

PARTS KIT CATALOG

DEXTER®

Table of Contents

Complete Brake Assemblies

7" Brake Kits 2
10" Brake Kits 4
12" Brake Kits 11
12¼" Brake Kits 20

Brake Components

Brake Controller, Actuators, Gaskets & Breakaway Kits 36
Brake Cylinder & Rebuild Kits 38
Caliper Replacement & Repair Kits 41
Magnet Kits 43
Brake Shoe & Lining Kits 46
Brake Block & Pad Kits 59
Miscellaneous Brake Hardware Kits 61
Brake Retrofit Kits 69

Complete Hub & Hub-Drum

7" Hub & Hub-Drum Kits (up to 2,200 Lbs.) 74
10" Hub & Hub-Drum Kits (2,500 Lbs. to 4,400 Lbs.) 76
12" Hub & Hub-Drum Kits (5,200 Lbs. to 7,000 Lbs.) 81
12¼" Hub & Hub-Drum Kits (7,200 Lbs. to 15,000 Lbs.) 86

Hub Components

Rotor Replacement Kits 92
Bearing Kits 93
E-Z Lube Components 98
Nev-R-Lube Components 100
Grease & Oil Caps 101
Hub Covers & Wheel Nut Covers 103
Seals 106
Wheel & Drum Mounting Hardware 109
Spindle Nuts & Washers Kits 114
Retainer Kit 116

Suspension Components

Suspension Kits 117
Torflex Removable Spindle Option 122
Over/Under Conversion and Shock Kits 123
Miscellaneous Suspension Hardware 124
Airflex Kits 130

Dexter Limited Warranty and Video Gallery 131-132

Dexter is owned by DexKo Global, formed at the end of 2015 by combining Dexter and AL-KO VT. This combination created a global leader in highly engineered trailer running gear components and systems, with over 130 years of trailer and caravan componentry experience.

DexKo Global is majority-owned by funds managed by The Sterling Group, an operationally focused middle market private equity firm based in Houston, Texas and managed out of Novi, Michigan by a strategic staff of executives focused on leveraging the resources of the combined companies. With enhanced scale, operating leverage, capital efficiencies and diversity, DexKo will deliver:

- Market leadership in product development and innovation
- Improved customer service through the sharing of technology and best practices
- Increased manufacturing flexibility
- Great efficiency through global sourcing

DEXKO™ GLOBAL

DexKo's ongoing focus is profitable growth across its entire footprint through outstanding customer service, product quality and innovation, operational efficiencies and accretive acquisitions. We'll maintain the unparalleled customer service and product quality that the market has come to trust in both Dexter and AL-KO VT.

Dexter uses a number of trusted trademarks to market its products in the United States, as well as internationally. All of those trademarks are protected by law, and, in addition, at least the following are registered:

Airflex®, Dexter®, E-Z Flex®, E-Z Lube®, GAL-DEX®, Nev-R-Adjust®, Nev-R-Lube®, Predator DX2®, Predator Series®, Torflex®

Complete Brake Assemblies



Brake Kit - LH — K23-047-00

Complete 7" x 1¼" electric brake assembly (2.2K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-047-00	1	7" x 1¼" 2.2K Electric LH
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-048-00

Complete 7" x 1¼" electric brake assembly (2.2K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-048-00	1	7" x 1¼" 2.2K Electric RH
059-726-00	1	Instruction Sheet



Brake Kit - LH — K23-103-00

Complete 7" x 1¼" electric with park brake assembly (2.2K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-103-00	1	7" x 1¼" 2.2K Electric LH
059-726-00	1	Installation Sheet



Brake Kit - RH — K23-104-00

Complete 7" x 1¼" electric with park brake assembly (2.2K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-104-00	1	7" x 1¼" 2.2K Electric RH
059-726-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-398-00

Complete 7" x 1¾" hydraulic uni-servo brake assembly (2.2K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-398-00	1	7" x 1¾" 2.5K Hydraulic LH
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-399-00

Complete 7" x 1¾" hydraulic uni-servo brake assembly (2.2K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-399-00	1	7" x 1¾" 2.5K Hydraulic RH
059-726-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-472-00

Complete 10" x 1½" electric brake assembly (3K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-472-00	1	10" x 1½" 3K Electric LH
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-473-00

Complete 10" x 1½" electric brake assembly (3K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-473-00	1	10" x 1½" 3K Electric RH
059-726-00	1	Instruction Sheet



Brake Kit - LH — K23-476-00

Complete 10" x 1½" electric brake assembly (3K); Nev-R-Adjust.

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-476-00	1	10" x 1½" 3K Electric LH
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-477-00

Complete 10" x 1½" electric brake assembly (3K); Nev-R-Adjust.

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-477-00	1	10" x 1½" 3K Electric RH
059-726-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-026-00

Complete 10" x 2¼" electric brake assembly (3.5K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-026-00	1	10" x 2¼" 3.5K Electric LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-027-00

Complete 10" x 2¼" electric brake assembly (3.5K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-027-00	1	10" x 2¼" 3.5K Electric RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - LH — K23-086-00

Complete 10" x 2¼" electric brake with park brake assembly (3.5K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-086-00	1	10" x 2¼" 3.5K Electric LH
046-007-00	2	Plug
059-726-00	1	Installation Sheet



Brake Kit - RH — K23-087-00

Complete 10" x 2¼" electric brake with park brake assembly (3.5K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-087-00	1	10" x 2¼" 3.5K Electric RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-468-00

Complete 10" x 2¼" electric brake assembly (3.5K), Nev-R-Adjust.

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-468-00	1	10" x 2¼" 3.5K Electric LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-469-00

Complete 10" x 2¼" electric brake assembly (3.5K), Nev-R-Adjust.

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-469-00	1	10" x 2¼" 3.5K Electric RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - LH — K23-310-00

Complete 10" x 2¼" hydraulic duo-servo brake assembly (3.5K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-310-00	1	10" x 2¼" 3.5K Hydraulic LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-311-00

Complete 10" x 2¼" hydraulic duo-servo brake assembly (3.5K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Brake Mounting Nut
023-311-00	1	10" x 2¼" 3.5K Hydraulic RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-400-00

Complete 10" x 2¼" hydraulic duo-servo with park brake assembly (3.5K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-400-00	1	10" x 2¼" 3.5K Hydraulic LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-401-00

Complete 10" x 2¼" hydraulic duo-servo with park brake assembly (3.5K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-401-00	1	10" x 2¼" 3.5K Hydraulic RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - LH — K23-344-00

Complete 10" x 2¼" hydraulic free backing brake assembly (3.5K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-344-00	1	10" x 2¼" 3.5K Hydraulic LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-345-00

Complete 10" x 2¼" hydraulic free backing brake assembly (3.5K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-345-00	1	10" x 2¼" 3.5K Hydraulic RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-344-01

Complete 10" x 2¼" hydraulic free backing corrosion resistant brake assembly (3.5K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-344-01	1	10" x 2¼" 3.5K Hydraulic LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-345-01

Complete 10" x 2¼" hydraulic free backing corrosion resistant brake assembly (3.5K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-345-01	1	10" x 2¼" 3.5K Hydraulic RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - LH — K23-312-00

Complete 10" x 2¼" hydraulic uni-servo brake assembly (3.5K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-312-00	1	10" x 2¼" 3.5K Hydraulic LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-313-00

Complete 10" x 2¼" hydraulic uni-servo brake assembly (3.5K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-313-00	1	10" x 2¼" 3.5K Hydraulic RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-330-00

Complete 10" x 2¼" hydraulic uni-servo with park brake assembly (3.5K).

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-330-00	1	10" x 2¼" 3.5K Hydraulic LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-331-00

Complete 10" x 2¼" hydraulic uni-servo with park brake assembly (3.5K)

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
023-331-00	1	10" x 2¼" 3.5K Hydraulic RH
046-007-00	1	Plug
059-726-00	1	Instruction Sheet



Brake Kit - LH — K23-454-00

Complete 10" x 2¼" electric brake assembly (4.4K).

Dx Part No.	Quantity	Parts Description
006-207-00	4	Nut, Hex
023-454-00	1	10" x 2¼" 4.4K Electric LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-455-00

Complete 10" x 2¼" electric brake assembly (4.4K).

Dx Part No.	Quantity	Parts Description
006-207-00	4	Nut, Hex
023-455-00	1	10" x 2¼" 4.4K Electric RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-478-00

Complete 10" x 2¼" electric brake assembly (4.4K), Nev-R-Adjust.

Dx Part No.	Quantity	Parts Description
006-207-00	4	Nut, Hex
023-478-00	1	10" x 2¼" 4.4K Electric LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-479-00

Complete 10" x 2¼" electric brake assembly (4.4K), Nev-R-Adjust.

Dx Part No.	Quantity	Parts Description
006-207-00	4	Nut, Hex
023-479-00	1	10" x 2¼" 4.4K Electric RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - LH — K23-462-00

Complete 10" x 2¼" electric brake assembly (4.4K), Nev-R-Adjust (after 5/1/09).

Dx Part No.	Quantity	Parts Description
006-207-00	4	Nut, Hex
023-462-00	1	10" x 2¼" 4.4K Electric LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-463-00

Complete 10" x 2¼" electric brake assembly (4.4K), Nev-R-Adjust (after 5/1/09).

Dx Part No.	Quantity	Parts Description
006-207-00	4	Nut, Hex
023-463-00	1	10" x 2¼" 4.4K Electric RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-105-00

Complete 12" x 2" electric brake assembly (6K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-105-00	1	12" x 2" 6K Electric LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-106-00

Complete 12" x 2" 6K electric brake assembly (6K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-106-00	1	12" x 2" 6K Electric RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - LH — K23-112-00

Complete 12" x 2" electric brake assembly with park (6K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-112-00	1	12" x 2" 6K Electric LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-113-00

Complete 12" x 2" electric brake assembly with park (6K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-113-00	1	12" x 2" 6K Electric RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-458-00

Complete 12" x 2" electric brake assembly (6K), Nev-R-Adjust.

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-458-00	1	12" x 2" 6K Electric LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-459-00

Complete 12" x 2" electric brake assembly (6K), Nev-R-Adjust.

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-459-00	1	12" x 2" 6K Electric RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - LH — K23-180-00

Complete 12" x 2" electric brake assembly (7K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-180-00	1	12" x 2" 7K Electric LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-181-00

Complete 12" x 2" electric brake assembly (7K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-181-00	1	12" x 2" 7K Electric RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-464-00

Complete 12" x 2" electric brake assembly (7K), Nev-R-Adjust.

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-464-00	1	12" x 2" 7K Electric LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-465-00

Complete 12" x 2" electric brake assembly (7K), Nev-R-Adjust.

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-465-00	1	12" x 2" 7K Electric RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - LH — K23-322-00

Complete 12" x 2" hydraulic duo-servo brake assembly (5.2K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-322-00	1	12" x 2" 5.2K Hydraulic LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-323-00

Complete 12" x 2" hydraulic duo-servo brake assembly (5.2K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-323-00	1	12" x 2" 5.2K Hydraulic RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-318-00

Complete 12" x 2" hydraulic duo-servo with park brake assembly (5.2K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-318-00	1	12" x 2" 5.2K Hydraulic LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-319-00

Complete 12" x 2" hydraulic duo-servo with park brake assembly (5.2K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-319-00	1	12" x 2" 5.2K Hydraulic RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - LH — K23-324-00

Complete 12" x 2" hydraulic uni-servo brake assembly (5.2K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-324-00	1	12" x 2" 5.2K Hydraulic LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-325-00

Complete 12" x 2" hydraulic uni-servo brake assembly (5.2K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-325-00	1	12" x 2" 5.2K Hydraulic RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-320-00

Complete 12" x 2" hydraulic uni-servo with park brake assembly (5.2K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-320-00	1	12" x 2" 5.2K Hydraulic LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-321-00

Complete 12" x 2" hydraulic uni-servo with park brake assembly (5.2K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-321-00	1	12" x 2" 5.2K Hydraulic RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - LH — K23-336-00

Complete 12" x 2" hydraulic duo-servo brake assembly (7K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-336-00	1	12" x 2" 7K Hydraulic LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-337-00

Complete 12" x 2" hydraulic duo-servo brake assembly (7K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-337-00	1	12" x 2" 7K Hydraulic RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-332-00

Complete 12" x 2" hydraulic duo-servo with park brake assembly (7K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-332-00	1	12" x 2" 7K Hydraulic LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-333-00

Complete 12" x 2" hydraulic duo-servo with park brake assembly (7K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-333-00	1	12" x 2" 7K Hydraulic RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - LH — K23-338-00

Complete 12" x 2" hydraulic uni-servo brake assembly (7K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-338-00	1	12" x 2" 7K Hydraulic LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-339-00

Complete 12" x 2" hydraulic uni-servo brake assembly (7K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-339-00	1	12" x 2" 7K Hydraulic RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-334-00

Complete 12" x 2" hydraulic uni-servo with park brake assembly (7K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-334-00	1	12" x 2" 7K Hydraulic LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-335-00

Complete 12" x 2" hydraulic uni-servo with park brake assembly (7K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-335-00	1	12" x 2" 7K Hydraulic RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - LH — K23-342-00

Complete 12" x 2" hydraulic free backing brake assembly (7K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-342-00	1	12" x 2" 7K Hydraulic LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-343-00

Complete 12" x 2" hydraulic free backing brake assembly (7K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-343-00	1	12" x 2" 7K Hydraulic RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-340-00

Complete 12" x 2" hydraulic free backing with park brake assembly (7K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-340-00	1	12" x 2" 7K Hydraulic LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-341-00

Complete 12" x 2" hydraulic free backing with park brake assembly (7K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-341-00	1	12" x 2" 7K Hydraulic RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - LH — K23-340-01

Complete 12" x 2" hydraulic free backing with park, corrosion resistant brake assembly (7K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-340-01	1	12" x 2" 7K Hydraulic LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-341-01

Complete 12" x 2" hydraulic free backing with park, corrosion resistant brake assembly (7K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-341-01	1	12" x 2" 7K Hydraulic RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-342-01

Complete 12" x 2" hydraulic free backing corrosion resistant brake assembly (7K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-342-01	1	12" x 2" 7K Hydraulic LH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet



Brake Kit - RH — K23-343-01

Complete 12" x 2" hydraulic free backing corrosion resistant brake assembly (7K).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
023-343-01	1	12" x 2" 7K Hydraulic RH
046-007-00	2	Plug
059-726-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-428-00

Complete 12¼" x 2½" electric manual adjust brake assembly (7.2K).

Dx Part No.	Quantity	Parts Description
023-428-00	1	12¼" x 2½" 7.2K Electric LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-429-00

Complete 12¼" x 2½" electric manual adjust brake assembly (7.2K).

Dx Part No.	Quantity	Parts Description
023-429-00	1	12¼" x 2½" 7.2K Electric RH
059-637-00	1	Instruction Sheet



Brake Kit - LH — K23-434-00

Complete 12¼" x 3⅜" electric forward self-adjust brake assembly (8K).

Dx Part No.	Quantity	Parts Description
023-434-00	1	12¼" x 3⅜" 8K Electric LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-435-00

Complete 12¼" x 3⅜" electric forward self-adjust brake assembly (8K).

Dx Part No.	Quantity	Parts Description
023-435-00	1	12¼" x 3⅜" 8K Electric RH
059-637-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-432-00

Complete 12¼" x 3⅜" electric manual adjust brake assembly (8K).

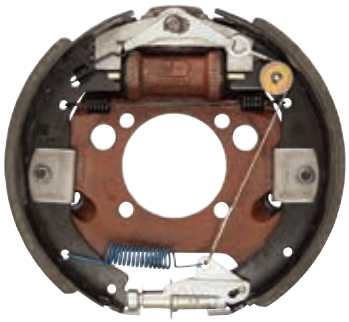
Dx Part No.	Quantity	Parts Description
023-432-00	1	12¼" x 3⅜" 8K Electric LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-433-00

Complete 12¼" x 3⅜" electric manual adjust brake assembly (8K).

Dx Part No.	Quantity	Parts Description
023-433-00	1	12¼" x 3⅜" 8K Electric RH
059-637-00	1	Instruction Sheet



Brake Kit - LH — K23-402-00

Complete 12¼" x 3⅜" hydraulic duo-servo forward self-adjust brake assembly (8K).

Dx Part No.	Quantity	Parts Description
023-402-00	1	12¼" x 3⅜" 8K Hydraulic LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-403-00

Complete 12¼" x 3⅜" hydraulic duo-servo forward self-adjust brake assembly (8K).

Dx Part No.	Quantity	Parts Description
023-403-00	1	12¼" x 3⅜" 8K Hydraulic RH
059-637-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-420-00

Complete 12¼" x 3⅜" hydraulic duo-servo forward self-adjust corrosion resistant brake assembly (8K).

Dx Part No.	Quantity	Parts Description
023-420-00	1	12¼" x 3⅜" 8K Hydraulic LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-421-00

Complete 12¼" x 3⅜" hydraulic duo-servo forward self-adjust corrosion resistant brake assembly (8K)

Dx Part No.	Quantity	Parts Description
023-421-00	1	12¼" x 3⅜" 8K Hydraulic RH
059-637-00	1	Instruction Sheet



Brake Kit - LH — K23-171-00

Complete 12¼" x 3⅜" hydraulic duo-servo rear self-adjust with park brake assembly (8K).

Dx Part No.	Quantity	Parts Description
023-171-00	1	12¼" x 3⅜" 8K Hydraulic LH
059-637-00	1	Instruction Sheet

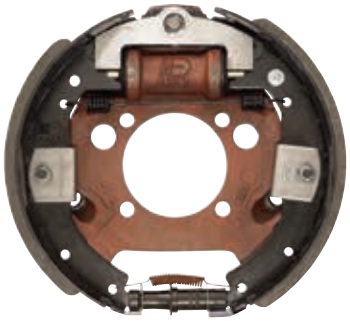


Brake Kit - RH — K23-172-00

Complete 12¼" x 3⅜" hydraulic duo-servo rear self-adjust with park brake assembly (8K).

Dx Part No.	Quantity	Parts Description
023-172-00	1	12¼" x 3⅜" 8K Hydraulic RH
059-637-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-388-00

Complete 12¼" x 3⅜" hydraulic duo-servo manual adjust brake assembly (8K).

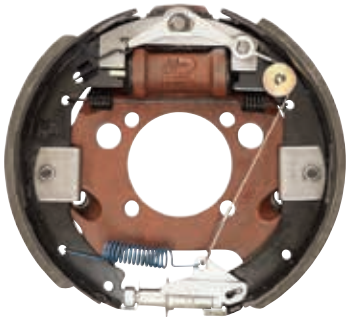
Dx Part No.	Quantity	Parts Description
023-388-00	1	12¼" x 3⅜" 8K Hydraulic LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-387-00

Complete 12¼" x 3⅜" hydraulic duo-servo manual adjust brake assembly (8K).

Dx Part No.	Quantity	Parts Description
023-387-00	1	12¼" x 3⅜" 8K Hydraulic RH
059-637-00	1	Instruction Sheet



Brake Kit - LH — K23-418-00

Complete 12¼" x 3⅜" hydraulic uni-servo forward self-adjust brake assembly (8K).

Dx Part No.	Quantity	Parts Description
023-418-00	1	12¼" x 3⅜" 8K Hydraulic LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-419-00

Complete 12¼" x 3⅜" hydraulic uni-servo forward self-adjust brake assembly (8K).

Dx Part No.	Quantity	Parts Description
023-419-00	1	12¼" x 3⅜" 8K Hydraulic RH
059-637-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-252-00

Complete 12¼" x 3⅜" hydraulic uni-servo manual adjust with park brake assembly (8K).

Dx Part No.	Quantity	Parts Description
023-252-00	1	12¼" x 3⅜" 8K Hydraulic LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-253-00

Complete 12¼" x 3⅜" hydraulic uni-servo manual adjust with park brake assembly (8K).

Dx Part No.	Quantity	Parts Description
023-253-00	1	12¼" x 3⅜" 8K Hydraulic RH
059-637-00	1	Instruction Sheet



Brake Kit - LH — K23-450-00

Complete 12¼" x 3⅜" electric forward self-adjust brake assembly (9-10K general duty).

Dx Part No.	Quantity	Parts Description
023-450-00	1	12¼" x 3⅜" 9K-10K GD Electric LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-451-00

Complete 12¼" x 3⅜" electric forward self-adjust brake assembly (9-10K general duty).

Dx Part No.	Quantity	Parts Description
023-451-00	1	12¼" x 3⅜" 9K-10K GD Electric RH
059-637-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-448-00

Complete 12¼" x 3⅜" electric manual adjust brake assembly (9K-10K general duty).

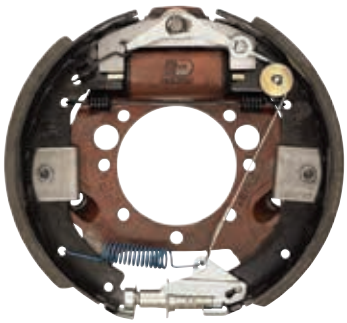
Dx Part No.	Quantity	Parts Description
023-448-00	1	12¼" x 3⅜" 9K-10K GD Electric LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-449-00

Complete 12¼" x 3⅜" electric manual adjust brake assembly (9K-10K general duty).

Dx Part No.	Quantity	Parts Description
023-449-00	1	12¼" x 3⅜" 9K-10K GD Electric RH
059-637-00	1	Instruction Sheet



Brake Kit - LH — K23-410-00

Complete 12¼" x 3⅜" hydraulic duo-servo forward self-adjust brake assembly (9K-10K general duty).

Dx Part No.	Quantity	Parts Description
023-410-00	1	12¼" x 3⅜" 9K-10K GD Hydraulic LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-411-00

Complete 12¼" x 3⅜" hydraulic duo-servo forward self-adjust brake assembly (9K-10K general duty).

Dx Part No.	Quantity	Parts Description
023-411-00	1	12¼" x 3⅜" 9K-10K GD Hydraulic RH
059-637-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-210-00

Complete 12¼" x 3⅜" hydraulic duo-servo rear self-adjust with park brake assembly (9K-10K general duty).

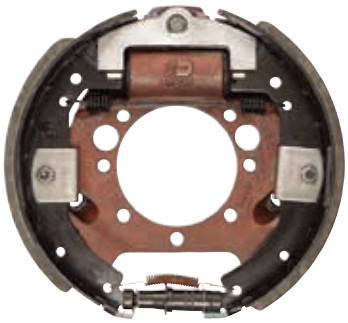
Dx Part No.	Quantity	Parts Description
023-210-00	1	12¼" x 3⅜" 9K-10K GD Hydraulic LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-211-00

Complete 12¼" x 3⅜" hydraulic duo-servo rear self-adjust with park brake assembly (9K-10K general duty).

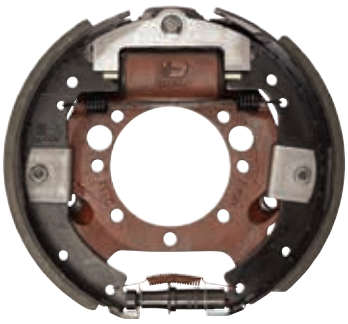
Dx Part No.	Quantity	Parts Description
023-211-00	1	12¼" x 3⅜" 9K-10K GD Hydraulic RH
059-637-00	1	Instruction Sheet



Brake Kit - LH — K23-396-00

Complete 12¼" x 3⅜" hydraulic duo-servo manual adjust brake assembly (9K-10K general duty).

Dx Part No.	Quantity	Parts Description
023-396-00	1	12¼" x 3⅜" 9K-10K GD Hydraulic LH
059-637-00	1	Instruction Sheet

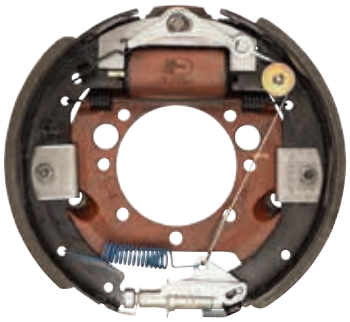


Brake Kit - RH — K23-395-00

Complete 12¼" x 3⅜" hydraulic duo-servo manual adjust brake assembly (9K-10K general duty).

Dx Part No.	Quantity	Parts Description
023-395-00	1	12¼" x 3⅜" 9K-10K GD Hydraulic RH
059-637-00	1	Instruction Sheet

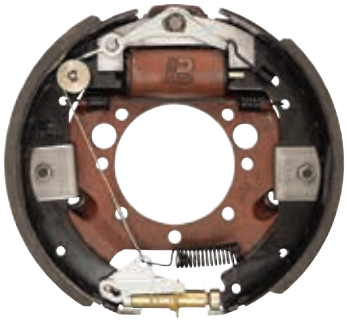
Complete Brake Assemblies



Brake Kit - LH — K23-412-00

Complete 12¼" x 3⅜" hydraulic uni-servo forward self-adjust brake assembly (9K-10K general duty).

Dx Part No.	Quantity	Parts Description
023-412-00	1	12¼" x 3⅜" 9K-10K GD Hydraulic LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-413-00

Complete 12¼" x 3⅜" hydraulic uni-servo forward self-adjust brake assembly (9K-10K general duty).

Dx Part No.	Quantity	Parts Description
023-413-00	1	12¼" x 3⅜" 9K-10K GD Hydraulic RH
059-637-00	1	Instruction Sheet



Brake Kit - LH — K23-234-00

Complete 12¼" x 3⅜" hydraulic uni-servo manual adjust with park brake assembly (9K-10K general duty).

Dx Part No.	Quantity	Parts Description
023-234-00	1	12¼" x 3⅜" 9K-10K GD Hydraulic LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-235-00

Complete 12¼" x 3⅜" hydraulic uni-servo manual adjust with park brake assembly (9K-10K general duty).

Dx Part No.	Quantity	Parts Description
023-235-00	1	12¼" x 3⅜" 9K-10K GD Hydraulic RH
059-637-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-438-00

Complete 12¼" x 4" electric forward self-adjust brake assembly (10K heavy duty).

Dx Part No.	Quantity	Parts Description
023-438-00	1	12¼" x 4" 10K Electric LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-439-00

Complete 12¼" x 4" electric forward self-adjust brake assembly (10K heavy duty).

Dx Part No.	Quantity	Parts Description
023-439-00	1	12¼" x 4" 10K Electric RH
059-637-00	1	Instruction Sheet



Brake Kit - LH — K23-436-00

Complete 12¼" x 4" electric manual adjust brake assembly (10K heavy duty).

Dx Part No.	Quantity	Parts Description
023-436-00	1	12¼" x 4" 10K Electric LH
059-637-00	1	Instruction Sheet

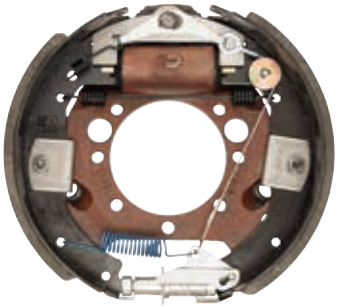


Brake Kit - RH — K23-437-00

Complete 12¼" x 4" electric manual adjust brake assembly (10K heavy duty).

Dx Part No.	Quantity	Parts Description
023-437-00	1	12¼" x 4" 10K Electric RH
059-637-00	1	Instruction Sheet

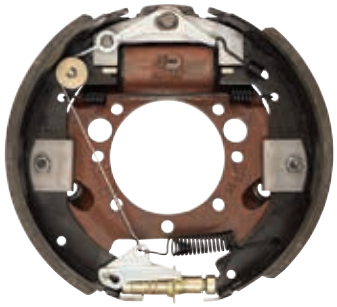
Complete Brake Assemblies



Brake Kit - LH — K23-404-00

Complete 12¼" x 4" hydraulic duo-servo forward self-adjust brake assembly (10K heavy duty).

Dx Part No.	Quantity	Parts Description
023-404-00	1	12¼" x 4" 10K Hydraulic LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-405-00

Complete 12¼" x 4" hydraulic duo-servo forward self-adjust brake assembly (10K heavy duty).

Dx Part No.	Quantity	Parts Description
023-405-00	1	12¼" x 4" 10K Hydraulic RH
059-637-00	1	Instruction Sheet



Brake Kit - LH — K23-168-00

Complete 12¼" x 4" hydraulic duo-servo rear self-adjust with park brake assembly (10K heavy duty).

Dx Part No.	Quantity	Parts Description
023-168-00	1	12¼" x 4" 10K Hydraulic LH
059-637-00	1	Instruction Sheet

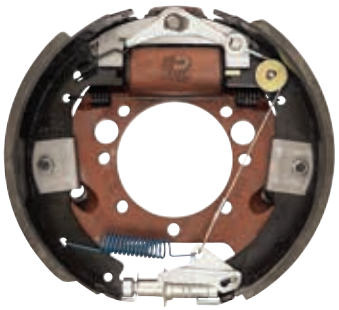


Brake Kit - RH — K23-169-00

Complete 12¼" x 4" hydraulic duo-servo rear self-adjust with park brake assembly (10K heavy duty).

Dx Part No.	Quantity	Parts Description
023-169-00	1	12¼" x 4" 10K Hydraulic RH
059-637-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-414-00

Complete 12¼" x 4" hydraulic uni-servo forward self-adjust brake assembly (10K heavy duty).

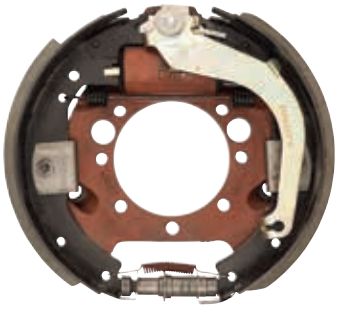
Dx Part No.	Quantity	Parts Description
023-414-00	1	12¼" x 4" 10K Hydraulic LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-415-00

Complete 12¼" x 4" hydraulic uni-servo forward self-adjust brake assembly (10K heavy duty).

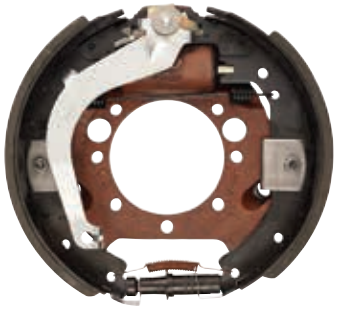
Dx Part No.	Quantity	Parts Description
023-415-00	1	12¼" x 4" 10K Hydraulic RH
059-637-00	1	Instruction Sheet



Brake Kit - LH — K23-222-00

Complete 12¼" x 4" hydraulic uni-servo manual adjust with park brake assembly (10K heavy duty).

Dx Part No.	Quantity	Parts Description
023-222-00	1	12¼" x 4" 10K Hydraulic LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-223-00

Complete 12¼" x 4" hydraulic uni-servo manual adjust with park brake assembly (10K heavy duty).

Dx Part No.	Quantity	Parts Description
023-223-00	1	12¼" x 4" 10K Hydraulic RH
059-637-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-442-00

Complete 12¼" x 5" electric forward self-adjust brake assembly (12K).

Dx Part No.	Quantity	Parts Description
023-442-00	1	12¼" x 5" 12K Electric LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-443-00

Complete 12¼" x 5" electric forward self-adjust brake assembly (12K).

Dx Part No.	Quantity	Parts Description
023-443-00	1	12¼" x 5" 12K Electric RH
059-637-00	1	Instruction Sheet



Brake Kit - LH — K23-440-00

Complete 12¼" x 5" electric manual adjust brake assembly (12K).

Dx Part No.	Quantity	Parts Description
023-440-00	1	12¼" x 5" 12K Electric LH
059-637-00	1	Instruction Sheet

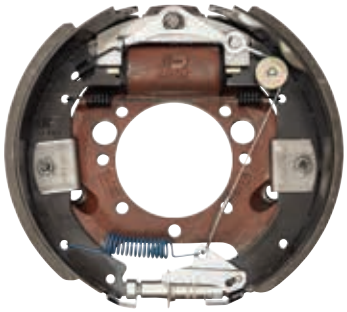


Brake Kit - RH — K23-441-00

Complete 12¼" x 5" electric manual adjust brake assembly (12K).

Dx Part No.	Quantity	Parts Description
023-441-00	1	12¼" x 5" 12K Electric RH
059-637-00	1	Instruction Sheet

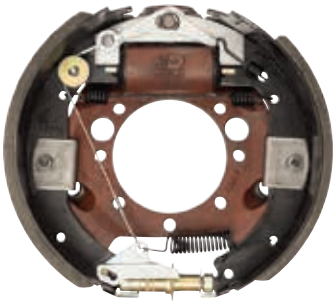
Complete Brake Assemblies



Brake Kit - LH — K23-408-00

Complete 12¼" x 5" hydraulic duo-servo forward self-adjust brake assembly (12K).

Dx Part No.	Quantity	Parts Description
023-408-00	1	12¼" x 5" 12K Hydraulic LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-409-00

Complete 12¼" x 5" hydraulic duo-servo forward self-adjust brake assembly (12K).

Dx Part No.	Quantity	Parts Description
023-409-00	1	12¼" x 5" 12K Hydraulic RH
059-637-00	1	Instruction Sheet



Brake Kit - LH — K23-165-00

Complete 12¼" x 5" hydraulic duo-servo rear self-adjust with park brake assembly (12K).

Dx Part No.	Quantity	Parts Description
023-165-00	1	12¼" x 5" 12K Hydraulic LH
059-637-00	1	Instruction Sheet

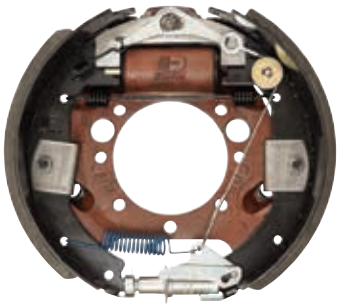


Brake Kit - RH — K23-166-00

Complete 12¼" x 5" hydraulic duo-servo rear self-adjust with park brake assembly (12K).

Dx Part No.	Quantity	Parts Description
023-166-00	1	12¼" x 5" 12K Hydraulic RH
059-637-00	1	Instruction Sheet

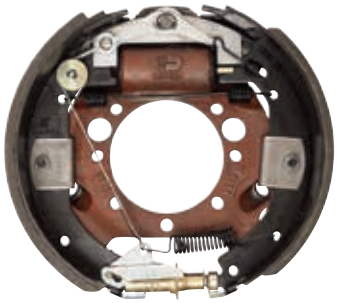
Complete Brake Assemblies



Brake Kit - LH — K23-416-00

Complete 12¼" x 5" hydraulic uni-servo forward self-adjust brake assembly (12K).

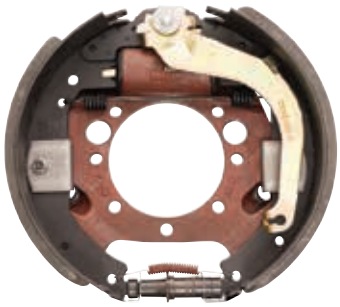
Dx Part No.	Quantity	Parts Description
023-416-00	1	12¼" x 5" 12K Hydraulic LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-417-00

Complete 12¼" x 5" hydraulic uni-servo forward self-adjust brake assembly (12K).

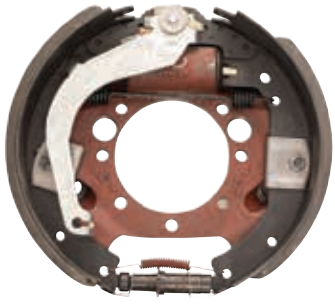
Dx Part No.	Quantity	Parts Description
023-417-00	1	12¼" x 5" 12K Hydraulic RH
059-637-00	1	Instruction Sheet



Brake Kit - LH — K23-228-00

Complete 12¼" x 5" hydraulic uni-servo manual adjust with park brake assembly (12K).

Dx Part No.	Quantity	Parts Description
023-228-00	1	12¼" x 5" 12K Hydraulic LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-229-00

Complete 12¼" x 5" hydraulic uni-servo manual adjust with park brake assembly (12K).

Dx Part No.	Quantity	Parts Description
023-229-00	1	12¼" x 5" 12K Hydraulic RH
059-637-00	1	Instruction Sheet

Complete Brake Assemblies



Brake Kit - LH — K23-446-00

Complete 12¼" x 5" electric forward self-adjust brake assembly (15K).

Dx Part No.	Quantity	Parts Description
023-446-00	1	12¼" x 5" 15K Electric LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-447-00

Complete 12¼" x 5" electric forward self-adjust brake assembly (15K).

Dx Part No.	Quantity	Parts Description
023-447-00	1	12¼" x 5" 15K Electric RH
059-637-00	1	Instruction Sheet



Brake Kit - LH — K23-444-00

Complete 12¼" x 5" electric manual adjust brake assembly (15K).

Dx Part No.	Quantity	Parts Description
023-444-00	1	12¼" x 5" 15K Electric LH
059-637-00	1	Instruction Sheet

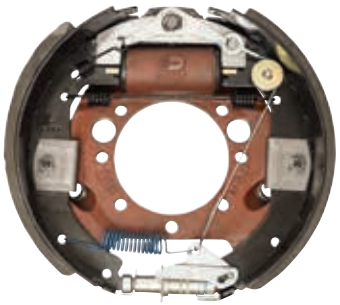


Brake Kit - RH — K23-445-00

Complete 12¼" x 5" electric manual adjust brake assembly (15K).

Dx Part No.	Quantity	Parts Description
023-445-00	1	12¼" x 5" 15K Electric RH
059-637-00	1	Instruction Sheet

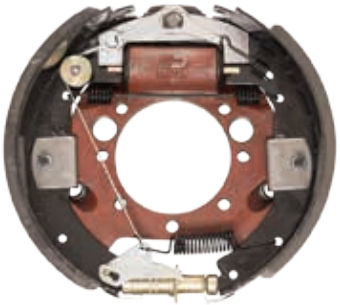
Complete Brake Assemblies



Brake Kit - LH — K23-406-00

Complete 12¼" x 5" hydraulic duo-servo forward self-adjust brake assembly (15K).

Dx Part No.	Quantity	Parts Description
023-406-00	1	12¼" x 5" 15K Hydraulic LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-407-00

Complete 12¼" x 5" hydraulic duo-servo forward self-adjust brake assembly (15K).

Dx Part No.	Quantity	Parts Description
023-407-00	1	12¼" x 5" 15K Hydraulic RH
059-637-00	1	Instruction Sheet



Brake Kit - LH — K23-162-00

Complete 12¼" x 5" hydraulic duo-servo forward self-adjust with park brake assembly (15K).

Dx Part No.	Quantity	Parts Description
023-162-00	1	12¼" x 5" 15K Hydraulic LH
059-637-00	1	Instruction Sheet



Brake Kit - RH — K23-163-00

Complete 12¼" x 5" hydraulic duo-servo forward self-adjust with park brake assembly (15K).

Dx Part No.	Quantity	Parts Description
023-163-00	1	12¼" x 5" 15K Hydraulic RH
059-637-00	1	Instruction Sheet

Brake Components



Electric Brake Controller — 058-008-00

Inertia-activated electric brake controller. For use on single and tandem axle trailers.

Dx Part No.	Quantity	Parts Description
058-008-00	1	Predator DX2 Brake Controller



Electric/Hydraulic Brake Actuator 1000 PSI — K71-650-00

Electric/hydraulic brake actuator for axles equipped with drum brakes.

Dx Part No.	Quantity	Parts Description
071-650-00	1	Electric/Hydraulic Brake Actuator - 1000
LIT-608-00	1	E/H Brake Actuator Service Manual



Electric/Hydraulic Brake Actuator 1600 PSI — K71-651-00

Electric/hydraulic brake actuator for axles equipped with disc brakes.

Dx Part No.	Quantity	Parts Description
071-651-00	1	Electric/Hydraulic Actuator - 1600
LIT-608-00	1	E/H Brake Actuator Service Manual



Electric/Hydraulic Brake Actuator Fill Cap & Gasket — K71-685-00

Fits Dexter 1000 & 1600 E/H brake actuator.

Dx Part No.	Quantity	Parts Description
097-011-01	1	Reservoir Cap Assembly, E/H Brake Actuator



Electric/Hydraulic Brake Actuator Gasket — K71-688-00

Fits Dexter 1000 & 1600 E/H brake actuator.

Dx Part No.	Quantity	Parts Description
010-160-00	2	Gasket, E/H Brake Actuator



9 AMP Hour Breakaway Kit — 034-285-00

Fits E/H brake actuator K71-650-00 and K71-651-00.

Dx Part No.	Quantity	Parts Description
034-285-00	1	Breakaway Battery, Charger and Switch



Breakaway Switch Kit — K71-691-00

Replacement switch with breakaway pin and lanyard.

Dx Part No.	Quantity	Parts Description
065-005-00	1	Breakaway Switch

Brake Components



Brake Cylinder - LH — K71-640-00

Fits Dexter 7" x 1¾" brakes, uni-servo, 1" diameter.

Dx Part No.	Quantity	Parts Description
054-080-03	1	Brake Cylinder Assembly, LH



Brake Cylinder - RH — K71-641-00

Fits Dexter 7" x 1¾" brakes, uni-servo, 1" diameter.

Dx Part No.	Quantity	Parts Description
054-080-04	1	Brake Cylinder Assembly, RH



Brake Cylinder - LH — K71-337-00

Fits Dexter 10" x 2¼" and 12" x 2" brakes, uni-servo, 1⅛" diameter.

Dx Part No.	Quantity	Parts Description
054-064-00	1	Brake Cylinder Assembly, LH



Brake Cylinder - RH — K71-338-00

Fits Dexter 10" x 2¼" and 12" x 2" brakes, uni-servo, 1⅛" diameter.

Dx Part No.	Quantity	Parts Description
054-065-00	1	Brake Cylinder Assembly, RH



Brake Cylinder - LH — K71-339-00

Fits Dexter 10" x 2¼" and 12" x 2" brakes, duo-servo, 1⅛" diameter.

Dx Part No.	Quantity	Parts Description
054-062-00	1	Brake Cylinder Assembly, LH



Brake Cylinder - RH — K71-340-00

Fits Dexter 10" x 2¼" and 12" x 2" brakes, duo-servo, 1⅛" diameter.

Dx Part No.	Quantity	Parts Description
054-063-00	1	Brake Cylinder Assembly, RH



Brake Cylinder - LH — K71-424-00

Fits Dexter 10" x 2¼" and 12" x 2" free backing, corrosion resistant, hydraulic brakes, uni-servo, 1⅛" diameter.

Dx Part No.	Quantity	Parts Description
054-064-01	1	Brake Cylinder Assembly, LH



Brake Cylinder - RH — K71-425-00

Fits Dexter 10" x 2¼" and 12" x 2" free backing, corrosion resistant, hydraulic brakes, uni-servo, 1⅛" diameter cylinder.

Dx Part No.	Quantity	Parts Description
054-065-01	1	Brake Cylinder Assembly, RH

Brake Components



Brake Cylinder Rebuild Kit — K71-080-00

Fits Dexter 12¼" x 3⅜" with 1" diameter.

Dx Part No.	Quantity	Parts Description
046-130-00	1	Spring
054-032-00	2	Boot
054-035-00	1	Bleeder Screw
054-041-00	2	Piston
054-085-00	2	Cup



Brake Cylinder Rebuild Kit — K71-081-00

Fits Dexter 12¼" x 3⅜", 12¼" x 4", 12¼" x 5" brakes; uni or duo-servo, 1¼" diameter.

Dx Part No.	Quantity	Parts Description
046-128-00	1	Spring
054-032-00	2	Boot
054-035-00	1	Bleeder Screw
054-038-00	2	Piston
054-086-00	2	Cup



Brake Cylinder Rebuild Kit — K71-082-00

Fits Dexter 12¼" x 5" brakes; duo-servo, 1⅜" diameter (15K).

Dx Part No.	Quantity	Parts Description
046-129-00	1	Spring
054-030-00	2	Piston
054-032-00	2	Boot
054-035-00	1	Bleeder Screw
054-087-00	2	Cup



Caliper Replacement Kit - LH or RH — K71-624-00

Fits Dexter 3.5K disc brakes.

Dx Part No.	Quantity	Parts Description
007-256-00	2	Screw, Cap
059-794-00	1	Instruction Sheet
089-004-02	1	Caliper Assembly, 3.5K



Caliper Replacement Kit - LH or RH — K71-636-00

Fits Dexter 6K disc brakes.

Dx Part No.	Quantity	Parts Description
006-045-00	4	Nut, Hex Locking
006-289-00	1	Nut, Hex
007-254-00	4	Bolt, Hex
007-469-00	1	Screw, Hex
027-060-00	1	Clamp, Tube
046-145-00	1	Spring, Anti-Rattle
054-092-00	1	Bleeder Screw
054-094-00	1	Adapter Hydraulic 3/16 Inverted
059-799-00	1	Instruction Sheet
071-513-00	1	Brake Line Assembly
071-517-00	1	Brake Line
087-002-00	1	Screw, Hex
089-005-06	2	Caliper Assembly



Caliper Replacement Kit - LH or RH — K71-693-00

Fits Dexter 7K disc brakes.

Dx Part No.	Quantity	Parts Description
006-045-00	4	Nut, Hex Locking
006-289-00	1	Nut, Hex
007-254-00	4	Bolt, Hex
007-469-00	1	Screw, Hex
027-060-00	1	Clamp, Tube
046-145-00	1	Spring, Anti-Rattle
054-092-00	1	Bleeder Screw
054-094-00	1	Adapter Hydraulic 3/16 Inverted
059-799-00	1	Instruction Sheet
071-517-00	1	Brake Line
087-002-00	1	Screw, Hex
089-005-06	2	Caliper Assembly

Brake Components



Caliper Replacement Kit - LH or RH — K71-630-00

Fits Dexter 8K disc brakes.

Dx Part No.	Quantity	Parts Description
006-045-00	4	Nut, Hex Locking
006-289-00	1	Nut, Hex
007-254-00	4	Bolt, Hex
007-469-00	1	Screw, Hex
027-060-00	1	Clamp, Tube
046-145-00	1	Spring, Anti-Rattle
054-092-00	1	Bleeder Screw
054-094-00	1	Adapter Hydraulic 3/16 Inverted
059-799-00	1	Instruction Sheet
071-513-00	1	Brake Line Assembly
071-518-00	1	Brake Line
087-002-00	1	Screw, Hex
089-003-02	2	Caliper Assembly, 8K



Caliper Repair Kit — K71-670-00

Fits Dexter 6K, 7K and 8K disc brake axles.

Dx Part No.	Quantity	Parts Description
054-090-00	4	Seal, Piston
054-091-00	4	Boot
054-092-00	1	Bleeder Screw
054-094-00	1	Adapter Hydraulic 3/16 Inverted



Caliper Repair Kit — K71-181-00

Fits Dexter 10K and 12K disc brake axles (after 1/88).

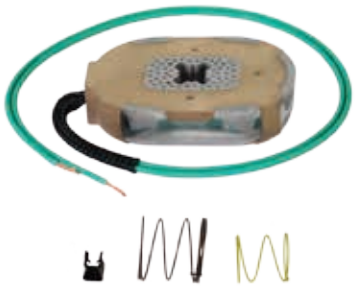
Dx Part No.	Quantity	Parts Description
010-062-00	4	O-Ring
054-067-00	2	Seal for 2.50 Diameter Piston
054-068-00	2	Boot
054-069-00	1	Bleeder Screw



Magnet Kit — K71-057-00

Fits Dexter 7" x 1¼" brake (after 4/1/90) and 10" x 1½" brakes (prior to 9/1/88).

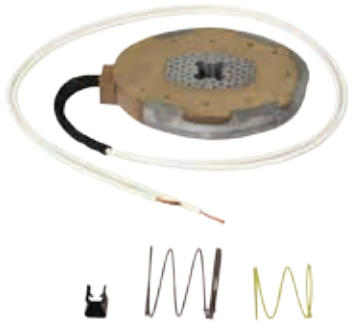
Dx Part No.	Quantity	Parts Description
042-134-00	1	Magnet Assembly (white wire)
046-086-00	1	Spring, Magnet
046-121-00	1	Magnet Retainer Clip
059-511-00	1	Instruction Sheet



Magnet Kit — K71-104-00

Fits Dexter 10" x 1½" and 10 x 2¼" brakes.

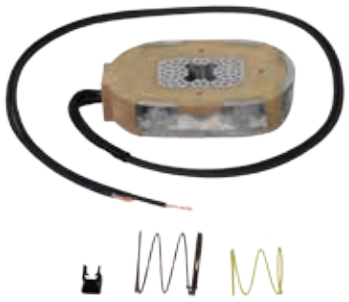
Dx Part No.	Quantity	Parts Description
027-009-00	1	Retaining Clip
042-140-00	1	Magnet Assembly (green wire)
046-080-00	1	Spring, Magnet (before 7/16)
046-175-00	1	Spring, Magnet (after 7/16)
059-511-00	1	Instruction Sheet



Magnet Kit — K71-105-00

Fits Dexter 12" x 2" 5.2K and 6K brakes.

Dx Part No.	Quantity	Parts Description
027-009-00	1	Retaining Clip
042-144-00	1	Magnet Assembly (white wire)
046-080-00	1	Spring, Magnet (before 7/16)
046-175-00	1	Spring, Magnet (after 7/16)
059-511-00	1	Instruction Sheet

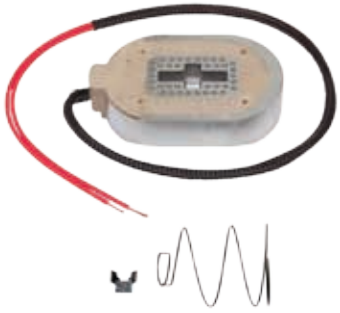


Magnet Kit — K71-125-00

Fits Dexter 12" x 2" 7K and 10" x 2¼" 4.4K brakes.

Dx Part No.	Quantity	Parts Description
027-009-00	1	Retaining Clip
042-143-00	1	Magnet Assembly (black wire)
046-080-00	1	Spring, Magnet (before 7/16)
046-175-00	1	Spring, Magnet (after 7/16)
059-511-00	1	Instruction Sheet

Brake Components



Magnet Kit — K71-441-00

Fits Dexter 12¼" x 2½" 7.2K electric brakes.

Dx Part No.	Quantity	Parts Description
027-050-00	1	Magnet Retainer
042-136-00	1	Magnet Assembly (red wire)
046-117-00	1	Spring, Magnet
059-511-00	1	Instruction Sheet



Magnet Kit — K71-375-00

Fits Dexter 12¼" x 3⅜" 8K electric brakes (after 6/92).

Dx Part No.	Quantity	Parts Description
027-050-00	1	Magnet Retainer
042-127-00	1	Magnet Assembly (white wire)
046-117-00	1	Spring, Magnet
059-511-00	1	Instruction Sheet



Magnet Kit — K71-376-00

Fits Dexter 12¼" x 3⅜" 9-10K or 12¼" x 4" 10K heavy duty electric brakes (after 6/92).

Dx Part No.	Quantity	Parts Description
027-050-00	1	Magnet Retainer
042-129-00	1	Magnet Assembly (yellow wire)
046-117-00	1	Spring, Magnet
059-511-00	1	Instruction Sheet



Magnet Kit — K71-377-00

Fits Dexter 12¼" x 5" 12K electric brakes (after 6/92).

Dx Part No.	Quantity	Parts Description
027-050-00	1	Magnet Retainer
042-130-00	1	Magnet Assembly (black wire)
046-117-00	1	Spring, Magnet
059-511-00	1	Instruction Sheet



Magnet Kit — K71-378-00

Fits Dexter 12¼" x 5" 15K electric brakes (after 6/92).

Dx Part No.	Quantity	Parts Description
027-050-00	1	Magnet Retainer
042-131-00	1	Magnet Assembly (blue wire)
046-117-00	1	Spring, Magnet
059-511-00	1	Instruction Sheet

Brake Components



Brake Shoe & Lining Kit — K71-045-00

Fits Dexter 7" x 1¼" electric brake.

Dx Part No.	Quantity	Parts Description
040-049-00	1	Shoe & Lining, Secondary
040-125-00	1	Shoe & Lining, Primary
059-043-00	1	Instruction Sheet



Brake Shoe & Lining Kit — K71-466-00

Fits Dexter 7" x 1¾" hydraulic brake.

Dx Part No.	Quantity	Parts Description
035-001-00	4	Shoe Hold Down Spring, Cup
040-327-01	1	Shoe & Lining, Primary
040-328-01	1	Shoe & Lining, Secondary
046-006-00	2	Shoe Hold Down Spring, No Cup
049-014-00	2	Hold Down Pin
059-581-00	1	Instruction Sheet



Brake Shoe & Lining Kit — K71-046-00

Fits Dexter 10" x 1½" electric brake.

Dx Part No.	Quantity	Parts Description
035-001-00	2	Shoe Hold Down Spring, Cup
040-129-00	1	Shoe & Lining, Primary
040-130-00	1	Shoe & Lining, Secondary
046-006-00	2	Shoe Hold Down Spring, No Cup
049-009-00	2	Hold Down Pin
059-044-00	1	Instruction Sheet



Brake Shoe & Lining Kit - LH — K71-701-00

Fits Dexter 10" x 1½" electric brake, Nev-R-Adjust.

Dx Part No.	Quantity	Parts Description
035-001-00	2	Shoe Hold Down Spring, Cup
040-129-00	1	Shoe & Lining, Primary
040-375-00	1	Shoe & Lining, Secondary
046-006-00	2	Shoe Hold Down Spring, No Cup
049-009-00	2	Hold Down Pin
059-044-00	1	Instruction Sheet



Brake Shoe & Lining Kit - RH — K71-702-00

Fits Dexter 10" x 1½" electric brake, Nev-R-Adjust.

Dx Part No.	Quantity	Parts Description
035-001-00	2	Shoe Hold Down Spring, Cup
040-129-00	1	Shoe & Lining, Primary
040-376-00	1	Shoe & Lining, Secondary
046-006-00	2	Shoe Hold Down Spring, No Cup
049-009-00	2	Hold Down Pin
059-044-00	1	Instruction Sheet



Brake Shoe & Lining Kit — K71-047-00

Fits Dexter 10" x 2¼" electric brake (3.5K).

Dx Part No.	Quantity	Parts Description
040-017-00	1	Shoe & Lining, Primary
040-021-00	1	Shoe & Lining, Secondary
046-077-00	2	Shoe Hold Down Spring, Cup
049-002-00	2	Hold Down Pin
059-045-00	1	Instruction Sheet



Brake Shoe & Lining Kit — K71-672-00

Fits Dexter 10" x 2¼" electric brake (4.4K).

Dx Part No.	Quantity	Parts Description
040-361-00	1	Shoe & Lining, Primary
040-362-00	1	Shoe & Lining, Secondary
046-077-00	2	Shoe Hold Down Spring, Cup
049-002-00	2	Hold Down Pin
059-045-00	1	Instruction Sheet



Brake Shoe & Lining Kit - LH — K71-681-00

Fits Dexter 10" x 2¼" electric brake, Nev-R-Adjust (3.5K).

Dx Part No.	Quantity	Parts Description
040-367-00	1	Shoe & Lining, Primary
040-368-01	1	Shoe & Lining, Secondary
046-077-00	2	Shoe Hold Down Spring, Cup
049-002-00	2	Hold Down Pin
059-045-00	1	Instruction Sheet

Brake Components



Brake Shoe & Lining Kit - RH — K71-682-00

Fits Dexter 10" x 2¼" electric brake, Nev-R-Adjust (3.5K).

Dx Part No.	Quantity	Parts Description
040-367-00	1	Shoe & Lining, Primary
040-368-02	1	Shoe & Lining, Secondary
046-077-00	2	Shoe Hold Down Spring, Cup
049-002-00	2	Hold Down Pin
059-045-00	1	Instruction Sheet



Brake Shoe & Lining Kit - LH — K71-698-00

Fits Dexter 10" x 2¼" electric brake, Nev-R-Adjust (4.4K).

Dx Part No.	Quantity	Parts Description
040-379-00	1	Shoe & Lining, Primary
040-380-01	1	Shoe & Lining, Secondary
046-077-00	2	Shoe Hold Down Spring, Cup
049-002-00	2	Hold Down Pin
059-045-00	1	Instruction Sheet



Brake Shoe & Lining Kit - RH — K71-699-00

Fits Dexter 10" x 2¼" electric brake, Nev-R-Adjust (4.4K).

Dx Part No.	Quantity	Parts Description
040-379-00	1	Shoe & Lining, Primary
040-380-02	1	Shoe & Lining, Secondary
046-077-00	2	Shoe Hold Down Spring, Cup
049-002-00	2	Hold Down Pin
059-045-00	1	Instruction Sheet



Brake Shoe & Lining Kit — K71-267-00

Fits Dexter 10" x 2¼" hydraulic brake.

Dx Part No.	Quantity	Parts Description
040-210-00	1	Shoe & Lining, Primary
040-211-00	1	Shoe & Lining, Secondary
046-077-00	2	Shoe Hold Down Spring, Cup
049-002-00	2	Hold Down Pin
059-260-00	1	Instruction Sheet



Brake Shoe & Lining Kit — K71-393-00

Fits Dexter 10" x 2¼" free backing hydraulic brake.

Dx Part No.	Quantity	Parts Description
040-211-00	1	Shoe & Lining, Secondary
040-291-00	1	Shoe & Lining, Primary
046-077-00	2	Shoe Hold Down Spring, Cup
049-002-00	2	Hold Down Pin
059-818-00	1	Instruction Sheet



Brake Shoe & Lining Kit — K71-423-00

Fits Dexter 10" x 2¼" free backing, corrosion resistant, hydraulic brake.

Dx Part No.	Quantity	Parts Description
040-291-03	1	Shoe & Lining, Primary
040-292-03	1	Shoe & Lining, Secondary
046-077-01	2	Shoe Hold Down Spring, Cup
049-002-00	2	Hold Down Pin
059-818-00	1	Instruction Sheet



Brake Shoe & Lining Kit — K71-127-00

Fits Dexter 12" x 2" electric brake (6K and 7K).

Dx Part No.	Quantity	Parts Description
040-215-00	1	Shoe & Lining, Primary
040-216-00	1	Shoe & Lining, Secondary
046-077-00	2	Shoe Hold Down Spring, Cup
049-011-00	2	Hold Down Pin
059-045-00	1	Instruction Sheet



Brake Shoe & Lining Kit - LH — K71-675-00

Fits Dexter 12" x 2" electric brake, Nev-R-Adjust (7K).

Dx Part No.	Quantity	Parts Description
040-215-00	1	Shoe & Lining, Primary
040-216-01	1	Shoe & Lining, Secondary
046-077-00	2	Shoe Hold Down Spring, Cup
049-011-00	2	Hold Down Pin
059-045-00	1	Instruction Sheet

Brake Components



Brake Shoe & Lining Kit - RH — K71-676-00

Fits Dexter 12" x 2" electric brake, Nev-R-Adjust (7K).

Dx Part No.	Quantity	Parts Description
040-215-00	1	Shoe & Lining, Primary
040-216-02	1	Shoe & Lining, Secondary
046-077-00	2	Shoe Hold Down Spring, Cup
049-011-00	2	Hold Down Pin
059-045-00	1	Instruction Sheet



Brake Shoe & Lining Kit — K71-268-00

Fits Dexter 12" x 2" hydraulic brake (5.2K).

Dx Part No.	Quantity	Parts Description
040-204-00	1	Shoe & Lining, Primary
040-206-00	1	Shoe & Lining, Secondary
046-077-00	2	Shoe Hold Down Spring, Cup
049-012-00	2	Hold Down Pin
059-260-00	1	Instruction Sheet



Brake Shoe & Lining Kit - LH — K71-269-00

Fits Dexter 12" x 2" hydraulic brake (7K).

Dx Part No.	Quantity	Parts Description
040-218-02	1	Shoe & Lining, Secondary
040-219-00	1	Shoe & Lining, Primary
046-077-00	2	Shoe Hold Down Spring, Cup
049-012-00	2	Hold Down Pin
059-260-00	1	Instruction Sheet



Brake Shoe & Lining Kit - RH — K71-270-00

Fits Dexter 12" x 2" hydraulic brake (7K).

Dx Part No.	Quantity	Parts Description
040-218-01	1	Shoe & Lining, Secondary
040-219-00	1	Shoe & Lining, Primary
046-077-00	2	Shoe Hold Down Spring, Cup
049-012-00	2	Hold Down Pin
059-260-00	1	Instruction Sheet



Brake Shoe & Lining Kit - LH — K71-394-00

Fits Dexter 12" x 2" free backing hydraulic brake.

Dx Part No.	Quantity	Parts Description
035-001-00	2	Shoe Hold Down Spring, Cup
040-243-08	1	Shoe & Lining, Primary
040-315-02	1	Shoe & Lining, Secondary
046-006-00	1	Shoe Hold Down Spring, No Cup
046-077-00	1	Shoe Hold Down Spring, Cup
049-002-00	1	Hold Down Pin
049-013-00	1	Hold Down Pin
059-818-00	1	Instruction Sheet



Brake Shoe & Lining Kit - RH — K71-395-00

Fits Dexter 12" x 2" free backing hydraulic brake.

Dx Part No.	Quantity	Parts Description
035-001-00	2	Shoe Hold Down Spring, Cup
040-243-09	1	Shoe & Lining, Primary
040-315-01	1	Shoe & Lining, Secondary
046-006-00	1	Shoe Hold Down Spring, No Cup
046-077-00	1	Shoe Hold Down Spring, Cup
049-002-00	1	Hold Down Pin
049-013-00	1	Hold Down Pin
059-818-00	1	Instruction Sheet



Brake Shoe & Lining Kit - LH — K71-427-00

Fits Dexter 12" x 2" free backing, corrosion resistant hydraulic brake.

Dx Part No.	Quantity	Parts Description
035-001-00	2	Shoe Hold Down Spring, Cup
040-243-06	1	Shoe & Lining, Primary
040-315-06	1	Shoe & Lining, Secondary
046-006-01	1	Shoe Hold Down Spring, No Cup
046-077-01	1	Shoe Hold Down Spring, Cup
049-002-00	1	Hold Down Pin
049-013-00	1	Hold Down Pin
059-818-00	1	Instruction Sheet



Brake Shoe & Lining Kit - RH — K71-428-00

Fits Dexter 12" x 2" free backing, corrosion resistant hydraulic brake.

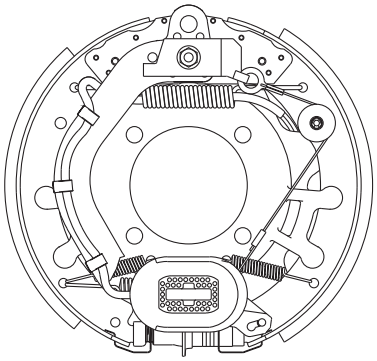
Dx Part No.	Quantity	Parts Description
035-001-00	2	Shoe Hold Down Spring, Cup
040-243-07	1	Shoe & Lining, Primary
040-315-05	1	Shoe & Lining, Secondary
046-006-01	1	Shoe Hold Down Spring, No Cup
046-077-01	1	Shoe Hold Down Spring, Cup
049-002-00	1	Hold Down Pin
049-013-00	1	Hold Down Pin
059-818-00	1	Instruction Sheet

Brake Components

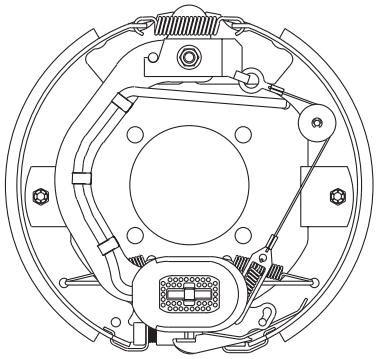
12¼" Electric Brakes

Please note that there are two styles of brakes with different shoe and lining kits. In April 2000, Dexter began manufacturing brakes with **Cast Backing Plates** rather than the old style **Stamped Backing Plates.**

Please verify which style of brake you have to ensure proper shoe and lining kit.



New Style Brake
Cast Backing Plate



Old Style Brake
Stamped Backing Plate



Brake Shoe & Lining Kit - LH or RH — K71-410-00

Stamped Backing Plate Prior to 4/00.
Fits Dexter 12¼" x 2½" electric brake (7.2K), stamped backing plate.

Dx Part No.	Quantity	Parts Description
005-107-00	2	Washer, Shoe Hold Down
006-127-00	2	Nut, Hex Locking
040-309-01	1	Shoe & Lining
040-310-01	1	Shoe & Lining



Brake Shoe & Lining Kit- LH — K71-497-00

Cast Backing Plate as of 4/00.
Fits Dexter 12¼" x 2½" electric brake (7.2K), cast backing plate.

Dx Part No.	Quantity	Parts Description
040-348-01	1	Shoe & Lining, Primary
040-349-02	1	Shoe & Lining, Secondary
059-653-00	1	Instruction Sheet



Brake Shoe & Lining Kit- RH — K71-496-00

Cast Backing Plate as of 4/00.

Fits Dexter 12¼" x 2½" electric brake (7.2K), cast backing plate.

Dx Part No.	Quantity	Parts Description
040-348-02	1	Shoe & Lining, Secondary
040-349-01	1	Shoe & Lining, Primary
059-653-00	1	Instruction Sheet



Brake Shoe & Lining Kit - LH — K71-049-00

Stamped Backing Plate Prior to 4/00.

Fits Dexter 12¼" x 3⅜" electric brake (8K, 9K, 10K GD), stamped backing plate.

Dx Part No.	Quantity	Parts Description
005-107-00	2	Washer, Shoe Hold Down
006-127-00	2	Nut, Hex Locking
040-110-01	1	Shoe & Lining, Primary
040-111-02	1	Shoe & Lining, Secondary
059-046-00	1	Instruction Sheet



Brake Shoe & Lining Kit - RH — K71-050-00

Stamped Backing Plate Prior to 4/00.

Fits Dexter 12¼" x 3⅜" electric brake (8K, 9K, 10K GD), stamped backing plate.

Dx Part No.	Quantity	Parts Description
005-107-00	2	Washer, Shoe Hold Down
006-127-00	2	Nut, Hex Locking
040-110-02	1	Shoe & Lining, Secondary
040-111-01	1	Shoe & Lining, Primary
059-046-00	1	Instruction Sheet



Brake Shoe & Lining Kit - LH — K71-499-00

Cast Backing Plate as of 4/00.

Fits Dexter 12¼" x 3⅜" electric brake (8K, 9K, 10K GD), cast backing plate.

Dx Part No.	Quantity	Parts Description
040-350-01	1	Shoe & Lining, Primary
040-351-02	1	Shoe & Lining, Secondary
059-653-00	1	Instruction Sheet

Brake Components



Brake Shoe & Lining Kit - RH — K71-498-00

Cast Backing Plate as of 4/00.

Fits Dexter 12¼" x 3⅜" electric brake (8K, 9K, 10K GD), cast backing plate.

Dx Part No.	Quantity	Parts Description
040-350-02	1	Shoe & Lining, Secondary
040-351-01	1	Shoe & Lining, Primary
059-653-00	1	Instruction Sheet



Brake Shoe & Lining Kit - LH — K71-165-00

Fits Dexter 12¼" x 3⅜" hydraulic brake (8K, 9K, 10K GD).

Dx Part No.	Quantity	Parts Description
005-107-00	2	Washer, Shoe Hold Down
006-086-00	2	Nut, Hex Locking
040-199-01	1	Shoe & Lining, Primary
040-199-02	1	Shoe & Lining, Secondary
059-101-00	1	Instruction Sheet



Brake Shoe & Lining Kit - RH — K71-166-00

Fits Dexter 12¼" x 3⅜" hydraulic brake (8K, 9K, 10K GD)

Dx Part No.	Quantity	Parts Description
005-107-00	2	Washer, Shoe Hold Down
006-086-00	2	Nut, Hex Locking
040-200-01	1	Shoe & Lining, Primary
040-200-02	1	Shoe & Lining, Secondary
059-101-00	1	Instruction Sheet



Brake Shoe & Lining Kit - LH — K71-437-00

Fits Dexter 12¼" x 3⅜" corrosion resistant, hydraulic brake (8K, 9K, 10K GD).

Dx Part No.	Quantity	Parts Description
005-107-02	2	Washer, Shoe Hold Down
006-086-00	2	Nut, Hex Locking
040-199-05	1	Shoe & Lining, Primary
040-199-06	1	Shoe & Lining, Secondary
059-101-00	1	Instruction Sheet



Brake Shoe & Lining Kit - RH — K71-438-00

Fits Dexter 12¼" x 3⅜" corrosion resistant, hydraulic brake (8K, 9K, 10K GD).

Dx Part No.	Quantity	Parts Description
005-107-02	2	Washer, Shoe Hold Down
006-086-00	2	Nut, Hex Locking
040-200-05	1	Shoe & Lining, Primary
040-200-06	1	Shoe & Lining, Secondary
059-101-00	1	Instruction Sheet



Brake Shoe & Lining Kit - LH — K71-444-00

Fits Dexter 12¼" x 3⅜" hydraulic brake - for TAG axle.

Dx Part No.	Quantity	Parts Description
005-107-00	2	Washer, Shoe Hold Down
006-086-00	2	Nut, Hex Locking
040-317-01	1	Shoe & Lining, Primary
040-317-02	1	Shoe & Lining, Secondary
059-101-00	1	Instruction Sheet



Tag Brake Shoe & Lining Kit - RH — K71-445-00

Fits Dexter 12¼" x 3⅜" hydraulic brake - for TAG axle.

Dx Part No.	Quantity	Parts Description
005-107-00	2	Washer, Shoe Hold Down
006-086-00	2	Nut, Hex Locking
040-316-01	1	Shoe & Lining, Primary
040-316-02	1	Shoe & Lining, Secondary
059-101-00	1	Instruction Sheet



Brake Shoe & Lining Kit - LH — K71-051-00

Stamped Backing Plate Prior to 4/00.

Fits Dexter 12¼" x 4" electric brake (10K HD), stamped backing plate.

Dx Part No.	Quantity	Parts Description
005-107-00	2	Washer, Shoe Hold Down
006-127-00	2	Nut, Hex Locking
040-108-01	1	Shoe & Lining, Primary
040-109-02	1	Shoe & Lining, Secondary
059-046-00	1	Instruction Sheet

Brake Components



Brake Shoe & Lining Kit - RH — K71-052-00

Stamped Backing Plate Prior to 4/00.

Fits Dexter 12¼" x 4" electric brake (10K HD), stamped backing plate.

Dx Part No.	Quantity	Parts Description
005-107-00	2	Washer, Shoe Hold Down
006-127-00	2	Nut, Hex Locking
040-109-01	1	Shoe & Lining, Primary
040-108-02	1	Shoe & Lining, Secondary
059-046-00	1	Instruction Sheet



Brake Shoe & Lining Kit - LH — K71-501-00

Cast Backing Plate as of 4/00.

Fits Dexter 12¼" x 4" electric brake (10K HD), cast backing plate.

Dx Part No.	Quantity	Parts Description
040-352-01	1	Shoe & Lining, Primary
040-353-02	1	Shoe & Lining, Secondary
059-653-00	1	Instruction Sheet



Brake Shoe & Lining Kit - RH — K71-500-00

Cast Backing Plate as of 4/00.

Fits Dexter 12¼" x 4" electric brake (10K HD), cast backing plate.

Dx Part No.	Quantity	Parts Description
040-352-02	1	Shoe & Lining, Secondary
040-353-01	1	Shoe & Lining, Primary
059-653-00	1	Instruction Sheet



Brake Shoe & Lining Kit - LH — K71-167-00

Fits Dexter 12¼" x 4" hydraulic brake (10K HD).

Dx Part No.	Quantity	Parts Description
005-107-00	2	Washer, Shoe Hold Down
006-086-00	2	Nut, Hex Locking
040-197-01	1	Shoe & Lining, Primary
040-197-02	1	Shoe & Lining, Secondary
059-101-00	1	Instruction Sheet



Brake Shoe & Lining Kit - RH — K71-168-00

Fits Dexter 12¼" x 4" hydraulic brake (10K HD).

Dx Part No.	Quantity	Parts Description
005-107-00	2	Washer, Shoe Hold Down
006-086-00	2	Nut, Hex Locking
040-198-01	1	Shoe & Lining, Primary
040-198-02	1	Shoe & Lining, Secondary
059-101-00	1	Instruction Sheet



Brake Shoe & Lining Kit - LH — K71-053-00

Stamped Backing Plate Prior to 4/00.

Fits Dexter 12¼" x 5" electric brake (12K-15K), stamped backing plate.

Dx Part No.	Quantity	Parts Description
005-107-00	2	Washer, Shoe Hold Down
006-127-00	2	Nut, Hex Locking
040-102-01	1	Shoe & Lining, Primary
040-103-02	1	Shoe & Lining, Secondary
059-046-00	1	Instruction Sheet



Brake Shoe & Lining Kit - RH — K71-054-00

Stamped Backing Plate Prior to 4/00.

Fits Dexter 12¼" x 5" electric brake (12K-15K), stamped backing plate.

Dx Part No.	Quantity	Parts Description
005-107-00	2	Washer, Shoe Hold Down
006-127-00	2	Nut, Hex Locking
040-102-02	1	Shoe & Lining, Secondary
040-103-01	1	Shoe & Lining, Primary
059-046-00	1	Instruction Sheet



Brake Shoe & Lining Kit - LH — K71-503-00

Cast Backing Plate as of 4/00.

Fits Dexter 12¼" x 5" electric brake (12K-15K), cast backing plate.

Dx Part No.	Quantity	Parts Description
040-354-01	1	Shoe & Lining, Primary
040-355-02	1	Shoe & Lining, Secondary
059-653-00	1	Instruction Sheet

Brake Components



Brake Shoe & Lining Kit - RH — K71-502-00

Cast Backing Plate as of 4/00.

Fits Dexter 12¼" x 5" electric brake (12K-15K), cast backing plate.

Dx Part No.	Quantity	Parts Description
040-354-02	1	Shoe & Lining, Secondary
040-355-01	1	Shoe & Lining, Primary
059-653-00	1	Instruction Sheet



Brake Shoe & Lining Kit - LH — K71-169-00

Fits Dexter 12¼" x 5" hydraulic brake (12K-15K).

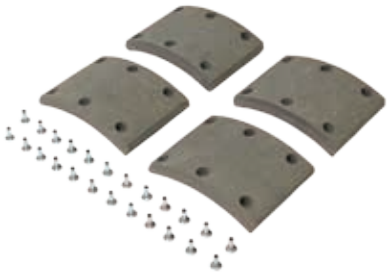
Dx Part No.	Quantity	Parts Description
005-107-00	2	Washer, Shoe Hold Down
006-086-00	2	Nut, Hex Locking
040-195-01	1	Shoe & Lining, Primary
040-195-02	1	Shoe & Lining, Secondary
059-101-00	1	Instruction Sheet



Brake Shoe & Lining Kit - RH — K71-170-00

Fits Dexter 12¼" x 5" hydraulic brake (12K-15K).

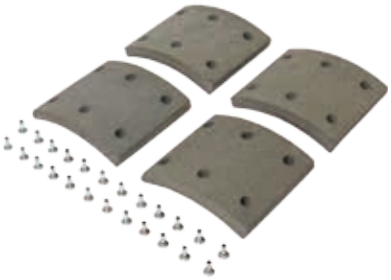
Dx Part No.	Quantity	Parts Description
005-107-00	2	Washer, Shoe Hold Down
006-086-00	2	Nut, Hex Locking
040-196-01	1	Shoe & Lining, Primary
040-196-02	1	Shoe & Lining, Secondary
059-101-00	1	Instruction Sheet



Brake Block Kit — K71-102-00

Fits Dexter 12¼" x 4" air brake.

Dx Part No.	Quantity	Parts Description
022-018-00	24	Rivet, Semi-Tubular
041-052-01	2	Brake Block, Anchor
041-052-02	2	Brake Block, Cam
059-191-00	1	Instruction Sheet



Brake Block Kit — K71-152-00

Fits Dexter 12¼" x 5" air brake.

Dx Part No.	Quantity	Parts Description
022-018-00	24	Rivet, Semi-Tubular
041-053-01	2	Brake Block, Anchor
041-053-02	2	Brake Block, Cam
059-191-00	1	Instruction Sheet



Brake Block Kit — K71-133-00

Fits Dexter 12¼" x 7½" air brake.

Dx Part No.	Quantity	Parts Description
022-018-00	48	Rivet, Semi-Tubular
041-057-01	2	Brake Block, Anchor
041-060-01	2	Brake Block, Cam
059-191-00	1	Instruction Sheet



Brake Block Kit — K71-138-00

Fits Dexter 16½" x 7" air brake.

Dx Part No.	Quantity	Parts Description
022-018-00	48	Rivet, Semi-Tubular
041-058-01	2	Brake Block, Cam
041-059-01	2	Brake Block, Anchor
059-191-00	1	Instruction Sheet

Brake Components



Disc Brake Pad Kit — K71-180-00

Fits Dexter 10K or 12K axle.

Dx Part No.	Quantity	Parts Description
006-228-00	4	Nut, Hex Locking
010-062-00	20	O-Ring
046-105-00	4	Spring, Anti-Rattle
059-214-00	1	Instruction Sheet
071-182-00	1	Installation Tool
088-008-00	1	Grease Packet
091-003-00	4	Brake Pad Assembly



Brake Pad Replacement Kit — K71-623-00

Fits Dexter 3.5K disc brakes; services two brakes.

Dx Part No.	Quantity	Parts Description
059-793-00	1	Instruction Sheet
091-006-00	1	Brake Pad Set



Brake Pad Replacement Kit — K71-629-00

Fits Dexter 6K, 7K and 8K disc brakes; services two brakes.

Dx Part No.	Quantity	Parts Description
006-289-00	2	Nut, Hex
007-469-00	2	Screw, Hex
046-145-00	2	Spring, Anti-Rattle
059-798-00	1	Instruction Sheet
091-004-00	4	Brake Pad Assembly



Brake Shoe Hardware Kit — K71-098-00

Fits "P" style Dexter 10K-27K 12¼" air brake axles; for one brake.

Dx Part No.	Quantity	Parts Description
005-072-00	4	Washer, Plain
005-073-00	4	Washer, Plain
005-076-00	2	Washer, Plain
007-137-00	1	Screw, Hex
014-057-00	2	Roller
014-104-00	2	Bushing
046-092-00	1	Spring, Retractor
056-010-00	2	Roller Pin
056-011-00	2	Anchor Pin
056-012-00	2	Retainer Pin, Retractor Spring
059-552-00	1	Instruction Sheet
069-018-00	2	Snap Ring
069-019-00	4	Snap Ring



Brake Shoe Hardware Kit — K71-460-00

Fits "PQ" style Dexter 10K-27K 12¼" air brake axles; for one brake.

Dx Part No.	Quantity	Parts Description
005-076-00	2	Washer, Plain
014-057-00	2	Roller
014-068-00	2	Bushing
046-092-00	1	Spring, Retractor
046-097-00	2	Spring, Shoe Keeper
056-010-00	2	Roller Pin
056-017-00	2	Anchor Pin
056-018-00	2	Retainer Pin
059-553-00	1	Instruction Sheet
069-018-00	2	Snap Ring



Brake Shoe Hardware Kit — K71-136-00

Fits "Q" quick change Dexter 16½" x 7" air brake axles; for one brake.

Dx Part No.	Quantity	Parts Description
014-065-00	2	Roller
014-068-00	2	Bushing
046-096-00	1	Spring, Retractor
046-097-00	2	Spring, Shoe Keeper
056-017-00	2	Anchor Pin
056-018-00	2	Retainer Pin
059-554-00	1	Instruction Sheet
071-122-00	2	Roller Retainer



Torflex 90° Hose Kit — K71-461-00

Designed for tight clearance applications. Fits all Torflex axles; for one axle.

Dx Part No.	Quantity	Parts Description
007-222-00	2	Screw, Thread Forming
027-051-00	2	Clamp
034-257-00	2	Brake Hose Assembly
034-258-00	2	Bracket, Frame/Hose
034-259-00	2	Hose Clip
059-575-00	1	Instruction Sheet

Brake Components



Electric Brake Parts Kit — K71-399-00

Fits Dexter electric brakes; contains wire connection and retention parts.

Dx Part No.	Quantity	Parts Description
027-005-00	6	Wire Clip
027-009-00	2	Retaining Clip
027-027-00	4	Wire Cap, Heat Shrink
027-039-00	6	Wire Clip
027-050-00	2	Magnet Retainer
046-007-00	2	Plug
046-016-00	2	Brake Wire Grommet
046-121-00	2	Magnet Retainer Clip
067-006-00	4	Wire Connector



Conduit Connector Kit — K71-278-00

Fits 10" x 2¼" and 12" x 2" electric brakes.

Dx Part No.	Quantity	Parts Description
005-138-00	1	Washer, Plain
006-099-00	1	Nut, Hex
007-120-00	2	Screw, Thread Forming
007-220-00	1	Screw, Hex
022-026-00	2	Rivet
027-036-00	2	Conduit Connector
027-037-00	2	Retainer
059-577-00	1	Instruction Sheet



Camshaft Repair Kit — K71-101-00

Fits "P" and "PQ" style Dexter 10K, 12K, 15K, and 12¼" x 7½" air brake axles; for one brake.

Dx Part No.	Quantity	Parts Description
005-074-00	1	Washer, "D"
005-075-00	2	Washer, Plain
005-134-00	1	Washer, Plain
010-052-00	2	Seal, Grease 1.5
014-056-00	1	Bushing
014-058-00	1	Bushing
059-663-00	1	Instruction Sheet
061-006-00	1	Grease Fitting
069-020-00	2	Snap Ring
069-078-00	1	Snap Ring



Camshaft Repair Kit — K71-135-00

Fits "Q" quick change Dexter 16½" x 7" air brake axles; for one brake.

Dx Part No.	Quantity	Parts Description
005-096-00	1	Washer, Plain
005-097-00	2	Washer, Plain
005-134-00	1	Washer, Plain
010-052-00	2	Seal, Grease 1.5
014-056-00	1	Bushing
014-058-00	1	Bushing
059-554-00	1	Instruction Sheet
061-006-00	1	Grease Fitting
069-020-00	2	Snap Ring
069-078-00	1	Snap Ring



Brake Spring Kit — K71-361-00

Fits Dexter 7" x 1½" electric brake.

Dx Part No.	Quantity	Parts Description
046-022-00	1	Spring, Adjusting Screw
046-023-00	2	Spring, Shoe Hold Down
046-024-00	1	Spring, Retractor
046-086-00	1	Spring, Magnet
046-114-00	2	Spring, Shoe Centering



Brake Spring Kit — K71-362-00

Fits Dexter 10" x 1½" electric brake.

Dx Part No.	Quantity	Parts Description
046-018-00	1	Spring, Adjuster
046-077-00	2	Shoe Hold Down Spring, Cup
046-084-00	1	Spring, Retractor
046-175-00	1	Spring, Magnet



Brake Spring Kit

Fits Dexter 10" x 2¼" and 12" x 2" electric brakes without parking feature.

Dx Part No.	Quantity	Parts Description
046-009-00	2	Spring, Retractor
046-018-00	1	Spring, Adjuster
046-077-00	2	Shoe Hold Down Spring, Cup
046-175-00	1	Spring, Magnet



Brake Spring Kit — K71-426-00

Fits Dexter 10" x 2¼" free backing, corrosion resistant hydraulic brake.

Dx Part No.	Quantity	Parts Description
046-009-01	1	Retractor Spring
046-077-01	2	Shoe Hold Down Spring, Cup
046-083-01	1	Adjuster Spring
046-107-03	1	Spring, Shoe Lever Return
046-108-03	1	Spring, Primary Shoe Return

Brake Components



Brake Spring Kit — K71-434-00

Fits Dexter 12" x 2" free backing, corrosion resistant hydraulic brake.

Dx Part No.	Quantity	Parts Description
035-001-00	2	Shoe Hold Down Spring, Cup
046-006-01	1	Shoe Hold Down Spring, No Cup
046-077-01	1	Shoe Hold Down Spring, Cup
046-101-01	1	Retractor Spring
046-107-03	1	Spring, Shoe Lever Return
046-108-03	1	Spring, Primary Shoe Return
046-123-01	1	Spring, Adjuster



Brake Spring Kit — K71-412-00

Fits Dexter 12¼" x 2½" electric brake.

Dx Part No.	Quantity	Parts Description
046-018-00	1	Spring, Adjuster
046-117-00	1	Spring, Magnet
046-119-00	1	Retractor Spring
046-120-00	2	Spring, Shoe Centering
046-136-00	2	Spring, Shoe Centering



Brake Spring Kit — K71-421-00

Fits Dexter 12¼" x 3⅜", 12¼" x 4" and 12¼" x 5" electric brake with stamped backing plate.

Dx Part No.	Quantity	Parts Description
046-071-00	1	Spring, Shoe Return
046-072-00	1	Spring, Adjuster
046-083-00	1	Spring, Shoe Return
046-136-00	2	Spring, Shoe Centering
059-659-00	1	Instruction Sheet



Brake Spring Kit — K71-506-00

Fits Dexter 12¼" x 3⅜", 12¼" x 4" and 12¼" x 5" electric brake with cast backing plate.

Dx Part No.	Quantity	Parts Description
046-119-00	1	Retractor Spring
046-136-00	2	Spring, Shoe Centering
046-137-00	1	Adjuster Spring, FSA



Brake Spring Kit — K71-422-00

Fits Dexter 12¼" x 3⅜", 12¼" x 4" and 12¼" x 5" hydraulic brake.

Dx Part No.	Quantity	Parts Description
046-072-00	1	Spring, Adjuster
046-087-00	1	Spring, Retractor



Brake Spring Kit — K71-440-00

Fits Dexter 12¼" x 3⅜", 12¼" x 4" and 12¼" x 5" corrosion resistant hydraulic brake.

Dx Part No.	Quantity	Parts Description
046-072-01	1	Spring, Adjuster
046-087-01	1	Spring, Retractor



Adjusting Screw & Spring Kit — K71-323-00

Fits Dexter 7" x 1¼" electric brake.

Dx Part No.	Quantity	Parts Description
043-021-00	1	Adjuster Screw Assembly
046-022-00	1	Spring, Adjusting Screw



Adjusting Screw & Spring Kit — K71-411-00

Fits Dexter 12¼" x 2½" electric brake (7.2K) and all 12¼" manual adjust.

Dx Part No.	Quantity	Parts Description
046-018-00	1	Spring, Adjuster
048-017-00	1	Adjuster Assembly

Brake Components



Adjusting Screw & Spring Kit — K71-703-00

Fits Dexter 10" electric Nev-R-Adjust brakes, LH and RH.

Dx Part No.	Quantity	Parts Description
046-139-00	2	Spring, Adjuster
046-140-00	1	Spring, Adjuster Lever Torsion
046-141-00	1	Spring, Adjuster Lever Torsion
048-022-00	1	Adjuster Screw Assembly, LH
048-023-00	1	Adjuster Screw Assembly, RH
071-529-00	2	Cable Anchor Hook
071-532-01	1	Adjusting Lever, 10 " Electric LH
071-532-02	1	Adjusting Lever, 10" Electric RH
071-533-00	2	Adjuster Cable
071-655-01	1	Adjuster Cable, LH
071-655-02	1	Adjuster Cable, RH
071-656-00	2	Adjuster Cable



Adjusting Screw & Spring Kit — K71-324-00

Fits Dexter 10" x 1½", 10" x 2¼" hydraulic and electric, and 12" x 2" electric brakes.

Dx Part No.	Quantity	Parts Description
043-004-02	1	Adjuster Screw Assembly
046-018-00	1	Spring, Adjuster



Adjusting Screw & Spring Kit — K71-679-00

Fits Dexter 12" x 2" electric Nev-R-Adjust brakes, LH and RH.

Dx Part No.	Quantity	Parts Description
046-139-00	2	Spring, Adjuster
046-140-00	1	Spring, Adjuster Lever Torsion
046-141-00	1	Spring, Adjuster Lever Torsion
048-022-00	1	Adjuster Screw Assembly, LH
048-023-00	1	Adjuster Screw Assembly, RH
071-528-00	2	Adjuster Cable
071-529-00	2	Cable Anchor Hook
071-530-01	1	Self Adjusting Lever, LH
071-530-02	1	Self Adjusting Lever, RH



Adjusting Screw & Spring Kit — K71-397-00

Fits Dexter 10" x 2¼" free backing hydraulic brakes.

Dx Part No.	Quantity	Parts Description
043-004-02	1	Adjuster Screw Assembly
046-083-01	1	Adjuster Spring



Adjusting Screw & Spring Kit — K71-396-00

Fits Dexter 12" x 2" hydraulic brakes.

Dx Part No.	Quantity	Parts Description
043-029-01	1	Adjuster Screw Assembly
046-102-00	1	Spring, Adjuster



Adjusting Screw & Spring Kit — K71-398-00

Fits Dexter 12" x 2" free backing hydraulic brakes.

Dx Part No.	Quantity	Parts Description
043-028-00	1	Adjuster Screw Assembly
046-123-01	1	Spring, Adjuster



Brake Adjuster Kit — K71-418-00

Fits Dexter 12¼" x 3⅜", 12¼" x 4" and 12¼" x 5" electric brakes with stamped backing plate; for one axle.

Dx Part No.	Quantity	Parts Description
046-073-00	1	Spring, Adjuster Level, LH
046-074-00	1	Spring, Adjuster Level, RH
048-009-00	1	Adjuster Screw Assembly, LH
048-010-00	1	Adjuster Screw Assembly, RH
071-019-01	1	Adjusting Lever - LH
071-019-02	1	Adjusting Lever - RH
071-020-00	2	Adjuster Cable



Brake Adjuster Kit - LH — K71-504-00

Fits Dexter 12¼" x 3⅜", 12¼" x 4" and 12¼" x 5" electric brakes with cast backing plate.

Dx Part No.	Quantity	Parts Description
048-019-00	1	Adjuster Screw Assembly, LH
071-462-00	1	Adjuster Cable
071-464-00	1	Self Adjusting Lever, LH

Brake Components



Brake Adjuster Kit - RH — K71-505-00

Fits Dexter 12¼" x 3⅜", 12¼" x 4" and 12¼" x 5" electric brake with cast backing plate.

Dx Part No.	Quantity	Parts Description
048-020-00	1	Adjuster Screw Assembly, RH
071-462-00	1	Adjuster Cable
071-463-00	1	Self Adjusting Lever, RH



Brake Adjuster Kit — K71-417-00

Fits Dexter 12¼" x 3⅜", 12¼" x 4" and 12¼" x 5" hydraulic brakes (prior to 2/97); for one axle.

Dx Part No.	Quantity	Parts Description
046-073-00	1	Spring, Adjuster Level, LH
046-074-00	1	Spring, Adjuster Level, RH
048-009-00	1	Adjuster Screw Assembly, LH
048-010-00	1	Adjuster Screw Assembly, RH
071-019-01	1	Adjusting Lever - LH
071-019-02	1	Adjusting Lever - RH
071-443-00	2	Adjuster Cable



Brake Adjuster Kit — K71-439-00

Fits Dexter 12¼" x 3⅜" corrosion resistant self-adjusting hydraulic brakes, 8K only (prior to 2/97).

Dx Part No.	Quantity	Parts Description
046-073-01	1	Spring, Adjuster Level, LH
046-074-01	1	Spring, Adjuster Level, RH
048-009-00	1	Adjuster Screw Assembly, LH
048-010-00	1	Adjuster Screw Assembly, RH
071-019-03	1	Adjusting Lever - LH
071-019-04	1	Adjusting Lever - RH
071-443-00	2	Adjuster Cable



Brake Adjuster Kit — K71-472-00

Fits Dexter 12¼" forward self-adjusting hydraulic brakes (after 2/97).

Dx Part No.	Quantity	Parts Description
046-132-00	2	Clip, Adjuster
046-133-00	2	Clip, Adjuster
046-134-00	1	Adjuster Spring, RH
046-135-00	1	Adjuster Spring, LH
048-019-00	1	Adjuster Screw Assembly, LH
048-020-00	1	Adjuster Screw Assembly, RH
071-462-00	2	Adjuster Cable
071-463-00	1	Self Adjusting Lever, RH
071-464-00	1	Self Adjusting Lever, LH



Brake Retrofit Kit — K71-458-00

Fits Dexter 12¼" x 3⅜" and 12¼" x 4" electric brakes, forward self-adjust; services two brakes (10K HD).

Dx Part No.	Quantity	Parts Description
006-062-00	2	Nut, Flange
006-092-01	2	Nut, Flange
027-039-00	6	Wire Clip
027-050-00	2	Magnet Retainer
033-084-00	2	Spacer, Tubular
047-123-37	1	Actuator Arm Assembly, RH
047-123-38	1	Actuator Arm Assembly, LH
059-572-00	1	Instruction Sheet
071-455-01	1	Shoe Hold Down Bracket, LH
071-455-02	1	Shoe Hold Down Bracket, RH



Brake Retrofit Kit — K71-459-00

Fits Dexter 12¼" x 5" electric brakes, forward self-adjust; services two brakes (12K-15K).

Dx Part No.	Quantity	Parts Description
006-062-00	2	Nut, Flange
006-092-01	2	Nut, Flange
027-039-00	6	Wire Clip
027-050-00	2	Magnet Retainer
033-084-00	2	Spacer, Tubular
047-123-35	1	Actuator Arm Assembly, RH
047-123-36	1	Actuator Arm Assembly, LH
059-572-00	1	Instruction Sheet
071-455-01	1	Shoe Hold Down Bracket, LH
071-455-02	1	Shoe Hold Down Bracket, RH



Brake Retrofit Kit — K71-465-00

Fits Dexter 12¼" hydraulic brakes, forward self-adjust; services two brakes (8K-15K). Not for brakes with parking feature.

Dx Part No.	Quantity	Parts Description
046-131-01	2	Spring, Extension
046-134-00	1	Adjuster Spring, RH
046-135-00	1	Adjuster Spring, LH
048-019-00	1	Adjuster Screw Assembly, LH
048-020-00	1	Adjuster Screw Assembly, RH
059-578-00	1	Instruction Sheet
071-456-00	2	Bracket, Cable Attachment
071-462-00	2	Adjuster Cable
071-463-00	1	Self Adjusting Lever, RH
071-464-00	1	Self Adjusting Lever, LH

Brake Components



Brake & Hub-Drum Kit — K71-509-00

Converts one idler axle to 7" electric brakes with 4-4.00 BC (2.2K).

Dx Part No.	Quantity	Parts Description
005-101-00	2	Washer, Tang
006-017-00	8	Nut, Hex
006-080-00	8	Nut, Cone 60-deg
008-173-16	2	Hub-Drum, 2.2K, 440, 7" Electric Brake, Cupped & Studded
010-009-00	2	Seal, Grease 1.50 ID
019-002-00	2	Cotter Pin
021-003-00	2	Grease Cap
023-047-00	1	7" x 1¼" 2.2K Electric LH
023-048-00	1	7" x 1¼" 2.2K Electric RH
031-031-02	4	Bearing Cone (L44649)



Brake & Hub-Drum Kit — K71-508-00

Converts one idler axle to 7" electric brakes with 5-4.50 BC (2.2K).

Dx Part No.	Quantity	Parts Description
005-101-00	2	Washer, Tang
006-017-00	8	Nut, Hex
006-080-00	10	Nut, Cone 60-deg
008-257-05	2	Hub-Drum, 2.2K, 545, 7" Electric Only, Cupped & Studded
010-009-00	2	Seal, Grease 1.50 ID
019-002-00	2	Cotter Pin
021-003-00	2	Grease Cap
023-047-00	1	7" x 1¼" 2.2K Electric LH
023-048-00	1	7" x 1¼" 2.2K Electric RH
031-031-02	4	Bearing Cone (L44649)



Brake & Hub-Drum Kit - LH — K71-510-00

Converts idler to brake axle; contains 10" electric brakes with 5-4.50 BC hub-drum (3.5K).

Dx Part No.	Quantity	Parts Description
005-023-00	1	Washer, "D"
006-017-00	4	Nut, Hex
006-080-00	5	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-247-05	1	Hub-Drum, 3.5K, 545, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-003-00	1	Grease Cap
023-026-00	1	10" x 2¼" 3.5K Electric LH
031-031-02	1	Bearing Cone (L44649)
031-033-02	1	Bearing Cone (L68149)



Brake & Hub-Drum Kit - RH — K71-511-00

Converts idler to brake axle; contains 10" electric brakes with 5-4.50 BC hub-drum (3.5K).

Dx Part No.	Quantity	Parts Description
005-023-00	1	Washer, "D"
006-017-00	4	Nut, Hex
006-080-00	5	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-247-05	1	Hub-Drum, 3.5K, 545, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-003-00	1	Grease Cap
023-027-00	1	10" x 2¼" 3.5K Electric RH
031-031-02	1	Bearing Cone (L44649)
031-033-02	1	Bearing Cone (L68149)



Disc Brake Retrofit Kit - LH or RH — K71-633-00

Fits Dexter 3.5K axles; for one brake, LH or RH.

Dx Part No.	Quantity	Parts Description
006-017-00	4	Nut, Hex
008-248-22	1	Hub, 3.5K, 545, Long Stud, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-041-02	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
031-033-02	1	Bearing Cone (L68149)
059-806-00	1	Instruction Sheet
085-001-00	1	Rubber Plug
090-004-01	1	Yoke Assembly, 3.5K
K71-624-00	1	Caliper Replacement Kit, 3.5K
K71-626-00	1	Rotor Replacement Kit, 3.5K



Disc Brake Retrofit Kit - LH — K71-638-00

Fits Dexter 6K axles; for one brake.

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
008-403-05	1	Hub, 6K, 655, Disc Brake, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
021-042-01	1	Grease Cap
031-029-02	1	Bearing Cone (15123)
031-030-02	1	Bearing Cone (25580)
059-815-00	1	Instruction Sheet
070-009-02	1	Rotor, 6K, 655, E-Coated
085-001-00	1	Rubber Plug
088-023-00	1	Thread Locker Sealant, Blue Liquid
090-005-01	1	Yoke Assembly, 6K
091-004-00	2	Brake Pad Assembly
K71-636-00	1	Caliper Replacement Kit, 6K

Brake Components



Disc Brake Retrofit Kit - RH — K71-639-00

Fits Dexter 6K axles; for one brake.

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
008-403-05	1	Hub, 6K, 655, Disc Brake, Cupped & Studded
010-036-00	1	Seal, 2.25
021-042-01	1	Grease Cap
031-029-02	1	Bearing Cone (15123)
031-030-02	1	Bearing Cone (25580)
059-815-00	1	Instruction Sheet
070-009-02	1	Rotor, 6K, 655, E-Coated
085-001-00	1	Rubber Plug
088-023-00	1	Thread Locker Sealant, Blue Liquid
090-005-02	1	Yoke Assembly, 6K
091-004-00	2	Brake Pad Assembly
K71-636-00	1	Caliper Replacement Kit, 6K



Disc Brake Retrofit Kit - LH — K71-647-00

Fits Dexter 6K, 6 bolt axles equipped with Nev-R-Lube (42mm bearing).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
008-404-80	1	Hub, 6K, 655, Disc Brake, 42MM, Cupped & Studded
021-085-00	1	Grease Cap
059-824-00	1	Instruction Sheet
070-009-02	1	Rotor, 6K, 655, E-Coated
088-023-00	1	Thread Locker Sealant, Blue Liquid
090-006-01	1	Yoke Assembly, 6K
091-004-00	2	Brake Pad Assembly
K71-636-00	1	Caliper Replacement Kit, 6K



Disc Brake Retrofit Kit - RH — K71-648-00

Fits Dexter 6K, 6 bolt axles equipped with Nev-R-Lube (42mm bearing).

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
008-404-80	1	Hub 6K 655 42Mm Disc Brake
021-085-00	1	Grease Cap
059-824-00	1	Instruction Sheet
070-009-02	1	Rotor
088-023-00	1	Thread Locker Sealant, Blue Liquid
090-006-02	1	Yoke Assembly, 6K
091-004-00	2	Brake Pad Assembly
K71-636-00	1	Caliper Replacement Kit, 6K



Disc Brake Retrofit Kit - LH — K71-694-00

Fits Dexter 7K axles; for one brake.

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
059-877-00	1	Instruction Sheet
088-023-00	1	Thread Locker Sealant, Blue Liquid
090-008-01	1	Yoke Assembly, 7K
091-004-00	2	Brake Pad Assembly
K71-693-00	1	Caliper Replacement Kit, 7k



Disc Brake Retrofit Kit - RH — K71-695-00

Fits Dexter 7K axles; for one brake.

Dx Part No.	Quantity	Parts Description
006-193-00	5	Nut, Hex
059-877-00	1	Instruction Sheet
088-023-00	1	Thread Locker Sealant, Blue Liquid
090-008-02	1	Yoke Assembly, 7K
091-004-00	2	Brake Pad Assembly
K71-693-00	1	Caliper Replacement Kit, 7k



Disc Brake Retrofit Kit — K71-635-00

Fits Dexter 8K axles; for one brake.

Dx Part No.	Quantity	Parts Description
005-058-00	4	Washer, Lock
006-129-01	4	Nut, Hex
007-097-00	4	Bolt, Hex
059-808-00	1	Instruction Sheet
070-007-02	1	Rotor, 8K, 865, E-Coated
008-023-00	1	Thread Locker Sealant, Blue Liquid
090-003-01	1	Yoke Assembly, 8K
091-004-00	2	Brake Pad Assembly
K71-630-00	1	Caliper Replacement Kit, 8K

Note: Use K71-635-00 with one of the following hub assemblies (separate kit):

008-399-90	Hub Assembly with 9⁄16" Studs; Grease; 8-6.50
088-399-91	Hub Assembly with 9⁄16" Studs; Oil; 8-6.50
008-399-92	Hub Assembly with 5⁄8" Studs; Grease; 8-6.50
008-399-93	Hub Assembly with 5⁄8" Studs; Oil; 8-6.50



Disc Brake Retrofit Kit — K71-646-00

Fits Dexter 8K axles equipped with Nev-R-Lube (50mm bearing); LH or RH.

Dx Part No.	Quantity	Parts Description
005-058-00	4	Washer, Lock
006-129-01	4	Nut, Hex
007-097-00	4	Bolt, Hex
059-824-00	1	Instruction Sheet
070-007-02	1	Rotor, 8K, 865, E-Coated
088-023-00	1	Thread Locker Sealant, Blue Liquid
090-007-01	1	Yoke Assembly, 8K
091-004-00	2	Brake Pad Assembly
K71-630-00	1	Caliper Replacement Kit, 8K

Note: Use K71-646-00 with one of the following hub assemblies (separate kit):

008-402-90	Hub Assembly with 9⁄16" Studs; 8 Bolt
008-402-91	Hub Assembly with 5⁄8" Studs; 8 Bolt

Complete Hub & Hub-Drum Kits



Hub Kit — K08-091-90

For 2K idler axle, 4-4.00 BC, tapped holes, ½"-20, grease lube.

Dx Part No.	Quantity	Parts Description
007-040-00	4	Bolt, 60-deg
008-091-04	1	Hub, 2.2K, 440, Tapped w/Cups
010-009-00	1	Seal, Grease 1.50 ID
021-003-00	1	Grease Cap
031-031-02	2	Bearing Cone (L44649)
059-831-00	1	Instruction Sheet



Hub Kit — K08-091-91

For 2K idler axle, 4-4.00 BC, studded ½"-20, grease lube.

Dx Part No.	Quantity	Parts Description
006-080-00	4	Nut, Cone 60-deg
008-091-05	1	Hub, 2.2K, 440, Cupped & Studded
010-009-00	1	Seal, Grease 1.50 ID
021-003-00	1	Grease Cap
031-031-02	2	Bearing Cone (L44649)
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-257-90

For 2K axle, 5-4.50 BC, studded ½"-20, seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
007-040-00	5	Bolt, 60-deg
008-257-04	1	Hub-Drum, 2.2K, 545, 7" Electric Brake, Tapped w/Cups
010-009-00	1	Seal, Grease 1.50 ID
021-003-00	1	Grease Cap
031-031-02	2	Bearing Cone (L44649)
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-257-91

For 2K electric brake axle, 5-4.50 BC, studded ½"-20, seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
008-257-05	1	Hub-Drum, 2.2K, 545, 7" Electric Brake, Cupped & Studded
010-009-00	1	Seal, Grease 1.50 ID
021-003-00	1	Grease Cap
031-031-02	2	Bearing Cone (L44649)
059-831-00	1	Instruction Sheet

Complete Hub & Hub-Drum Kits



Hub Kit — K08-259-91

For 2K axle, 5-4.50 BC, studded ½"-20, seal, standard grease cap, for 8"-12" wheels only.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
008-259-05	1	Hub, 2.2K, 545, 5.50" Dia. Hub Face, Cupped & Studded
010-009-00	1	Seal, Grease 1.50 ID
021-003-00	1	Grease Cap
031-031-02	2	Bearing Cone (L44649)
059-831-00	1	Instruction Sheet



Hub Kit — K08-259-92

For 2K axle; 5-4.50 BC, studded ½"-20, seal, ecoat, E-Z Lube grease cap, for 8"-12" wheels only.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-259-10	1	Hub, 2.2K, 545, 5.50" Dia. Hub Face, E-Coat, Cupped & Studded
010-060-00	1	Seal, Oil 1.50 ID
021-041-01	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug



Hub Kit — K08-258-91

For 2K axle, 5-4.50 BC, studded ½"-20, seal, standard grease cap, for 13"-15" wheels only.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
008-258-05	1	Hub, 2.2K, 545, 6.50" Dia. Hub Face, Cupped & Studded
010-009-00	1	Seal, Grease 1.50 ID
021-003-00	1	Grease Cap
031-031-02	2	Bearing Cone (L44649)
059-831-00	1	Instruction Sheet



Hub Kit — K08-258-92

For 2K axle, 5-4.50 BC, studded ½"-20, seal, ecoat, E-Z Lube grease cap, for 13"-15" wheels only.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-258-10	1	Hub, 2.2K, 545, 6.50" Dia. Hub Face, E-Coat, Cupped & Studded
010-060-00	1	Seal, Oil 1.50 ID
021-041-01	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug

Complete Hub & Hub-Drum Kits



Hub-Drum Kit — K08-418-90

For 3K axle, 5-4.50 BC, studded ½"-20, 1.718 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
008-418-02	1	Hub-Drum, 3K, 545, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-003-00	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
031-032-02	1	Bearing Cone (LM67048)
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-418-91

For 3K axle, 5-4.50 BC, studded ½"-20, 1.718 seal, E-Z Lube grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-418-02	1	Hub-Drum, 3K, 545, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-041-01	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
031-032-02	1	Bearing Cone (LM67048)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug



Hub-Drum Kit — K08-247-90

For 3.5K axle, 5-4.50 BC studded ½"-20, 1.718 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
008-247-05	1	Hub-Drum, 3.5K, 545, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-003-00	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
031-033-02	1	Bearing Cone (L68149)
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-247-94

For 3.5K axle, 5-4.50 BC, studded ½"-20, 1.718 seal, E-Z Lube grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-247-05	1	Hub-Drum, 3.5K, 545, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-041-01	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
031-033-02	1	Bearing Cone (L68149)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug

Complete Hub & Hub-Drum Kits



Hub Kit — K08-248-90

For 3.5K idler axle, 5-4.50 BC, studded ½"-20, 1.718 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
008-248-05	1	Hub, 3.5K, 545, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-003-00	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
031-033-02	1	Bearing Cone (L68149)
059-831-00	1	Instruction Sheet



Hub Kit — K08-248-95

For 3.5K axle, 5-4.50 BC, studded ½"-20, 1.718 seal, E-Z Lube grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-248-05	1	Hub, 3.5K, 545, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-041-01	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
031-033-02	1	Bearing Cone (L68149)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug



Hub Kit — K08-248-96

For 3.5K axle, 5-4.50 BC, studded ½"-20, 1.718 seal, ecoat, E-Z Lube grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-248-19	1	Hub, 3.5K, 545, E-Coat, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-041-01	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
031-033-02	1	Bearing Cone (L68149)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug



Hub Kit — K08-248-9D

For 3.5K axle, 5-4.50 BC, studded ½"-20, 1.718 seal, ecoat, standard grease cap, with grease seal and cap only.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
008-248-05	1	Hub, 3.5K, 545, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-003-00	1	Grease Cap
059-831-00	1	Instruction Sheet

Complete Hub & Hub-Drum Kits



Hub-Drum Kit — K08-247-93

For 3.5K axle, 5-4.75 BC, studded ½"-20, 1.718 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
008-247-12	1	Hub-Drum, 3.5K, 5475, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-003-00	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
031-033-02	1	Bearing Cone (L68149)
059-831-00	1	Instruction Sheet



Hub Kit — K08-248-92

For 3.5K idler axle, 5-4.75 BC, studded ½"-20, 1.718 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
008-248-10	1	Hub, 3.5K, 5475, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-003-00	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
031-033-02	1	Bearing Cone (L68149)
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-249-90

For 3.5K axle, 5-5.50 BC, studded ½"-20, 1.718 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
008-249-05	1	Hub-Drum, 3.5K, 555, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-003-00	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
031-033-02	1	Bearing Cone (L68149)
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-249-91

For 3.5K axle, 5-5.00 BC, studded ½"-20, 1.718 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
008-249-07	1	Hub-Drum, 3.5K, 550, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-003-00	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
031-033-02	1	Bearing Cone (L68149)
059-831-00	1	Instruction Sheet

Complete Hub & Hub-Drum Kits



Hub-Drum Kit — K08-250-90

For 3.5K axle, 6-5.50 BC, studded ½"-20, 1.718 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	6	Nut, Cone 60-deg
008-250-05	1	Hub-Drum, 3.5K, 655, Cupped & Studded
010-019-00	1	Seal, Grease 1.72
021-003-00	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
031-033-02	1	Bearing Cone (L68149)
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-250-91

For 3.5K axle, 6-5.50 BC, studded ½"-20, 1.718 seal, E-Z Lube grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	6	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-250-05	1	Hub-Drum, 3.5K, 655, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-041-01	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
031-033-02	1	Bearing Cone (L68149)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug



Hub Kit — K08-251-90

For 3.5K idler axle, 6-5.50 BC, studded ½"-20, 1.718 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	6	Nut, Cone 60-deg
008-251-05	1	Hub, 3.5K 655, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-003-00	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
031-033-02	1	Bearing Cone (L68149)
059-831-00	1	Instruction Sheet



Hub Kit — K08-256-90

For 3.5K idler axle, 5-5.50 BC, studded ½"-20, 1.718 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
008-256-05	1	Hub, 3.5K, 550, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-003-00	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
031-033-02	1	Bearing Cone (L68149)
059-831-00	1	Instruction Sheet

Complete Hub & Hub-Drum Kits



Hub Kit — K08-256-91

For 3.5K idler axle, 5-5.00 BC, studded ½"-20, 1.718 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
008-256-07	1	Hub, 3.5K, 550, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-003-00	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
031-033-02	1	Bearing Cone (L68149)
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-426-90

For 4K axle, 5-4.50 BC, studded ½"-20, 1.718 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
008-426-05	1	Hub-Drum, 4K, 545, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-003-00	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
031-033-02	1	Bearing Cone (L68149)
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-426-91

For 4K axle, 5-4.50 BC, studded ½"-20, 1.718 seal, E-Z Lube grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	5	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-426-05	1	Hub-Drum, 4K, 545, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
021-041-01	1	Grease Cap
031-031-02	1	Bearing Cone (L44649)
031-033-02	1	Bearing Cone (L68149)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug

Complete Hub & Hub-Drum Kits



Hub-Drum Kit — K08-407-90

For 4.4K axle, 6-5.50 BC, studded ½"-20, 1.718 seal, E-Z Lube grease cap.

Dx Part No.	Quantity	Parts Description
005-023-00	1	Washer, "D"
006-080-00	6	Nut, Cone 60-deg
006-176-00	1	Nut, Slotted
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-407-05	1	Hub-Drum, 4.4K, 655, Cupped & Studded
010-019-00	1	Seal, Grease 1.72 ID
019-002-00	1	Cotter Pin
021-001-00	1	Grease Cap
021-042-01	1	Grease Cap
031-032-02	1	Bearing Cone (LM67048)
031-033-02	1	Bearing Cone (L68149)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug



Hub-Drum Kit — K08-201-90

For 5.2K axle, 6-5.50 BC, studded ½"-20, 2.125 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	6	Nut, Cone 60-deg
008-201-05	1	Hub-Drum, 5.2K, 655, LM67010 Outer, Cupped & Studded
010-010-00	1	Seal, Oil 2.125 ID
021-001-00	1	Grease Cap
031-030-02	1	Bearing Cone (25580)
031-032-02	1	Bearing Cone (LM67048)
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-201-94

For 5.2K axle, 6-5.50 BC, studded ½"-20, 2.125 seal, E-Z Lube grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	6	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-201-05	1	Hub-Drum, 5.2K, 655, LM67010 Outer, Cupped & Studded
010-010-00	1	Seal, Oil 2.125 ID
021-042-01	1	Grease Cap
031-030-02	1	Bearing Cone (25580)
031-032-02	1	Bearing Cone (LM67048)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug

Complete Hub & Hub-Drum Kits



Hub-Drum Kit — K08-201-97

For 5.2K axle, 6-5.50 BC, studded ½"-20, 2.25 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	6	Nut, Cone 60-deg
008-201-05	1	Hub-Drum, 5.2K, 655, LM67010 Outer, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
021-001-00	1	Grease Cap
031-030-02	1	Bearing Cone (25580)
031-032-02	1	Bearing Cone (LM67048)
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-201-98

For 5.2K axle, 6-5.50 BC, studded ½"-20, 2.25 seal, E-Z Lube grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	6	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-201-05	1	Hub-Drum, 5.2K, 655, LM67010 Outer, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
021-042-01	1	Grease Cap
031-030-02	1	Bearing Cone (25580)
031-032-02	1	Bearing Cone (LM67048)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug



Hub Kit — K08-213-90

For 5.2K idler axle, 6-5.50 BC, studded ½"-20, 2.125 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	6	Nut, Cone 60-deg
008-213-05	1	Hub, 5.2K, 655, LM67010 Outer, Cupped & Studded
010-010-00	1	Seal, Oil 2.125 ID
021-001-00	1	Grease Cap
031-030-02	1	Bearing Cone (25580)
031-032-02	1	Bearing Cone (LM67048)
059-831-00	1	Instruction Sheet



Wheel-Drum Kit — K08-174-90

For demountable 7K UTG axle, studded, 2.125 seal.

Dx Part No.	Quantity	Parts Description
006-005-00	5	Nut, Hex
008-174-05	1	Wheel-Drum, 7K, UTG, Cupped & Studded
010-010-00	1	Seal 2.125 ID
015-002-00	5	Rim Clamp
021-001-00	1	Grease Cap
031-029-02	1	Bearing Cone Inner (15123)
031-030-02	1	Bearing Cone Outer (25580)
059-831-00	1	Instruction Sheet

Complete Hub & Hub-Drum Kits



Wheel-Drum Kit — K08-174-93

For demountable 7K UTG axle, studded, 2.25 seal.

Dx Part No.	Quantity	Parts Description
006-005-00	5	Nut, Hex
008-174-05	1	Wheel-Drum, 7K, UTG, Cupped & Studded
010-036-00	1	Seal 2.25 ID
015-002-00	5	Rim Clamp
021-001-00	1	Grease Cap
031-029-02	1	Bearing Cone Inner (15123)
031-030-02	1	Bearing Cone Outer (25580)
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-201-91

For 6K axle, 6-5.50 BC, studded ½"-20, 2.125 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	6	Nut, Cone 60-deg
008-201-09	1	Hub-Drum, 6K,15245 Outer, Cupped & Studded
010-010-00	1	Seal, Oil 2.125 ID
021-001-00	1	Grease Cap
031-029-02	1	Bearing Cone (15123)
031-030-02	1	Bearing Cone (25580)
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-201-95

For 6K axle, 6-5.50 BC, studded ½"-20, 2.125 seal, E-Z Lube grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	6	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-201-09	1	Hub-Drum, 6K,15245 Outer, Cupped & Studded
010-010-00	1	Seal, Oil 2.125 ID
021-042-01	1	Grease Cap
031-029-02	1	Bearing Cone (15123)
031-030-02	1	Bearing Cone (25580)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug



Hub-Drum Kit — K08-201-9A

For 6K axle, 6-5.50 BC, studded ½"-20, 2.25 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	6	Nut, Cone 60-deg
008-201-09	1	Hub-Drum, 6K,15245 Outer, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
021-001-00	1	Grease Cap
031-029-02	1	Bearing Cone (15123)
031-030-02	1	Bearing Cone (25580)
059-831-00	1	Instruction Sheet

Complete Hub & Hub-Drum Kits



Hub Kit — K08-213-9C

For 6K idler axle, 6-5.50 BC, studded ½"-20, 2.25 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	6	Nut, Cone 60-deg
008-213-09	1	Hub, 6K, 655, 15245 Outer, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
021-001-00	1	Grease Cap
031-029-02	1	Bearing Cone (15123)
031-030-02	1	Bearing Cone (25580)
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-219-90

For 7K axle, 8-6.50 BC, studded ½"-20, 2.125 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	8	Nut, Cone 60-deg
008-219-04	1	Hub-Drum, 7K, 865, ½"-20, Cupped & Studded
010-010-00	1	Seal, Oil 2.125 ID
021-039-00	1	Grease Cap
031-017-02	1	Bearing Cone (14125A)
031-030-02	1	Bearing Cone (25580)
059-831-00	1	Instruction Sheet



Hub Kit — K08-231-92

For 7K axle, 8-6.50 BC, studded ½"-20, 2.125 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	8	Nut, Cone 60-deg
008-231-09	1	Hub, 7K, 865, ½"-20, Cupped & Studded
010-010-00	1	Seal, Oil 2.125 ID
021-039-00	1	Grease Cap
031-017-02	1	Bearing Cone (14125A)
031-030-02	1	Bearing Cone (25580)
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-219-91

For 7K axle, 8-6.50 BC, studded 9/16"-18, 2.125 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-053-00	8	Nut, Cone 60-deg
008-219-13	1	Hub-Drum, 7K, 865, 9/16"-18, Cupped & Studded
010-010-00	1	Seal, Oil 2.125 ID
021-039-00	1	Grease Cap
031-017-02	1	Bearing Cone (14125A)
031-030-02	1	Bearing Cone (25580)
059-831-00	1	Instruction Sheet

Complete Hub & Hub-Drum Kits



Hub-Drum Kit — K08-219-96

For 7K axle, 8-6.50 BC, studded ½"-20, 2.125 seal, E-Z Lube grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	8	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-219-04	1	Hub-Drum, 7K, 865, ½"-20, Cupped & Studded
010-010-00	1	Seal, Oil 2.125 ID
021-043-01	1	Grease Cap
031-017-02	1	Bearing Cone (14125A)
031-030-02	1	Bearing Cone (25580)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug



Hub-Drum Kit — K08-219-9C

For 7K axle, 8-6.50 BC, studded 9/16"-18, 2.25 seal, E-Z Lube grease cap.

Dx Part No.	Quantity	Parts Description
006-053-00	8	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-219-13	1	Hub-Drum, 7K, 865, 9/16"-18, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
021-043-01	1	Grease Cap
031-017-02	1	Bearing Cone (14125A)
031-030-02	1	Bearing Cone (25580)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug



Hub-Drum Kit — K08-219-9D

For 7K axle, 8-6.50 BC, studded ½"-20, 2.25 seal, standard grease cap.

Dx Part No.	Quantity	Parts Description
006-080-00	8	Nut, Cone 60-deg
008-219-04	1	Hub-Drum, 7K, 865, ½"-20, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
021-039-00	1	Grease Cap
031-017-02	1	Bearing Cone (14125A)
031-030-02	1	Bearing Cone (25580)
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-219-9B

For 7K axle, 8-6.50 BC, studded, ½"-20, 2.25 seal, E-Z Lube grease cap, 4.75 pilot diameter.

Dx Part No.	Quantity	Parts Description
006-080-00	8	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-219-04	1	Hub-Drum, 7K, 865, ½"-20, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
021-043-01	1	Grease Cap
031-017-02	1	Bearing Cone Outer (14125A)
031-030-02	1	Bearing Cone Inner (25580)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug

Complete Hub & Hub-Drum Kits



Hub Kit — K08-231-9B

For 7K axle, 8-6.50 BC, studded 9/16"-18, 2.25 seal, E-Z Lube grease cap, 4.75 pilot diameter.

Dx Part No.	Quantity	Parts Description
006-053-00	8	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-231-18	1	Hub, 7K, 865, 9/16"-18, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
021-043-01	1	Grease Cap
031-017-02	1	Bearing Cone (14125A)
031-030-02	1	Bearing Cone (25580)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug



Hub-Drum Kit — K08-393-90

For 7.2K axle, 8-6.50 BC, studded 9/16"-18, seal, E-Z Lube grease cap, 4.75 pilot diameter.

Dx Part No.	Quantity	Parts Description
006-053-00	8	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-393-04	1	Hub-Drum, 7.2K, 865, 9/16"-18, Grease, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
021-043-01	1	Grease Cap
031-028-02	1	Bearing Cone (02475)
031-030-02	1	Bearing Cone (25580)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug



Hub-Drum Kit — K08-285-97

For 8K axle, 8-6.50 BC, studded 5/8"-18, seal, grease cap, 4.75 pilot diameter.

Dx Part No.	Quantity	Parts Description
006-058-00	8	Nut, Flange
008-285-08	1	Hub-Drum, 8K, 865, 5/8"-18, Grease, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
021-039-00	1	Grease Cap
031-028-02	1	Bearing Cone (02475)
031-030-02	1	Bearing Cone (25580)
059-831-00	1	Instruction Sheet

Complete Hub & Hub-Drum Kits



Hub-Drum Kit — K08-285-9F

For 8K axle, 8-6.50 BC, studded 5/8"-18, seal, oil cap, 4.75 pilot diameter.

Dx Part No.	Quantity	Parts Description
006-058-00	8	Nut, Flange
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-285-10	1	Hub-Drum, 8K, 865, 5/8"-18, Oil, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
010-045-00	1	O-Ring
021-035-01	1	Oil Cap, Black
031-028-02	1	Bearing Cone (02475)
031-030-02	1	Bearing Cone (25580)
046-032-00	1	Rubber Plug
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-285-9G

For 8K axle, 8-6.50 BC, studded 5/8"-18, seal, oil cap, 4.75 pilot diameter, ABS.

Dx Part No.	Quantity	Parts Description
006-058-00	8	Nut, Flange
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-285-14	1	Hub-Drum, 8K, 865, 5/8"-18, ABS, Oil, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
010-045-00	1	O-Ring
021-035-01	1	Oil Cap, Black
031-028-02	1	Bearing Cone (02475)
031-030-02	1	Bearing Cone (25580)
046-032-00	1	Rubber Plug
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-285-90

For 8K axle, 8-6.50 BC, studded 5/8"-18, oil seal, oil cap, 4.75 pilot diameter.

Dx Part No.	Quantity	Parts Description
006-109-00	8	Nut, Cone 90-deg
008-285-10	1	Hub-Drum, 8K, 865, 5/8"-18, Oil, Cupped & Studded
010-045-00	1	O-Ring
010-063-00	1	Seal, Oil 2.25 ID
021-035-00	1	Oil Cap
031-028-02	1	Bearing Cone (02475)
031-030-02	1	Bearing Cone (25580)
046-032-00	1	Rubber Plug
059-831-00	1	Instruction Sheet

Complete Hub & Hub-Drum Kits



Hub-Drum Kit — K08-285-92

For 8K axle, 8-6.50 BC, studded 9/16"-18, oil seal, oil cap, 4.75 pilot diameter.

Dx Part No.	Quantity	Parts Description
006-053-00	8	Nut, Cone 60-deg
008-285-09	1	Hub-Drum, 8K, 865, 9/16"-18, Oil, Cupped & Studded
010-045-00	1	O-Ring
010-063-00	1	Seal, Oil 2.25 ID
021-035-00	1	Oil Cap
031-028-02	1	Bearing Cone (02475)
031-030-02	1	Bearing Cone (25580)
046-032-00	1	Rubber Plug
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-285-93

For 8K axle, 8-6.50 BC, studded 5/8"-18, oil seal, oil cap, 4.75 pilot diameter.

Dx Part No.	Quantity	Parts Description
006-058-00	8	Nut, Flange
008-285-10	1	Hub-Drum, 8K, 865, 5/8"-18, Oil, Cupped & Studded
010-045-00	1	O-Ring
010-063-00	1	Seal, Oil 2.25 ID
021-035-00	1	Oil Cap
031-028-02	1	Bearing Cone (02475)
031-030-02	1	Bearing Cone (25580)
046-032-00	1	Rubber Plug
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-285-94

For 8K axle, 8-6.50 BC, studded 9/16"-18, seal, standard grease cap, 4.75 pilot diameter.

Dx Part No.	Quantity	Parts Description
006-053-00	8	Nut, Cone 60-deg
008-285-11	1	Hub-Drum, 8K, 865, 9/16"-18, Grease, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
021-039-00	1	Grease Cap
031-028-02	1	Bearing Cone (02475)
031-030-02	1	Bearing Cone (25580)
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-285-95

For 8K axle, 8-6.50 BC, studded 9/16"-18, seal, E-Z Lube grease cap, 4.75 pilot diameter.

Dx Part No.	Quantity	Parts Description
006-053-00	8	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-285-11	1	Hub-Drum, 8K, 865, 9/16"-18, Grease, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
021-043-01	1	Grease Cap
031-028-02	1	Bearing Cone (02475)
031-030-02	1	Bearing Cone (25580)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug

Complete Hub & Hub-Drum Kits



Hub-Drum Kit — K08-285-96

For 8K axle, 8-6.50 BC, studded ⅝"-18, seal, E-Z Lube grease cap, 4.75 pilot diameter.

Dx Part No.	Quantity	Parts Description
006-109-00	8	Nut, Cone 90-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-285-08	1	Hub-Drum, 8K, 865, ⅝"-18, Grease, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
021-043-01	1	Grease Cap
031-028-02	1	Bearing Cone (02475)
031-030-02	1	Bearing Cone (25580)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug



Hub Kit — K08-399-91

For 8K disc brake axle, 8-6.50 BC, studded ⅝"-18, seal, oil cap, 4.75 pilot diameter.

Dx Part No.	Quantity	Parts Description
006-058-00	8	Nut, Flange
008-399-08	1	Hub, 8K, 865, Disc Brake, ⅝"-18, Oil, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
010-045-00	1	O-Ring
021-035-01	1	Oil Cap, Black
031-028-02	1	Bearing Cone (02475)
031-030-02	1	Bearing Cone (25580)
046-032-00	1	Rubber Plug
059-831-00	1	Instruction Sheet



Hub Kit — K08-287-9A

For 8K idler axle, 8-6.50 BC, studded ⅝"-18, seal, grease cap, 4.75 pilot diameter.

Dx Part No.	Quantity	Parts Description
006-109-00	8	Nut, Cone 90-deg
008-287-07	1	Hub, 8K, 865 ⅝"-18, Grease, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
021-039-00	1	Grease Cap
031-028-02	1	Bearing Cone (02475)
031-030-02	1	Bearing Cone (25580)
059-831-00	1	Instruction Sheet



Hub Kit — K08-287-9B

For 8K idler axle, 8-6.50 BC, studded ⅝"-18, seal, E-Z Lube grease cap, 4.75 pilot diameter.

Dx Part No.	Quantity	Parts Description
006-109-00	8	Nut, Cone 90-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-287-10	1	Hub, 8K, 865, ⅝"-18 Long Stud, Grease, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
021-043-01	1	Grease Cap
031-028-02	1	Bearing Cone (02475)
031-030-02	1	Bearing Cone (25580)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug

Complete Hub & Hub-Drum Kits



Hub Kit — K08-287-97

For 8K idler axle, 8-6.50 BC, studded 9/16"-18, seal, E-Z Lube grease cap, 4.75 pilot diameter.

Dx Part No.	Quantity	Parts Description
006-053-00	8	Nut, Cone 60-deg
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
008-287-11	1	Hub, 8K, 865, 9/16"-18, Grease, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
021-043-01	1	Grease Cap
031-028-02	1	Bearing Cone (02475)
031-030-02	1	Bearing Cone (25580)
059-831-00	1	Instruction Sheet
085-001-00	1	Rubber Plug



Hub Kit — K08-399-90

For 8K disc brake axle, 8-6.50 BC, studded 9/16"-18, seal, oil cap, 4.75 pilot diameter.

Dx Part No.	Quantity	Parts Description
006-053-00	8	Nut, Cone 60-deg
008-399-06	1	Hub, 8K, 865, Disc Brake, 9/16"-18, Oil, Cupped & Studded
010-036-00	1	Seal, 2.25 ID
010-045-00	1	O-Ring
021-035-01	1	Oil Cap, Black
031-028-02	1	Bearing Cone (02475)
031-030-02	1	Bearing Cone (25580)
046-032-00	1	Rubber Plug
059-831-00	1	Instruction Sheet



Hub-Drum Kit — K08-288-90

For 9K-10K GD axle, 8-6.50 BC, studded 5/8"-18, oil seal, inner bearing, outer bearing, oil cap and wheel clamp ring (prior to 7/27/09).

Dx Part No.	Quantity	Parts Description
006-109-00	8	Nut, Cone 90-deg
008-288-05	1	Hub & Drum, 9K-10K GD, 865, 4.75 Pilot, Cupped & Studded
010-050-00	1	O-Ring
010-051-02	1	Seal, Oil 2.875 ID
021-036-00	1	Oil Cap
031-019-02	1	Bearing Cone (387A)
031-030-02	1	Bearing Cone (25580)
033-052-01	1	Clamp Ring
046-032-00	1	Rubber Plug
059-831-00	1	Instruction Sheet

Complete Hub & Hub-Drum Kits



Hub Kit — K08-288-91

For 9K-10K GD axle, 8-6.50 BC, studded ⅝"-18, oil seal, inner bearing, outer bearing, oil cap and wheel clamp ring (prior to 7/27/09).

Dx Part No.	Quantity	Parts Description
006-109-00	8	Nut, Cone 90-deg
008-288-03	1	Hub, 9K-10K GD, 865, 4.75 Pilot, Cupped & Studded
010-050-00	1	O-Ring
010-051-02	1	Seal, Oil 2.875 ID
021-036-00	1	Oil Cap
031-019-02	1	Bearing Cone (387A)
031-030-02	1	Bearing Cone (25580)
033-052-01	1	Clamp Ring
046-032-00	1	Rubber Plug
059-831-00	1	Instruction Sheet



Hub Kit — K08-214-92

For 10K HD axle, 8-6.50 BC, studded ⅝"-18, oil seal, inner bearing (395S), outer bearing (387A) and oil cap.

Dx Part No.	Quantity	Parts Description
006-109-00	8	Nut, Cone 90-deg
008-214-05	1	Hub, 10K HD, 865, 4.75 Pilot, Cupped & Studded
010-050-00	1	O-Ring
010-056-00	1	Seal, Oil 3.125 ID
021-036-00	1	Oil Cap
031-019-02	1	Bearing Cone (387A)
031-022-02	1	Bearing Cone (395S)
033-052-01	1	Clamp Ring
046-032-00	1	Rubber Plug
059-831-00	1	Instruction Sheet



Hub Kit — K08-290-90

For D200 axle, outboard drum mount (no drum), 10-285.75 BC, studded 22mm, oil seal, grease cap, 8.78" pilot diameter.

Dx Part No.	Quantity	Parts Description
005-098-00	1	Washer, Perf, 2⅝" .250
005-099-00	1	Washer, Tang
005-100-00	6	Washer, Lock
006-114-00	1	Nut, Octagon 2⅝"-16 Gr 2
006-115-00	1	Nut, Octagon Jam 2⅝"-16 Gr 2
006-118-00	10	Nut, Flange
007-157-00	6	Screw, Hex
008-290-13	1	Hub, D200, 10-285.75, 22mm Stud, 8.78 Pilot, Cupped & Studded
010-055-04	1	Seal, Oil 4.625 ID
021-046-00	1	Grease Cap
031-026-02	1	Bearing Cone (HM218248)
031-027-02	1	Bearing Cone (HM212049)
071-124-00	1	Oil Cap Gasket

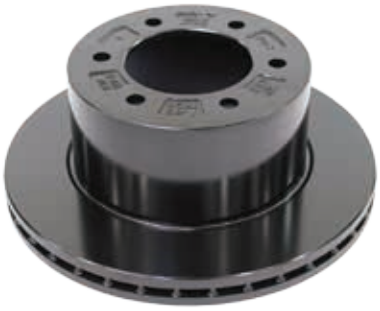
Hub Components



Rotor Replacement Kit — K71-626-00

For Dexter 3.5K disc brakes, 5-4.50 BC (prior to 7/16).

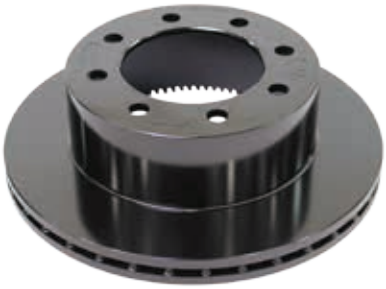
Dx Part No.	Quantity	Parts Description
059-795-00	1	Instruction Sheet
070-008-01	1	Rotor, 3.5K, 545, E-Coated



Rotor Replacement Kit — K71-637-00

For Dexter 6K disc brakes.

Dx Part No.	Quantity	Parts Description
059-800-00	1	Instruction Sheet
070-009-02	1	Rotor, 6K, 655, E-Coated



Rotor Replacement Kit — K71-631-00

For Dexter 8K disc brakes.

Dx Part No.	Quantity	Parts Description
059-800-00	1	Instruction Sheet
070-007-02	1	Rotor, 8K, 865, E-Coated



Bearing Kit K71-715-00

Fits 2K hub inner and outer bearing L44643 / L44643.

Dx Part No.	Quantity	Parts Description
005-101-00	1	Washer, Tang
010-003-00	1	Seal, Grease 1.23 ID
019-002-00	1	Cotter Pin
031-031-01	2	Bearing Cup (L44610)
031-031-03	2	Bearing Cone (L44643)



Bearing Kit K71-716-00

Fits 2K hub inner and outer bearing L44649 / L44649.

Dx Part No.	Quantity	Parts Description
005-101-00	1	Washer, Tang
010-060-00	1	Seal, Oil 1.5 ID
019-002-00	1	Cotter Pin
031-031-01	2	Bearing Cup (L44610)
031-031-02	2	Bearing Cone (L44649)



Bearing Kit K71-717-00

Fits 3.5K hub inner and outer bearing L44649 / L68149.

Dx Part No.	Quantity	Parts Description
005-101-00	1	Washer, Tang
010-019-00	1	Seal, Grease 1.72 ID
019-002-00	1	Cotter Pin
031-031-01	1	Bearing Cup (L44610)
031-031-02	1	Bearing Cone (L44649)
031-033-01	1	Bearing Cup (L68111)
031-033-02	1	Bearing Cone (L68149)



Bearing Kit K71-718-00

Fits 4.4K hub inner and outer bearing LM67048 / L68149.

Dx Part No.	Quantity	Parts Description
010-019-00	1	Seal, Grease 1.72 ID
019-002-00	1	Cotter Pin
031-032-01	1	Bearing Cup (LM67010)
031-032-02	1	Bearing Cone (LM67048)
031-033-01	1	Bearing Cup (L68111)
031-033-02	1	Bearing Cone (L68149)

Hub Components



Bearing Kit — K71-719-00

Fits 6K hub inner and outer bearing 15123 / 25580.

Dx Part No.	Quantity	Parts Description
005-101-00	1	Washer, Tang
010-036-00	1	Seal, 2.25 ID
019-002-00	1	Cotter Pin
031-029-01	1	Bearing Cup (15245)
031-029-02	1	Bearing Cone (15123)
031-030-01	1	Bearing Cup (25520)
031-030-02	1	Bearing Cone (25580)



Bearing Kit — K71-720-00

Fits 7K hub inner and outer bearing 14125A / 25580.

Dx Part No.	Quantity	Parts Description
005-101-00	1	Washer, Tang
010-036-00	1	Seal, 2.25 ID
019-002-00	1	Cotter Pin
031-017-01	1	Bearing Cup (14276)
031-017-02	1	Bearing Cone (14125A)
031-030-01	1	Bearing Cup (25520)
031-030-02	1	Bearing Cone (25580)



Bearing Kit — K71-721-00

Fits 7.2K and 8K hub inner and outer bearing 02475 / 25580.

Dx Part No.	Quantity	Parts Description
010-036-00	1	Seal, 2.25 ID
019-002-00	1	Cotter Pin
031-028-01	1	Bearing Cup (02420)
031-028-02	1	Bearing Cone (02475)
031-030-01	1	Bearing Cup (25520)
031-030-02	1	Bearing Cone (25580)



Bearing Kit — K71-722-00

Fits 9K and 10K hub inner and outer bearing 387A / 25580.

Dx Part No.	Quantity	Parts Description
010-051-02	1	Seal, Oil 2.875 ID
031-019-01	1	Bearing Cup (382A)
031-019-02	1	Bearing Cone (387A)
031-030-01	1	Bearing Cup (25520)
031-030-02	1	Bearing Cone (25580)



Bearing Cup & Cone — K71-306-00

Fits Dexter 7" hub inner and outer, 10" x 1½" outer and 10" x 2¼" outer, L44610 / L44649.

Dx Part No.	Quantity	Parts Description
031-031-01	1	Bearing Cup (L44610)
031-031-02	1	Bearing Cone (L44649)



Bearing Cup & Cone — K71-307-00

Fits Dexter 10" x 1½" hub inner, 10" x 2¼" outer (4.4K) and 12" x 2" outer, LM67010 / LM67048.

Dx Part No.	Quantity	Parts Description
031-032-01	1	Bearing Cup (LM67010)
031-032-02	1	Bearing Cone (LM67048)



Bearing Cup & Cone — K71-390-00

Fits Dexter 10" x 2¼" hub inner, L68111 / L68149.

Dx Part No.	Quantity	Parts Description
031-033-01	1	Bearing Cup (L68111)
031-033-02	1	Bearing Cone (L68149)



Bearing Cup & Cone — K71-308-00

Fits Dexter 12" x 2" and 12¼" x 2½" hub inner, 25520 / 25580.

Dx Part No.	Quantity	Parts Description
031-030-01	1	Bearing Cup (25520)
031-030-02	1	Bearing Cone (25580)

Hub Components



Bearing Cup & Cone — K71-310-00

Fits Dexter 12" x 2" hub 8 bolt outer, 14276 / 14125A.

Dx Part No.	Quantity	Parts Description
031-017-01	1	Bearing Cup (14276)
031-017-02	1	Bearing Cone (14125A)



Bearing Cup & Cone — K71-415-00

Fits Dexter 12¼" x 2½" hub and 12¼" x 3⅜" hub outer, 02420 / 02475.

Dx Part No.	Quantity	Parts Description
031-028-01	1	Bearing Cup (02420)
031-028-02	1	Bearing Cone (02475)



Bearing Cup & Cone — K71-309-00

Fits Dexter 8-174 wheel and drum outer, 15245 / 15123.

Dx Part No.	Quantity	Parts Description
031-029-01	1	Bearing Cup (15245)
031-029-02	1	Bearing Cone (15123)



Bearing Cup & Cone — K71-710-00

Fits Dexter 10K HD outer and 9K-10K GD inner.

Dx Part No.	Quantity	Parts Description
031-019-01	1	Bearing Cup (382A)
031-019-02	1	Bearing Cone (387A)



Bearing Cup & Cone — K71-714-00

Fits Dexter 10K HD inner and #13D inner, 394A / 395S.

Dx Part No.	Quantity	Parts Description
031-022-01	1	Bearing Cup (394A)
031-022-02	1	Bearing Cone (395S)



Bearing Cup & Cone — K71-712-00

Fits Dexter 12K and 15K inner bearings, 3920 / 3984.

Dx Part No.	Quantity	Parts Description
031-020-01	1	Bearing Cup (3920)
031-020-02	1	Bearing Cone (3984)



Bearing Cup & Cone — K71-713-00

Fits Dexter 12K and 15K outer bearings, 28622 / 28682.

Dx Part No.	Quantity	Parts Description
031-021-01	1	Bearing Cup (28622)
031-021-02	1	Bearing Cone (28682)

Hub Components



E-Z Lube Grease Cap & Plug Kit — K71-315-00

Fits Dexter 7", 10" x 1½" and 10" x 2¼" hub, 1.99 OD, chrome.

Dx Part No.	Quantity	Parts Description
021-041-02	2	Grease Cap
085-001-00	2	Rubber Plug



E-Z Lube Grease Cap & Plug Kit — K71-317-00

Fits Dexter 10" x 2¼" hub, 6 lug (4.4K),12" x 2" hub, 5 spoke and 6 bolt, 2.45 OD, chrome.

Dx Part No.	Quantity	Parts Description
021-042-02	2	Grease Cap
085-001-00	2	Rubber Plug



E-Z Lube Grease Cap & Plug Kit — K71-319-00

Fits Dexter 12" x 2" hub, 8 bolt, 2.72 OD, chrome.

Dx Part No.	Quantity	Parts Description
021-043-02	2	Grease Cap
085-001-00	2	Rubber Plug



E-Z Lube Plug — K71-320-00

Fits Dexter E-Z Lube grease caps.

Dx Part No.	Quantity	Parts Description
085-001-00	2	Rubber Plug



Grease Fitting K71-292-00

Fits Dexter E-Z Lube spindles, shackle and hanger bolts.

Dx Part No.	Quantity	Parts Description
061-007-00	2	Grease Fitting

Hub Components



Nev-R-Lube Grease Cap Kit — K71-643-00

For 42mm Nev-R-Lube hubs.

Dx Part No.	Quantity	Parts Description
021-085-00	2	Grease Cap



Nev-R-Lube Grease Cap Kit — K71-642-00

For 50mm Nev-R-Lube hubs.

Dx Part No.	Quantity	Parts Description
021-086-00	2	Grease Cap



Grease Cap — K71-314-00

Fits Dexter 7", 10" x 1½", 10" x 2¼" hub, 1.99 OD.

Dx Part No.	Quantity	Parts Description
021-003-00	2	Grease Cap



Grease Cap — K71-316-00

Fits Dexter 10" x 2¼" hub (4.4K), 12" x 2" hub, 5 spoke and 6 bolt, 2.45 OD.

Dx Part No.	Quantity	Parts Description
021-001-00	2	Grease Cap



Grease Cap — K71-318-00

Fits Dexter 12" x 2" hub, 8 bolt, 2.72 OD.

Dx Part No.	Quantity	Parts Description
021-039-00	2	Grease Cap



Oil Cap, O-Ring & Plug Kit — K71-038-00

Fits Dexter 6K and 8K screw-in and Dexter 9K (prior to 10/89) 2⅞"-12 thread. Replaced 021-029-00 oil cap.

Dx Part No.	Quantity	Parts Description
010-045-00	2	O-Ring
021-035-00	2	Oil Cap
046-032-00	2	Rubber Plug

Hub Components



Oil Cap, O-Ring & Plug Kit — K71-148-00

Fits Dexter 9K (after 10/89) and 10K, 12K, 15K, 4"-12 threads.

Dx Part No.	Quantity	Parts Description
010-050-00	2	O-Ring
021-036-00	2	Oil Cap
046-032-00	2	Rubber Plug



Oil Cap, O-Ring & Plug Kit — K71-747-00

Fits Dexter 6 bolt and utility hubs, 2⅝"-12 thread.

Dx Part No.	Quantity	Parts Description
010-059-00	2	O-Ring
021-040-00	2	Oil Cap
046-032-00	2	Rubber Plug



Oil Cap Replacement Kit — K71-704-00

Fits Dexter 9K and 10K GD uni-cast hub-drum.

Dx Part No.	Quantity	Parts Description
010-163-00	2	O-Ring
021-088-00	2	Oil Cap
046-032-00	2	Rubber Plug



Hub Cover — K71-364-00

For 5-4.50 wheel, 3.18 OD, chrome.

Dx Part No.	Quantity	Parts Description
016-034-00	1	Hub Cover



Hub Cover — K71-312-00

For 5-4.50 wheel, 3.18 OD, E-Z Lube, chrome.

Dx Part No.	Quantity	Parts Description
016-034-21	1	Hub Cover



Hub Cover — K71-404-00

For 5-4.50 wheel, 3.18 OD, black plastic.

Dx Part No.	Quantity	Parts Description
016-044-00	1	Hub Cover



Hub Cover — K71-419-00

For 5-4.50 wheel, 3.19 OD, E-Z Lube, black plastic.

Dx Part No.	Quantity	Parts Description
016-044-21	1	Hub Cover

Hub Components



Hub Cover — K71-311-00

For 6-5.50 wheel, 4.27 OD, chrome.

Dx Part No.	Quantity	Parts Description
016-035-00	1	Hub Cover



Hub Cover — K71-313-00

For 6-5.50 wheel, 4.27 OD, E-Z Lube, chrome.

Dx Part No.	Quantity	Parts Description
016-035-21	1	Hub Cover



Hub Cover — K71-405-00

For 6-5.50 wheel, 4.27 OD, black plastic.

Dx Part No.	Quantity	Parts Description
016-045-00	1	Hub Cover



Hub Cover — K71-420-00

For 6-5.50 wheel, 4.27 OD, E-Z Lube, black plastic.

Dx Part No.	Quantity	Parts Description
016-045-21	1	Hub Cover



Nut Cover — K71-406-00

13⁄16" hex nut, black plastic, fits Dexter K71-299-00.

Dx Part No.	Quantity	Parts Description
016-046-00	6	Nut Cover

Hub Components



Seal — K71-301-00

Fits Dexter 7" hub, 1.50 ID x 1.987 OD.

Dx Part No.	Quantity	Parts Description
010-060-00	2	Seal, Oil 1.50 ID



Seal — K71-302-00

Fits Dexter 10" x 1½" hub, 1.75 ID x 2.33 OD.

Dx Part No.	Quantity	Parts Description
010-042-00	2	Seal, Grease 1.75 ID



Seal — K71-303-00

Fits Dexter 10" x 1½" and 10" x 2¼" hub, 1.72 ID x 2.565 OD.

Dx Part No.	Quantity	Parts Description
010-019-00	2	Seal, Grease 1.72 ID



Seal — K71-304-00

Fits Dexter 12" x 2" hub, 2.125 ID x 3.376 OD (prior to 1998).

Dx Part No.	Quantity	Parts Description
010-010-00	2	Seal, Oil 2.125 ID



Seal — K71-305-00

Fits Dexter 12" x 2" hub, 2.250 ID x 3.376 OD (after 1998).

Dx Part No.	Quantity	Parts Description
010-036-00	2	Seal, 2.25 ID



Seal — K71-389-00

Fits Dexter 12" x 2" MHU hub, 1.938 ID x 2.510 OD.

Dx Part No.	Quantity	Parts Description
010-040-00	2	Seal, Grease 1.938 ID



Seal — K71-386-00

Fits Dexter 7.2K and 8K hub unitized, 2.250 ID x 3.376 OD.

Dx Part No.	Quantity	Parts Description
010-063-00	2	Seal, 2.25 ID



Seal — K71-387-00

Fits Dexter 9K and 10K GD hub unitized, 2.875 ID x 3.88 OD.

Dx Part No.	Quantity	Parts Description
010-051-02	2	Seal, Oil 2.875 ID

Hub Components



Seal — K71-388-00

Fits Dexter 10K HD, 15K hubs unitized, 3.125 ID x 4.506 OD.

Dx Part No.	Quantity	Parts Description
010-056-00	2	Seal, Oil 3.125 ID



Rim Clamps — K71-298-00

Fits Dexter 5-spoke demountable 12" x 2" Wheel Drum

Dx Part No.	Quantity	Parts Description
015-002-00	5	Rim Clamp



Wheel Studs, Thread-In — K71-407-00

Replaces ½"-20 hub thread, ½"-20 nut thread (2.2K).

Dx Part No.	Quantity	Parts Description
025-053-01	4	Stud, Screw-In



Wheel Studs, Press-In — K71-295-00

Replaces 1.84" long wheel stud, ½"-20 UNF.

Dx Part No.	Quantity	Parts Description
007-122-00	6	Bolt, Press-In



Wheel Studs, Press-In — K71-686-00

Replaces 2.65" long wheel stud, ½"-20 UNF.

Dx Part No.	Quantity	Parts Description
007-262-00	6	Bolt, Press-In

Hub Components



Wheel Studs, Press-In — K71-342-00

Replaces 3.16" long wheel stud, ⅝"-18 UNF.

Dx Part No.	Quantity	Parts Description
007-115-00	4	Bolt, Press-In



Wheel Studs, Press-In — K71-748-00

Replaces 2.30" long wheel stud, 9⁄16"-18 UNF.

Dx Part No.	Quantity	Parts Description
007-132-00	8	Bolt, Press-In



Wheel Studs, Press-In — K71-751-00

Replaces 9⁄16"-18 UNF x 2.01 wheel stud.

Dx Part No.	Quantity	Parts Description
007-223-00	8	Bolt, Press-In



Wheel Studs, Thread-In — K71-753-00

Replaces 9⁄16"-12 x 9⁄16"-18 x 3.06 wheel stud.

Dx Part No.	Quantity	Parts Description
025-011-00	5	Stud, Screw-In



Wheel Studs, Press-In — K71-750-00

Replaces ⅝"-18 UNF x 2.50 wheel stud.

Dx Part No.	Quantity	Parts Description
007-224-00	8	Bolt, Press-In



Wheel Studs, Press-In — K71-749-00

Replaces ⅝"-18 UNF x 2.75 wheel stud.

Dx Part No.	Quantity	Parts Description
007-232-00	8	Bolt, Press-In



Wheel Studs, Press-In — K71-752-00

Replaces ⅝"-18 UNF x 3.16 wheel stud.

Dx Part No.	Quantity	Parts Description
007-115-00	8	Bolt, Press-In



Wheel Bolts — K71-296-00

Replaces 60-degree, .88 long, ½"-20 UNF wheel bolts.

Dx Part No.	Quantity	Parts Description
007-040-00	5	Bolt, 60-degree

Hub Components



Wheel Bolts — K71-297-00

Fits Dexter MH hub, 1.63 long, ½"-13 UNC.

Dx Part No.	Quantity	Parts Description
007-036-00	5	Bolt, Hex



Wheel Nuts — K71-299-00

Replacement for 60-degree cone, ½"-20 UNF wheel nuts.

Dx Part No.	Quantity	Parts Description
006-080-00	6	Nut, Cone 60-degree



Wheel Nuts — K71-347-00

Replaces 90-degree cone, ⅝"-18 UNF wheel nut.

Dx Part No.	Quantity	Parts Description
006-109-00	4	Nut, Cone 90-degree



Rotor Mounting Studs & Nuts Kit — K71-356-00

Fits Dexter 10K and 12K disc brakes, ½"-13 UNC hub thread, ½"-20 UNF nut thread.

Dx Part No.	Quantity	Parts Description
006-046-01	2	Nut, Flange
025-014-00	2	Stud, Screw-In



Drum Mounting Screws K71-355-00

Fits Dexter 9K and 10K GD, 1.50 long, ½"-13 UNC.

Dx Part No.	Quantity	Parts Description
007-292-00	4	Screw, Hex



Drum Mounting Screws K71-354-00

Fits Dexter 10K HD, 12K and 15K, 1.75 long, ½"-13 UNC.

Dx Part No.	Quantity	Parts Description
007-244-00	4	Screw, Hex

Hub Components



Spindle Nuts & Washers Kit — K71-367-00

Fits Dexter 9K (after 10/89) and 10K GD, 1½"-12 UNF, for one end.

Dx Part No.	Quantity	Parts Description
005-070-00	1	Washer, Tongue
005-071-00	1	Washer, Tang
006-096-00	2	Nut, Hex



Spindle Nuts & Washers Kit — K71-341-00

Fits Dexter 10K HD, 12K and 15K, 1¾"-12 UNF, for one end.

Dx Part No.	Quantity	Parts Description
005-059-00	1	Washer, Tang
005-060-00	1	Washer, Tongue
006-084-00	2	Nut, Hex



Spindle Nuts & Washers Kit — K71-335-00

Fits Dexter E-Z Lube axles, 1"-14 UNS (prior to 6/02).

Dx Part No.	Quantity	Parts Description
005-023-00	2	Washer, "D"
005-101-00	2	Washer, Tang
006-001-00	2	Nut, Slotted



Nuts, Washers & Cotter Kit — K71-322-00

Fits Dexter 10" x 1½" and 10" x 2¼" hubs, 1"-14 UNS.

Dx Part No.	Quantity	Parts Description
005-023-00	2	Washer, "D"
006-176-00	2	Nut, Slotted
019-002-00	2	Cotter Pin



Nuts, Washers & Cotter Kit — K71-321-00

Fits Dexter 12" x 2" and 8K hub, 1"-14 UNS.

Dx Part No.	Quantity	Parts Description
005-057-01	2	Washer, "D"
006-176-00	2	Nut, Slotted
019-002-00	2	Cotter Pin

Hub Components



Retainer Kit — K71-622-00

Fits Dexter axles (after 6/02).

Note: Kit is not to be used on all D20, #8 and #9 axles. It should only be used on axles that have a factory installed "D" washer between the outer bearing and the spindle nut.

Dx Part No.	Quantity	Parts Description
005-023-00	2	Washer, "D"
006-190-00	2	Nut, Retainer
006-191-00	2	Nut, Hex
059-781-00	1	Instruction Sheet



Suspension Kit — K71-403-00

For 1¾" wide, double eye springs - single axles (A/P-122-00).

Dx Part No.	Quantity	Parts Description
006-092-01	6	Nut, Flange
007-126-00	2	Bolt, Shoulder
018-012-01	2	Shackle Link
018-021-00	2	Shackle Link Assembly



Suspension Kit — K71-401-00

For 1¾" wide, double eye springs - tandem axles with 33" axle spacing (A/P-233-00).

Dx Part No.	Quantity	Parts Description
006-092-01	14	Nut, Flange
007-126-00	6	Bolt, Shoulder
013-104-02	2	Equalizer
018-011-01	4	Shackle Link
018-020-00	4	Shackle Link Assembly



Suspension Kit — K71-402-00

For 1¾" wide, double eye springs - triple axles with 33" axle spacing (A/P-335-00).

Dx Part No.	Quantity	Parts Description
006-092-01	22	Nut, Flange
007-126-00	10	Bolt, Shoulder
013-104-02	2	Equalizer
013-105-02	2	Equalizer
018-011-01	6	Shackle Link
018-020-00	6	Shackle Link Assembly



Heavy Duty Suspension Kit — K71-358-00

For 1¾" wide, double eye springs - single axles (wet bolts, bronze bushings & heavy duty shackles).

Dx Part No.	Quantity	Parts Description
006-092-01	6	Nut, Flange
007-187-00	2	Bolt, Shoulder
014-077-00	4	Bushing
018-022-01	2	Shackle Link
018-027-01	2	Shackle Link Assembly
059-547-00	1	Instruction Sheet

Suspension Components



Heavy Duty Suspension Kit — K71-359-00

For 1¾" wide, double eye springs - tandem axles with 33" axle spacing (wet bolts, bronze bushings & heavy duty shackles).

Dx Part No.	Quantity	Parts Description
006-092-01	14	Nut, Flange
007-126-00	2	Bolt, Shoulder
007-187-00	4	Bolt, Shoulder
013-104-04	2	Equalizer
014-077-00	8	Bushing
018-024-01	4	Shackle Link
018-026-00	4	Shackle Link Assembly
059-547-00	1	Instruction Sheet



Heavy Duty Suspension Kit — K71-360-00

For 1¾" wide, double eye springs - triple axles with 33" axle spacing (wet bolts, bronze bushings & heavy duty shackles).

Dx Part No.	Quantity	Parts Description
006-092-01	22	Nut, Flange
007-126-00	4	Bolt, Shoulder
007-187-00	6	Bolt, Shoulder
013-104-04	2	Equalizer
013-105-04	2	Equalizer
014-077-00	12	Bushing
018-024-01	6	Shackle Link
018-026-00	6	Shackle Link Assembly
059-547-00	1	Instruction Sheet



Heavy Duty Suspension Kit — K71-448-00

For 1¾" wide, double eye springs - tandem axles with 4" high equalizer (wet bolts, bronze bushings & heavy duty shackles).

Dx Part No.	Quantity	Parts Description
006-092-01	14	Nut, Flange
007-126-00	2	Bolt, Shoulder
007-187-00	4	Bolt, Shoulder
013-010-04	2	Equalizer
014-077-00	8	Bushing
018-024-01	4	Shackle Link
018-026-00	4	Shackle Link Assembly
059-547-00	1	Instruction Sheet



Heavy Duty Suspension Kit — K71-449-00

For 1¾" wide, double eye springs - tandem axles with 35" axle spacing (wet bolts, bronze bushings & heavy duty shackles).

Dx Part No.	Quantity	Parts Description
006-092-01	14	Nut, Flange
007-126-00	2	Bolt, Shoulder
007-187-00	4	Bolt, Shoulder
013-122-04	2	Equalizer
014-077-00	8	Bushing
018-024-01	4	Shackle Link
018-026-00	4	Shackle Link Assembly
059-547-00	1	Instruction Sheet



Heavy Duty Suspension Kit — K71-453-00

For 1¾" wide, 1¾" double eye springs - triple axles with 35" axle spacing (wet bolts, bronze bushings & heavy duty shackles).

Dx Part No.	Quantity	Parts Description
006-092-01	22	Nut, Flange
007-126-00	4	Bolt, Shoulder
007-187-00	6	Bolt, Shoulder
013-122-04	2	Equalizer
013-126-04	2	Equalizer
014-077-00	12	Bushing
018-024-01	6	Shackle Link
018-026-00	6	Shackle Link Assembly
059-547-00	1	Instruction Sheet



E-Z Flex Suspension Kit — K71-652-00

6K maximum capacity, tandem 33" axle spacing,1¾" double eye springs, (wet bolts, bronze bushings & heavy duty shackles).

Dx Part No.	Quantity	Parts Description
006-007-01	2	Nut, Hex Locking
006-092-01	12	Nut, Flange
007-003-01	2	Bolt, Press-In
007-187-00	4	Bolt, Shoulder
013-143-03	2	Equalizer Assembly
014-077-00	8	Bushing
018-024-01	4	Shackle Link
018-026-00	4	Shackle Link Assembly
059-867-00	1	Instruction Sheet



E-Z Flex Suspension Kit — K71-656-00

6K maximum, triple 33" axle spacing, 1¾" double eye springs, (wet bolts, bronze bushings & heavy duty shackles).

Dx Part No.	Quantity	Parts Description
006-007-01	4	Nut, Hex Locking
006-092-01	18	Nut, Flange
007-003-01	4	Bolt, Press-In
007-187-00	6	Bolt, Shoulder
013-143-03	2	Equalizer Assembly
013-145-03	2	Equalizer Assembly
014-077-00	12	Bushing
018-024-01	6	Shackle Link
018-026-00	6	Shackle Link Assembly
059-867-00	1	Instruction Sheet



E-Z Flex Equalizer & Bolts — K71-658-00

6K maximum capacity, triple 33" axle spacing, 1¾" double eye springs.

Dx Part No.	Quantity	Parts Description
006-007-01	4	Nut, Hex Locking
007-003-01	4	Bolt, Press-In
013-143-03	2	Equalizer Assembly
013-145-03	2	Equalizer Assembly
059-863-00	1	Instruction Sheet

Suspension Components



E-Z Flex Equalizer & Bolts — K71-654-00

6K maximum capacity, tandem 33" axle spacing, 1¾" double eye springs (wet bolts, bronze bushings & heavy duty shackles).

Dx Part No.	Quantity	Parts Description
006-007-01	2	Nut, Hex Locking
007-003-01	2	Bolt, Press-In
013-143-03	2	Equalizer Assembly
059-863-00	1	Instruction Sheet



E-Z Flex Suspension Kit — K71-653-00

8K maximum capacity, tandem 35" axle spacing, 1¾" double eye springs (wet bolts, bronze bushings & heavy duty shackles).

Dx Part No.	Quantity	Parts Description
006-007-01	2	Nut, Hex Locking
006-092-01	12	Nut, Flange
007-003-01	2	Bolt, Press-In
007-187-00	4	Bolt, Shoulder
013-144-03	2	Equalizer Assembly
014-077-00	8	Bushing
018-024-01	4	Shackle Link
018-026-00	4	Shackle Link Assembly
059-867-00	1	Instruction Sheet



E-Z Flex Suspension Kit — K71-657-00

8K maximum capacity, triple 35" axle spacing, 1¾" double eye springs (wet bolts, bronze bushings & heavy duty shackles).

Dx Part No.	Quantity	Parts Description
006-007-01	4	Nut, Hex Locking
006-092-01	18	Nut, Flange
007-003-01	4	Bolt, Press-In
007-187-00	6	Bolt, Shoulder
013-144-03	2	Equalizer Assembly
013-146-03	2	Equalizer Assembly
014-077-00	12	Bushing
018-024-01	6	Shackle Link
018-026-00	6	Shackle Link Assembly
059-867-00	1	Instruction Sheet



E-Z Flex Equalizer & Bolts — K71-655-00

8K maximum capacity, tandem 35" axle spacing, 1¾" double eye springs.

Dx Part No.	Quantity	Parts Description
006-007-01	2	Nut, Hex Locking
007-003-01	2	Bolt, Press-In
013-144-03	2	Equalizer Assembly
059-863-00	1	Instruction Sheet



E-Z Flex Equalizer & Bolts K71-659-00

8K maximum capacity, triple 35" axle spacing, 1¾" double eye springs.

Dx Part No.	Quantity	Parts Description
006-007-01	4	Nut, Hex Locking
007-003-01	4	Bolt, Press-In
013-144-03	2	Equalizer Assembly
013-146-03	2	Equalizer Assembly
059-863-00	1	Instruction Sheet



Tandem Attaching Parts Kit K71-660-00

E-Z Flex suspension kit, tandem 33" axle spacing, 1¾" double eye springs (heavy duty shackles).

Dx Part No.	Quantity	Parts Description
006-007-01	2	Nut, Hex Locking
006-092-01	12	Nut, Flange
007-003-01	2	Bolt, Press-In
007-126-00	4	Bolt, Shoulder
013-143-03	2	Equalizer Assembly
018-024-01	4	Shackle Link
018-028-00	4	Shackle Link
059-863-00	1	Instruction Sheet

Suspension Components



Removable Spindle Kit — K71-742-00

Fits Dexter Torflex #9 removable spindle system.

Dx Part No.	Quantity	Parts Description
002-287-22	1	Spindle #9
005-023-00	1	Washer, "D"
005-162-00	1	Washer, Loc
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
007-288-00	1	Screw, Hex
059-897-00	1	Instruction Sheet
088-008-00	1	Grease Packet



Removable Spindle Kit — K71-743-00

Fits Dexter Torflex #10 removable spindle system.

Dx Part No.	Quantity	Parts Description
002-286-22	1	Spindle #10
005-023-00	1	Washer, "D"
005-162-00	1	Washer, Loc
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
007-288-00	1	Screw, Hex
059-897-00	1	Instruction Sheet
088-008-00	1	Grease Packet



Removable Spindle Kit — K71-744-00

Fits Dexter Torflex #11 removable spindle system.

Dx Part No.	Quantity	Parts Description
002-285-22	1	Spindle #11
005-023-00	1	Washer, "D"
005-162-00	1	Washer, Loc
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
007-289-00	1	Screw, Hex
059-897-00	1	Instruction Sheet
088-008-00	1	Grease Packet



Removable Spindle Kit — K71-745-00

Fits Dexter Torflex #12 removable spindle system.

Dx Part No.	Quantity	Parts Description
002-284-22	1	Spindle #12
005-057-00	1	Washer, "D"
005-162-00	1	Washer, Loc
006-190-00	1	Nut, Retainer
006-191-00	1	Nut, Hex
007-289-00	1	Screw, Hex
059-897-00	1	Instruction Sheet
088-008-00	1	Grease Packet



Over/Under Conversion Kit — K71-384-00

Conversion kit for 2⅜" tube.

Dx Part No.	Quantity	Parts Description
003-064-00	2	Spring Seat Weldment 2.38 OD
006-017-01	8	Nut, Hex
006-094-00	4	Nut Coupling ½-13 Gr 2
011-074-01	4	U-Bolt
012-051-02	2	Tie Plate
059-551-00	1	Instruction Sheet



Over/Under Conversion Kit — K71-385-00

Conversion kit for 3" tube.

Dx Part No.	Quantity	Parts Description
003-070-00	2	Spring Seat Weldment 3.00 OD
006-094-00	4	Nut Coupling ½-13 Gr 2
006-129-01	8	Nut, Hex
011-017-01	4	U-Bolt
012-001-02	2	Tie Plate
059-551-00	1	Instruction Sheet



Shock Kit — K71-175-01

Fits 2¾" and 3" tube for 1.75" wide springs; for one axle.

Dx Part No.	Quantity	Parts Description
005-115-00	4	Washer, Plain
005-116-00	4	Washer, Plain
012-055-01	2	Tie Plate
033-029-00	2	Bracket, Upper Shock
052-003-00	2	Shock Absorber and Attaching Hardware
059-258-00	1	Instruction Sheet



Shock Kit — K71-697-00

Replacement shock kit; single axle.

Dx Part No.	Quantity	Parts Description
052-003-00	2	Shock Absorber and Attaching Hardware

Suspension Components



U-Bolts & Nuts Kit — K71-391-00

Replacement for 1.75" axle tube; ⅜"-24 UNF.

Dx Part No.	Quantity	Parts Description
006-130-01	4	Nut, Flange
011-054-01	2	U-Bolt



U-Bolts & Nuts Kit — K71-293-00

Replacement for 2.38" axle tube; 7⁄16"-20 UNF.

Dx Part No.	Quantity	Parts Description
006-017-01	4	Nut, Hex
011-074-01	2	U-Bolt



U-Bolts & Nuts Kit — K71-294-00

Replacement for 3.00" axle tube; ½"-20 UNF.

Dx Part No.	Quantity	Parts Description
006-129-01	4	Nut, Hex
011-017-01	2	U-Bolt



U-Bolts & Nuts Kit — K71-730-00

Fits 1.75" diameter axle tube; ⅜"-24 thread. (Torque from 30 to 50 ft. lbs.)

Dx Part No.	Quantity	Parts Description
006-130-01	8	Nut, Flange
011-054-01	4	U-Bolt
012-040-01	2	Tie Plate



U-Bolts & Nuts Kit — K71-731-00

Fits 2.38" diameter axle tube; 7⁄16"-20 thread. (Torque from 45 to 70 ft. lbs.)

Dx Part No.	Quantity	Parts Description
006-017-01	8	Nut, Hex
011-075-01	4	U-Bolt
012-051-02	2	Tie Plate



U-Bolts & Nuts Kit — K71-732-00

Fits 3" diameter axle tube; ½"-20 thread. (Torque from 45 to 70 ft. lbs.)

Dx Part No.	Quantity	Parts Description
006-129-01	8	Nut, Hex
011-018-01	4	U-Bolt
012-001-02	2	Tie Plate



Shackle Link — K71-288-00

2.25" hole to hole, 3.50" long. Use with shackle bolt kit K71-290-00.

Dx Part No.	Quantity	Parts Description
018-011-01	4	Shackle Link



Shackle Link — K71-289-00

3.12" hole to hole, 4.38" long. Use with shackle bolt kit K71-290-00.

Dx Part No.	Quantity	Parts Description
018-012-01	4	Shackle Link

Suspension Components



Shackle Bolt & Flange Nut Kit — K71-290-00

2.90" long, 7⁄16"-20 UNF.

Dx Part No.	Quantity	Parts Description
006-092-01	2	Nut, Flange
007-126-01	2	Bolt, Shoulder



Wet Shackle Bolt & Flange Nut — K71-696-00

Replaces 9⁄16"-2.90" long shackle bolt, 7⁄16"-20.

Dx Part No.	Quantity	Parts Description
006-092-01	4	Nut, Flange
007-187-00	4	Bolt, Shoulder



Rubber Equalizer Bushing — K71-371-00

Fits Dexter 8K-9K axles.

Dx Part No.	Quantity	Parts Description
014-074-00	1	Bushing



Rubber Spring Eye Bushing — K71-370-00

Fits Dexter 10K-15K axles.

Dx Part No.	Quantity	Parts Description
014-069-00	1	Bushing



Rubber Equalizer Bushing — K71-372-00

Fits Dexter 10K-15K axles.

Dx Part No.	Quantity	Parts Description
014-070-00	1	Bushing



Slipper Spring Kit — K71-365-00

For 2800-6000 lb. axles with 33.5" axle spacing (A/P-202-00).

Dx Part No.	Quantity	Parts Description
006-007-01	4	Nut, Hex Locking
006-011-00	4	Nut, Hex Locking
006-111-00	2	Nut, Hex Locking
007-001-01	2	Bolt, Carriage
007-007-00	4	Bolt, Hex
007-017-00	4	Bolt, Hex
013-004-00	2	Equalizer



Slipper Spring Kit — K71-366-00

For 7K and 8K axles with 36" axle spacing (A/P-216-00).

Dx Part No.	Quantity	Parts Description
006-007-01	4	Nut, Hex Locking
006-011-00	4	Nut, Hex Locking
006-111-00	2	Nut, Hex Locking
007-001-01	2	Bolt, Carriage
007-007-00	4	Bolt, Hex
007-017-00	4	Bolt, Hex
013-044-01	2	Equalizer



Bronze Bushing Kit — K71-291-00

For spring eye and equalizer. 1.74" long, .575" ID, .698" OD.

Dx Part No.	Quantity	Parts Description
014-077-00	4	Bushing

Suspension Components



Grease Fitting — K71-292-00

Fits Dexter E-Z Lube spindles, shackle and hanger bolts.

Dx Part No.	Quantity	Parts Description
061-007-00	2	Grease Fitting



Frame Spacer Kit — K71-723-01

Fits Dexter Torflex #9 axles. Increases ride by 2.63", for one axle. Cannot be used with Torflex axles produced with 3" high profile brackets.

Dx Part No.	Quantity	Parts Description
003-399-02	2	Frame Spacer #9
005-080-00	12	Washer, Plain
006-125-00	8	Nut, Hex Locking
007-153-00	8	Bolt, Hex
059-886-00	1	Instruction Sheet



Frame Spacer Kit — K71-707-01

Fits Dexter Torflex #10 axles. Increases ride by 2.63", for one axle. Cannot be used with Torflex axles produced with 3" high profile brackets.

Dx Part No.	Quantity	Parts Description
003-377-02	2	Frame Spacer #10
005-111-00	12	Washer, Plain
006-126-00	8	Nut, Hex Locking
007-177-00	8	Screw, Hex
059-886-00	1	Instruction Sheet



Frame Spacer Kit — K71-707-02

Fits Dexter Torflex #10 axles. Increases ride by 2.63", for two axles. Cannot be used with Torflex axles produced with 3" high profile brackets.

Dx Part No.	Quantity	Parts Description
003-377-02	4	Frame Spacer #10
005-111-00	24	Washer, Plain
006-126-00	16	Nut, Hex Locking
007-177-00	16	Screw, Hex
059-886-00	1	Instruction Sheet



Frame Spacer Kit — K71-724-02

Fits Dexter Torflex #11 axles. Increases ride height by 2.88", for two axles.

Dx Part No.	Quantity	Parts Description
003-400-02	4	Frame Spacer #11
005-111-00	24	Washer, Plain
006-126-00	16	Nut, Hex Locking
007-177-00	16	Screw, Hex
059-886-00	1	Instruction Sheet



Frame Spacer Kit — K71-725-02

Fits Dexter Torflex #12 axles. Increases ride height by 3.13", for two axles.

Dx Part No.	Quantity	Parts Description
003-401-02	4	Frame Spacer #12
005-111-00	24	Washer, Plain
006-126-00	16	Nut, Hex Locking
007-177-00	16	Screw, Hex
059-886-00	1	Instruction Sheet



Pivot Bushing Replacement Kit — K71-734-00

Front pivot bushing replacement kit for one Airflex axle.

Dx Part No.	Quantity	Parts Description
006-287-00	2	Nut, Hex Locking
007-466-00	2	Bolt, Hex
014-123-00	2	Pivot Bushing Assembly
014-127-00	2	Pivot Bushing Spacer
059-899-00	1	Instruction Sheet

Suspension Components



Airflex Air Control Ride Height Kit — K71-692-01

Fits Dexter Airflex products.
(Components available in kit form only - individual items not available).

Dx Part No.	Quantity	Parts Description
n/a	1	Ride Height Control Valve
n/a	1	Link Assembly
n/a	2	Valve Attaching Bolt ¼"-20 UNC x 1.00
n/a	2	Valve Attaching Nut ¼"-20 UNC Nylock
n/a	1	Link Attaching Bolt ¼"-20 UNC x 2.00



Airflex Air Control Kit — K71-692-02

Fits Dexter Airflex products. Includes air supply.
(Components available in kit form only - individual items not available).

Dx Part No.	Quantity	Parts Description
n/a	1	Enclosure, Stainless Steel
n/a	1	Air Compressor
n/a	1	Tank
n/a	1	Reservoir
n/a	1	Drain Valve
n/a	1	Pressure Switch
n/a	1	Dump Valve
n/a	1	Pressure Gage
n/a	1	Fittings
n/a	1	Hose



Airflex Air Control Kit — K71-692-03

Fits Dexter Airflex products. No air supply included.
(Components available in kit form only - individual items not available.

Dx Part No.	Quantity	Parts Description
n/a	1	Enclosure
n/a	1	Dump Valve
n/a	1	Pressure Gage
n/a	1	Fittings
n/a	1	Hose

Dexter Axle Limited Warranty

What Products Are Covered
All Dexter Axle Company ("Dexter") trailer axles, suspensions, and brake control systems manufactured on or after September 1, 2016, excluding Dexter 6000 series Manufactured Housing Axles. Additional exclusions include the following brands: UFP by Dexter, AL-KO (IAC), Titan Brakes and Actuators by Dexter, and BrakeRite by Dexter products, which are covered under separate warranties.

Limited 1 Year Warranty
As specified in Dexter's current publication "Operation Maintenance Service Manual", grease and oil seals FOR ALL PRODUCTS have a one (1) year limited warranty to the original purchaser from the date of first sale of the trailer incorporating such components. **Except as to grease and oil seals, the following four other warranties are available.**

Limited 2 Year Warranty
Dexter warrants to the original purchaser that its electric/hydraulic brake actuators shall be free from defects in material and workmanship for a period of two (2) years from the date of first sale of the trailer incorporating such components.

Limited 5 Year Warranty
Dexter warrants to the original purchaser that its axles, suspension systems and Genuine Replacement Parts shall be free from defects in material and workmanship for a period of five (5) years. The warranty period shall begin from the date of the original purchase of the trailer and/or Genuine Replacement Parts.

Limited 7 Year Warranty
Dexter warrants to the original purchaser that its Predator Series® electric brake controllers shall be free from defects in material and workmanship for a period of seven (7) years from the date of purchase.

Limited 10 Year Warranty
Dexter warrants to the original purchaser that the suspension components of its Torflex® axles shall be free from defects in material and workmanship for a period of ten (10) years from the date of first sale of the trailer incorporating such suspension components.

Exclusive Remedy
Dexter will, at its option, repair or replace the affected components of any defective axle, repair or replace the entire defective axle, or refund the lesser of the original purchase price and the then-current list price of the axle or components. In all cases, a reasonable time period must be allowed for warranty repairs to be completed. Allowance will only be made for installation costs specifically approved by Dexter.

What You Must Do
In order to make a claim under these warranties:

1. You must be the original purchaser of the trailer in which the sprung suspension axles or Torflex® axles or components were originally installed.
2. You must promptly notify Dexter after detection of any defect, but in any case within the applicable warranty period of such defect, and provide us with the axle or applicable component serial number and any substantiation of such defect which may include, but is not limited to, the return of part(s) that we may reasonable request.
3. The axles, suspensions and components must have been installed and maintained in accordance with good industry practice and any specific Dexter recommendations, including those specified in Dexter's current publication "Operation Maintenance Service Manual".

Exclusions
These warranties do not extend to and do not cover defects caused by:

1. The connecting of brake wiring to the trailer wiring or trailer wiring to the towing vehicle wiring.
2. The attachment of the running gear to the frame.
3. Parts not supplied by Dexter.
4. Any damage whatsoever caused by or related to any alteration of the axle including welding supplemental brackets to the axle.
5. Use of an axle on a unit other than the unit to which it was originally mounted.
6. Normal wear and tear.
7. Improper alignment.
8. Improper installation.
9. Unreasonable use (including failure to provide reasonable and necessary maintenance as specified in Dexter's current publication "Operation Maintenance Service Manual including required maintenance after "Prolonged Storage").
10. Improper torque values and torqueing of wheel nuts. (The proper torqueing procedure and torque values are contained in Dexter's current publication "Operation Maintenance Service Manual").
11. Cosmetic finish or corrosion.

Limitations
1. **In all cases, Dexter reserves the right to fully satisfy its obligations under the Limited Warranties by refunding the lesser of the original purchase price and the then-current list price of the defective axle (or, if the axle has been discontinued, of the most nearly comparable current product).**
2. Dexter reserves the right to furnish a substitute of replacement component or product in the event an axle or any component of the axle is discontinued or is otherwise unavailable.
3. These warranties are nontransferable.

General
THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES EXCEPT THAT OF TITLE, WHETHER WRITTEN, ORAL OR IMPLIED, IN FACT OR IN LAW (INCLUDING ANY WARRANTY AGAINST INFRINGEMENT OR OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE).

These warranties give you specific legal rights, and you may also have other rights which vary from state to state.

DEXTER HEREBY EXCLUDES INCIDENTAL AND CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF TIME, INCONVENIENCE, LOSS OF USE, TOWING FEES, TELEPHONE CALLS, COST OF MEALS OR LODGING, FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation if incidental or consequential damages, so the above exclusion or limitation may not apply to you.

Inquiries regarding these warranties should be sent to:

Dexter Axle Company
P.O. Box 250
Elkhart, IN 46515

Note: Current publication "Operation Maintenance Service Manual" can be found at **www.dexteraxle.com**.

Dexter Video Gallery

In keeping with our continual commitment to industry safety and the development of innovative products, please feel free to view our ongoing video gallery at “www.dexteraxle.com/video_gallery” or scan the following QR codes with your smart phone. We are confident these videos will help educate and promote the Dexter product line that you, as our customer, are investing in.

Bearing Maintenance

E/H Actuator Installation

E-Z Flex® Suspension

E-Z Lube® System

Genuine Brakes

Genuine Replacement Parts

Leaf Spring Axles

Manual Brake Bleeding

Medium Duty Axles

Nev-R-Adjust® Brakes

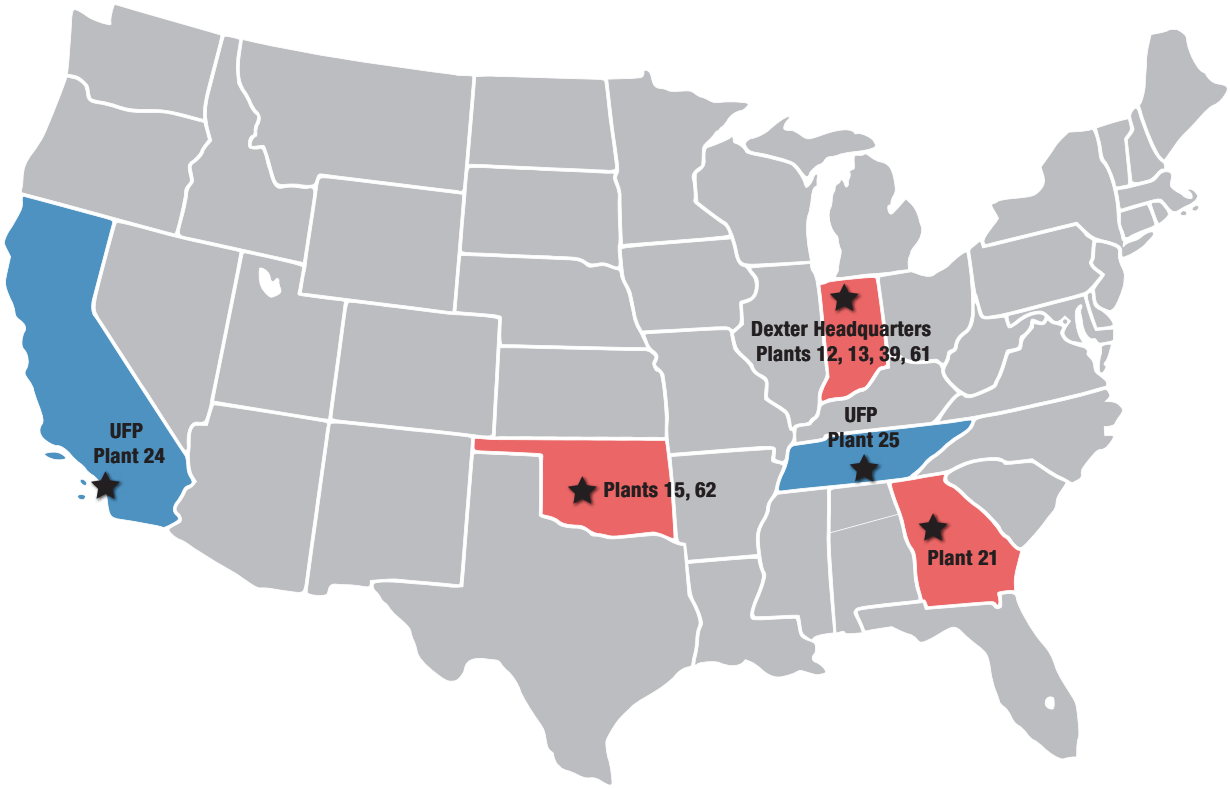
Power Brake Bleeding

Removable Spindle

Sway Control

Torflex® Suspension Axles

Genuine Dexter axles and components are available nationwide from our plant locations listed below or through our network of distributors. Check our web site for the distributor nearest you.



Dexter - Headquarters

2900 Industrial Parkway East ■ Elkhart, Indiana 46516
Phone: 574-295-7888 ■ Fax: 574-295-8666
www.dexteraxle.com

Dexter - Plt 12
301 West Pearl Street
Fremont, Indiana 46737
Phone: 260-495-5100
Fax: 260-495-1701

Dexter - Plt 13
500 South 7th Street
Albion, Indiana 46701
Phone: 260-636-2195
Fax: 260-636-3030

Dexter - Plt 15
500 Southeast 27th Street
El Reno, Oklahoma 73036
Phone: 405-262-6700
Fax: 405-262-9089

Dexter - Plt 21
199 Perimeter Road
Monticello, Georgia 31064
Phone: 706-468-6495
Fax: 706-468-2966

Ventline - Plt 39
902 South Division Street
Bristol, Indiana 46507
Phone: 574-848-4491
Fax: 574-848-4825
www.ventline.com

Dexter Door - Plt 39
902 South Division Street
Bristol, Indiana 46507
Phone: 574-848-4491
Fax: 574-848-4825
www.dexterdoor.com

Dexter - Plt 61
21611 Protecta Drive
Elkhart, Indiana 46516
Phone: 574-294-6651
Fax: 574-295-6626

Dexter - Plt 62
301 North Kennedy Street
Shawnee, Oklahoma 74801
Phone: 405-273-9315
Fax: 405-273-1054

UFP - Plt 24
135 Sunshine Lane
San Marcos, California 92069
Phone: 760-744-1610
Fax: 760-744-1616

UFP/BrakeRite - Plt 25
1041 Baxter Lane
Winchester, Tennessee 37398
Phone: 931-967-5101
Fax: 931-967-1828

NO PART OF THIS CATALOG MAY BE REPRODUCED WITHOUT DEXTER'S PERMISSION. ALL PART NUMBERS, DIMENSIONS AND SPECIFICATIONS IN THIS CATALOG ARE SUBJECT TO CHANGE WITHOUT NOTICE.

DEXKO GLOBAL



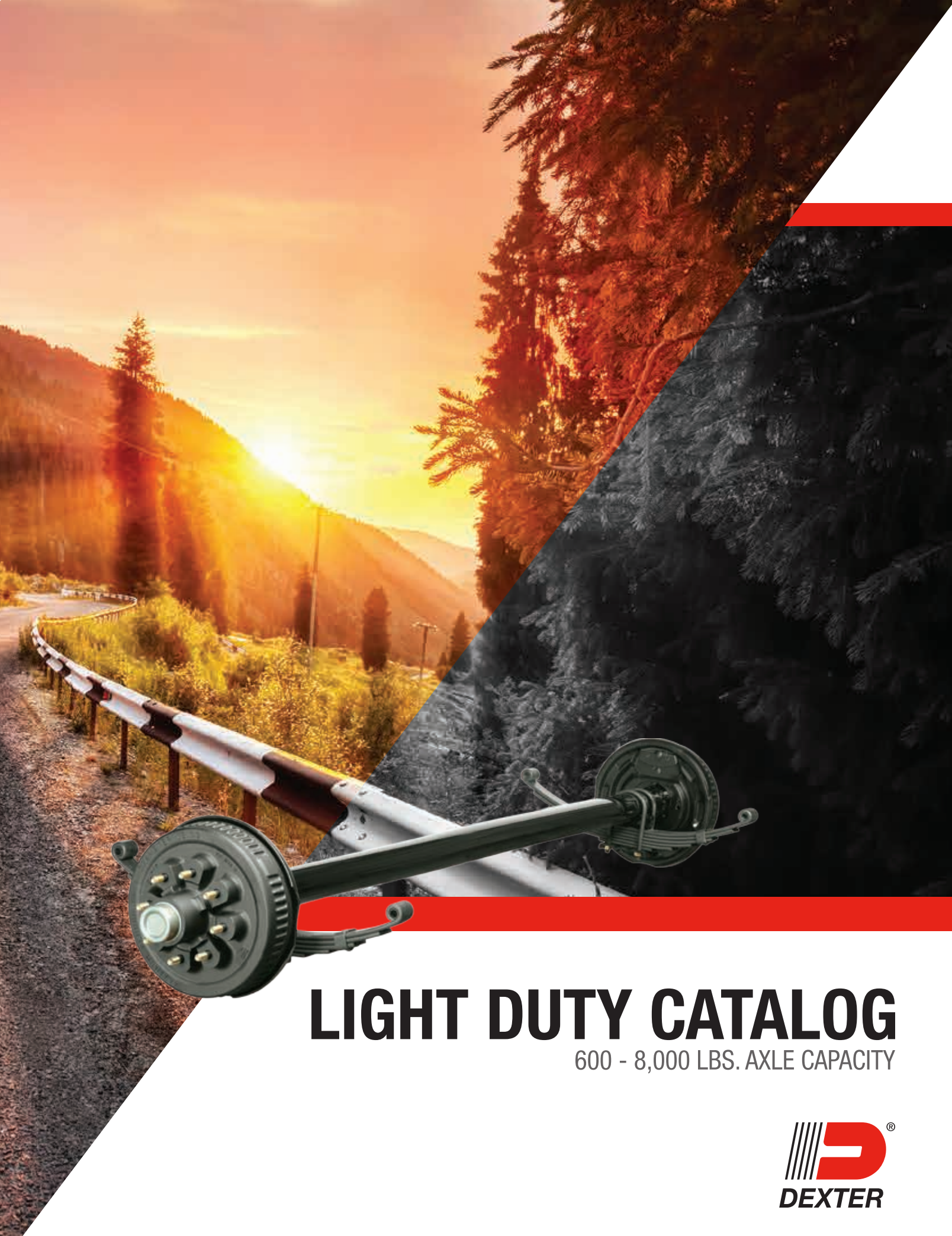
GENUINE DEXTER REPLACEMENT PARTS

www.dexteraxle.com
2900 Industrial Parkway East ■ Elkhart, IN 46516
Phone: 574-295-7888 ■ Fax: 574-295-8666

ISO 9001 Certified

03/17

© 1992 - 2017 Dexter Axle Company. LIT-119-00



LIGHT DUTY CATALOG

600 - 8,000 LBS. AXLE CAPACITY

DEXTER®

Introduction

This information is intended as a guide for the proper specification and application of Dexter running gear, associated components and accessories.

Dexter offers a full line of trailer axles that can be used in many different applications. When specifying any pre-engineered components such as axles, it is the responsibility of the trailer designer to insure compatibility with the vehicle and all of its sub-systems.

Important Information

The information presented is meant to assist trailer manufacturers in the specification of their running gear components. Dexter does not warrant that the information given constitutes an approved trailer design or application. Dynamic loading, travel requirements unique to the trailer design, unusual service conditions, trailer configurations, unequal load distribution, hitch or coupler arrangements and towing vehicle suspension characteristics can significantly affect the performance of any trailer axle and/or suspension systems. It remains the responsibility of the trailer manufacturer to evaluate, specify and test their trailer/running gear combination before production and to certify it as such. While the information presented at the time of this writing is current, it is subject to change as designs and components evolve over time.

Disclaimer of Warranty and Limitation of Liability

All users of this product catalog acknowledge that the information presented is significantly affected by factors within the exclusive knowledge of the user including, among other things, service conditions, trailer configurations, load distributions, hitch and coupler arrangements and tow vehicle suspension characteristics, that the users have independently investigated these factors and have solely relied on those investigations when using this catalog, and that it is the responsibility of the user to adequately specify, evaluate and test its trailer/running gear combinations.

DEXTER DISCLAIMS ALL WARRANTIES, WHETHER WRITTEN, ORAL OR IMPLIED, IN FACT OR IN LAW (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE), ASSOCIATED WITH THE USE OF THE CATALOG AND WITH ANY INFORMATION PRESENTED BY THIS CATALOG.

Dexter shall not be liable in damages (whether compensatory, punitive, direct, indirect, special, incidental or consequential) to any user of this catalog under contract, tort, strict liability or any other theory of liability, and any user agrees to indemnify and hold Dexter harmless from any and all claims, actions or other proceedings (including attorney fees and court costs) arising out of the use of this catalog to the extent said claims, actions or other proceedings do not arise out of the sole and exclusive negligence of Dexter.

Load Ratings

The maximum load carrying capacity of any assembly is limited to the lowest load rating of any individual component selected. For instance, the load rating of a pair of wheels may be lower than other axle components selected. If this is the case, the load carrying capacity of the axle assembly is reduced accordingly. As a specific example, if a pair of wheels is rated at 1500 pounds each and is used with other components rated at 4000 pounds per axle, the maximum load capacity is limited to 3000 pounds. If two tires are rated at 1400 pounds each and are used on this assembly, the maximum load carrying capacity is limited to 2800 pounds.

Axle Orientation

When working with trailer running gear, it is important to understand the various features and descriptions of the equipment. Most trailer axles are directional by nature, that is, it is imperative that they be installed onto the trailer in the proper manner to ensure brake functioning and correct wheel alignment. The front of the axle must be oriented toward the front of the trailer. The convention used to define right and left is based on viewing the trailer from the rear and facing in the direction of forward travel.

Features to help identify the front of the axle:

- Electric brake wires exit brake backing plates toward the rear of the axle.
- 12¼" hydraulic brakes have view ports through the dust shield on the back of the assembly. Where the brake lining is visible in the view port, that will indicate the rear or secondary shoe which is always oriented toward the rear of the axle.
- Slipper springs have the spring eye at the front of the axle.
- Leaf spring axles with inner wiring have the wires exit the tube toward the rear of the axle.
- Torflex® axles have the wheel center trailing behind the axle tube.
- Axles using ¾" spherical ball seat wheel nuts will have right and left handed threads. The right handed thread must be on the right end or curb side of the axle while the left handed thread will be on the left end or road side of the axle.

Stub Axle Disclaimer

A stub axle is described as a trailer axle spindle, welded to a short length of tubing. Stub axles may be specified and purchased as plain spindle/tube weldments or they may be fully assembled wheel end units, with or without trailer brakes.

These incomplete axles are sold to manufacturers who wish to incorporate them into a variety of applications such as specialty vehicular axles, belt tensioning devices, machinery pivot points, etc. **Dexter has no control of the design intent of these special applications and therefore cannot apply a rating or capacity to these components.**

The spindle/tube connection has been designed for suitable stress levels when used in a trailer axle, mounted to an approved suspension system and loaded to no more than the stated capacity. The use of all or part of the product for applications other than its intended purpose may not be appropriate. It is the customers' responsibility to determine the efficacy and safety of their particular application.

Torflex® axles can also be purchased as stub axles. This type of axle incorporates a self-contained suspension system. They can be specified as stub assemblies that will be rated for capacity when fitted with approved mounting brackets. The stated capacity will be based on the lowest rated component in each assembly.

These stub assemblies are essentially half axles that are intended to be mounted to the trailer chassis independent of each other. The trailer manufacturer must assume responsibility for the integrity of the attachment as well as the final wheel alignment since independent mounting puts these critical aspects out of Dexter's control. If used in pairs of unequal capacity, the trailer manufacturer should assign a Gross Axle Weight Rating of not more than two times the capacity of the lower rated sub assembly.

GAL-DEX®

GAL-DEX® is a galvanic coating used for corrosion protection of equipment in marine applications and is available on popular hubs and hub-drums and attaching parts.

- GAL-DEX® coating is a process that coats parts by overlapping zinc and aluminum flakes in an inorganic binder.
- Barrier protection – coating serves as a barrier between steel substrate and elements.
- Galvanic action – the zinc corrodes to protect the steel.
- Passivation – the metal oxide slows down the corrosion reaction (3 times greater protection than pure zinc).
- Self-repairing – coating migrates to damaged areas and restores barrier protection.
- Corrosion resistance – provides Salt Spray protection in excess of 1,000 hours.

Table of Contents

600-1100 Lbs. Capacity ..... #8 Torflex® 4
- Torflex® Application Information 5
- Hub Groups 7
- Brakes 8

1000-2200 Lbs. Capacity ..... #9 Torflex® / D20 Leaf Spring 11
- Torflex® Application Information 12
- Leaf Spring Application Information 14
- Hub Groups 15
- Brakes 16

2300-4000 Lbs. Capacity ..... #10, #10F & #10L Torflex® / D30 & D35 Leaf Spring 19
- Torflex® Application Information 20
- Leaf Spring Application Information 22
- Hub Groups 24
- Brakes 28

4100-6000 Lbs. Capacity ..... #11 Torflex® / D44, D52, & D60 Leaf Spring 40
- Torflex® Application Information 41
- Leaf Spring Application Information 43
- Hub Groups 45
- Brakes 49

5500-7000 Lbs. Capacity ..... #12 & #12T Torflex® / D60 & D70 Leaf Spring 58
- Torflex® Application Information 59
- Leaf spring Application Information 63
- Hub Groups 65
- Brakes 67
- Airflex® Suspension System 80

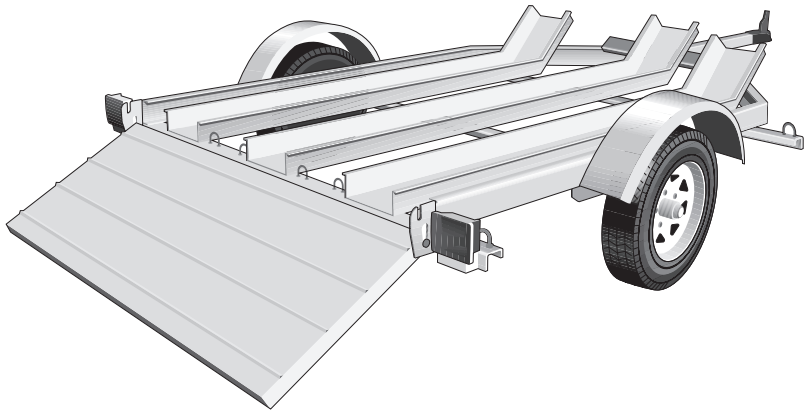
7200 Lbs. Capacity ..... #12V Torflex® / D72 Leaf Spring 83
- Torflex® Application Information 84
- Leaf Spring Application Information 86
- Hub Groups 88
- Brakes 90
- Airflex® Suspension System 92

8000 Lbs. Capacity ..... #13 & #13T Torflex® / D80 Leaf Spring 94
- Torflex® Application Information 95
- Leaf Spring Application Information 97
- Hub Groups 99
- Brakes 101
- Airflex® Suspension System 110

Miscellaneous
- Wheels and Tires 113
- Hanger and Attaching Parts Kits 114
- Torflex® Installation 116
- Dexter Axle Limited Warranty 119

Video Gallery
- Dexter Video Gallery 120

General Applications



Axle Types

600-1100 Lbs. Capacity

- Ideal application for light utility, for hauling personal watercraft and motorcycles
- Complete service manual
- Heavy duty 1 1/16" spindle design
- Precision machined steel spindles and integral cast iron hub/drums
- Short version spindle for trailers with extremely short overhangs
- 7" x 1¼" electric and 7" x 1¾" hydraulic brakes
- Electric brakes are available with and without parking feature
- Standard grease lubrication; E-Z Lube® option
- Lower cost



CAUTION: Triple axle assemblies are NOT recommended for #8 Torflex® axles.

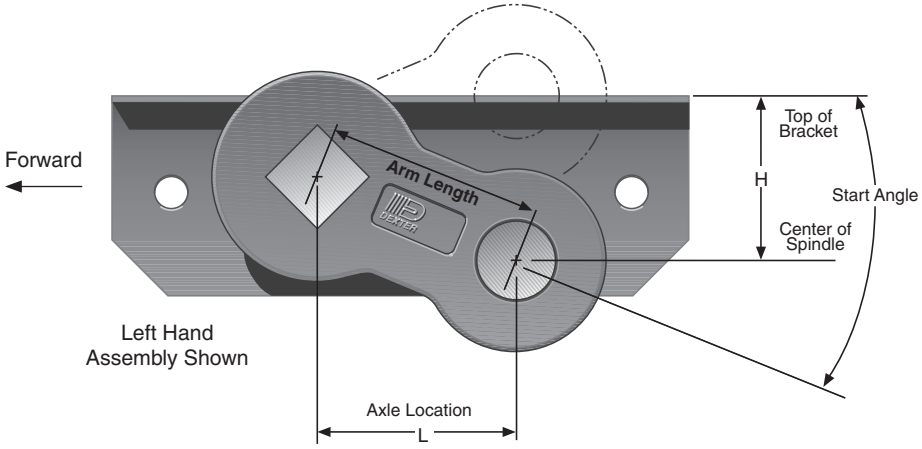
8 TORFLEX®



- Totally rubber-cushioned for smooth, quiet, independent ride
- Easy installation with less maintenance
- Less transfer of road shock which insulates cargo from road shocks and vibration
- Rubber cords compounded for maximum dependability and durability
- Load-carrying cross member
- Self-damping action
- Independent wheel suspension system
- 10 year limited warranty on Torflex® suspension system
- Low profile for maximum road clearance
- Various starting angles to control trailer height
- Low profile brackets available
- Rubber cushioning eliminates metal-to-metal contact
- Shock absorption provided by the natural hysteresis of rubber
- Single or tandem axle assemblies
- Durable, wear-resistant components

8 Articulation Dimensions

Dimensions are for low profile, top mount only. Side mount is .18" higher. Allow 3" bump clearance from full load.



		No Load		Full Load		Shock Load	
Start Angle	**Bracket Profile**	**H**	**L**	**H**	**L**	**H**	**L**
45° Down	Low	3.84	2.83	2.54	3.70	1.79	3.92
32° Down	Low	3.13	3.39	1.67	3.95	0.89	4.00
22.5° Down	Low	2.54	3.70	1.01	4.00	0.23	3.92
10° Down	Low	1.70	3.94	0.14	3.91	-0.60	3.66
0°	Low	1.01	4.00	-0.52	3.70	-1.21	3.33
10° Up	Low	0.32	3.94	-1.14	3.37	-1.76	2.89
22.5° Up	Low	-0.52	3.70	-1.82	2.83	-2.32	2.22

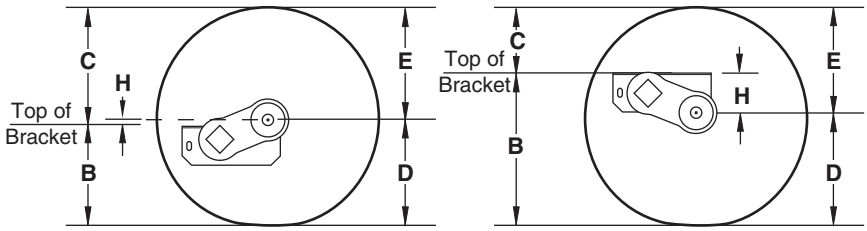
H = Height
L = Length

Note: Positive numbers in the H column indicate the spindle is BELOW the top of the bracket. Conversely, negative numbers are ABOVE the top of the bracket.

Torflex® Application Information

8 Full Load Dimensions

Dimensions are for low profile, top mount only. Side mount is .18" higher. Allow 3" bump clearance from full load.



10° Dn, 0°, 10° Up, 22.5° Up

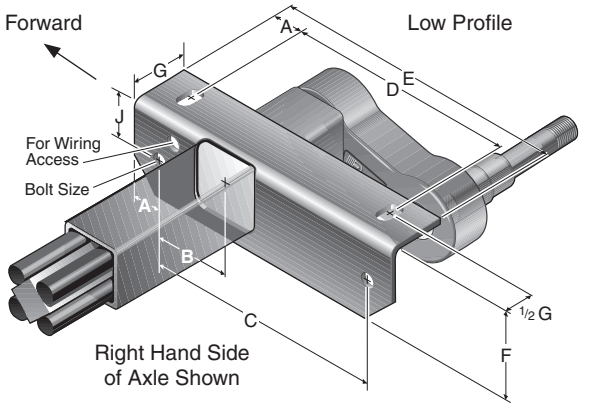
22.5° Dn, 45° DN

Start Angle

Tire	45° Down					32° Down					22.5° Down		
	D	E	H	B	C	D	E	H	B	C	H	B	C
ST175/80R13	11.2	12.0	2.5	13.7	9.5	11.2	12.0	1.7	12.9	10.3	1.0	12.2	11.0
4.80-8	7.9	8.8	2.5	10.4	6.3	7.9	8.8	1.7	9.6	7.1	1.0	8.9	7.8
4.80-12	9.5	10.8	2.5	12.0	8.3	9.5	10.8	1.7	11.2	9.1	1.0	10.5	9.8
20.5 x 8.0-10	9.7	10.8	2.5	12.2	8.3	9.7	10.8	1.7	11.4	9.1	1.0	10.7	9.8

Columns D and E are dimensional examples only:
D – Static Loaded Radius
E – Inflated Radius

Tire	10° Down			0°			10° Up			22.5° Up		
	H	B	C	H	B	C		B	C	H	B	C
ST175/80R13	0.1	11.3	11.9	-0.5	10.7	12.5	-1.1	10.1	13.1	-1.8	9.4	13.8
4.80-8	0.1	8.0	8.7	-0.5	7.4	9.3	-1.1	6.8	9.9	-1.8	6.1	10.6
4.80-12	0.1	9.6	10.7	-0.5	9.0	11.3	-1.1	8.4	11.9	-1.8	7.7	12.6
20.5 x 8.0-10	0.1	9.8	10.7	-0.5	9.2	11.3	-1.1	8.6	11.9	-1.8	7.9	12.6

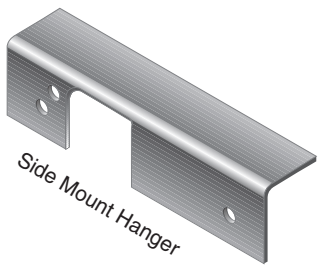


#8 Bracket Dimensions

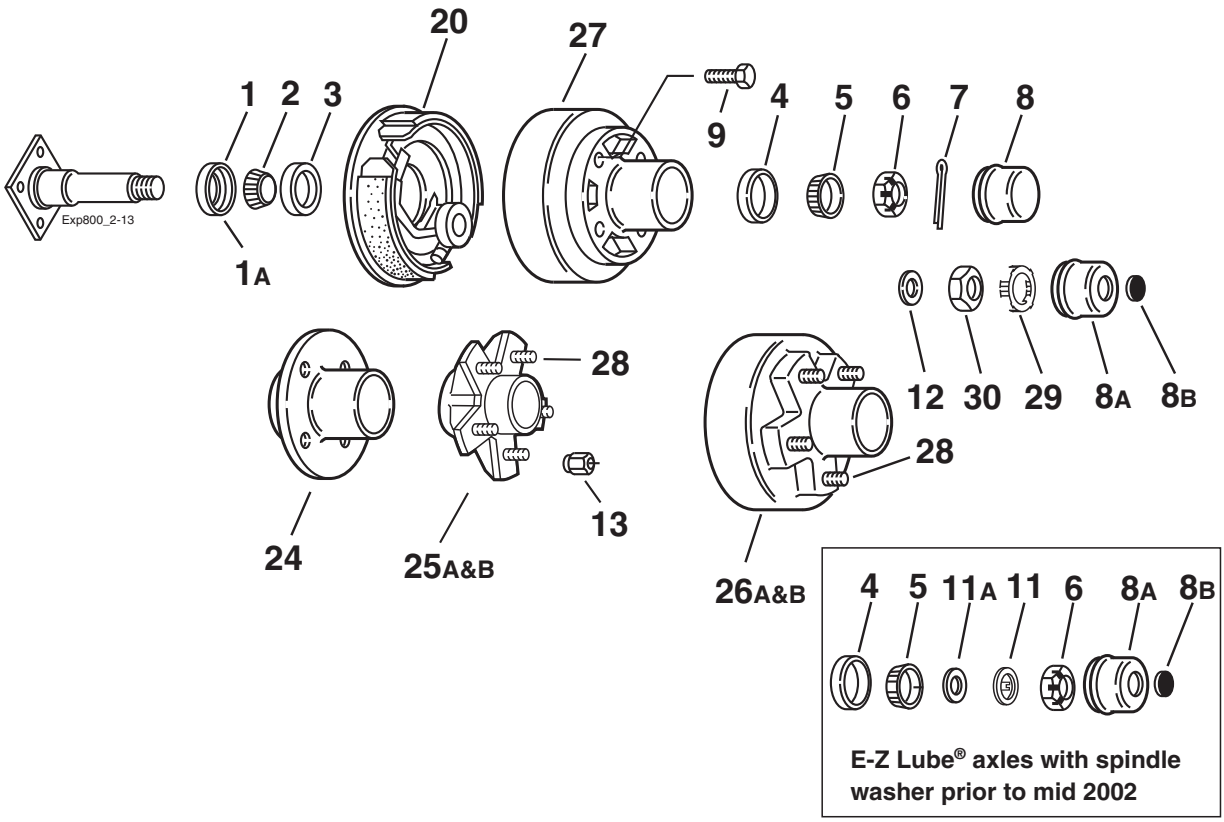
	Low
A	1.00
B	2.38
C	8.00
D	7.75
E	10.00
F	2.88
G	2.00
J	1.57
Bolt Size	½" bolt
Tube Size	1.75

#8 Overhang Per Side

Spindle	Min.	Max.
Short	4.75"	9.04"
Standard	6.00"	9.04"



440 and 545 Hub Group



E-Z Lube® axles with spindle washer prior to mid 2002

Grease Lube Parts

Item	Part No.	Description
1	010-009-00	Grease Seal
1A	010-060-00	Grease Seal for E-Z Lube®
2	031-031-02	L44649 Inner Bearing Cone
3	031-031-01	L44610 Inner Bearing Cup
4	031-031-01	L44610 Outer Bearing Cup
5	031-031-02	L44649 Outer Bearing Cone
6	006-176-00	Spindle Nut
7	019-002-00	Cotter Pin (not used with E-Z Lube®)
8	021-003-00	Grease Cap
8A	021-041-01	Grease Cap for E-Z Lube®
8B	085-001-00	Rubber Plug for E-Z Lube®
9	007-040-00	Wheel Bolt
11	005-101-00	Tang Washer for E-Z Lube® (before 2002)
11A	005-151-00	Spindle Washer for E-Z Lube® (before 2002)
12	005-023-00	Spindle Washer for E-Z Lube® (after 2002)
29	006-190-00	Spindle Nut Retainer for E-Z Lube® (after 2002)
30	006-191-00	Special Jam Nut for E-Z Lube® (after 2002)

Brakes

Item	Part No.	Description
20	K23-047-00/K23-048-00	LH/RH 7"x1¼" Electric
ns	K23-103-00/K23-104-00	LH/RH 7"x1¼" Electric w/park
ns	K23-398-00/K23-399-00	LH/RH 7"x1¾" Hydraulic Uni-servo

ns - not shown

Note: Spindle is not available for resale.

Hubs

Item	Part No.	Description	Bolt Circle
Hubs and Drums			
ns	008-173-16	½" Studs, elec. brakes ONLY	4 on 4.00
ns	008-276-05	½" Studs, hyd. brakes ONLY	4 on 4.00
26A	008-257-05	½" Studs, elec. brakes ONLY	5 on 4.50
26B	008-271-07	½" Studs, hyd. brakes ONLY	5 on 4.50
27	008-173-15	½" Tapped, elec. brakes ONLY	4 on 4.00
ns	008-257-04	½" Tapped, elec. brakes ONLY	5 on 4.50
ns	008-271-04	½" Tapped, hyd. brakes ONLY	5 on 4.50
Plain Hubs			
ns	008-091-05	½" Studs	4 on 4.00
24	008-091-04	½" Tapped	4 on 4.00
25A	008-259-05	½" Studs, 8"-12" wheels ONLY	5 on 4.50
25B	008-258-05	½" Studs, 13"-15" wheels ONLY	5 on 4.50
ns	008-259-04	½" Tapped, 8"-12" wheels ONLY	5 on 4.50
ns	008-258-04	½" Tapped, 13"-15" wheels ONLY	5 on 4.50

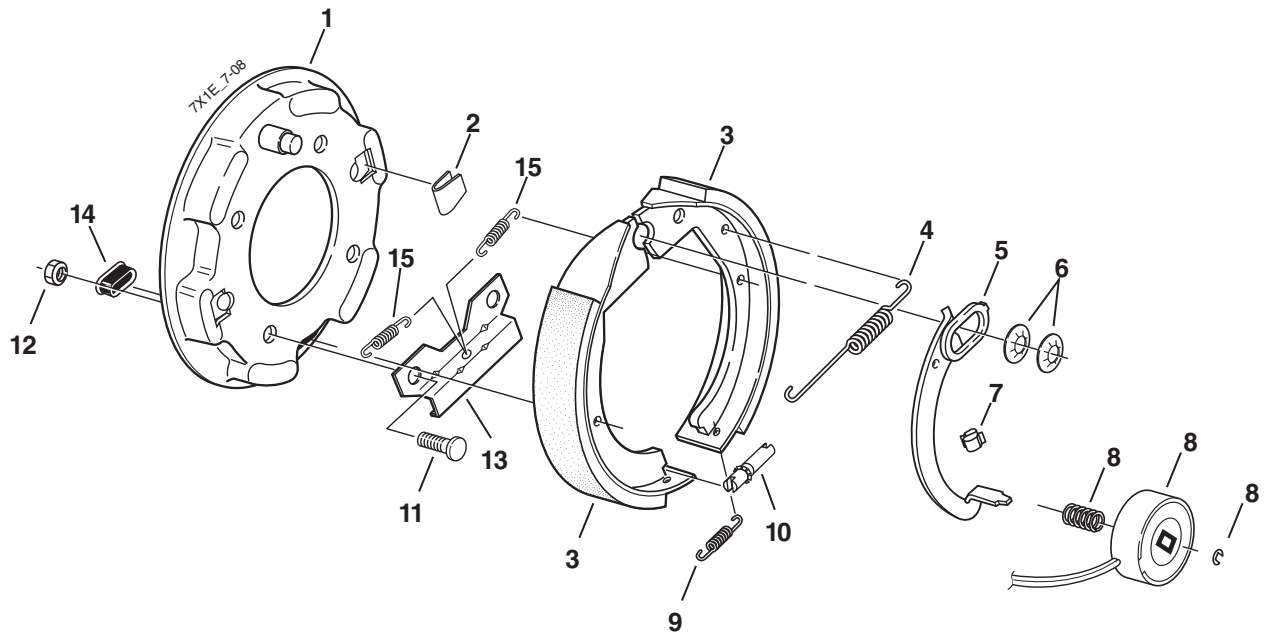
Studs & Wheel Nuts

Item	Part No.	Description
9	007-040-00	½-20 Wheel Bolt
13	006-080-00	½-20 60° Cone Nut
28	007-246-00	½-20 Press-in Stud

7" x 1¼" Electric Brake

600 - 1100 LBS. CAPACITY

Torflex® CSA approved at 2000#/11.3 SLR; 2200#/10.2 SLR
Sprung CSA approved at 2000#/12.8 SLR; 2200#/10.2 SLR



Electric Brake

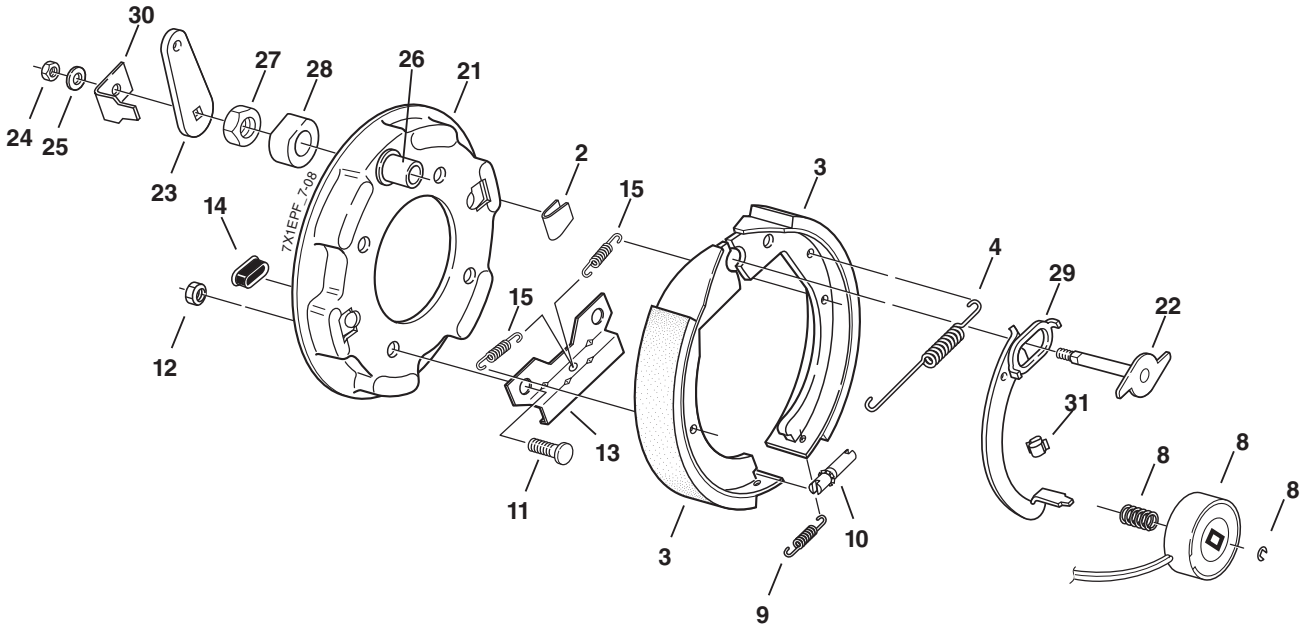
Item	Part No.	Qty/Brk	Description
0	K23-047-00	1	LH Complete Brake Assembly (shown)
0	K23-048-00	1	RH Complete Brake Assembly
1	036-036-04	1	Backing Plate Assembly (includes items #11, 13)
2	046-023-00	2	Shoe Hold Down Clip
3	K71-045-00	1	Shoe & Lining Kit Contains: 1 #040-125-00 Primary Shoe & Lining 2 #040-049-00 Secondary Shoe & Lining
4	046-024-00	1	Retractor spring
5	047-114-04	1	LH Actuating Lever Arm
5	047-115-04	1	RH Actuating Lever Arm
6	046-030-00	2	Anchor Post Clip
7	027-005-00	1	Wire Clip
For brakes manufactured after 4/1/90			
8	K71-057-00	1	Magnet Kit Contains: 1 #042-134-00 Magnet 1 #046-121-00 Magnet Clip 1 #046-086-00 Magnet Spring
9	046-022-00	1	Adjusting Screw Spring
10	043-021-00	1	Adjusting Screw
11	007-041-00	4	Brake Mounting Bolt - Press-in
*12	006-017-00	4	Brake Mounting Nut
13	064-001-00	1	Stabilizer Bracket
14	046-007-00	1	Adjuster Slot Plug
For brakes manufactured after 8/1/91			
15	046-114-00	2	Shoe Centering Spring

* Not included with complete brake assembly. Item sold separately.

This brake is rated to a maximum capacity of 2200 lbs. / pair

7" x 1¼" Electric Brake With Parking Feature

CSA approved at 2000#/11.3 SLR; 2200#/10.2 SLR



Electric Parking Brake

Item	Part No.	Qty/Brk	Description
0	K23-103-00	1	LH Complete Brake Assembly (shown)
0	K23-104-00	1	RH Complete Brake Assembly
2	046-023-00	2	Shoe Hold Down Clip
3	K71-045-00	1	Shoe & Lining Kit Contains: 1 #040-125-00 Primary Shoe &Lining 2 #040-049-00 Secondary Shoe &Lining
4	046-024-00	1	Retractor spring
For brakes manufactured after 4/1/90			
8	K71-057-00	1	Magnet Kit Contains: 1 #042-134-00 Magnet 1 #046-121-00 Magnet Clip 1 #046-086-00 Magnet Spring
9	046-022-00	1	Adjusting Screw Spring
10	043-021-00	1	Adjusting Screw
11	007-041-00	4	Brake Mounting Bolt - Press-in
*12	006-017-00	4	Brake Mounting Nut
13	064-001-00	1	Stabilizer Bracket
14	046-007-00	1	Adjuster Slot Plug
For brakes manufactured after 8/1/91			
15	046-114-00	2	Shoe Centering Spring

* Not included with complete brake assembly. Item sold separately.

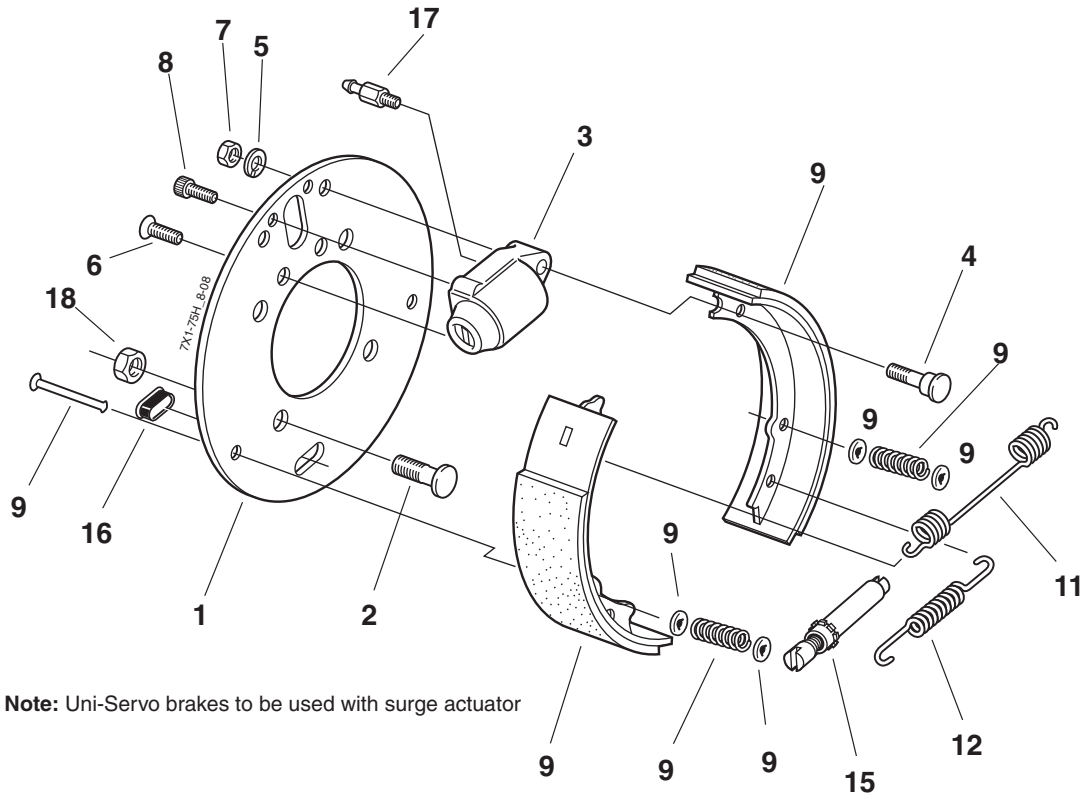
Electric Parking Brake

Item	Part No.	Qty/Brk	Description
21	036-036-07	1	LH Backing Plate & Lever Arm (includes items #22-30, 2, 11, 13)
21	036-036-08	1	RH Backing Plate & Lever Arm (includes items #22-30, 2, 11, 13)
22	039-041-00	1	LH Pivot Pin & Cam Sub-Assembly
22	039-042-00	1	RH Pivot Pin & Cam Sub-Assembly
23	047-079-00	1	Lever
24	006-075-00	1	Self Locking Nut
25	005-056-00	1	Washer
26	038-057-00	1	Anchor Pin
27	006-074-00	1	Self Locking Nut
28	071-031-00	1	Spacer
29	047-114-02	1	LH Lever Arm & Cam Assembly
29	047-115-02	1	RH Lever Arm & Cam Assembly
30	071-033-00	1	Lever Stop
31	027-005-00	1	Wire Clip

This brake is rated to a maximum capacity of 2200 lbs. / pair

7" x 1¾" Hydraulic Brake

CSA approved at 2500#/11.2 SLR



Note: Uni-Servo brakes to be used with surge actuator

Hydraulic Brake

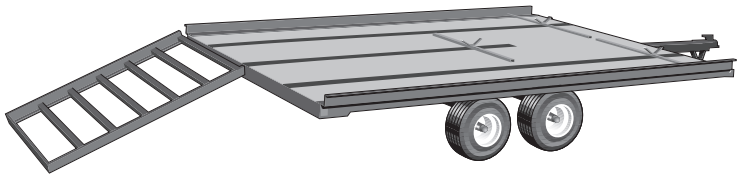
Item	Part No.	Qty/Brk	Description
0	K23-398-00	1	LH Complete Brake Assembly (shown)
0	K23-399-00	1	RH Complete Brake Assembly
1	036-038-00	1	Backing Plate
2	007-041-00	4	Brake Mounting Bolt - Press-in
3	054-080-03	1	Wheel Cylinder Assembly - LH (includes item #17)
3	054-080-04	1	Wheel Cylinder Assembly - RH (includes item #17)
4	038-072-00	1	Anchor Post
5	005-004-00	1	Lock Washer
6	007-235-00	1	Counter Sunk Cap Screw
7	006-010-00	1	Hex Nut
8	007-234-00	1	Socket Head Cap Screw
9	K71-466-00	1	Shoe & Lining Kit Contains: 1 #040-327-01 Primary Shoe & Lining 1 #040-328-01 Secondary Shoe & Lining 2 #046-006-00 Shoe Hold Down Spring 4 #035-001-00 Shoe Hold Down Spring Cup 2 #049-014-00 Shoe Hold Down Pin
11	046-126-00	1	Retractor spring
12	046-127-00	1	Adjusting Screw Spring
15	043-004-00	1	Adjuster Screw Assembly
16	046-007-00	1	Adjuster Slot Plug
17	054-084-00	1	Bleeder Screw 6mm Thread (brakes before 1/97)
17	054-088-00	1	Bleeder Screw 7mm Thread (brakes after 1/97)
*18	006-017-00	4	Brake Mounting Nut

* Not included with complete brake assembly. Item sold separately.

This brake is rated to a maximum capacity of 2500 lbs. / pair

General Applications







Axle Types

1000-2200 Lbs. Capacity

- Complete service manual
- Heavy duty 1 1/16" spindle design
- Precision machined steel spindles and integral cast iron hub/drums
- CSA approved 7" x 1¼" electric and 7" x 1¾" hydraulic brakes
- Electric brakes are available with and without parking feature
- Standard grease lubrication; E-Z Lube® option
- Press-in wheel studs
- Inner wiring system for easier installation and protection of brake wiring
- Optional hot dipped galvanized axle beam
- Optional GAL-DEX® coated cast iron hub

D20 LEAF SPRING



- Designed for light-capacity trailers
- Designed for travel trailers being towed by smaller automobiles
- High strength 1¾" diameter tube for straight axles and 2⅜" for drops
- Straight or Drop spindles (4" drop only)
- High quality alloy steel springs in a variety of capacities
- Single, tandem, or triple axle assemblies with equalized suspensions
- Slipper spring or double eye leaf spring suspension
- Optional hanger and attaching parts kits available
- Durable, wear-resistant components
- Optional stainless steel wear sleeves for grease seal journal
- Available in drop center V-bend axle beam
- 5 year limited warranty

#9 TORFLEX®



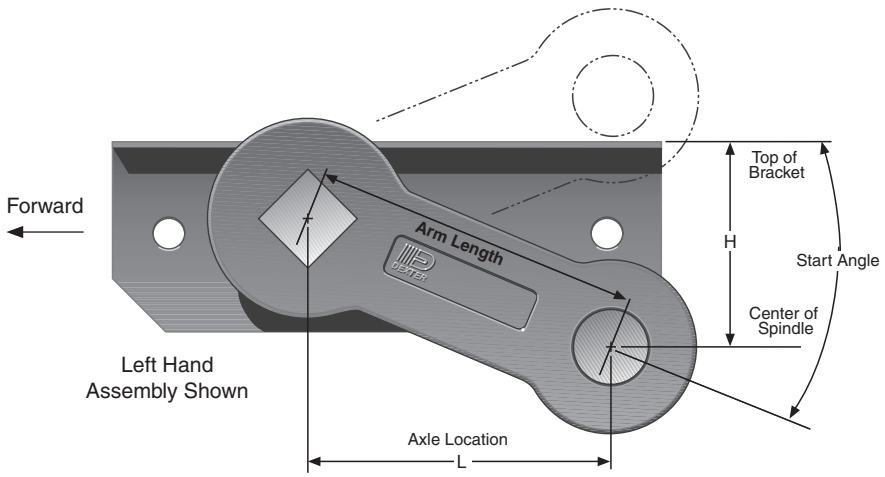
- Designed for fold-down campers, light utility, boat trailer applications
- Totally rubber-cushioned for smooth, quiet, independent ride
- Easy installation with less maintenance
- Less transfer of road shock which insulates cargo from road shocks and vibration
- Rubber cords compounded for maximum dependability and durability
- Load-carrying cross member
- Self-damping action
- Independent wheel suspension system
- 10 year limited warranty on Torflex® suspension system
- Low profile for maximum road clearance
- Various starting angles to control trailer height
- High and low profile brackets with optional mounting brackets available
- Rubber cushioning eliminates metal-to-metal contact
- Shock absorption provided by the natural hysteresis of rubber
- Single or tandem axle assemblies
- Durable, wear-resistant components
- Optional stainless steel wear sleeves for grease seal journal
- Available in drop center V-bend axle beam

CAUTION: Triple axle assemblies are NOT recommended for #9 Torflex® axles.

Torflex® Application Information

9 Articulation Dimensions

Dimensions are for top mount only. Side mount is .18" higher. Allow 3" bump clearance from full load.



		No Load		Full Load		Shock Load	
Start Angle	**Bracket Profile**	**H**	**L**	**H**	**L**	**H**	**L**
45° Down	Low	5.46	4.24	3.52	5.54	2.39	5.88
	High	6.33	4.24	4.39	5.54	3.26	5.88
32° Down	Low	4.40	5.09	2.21	5.92	1.04	6.00
	High	5.27	5.09	3.08	5.92	1.91	6.00
22.5° Down	Low	3.52	5.54	1.22	6.00	0.05	5.88
	High	4.39	5.54	2.09	6.00	.92	5.88
10° Down	Low	2.26	5.91	-0.08	5.86	-1.20	5.49
	High	3.13	5.91	0.79	5.86	-0.33	5.49
0°	Low	1.22	6.00	-1.08	5.54	-2.11	4.99
	High	2.09	6.00	-0.21	5.54	-1.24	4.99
10° Up	Low	0.18	5.91	-2.00	5.06	-2.93	4.33
	High	1.05	5.91	-1.13	5.06	-2.06	4.33
22.5° Up	Low	-1.08	5.54	-3.02	4.24	-3.77	3.33
	High	-0.21	5.54	-2.15	4.24	-2.90	3.33

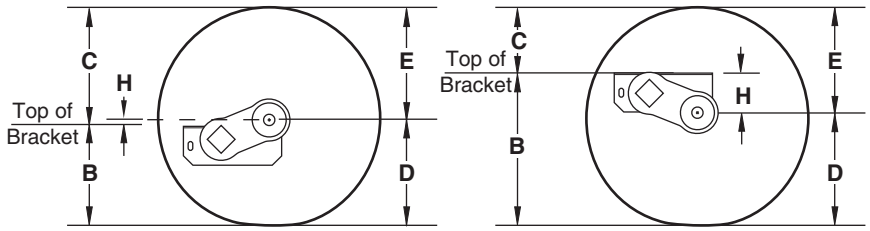
H = Height
L = Length

Note: Positive numbers in the H column indicate the spindle is BELOW the top of the bracket. Conversely, negative numbers are ABOVE the top of the bracket.

Torflex® Application Information

9 Full Load Dimensions

Dimensions are for low profile, top mount only. High profile brackets are .88" higher. Side mount is .18" higher. Allow 3" bump clearance from full load.

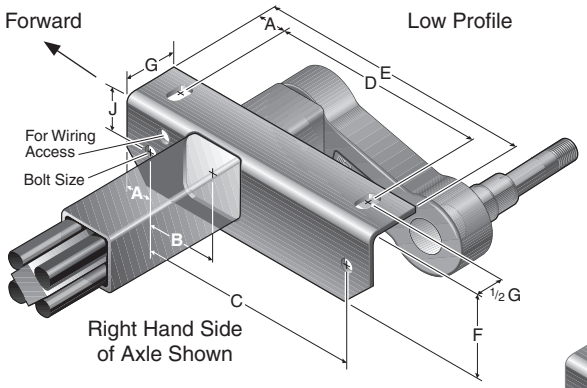


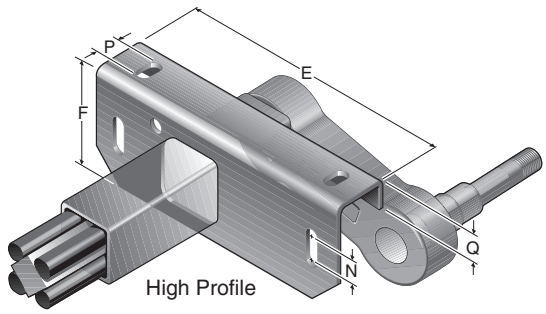
Start Angle

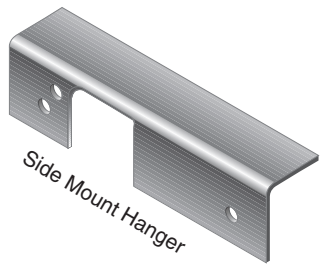
Tire	45° Down					32° Down					22.5° Down		
	D	E	H	B	C	D	E	H	B	C	H	B	C
ST175/80R13	11.2	12.0	3.5	14.7	8.5	11.2	12.0	2.2	13.4	9.8	1.2	12.4	10.8
4.80-8	7.9	8.8	3.5	11.4	5.3	7.9	8.8	2.2	10.1	6.6	1.2	9.1	7.6
4.80-12	9.5	10.8	3.5	13.0	7.3	9.5	10.8	2.2	11.7	8.6	1.2	10.7	9.6
20.5 x 8.0-10	9.7	10.8	3.5	13.2	7.3	9.7	10.8	2.2	11.9	8.6	1.2	10.9	9.6

Columns D and E are dimensional examples only:
- D – Static Loaded Radius
- E – Inflated Radius

Tire	10° Down			0°			10° Up			22.5° Up		
	H	B	C	H	B	C	H	B	C	H	B	C
ST175/80R13	-0.1	11.1	12.1	-1.1	10.1	13.1	-2.0	9.2	14.0	-3.0	8.2	15.0
4.80-8	-0.1	7.8	8.9	-1.1	6.8	9.9	-2.0	5.9	10.8	-3.0	4.9	11.8
4.80-12	-0.1	9.4	10.9	-1.1	8.4	11.9	-2.0	7.5	12.8	-3.0	6.5	13.8
20.5 x 8.0-10	-0.1	9.6	10.9	-1.1	8.6	11.9	-2.0	7.7	12.8	-3.0	6.7	13.8







#9 Bracket Dimensions

	Low	High
A	1.00	1.00
B	2.38	2.38
C	8.00	8.00
D	7.75	7.75
E	10.00	10.00
F	2.88	3.75
G	2.00	2.00
J	1.57	1.57
N	----	.86
P	.94	.94
Q	1.00	1.00
Bolt Size	½" bolt	
Tube Size	2.17	2.17

#9 Overhang Per Side

Spindle	Min.	Max.
Short	6.00"	10.90"
Standard	6.50"	10.90"

Leaf Spring Application Information

1000 - 2200 LBS. CAPACITY

Double Eye Springs

For Standard 33" Axle Spacing

Single A/P-122-00
Tandem A/P-233-00
Triple A/P-335-00

	Spring Length		
	21"	24"	26"
A	19.62	23.50	25.75
B	25.00	27.50	29.50
C	28.75	31.00	33.00
D	10.62	12.00	13.00
E	28.75	31.00	33.00

For Optional 35" Axle Spacing

Tandem A/P-264-00
Triple A/P-364-00

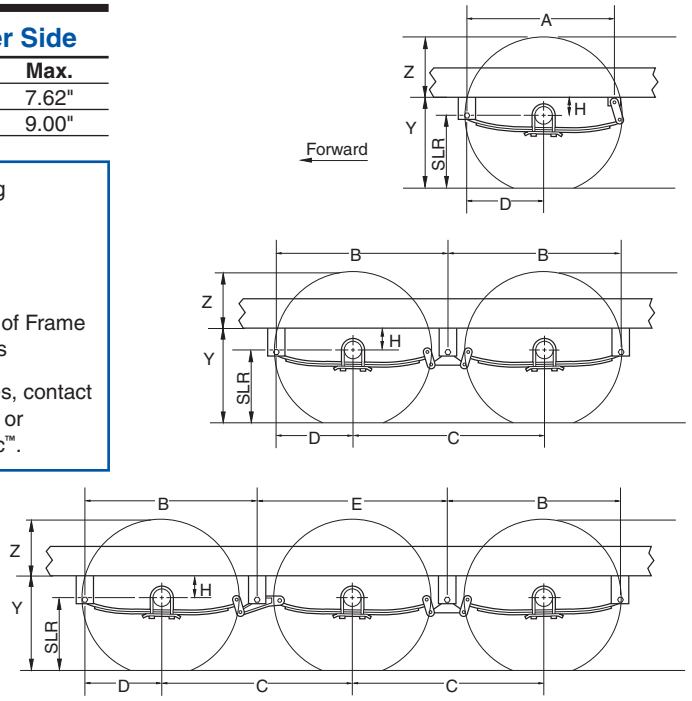
	Spring Length		
	21"	24"	26"
B	26.00	28.50	30.50
C	30.80	33.00	35.00
D	10.62	12.00	13.00
E	30.80	33.00	35.00

D20 Overhang Per Side

	Min.	Max.
Straight	5.75"	7.62"
Drop	7.62"	9.00"

A, B, E – Hanger Spacing
C – Axle Spacing
D – Axle Location
H – Center of Spindle
Y – Frame Height
Z – Top of Tire to Bottom of Frame
SLR – Static Load Radius

To determine these values, contact your local sales engineer or distributor to run ProSpec™.



Double Eye Axle Assemblies

Hanger Kits

Part No.	Description	Height	Quantity Per Kit HGR-104-00	HGR-105-00	HGR-248-00	HGR-249-00	HGR-348-00
028-005-00	Hanger	3.25"	2	----	4	2	4
028-006-00	Front Hanger	1.44"	----	2	----	----	----
029-008-00	Front Hanger	2.06"	----	----	----	4	----
029-031-00	Center Hanger	3.62"	----	----	2	----	4
030-020-00	Rear Hanger	.91"	2	2	----	----	----

Attaching Parts Kits

Part No.	Description	A/P-122-00	A/P-233-00	A/P-264-00†	A/P-335-00	A/P-364-00†
006-092-01	Flange Locknut	6	14	14	22	22
007-126-00	Shackle Bolt	2	6	6	10	10
013-104-02	Equalizer	----	2	----	2	----
013-105-02	Equalizer	----	----	----	2	----
013-122-02	Equalizer	----	----	2	----	2
013-126-02	Equalizer	----	----	----	----	2
018-011-00	Shackle Link	----	4	4	6	6
018-012-00	Shackle Link, Long	2	----	----	----	----
018-020-00	Shackle Link Assembly	----	4	4	6	6
018-021-00	Shackle Link Assembly, Long	2	----	----	----	----

† For 35" axle spacing using 26" springs

Slipper Spring Axle Assemblies

Hanger Kits

Part No.	Description	Ht.	HGR-115-00
028-039-00	Front Hanger	3.25"	2
030-037-00	Rear Hanger	1.44"	2

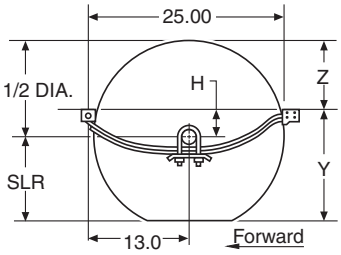
Attaching Parts Kits

Part No.	Description	A/P-115-00
006-092-01	Locknut	2
007-126-00	Shackle Bolt	2

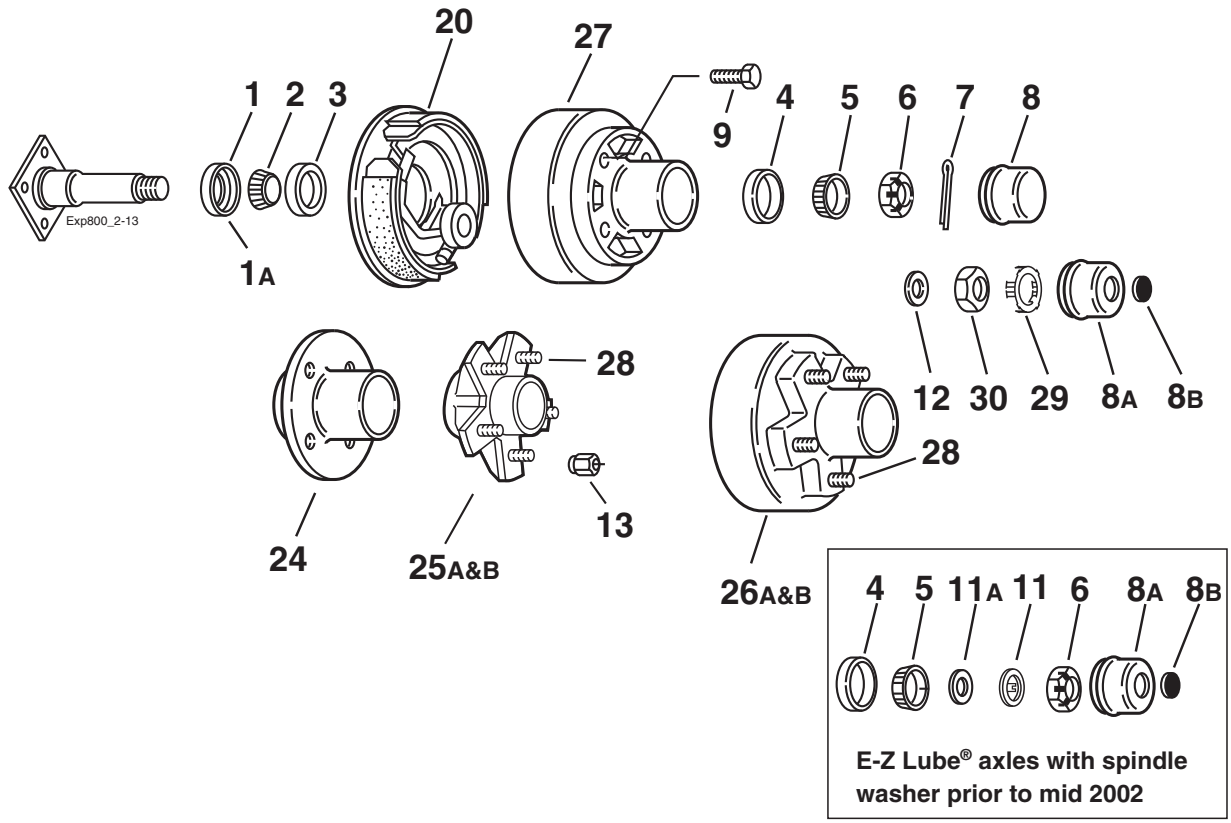
Note: Common A/P kits are available in marine grade coating.

Some combinations of hangers and spring mountings may result in insufficient bump clearance. Refer to the Miscellaneous section for additional hanger kits, A/P kits, or other tires.

Slipper Springs A/P-115-00



440 and 545 Hub Group



Grease Lube Parts

Item	Part No.	Description
1	010-009-00	Grease Seal
1A	010-060-00	Grease Seal for E-Z Lube®
2	031-031-02	L44649 Inner Bearing Cone
3	031-031-01	L44610 Inner Bearing Cup
4	031-031-01	L44610 Outer Bearing Cup
5	031-031-02	L44649 Outer Bearing Cone
6	006-176-00	Spindle Nut
7	019-002-00	Cotter Pin (not used with E-Z Lube®)
8	021-003-00	Grease Cap
8A	021-041-01	Grease Cap for E-Z Lube®
8B	085-001-00	Rubber Plug for E-Z Lube®
9	007-040-00	Wheel Bolt
11	005-101-00	Tang Washer for E-Z Lube® (before 2002)
11A	005-151-00	Spindle Washer for E-Z Lube® (before 2002)
12	005-023-00	Spindle Washer for E-Z Lube® (after 2002)
29	006-190-00	Spindle Nut Retainer for E-Z Lube® (after 2002)
30	006-191-00	Special Jam Nut for E-Z Lube® (after 2002)

Brakes

Item	Part No.	Description
20	K23-047-00/K23-048-00	LH/RH 7"x1¼" Electric
ns	K23-103-00/K23-104-00	LH/RH 7"x1¼" Electric w/park
ns	K23-398-00/K23-399-00	LH/RH 7"x1¾" Hydraulic Uni-servo

ns - not shown

Note: Spindle is not available for resale.

Hubs

Item	Part No.	Description	Bolt Circle
Hubs and Drums			
ns	008-173-16	½" Studs, elec. brakes ONLY	4 on 4.00
ns	008-276-05	½" Studs, hyd. brakes ONLY	4 on 4.00
26A	008-257-05	½" Studs, elec. brakes ONLY	5 on 4.50
26B	008-271-07	½" Studs, hyd. brakes ONLY	5 on 4.50
27	008-173-15	½" Tapped, elec. brakes ONLY	4 on 4.00
ns	008-257-04	½" Tapped, elec. brakes ONLY	5 on 4.50
ns	008-271-04	½" Tapped, hyd. brakes ONLY	5 on 4.50
Plain Hubs			
ns	008-091-05	½" Studs	4 on 4.00
24	008-091-04	½" Tapped	4 on 4.00
25A	008-259-05	½" Studs, 8"-12" wheels ONLY	5 on 4.50
	008-259-50	½" Studs, 8"-12" wheels ONLY GAL-DEX® coated	5 on 4.50
25B	008-258-05	½" Studs, 13"-15" wheels ONLY	5 on 4.50
	008-258-50	½" Studs, 13"-15" wheels ONLY GAL-DEX® coated	5 on 4.50
ns	008-259-04	½" Tapped, 8"-12" wheels ONLY	5 on 4.50
ns	008-258-04	½" Tapped, 13"-15" wheels ONLY	5 on 4.50

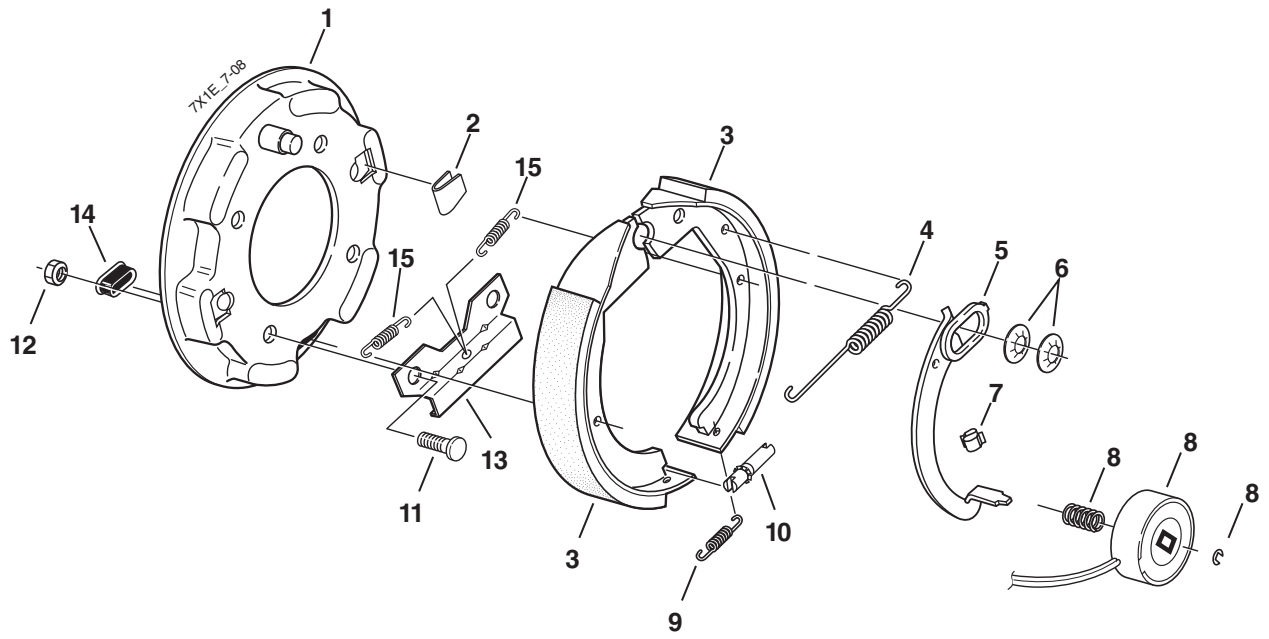
Studs & Wheel Nuts

Item	Part No.	Description
9	007-040-00	½-20 Wheel Bolt
13	006-080-00	½-20 60° Cone Nut
28	007-246-00	½-20 Press-in Stud

7" x 1¼" Electric Brake

1000 - 2200 LBS. CAPACITY

CSA approved at 2000#/11.3 SLR; 2200#/10.2 SLR



Electric Brake

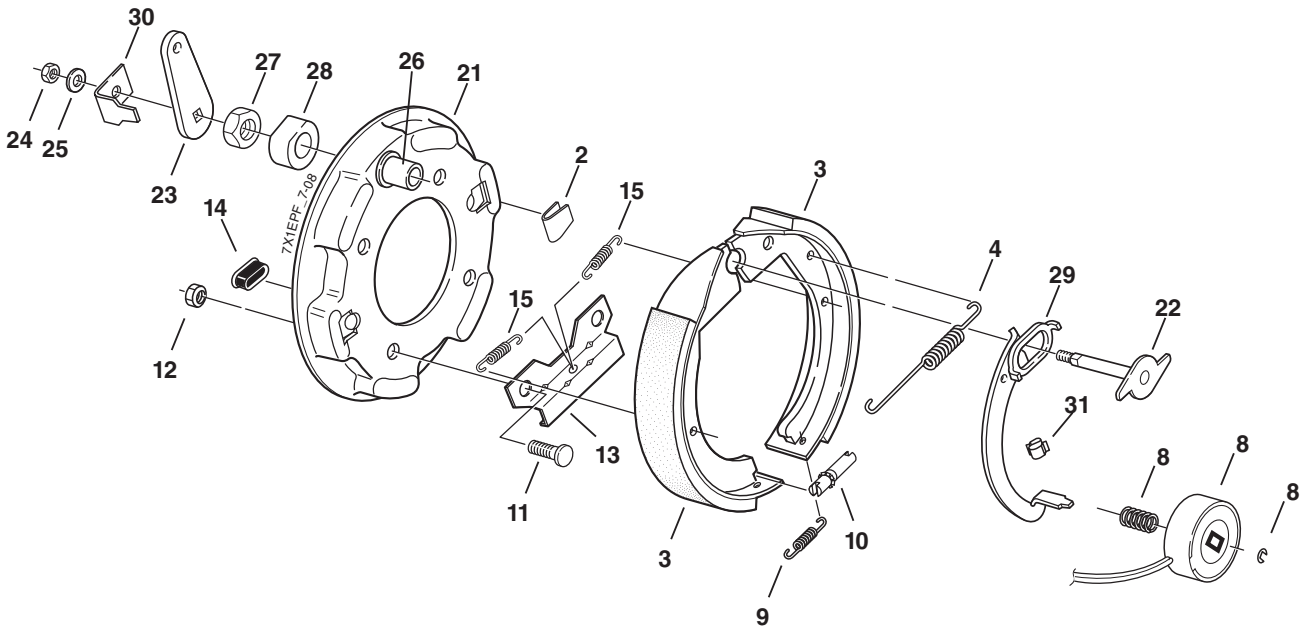
Item	Part No.	Qty/Brk	Description
0	K23-047-00	1	LH Complete Brake Assembly (shown)
0	K23-048-00	1	RH Complete Brake Assembly
1	036-036-04	1	Backing Plate Assembly (includes items #11, 13)
2	046-023-00	2	Shoe Hold Down Clip
3	K71-045-00	1	Shoe & Lining Kit Contains: 1 #040-125-00 Primary Shoe & Lining 2 #040-049-00 Secondary Shoe & Lining
4	046-024-00	1	Retractor spring
5	047-114-03	1	LH Actuating Lever Arm
5	047-115-03	1	RH Actuating Lever Arm
6	046-030-00	2	Anchor Post Clip
7	027-005-00	1	Wire Clip
For brakes manufactured after 4/1/90			
8	K71-057-00	1	Magnet Kit Contains: 1 #042-134-00 Magnet 1 #046-121-00 Magnet Clip 1 #046-086-00 Magnet Spring
9	046-022-00	1	Adjusting Screw Spring
10	043-021-00	1	Adjusting Screw
11	007-041-00	4	Brake Mounting Bolt - Press-in
*12	006-017-00	4	Brake Mounting Nut
13	064-001-00	1	Stabilizer Bracket
14	046-007-00	1	Adjuster Slot Plug
For brakes manufactured after 8/1/91			
15	046-114-00	2	Shoe Centering Spring

* Not included with complete brake assembly. Item sold separately.

This brake is rated to a maximum capacity of 2200 lbs. / pair

7" x 1¼" Electric Brake With Parking Feature

CSA approved at 2000#/11.3 SLR; 2200#/10.2 SLR



Electric Parking Brake

Item	Part No.	Qty/Brk	Description
0	K23-103-00	1	LH Complete Brake Assembly (shown)
0	K23-104-00	1	RH Complete Brake Assembly
2	046-023-00	2	Shoe Hold Down Clip
3	K71-045-00	1	Shoe & Lining Kit Contains: 1 #040-125-00 Primary Shoe & Lining 2 #040-049-00 Secondary Shoe & Lining
4	046-024-00	1	Retractor spring
For brakes manufactured after 4/1/90			
8	K71-057-00	1	Magnet Kit Contains: 1 #042-134-00 Magnet 1 #046-121-00 Magnet Clip 1 #046-086-00 Magnet Spring
9	046-022-00	1	Adjusting Screw Spring
10	043-021-00	1	Adjusting Screw
11	007-041-00	4	Brake Mounting Bolt - Press-in
*12	006-017-00	4	Brake Mounting Nut
13	064-001-00	1	Stabilizer Bracket
14	046-007-00	1	Adjuster Slot Plug
For brakes manufactured after 8/1/91			
15	046-114-00	2	Shoe Centering Spring

* Not included with complete brake assembly. Item sold separately.

Electric Parking Brake

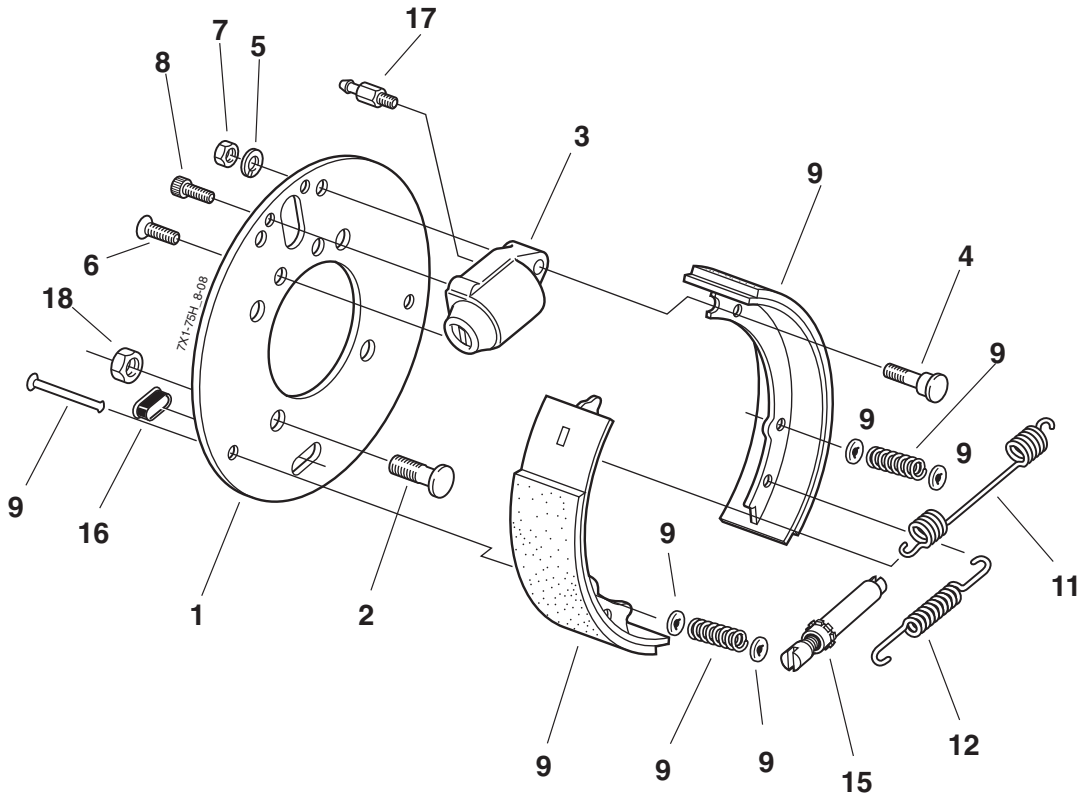
Item	Part No.	Qty/Brk	Description
21	036-036-07	1	LH Backing Plate & Lever Arm (includes items #22-30, 2, 11, 13)
21	036-036-08	1	RH Backing Plate & Lever Arm (includes items #22-30, 2, 11, 13)
22	039-041-00	1	LH Pivot Pin & Cam Sub-Assembly
22	039-042-00	1	RH Pivot Pin & Cam Sub-Assembly
23	047-079-00	1	Lever
24	006-075-00	1	Self Locking Nut
25	005-056-00	1	Washer
26	038-057-00	1	Anchor Pin
27	006-074-00	1	Self Locking Nut
28	071-031-00	1	Spacer
29	047-114-02	1	LH Lever Arm & Cam Assembly
29	047-115-02	1	RH Lever Arm & Cam Assembly
30	071-033-00	1	Lever Stop
31	027-005-00	1	Wire Clip

This brake is rated to a maximum capacity of 2200 lbs. / pair

7" x 1¾" Hydraulic Brake

1000 - 2200 LBS. CAPACITY

CSA approved at 2500#/11.2 SLR



Hydraulic Brake

Item	Part No.	Qty/Brk	Description
0	K23-398-00	1	LH Complete Brake Assembly (shown)
0	K23-399-00	1	RH Complete Brake Assembly
1	036-038-00	1	Backing Plate
2	007-041-00	4	Brake Mounting Bolt - Press-in
3	054-080-03	1	Wheel Cylinder Assembly - LH (includes item #17)
3	054-080-04	1	Wheel Cylinder Assembly - RH (includes item #17)
4	038-072-00	1	Anchor Post
5	005-004-00	1	Lock Washer
6	007-235-00	1	Counter Sunk Cap Screw
7	006-010-00	1	Hex Nut
8	007-234-00	1	Socket Head Cap Screw
9	K71-466-00	1	Shoe & Lining Kit Contains: 1 #040-327-01 Primary Shoe & Lining 1 #040-328-01 Secondary Shoe & Lining 2 #046-006-00 Shoe Hold Down Spring 4 #035-001-00 Shoe Hold Down Spring Cup 2 #049-014-00 Shoe Hold Down Pin
11	046-126-00	1	Retractor spring
12	046-127-00	1	Adjusting Screw Spring
15	043-004-00	1	Adjuster Screw Assembly
16	046-007-00	1	Adjuster Slot Plug
17	054-084-00	1	Bleeder Screw 6mm Thread (brakes before 1/97)
17	054-088-00	1	Bleeder Screw 7mm Thread (brakes after 1/97)
*18	006-017-00	4	Brake Mounting Nut

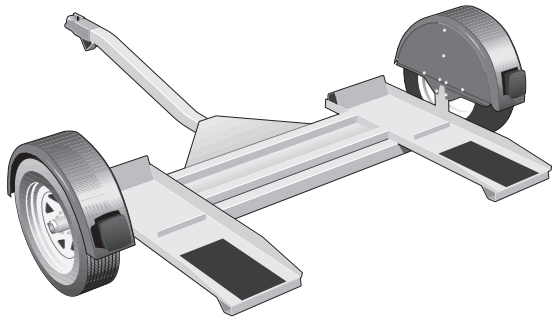
* Not included with complete brake assembly. Item sold separately.

This brake is rated to a maximum capacity of 2500 lbs. / pair

General Applications







Axle Types

2300-4000 Lbs. Capacity

- Complete service manual
- Precision machined steel spindles and integral cast iron hub/drums
- Press-in wheel studs
- 10" x 1½" and 10" x 2¼" CSA approved electric brakes, CSA approved uni-servo and free backing hydraulic brakes
- Electric and hydraulic brakes are available with and without parking feature
- Hydraulic free backing brakes available
- Hydraulic disc brakes available
- Standard grease lubrication; E-Z Lube® option
- Inner wiring system for easier installation and protection of brake wiring
- Optional hot dipped galvanized axle beam
- Optional GAL-DEX® coated cast iron hub

10 10F 10L TORFLEX®

- Totally rubber-cushioned for smooth, quiet, independent ride
- Easy installation with less maintenance
- Less transfer of road shock which insulates cargo from road shocks and vibration
- Rubber cords compounded for maximum dependability and durability
- Load-carrying cross member
- Self-damping action
- Independent wheel suspension system
- 10 year limited warranty on Torflex® suspension system
- Low profile for maximum road clearance
- Various starting angles to control trailer height
- High and low profile brackets with optional mounting brackets available
- Rubber cushioning eliminates metal-to-metal contact
- Shock absorption provided by the natural hysteresis of rubber
- Single or tandem axle assemblies
- Durable, wear-resistant components
- Optional stainless steel wear sleeves for grease seal journal
- Available in drop center V-bend axle beam

D30 & D35 LEAF SPRING



- Straight or Drop spindles (3") D30
- Straight or Drop spindles (4" and 6" drop) D35
- High strength 2⅜" diameter tube
- High quality alloy steel springs in a variety of capacities
- Single, tandem, or triple axle assemblies with equalized suspensions
- Slipper spring or double eye leaf spring suspension
- Optional hanger and attaching parts kits available
- Durable, wear-resistant components
- Optional stainless steel wear sleeves for grease seal journal
- Available in drop center V-bend axle beam
- 5 year limited warranty



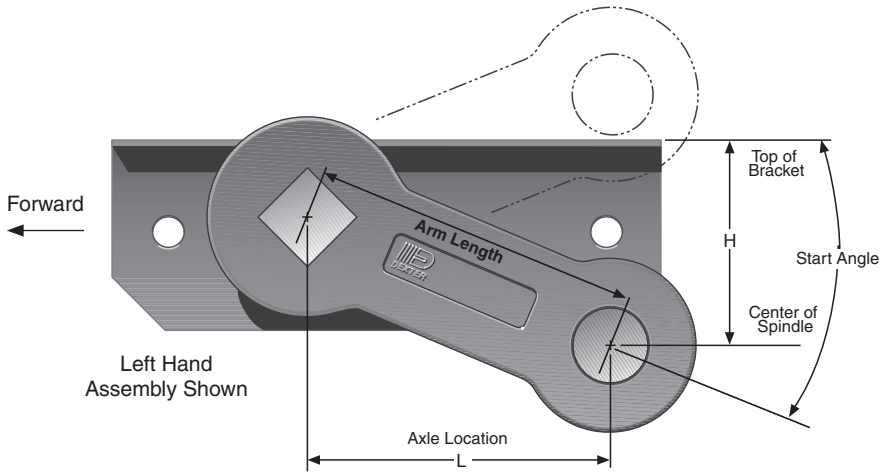
CAUTION: Triple axle assemblies are NOT recommended for #10, #10F and #10L Torflex® axles.

Torflex® Application Information

10 10F 10L

Articulation Dimensions

Dimensions are for top mount only. Side mount is .18" higher. Allow 3" bump clearance from full load.



		No Load		Full Load		Shock Load	
Start Angle	**Bracket Profile**	**H**	**L**	**H**	**L**	**H**	**L**
45° Down	Low	5.73	4.24	3.79	5.54	2.66	5.88
	High	6.55	4.24	4.61	5.54	3.48	5.88
32° Down	Low	4.67	5.09	2.48	5.92	1.31	6.00
	High	5.49	5.09	3.30	5.92	2.13	6.00
22.5° Down	Low	3.79	5.54	1.49	6.00	0.32	5.88
	High	4.61	5.54	2.31	6.00	1.14	5.88
10° Down	Low	2.53	5.91	0.19	5.86	-0.93	5.49
	High	3.35	5.91	1.01	5.86	-0.11	5.49
0°	Low	1.49	6.00	-0.81	5.54	-1.84	4.99
	High	2.31	6.00	0.01	5.54	-1.02	4.99
10° Up	Low	0.45	5.91	-1.73	5.06	-2.66	4.33
	High	1.27	5.91	-0.91	5.06	-1.84	4.33
22.5° Up	Low	-0.81	5.54	-2.75	4.24	-3.50	3.33
	High	0.01	5.54	-1.93	4.24	-2.68	3.33

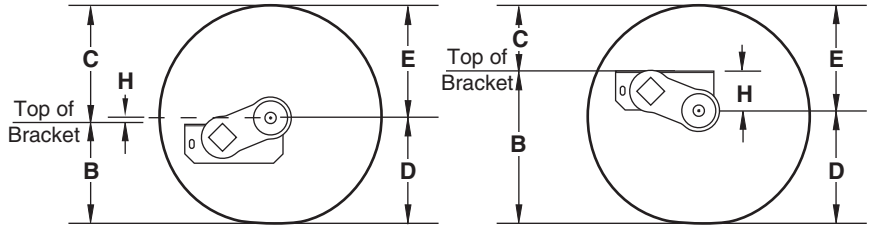
H = Height
L = Length

Note: Positive numbers in the H column indicate the spindle is BELOW the top of the bracket. Conversely, negative numbers are ABOVE the top of the bracket.

Torflex® Application Information

Full Load Dimensions

Dimensions are for low profile, top mount only. High profile brackets are .82" higher. Side mount is .18" higher. Allow 3" bump clearance from full load.

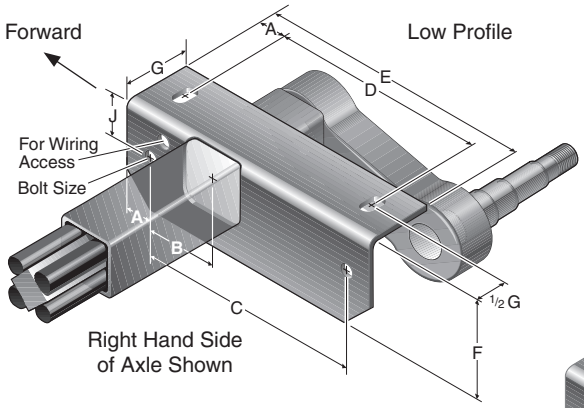


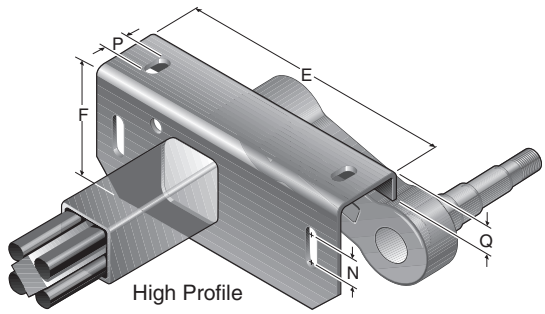
Start Angle

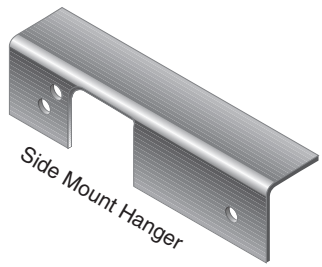
Tire	45° Down					32° Down					22.5° Down		
	D	E	H	B	C	D	E	H	B	C	H	B	C
ST175/80R13	11.2	12.0	3.8	15.0	8.2	11.2	12.0	2.5	13.7	9.5	1.5	12.7	10.5
ST205/75R14	12.1	13.1	3.8	15.9	9.3	12.1	13.1	2.5	14.6	10.6	1.5	13.6	11.6
ST225/75R15	13.0	14.4	3.8	16.8	10.6	13.0	14.4	2.5	15.5	11.9	1.5	14.5	12.9

Columns D and E are dimensional examples only:
D – Static Loaded Radius
E – Inflated Radius

Tire	10° Down			0°			10° Up			22.5° Up		
	H	B	C	H	B	C	H	B	C	H	B	C
ST175/80R13	0.2	11.4	11.8	-0.8	10.4	12.8	-1.7	9.5	13.7	-2.8	8.4	14.8
ST205/75R14	0.2	12.3	12.9	-0.8	11.3	13.9	-1.7	10.4	14.8	-2.8	9.3	15.9
ST225/75R15	0.2	13.2	14.2	-0.8	12.2	15.2	-1.7	11.3	16.1	-2.8	10.2	17.2







#10 Bracket Dimensions

	Low	High
A	1.00	1.00
B	2.50	2.50
C	8.00	8.00
D	8.00	8.00
E	10.00	10.00
F	3.43	4.25
G	2.50	2.50
J	1.62	1.62
N	----	1.03
P	----	1.00
Q	----	1.00
Bolt Size	5⁄8" bolt	
Tube Size	2.62	2.62

Overhang Per Side

Spindle	Min.	Max.	Max. Capacity
#10 Standard w/Drum	6.30"	11.80"	3500
#10 w/Disc Brake	6.56"	11.80"	3500
#10F w/Drum	6.30"	10.50"	4000
#10L w/Drum	5.88"	13.76"	3000

Leaf Spring Application Information

Double Eye Springs

For Standard 33" Axle Spacing
Single A/P-122-00
Tandem A/P-233-00
Triple A/P-335-00

	Spring Length		
	21"	24"	26"
A	19.62	23.50	25.75
B	25.00	27.50	29.50
C	28.75	31.00	33.00
D	10.62	12.00	13.00
E	28.75	31.00	33.00

For Optional 35" Axle Spacing
Tandem A/P-264-00
Triple A/P-364-00

	Spring Length		
	21"	24"	26"
B	26.00	28.50	30.50
C	30.80	33.00	35.00
D	10.62	12.00	13.00
E	30.80	33.00	35.00

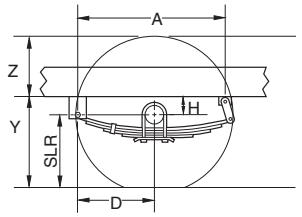
D35 Overhang Per Side

	Min.	Disc*	Max.
Straight	5.62"	7.5"	9.00"
4" Drop	7.00"	7.5"	9.00"
6" Drop	7.87"	7.87"	9.00"
3" Dia. Straight	5.62"	7.5"	11.50"
3" Dia. Drop	7.00"	7.5"	11.50"

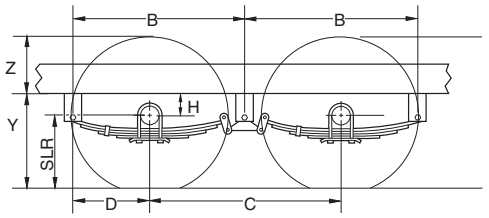
* Minimum overhang with disc brakes

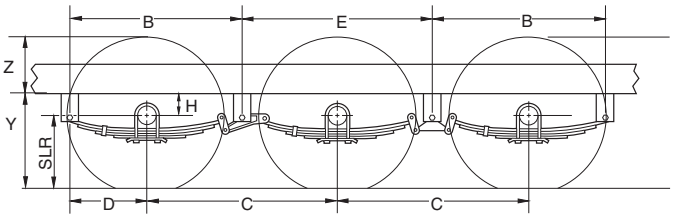
D30 Overhang Per Side

	Min.	Max.
Straight	5.63"	9.00"
3" Drop	7.00"	9.00"



Forward





Double Eye Axle Assemblies

Hanger Kits

Part No.	Description	Height	Quantity Per Kit HGR-104-00	HGR-105-00	HGR-248-00	HGR-249-00	HGR-348-00
028-005-00	Hanger	3.25"	2	----	4	2	4
028-006-00	Front Hanger	1.44"	----	2	----	----	----
029-008-00	Front Hanger	2.06"	----	----	----	4	----
029-031-00	Center Hanger	3.62"	----	----	2	----	4
030-020-00	Rear Hanger	.91"	2	2	----	----	----

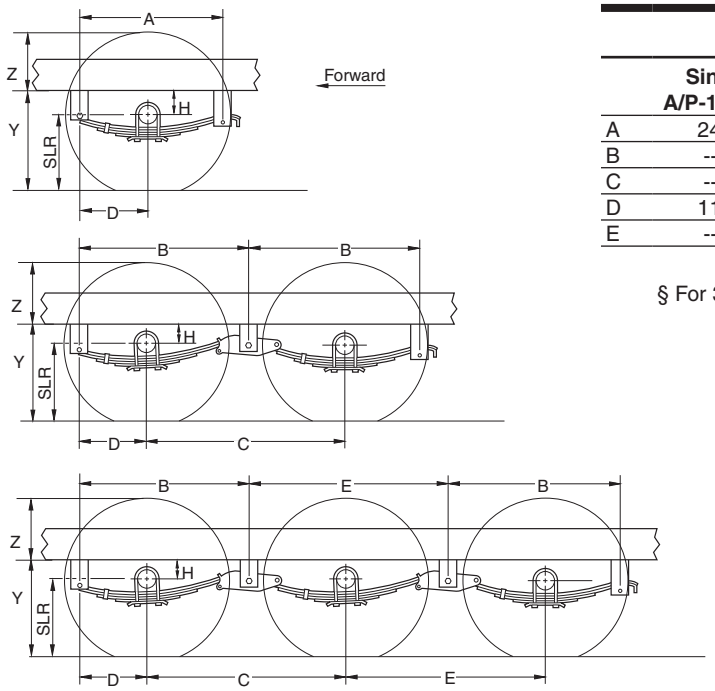
Attaching Parts Kits

Part No.	Description	A/P-122-00	A/P-233-00	A/P-264-00†	A/P-335-00	A/P-364-00†
006-092-01	Flange Locknut	6	14	14	22	22
007-126-00	Shackle Bolt	2	6	6	10	10
013-104-02	Equalizer	----	2	----	2	----
013-105-02	Equalizer	----	----	----	2	----
013-122-02	Equalizer	----	----	2	----	2
013-126-02	Equalizer	----	----	----	----	2
018-011-00	Shackle Link	----	4	4	6	6
018-012-00	Shackle Link, Long	2	----	----	----	----
018-020-00	Shackle Link Assembly	----	4	4	6	6
018-021-00	Shackle Link Assembly, Long	2	----	----	----	----

† For 35" axle spacing using 26" springs

Note: Common A/P kits are available in marine grade coating.

Leaf Spring Application Information



Slipper Springs

	Single	Tandem		Triple	
	A/P-103-00	A/P-202-00§	A/P-216-00‡	A/P-302-00§	A/P-316-00‡
A	24.0	----	----	----	----
B	----	28.8	30.4	28.8	30.4
C	----	33.5	36.0	33.5	36.0
D	11.5	11.5	11.5	11.5	11.5
E	----	----	----	33.0	35.0

Note: All 2" wide slipper springs
§ For 33.5" axle spacing ‡ For 36" axle spacing

A, B, E – Hanger Spacing
C – Axle Spacing
D – Axle Location
H – Center of Spindle
Y – Frame Height
Z – Top of Tire to Bottom of Frame
SLR – Static Load Radius

To determine these values, contact your local sales engineer or distributor to run ProSpec™.

Slipper Spring Axle Assemblies

Hanger Kits

Part No.	Description	Height	Quantity Per Kit HGR-110-00	HGR-202-00	HGR-302-00
028-001-00	Front Hanger	4.25"	2	2	2
029-001-00	Center Hanger	3.50"	----	2	4
030-028-00	Rear Hanger	4.00"	2	2	2

Attaching Parts Kits

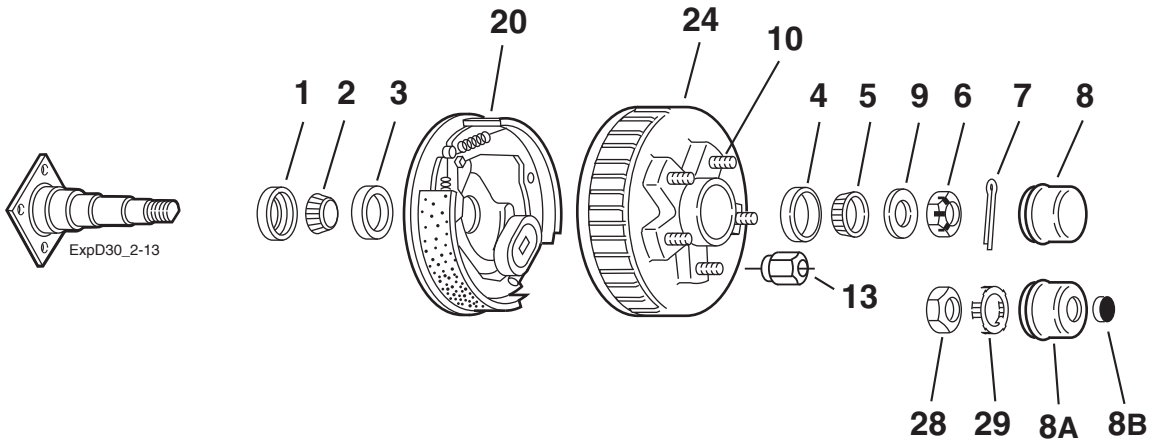
Part No.	Description	A/P-103-00	A/P-202-00§	A/P-216-00‡	A/P-302-00§	A/P-316-00‡
006-007-01	9/16-18 Locknut	2	4	4	6	6
006-011-00	Keeper Nut	2	4	4	6	6
006-111-00	Equalizer Nut	----	2	2	4	4
007-001-01	Equalizer Bolt	----	2	2	4	4
007-007-00	Keeper Bolt	2	4	4	6	6
007-017-00	Spring Eye Bolt	2	4	4	6	6
013-004-00	Equalizer	----	2	----	4	----
013-044-01	Equalizer	----	----	2	----	4

§ For 33.5" axle spacing
‡ For 36" axle spacing

Note: Common A/P kits are available in marine grade coating.

Some combinations of hangers and spring mountings may result in insufficient bump clearance. Refer to the Miscellaneous section for additional hanger kits, A/P kits, or other tires.

D30, #10L 545 Hub Group



Grease Lube Parts

Item	Part No.	Description
1	010-019-00	Grease Seal for E-Z Lube®
2	031-032-02	LM67048 Inner Bearing Cone
3	031-032-01	LM67010 Inner Bearing Cup
4	031-031-01	L44610 Outer Bearing Cup
5	031-031-02	L44649 Outer Bearing Cone
6	006-176-00	Spindle Nut
7	019-002-00	Cotter Pin
8	021-003-00	Grease Cap
8A	021-041-01	Grease Cap for E-Z Lube®
8B	085-001-00	Rubber Plug for E-Z Lube®
9	005-023-00	Spindle Washer
28	006-191-00	Special Jam Nut for E-Z Lube® (after 2002)
29	006-190-00	Spindle Nut Retainer for E-Z Lube® (after 2002)

10" x 1½" Brakes

Item	Part No.	Description
20	K23-472-00/K23-473-00	LH/RH Electric
20	K23-476-00/K23-477-00	LH/RH Nev-R-Adjust®

Note: Spindle is not available for resale.

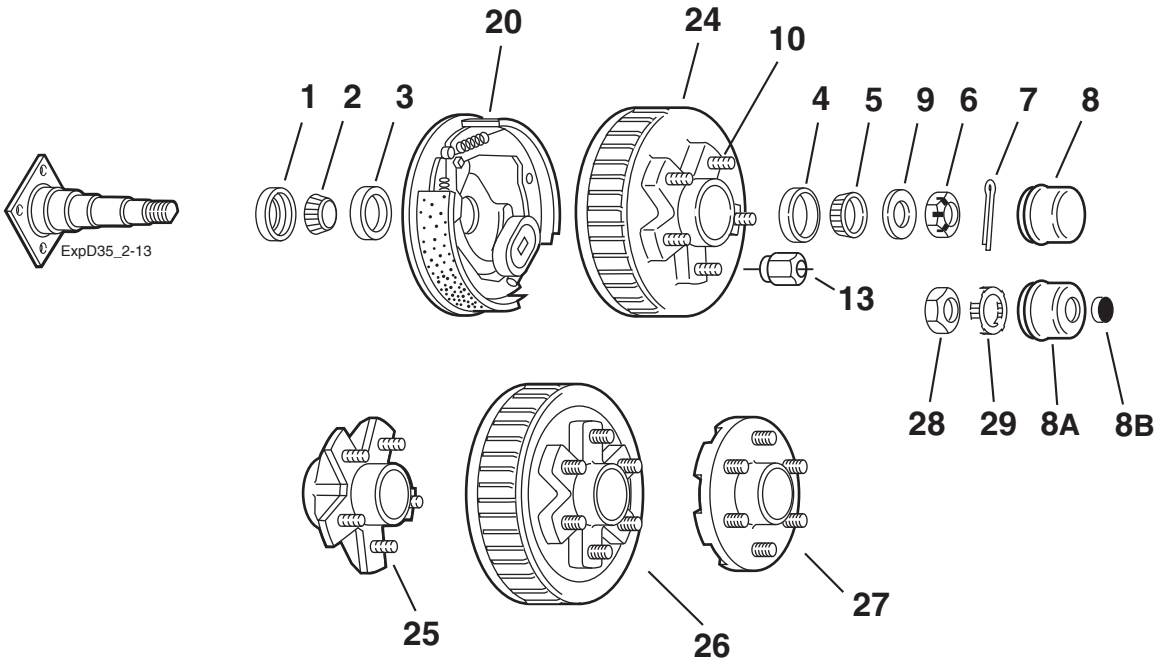
Hubs

Item	Part No.	Description	Bolt Circle
Hubs and Drums			
24	008-418-02	½" Stud	5 on 4.50

Studs & Wheel Nuts

Item	Part No.	Description
10	007-185-00	½-20 Pressed Wheel Stud
13	006-080-00	½-20 60° Cone Nut

D35, #10 545 and Other Hub Group



Grease Lube Parts

Item	Part No.	Description
1	010-019-00	Grease Seal for E-Z Lube®
2	031-033-02	L68149 Inner Bearing Cone
3	031-033-01	L68111 Inner Bearing Cup
4	031-031-01	L44610 Outer Bearing Cup
5	031-031-02	L44649 Outer Bearing Cone
6	006-176-00	Spindle Nut
7	019-002-00	Cotter Pin
8	021-003-00	Grease Cap
8A	021-041-01	Grease Cap for E-Z Lube®
8B	085-001-00	Rubber Plug for E-Z Lube®
9	005-023-00	Spindle Washer
28	006-191-00	Special Jam Nut for E-Z Lube® (after 2002)
29	006-190-00	Spindle Nut Retainer for E-Z Lube® (after 2002)

10" x 2¼" Brakes

Item	Part No.	Description
ns	K23-468-00/K23-469-00	LH/RH Electric Nev-R-Adjust®
20	K23-026-00/K23-027-00	LH/RH Electric
ns	K23-086-00/K23-087-00	LH/RH Electric w/park
ns	K23-312-00/K23-313-00	LH/RH Hydraulic Uni-servo
ns	K23-330-00/K23-331-00	LH/RH Hydraulic Uni-servo w/park
ns	K23-310-00/K23-311-00	LH/RH Hydraulic Duo-servo
ns	K23-400-00/K23-401-00	LH/RH Hydraulic Duo-servo w/park
ns	K23-344-00/K23-345-00	LH/RH Hydraulic Free Backing
ns	K23-344-01/K23-345-01	LH/RH Hydraulic FB Corrosion Resistant

ns - not shown

Note: Spindle is not available for resale.

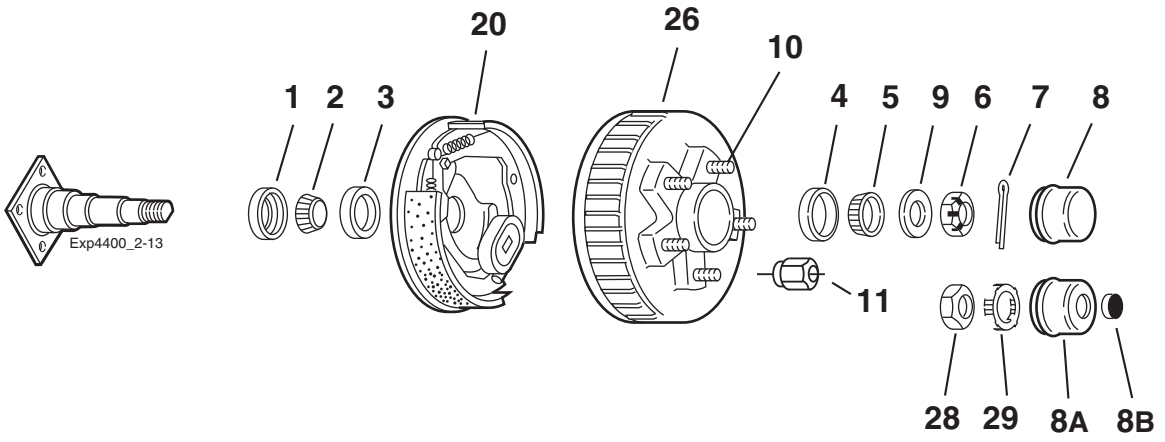
Hubs

Item	Part No.	Description	Bolt Circle
Hubs and Drums			
24	008-247-05	½" Stud	5 on 4.50
24	008-247-50	½" Stud GAL-DEX® coated	5 on 4.50
24	008-249-07	½" Stud	5 on 5.00
24	008-249-05	½" Stud	5 on 5.50
24	008-247-12	½" Stud	5 on 4.75
26	008-250-05	½" Stud	6 on 5.50
Plain Hubs			
25	008-248-05	½" Stud	5 on 4.50
25	008-248-50	½" Stud GAL-DEX® coated	5 on 4.50
25	008-248-10	½" Stud	5 on 4.75
25	008-256-07	½" Stud	5 on 5.00
25	008-256-05	½" Stud	5 on 5.50
27	008-251-05	½" Stud	6 on 5.50

Studs & Wheel Nuts

Item	Part No.	Description
10	007-122-00	½-20 Pressed Wheel Stud
13	006-080-00	½-20 60° Cone Nut

D40, #10F 545 Hub Group



Grease Lube Parts

Item	Part No.	Description
1	010-019-00	Grease Seal for E-Z Lube®
2	031-033-02	L68149 Inner Bearing Cone
3	031-033-01	L68111 Inner Bearing Cup
4	031-031-01	L44610 Outer Bearing Cup
5	031-031-02	L44649 Outer Bearing Cone
6	006-176-00	Spindle Nut
7	019-002-00	Cotter Pin (not used with E-Z Lube®)
8	021-003-00	Grease Cap
8A	021-041-01	Grease Cap for E-Z Lube®
8B	085-001-00	Rubber Plug for E-Z Lube®
9	005-023-00	Spindle Washer
28	006-191-00	Special Jam Nut for E-Z Lube® (after 2002)
29	006-190-00	Spindle Nut Retainer for E-Z Lube® (after 2002)

10" x 2¼" Brakes

Item	Part No.	Description
20	K23-462-00	LH Electric
20	K23-463-00	RH Electric
ns	K23-478-00	LH Electric Nev-R-Adjust®
ns	K23-479-00	RH Electric Nev-R-Adjust®

ns - not shown

Note: Spindle is not available for resale.

Hubs

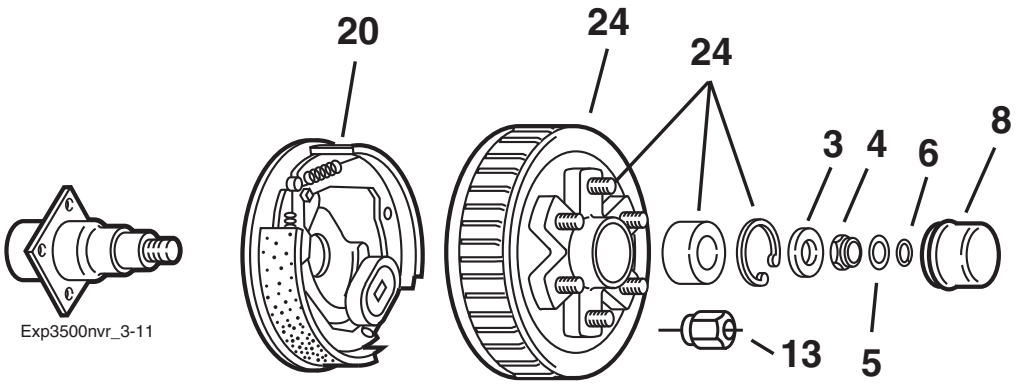
Item	Part No.	Description	Bolt Circle
Hubs and Drums			
26	008-426-05	½" Stud	5 on 4.50

Studs & Wheel Nuts

Item	Part No.	Description
10	007-122-00	½-20 Pressed Wheel Stud
11	006-080-00	½-20 60° Cone Nut

655 Nev-R-Lube® Hub Group

Service Parts Only



Exp3500nvr_3-11

Nev-R-Lube® Parts 35MM

Item	Part No.	Description
3	005-150-00	Spindle Washer
4	006-183-00	Spindle Nut
5	092-002-00	Washer, Torque Label
6	069-096-00	Snap Ring
8	021-084-00*	Grease Cap

10" x 2¼" Brakes

Item	Part No.	Description
ns	K23-468-00/K23-469-00	LH/RH Electric Nev-R-Adjust®
20	K23-026-00/K23-027-00	LH/RH Electric
ns	K23-086-00/K23-087-00	LH/RH Electric w/park
ns	K23-312-00/K23-313-00	LH/RH Hydraulic Uni-servo
ns	K23-330-00/K23-331-00	LH/RH Hydraulic Uni-servo w/park
ns	K23-310-00/K23-311-00	LH/RH Hydraulic Duo-servo
ns	K23-400-00/K23-401-00	LH/RH Hydraulic Duo-servo w/park
ns	K23-344-00/K23-345-00	LH/RH Hydraulic Free Backing
ns	K23-344-01/K23-345-01	LH/RH Hydraulic FB Corrosion Resistant

ns - not shown

Note: Spindle is not available for resale.

Hubs With Bearing & Wheel Studs

Item	Part No.	Description	Bolt Circle
24	008-386-80*	Hub and Drum includes: 007-185-00 ½-20 Press-in Stud 031-072-03* 35mm Cartridge Bearing 069-094-00* Bearing Retainer	6 on 5.50

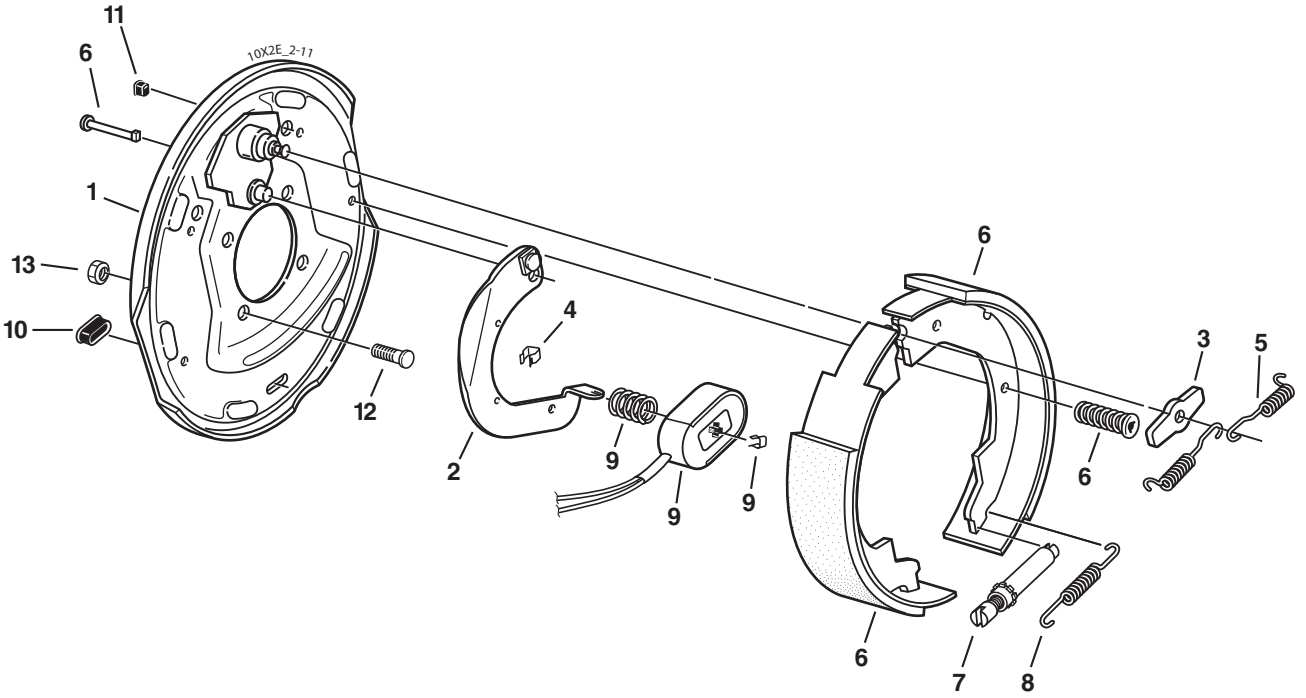
Wheel Nuts

Item	Part No.	Description
13	006-080-00	½-20 60° Cone Nut

* Available for service parts only.

D30, #10L 10" x 1½" Electric Brake

CSA approved at 3000#/13.1 SLR



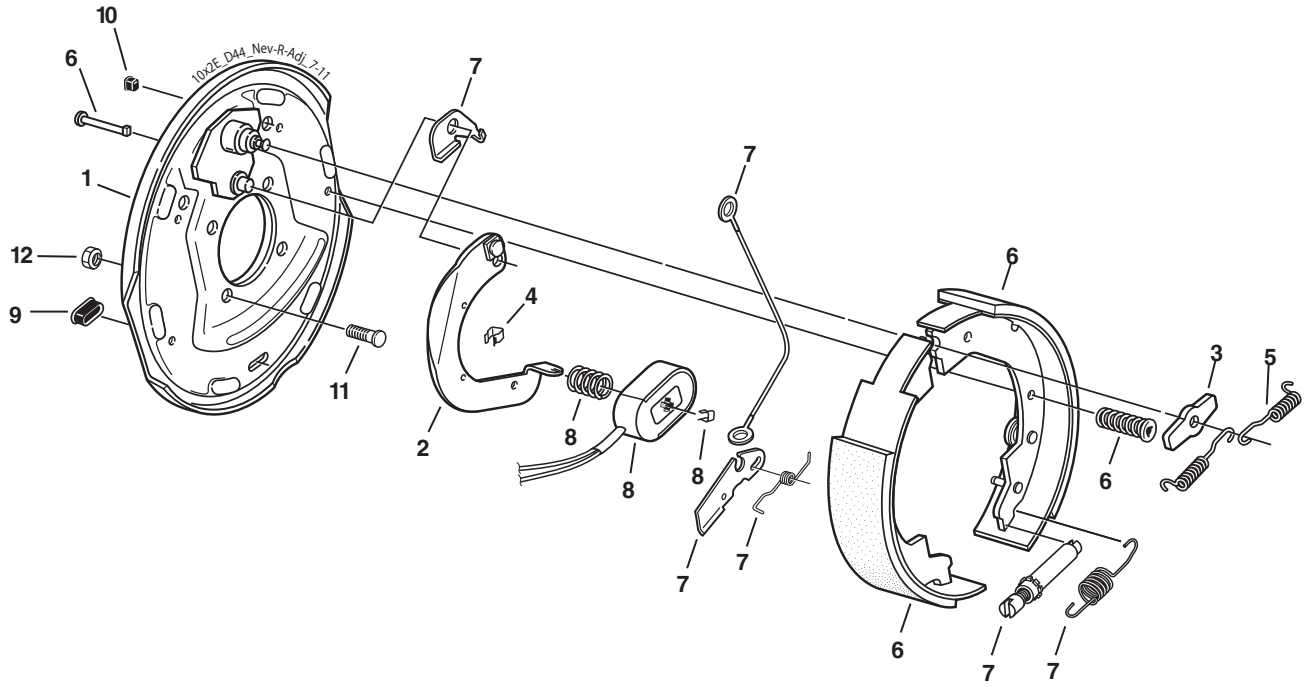
Electric Brake

Item	Part No.	Qty/Brk	Description
0	K23-472-00	1	LH Complete Brake Assembly (shown)
0	K23-473-00	1	RH Complete Brake Assembly
1	036-134-03	1	Backing Plate Assembly
2	047-019-05	1	LH Actuating Lever Arm
2	047-020-05	1	RH Actuating Lever Arm
3	005-067-00	1	Washer
4	027-005-00	2	Wire Clip
5	046-009-00	2	Retractor Spring
6	K71-046-00	1	Shoe & Lining Kit Contains: 2 #035-001-00 Shoe Hold Down Cup 1 #040-129-00 Primary Shoe & Lining 1 #040-130-00 Secondary Shoe & Lining 2 #046-006-00 Shoe Hold Down Spring 2 #049-009-00 Shoe Hold Down Pin *T*
7	043-004-00	1	Adjuster Assembly
8	046-018-00	1	Adjusting Screw Spring
9	K71-104-00	1	Magnet Kit Contains: 1 #042-140-00 Magnet (green wire) 1 #027-009-00 Magnet Clip 1 #046-080-00 Magnet Spring (before 7/16) 1 #046-175-00 Magnet Spring (after 7/16)
10	046-007-00	2	Adjuster Slot Plug
11	046-016-00	1	Wire Grommet
12	007-041-00	4	Brake Mounting Bolt - Press-in
*13	006-017-00	4	Brake Mounting Nut

* Not included with complete brake assembly. Item sold separately.

D30, #10L 10" x 1½" Nev-R-Adjust® Electric Brake

CSA approved at 3000#/13.1 SLR



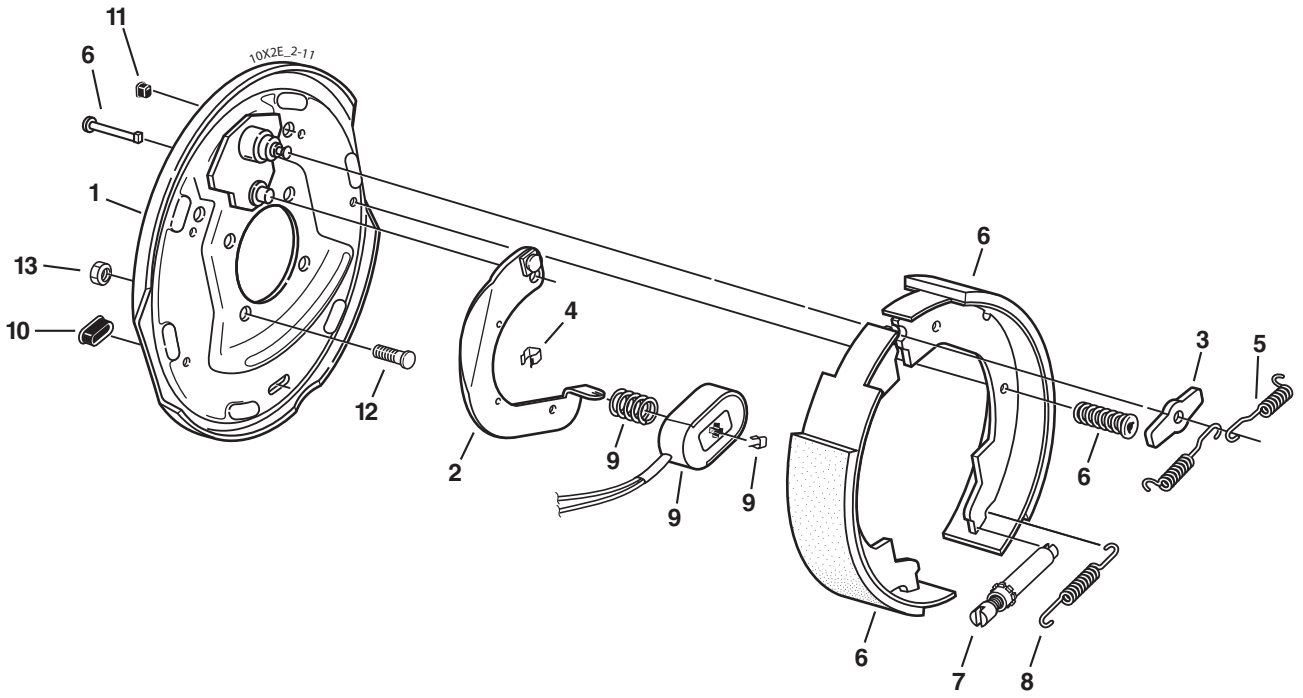
Electric Brake

Item	Part No.	Qty/Brk	Description
0	K23-476-00	1	LH Complete Brake Assembly (shown)
0	K23-477-00	1	RH Complete Brake Assembly
1	036-019-19	1	Backing Plate Assembly
2	047-019-10	1	LH Actuating Lever Arm
2	047-020-10	1	RH Actuating Lever Arm
3	005-067-00	1	Washer
4	027-005-00	2	Wire Clip
5	046-009-00	2	Retractor Spring
6	K71-701-00	1	LH Shoe & Lining Kit Contains: 1 #040-129-00 Primary Shoe & Lining 1 #040-375-00 Secondary Shoe & Lining 2 #049-009-00 Shoe Hold Down Pin T 2 #046-006-00 Shoe Hold Down Spring
6	K71-702-00	1	RH Shoe & Lining Kit Contains: 1 #040-129-00 Primary Shoe & Lining 1 #040-376-00 Secondary Shoe & Lining 2 #049-009-00 Shoe Hold Down Pin T 2 #035-001-00 Shoe Hold Down Spring & Cup
7	K71-703-00	1	LH & RH Brake Adjuster Kit Contains: 2 #046-139-00 Adjusting Screw Spring 1 #046-140-00 LH Lever Spring 1 #046-141-00 RH Lever Spring 1 #048-022-00 LH Adjuster Assembly 1 #048-023-00 RH Adjuster Assembly 2 #071-529-00 Hook for Cable 1 #071-532-01 LH Adjusting Lever 1 #071-532-02 RH Adjusting Lever 2 #071-533-00 Adjuster Cable 1 #071-655-01 LH Cable Lever 1 #071-655-02 RH Cable Lever 2 #071-656-00 Adjuster Cable
8	K71-104-00	1	Magnet Kit Contains: 1 #042-140-00 Magnet (green wire) 1 #027-009-00 Magnet Clip 1 #046-080-00 Magnet Spring (before 7/16) 1 #046-175-00 Magnet Spring (after 7/16)
9	046-007-00	2	Adjuster Slot Plug
10	046-016-00	1	Wire Grommet
11	007-041-00	4	Brake Mounting Bolt - Press-in
*12	006-017-00	4	Brake Mounting Nut

* Not included with complete brake assembly. Item sold separately.

D35, #10 10" x 2¼" Electric Brake

CSA approved at 3500#/13.3 SLR



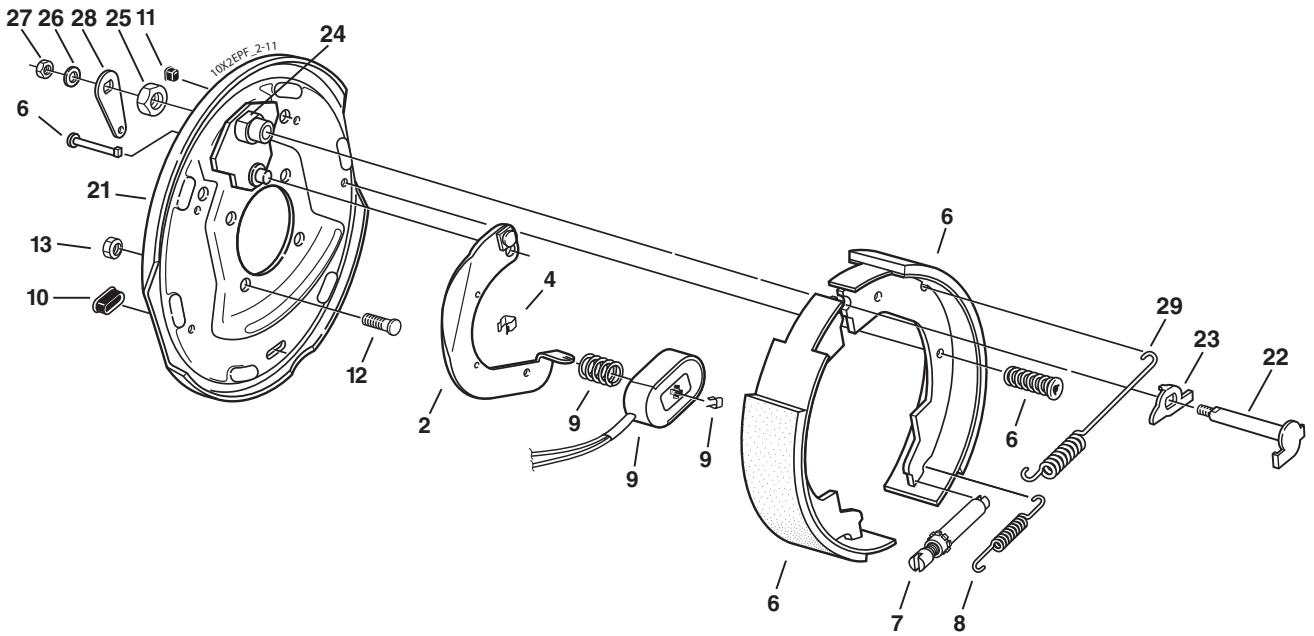
Electric Brake

Item	Part No.	Qty/Brk	Description
0	K23-026-00	1	LH Complete Brake Assembly (shown)
0	K23-027-00	1	RH Complete Brake Assembly
1	036-019-10	1	Backing Plate Assembly
2	047-019-05	1	LH Actuating Lever Arm
2	047-020-05	1	RH Actuating Lever Arm
3	005-067-00	1	Washer
4	027-005-00	2	Wire Clip
5	046-009-00	2	Retractor Spring
6	K71-047-00	1	Shoe & Lining Kit Contains: 1 #040-017-00 Primary Shoe & Lining 1 #040-021-00 Secondary Shoe & Lining 2 #049-002-00 Shoe Hold Down Pin #8 2 #046-077-00 Shoe Hold Down Spring & Cup
7	043-004-00	1	Adjuster Assembly
8	046-018-00	1	Adjusting Screw Spring
9	K71-104-00	1	Magnet Kit Contains: 1 #042-140-00 Magnet (green wire) 1 #027-009-00 Magnet Clip 1 #046-080-00 Magnet Spring (before 7/16) 1 #046-175-00 Magnet Spring (after 7/16)
10	046-007-00	2	Adjuster Slot Plug
11	046-016-00	1	Wire Grommet
12	007-041-00	4	Brake Mounting Bolt - Press-in
*13	006-017-00	4	Brake Mounting Nut

* Not included with complete brake assembly. Item sold separately.

D35, #10 10" x 2¼" Electric Brake With Parking Feature

CSA approved at 3500#/13.3 SLR



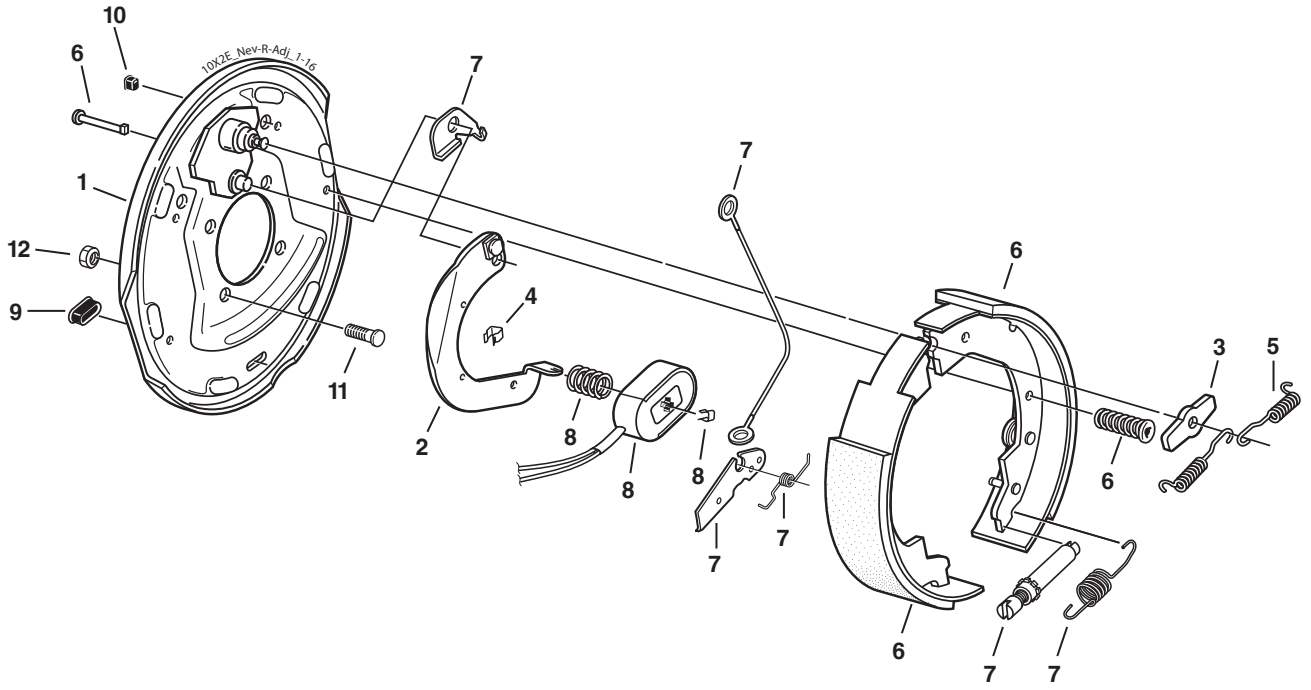
Electric Parking Brake

Item	Part No.	Qty/Brk	Description
0	K23-086-00	1	LH Complete Brake Assembly (shown)
0	K23-087-00	1	RH Complete Brake Assembly
2	047-019-05	1	LH Actuating Lever Arm
2	047-020-05	1	RH Actuating Lever Arm
4	027-005-00	3	Wire Clip
6	K71-047-00	1	Shoe & Lining Kit Contains: 1 #040-017-00 Primary Shoe & Lining 1 #040-021-00 Secondary Shoe & Lining 2 #049-002-00 Shoe Hold Down Pin #8 2 #046-077-00 Shoe Hold Down Spring & Cup
7	043-004-00	1	Adjuster Assembly
8	046-018-00	1	Adjusting Screw Spring
9	K71-104-00	1	Magnet Kit Contains: 1 #042-140-00 Magnet (green wire) 1 #027-009-00 Magnet Clip 1 #046-080-00 Magnet Spring (before 7/16) 1 #046-175-00 Magnet Spring (after 7/16)
10	046-007-00	2	Adjuster Slot Plug
11	046-016-00	1	Wire Grommet
12	007-041-00	4	Brake Mounting Bolt - Press-in
*13	006-017-00	4	Brake Mounting Nut
21	036-019-07	1	LH Backing Plate Assembly (includes items #12, 22-28)
21	036-019-08	1	RH Backing Plate Assembly (includes items #12, 22-28)
22	039-025-00	1	LH Pivot Pin & Cam Sub-Assembly
22	039-026-00	1	LH Pivot Pin & Cam Sub-Assembly
23	039-048-00	1	LH Actuating Cam
23	039-049-00	1	RH Actuating Cam
24	038-047-00	1	Anchor Post & Bushing Assembly
25	006-047-00	1	Anchor Post Locknut
26	005-041-00	1	Washer
27	006-011-00	1	Pivot Pin Locknut
28	047-070-00	1	Actuating Lever
29	046-056-00	1	Retractor Spring

* Not included with complete brake assembly. Item sold separately.

D35, #10 10" x 2¼" Nev-R-Adjust® Electric Brake

CSA approved at 3500#/13.3 SLR



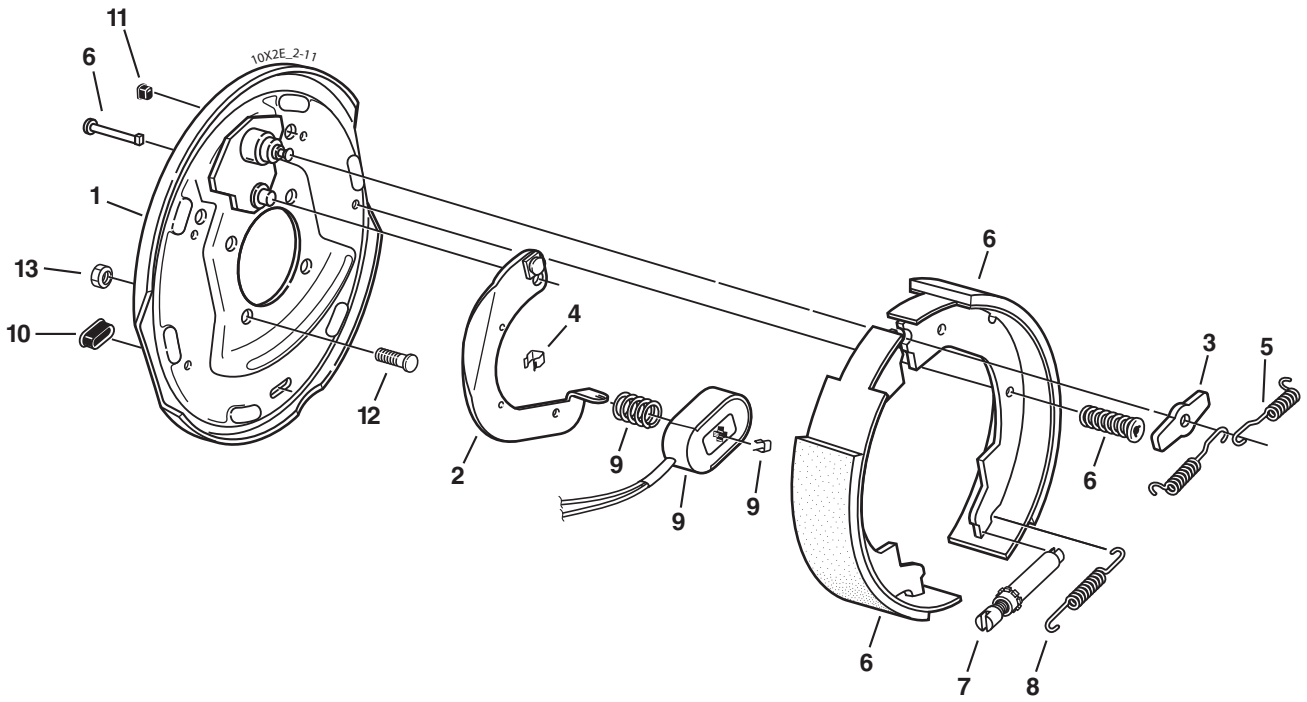
Electric Brake

Item	Part No.	Qty/Brk	Description
0	K23-468-00	1	LH Complete Brake Assembly (shown)
0	K23-469-00	1	RH Complete Brake Assembly
1	036-019-10	1	Backing Plate Assembly
2	047-019-10	1	LH Actuating Lever Arm
2	047-020-10	1	RH Actuating Lever Arm
3	005-067-00	1	Washer
4	027-005-00	2	Wire Clip
5	046-009-00	2	Retractor Spring
6	K71-681-00	1	LH Shoe & Lining Kit Contains: 1 #040-367-00 Primary Shoe & Lining 1 #040-368-01 Secondary Shoe & Lining 2 #049-002-00 Shoe Hold Down Pin #8 2 #046-077-00 Shoe Hold Down Spring & Cup
6	K71-682-00	1	RH Shoe & Lining Kit Contains: 1 #040-367-00 Primary Shoe & Lining 1 #040-368-02 Secondary Shoe & Lining 2 #049-002-00 Shoe Hold Down Pin #8 2 #046-077-00 Shoe Hold Down Spring & Cup
7	K71-703-00	1	LH & RH Brake Adjuster Kit Contains: 2 #046-139-00 Adjusting Screw Spring 1 #046-140-00 LH Lever Spring 1 #046-141-00 RH Lever Spring 1 #048-022-00 LH Adjuster Assembly 1 #048-023-00 RH Adjuster Assembly 2 #071-529-00 Hook for Cable 1 #071-532-01 LH Adjusting Lever 1 #071-532-02 RH Adjusting Lever 2 #071-533-00 Adjuster Cable 1 #071-655-01 LH Cable Lever 1 #071-655-02 RH Cable Lever 2 #071-656-00 Adjuster Cable
8	K71-104-00	1	Magnet Kit Contains: 1 #042-140-00 Magnet (green wire) 1 #027-009-00 Magnet Clip 1 #046-080-00 Magnet Spring (before 7/16) 1 #046-175-00 Magnet Spring (after 7/16)
9	046-007-00	2	Adjuster Slot Plug
10	046-016-00	1	Wire Grommet
11	007-041-00	4	Brake Mounting Bolt - Press-in
*12	006-017-00	4	Brake Mounting Nut

* Not included with complete brake assembly. Item sold separately.

D40, #10F 10" x 2¼" Electric Brake Manual Adjust

CSA approved at 4400#/13.0 SLR



Note: Brake mounting is not the same as a standard #10. It will not fit on a #10.

Electric Brake

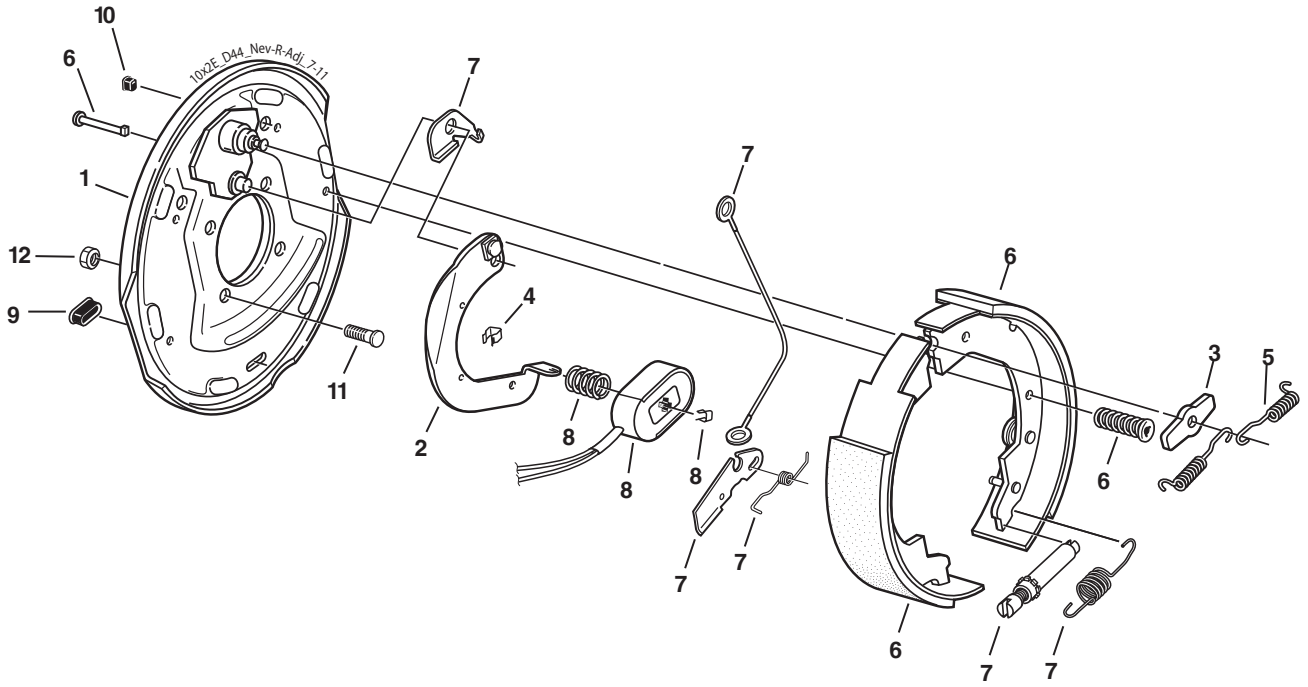
Item	Part No.	Qty/Brk	Description
0	K23-462-00	1	LH Complete Brake Assembly (shown)
0	K23-463-00	1	RH Complete Brake Assembly
1	036-019-19	1	Backing Plate Assembly
2	047-019-05	1	LH Actuating Lever Arm
2	047-020-05	1	RH Actuating Lever Arm
3	005-067-00	1	Washer
4	027-005-00	2	Wire Clip
5	046-009-00	2	Retractor Spring
6	K71-672-00	1	Shoe & Lining Kit Contains: 1 #040-361-00 Primary Shoe & Lining 1 #040-362-00 Secondary Shoe & Lining 2 #049-002-00 Shoe Hold Down Pin #8 2 #046-077-00 Shoe Hold Down Spring & Cup
7	043-004-00	1	Adjuster Assembly
8	046-018-00	1	Adjusting Screw Spring
9	K71-125-00	1	Magnet Kit Contains: 1 #042-143-00 Magnet (black wire) 1 #027-009-00 Magnet Clip 1 #046-080-00 Magnet Spring (before 7/16) 1 #046-175-00 Magnet Spring (after 7/16)
10	046-007-00	2	Adjuster Slot Plug
11	046-016-00	1	Wire Grommet
12	007-271-00	4	Brake Mounting Bolt - Press-in
*13	006-017-00	4	Brake Mounting Nut

* Not included with complete brake assembly. Item sold separately.

D40, #10F 10" x 2¼" Nev-R-Adjust® Electric Brake

CSA approved at 4000#/13.0 SLR

2300 - 4000 LBS. CAPACITY



Electric Brake

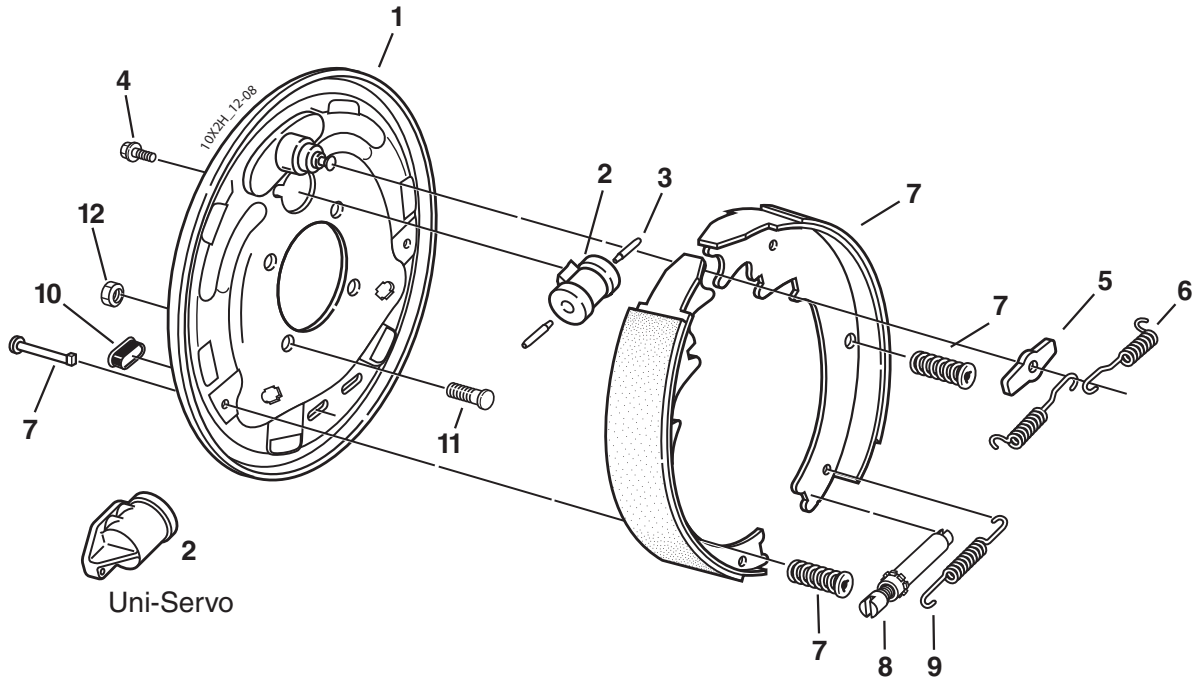
Item	Part No.	Qty/Brk	Description
0	K23-478-00	1	LH Complete Brake Assembly (shown)
0	K23-479-00	1	RH Complete Brake Assembly
1	036-019-19	1	Backing Plate Assembly
2	047-019-10	1	LH Actuating Lever Arm
2	047-020-10	1	RH Actuating Lever Arm
3	005-067-00	1	Washer
4	027-011-00	2	Wire Clip
5	046-009-00	2	Retractor Spring
6	K71-698-00	1	LH Shoe & Lining Kit Contains: 1 #040-379-00 Primary Shoe & Lining 1 #040-380-01 Secondary Shoe & Lining 2 #049-002-00 Shoe Hold Down Pin #8 2 #046-077-00 Shoe Hold Down Spring & Cup
6	K71-699-00	1	RH Shoe & Lining Kit Contains: 1 #040-379-00 Primary Shoe & Lining 1 #040-380-02 Secondary Shoe & Lining 2 #049-002-00 Shoe Hold Down Pin #8 2 #046-077-00 Shoe Hold Down Spring & Cup
7	K71-703-00	1	LH & RH Brake Adjuster Kit Contains: 2 #046-139-00 Adjusting Screw Spring 1 #046-140-00 LH Lever Spring 1 #046-141-00 RH Lever Spring 1 #048-022-00 LH Adjuster Assembly 1 #048-023-00 RH Adjuster Assembly 2 #071-529-00 Hook for Cable 1 #071-532-01 LH Adjusting Lever 1 #071-532-02 RH Adjusting Lever 2 #071-533-00 Adjuster Cable 1 #071-655-01 LH Cable Lever 1 #071-655-02 RH Cable Lever 2 #071-656-00 Adjuster Cable
8	K71-125-00	1	Magnet Kit Contains: 1 #042-143-00 Magnet (black wire) 1 #027-009-00 Magnet Clip 1 #046-080-00 Magnet Spring (before 7/16) 1 #046-175-00 Magnet Spring (after 7/16)
9	046-007-00	2	Adjuster Slot Plug
10	046-016-00	1	Wire Grommet
11	007-271-00	4	Brake Mounting Bolt - Press-in
*12	006-017-00	4	Brake Mounting Nut

* Not included with complete brake assembly. Item sold separately.

This brake will not fit axles produced prior to 5/1/09.

D35, #10 10" x 2¼" Hydraulic Brake

CSA approved at 3500#/14.0 SLR; Uni-Servo



Note: Uni-Servo brakes to be used with surge actuator

Hydraulic Brake

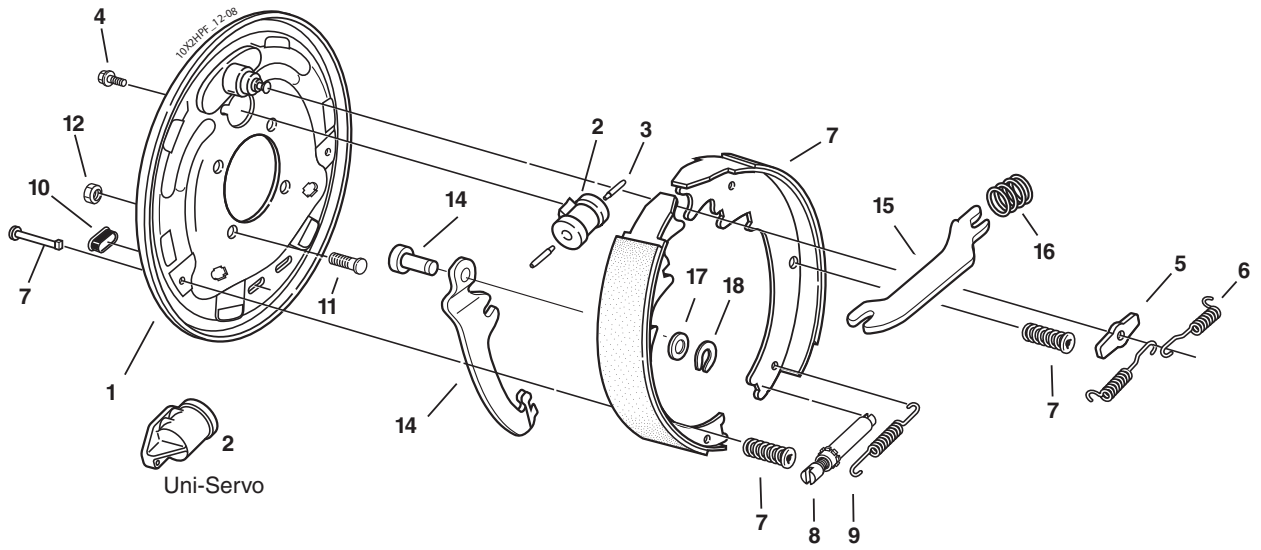
Item	Part No.	Qty/Brk	Description
0	K23-310-00	1	LH Complete Brake Assembly-DS
0	K23-311-00	1	RH Complete Brake Assembly-DS
0	K23-312-00	1	LH Complete Brake Assembly-US
0	K23-313-00	1	RH Complete Brake Assembly-US (shown)
1	036-094-03	1	Backing Plate Assembly (includes item #11)
2	054-062-00	1	LH Brake Cylinder Duo-Servo
2	054-063-00	1	RH Brake Cylinder Duo-Servo
2	054-064-00	1	LH Brake Cylinder Uni-Servo
2	054-065-00	1	RH Brake Cylinder Uni-Servo
3	054-060-00	1 or 2	Cylinder Push Rod US (1) DS (2)
4	087-001-00	2	Sems (screw & washer assembly)
5	005-113-00	1	Anchor Post Washer
6	046-009-00	2	Retractor Spring
7	K71-267-00	1	Shoe & Lining Kit Contains: 1 #040-210-00 Primary Shoe & Lining 1 #040-211-00 Secondary Shoe & Lining 2 #046-077-00 Shoe Hold Down Spring & Cup 2 #049-002-00 Shoe Hold Down Pin #8
8	043-004-00	1	Adjuster Assembly
9	046-018-00	1	Adjusting Screw Spring
10	046-007-00	1	Adjuster Slot Plug
11	007-041-00	4	Brake Mounting Bolt - Press-in
*12	006-017-00	4	Brake Mounting Nut
ns	054-089-00	1	Bleeder Screw (included with item #2)

ns - not shown

* Not included with complete brake assembly. Item sold separately.

D35, #10 10" x 2¼" Hydraulic Brake With Parking Feature

CSA approved at 3500#/14.0 SLR; Uni-Servo



Note: Uni-Servo brakes to be used with surge actuator

Hydraulic Parking Brake

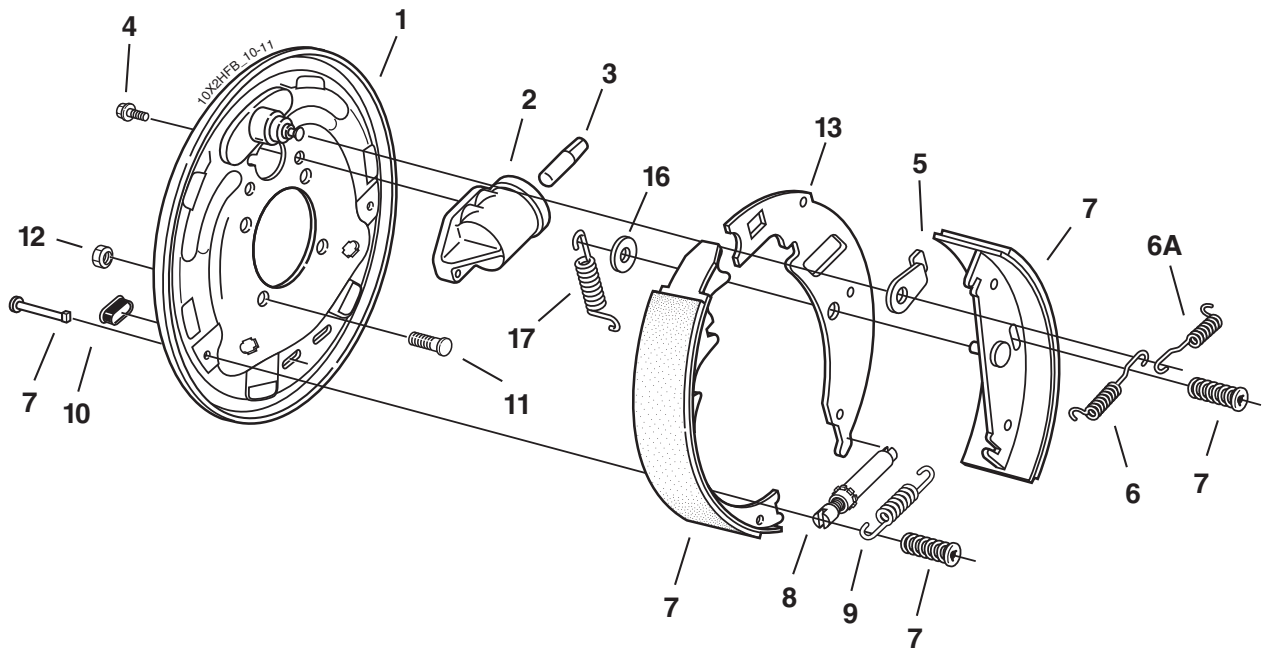
Item	Part No.	Qty/Brk	Description
0	K23-330-00	1	LH Complete Brake Assembly-w/park-US
0	K23-331-00	1	RH Complete Brake Assembly-w/park-US (shown)
0	K23-400-00	1	LH Complete Brake Assembly-w/park-DS
0	K23-401-00	1	RH Complete Brake Assembly-w/park-DS (shown)
1	036-094-03	1	Backing Plate Assembly (includes item #11)
2	054-064-00	1	LH Brake Cylinder Uni-Servo
2	054-065-00	1	RH Brake Cylinder Uni-Servo
2	054-062-00	1	LH Brake Cylinder Duo-Servo
2	054-063-00	1	RH Brake Cylinder Duo-Servo
3	054-060-00	1 or 2	Cylinder Push Rod US (1) DS (2)
4	087-001-00	2	Sems (screw & washer assembly)
5	005-113-00	1	Anchor Post Washer
6	046-009-00	2	Retractor Spring
7	K71-267-00	1	Shoe & Lining Kit Contains: 1 #040-210-00 Primary Shoe & Lining 1 #040-211-00 Secondary Shoe & Lining 2 #046-077-00 Shoe Hold Down Spring & Cup 2 #049-002-00 Shoe Hold Down Pin #8
8	043-004-00	1	Adjuster Assembly
9	046-018-00	1	Adjusting Screw Spring
10	046-007-00	1	Adjuster Slot Plug
11	007-041-00	4	Brake Mounting Bolt - Press-in
*12	006-017-00	4	Brake Mounting Nut
14	047-116-01	1	LH Parking Lever & Pin Assembly
14	047-117-01	1	RH Parking Lever & Pin Assembly
15	047-118-00	1	Parking Strut
16	046-103-00	1	Parking Strut Spring
17	005-112-00	1	Spring Tension Washer
18	069-055-00	1	Retainer
ns	054-089-00	1	Bleeder Screw (included with item #2)
*ns	071-514-00	1	Park Brake Cable

ns - not shown

* Not included with complete brake assembly. Item sold separately.

D35, #10 10" x 2¼" Hydraulic Brake Free Backing

CSA approved at 3500#/14.0 SLR; Uni-Servo



Note: Uni-Servo brakes to be used with surge actuator

Hydraulic Free Backing Brake

Item	Part No.	Qty/Brk	Description
0	K23-344-00	1	LH Complete Brake Assembly-FB
0	K23-345-00	1	RH Complete Brake Assembly-FB (shown)
1	036-094-03	1	Backing Plate Assembly (includes item #11)
2	054-064-00	1	LH Brake Cylinder Uni-Servo
2	054-065-00	1	RH Brake Cylinder Uni-Servo
3	054-060-00	1	Cylinder Push Rod
4	087-001-00	2	Sems (screw & washer assembly)
5	037-069-02	1	Travel Link
6	046-009-00	2	Retractor Spring
6A	046-107-01	1	Shoe Lever Return Spring
7	K71-393-00	1	Shoe & Lining Kit Contains: 1 #040-291-00 Primary Shoe & Lining 1 #040-211-00 Secondary Shoe & Lining 2 #046-077-00 Shoe Hold Down Spring & Cup 2 #049-002-00 Shoe Hold Down Pin #8
8	043-004-00	1	Adjuster Assembly
9	046-083-00	1	Adjusting Screw Spring
10	046-007-00	1	Adjuster Slot Plug
11	007-041-00	4	Brake Mounting Bolt - Press-in
*12	006-017-00	4	Brake Mounting Nut
13	040-240-02	1	Shoe Lever
16	005-064-00	1	Washer
17	046-108-01	1	Primary Shoe Return
ns	054-089-00	1	Bleeder Screw (included with item #2)
*ns	071-514-00	1	Park Brake Cable

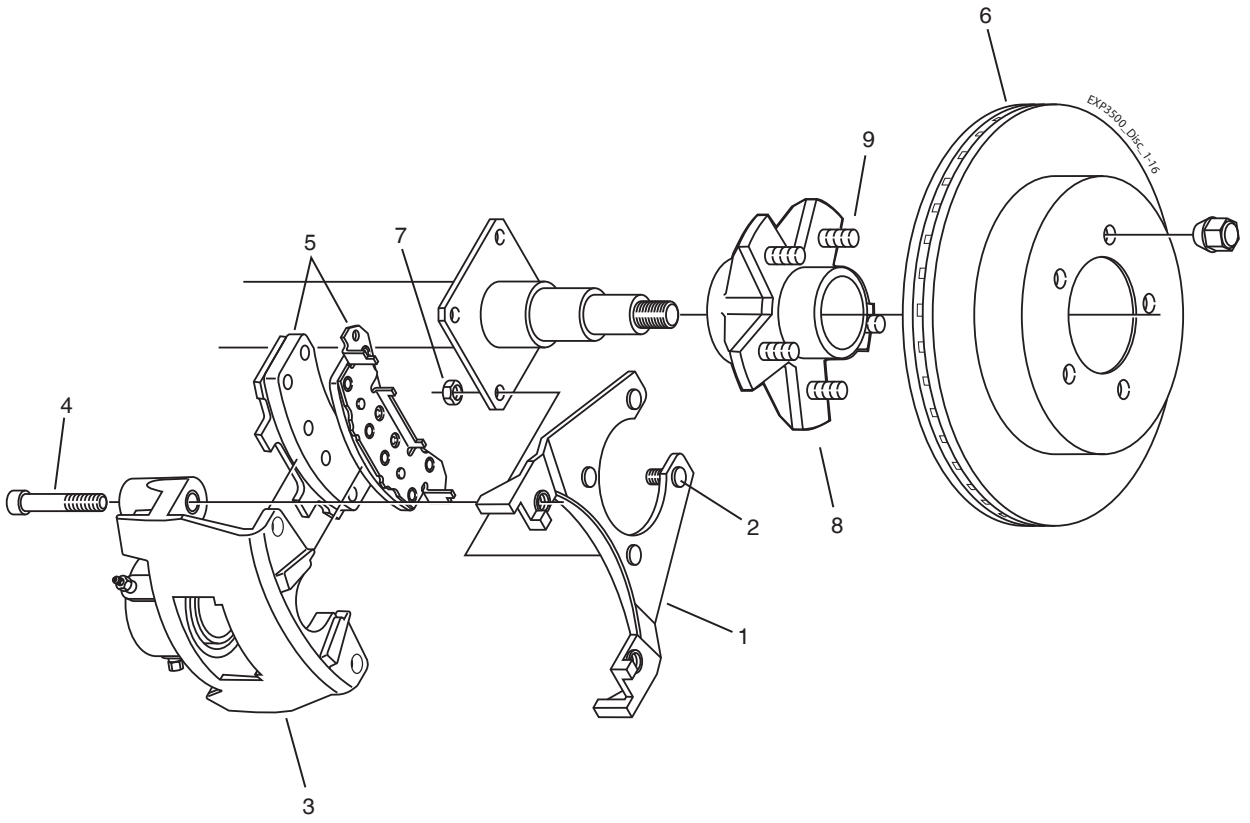
ns - not shown

* Not included with complete brake assembly. Item sold separately.

Hydraulic Free Backing Brake Corrosion Resistant

Item	Part No.	Qty/Brk	Description
0	K23-344-01	1	LH Complete Brake Assembly-FB
0	K23-345-01	1	RH Complete Brake Assembly-FB
1	036-094-04	1	Backing Plate Assembly (includes item #11)
2	054-064-01	1	LH Brake Cylinder Uni-Servo
2	054-065-01	1	RH Brake Cylinder Uni-Servo
3	054-060-00	1	Cylinder Push Rod
4	087-001-00	2	Sems (screw & washer assembly)
5	037-069-02	1	Travel Link
6	046-009-01	2	Retractor Spring
6A	046-107-03	1	Shoe Lever Return Spring
7	K71-423-00	1	Shoe & Lining Kit Contains: 1 #040-291-00 Primary Shoe & Lining 1 #040-211-00 Secondary Shoe & Lining 2 #046-077-00 Shoe Hold Down Spring & Cup 2 #049-002-00 Shoe Hold Down Pin #8
8	043-004-02	1	Adjuster Assembly
9	046-083-01	1	Adjusting Screw Spring
10	046-007-00	1	Adjuster Slot Plug
11	007-041-00	4	Brake Mounting Bolt - Press-in
*12	006-017-00	4	Brake Mounting Nut
13	040-240-02	1	Shoe Lever
16	005-064-00	1	Washer
17	046-108-03	1	Primary Shoe Return Spring
ns	054-089-00	1	Bleeder Screw (included with item #2)

D35, #10 Disc Brake for 3,500 Lb. Axles



Disc Brake 3500#

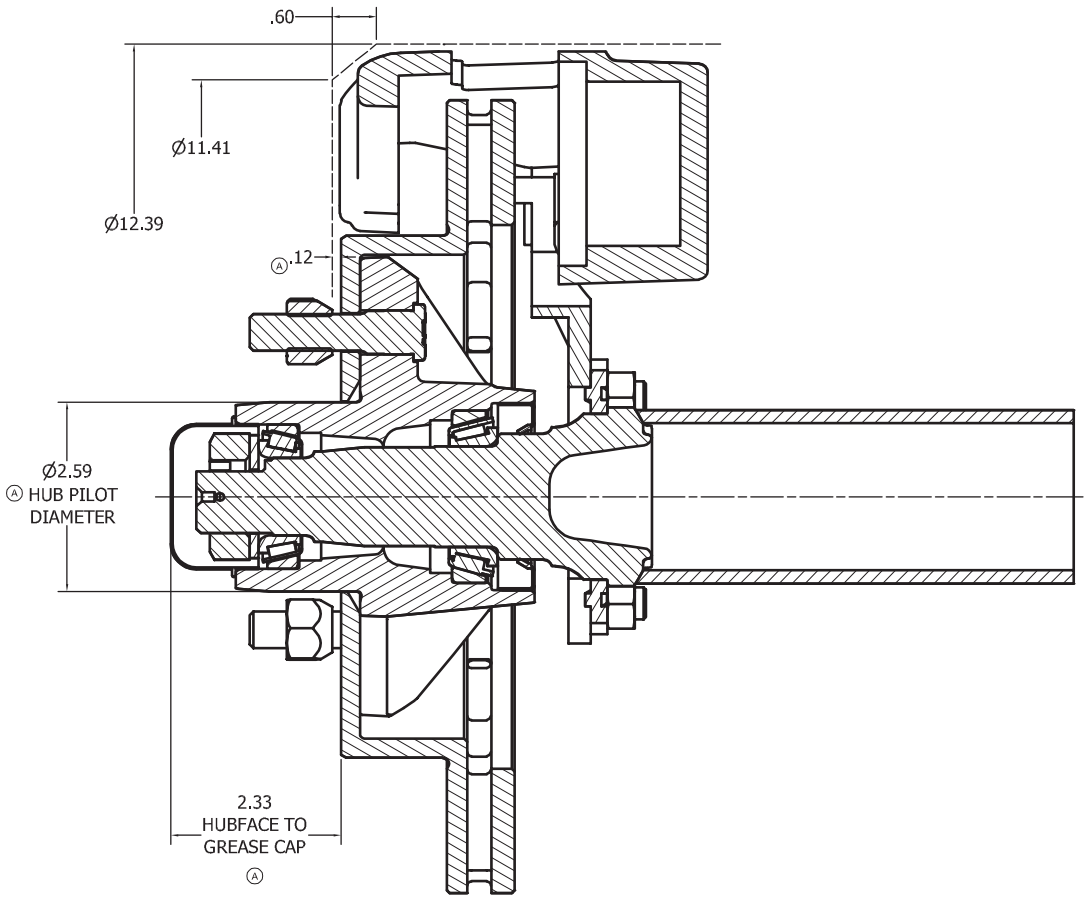
Item	Part No.	Qty/Brk	Description
1	090-004-01	1	Anchor Yoke Assembly (includes item #2)
2	007-041-00	4	Brake Mounting Bolt - Press-in
3	K71-624-00	1	Caliper Assembly Kit (includes item #5)
4	007-256-00	2	Caliper Mounting Bolt
5	K71-623-00	1	Brake Pad Kit (axle set)
6	K71-626-00	1	Rotor Kit
7	006-017-00	4	Yoke Mounting Nut
ns	054-097-00	1	Bleed Screw & Adapter (service part only)

Disc Brake Hubs & Studs

Item	Part No.	Qty/Brk	Description
8	008-248-22	1	½" Stud 5 on 4.50
9	007-150-00	5	½-20 x 2.09" Wheel Stud
ns	054-095-00	1	Bleeder Screw (included with items #3, 4)

ns - not shown

Recommended Wheel Clearance for 3,500 Lb. Disc Brake



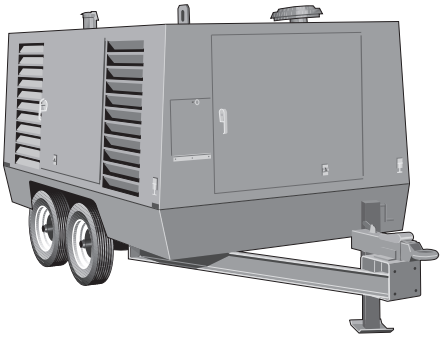
CAUTION: The above hub/rotor profile shows the minimum clearance needed to insure that no part of the wheel makes contact with any brake component.

Make sure the wheel is in full contact with the hub face and does not drag against the brake caliper. If there is not full contact with the hub face, you may experience a dangerous wheel separation.

General Applications







Axle Types

4100-6000 Lbs. Capacity

- Complete service manual
- Precision machined steel spindles and integral cast iron hub/drums
- Press-in wheel studs
- 10" x 2¼" CSA approved electric brakes
- 12" x 2" CSA approved electric brakes
- 12" x 2" hydraulic brakes
- Electric and hydraulic brakes are available with and without parking feature
- Hydraulic free backing brakes are available
- Inner wiring system for easier installation and protection of brake wiring
- Standard grease lubrication; E-Z Lube® or Nev-R-Lube® option
- Optional hot dipped galvanized axle beam
- Optional GAL-DEX® coated cast iron hub

#11 TORFLEX®

- Totally rubber-cushioned for smooth, quiet, independent ride
- Easy installation with less maintenance
- Less transfer of road shock which insulates cargo from road shocks and vibration
- Rubber cords compounded for maximum dependability and durability
- Load-carrying cross member
- Self-damping action
- Independent wheel suspension system
- 10 year limited warranty on Torflex® suspension system
- Low profile for maximum road clearance
- Various starting angles to control trailer height
- High and low profile brackets with optional mounting brackets available
- Rubber cushioning eliminates metal-to-metal contact
- Shock absorption provided by the natural hysteresis of rubber
- Single or tandem axle assemblies
- Durable, wear-resistant components
- Optional stainless steel wear sleeves for grease seal journal
- Available in drop center V-bend axle beam

D44, D52 & D60 LEAF SPRING



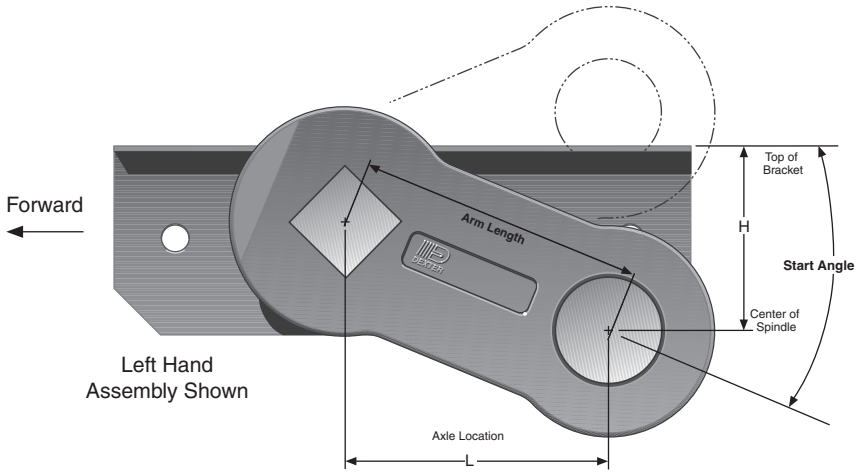
- High strength 3" diameter tube
- Straight or Drop spindles (4" drop only)
- High quality alloy steel springs in a variety of capacities
- Single, tandem, or triple axle assemblies with equalized suspensions
- Slipper spring or double eye leaf spring suspension
- Optional hanger and attaching parts kits available
- Durable, wear-resistant components
- Optional stainless steel wear sleeves for grease seal journal
- Available in drop center V-bend axle beam
- 5 year limited warranty



CAUTION: Triple axle assemblies are NOT recommended for #11 Torflex® axles.

11 Articulation Dimensions

Dimensions are for top mount only. Side mount is .25" higher. Allow 3" bump clearance from full load.



		No Load		Full Load		Shock Load	
Start Angle	**Bracket Profile**	**H**	**L**	**H**	**L**	**H**	**L**
45° Down	Low	6.01	4.24	4.07	5.54	2.94	5.88
	High	6.76	4.24	4.82	5.54	3.69	5.88
32° Down	Low	4.95	5.09	2.76	5.92	1.59	6.00
	High	5.70	5.09	3.51	5.92	2.34	6.00
22.5° Down	Low	4.07	5.54	1.77	6.00	0.60	5.88
	High	4.82	5.54	2.52	6.00	1.35	5.88
10° Down	Low	2.81	5.91	0.47	5.86	-0.65	5.49
	High	3.56	5.91	1.22	5.86	0.10	5.49
0°	Low	1.77	6.00	-0.53	5.54	-1.56	4.99
	High	2.52	6.00	0.22	5.54	-0.81	4.99
10° Up	Low	0.73	5.91	-1.45	5.06	-2.38	4.33
	High	1.48	5.91	-0.70	5.06	-1.63	4.33
22.5° Up	Low	-0.53	5.54	-2.47	4.24	-3.22	3.33
	High	0.22	5.54	-1.72	4.24	-2.47	3.33

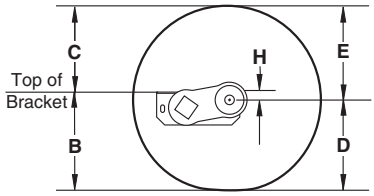
H = Height
L = Length

Note: Positive numbers in the H column indicate the spindle is BELOW the top of the bracket. Conversely, negative numbers are ABOVE the top of the bracket.

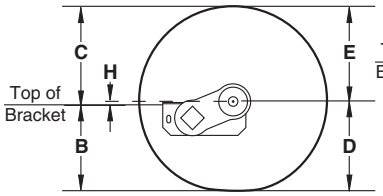
Torflex® Application Information

Full Load Dimensions

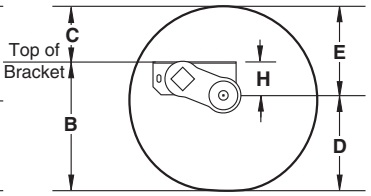
Dimensions are for low profile, top mount only. High profile brackets are .75" higher. Side mount is .25" higher. Allow 3" bump clearance from full load.



10° Dn, 0°



10° Up, 22.5° Up



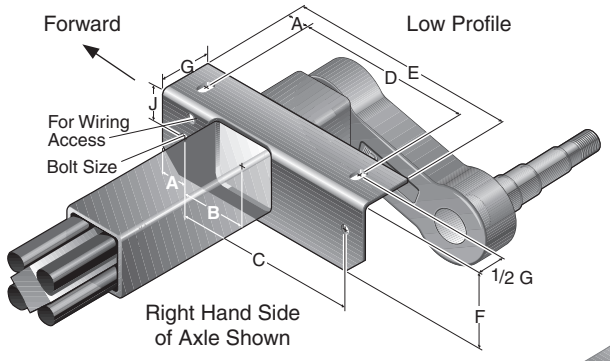
22.5° Dn, 45° DN

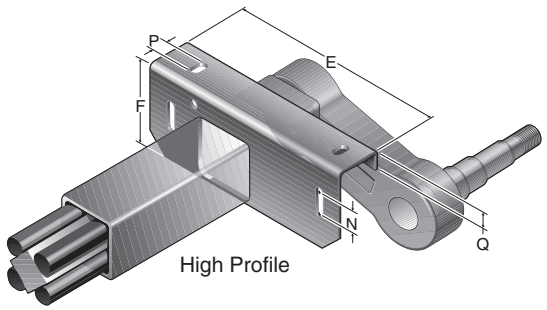
Start Angle

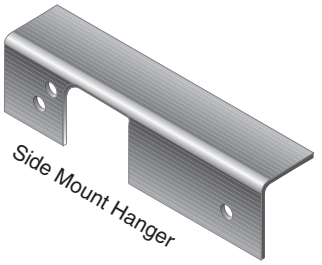
Tire	45° Down					32° Down					22.5° Down		
	D	E	H	B	C	D	E	H	B	C	H	B	C
ST225/75R15	13.0	14.4	4.1	17.1	10.3	13.0	14.4	2.8	15.8	11.6	1.8	14.8	12.6
LT235/85R16	14.3	15.4	4.1	18.4	11.3	14.3	15.4	2.8	17.1	12.6	1.8	16.1	13.6
LT225/75R16	13.5	14.9	4.1	17.6	10.8	13.5	14.9	2.8	16.3	12.1	1.8	15.3	13.1
8.75R16.5LT	13.8	14.8	4.1	17.9	10.7	13.8	14.8	2.8	16.6	12.0	1.8	15.6	13.0

Columns D and E are dimensional examples only:
D – Static Loaded Radius
E – Inflated Radius

Tire	10° Down			0°			10° Up			22.5° Up		
	H	B	C	H	B	C	H	B	C	H	B	C
ST175/80R13	0.5	13.5	13.9	-0.5	12.5	14.9	-1.5	11.5	15.9	-2.5	10.5	16.9
ST205/75R14	0.5	14.8	14.9	-0.5	13.8	15.9	-1.5	12.8	16.9	-2.5	11.8	17.9
ST225/75R15	0.5	14.0	14.4	-0.5	13.0	15.4	-1.5	12.0	16.4	-2.5	11.0	17.4
8.75R16.5LT	0.5	14.3	14.3	-0.5	13.3	15.3	-1.5	12.3	16.3	-2.5	11.3	17.3







#11 Bracket Dimensions

	Low	High
A	.75	.75
B	3.50	3.50
C	9.50	9.50
D	9.00	9.00
E	11.00	11.00
F	3.91	4.66
G	2.50	2.50
J	1.83	1.83
N	----	1.03
P	----	1.00
Q	----	1.00
Bolt Size	⅝" bolt	
Tube Size	3.03	3.03

#11 Overhang Per Side

Spindle	Min.	Disc.*	Max.
Short	7.00"	7.50"	10.22"
Standard	7.50"	7.50"	10.22"

* Minimum overhang with disc brakes

Leaf Spring Application Information

Double Eye Springs

For Standard 33" Axle Spacing

Single A/P-122-00
Tandem A/P-233-00
Triple A/P-335-00

	Spring Length		
	21"	24"	26"
A	19.62	23.50	25.75
B	25.00	27.50	29.50
C	28.75	31.00	33.00
D	10.62	12.00	13.00
E	28.75	31.00	33.00

For Optional 35" Axle Spacing

Tandem A/P-264-00
Triple A/P-364-00

	Spring Length		
	21"	24"	26"
B	26.00	28.50	30.50
C	30.80	33.00	35.00
D	10.62	12.00	13.00
E	30.80	33.00	35.00

D44 Overhang Per Side

	Min.	Max.
Straight	6.00"	9.50"

D52 Overhang Per Side

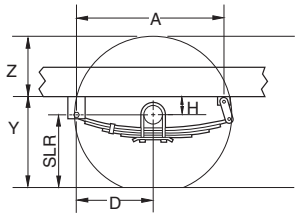
	Min.	Disc.*	Max.
Straight	6.63"	9.00"	9.50"
4" Drop	7.87"	N/A	9.50"
Nev-R-Lube®	6.19"	9.00"	9.50"

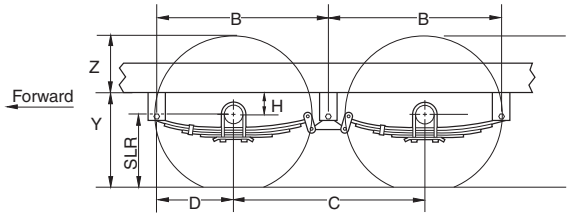
* Minimum overhang with disc brakes

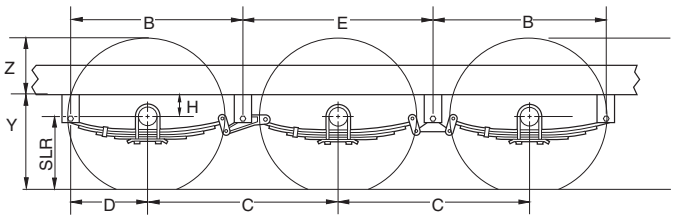
D60 Overhang Per Side

	Min.	Disc.*	Max.
Straight	6.63"	9.00"	10.00"
4" Drop	7.87"	N/A	10.00"
Nev-R-Lube®	6.19"	9.00"	10.00"

* Minimum overhang with disc brakes







Double Eye Axle Assemblies

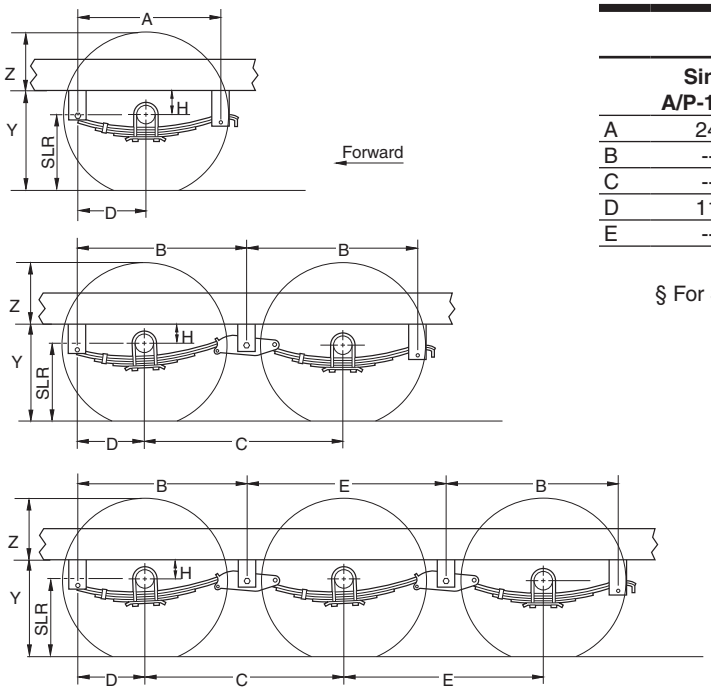
Hanger Kits			Quantity Per Kit				
Part No.	Description	Height	HGR-104-00	HGR-105-00	HGR-248-00	HGR-249-00	HGR-348-00
028-005-00	Hanger	3.25"	2	----	4	2	4
028-006-00	Front Hanger	1.44"	----	2	----	----	----
029-008-00	Front Hanger	2.06"	----	----	----	4	----
029-031-00	Center Hanger	3.62"	----	----	2	----	4
030-020-00	Rear Hanger	.91"	2	2	----	----	----

Attaching Parts Kits						
Part No.	Description	A/P-122-00	A/P-233-00	A/P-264-00†	A/P-335-00	A/P-364-00†
006-092-01	Flange Locknut	6	14	14	22	22
007-126-00	Shackle Bolt	2	6	6	10	10
013-104-02	Equalizer	----	2	----	2	----
013-105-02	Equalizer	----	----	----	2	----
013-122-02	Equalizer	----	----	2	----	2
013-126-02	Equalizer	----	----	----	----	2
018-011-00	Shackle Link	----	4	4	6	6
018-012-00	Shackle Link, Long	2	----	----	----	----
018-020-00	Shackle Link Assembly	----	4	4	6	6
018-021-00	Shackle Link Assembly, Long	2	----	----	----	----

† For 35" axle spacing using 26" springs

Note: Common A/P kits are available in marine grade coating.

Leaf Spring Application Information



Slipper Springs

	Single	Tandem		Triple	
	A/P-103-00	A/P-202-00§	A/P-216-00‡	A/P-302-00§	A/P-316-00‡
A	24.0	----	----	----	----
B	----	28.8	30.4	28.8	30.4
C	----	33.5	36.0	33.5	36.0
D	11.5	11.5	11.5	11.5	11.5
E	----	----	----	33.0	35.0

Note: All 2" wide slipper springs
§ For 33.5" axle spacing ‡ For 36" axle spacing

A, B, E – Hanger Spacing
C – Axle Spacing
D – Axle Location
H – Center of Spindle
Y – Frame Height
Z – Top of Tire to Bottom of Frame
SLR – Static Load Radius

To determine these values, contact your local sales engineer or distributor to run ProSpec™.

Slipper Spring Axle Assemblies

Hanger Kits

			Quantity Per Kit		
Part No.	Description	Height	HGR-110-00	HGR-202-00	HGR-302-00
028-001-00	Front Hanger	4.25"	2	2	2
029-001-00	Center Hanger	3.50"	----	2	4
030-028-00	Rear Hanger	4.00"	2	2	2

Attaching Parts Kits

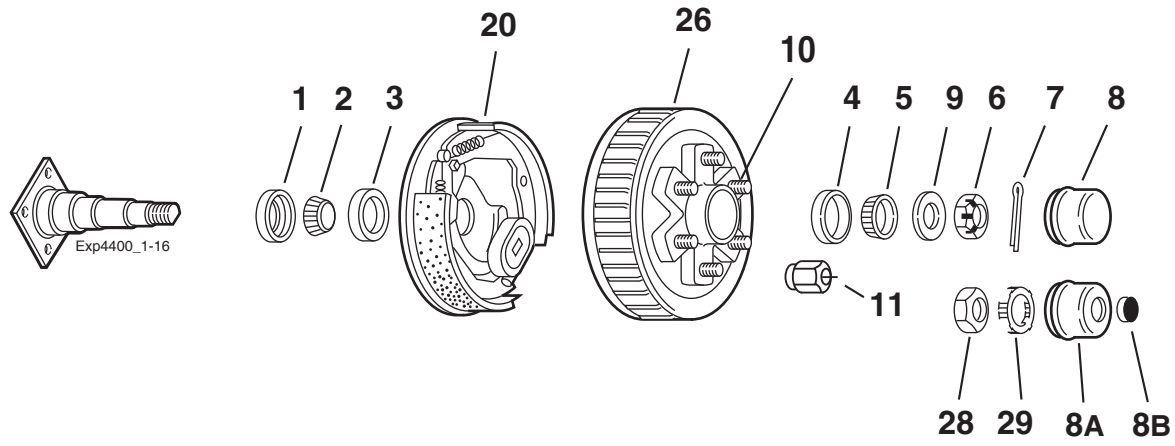
Part No.	Description	A/P-103-00	A/P-202-00§	A/P-216-00‡	A/P-302-00§	A/P-316-00‡
006-007-01	9/16-18 Locknut	2	4	4	6	6
006-011-00	Keeper Nut	2	4	4	6	6
006-111-00	Equalizer Nut	----	2	2	4	4
007-001-01	Equalizer Bolt	----	2	2	4	4
007-007-00	Keeper Bolt	2	4	4	6	6
007-017-00	Spring Eye Bolt	2	4	4	6	6
013-004-00	Equalizer	----	2	----	4	----
013-044-01	Equalizer	----	----	2	----	4

§ For 33.5" axle spacing
‡ For 36" axle spacing

Note: Common A/P kits are available in marine grade coating.

Some combinations of hangers and spring mountings may result in insufficient bump clearance. Refer to the Miscellaneous section for additional hanger kits, A/P kits, or other tires.

D44 655 Hub Group



Grease Lube Parts

Item	Part No.	Description
1	010-019-00	Grease Seal for E-Z Lube®
2	031-033-02	L68149 Inner Bearing Cone
3	031-033-01	L68111 Inner Bearing Cup
4	031-032-01	LM67010 Outer Bearing Cup
5	031-032-02	LM67048 Outer Bearing Cone
6	006-176-00	Spindle Nut
7	019-002-00	Cotter Pin (not used with E-Z Lube®)
8	021-001-00	Grease Cap
8A	021-042-01	Grease Cap for E-Z Lube®
8B	085-001-00	Rubber Plug for E-Z Lube®
9	005-023-00	Spindle Washer
28	006-191-00	Special Jam Nut for E-Z Lube® (after 2002)
29	006-190-00	Spindle Nut Retainer for E-Z Lube® (after 2002)

10" x 2¼" Brakes Old Style Before 5/1/09

Item	Part No.	Description
ns	K23-454-00	LH Electric
ns	K23-455-00	RH Electric

10" x 2¼" Brakes New Style After 5/1/09

Item	Part No.	Description
20	K23-462-00	LH Electric
20	K23-463-00	RH Electric

ns - not shown

Note: Spindle is not available for resale.

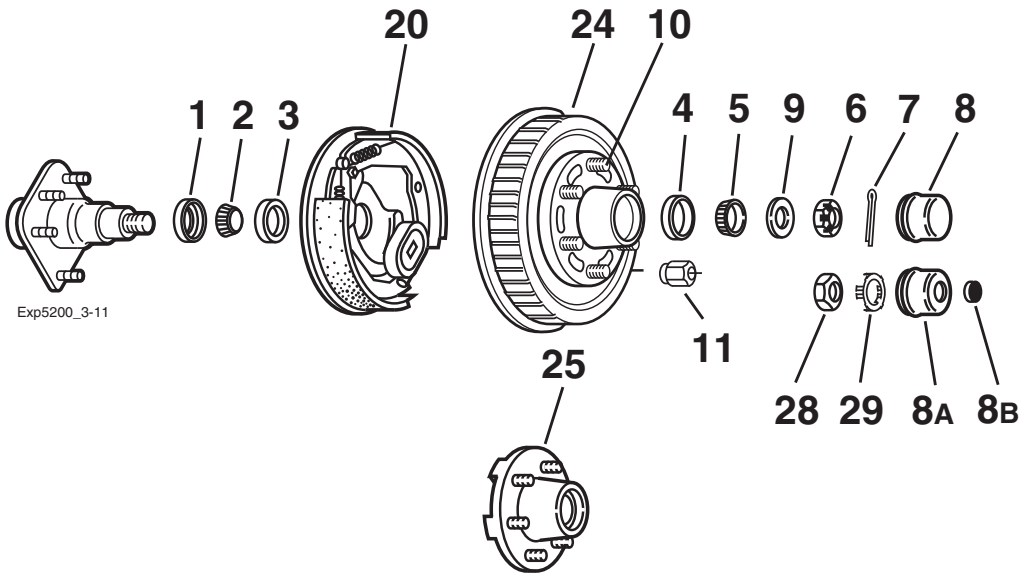
Hubs

Item	Part No.	Description	Bolt Circle
Hubs and Drums			
26	008-407-05	½" Stud	6 on 5.50

Studs & Wheel Nuts

Item	Part No.	Description
10	007-122-00	½-20 Pressed Wheel Stud
11	006-080-00	½-20 60° Cone Nut

D52, D60 655 Hub Group



Grease Lube Parts

Item	Part No.	Description
1	010-036-00	Grease Seal, E-Z Lube® Seal
1	010-063-00	Oil Seal
2	031-030-02	25580 Inner Bearing cone
3	031-030-01	25520 Inner Bearing Cup
4	031-032-01	LM67010 Outer Bearing Cup (for 5200#)
5	031-032-02	LM67048 Outer Bearing Cone (for 5200#)
4	031-029-01	15245 Outer Bearing Cup (for 6000#)
5	031-029-02	15123 Outer Bearing Cone (for 6000#)
6	006-176-00	Spindle Nut
7	019-002-00	Cotter Pin (not used with E-Z Lube®)
8	021-001-00	Grease Cap
8A	021-042-01	Grease Cap for E-Z Lube®
8B	085-001-00	Rubber Plug for E-Z Lube®
9	005-023-00	Spindle Washer
28	006-191-00	Special Jam Nut for E-Z Lube® (after 2002)
29	006-190-00	Spindle Nut Retainer for E-Z Lube® (after 2002)

12" x 2" Brakes

Item	Part No.	Description
20	K23-105-00/K23-106-00	LH/RH Electric 6K CSA
ns	K23-112-00/K23-113-00	LH/RH Electric w/park 6K CSA
ns	K23-324-00/K23-325-00	LH/RH Hydraulic Uni-servo
ns	K23-320-00/K23-321-00	LH/RH Hydraulic Uni-servo w/park
ns	K23-322-00/K23-323-00	LH/RH Hydraulic Duo-servo
ns	K23-318-00/K23-319-00	LH/RH Hydraulic Duo-servo w/park
ns	K23-342-00/K23-343-00	LH/RH Hydraulic Free Backing
ns	K23-340-00/K23-341-00	LH/RH Hydraulic Free Backing w/park
ns	K23-342-01/K23-343-01	LH/RH Hydraulic FB Corrosion Resistant
ns	K23-340-01/K23-341-01	LH/RH Hydraulic FB Corrosion Resistant w/park
ns	K23-458-00/K23-459-00	LH/RH Electric Nev-R-Adjust® 6K CSA

ns - not shown

Note: Spindle is not available for resale.

Hubs

Item	Part No.	Description	Bolt Circle
Hubs and Drums			
24	008-201-05	½" Stud for 5200#	6 on 5.50
24	008-201-50	½" Stud for 5200# GAL-DEX® coated	6 on 5.50
24	008-201-09	½" Stud 15123 bearing for 6000#	6 on 5.50
24	008-201-51	½" Stud 15123 bearing for 6000# GAL-DEX® coated	6 on 5.50
Plain Hubs			
25	008-213-05	½" Stud for 5200#	6 on 5.50
25	008-213-50	½" Stud for 5200# GAL-DEX® coated	6 on 5.50
25	008-213-09	½" Stud 15123 bearing for 6000#	6 on 5.50
25	008-213-51	½" Stud 15123 bearing for 6000# GAL-DEX® coated	6 on 5.50

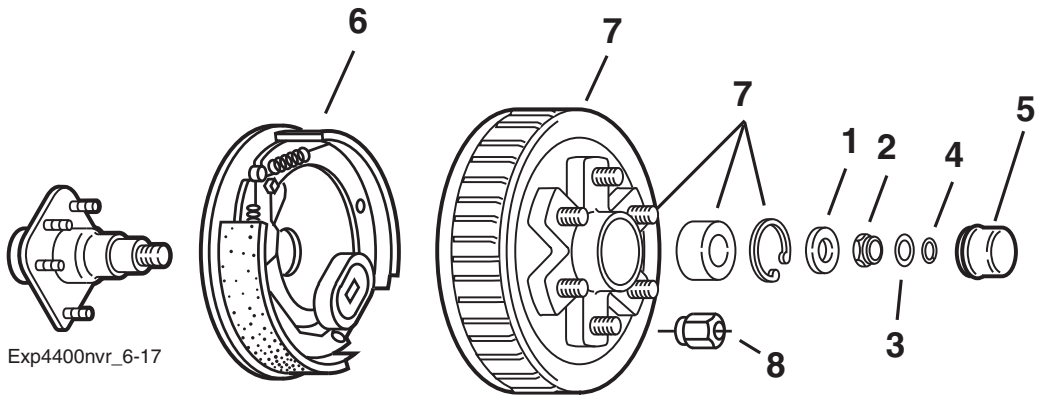
Studs & Wheel Nuts

Item	Part No.	Description
10	007-122-00	½-20 x 1.99 Long Press-in Stud*
10	007-262-00	½-20 x 2.70 Long Press-in Stud* (hub-drum after 2/09)
11	006-080-00	½-20 60° Cone Nut

* Stud length measured under head to end of stud.

8 on 6.5 hubs are available on these axles.
See section in 5500-7000 lbs. capacity.

D52, D60 655 Nev-R-Lube® Hub Group



Exp4400nvr_6-17

Nev-R-Lube® Parts 42MM & 50MM

Item	Part No.	Description
1	005-147-01	Spindle Washer, 42mm
2	006-183-00	Spindle Nut
3	092-002-00	Washer, Torque Label
4	069-096-00	Snap Ring
5	021-085-00	Hub Cap, 42mm

12" x 2" Brakes

Item	Part No.	Description
6	K23-105-00/K23-106-00	LH/RH Electric, 6K CSA
ns	K23-112-00/K23-113-00	LH/RH Electric w/park, 6K CSA
ns	K23-324-00/K23-325-00	LH/RH Hydraulic Uni-servo, 5.2K
ns	K23-320-00/K23-321-00	LH/RH Hydraulic Uni-servo w/park, 5.2K
ns	K23-322-00/K23-323-00	LH/RH Hydraulic Duo-servo, 5.2K
ns	K23-318-00/K23-319-00	LH/RH Hydraulic Duo-servo w/park, 5.2K
ns	K23-338-00/K23-339-00	LH/RH Hydraulic Uni-servo, 7K
ns	K23-334-00/K23-335-00	LH/RH Hydraulic Uni-servo w/park, 7K
ns	K23-336-00/K23-337-00	LH/RH Hydraulic Duo-servo, 7K
ns	K23-332-00/K23-333-00	LH/RH Hydraulic Duo-servo w/park, 7K
ns	K23-342-00/K23-343-00	LH/RH Hydraulic Free Backing, 7K
ns	K23-340-00/K23-341-00	LH/RH Hydraulic Free Backing w/park, 7K
ns	K23-458-00/K23-459-00	LH/RH Electric Nev-R-Adjust® CSA

ns - not shown

Note: Spindle is not available for resale.

Hubs With Bearing and Wheel Studs

Item	Part No.	Description	Bolt Circle
7	008-388-80	Hub and Drum includes: 007-122-00 ½-20 Press-in Studs 031-073-03 42mm Bearing Cartridge 069-095-00 Bearing Retainer	6 on 5.50

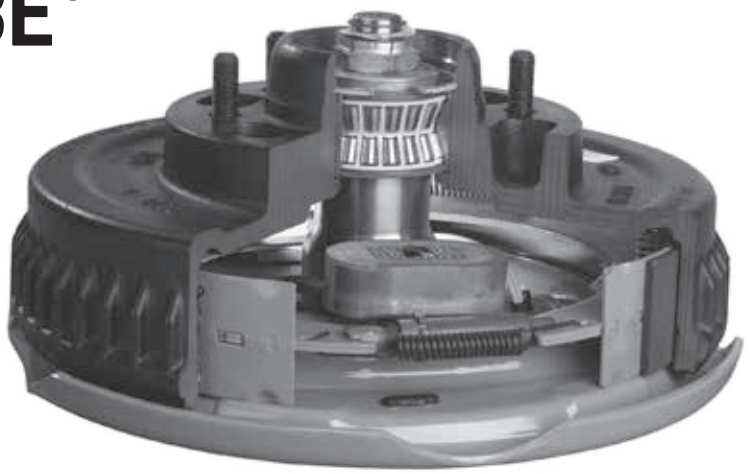
Wheel Nuts

Item	Part No.	Description
8	006-080-00	½-20 60° Cone Nut

8 on 6.5 hubs are available on these axles.
See section in 5500-7000 lbs. capacity.

NEV-R-LUBE®
SEALED CARTRIDGE BEARING SYSTEM

SAVE TIME, SAVE MONEY WITH NEV-R-LUBE®



Nev-R-Lube® Features

- No more inner and outer bearings to repack
- Pre-lubricated and resistant to contamination
- Sealed for life, no bearing maintenance
- Increased durability and reliability
- No replacing seals when checking brakes
- Pre-set adjustment allows for easy installation
- Human error is virtually eliminated in bearing adjustment
- Five-year or 100,000 mile limited warranty



What is Nev-R-Lube®?

Dexter's Nev-R-Lube® bearings are comprised of opposed tapered roller bearing cones sealed inside of a precision ground, one piece double cup arrangement. These bearings are designed with a small amount of axle end play. The end play is essential to the longevity of the bearing's service life. Nev-R-Lube® is not designed for immersion in water, such as boat trailer use.

42mm SEALED CARTRIDGE BEARINGS

- D52 and D60 leaf spring axles
- #11 and #12 Torflex® axles
- Straight spindles only
- Up to 6,000 lbs. capacity
- 6 on 5.50" bolt circle hub-drums
- 12" x 2" brakes
- Use only zero offset wheels

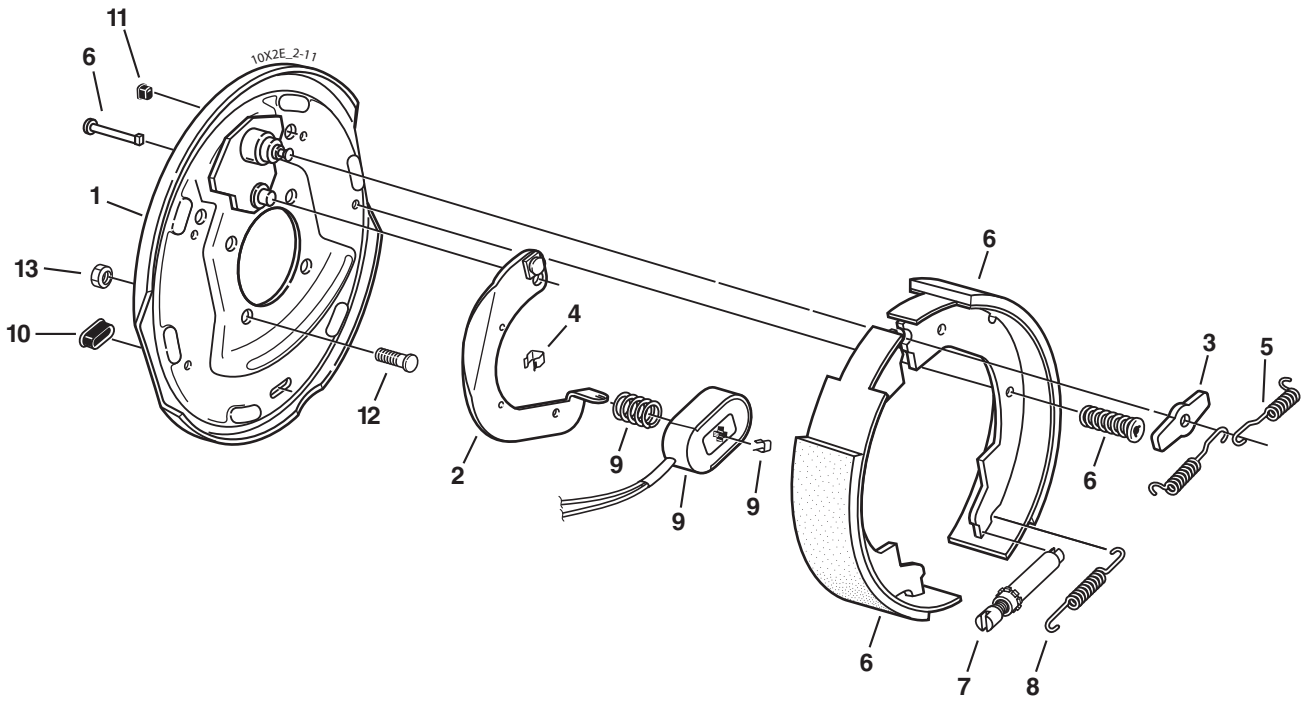
50mm SEALED CARTRIDGE BEARINGS

- D70, D72, and D80 leaf spring axles
- #12, #12V, and #13 Torflex® axles
- Straight spindles only
- Up to 8,000 lbs. capacity
- 8 on 6.50" bolt circle hub-drums
- 12" x 2", 12¼" x 2½", and 12¼" x 3⅜" brakes
- Can be used with zero to ½" inset wheels at 7,000 lb. ratings
- Zero offset or 0.19" inset wheels only at 8,000 lbs. capacity

Nev-R-Lube® is subject to the maintenance and inspection procedures as outlined in the Dexter Operation Maintenance Service Manual.

D44 10" x 2¼" Electric Brake Manual Adjust

CSA approved at 4400#/13.0 SLR



Electric Brake
Old Style Before 5/1/09

Item	Part No.	Qty/Brk	Description
ns	K23-454-00	1	LH Complete Brake Assembly
ns	K23-455-00	1	RH Complete Brake Assembly
1	036-019-16	1	Backing Plate Assembly
2	047-019-05	1	LH Actuating Lever Arm
2	047-020-05	1	RH Actuating Lever Arm
3	005-067-00	1	Washer
4	027-005-00	2	Wire Clip
5	046-009-00	2	Retractor Spring
6	K71-672-00	1	Shoe & Lining Kit Contains: 1 #040-361-00 Primary Shoe & Lining 1 #040-362-00 Secondary Shoe & Lining 2 #049-002-00 Shoe Hold Down Pin #8 2 #046-077-00 Shoe Hold Down Spring & Cup
7	043-004-00	1	Adjuster Assembly
8	046-018-00	1	Adjusting Screw Spring
9	K71-125-00	1	Magnet Kit Contains: 1 #042-143-00 Magnet (black wire) 1 #027-009-00 Magnet Clip 1 #046-080-00 Magnet Spring (before 7/16) 1 #046-175-00 Magnet Spring (after 7/16)
10	046-007-00	2	Adjuster Slot Plug
11	046-016-00	1	Wire Grommet
12	007-271-00	4	Brake Mounting Bolt - Press-in
*13	006-017-00	4	Brake Mounting Nut

ns - not shown

* Not included with complete brake assembly. Item sold separately.

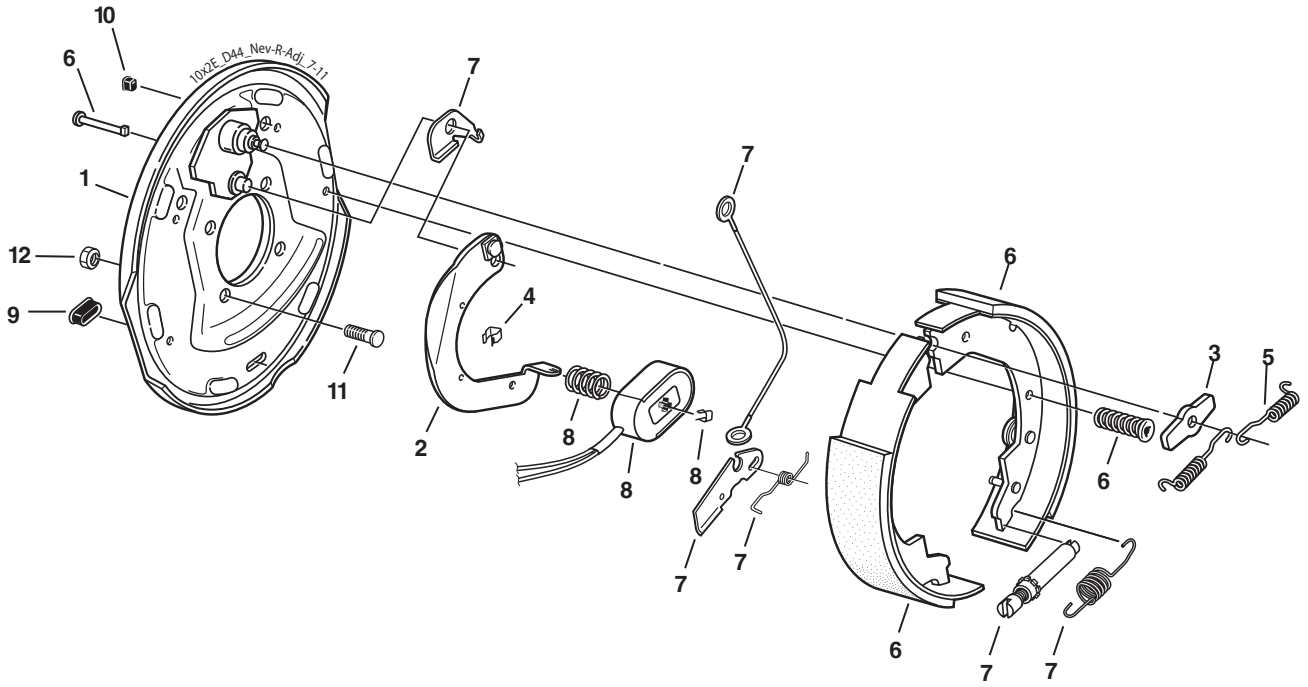
Electric Brake
New Style After 5/1/09

Item	Part No.	Qty/Brk	Description
0	K23-462-00	1	LH Complete Brake Assembly (shown)
0	K23-463-00	1	RH Complete Brake Assembly
1	036-019-19	1	Backing Plate Assembly
2	047-019-05	1	LH Actuating Lever Arm
2	047-020-05	1	RH Actuating Lever Arm
3	005-067-00	1	Washer
4	027-005-00	2	Wire Clip
5	046-009-00	2	Retractor Spring
6	K71-672-00	1	Shoe & Lining Kit Contains: 1 #040-361-00 Primary Shoe & Lining 1 #040-362-00 Secondary Shoe & Lining 2 #049-002-00 Shoe Hold Down Pin #8 2 #046-077-00 Shoe Hold Down Spring & Cup
7	043-004-00	1	Adjuster Assembly
8	046-018-00	1	Adjusting Screw Spring
9	K71-125-00	1	Magnet Kit Contains: 1 #042-143-00 Magnet (black wire) 1 #027-009-00 Magnet Clip 1 #046-080-00 Magnet Spring
10	046-007-00	2	Adjuster Slot Plug
11	046-016-00	1	Wire Grommet
12	007-271-00	4	Brake Mounting Bolt - Press-in
*13	006-017-00	4	Brake Mounting Nut

* Not included with complete brake assembly. Item sold separately.

D44 10" x 2¼" Nev-R-Adjust® Electric Brake

CSA approved at 4400#/13.0 SLR



Electric Brake

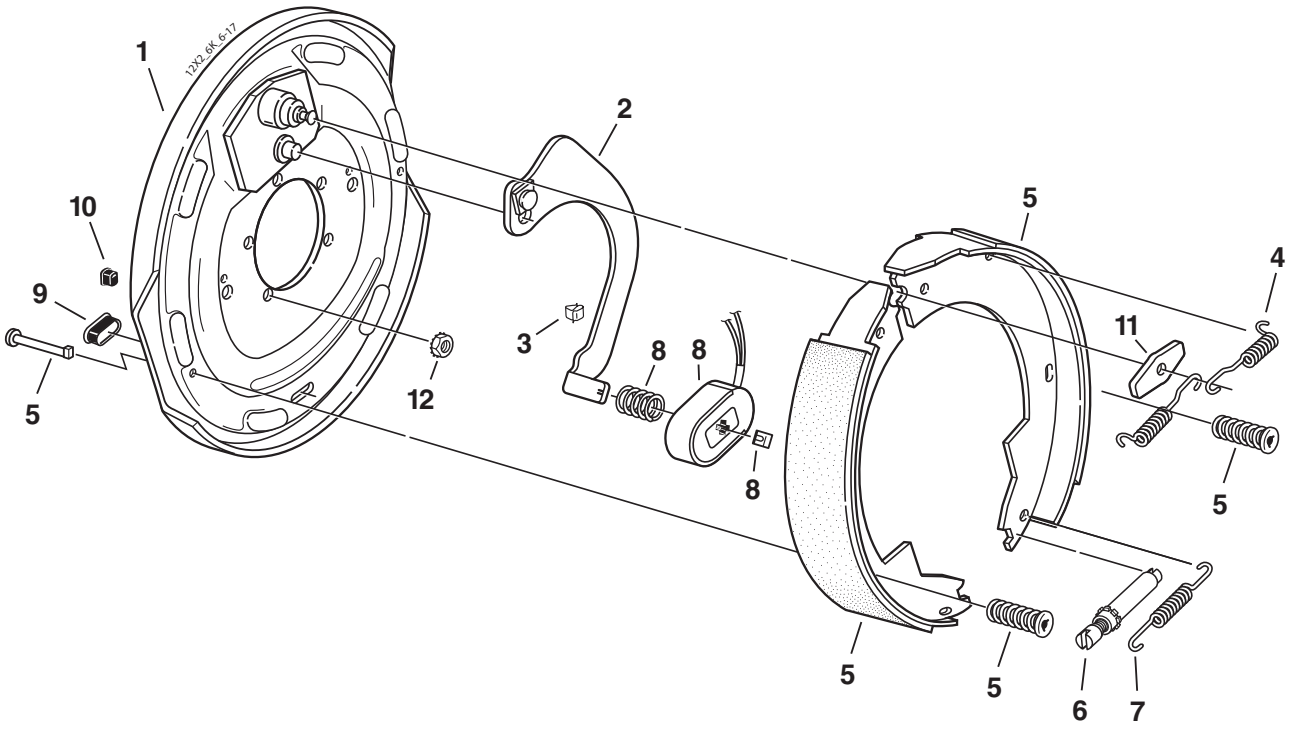
Item	Part No.	Qty/Brk	Description
0	K23-478-00	1	LH Complete Brake Assembly (shown)
0	K23-479-00	1	RH Complete Brake Assembly
1	036-019-19	1	Backing Plate Assembly
2	047-019-10	1	LH Actuating Lever Arm
2	047-020-10	1	RH Actuating Lever Arm
3	005-067-00	1	Washer
4	027-011-00	2	Wire Clip
5	046-009-00	2	Retractor Spring
6	K71-698-00	1	LH Shoe & Lining Kit Contains: 1 #040-379-00 Primary Shoe & Lining 1 #040-380-01 Secondary Shoe & Lining 2 #049-002-00 Shoe Hold Down Pin #8 2 #046-077-00 Shoe Hold Down Spring & Cup
6	K71-699-00	1	RH Shoe & Lining Kit Contains: 1 #040-379-00 Primary Shoe & Lining 1 #040-380-02 Secondary Shoe & Lining 2 #049-002-00 Shoe Hold Down Pin #8 2 #046-077-00 Shoe Hold Down Spring & Cup
7	K71-703-00	1	LH & RH Brake Adjuster Kit Contains: 2 #046-139-00 Adjusting Screw Spring 1 #046-140-00 LH Lever Spring 1 #046-141-00 RH Lever Spring 1 #048-022-00 LH Adjuster Assembly 1 #048-023-00 RH Adjuster Assembly 2 #071-529-00 Hook for Cable 1 #071-532-01 LH Adjusting Lever 1 #071-532-02 RH Adjusting Lever 2 #071-533-00 Adjuster Cable 1 #071-655-01 LH Cable Lever 1 #071-655-02 RH Cable Lever 2 #071-656-00 Adjuster Cable
8	K71-125-00	1	Magnet Kit Contains: 1 #042-143-00 Magnet (black wire) 1 #027-009-00 Magnet Clip 1 #046-080-00 Magnet Spring (before 7/16) 1 #046-175-00 Magnet Spring (after 7/16)
9	046-007-00	2	Adjuster Slot Plug
10	046-016-00	1	Wire Grommet
11	007-271-00	4	Brake Mounting Bolt - Press-in
*12	006-017-00	4	Brake Mounting Nut

* Not included with complete brake assembly. Item sold separately.

This brake will not fit axles produced prior to 5/1/09.

D52, D60 12" x 2" Electric Brake

CSA approved at 6000#/14.2 SLR



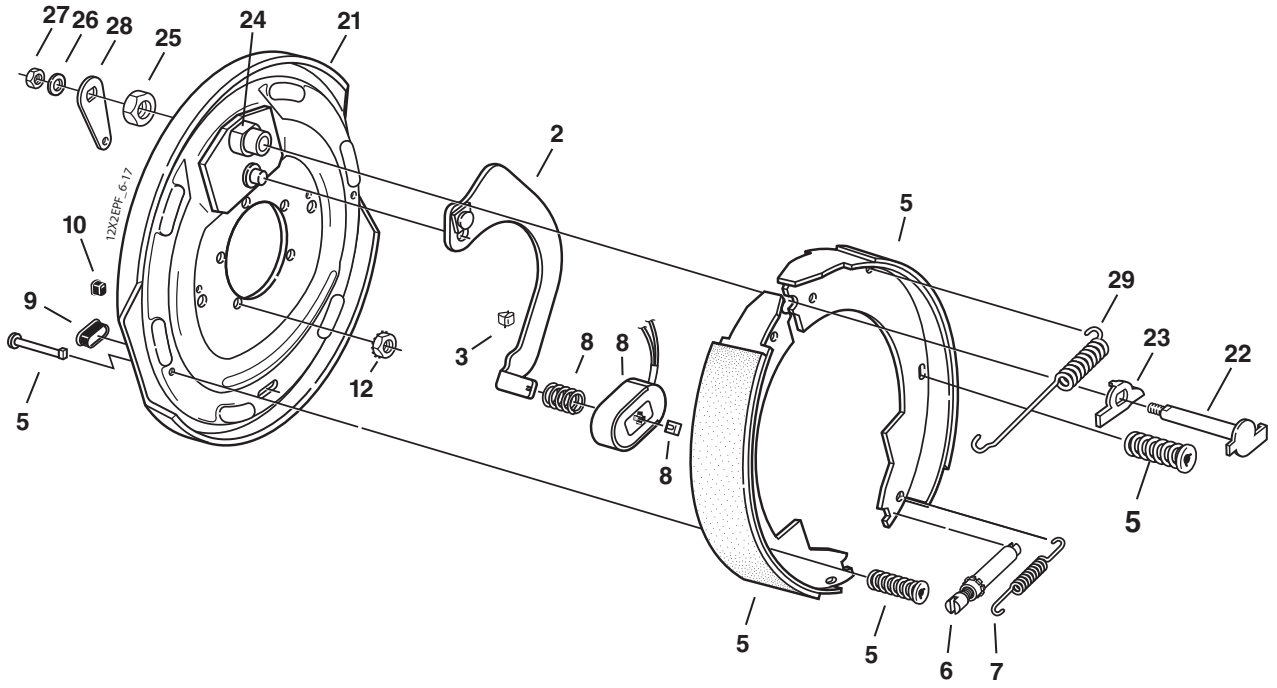
Electric Brake 6000# (CSA 6000#)

Item	Part No.	Qty/Brk	Description
0	K23-105-00	1	LH Complete Brake Assembly
0	K23-106-00	1	RH Complete Brake Assembly (shown)
1	036-089-10	1	Backing Plate Assembly
2	047-107-05	1	LH Actuating Lever Arm Assembly
2	047-108-05	1	RH Actuating Lever Arm Assembly
3	027-005-00	2	Wire Clip
4	046-009-00	2	Retractor Spring
5	K71-127-00	1	Shoe & Lining Kit Contains: 1 #040-215-00 Primary Shoe & Lining 1 #040-216-00 Secondary Shoe & Lining 2 #049-011-00 Shoe Hold Down Pin #2 2 #046-077-00 Shoe Hold Down Spring & Cup
6	043-004-00	1	Adjuster Assembly
7	046-018-00	1	Adjusting Screw Spring
8	K71-105-00	1	Magnet Kit Contains: 1 #042-149-00 Magnet (white wire) 1 #027-009-00 Magnet Clip 1 #046-080-00 Magnet Spring (before 7/16) 1 #046-175-00 Magnet Spring (after 7/16)
9	046-007-00	2	Adjuster Slot Plug
10	046-016-00	1	Wire Grommet
11	005-067-00	1	Anchor Post Washer
*12	006-193-00	5	Nut Washer Assembly

* Not included with complete brake assembly. Item sold separately.

D52, D60 12" x 2" Electric Brake With Parking Feature

CSA approved at 6000#/14.2 SLR



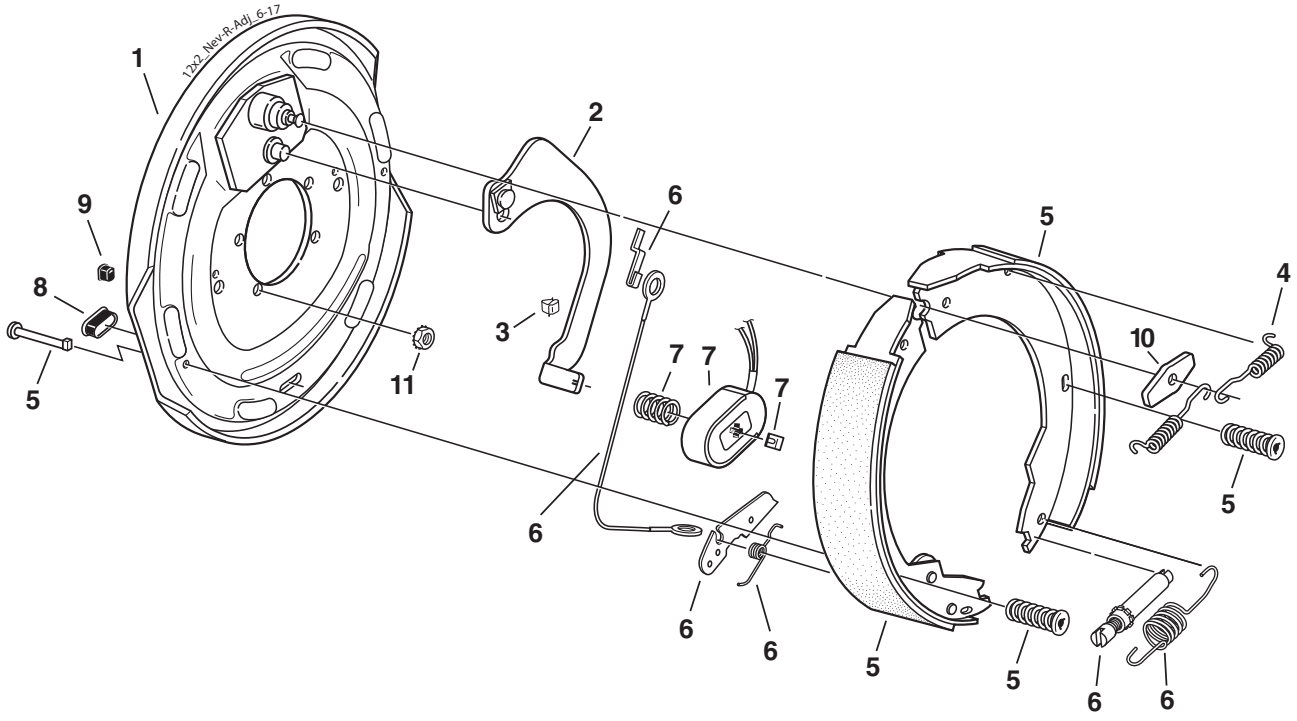
Electric Parking Brake 6000# (CSA 6000#)

Item	Part No.	Qty/Brk	Description
0	K23-112-00	1	LH Complete Brake Assembly
0	K23-113-00	1	RH Complete Brake Assembly (shown)
2	047-107-05	1	LH Actuating Lever Arm Assembly
2	047-108-05	1	RH Actuating Lever Arm Assembly
3	027-005-00	2	Wire Clip
5	K71-127-00	1	Shoe & Lining Kit Contains: 1 #040-215-00 Primary Shoe & Lining 1 #040-216-00 Secondary Shoe & Lining 2 #049-011-00 Shoe Hold Down Pin #2 2 #046-077-00 Shoe Hold Down Spring & Cup
6	043-004-00	1	Adjuster Assembly
7	046-018-00	1	Adjusting Screw Spring
8	K71-105-00	1	Magnet Kit Contains: 1 #042-149-00 Magnet (white wire) 1 #027-009-00 Magnet Clip 1 #046-080-00 Magnet Spring (before 7/16) 1 #046-175-00 Magnet Spring (after 7/16)
9	046-007-00	2	Adjuster Slot Plug
10	046-016-00	1	Wire Grommet
*12	006-193-00	5	Nut Washer Assembly
20	036-089-08	1	LH Backing Plate Assembly Complete (includes #21-28)
20	036-089-09	1	RH Backing Plate Assembly Complete (includes #21-28)
21	036-089-06	1	LH Backing Plate Assembly
21	036-089-07	1	RH Backing Plate Assembly
22	039-025-00	1	LH Pivot Pin & Cam Sub-Assembly
22	039-026-00	1	RH Pivot Pin & Cam Sub-Assembly
23	039-048-00	1	LH Actuating Cam
23	039-049-00	1	RH Actuating Cam
24	038-068-00	1	Anchor Post & Bushing Sub-Assembly
25	006-047-00	1	Anchor Post Locknut
26	005-041-00	1	Washer
27	006-011-00	1	Pivot Pin Locknut
28	047-070-00	1	Parking Brake Lever
29	046-005-00	1	Retractor Spring

* Not included with complete brake assembly. Item sold separately.

D52, D60 12" x 2" Nev-R-Adjust® Electric Brake

CSA approved at 6000#/14.2 SLR

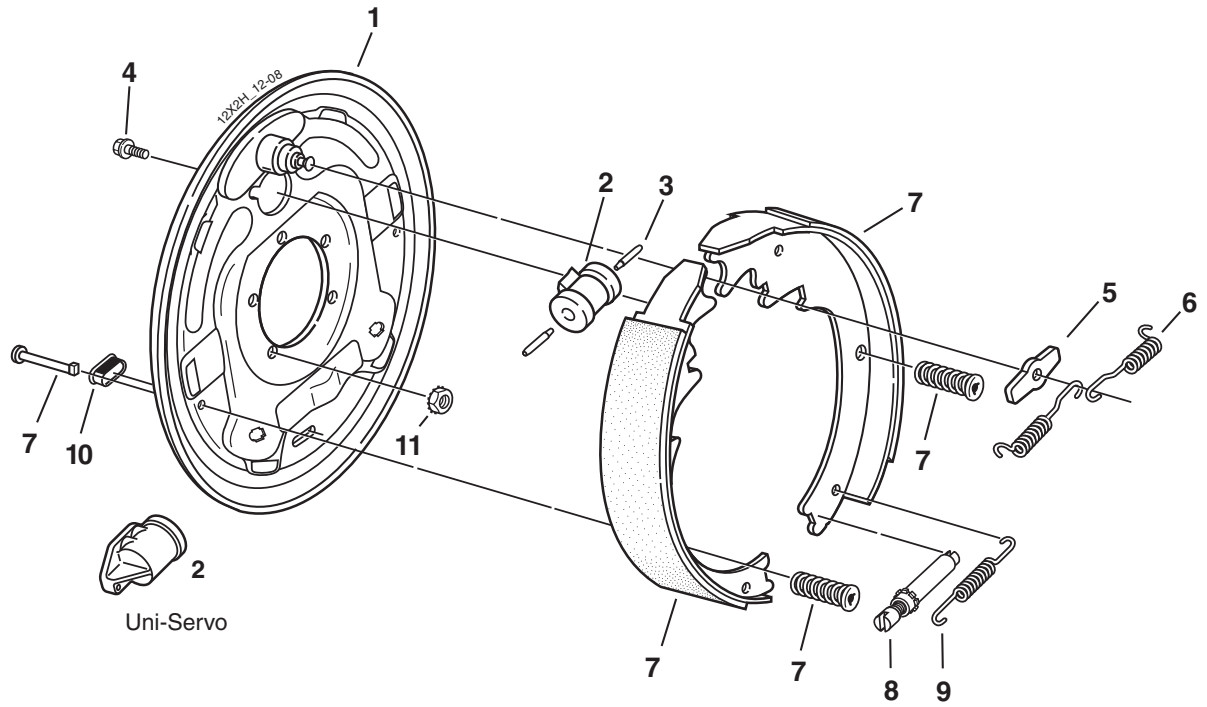


Electric Brake 6000# (CSA 6000#)

Item	Part No.	Qty/Brk	Description
0	K23-458-00	1	LH Complete Brake Assembly
0	K23-459-00	1	RH Complete Brake Assembly (shown)
1	036-089-10	1	Backing Plate Assembly
2	047-107-05	1	LH Actuating Lever Arm Assembly
2	047-108-05	1	RH Actuating Lever Arm Assembly
3	027-005-00	2	Wire Clip
4	046-009-00	2	Retractor Spring
5	K71-675-00	1	LH Shoe & Lining Kit Contains: 1 #040-215-00 Primary Shoe & Lining 1 #040-216-01 Secondary Shoe & Lining 2 #049-011-00 Shoe Hold Down Pin #2 2 #046-077-00 Shoe Hold Down Spring & Cup
5	K71-676-00	1	RH Shoe & Lining Kit Contains: 1 #040-215-00 Primary Shoe & Lining 1 #040-216-02 Secondary Shoe & Lining 2 #049-011-00 Shoe Hold Down Pin #2 2 #046-077-00 Shoe Hold Down Spring & Cup
6	K71-679-00	1	LH & RH Brake Adjuster Kit Contains: 2 #046-139-00 Adjusting Screw Spring 1 #046-140-00 LH Lever Spring 1 #046-141-00 RH Lever Spring 1 #048-022-00 LH Adjuster Assembly 1 #048-023-00 RH Adjuster Assembly 2 #071-528-00 Adjuster Cable 2 #071-529-00 Hook for Cable 1 #071-530-01 LH Adjusting Lever 1 #071-530-02 RH Adjusting Lever
7	K71-105-00	1	Magnet Kit Contains: 1 #042-149-00 Magnet (white wire) 1 #027-009-00 Magnet Clip 1 #046-080-00 Magnet Spring (before 7/16) 1 #046-175-00 Magnet Spring (after 7/16)
8	046-007-00	2	Adjuster Slot Plug
9	046-016-00	1	Wire Grommet
10	005-067-00	1	Anchor Post Washer
*11	006-193-00	5	Nut Washer Assembly

* Not included with complete brake assembly. Item sold separately.

D52, D60 12" x 2" Hydraulic Brake



Note: Uni-Servo brakes to be used with surge actuator

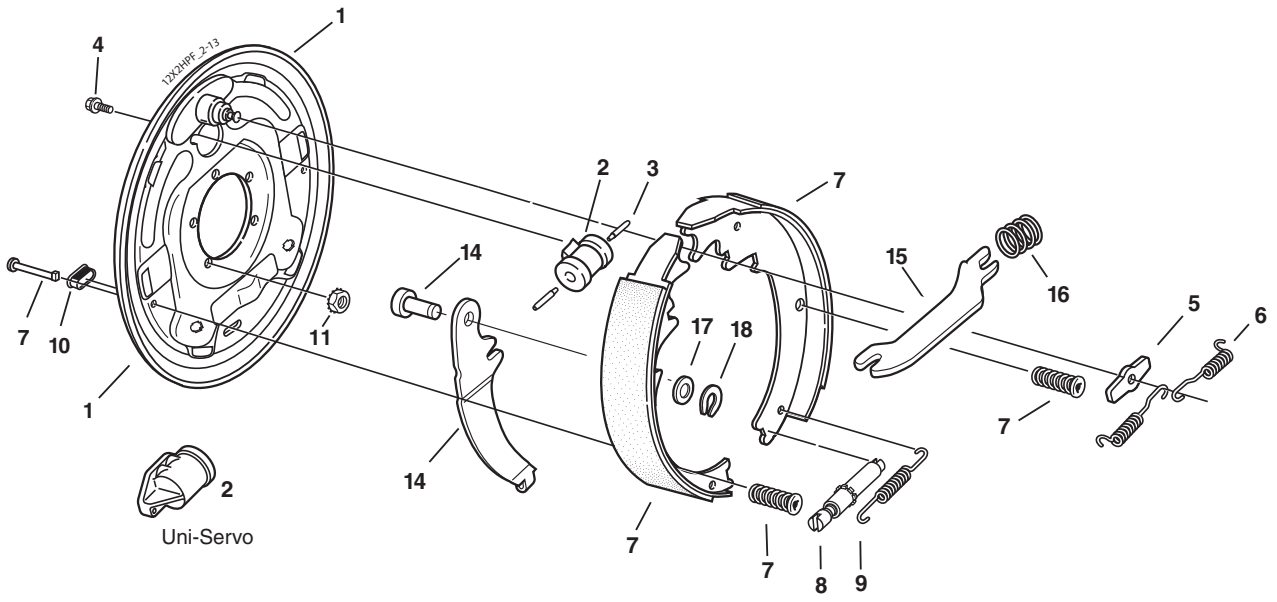
Hydraulic Brake 5200#

Item	Part No.	Qty/Brk	Description
0	K23-322-00	1	LH Complete Brake Assembly-DS
0	K23-323-00	1	RH Complete Brake Assembly-DS (shown)
0	K23-324-00	1	LH Complete Brake Assembly-US
0	K23-325-00	1	RH Complete Brake Assembly-US (shown)
1	036-093-03	1	Backing Plate Assembly
2	054-062-00	1	LH Brake Cylinder Duo-Servo
2	054-063-00	1	RH Brake Cylinder Duo-Servo
2	054-064-00	1	LH Brake Cylinder Uni-Servo
2	054-065-00	1	RH Brake Cylinder Uni-Servo
3	054-060-00	1 or 2	Cylinder Push Rod US (1) DS (2)
4	087-001-00	2	Sems (screw & washer assembly)
5	005-113-00	1	Anchor Post Washer
6	046-101-00	2	Retractor Spring
7	K71-268-00	1	Shoe & Lining Kit Contains: 1 #040-204-00 Primary Shoe & Lining 1 #040-206-00 Secondary Shoe & Lining 2 #046-077-00 Shoe Hold Down Spring & Cup 2 #049-012-00 Shoe Hold Down Pin #4
8	043-029-00	1	Adjuster Assembly
9	046-102-00	1	Adjusting Screw Spring
10	046-007-00	1	Adjuster Slot Plug
*11	006-193-00	5	Nut Washer Assembly
ns	054-089-00	1	Bleeder Screw (included with item #2)

ns - not shown

* Not included with complete brake assembly. Item sold separately.

D52, D60 12" x 2" Hydraulic Brake With Parking Feature



Note: Uni-Servo brakes to be used with surge actuator

Hydraulic Parking Brake 5200#

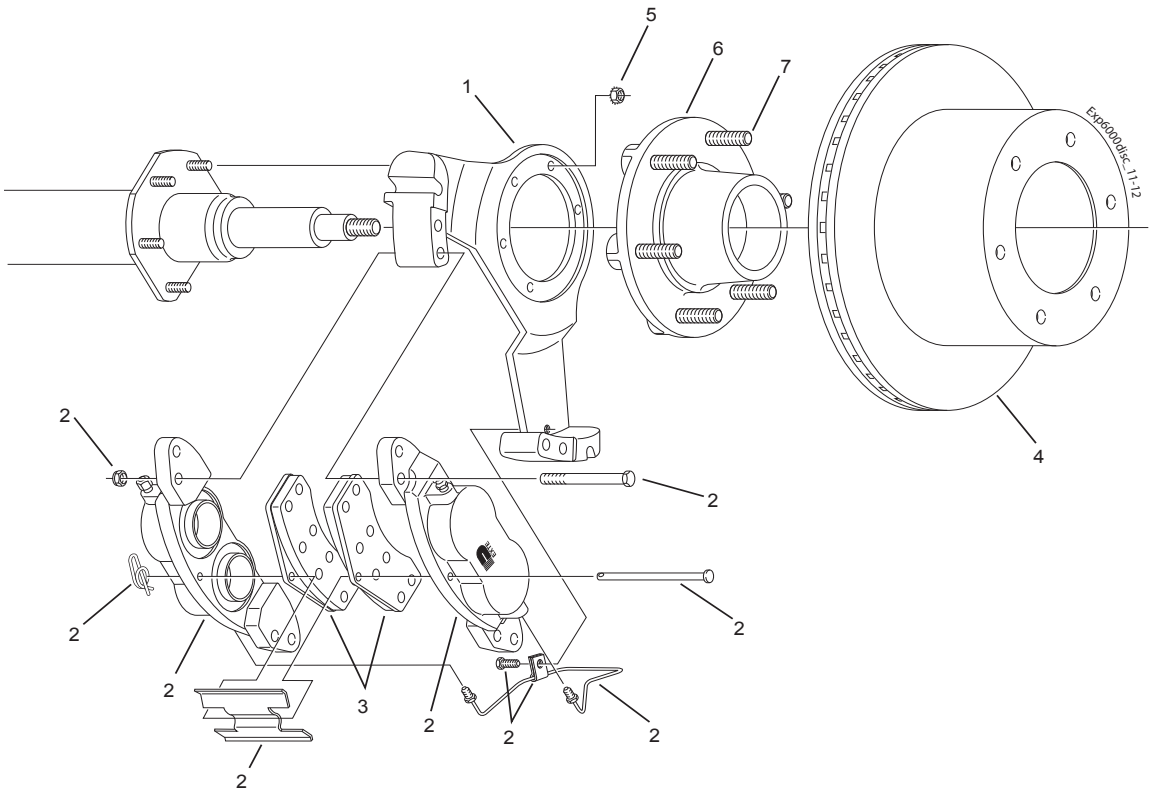
Item	Part No.	Qty/Brk	Description
0	K23-318-00	1	LH Complete Brake Assembly-DS
0	K23-319-00	1	RH Complete Brake Assembly-DS (shown)
0	K23-320-00	1	LH Complete Brake Assembly-US
0	K23-321-00	1	RH Complete Brake Assembly-US (shown)
1	036-093-19	1	LH Backing Plate Assembly
1	036-093-20	1	RH Backing Plate Assembly
2	054-062-00	1	LH Brake Cylinder Duo-Servo
2	054-063-00	1	RH Brake Cylinder Duo-Servo
2	054-064-00	1	LH Brake Cylinder Uni-Servo
2	054-065-00	1	RH Brake Cylinder Uni-Servo
3	054-060-00	1 or 2	Cylinder Push Rod US (1) DS (2)
4	087-001-00	2	Sems (screw & washer assembly)
5	005-113-00	1	Anchor Post Washer
6	046-101-00		Retractor Spring
7	K71-268-00	1	Shoe & Lining Kit Contains: 1 #040-204-00 Primary Shoe & Lining 1 #040-206-00 Secondary Shoe & Lining 2 #046-077-00 Shoe Hold Down Spring & Cup 2 #049-012-00 Shoe Hold Down Pin #4
8	043-029-00	1	Adjuster Assembly
9	046-102-00	1	Adjusting Screw Spring
10	046-007-00	1	Adjuster Slot Plug
*11	006-193-00	5	Nut Washer Assembly
14	047-110-01	1	LH Parking Lever and Pin
14	047-111-01	1	RH parking Lever and Pin
15	047-109-00	1	Parking Strut
16	046-103-00	1	Parking Strut Spring
17	005-112-00	1	Spring Tension Washer
18	069-055-00	1	Retainer
ns	054-089-00	1	Bleeder Screw (included with item #2)
*ns	071-515-00	1	Park Brake Cable

ns - not shown

* Not included with complete brake assembly. Item sold separately.

D52, D60 Disc Brake for 6,000 Lb. Axles

CSA approved at 6000#/14.3 SLR



Disc Brake 6000#

Item	Part No.	Qty/Brk	Description
1	090-005-01	1	LH Anchor Yoke
1	090-005-02	1	RH Anchor Yoke (shown)
2	K71-636-00	1	Caliper Assembly Kit for LH or RH Contains: 4 006-045-00 Caliper Mounting Nut 4 007-254-00 Caliper Mounting Bolt 1 019-019-00 Cotter Ring 1 027-060-00 Tube Clamp 1 046-145-00 Anti-Rattle Spring 1 054-092-00 Bleeder Screw 1 054-094-00 Adapter Fitting 1 056-038-00 Pad Retaining Pin 1 071-513-00 Cross Over Hydraulic Line (yokes without notch) 1 071-517-00 Cross Over Hydraulic Line (yokes with notch) 1 087-002-00 Hex Bolt 2 089-005-06 Assembled Caliper Half
3	K71-629-00	1	Brake Pad Kit (axle set)
4	K71-637-00	1	Rotor Kit
5	006-193-00	5	⅜" Brake Mounting Nut-Washer Assembly

Disc Brake 6000# With 42MM Nev-R-Lube®

Item	Part No.	Qty/Brk	Description
1	090-006-01	1	LH Anchor Yoke
1	090-006-02	1	RH Anchor Yoke
2	K71-636-00	1	Caliper Assembly Kit for LH or RH Contains: 4 006-045-00 Caliper Mounting Nut 4 007-254-00 Caliper Mounting Bolt 1 019-019-00 Cotter Ring 1 027-060-00 Tube Clamp 1 046-145-00 Anti-Rattle Spring 1 054-092-00 Bleeder Screw 1 054-094-00 Adapter Fitting 1 056-038-00 Pad Retaining Pin 1 071-513-00 Cross Over Hydraulic Line (yokes without notch) 1 071-517-00 Cross Over Hydraulic Line (yokes with notch) 1 087-002-00 Hex Bolt 2 089-005-06 Assembled Caliper Half
3	K71-629-00	1	Brake Pad Kit (axle set)
4	K71-637-00	1	Rotor Kit
5	006-193-00	5	⅜" Brake Mounting Nut-Washer Assembly

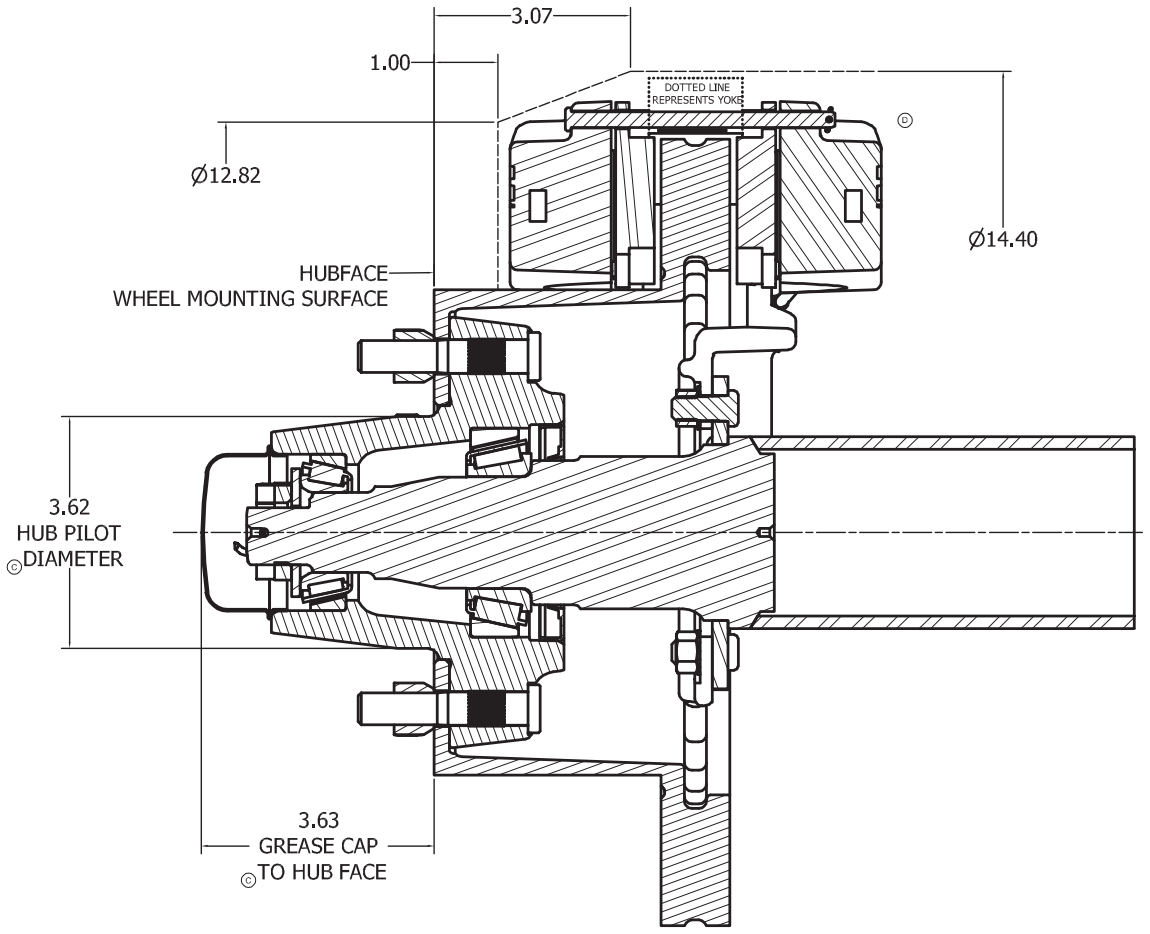
Disc Brake Hubs & Studs

Item	Part No.	Qty/Brk	Description
6	008-403-05	1	Grease ½" Studs 6 on 5.50
7	007-262-00	6	½-20 x 2.70" Press-in Stud (hubs after 2/09)

Nev-R-Lube® Disc Brake Hubs

Item	Part No.	Qty/Brk	Description
6	008-404-80	1	½" Studs, 42mm 6 on 5.50
7	007-262-00	6	½-20 x 2.70" Press-in Stud (hubs after 2/09)

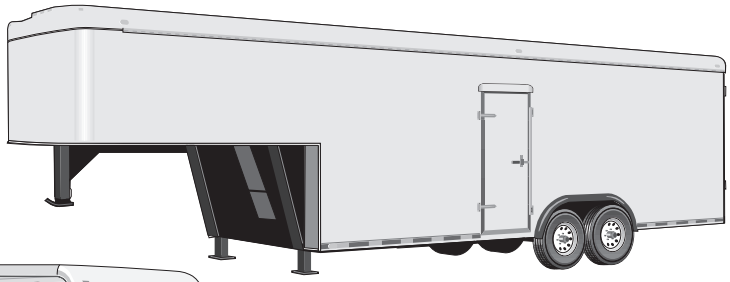
Recommended Wheel Clearance for 6,000 Lb. Disc Brake



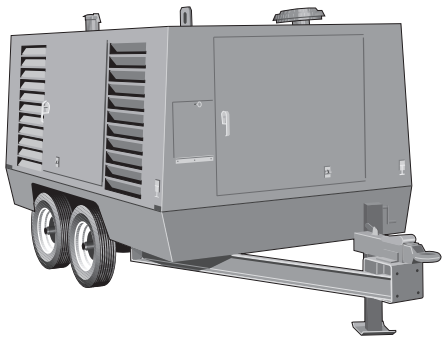
CAUTION: The above hub/rotor profile shows the minimum clearance needed to insure that no part of the wheel makes contact with any brake component.

Make sure the wheel is in full contact with the hub face and does not drag against the brake caliper. If there is not full contact with the hub face, you may experience a dangerous wheel separation.

General Applications







Axle Types

5500-7000 Lbs. Capacity

- Complete service manual
- Precision machined, forged steel spindles
- Precision machined integral cast iron hub/drums
- 8-bolt and 5 bolt (UTG) hubs available
- Standard grease; optional oil bath; E-Z Lube® or Nev-R-Lube® option
- Press-in wheel studs (8-bolt)
- 12" x 2" electric brakes, CSA approved at 7000 lbs., 12" x 2" hydraulic brakes
- Brakes are available with and without parking feature
- Hydraulic free backing brakes available
- Hydraulic brakes - uni-servo and duo-servo available
- Optional hot dipped galvanized axle beam
- Optional GAL-DEX® coated cast iron hub

D60 & D70 LEAF SPRING



- High quality alloy steel springs in a variety of capacities
- Single, tandem, or triple axle assemblies with equalized suspensions
- Slipper spring or double eye leaf spring suspension
- Optional hanger and attaching parts kits available
- Durable, wear-resistant components
- Inner wiring system for easier installation and protection of brake wiring
- Heavy wall 3" diameter tube
- Straight or Drop spindles (4" drop only)
- Optional stainless steel wear sleeves for grease seal journal
- Available in drop center V-bend axle beam
- 5 year limited warranty

12 12T TORFLEX®

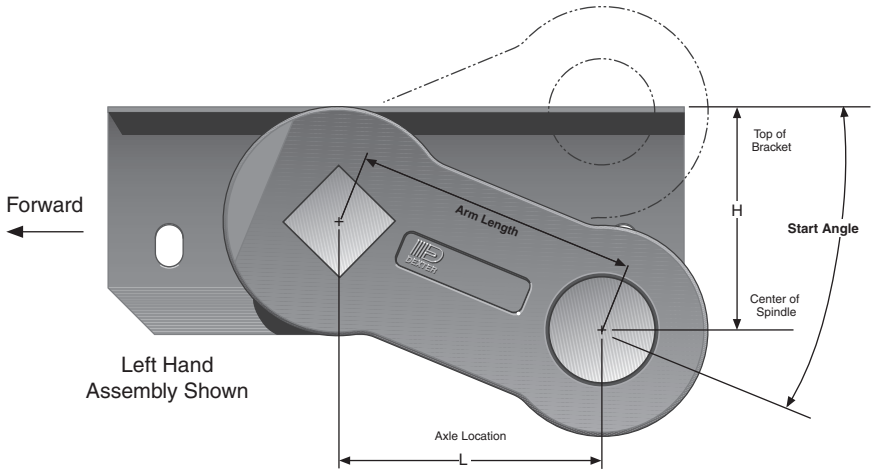


- Totally rubber-cushioned for smooth, quiet, independent ride
- Easy installation with less maintenance
- Less transfer of road shock which insulates cargo from road shocks and vibration
- Self-damping action
- Load-carrying cross member
- Rubber cords compounded for maximum dependability and durability
- Independent wheel suspension system
- 10 year limited warranty on Torflex® suspension system
- Low profile for maximum road clearance
- Various starting angles to control trailer height
- High and low profile brackets with optional mounting brackets are available
- Rubber cushioning eliminates metal-to-metal contact
- Shock absorption provided by the natural hysteresis of rubber
- Single or tandem axle assemblies
- Durable, wear-resistant components
- Optional stainless steel wear sleeves for grease seal journal
- Available in drop center V-bend axle beam

CAUTION: Triple axle assemblies are NOT recommended for #12 Torflex® axles, however the #12T Torflex® axle is designed for triple applications.

12 Articulation Dimensions

Dimensions are for top mount only. Side mount is .31" higher. Allow 3" bump clearance from full load.



		No Load		Full Load		Shock Load	
Start Angle	**Bracket Profile**	**H**	**L**	**H**	**L**	**H**	**L**
45° Down	Low	6.24	4.24	4.30	5.54	3.17	5.88
	High	6.99	4.24	5.05	5.54	3.92	5.88
32° Down	Low	5.18	5.09	2.99	5.92	1.82	6.00
	High	5.93	5.09	3.74	5.92	2.57	6.00
22.5° Down	Low	4.30	5.54	2.00	6.00	0.83	5.88
	High	5.05	5.54	2.75	6.00	1.58	5.88
10° Down	Low	3.04	5.91	0.70	5.86	-0.42	5.49
	High	3.79	5.91	1.45	5.86	0.33	5.49
0°	Low	2.00	6.00	-0.30	5.54	-1.33	4.99
	High	2.75	6.00	0.45	5.54	-0.58	4.99
10° Up	Low	0.96	5.91	-1.22	5.06	-2.15	4.33
	High	1.71	5.91	-0.47	5.06	-1.40	4.33
22.5° Up	Low	-0.30	5.54	-2.24	4.24	-2.99	3.33
	High	0.45	5.54	-1.49	4.24	-2.24	3.33

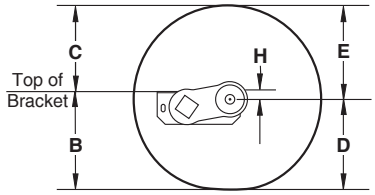
H = Height
L = Length

Note: Positive numbers in the H column indicate the spindle is BELOW the top of the bracket. Conversely, negative numbers are ABOVE the top of the bracket.

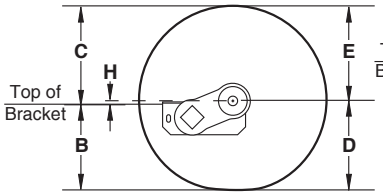
Torflex® Application Information

12 Full Load Dimensions

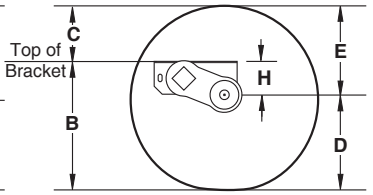
Dimensions are for low profile, top mount only. High profile brackets are .75" higher. Side mount is .31" higher. Allow 3" bump clearance from full load.



10° Dn, 0°



10° Up, 22.5° Up



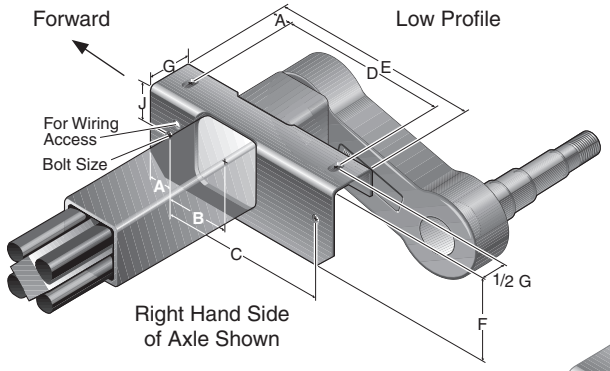
22.5° Dn, 45° DN

Start Angle

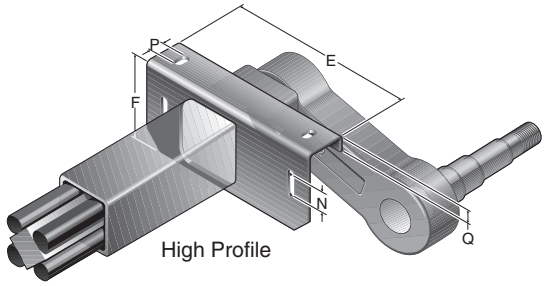
Tire	45° Down					32° Down					22.5° Down		
	D	E	H	B	C	D	E	H	B	C	H	B	C
LT235/85R16	14.3	15.4	4.3	18.6	11.1	14.3	15.4	3.0	17.3	12.4	2.0	16.3	13.4
7.50-16LT	14.9	16.7	4.3	19.2	12.4	14.9	16.7	3.0	17.9	13.7	2.0	16.9	14.7
9.50-16.5LT	14.1	15.2	4.3	18.4	10.9	14.1	15.2	3.0	17.1	12.2	2.0	16.1	13.2

Columns D and E are dimensional examples only:
D – Static Loaded Radius
E – Inflated Radius

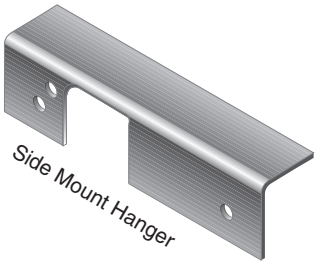
Tire	10° Down			0°			10° Up			22.5° Up		
	H	B	C	H	B	C	H	B	C	H	B	C
LT235/85R16	0.7	15.0	14.7	-0.3	14.0	15.7	-1.2	13.1	16.6	-2.2	12.1	17.6
7.50-16LT	0.7	15.6	16.0	-0.3	14.6	17.0	-1.2	13.7	17.9	-2.2	12.7	18.9
9.50-16.5LT	0.7	14.8	14.5	-0.3	13.8	15.5	-1.2	12.9	16.4	-2.2	11.9	17.4



Right Hand Side
of Axle Shown



High Profile



#12 Bracket Dimensions

	Low	High
A	1.25	1.25
B	3.50	3.50
C	9.50	9.50
D	9.00	9.00
E	12.00	12.00
F	4.37	5.12
G	2.50	2.50
J	2.06	2.06
N	----	1.03
P	----	1.00
Q	----	1.00
Bolt Size	⅝" bolt	
Tube Size	3.50	3.50

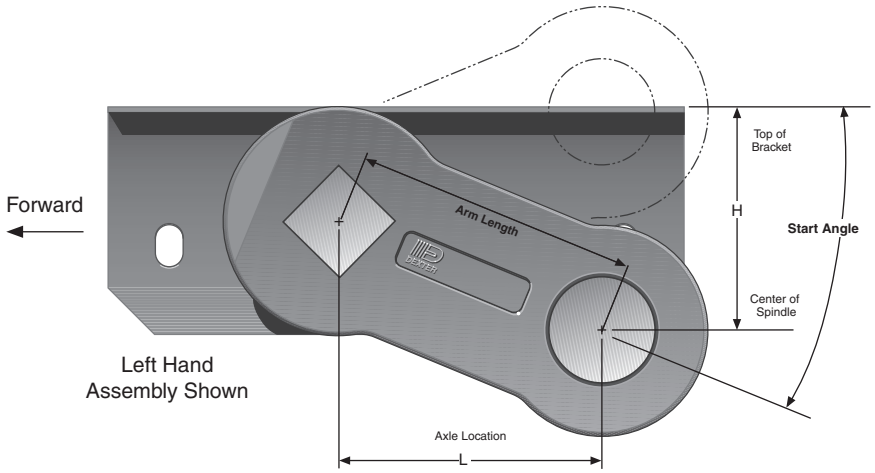
#12 Overhang Per Side

Spindle	Min.	Max.
Short	7.00"	15.20"
Standard	7.50"	15.20"

12T

Articulation Dimensions

Dimensions are for top mount only. Side mount is .31" higher. Allow 3" bump clearance from full load.



		No Load		Full Load		Shock Load	
Start Angle	**Bracket Profile**	**H**	**L**	**H**	**L**	**H**	**L**
45° Down	Low	6.49	4.24	4.55	5.54	3.42	5.88
	High	7.18	4.24	5.24	5.54	4.11	5.88
32° Down	Low	5.43	5.09	3.24	5.92	2.07	6.00
	High	6.12	5.09	3.93	5.92	2.76	6.00
22.5° Down	Low	4.55	5.54	2.25	6.00	1.08	5.88
	High	5.24	5.54	2.94	6.00	1.77	5.88
10° Down	Low	3.29	5.91	0.95	5.86	-0.17	5.49
	High	3.98	5.91	1.64	5.86	0.52	5.49
0°	Low	2.25	6.00	-0.05	5.54	-1.08	4.99
	High	2.94	6.00	0.64	5.54	-0.39	4.99
10° Up	Low	1.21	5.91	-0.97	5.06	-1.90	4.33
	High	1.90	5.91	-0.28	5.06	-1.21	4.33
22.5° Up	Low	-0.05	5.54	-1.99	4.24	-2.74	3.33
	High	0.64	5.54	-1.30	4.24	-2.05	3.33

H = Height
L = Length

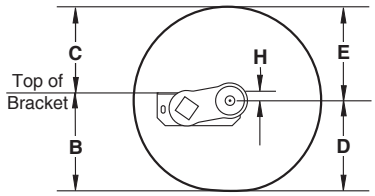
Note: Positive numbers in the H column indicate the spindle is BELOW the top of the bracket. Conversely, negative numbers are ABOVE the top of the bracket.

Torflex® Application Information

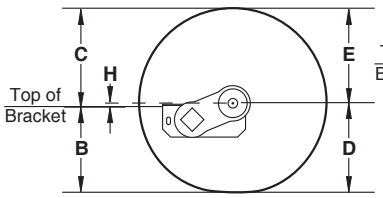
Full Load Dimensions

12T

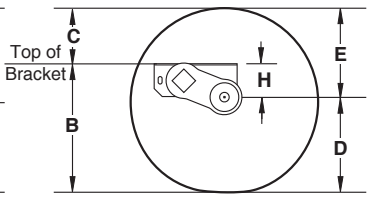
Dimensions are for low profile, top mount only. High profile brackets are .75" higher. Side mount is .31" higher. Allow 3" bump clearance from full load.



10° Dn, 0°



10° Up, 22.5° Up



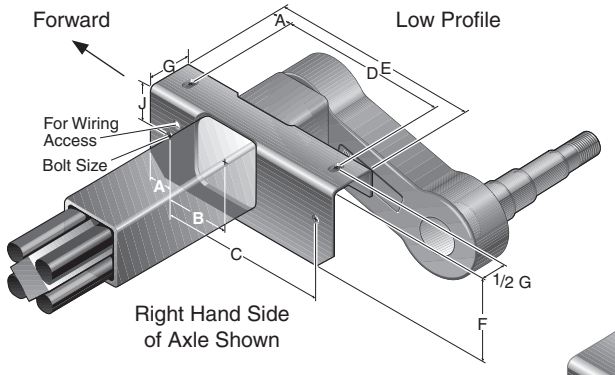
22.5° Dn, 45° DN

Start Angle

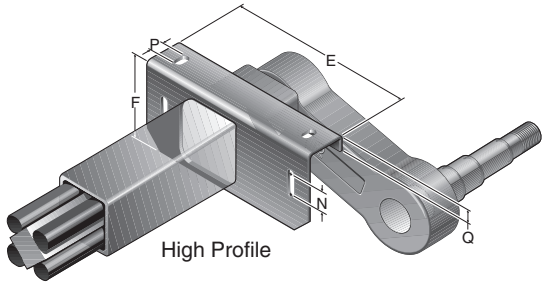
Tire	45° Down					32° Down					22.5° Down		
	D	E	H	B	C	D	E	H	B	C	H	B	C
10R17.5HC	15.6	18.0	4.6	20.2	13.4	15.6	18.0	3.2	18.8	14.8	2.3	17.9	15.7
215/75R17.5	14.0	15.3	4.6	18.6	10.7	14.0	15.3	3.2	17.2	12.1	2.3	16.3	13.0
12-16.5LT	14.9	15.8	4.6	19.5	11.2	14.9	15.8	3.2	18.1	12.6	2.3	17.2	13.5
9.50-16.5LT	14.1	15.2	4.6	18.7	10.6	14.1	15.2	3.2	17.3	12.0	2.3	16.4	12.9
9R17.5HC	15.4	17.1	4.6	20.0	12.5	15.4	17.1	3.2	18.6	13.9	2.3	17.7	14.8

Columns D and E are dimensional examples only:
- D – Static Loaded Radius
- E – Inflated Radius

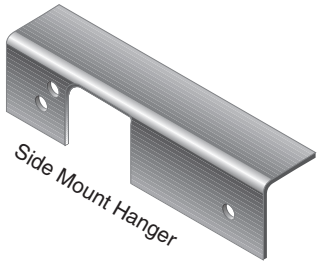
Tire	10° Down			0°			10° Up			22.5° Up		
	H	B	C	H	B	C	H	B	C	H	B	C
10R17.5HC	1.0	16.6	17.0	-0.1	15.5	18.1	-1.0	14.6	19.0	-2.0	13.6	20.0
215/75R17.5	1.0	15.0	14.3	-0.1	13.9	15.4	-1.0	13.0	16.3	-2.0	12.0	17.3
12-16.5LT	1.0	15.9	14.8	-0.1	14.8	15.9	-1.0	13.9	16.8	-2.0	12.9	17.8
9.50-16.5LT	1.0	15.1	14.2	-0.1	14.0	15.3	-1.0	13.1	16.2	-2.0	12.1	17.2
9R17.5HC	1.0	16.4	16.1	-0.1	15.3	17.2	-1.0	14.4	18.1	-2.0	13.4	19.1



Right Hand Side of Axle Shown



High Profile



#12T Bracket Dimensions

	Low	High
A	1.22	1.22
B	3.63	3.63
C	10.56	10.56
D	10.56	10.56
E	13.00	13.00
F	4.81	5.50
G	2.50	2.50
J	2.25	2.25
L	7.26	7.26
P	----	1.00
Q	----	1.00
Bolt Size	5⁄8" bolt	
Tube Size	3.88	3.88

#12T Overhang Per Side

Spindle	Min.	Max.
Short	7.00"	15.20"
Standard	7.50"	15.20"

Leaf Spring Application Information

Double Eye Springs

For Standard 33" Axle Spacing
Single A/P-122-00
Tandem A/P-233-00
Triple A/P-335-00

	Spring Length 21"	24"	26"
A	19.62	23.50	25.75
B	25.00	27.50	29.50
C	28.75	31.00	33.00
D	10.62	12.00	13.00
E	28.75	31.00	33.00

For Optional 35" Axle Spacing
Tandem A/P-264-00
Triple A/P-364-00

	Spring Length 21"	24"	26"
B	26.00	28.50	30.50
C	30.80	33.00	35.00
D	10.62	12.00	13.00
E	30.80	33.00	35.00

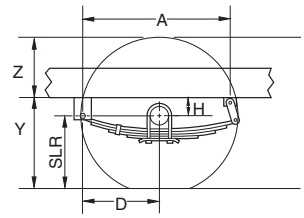
D60 Overhang Per Side

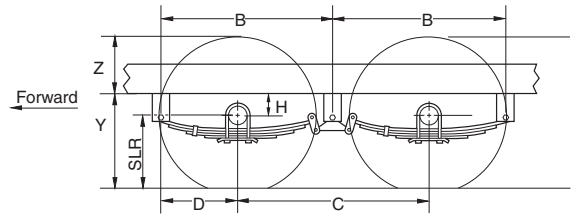
	Min.	Disc*	Max.
Straight	6.63"	9.00"	10.00"
4" Drop	7.87"	N/A	9.50"
Nev-R-Lube®	6.19"	9.00"	10.00"

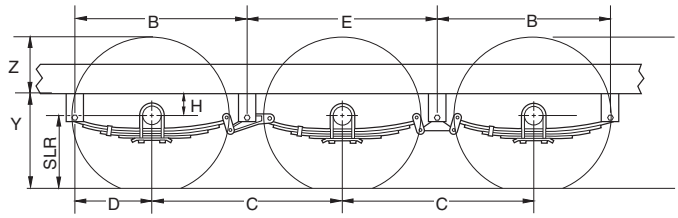
* Minimum overhang with disc brakes

D70 Overhang Per Side

	Min.	Max.
Straight	6.63"	9.00"
4" Drop	7.87"	9.00"
Nev-R-Lube®	6.37"	9.00"
Disc	8.00"	9.00"







Double Eye Axle Assemblies

Hanger Kits

Part No.	Description	Height	Quantity Per Kit HGR-104-00	HGR-105-00	HGR-248-00	HGR-249-00	HGR-348-00
028-005-00	Hanger	3.25"	2	----	4	2	4
028-006-00	Front Hanger	1.44"	----	2	----	----	----
029-008-00	Front Hanger	2.06"	----	----	----	4	----
029-031-00	Center Hanger	3.62"	----	----	2	----	4
030-020-00	Rear Hanger	.91"	2	2	----	----	----

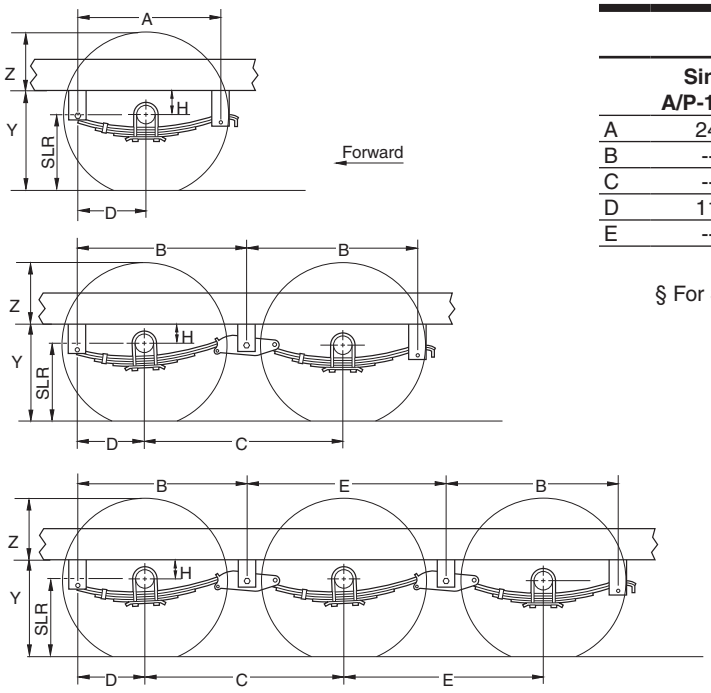
Attaching Parts Kits

Part No.	Description	A/P-122-00	A/P-233-00	A/P-264-00†	A/P-335-00	A/P-364-00†
006-092-01	Flange Locknut	6	14	14	22	22
007-126-00	Shackle Bolt	2	6	6	10	10
013-104-02	Equalizer	----	2	----	2	----
013-105-02	Equalizer	----	----	----	2	----
013-122-02	Equalizer	----	----	2	----	2
013-126-02	Equalizer	----	----	----	----	2
018-011-00	Shackle Link	----	4	4	6	6
018-012-00	Shackle Link, Long	2	----	----	----	----
018-020-00	Shackle Link Assembly	----	4	4	6	6
018-021-00	Shackle Link Assembly, Long	2	----	----	----	----

† For 35" axle spacing using 26" springs

Note: Common A/P kits are available in marine grade coating.

Leaf Spring Application Information



Slipper Springs

	Single	Tandem		Triple	
	A/P-103-00	A/P-202-00§	A/P-216-00‡	A/P-302-00§	A/P-316-00‡
A	24.0	----	----	----	----
B	----	28.8	30.4	28.8	30.4
C	----	33.5	36.0	33.5	36.0
D	11.5	11.5	11.5	11.5	11.5
E	----	----	----	33.0	35.0

Note: All 2" wide slipper springs

§ For 33.5" axle spacing ‡ For 36" axle spacing

A, B, E – Hanger Spacing
C – Axle Spacing
D – Axle Location
H – Center of Spindle
Y – Frame Height
Z – Top of Tire to Bottom of Frame
SLR – Static Load Radius

To determine these values, contact your local sales engineer or distributor to run ProSpec™.

Slipper Spring Axle Assemblies

Hanger Kits

			Quantity Per Kit		
Part No.	Description	Height	HGR-110-00	HGR-202-00	HGR-302-00
028-001-00	Front Hanger	4.25"	2	2	2
029-001-00	Center Hanger	3.50"	----	2	4
030-028-00	Rear Hanger	4.00"	2	2	2

Attaching Parts Kits

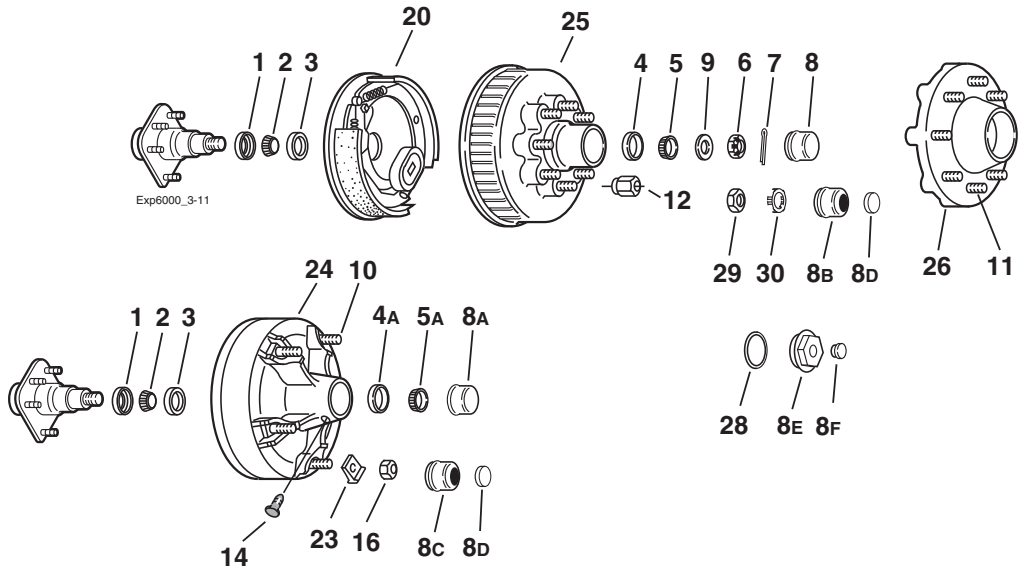
Part No.	Description	A/P-103-00	A/P-202-00§	A/P-216-00‡	A/P-302-00§	A/P-316-00‡
006-007-01	9/16-18 Locknut	2	4	4	6	6
006-011-00	Keeper Nut	2	4	4	6	6
006-111-00	Equalizer Nut	----	2	2	4	4
007-001-01	Equalizer Bolt	----	2	2	4	4
007-007-00	Keeper Bolt	2	4	4	6	6
007-017-00	Spring Eye Bolt	2	4	4	6	6
013-004-00	Equalizer	----	2	----	4	----
013-044-01	Equalizer	----	----	2	----	4

§ For 33.5" axle spacing
‡ For 36" axle spacing

Note: Common A/P kits are available in marine grade coating.

Some combinations of hangers and spring mountings may result in insufficient bump clearance. Refer to the Miscellaneous section for additional hanger kits, A/P kits, or other tires.

865 and Demountable Hub Group



Grease Lube Parts

Item	Part No.	Description
1	010-036-00	E-Z Lube® Seal 2.25"
2	031-030-02	25580 Inner Bearing Cone
3	031-030-01	25520 Inner Bearing Cup
4	031-017-01	14276 Outer Bearing Cup - 865 Hub
4A	031-029-01	15245 Outer Bearing Cup - Demountable
5	031-017-02	14125A Outer Bearing Cone - 865 Hub
5A	031-029-02	15123 Outer Bearing Cone - Demountable
6	006-176-00	Spindle Nut
7	019-002-00	Cotter Pin (not used with E-Z Lube®)
8	021-039-00	Grease Cap - 865 Hub
8A	021-001-00	Grease Cap - Demountable
8B	021-043-01	Grease Cap for E-Z Lube® - 865 Hub
8B	021-043-02	Grease Cap E-Z Lube® Chrome Option - 865 Hub
8C	021-042-01	Grease Cap for E-Z Lube® - Demountable
8C	021-042-02	Grease Cap for E-Z Lube® Chrome Option - Dem.
8D	085-001-00	E-Z Lube® Rubber Plug
9	005-057-00	Spindle Washer
16	006-005-00	9/16-18 Nut for Rim Clamp
23	015-002-00	Rim Clamp
29	006-191-00	Special Jam Nut for E-Z Lube® (after 2002)
30	006-190-00	Spindle Nut Retainer for E-Z Lube® (after 2002)

Oil Lube Parts

Item	Part No.	Description
1	010-063-00	Oil Seal 2.25"
2	031-030-02	25580 Inner Bearing cone
3	031-030-01	25520 Inner Bearing Cup
4	031-017-01	14276 Outer Bearing Cup - 865 Hub
4	031-029-01	15245 Outer Bearing Cup - Demountable
5	031-029-02	15123 Outer Bearing Cone
5	031-017-02	14125A Outer Bearing Cone
6	006-176-00	Spindle Nut
7	019-002-00	Cotter Pin
8E	021-035-00	Oil Cap - 865 Hub
ns	021-040-00	Oil Cap - Demountable
8F	046-032-00	Oil Cap Plug
9	005-057-00	Spindle Washer
14	046-052-00	Oil Filler Plug - 865 and Demountable
ns	046-032-00	Oil Cap Plug
16	006-005-00	9/16-18 Nut for Rim Clamp
23	015-002-00	Rim Clamp
28	010-045-00	865 'O' Ring
ns	010-059-00	Demountable 'O' Ring

Note: Spindle is not available for resale.

ns - not shown

6 on 5.5 hubs are available on these axles.
See section in 4100-6000 lbs. capacity.

Hubs

Item	Part No.	Description	Bolt Circle
Hubs/Drums			
24	008-174-05	Grease 9/16" Stud	Demountable
24	008-174-06	Oil 9/16" Stud	Demountable
25	008-219-04	Grease 1/2" Stud	8 on 6.50
25	008-219-04	Grease 1/2" Stud GAL-DEX® coated	8 on 6.50
25	008-219-13	Grease 9/16" Stud	8 on 6.50
25	008-219-18	Grease 5/8" Stud	8 on 6.50
25	008-219-09	Oil 1/2" Stud	8 on 6.50
25	008-219-20	Oil 9/16" Stud	8 on 6.50
25	008-219-26	Oil 5/8" Stud	8 on 6.50
Plain Hubs			
26	008-231-09	Grease 1/2" Stud	8 on 6.50
26	008-231-09	Grease 1/2" Stud GAL-DEX® coated	8 on 6.50
26	008-231-18	Grease 9/16" Stud	8 on 6.50
26	008-231-20	Grease 5/8" Stud	8 on 6.50
26	008-231-16	Oil 1/2" Stud	8 on 6.50

Brakes

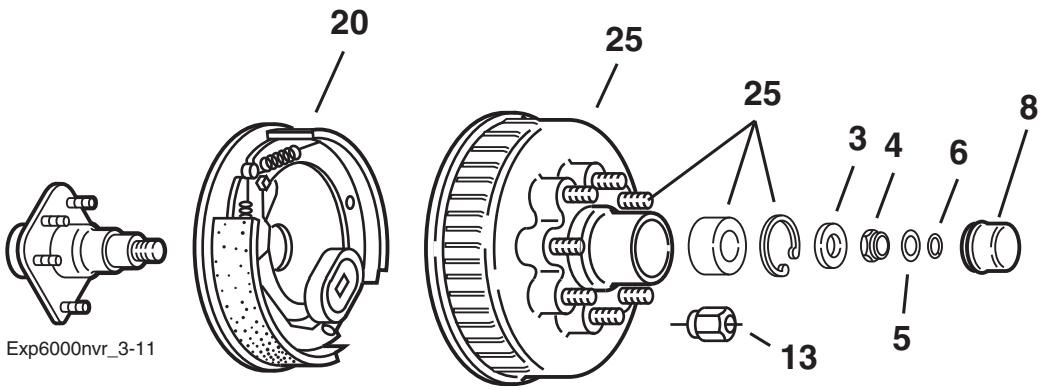
Item	Part No.	Description
20	K23-105-00/K23-106-00	LH/RH Electric 6K CSA
ns	K23-112-00/K23-113-00	LH/RH Electric w/park 6K CSA
ns	K23-180-00/K23-181-00	LH/RH Electric 7K
ns	K23-338-00/K23-339-00	LH/RH Hydraulic Uni-servo 7K
ns	K23-334-00/K23-335-00	LH/RH Hydraulic Uni-servo 7K w/park
ns	K23-336-00/K23-337-00	LH/RH Hydraulic Duo-servo 7K
ns	K23-332-00/K23-333-00	LH/RH Hydraulic Duo-servo 7K w/park
ns	K23-342-00/K23-343-00	LH/RH Hydraulic Uni-servo 7K FB
ns	K23-340-00/K23-341-00	LH/RH Hydraulic Uni-servo 7K FB w/park
ns	K23-342-01/K23-343-01	LH/RH Hydraulic Uni-servo 7K FB
ns	K23-340-01/K23-341-01	LH/RH Hydraulic Uni-servo 7K FB w/park
ns	K23-458-00/K23-459-00	LH/RH Electric Nev-R-Adjust®

Studs & Wheel Nuts

Item	Part No.	Description
10	025-011-00	9/16-18 Stud - UTG
11	007-122-00	1/2-20 x 1.84 Long Press-in Stud* (hubs before 1/04)
11	007-262-00	1/2-20 x 2.70 Long Press-in Stud* (hubs after 1/04)
12	006-080-00	1/2-20 60° Cone Nut
ns	007-132-00	9/16-18 Press-in Stud
ns	006-053-00	9/16-18 60° Cone Nut
ns	007-232-00	5/8-18 Press-in Stud
ns	006-109-00	5/8-18 90° Cone Nut

* Stud length measured under head to end of stud.

655 and 865 Nev-R-Lube® Hub Group



Exp6000nvr_3-11

Nev-R-Lube® Parts

Item	Part No.	Description
ns	005-147-01	Spindle Washer, 42mm
3	005-149-00	Spindle Washer, 50mm
4	006-183-00	Spindle Nut
5	092-002-00	Washer, Torque Label
6	069-096-00	Snap Ring
ns	021-085-00	Grease Cap, 42mm
8	021-086-00	Grease Cap, 50mm

12" x 2" Brakes

Item	Part No.	Description
20	K23-105-00/K23-106-00	LH/RH Electric
ns	K23-180-00/K23-181-00	LH/RH Electric 7K
ns	K23-338-00/K23-339-00	LH/RH Hydraulic Uni-servo, 7K
ns	K23-334-00/K23-335-00	LH/RH Hydraulic Uni-servo w/park, 7K
ns	K23-336-00/K23-337-00	LH/RH Hydraulic Duo-servo, 7K
ns	K23-332-00/K23-333-00	LH/RH Hydraulic Duo-servo w/park, 7K
ns	K23-342-00/K23-343-00	LH/RH Hydraulic Free Backing, 7K
ns	K23-340-00/K23-341-00	LH/RH Hydraulic 7K FB w/park
ns	K23-326-00/K23-327-00	LH/RH Electric 6K CSA
ns	K23-458-00/K23-459-00	LH/RH Electric Nev-R-Adjust®
ns	K23-466-00/K23-467-00	LH/RH Electric 6K CSA Nev-R-Adjust®

ns - not shown

Note: Spindle is not available for resale.

Hubs With Bearing and Wheel Studs

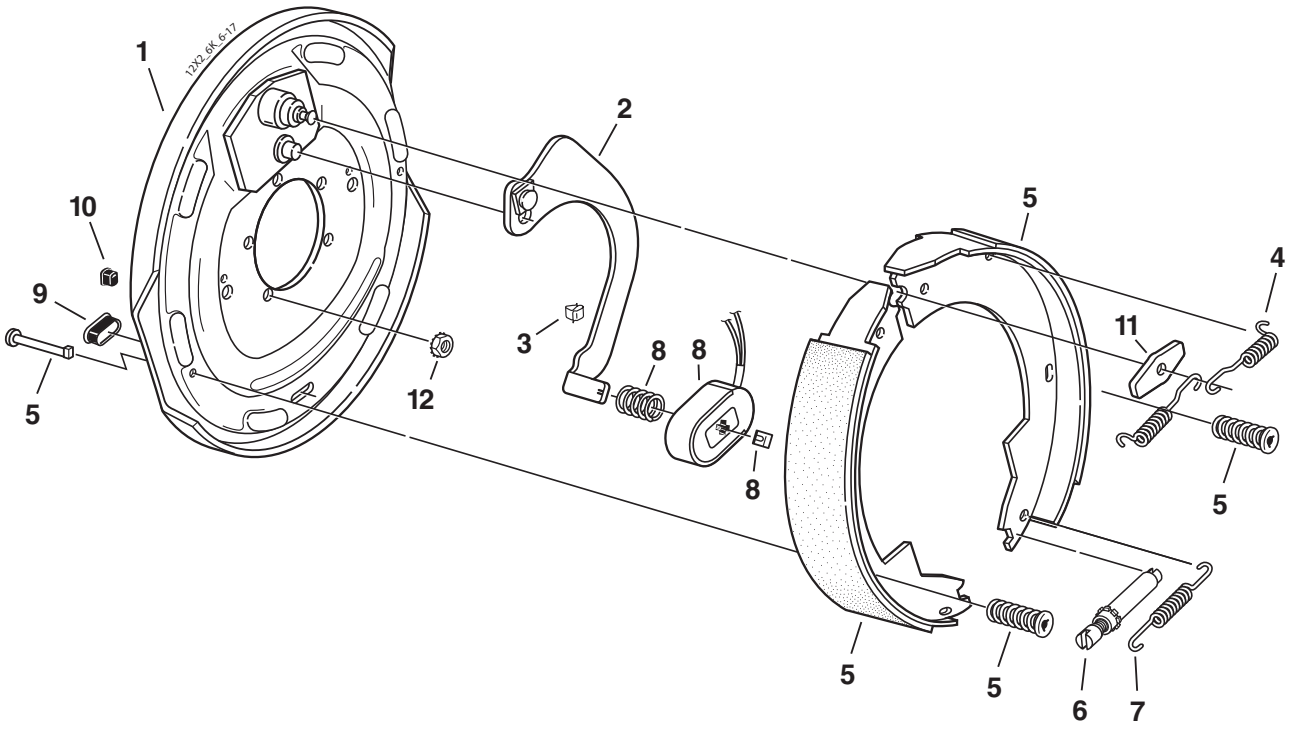
Item	Part No.	Description	Bolt Circle
ns	008-388-80	Hub and Drum includes: 007-122-00 ½-20 Press-in Studs 031-073-03 42mm Bearing Cartridge 069-095-00 Bearing Retainer	6 on 5.50
25	008-385-82	Hub and Drum includes: 007-122-00 ½-20 Press-in Studs 031-071-03 50mm Bearing Cartridge 069-093-00 Bearing Retainer	8 on 6.50
ns	008-385-81	Hub and Drum includes: 007-223-00 9/16-18 Press-in Studs 031-071-03 50mm Bearing Cartridge 069-093-00 Bearing Retainer	8 on 6.50
ns	008-385-80	Hub and Drum includes: 007-224-00 5/8-18 Press-in Studs 031-071-03 50mm Bearing Cartridge 069-093-00 Bearing Retainer	8 on 6.50

Wheel Nuts

Item	Part No.	Description
13	006-080-00	½-20 60° Cone Nut
ns	006-053-00	9/16-18 60° Cone Nut
ns	006-109-00	5/8-18 90° Cone Nut

12" x 2" 6K Electric Brake

CSA approved at 6000#/14.2 SLR



Electric Brake 6000# (CSA 6000#)

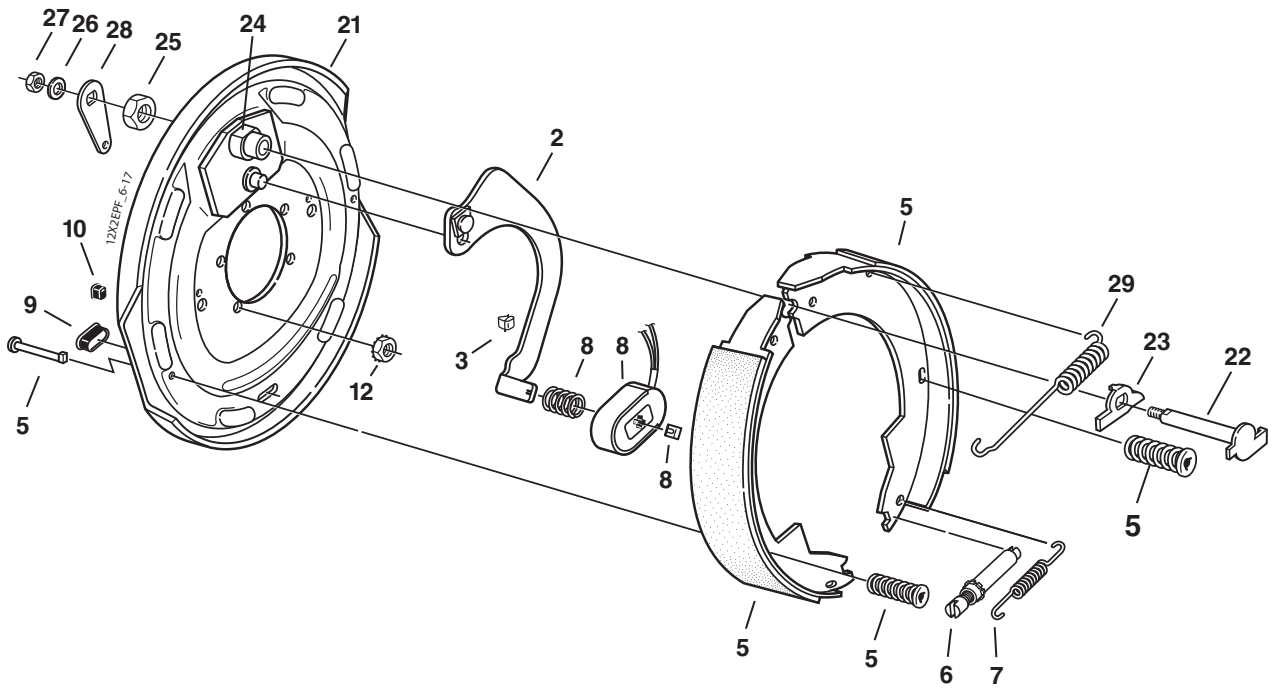
Item	Part No.	Qty/Brk	Description
0	K23-105-00	1	LH Complete Brake Assembly
0	K23-106-00	1	RH Complete Brake Assembly (shown)
1	036-089-10	1	Backing Plate Assembly
2	047-107-05	1	LH Actuating Lever Arm Assembly
2	047-108-05	1	RH Actuating Lever Arm Assembly
3	027-005-00	2	Wire Clip
4	046-009-00	2	Retractor Spring
5	K71-127-00	1	Shoe & Lining Kit Contains: 1 #040-215-00 Primary Shoe & Lining 1 #040-216-00 Secondary Shoe & Lining 2 #049-011-00 Shoe Hold Down Pin #2 2 #046-077-00 Shoe Hold Down Spring & Cup
6	043-004-00	1	Adjuster Assembly
7	046-018-00	1	Adjusting Screw Spring
8	K71-105-00	1	Magnet Kit Contains: 1 #042-149-00 Magnet (white wire) 1 #027-009-00 Magnet Clip 1 #046-080-00 Magnet Spring (before 7/16) 1 #046-175-00 Magnet Spring (after 7/16)
9	046-007-00	2	Adjuster Slot Plug
10	046-016-00	1	Wire Grommet
11	005-067-00	1	Anchor Post Washer
*12	006-193-00	5	Nut Washer Assembly

* Not included with complete brake assembly. Item sold separately.

These brakes are rated to a maximum capacity of 6000 lbs. / pair

12" x 2" 6K Electric Brake With Parking Feature

CSA approved at 6000#/14.2 SLR



Electric Parking Brake 6000# (CSA 6000#)

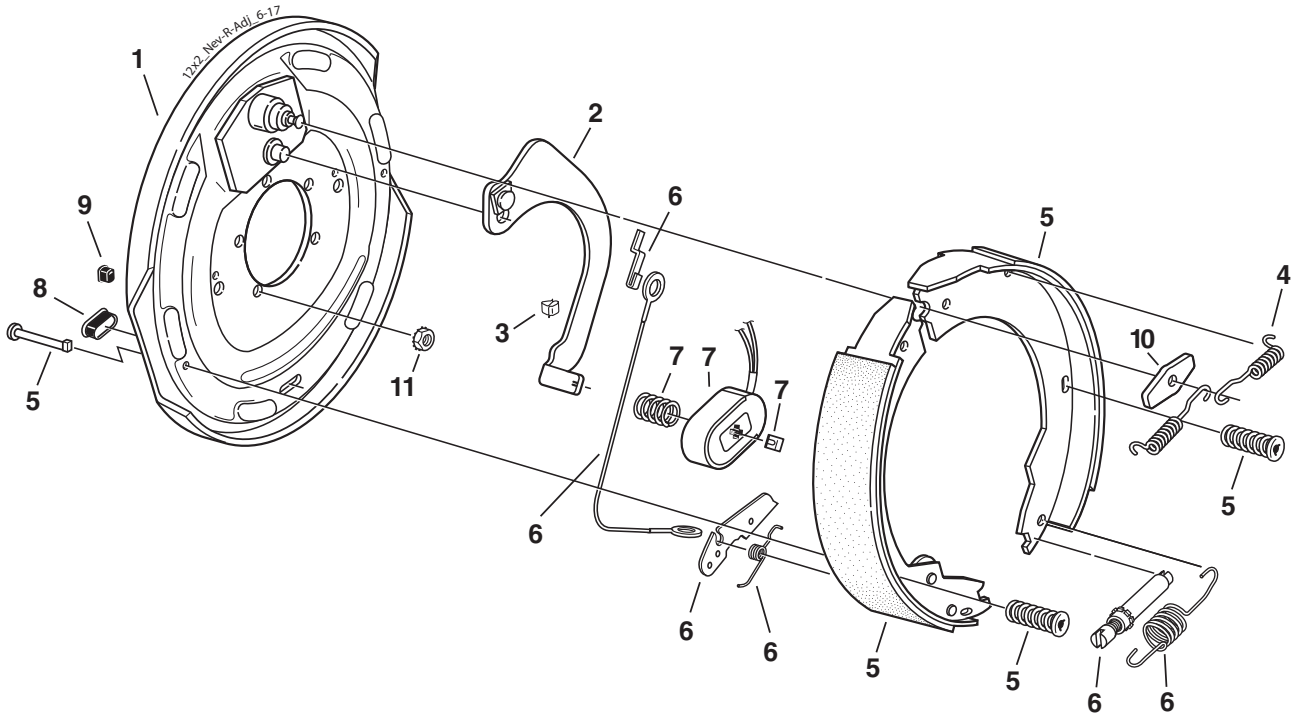
Item	Part No.	Qty/Brk	Description
0	K23-112-00	1	LH Complete Brake Assembly
0	K23-113-00	1	RH Complete Brake Assembly (shown)
2	047-107-05	1	LH Actuating Lever Arm Assembly
2	047-108-05	1	RH Actuating Lever Arm Assembly
3	027-005-00	2	Wire Clip
5	K71-127-00	1	Shoe & Lining Kit Contains: 1 #040-215-00 Primary Shoe & Lining 1 #040-216-00 Secondary Shoe & Lining 2 #049-011-00 Shoe Hold Down Pin #2 2 #046-077-00 Shoe Hold Down Spring & Cup
6	043-004-00	1	Adjuster Assembly
7	046-018-00	1	Adjusting Screw Spring
8	K71-105-00	1	Magnet Kit Contains: 1 #042-149-00 Magnet (white wire) 1 #027-009-00 Magnet Clip 1 #046-080-00 Magnet Spring (before 7/16) 1 #046-175-00 Magnet Spring (after 7/16)
9	046-007-00	2	Adjuster Slot Plug
10	046-016-00	1	Wire Grommet
*12	006-193-00	5	Nut Washer Assembly
20	036-089-08	1	LH Backing Plate Assembly Complete (includes #21-28)
20	036-089-09	1	RH Backing Plate Assembly Complete (includes #21-28)
21	036-089-06	1	LH Backing Plate Assembly
21	036-089-07	1	RH Backing Plate Assembly
22	039-025-00	1	LH Pivot Pin & Cam Sub-Assembly
22	039-026-00	1	RH Pivot Pin & Cam Sub-Assembly
23	039-048-00	1	LH Actuating Cam
23	039-049-00	1	RH Actuating Cam
24	038-068-00	1	Anchor Post & Bushing Sub-Assembly
25	006-047-00	1	Anchor Post Locknut
26	005-041-00	1	Washer
27	006-011-00	1	Pivot Pin Locknut
28	047-070-00	1	Parking Brake Lever
29	046-005-00	1	Retractor Spring

* Not included with complete brake assembly. Item sold separately.

These brakes are rated to a maximum capacity of 6000 lbs. / pair

12" x 2" 6K Nev-R-Adjust® Electric Brake

CSA approved at 6000#/14.2 SLR



Electric Brake 6000# (CSA 6000#)

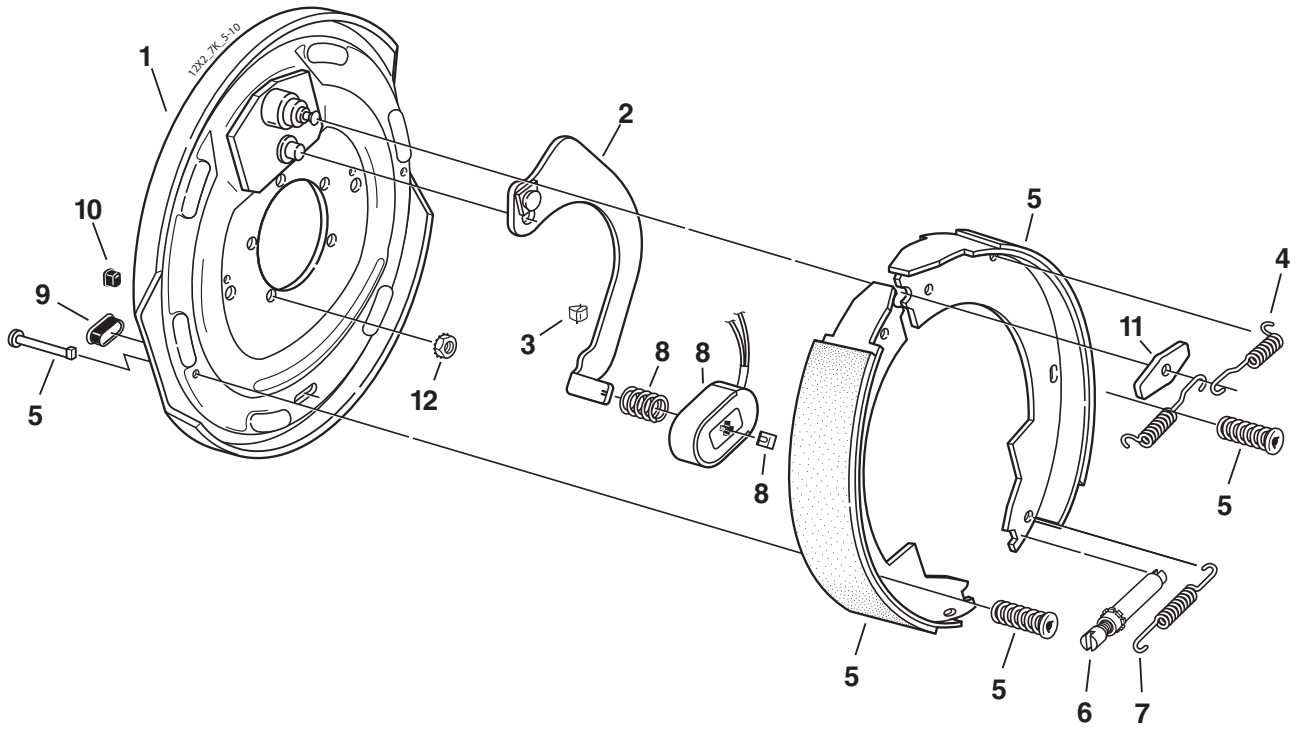
Item	Part No.	Qty/Brk	Description
0	K23-458-00	1	LH Complete Brake Assembly
0	K23-459-00	1	RH Complete Brake Assembly (shown)
1	036-089-10	1	Backing Plate Assembly
2	047-107-05	1	LH Actuating Lever Arm Assembly
2	047-108-05	1	RH Actuating Lever Arm Assembly
3	027-005-00	2	Wire Clip
4	046-009-00	2	Retractor Spring
5	K71-675-00	1	LH Shoe & Lining Kit Contains: 1 #040-215-00 Primary Shoe & Lining 1 #040-216-01 Secondary Shoe & Lining 2 #049-011-00 Shoe Hold Down Pin #2 2 #046-077-00 Shoe Hold Down Spring & Cup
5	K71-676-00	1	RH Shoe & Lining Kit Contains: 1 #040-215-00 Primary Shoe & Lining 1 #040-216-02 Secondary Shoe & Lining 2 #049-011-00 Shoe Hold Down Pin #2 2 #046-077-00 Shoe Hold Down Spring & Cup
6	K71-679-00	1	LH & RH Brake Adjuster Kit Contains: 2 #046-139-00 Adjusting Screw Spring 1 #046-140-00 LH Lever Spring 1 #046-141-00 RH Lever Spring 1 #048-022-00 LH Adjuster Assembly 1 #048-023-00 RH Adjuster Assembly 2 #071-528-00 Adjuster Cable 2 #071-529-00 Hook for Cable 1 #071-530-01 LH Adjusting Lever 1 #071-530-02 RH Adjusting Lever
7	K71-105-00	1	Magnet Kit Contains: 1 #042-149-00 Magnet (white wire) 1 #027-009-00 Magnet Clip 1 #046-080-00 Magnet Spring (before 7/16) 1 #046-175-00 Magnet Spring (after 7/16)
8	046-007-00	2	Adjuster Slot Plug
9	046-016-00	1	Wire Grommet
10	005-067-00	1	Anchor Post Washer
*11	006-193-00	5	Nut Washer Assembly

* Not included with complete brake assembly. Item sold separately.

12" x 2" 7K Electric Brake

5500 - 7000 LBS. CAPACITY

CSA approved at 7000#/13.8 SLR



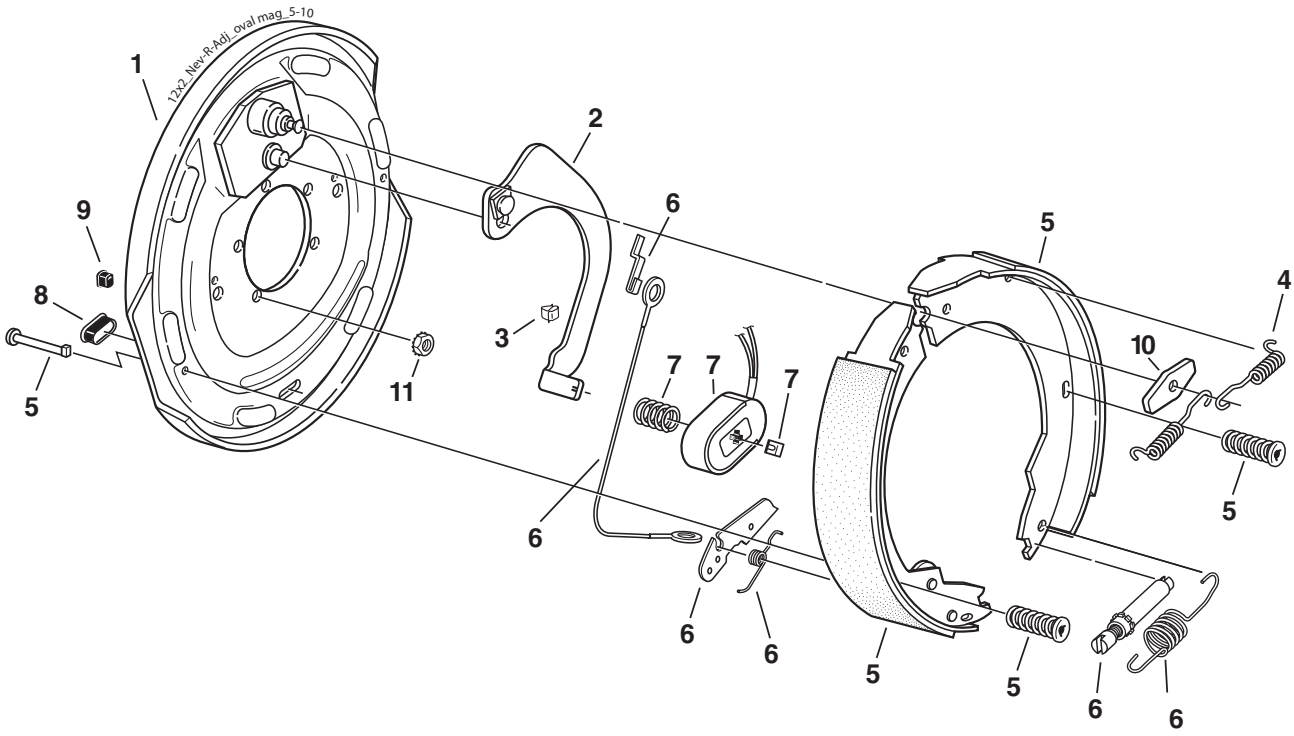
Electric Brake 7000#

Item	Part No.	Qty/Brk	Description
0	K23-180-00	1	LH Complete Brake Assembly
0	K23-181-00	1	RH Complete Brake Assembly (shown)
1	036-089-10	1	Backing Plate Assembly
2	047-107-05	1	LH Actuating Lever Arm Assembly
2	047-108-05	1	RH Actuating Lever Arm Assembly
3	027-005-00	2	Wire Clip
4	046-009-00	2	Retractor Spring
5	K71-127-00	1	Shoe & Lining Kit Contains: 1 #040-215-00 Primary Shoe & Lining 1 #040-216-00 Secondary Shoe & Lining 2 #049-011-00 Shoe Hold Down Pin #2 2 #046-077-00 Shoe Hold Down Spring & Cup
6	043-004-00	1	Adjuster Assembly
7	046-018-00	1	Adjusting Screw Spring
8	K71-125-00	1	Magnet Kit Contains: 1 #042-143-00 Magnet (black wire) 1 #027-009-00 Magnet Clip 1 #046-080-00 Magnet Spring (before 7/16) 1 #046-175-00 Magnet Spring (after 7/16)
9	046-007-00	2	Adjuster Slot Plug
10	046-016-00	1	Wire Grommet
11	005-067-00	1	Anchor Post Washer
*12	006-193-00	5	Nut Washer Assembly

* Not included with complete brake assembly. Item sold separately.

12" x 2" 7K Nev-R-Adjust® Electric Brake

CSA approved at 7000#/13.8 SLR

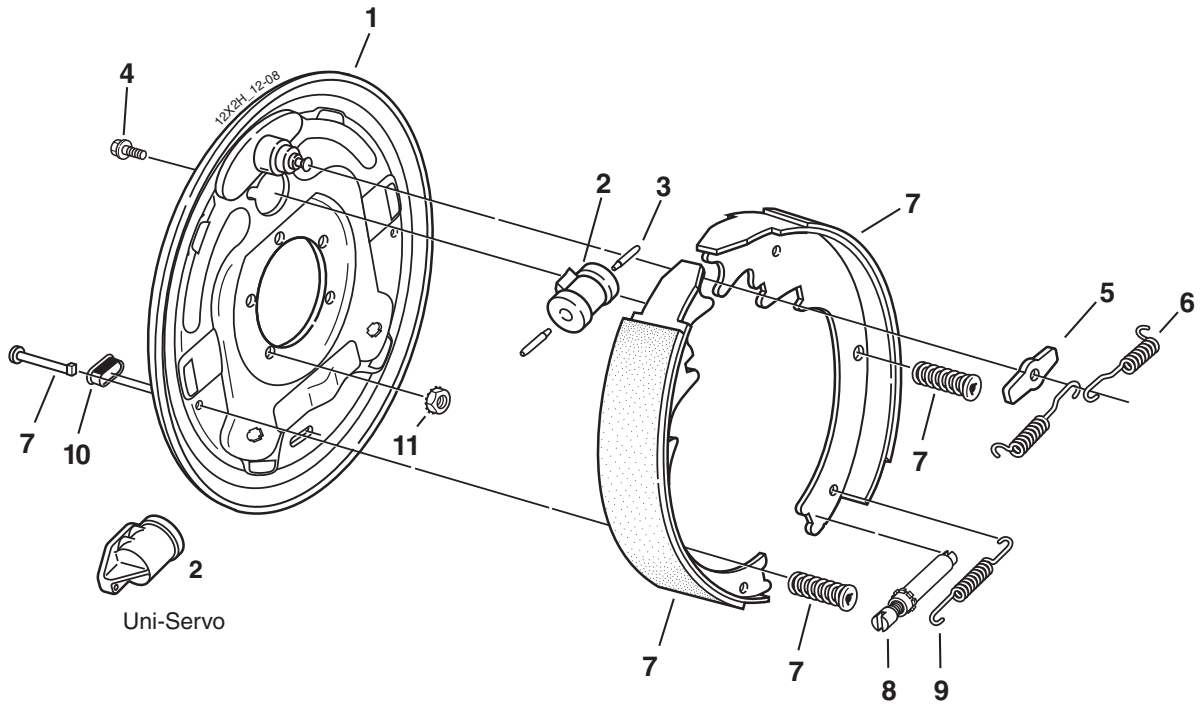


Electric Brake 7000#

Item	Part No.	Qty/Brk	Description
0	K23-464-00	1	LH Complete Brake Assembly
0	K23-465-00	1	RH Complete Brake Assembly (shown)
1	036-089-10	1	Backing Plate Assembly
2	047-107-05	1	LH Actuating Lever Arm Assembly
2	047-108-05	1	RH Actuating Lever Arm Assembly
3	027-005-00	2	Wire Clip
4	046-009-00	2	Retractor Spring
5	K71-675-00	1	LH Shoe & Lining Kit Contains: 1 #040-215-00 Primary Shoe & Lining 1 #040-216-01 Secondary Shoe & Lining 2 #049-011-00 Shoe Hold Down Pin #2 2 #046-077-00 Shoe Hold Down Spring & Cup
5	K71-676-00	1	RH Shoe & Lining Kit Contains: 1 #040-215-00 Primary Shoe & Lining 1 #040-216-02 Secondary Shoe & Lining 2 #049-011-00 Shoe Hold Down Pin #2 2 #046-077-00 Shoe Hold Down Spring & Cup
6	K71-679-00	1	LH & RH Brake Adjuster Kit Contains: 2 #046-139-00 Adjusting Screw Spring 1 #046-140-00 LH Lever Spring 1 #046-141-00 RH Lever Spring 1 #048-022-00 LH Adjuster Assembly 1 #048-023-00 RH Adjuster Assembly 2 #071-528-00 Adjuster Cable 2 #071-529-00 Hook for Cable 1 #071-530-01 LH Adjusting Lever 1 #071-530-02 RH Adjusting Lever
7	K71-125-00	1	Magnet Kit Contains: 1 #042-143-00 Magnet (black wire) 1 #027-009-00 Magnet Clip 1 #046-080-00 Magnet Spring (before 7/16) 1 #046-175-00 Magnet Spring (after 7/16)
8	046-007-00	2	Adjuster Slot Plug
9	046-016-00	1	Wire Grommet
10	005-067-00	1	Anchor Post Washer
*11	006-193-00	5	Nut Washer Assembly

* Not included with complete brake assembly. Item sold separately.

12" x 2" 7K Hydraulic Brake



Note: Uni-Servo brakes to be used with surge actuator

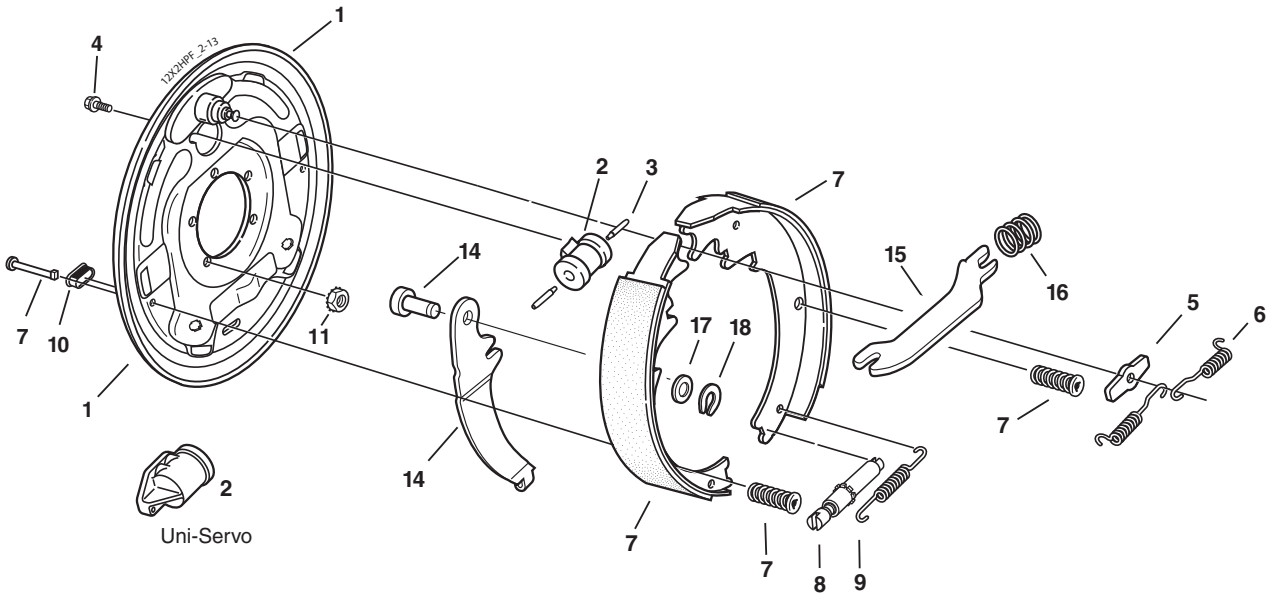
Hydraulic Brake 7000#

Item	Part No.	Qty/Brk	Description
0	K23-338-00	1	LH Complete Brake Assembly-US
0	K23-339-00	1	RH Complete Brake Assembly-US (shown)
0	K23-336-00	1	LH Complete Brake Assembly-DS
0	K23-337-00	1	RH Complete Brake Assembly-DS (shown)
1	036-093-08	1	Backing Plate Assembly
2	054-064-00	1	LH Brake Cylinder Uni-Servo
2	054-065-00	1	RH Brake Cylinder Uni-Servo
2	054-062-00	1	LH Brake Cylinder Duo-Servo
2	054-063-00	1	RH Brake Cylinder Duo-Servo
3	054-060-00	1 or 2	Cylinder Push Rod US (1) DS (2)
4	087-001-00	2	Sems (screw & washer assembly)
5	005-113-00	1	Anchor Post Washer
6	046-101-00	2	Retractor Spring
7	K71-269-00	1	LH Shoe & Lining Kit Contains: 1 #040-219-00 LH Primary Shoe & Lining 1 #040-218-02 LH Secondary Shoe & Lining 2 #046-077-00 Shoe Hold Down Spring & Cup 2 #049-012-00 Shoe Hold Down Pin #4
7	K71-270-00	1	RH Shoe & Lining Kit Contains: 1 #040-219-00 RH Primary Shoe & Lining 1 #040-218-01 RH Secondary Shoe & Lining 2 #046-077-00 Shoe Hold Down Spring & Cup 2 #049-012-00 Shoe Hold Down Pin #4
8	043-029-00	1	Adjuster Assembly
9	046-102-00	1	Adjusting Screw Spring
10	046-007-00	1	Adjuster Slot Plug
*11	006-193-00	5	Nut Washer Assembly
ns	054-089-00	1	Bleeder Screw (included with item #2)

ns - not shown

* Not included with complete brake assembly. Item sold separately.

12" x 2" 7K Hydraulic Brake With Parking Feature



Note: Uni-Servo brakes to be used with surge actuator

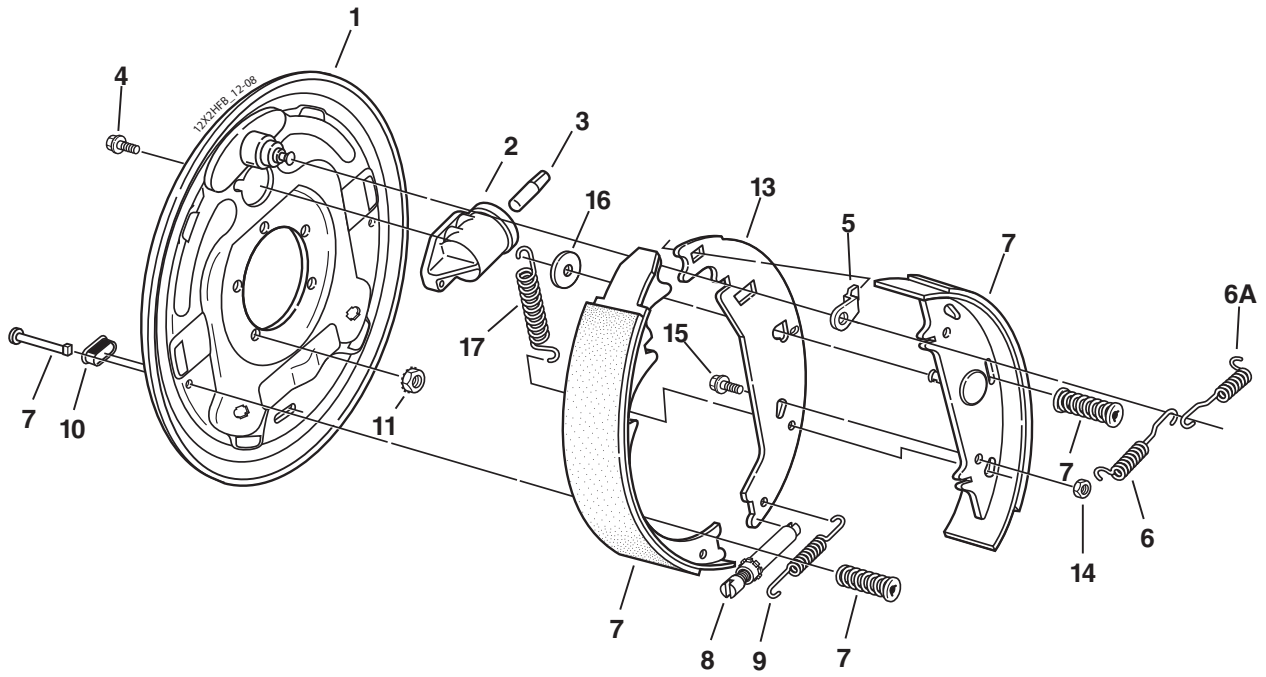
Hydraulic Parking Brake 7000#

Item	Part No.	Qty/Brk	Description
0	K23-332-00	1	LH Complete Brake Assembly-DS
0	K23-333-00	1	RH Complete Brake Assembly-DS (shown)
0	K23-334-00	1	LH Complete Brake Assembly-US
0	K23-335-00	1	RH Complete Brake Assembly-US (shown)
1	036-093-15	1	LH Backing Plate Assembly
1	036-093-16	1	RH Backing Plate Assembly
2	054-062-00	1	LH Brake Cylinder Duo-Servo
2	054-063-00	1	RH Brake Cylinder Duo-Servo
2	054-064-00	1	LH Brake Cylinder Uni-Servo
2	054-065-00	1	RH Brake Cylinder Uni-Servo
3	054-060-00	1 or 2	Cylinder Push Rod US (1) DS (2)
4	087-001-00	2	Sems (screw & washer assembly)
5	005-113-00	1	Anchor Post Washer
6	046-101-00	2	Retractor Spring
7	K71-269-00	1	LH Shoe & Lining Kit Contains: 1 #040-219-00 Primary Shoe & Lining 1 #040-218-02 Secondary Shoe & Lining 2 #046-077-00 Shoe Hold Down Spring & Cup 2 #049-012-00 Shoe Hold Down Pin #4
7	K71-270-00	1	RH Shoe & Lining Kit Contains: 1 #040-219-00 Primary Shoe & Lining 1 #040-218-01 Secondary Shoe & Lining 2 #046-077-00 Shoe Hold Down Spring & Cup 2 #049-012-00 Shoe Hold Down Pin #4
8	043-029-00	1	Adjuster Assembly
9	046-102-00	1	Adjusting Screw Spring
10	046-007-00	1	Adjuster Slot Plug
*11	006-193-00	5	Nut Washer Assembly
14	047-110-01	1	LH Parking Lever and Pin
14	047-111-01	1	RH parking Lever and Pin
15	047-109-00	1	Parking Strut
16	046-103-00	1	Parking Strut Spring
17	005-112-00	1	Spring Tension Washer
18	069-055-00	1	Retainer
ns	054-089-00	1	Bleeder Screw (included with item #2)
*ns	071-515-00	1	Park Brake Cable

ns - not shown

* Not included with complete brake assembly. Item sold separately.

12" x 2" 7K Hydraulic Brake Free Backing



Note: Uni-Servo brakes to be used with surge actuator

Hydraulic Free Backing Brake

Item	Part No.	Qty/Brk	Description
0	K23-342-00	1	LH Complete Brake Assembly
0	K23-343-00	1	RH Complete Brake Assembly (shown)
1	036-093-08	1	Backing Plate Assembly
2	054-064-00	1	LH Brake Cylinder Uni-Servo
2	054-065-00	1	RH Brake Cylinder Uni-Servo
3	054-060-00	1	Cylinder Push Rod
4	087-001-00	2	Sems (screw & washer assembly)
5	037-069-02	1	Travel Link
6	046-101-00	1	Retractor Spring
6A	046-107-01	1	Shoe Lever Return Spring
7	K71-394-00	1	LH Shoe & Lining Kit Contains: 1 #040-243-08 LH Primary Shoe & Lining 1 #040-315-02 LH Secondary Shoe & Lining 1 #046-077-00 Shoe Hold Down Spring & Cup-Sec. 2 #035-001-00 Shoe Hold Down Cup-Primary 1 #046-006-00 Shoe Hold Down Spring-Primary 1 #049-013-00 Shoe Hold Down Pin #1-Primary 1 #049-002-00 Shoe Hold Down Pin #8-Sec.
7	K71-395-00	1	RH Shoe & Lining Kit Contains: 1 #040-243-09 RH Primary Shoe & Lining 1 #040-315-01 RH Secondary Shoe & Lining 1 #046-077-00 Shoe Hold Down Spring & Cup-Sec. 2 #035-001-00 Shoe Hold Down Cup-Primary 1 #046-006-00 Shoe Hold Down Spring-Primary 1 #049-013-00 Shoe Hold Down Pin #1-Primary 1 #049-002-00 Shoe Hold Down Pin #8-Sec.
8	043-028-00	1	Adjuster Assembly
9	046-123-00	1	Adjusting Screw Spring
10	046-007-00	1	Adjuster Slot Plug
*11	006-193-00	5	Nut Washer Assembly
13	040-244-01	1	Shoe Lever
14	006-011-00	1	Locknut
15	007-210-00	1	Screw
16	005-064-00	1	Washer
17	046-108-01	1	Primary Shoe Return Spring
ns	054-089-00	1	Bleeder Screw (included with item #2)

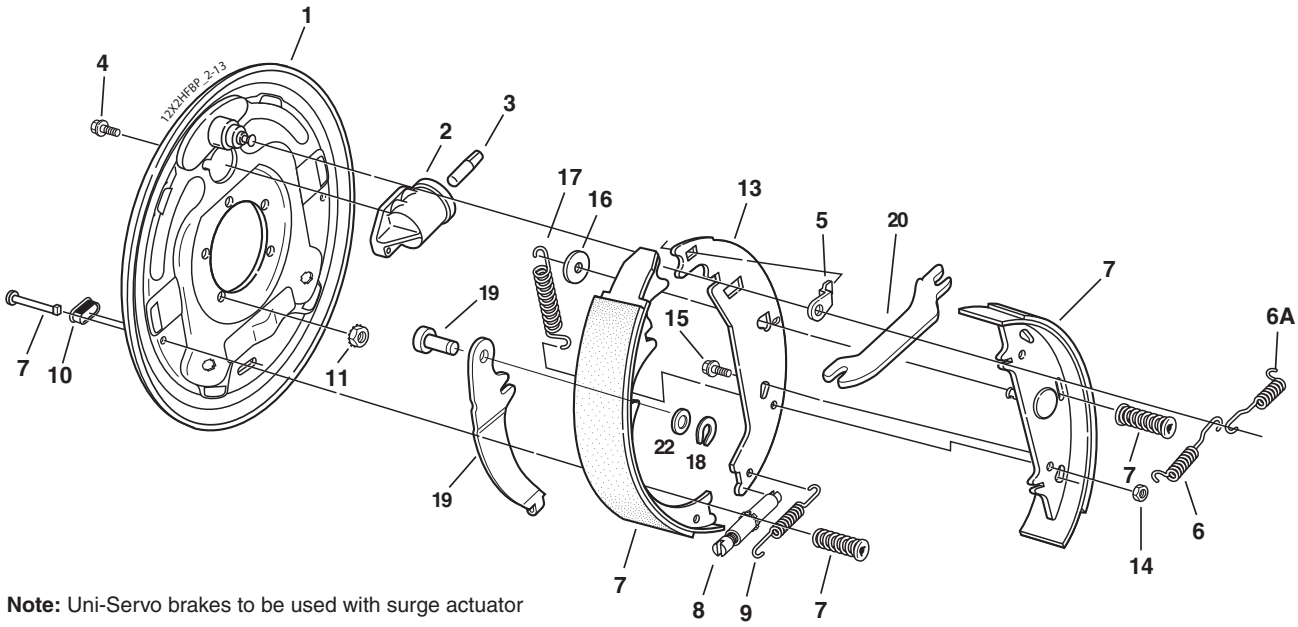
ns - not shown

* Not included with complete brake assembly. Item sold separately.

Hydraulic Free Backing Brake Corrosion Resistant

Item	Part No.	Qty/Brk	Description
0	K23-342-01	1	LH Complete Brake Assembly
0	K23-343-01	1	RH Complete Brake Assembly
1	036-093-09	1	Backing Plate Assembly
2	054-064-01	1	LH Brake Cylinder Uni-Servo
2	054-065-01	1	RH Brake Cylinder Uni-Servo
3	054-060-00	1	Cylinder Push Rod
4	087-001-00	2	Sems (screw & washer assembly)
5	037-069-02	1	Travel Link
6	046-101-00	1	Retractor Spring
6A	046-107-03	1	Shoe Lever Return Spring
7	K71-427-00	1	LH Shoe & Lining Kit Contains: 1 #040-243-06 LH Primary Shoe & Lining 1 #040-315-06 LH Secondary Shoe & Lining 1 #046-077-01 Shoe Hold Down Spring & Cup-Sec. 2 #035-001-00 Shoe Hold Down Cup-Primary 1 #046-006-01 Shoe Hold Down Spring & Cup-Prim. 1 #049-013-00 Shoe Hold Down Pin #1-Primary 1 #049-002-00 Shoe Hold Down Pin #8-Sec.
7	K71-428-00	1	RH Shoe & Lining Kit Contains: 1 #040-243-07 RH Primary Shoe & Lining 1 #040-315-05 RH Secondary Shoe & Lining 1 #046-077-01 Shoe Hold Down Spring & Cup-Sec. 2 #035-001-00 Shoe Hold Down Cup-Primary 1 #046-006-01 Shoe Hold Down Spring & Cup-Prim. 1 #049-013-00 Shoe Hold Down Pin #1-Primary 1 #049-002-00 Shoe Hold Down Pin #8-Sec.
8	043-028-00	1	Adjuster Assembly
9	046-123-01	1	Adjusting Screw Spring
10	046-007-00	1	Adjuster Slot Plug
*11	006-193-00	5	Nut Washer Assembly
13	040-244-02	1	Shoe Lever
14	006-011-00	1	Locknut
15	007-210-00	1	Screw
16	005-064-00	1	Washer
17	046-108-03	1	Primary Shoe Return Spring
ns	054-089-00	1	Bleeder Screw (included with item #2)

12" x 2" 7K Hydraulic Brake Free Backing With Parking Feature



Note: Uni-Servo brakes to be used with surge actuator

Hydraulic Free Backing Parking Brake

Item	Part No.	Qty/Brk	Description
0	K23-340-00	1	LH Complete Brake Assembly
0	K23-341-00	1	RH Complete Brake Assembly (shown)
1	036-093-15	1	LH Backing Plate Assembly
1	036-093-16	1	RH Backing Plate Assembly
2	054-064-00	1	LH Brake Cylinder Uni-Servo
2	054-065-00	1	RH Brake Cylinder Uni-Servo
3	054-060-00	1	Cylinder Push Rod
4	087-001-00	2	Sems (screw & washer assembly)
5	037-069-02	1	Travel Link
6	046-101-00	1	Retractor Spring
6A	046-107-01	1	Shoe Lever Return Spring
7	K71-394-00	1	LH Shoe & Lining Kit Contains: 1 #040-243-08 LH Primary Shoe & Lining 1 #040-315-02 LH Secondary Shoe & Lining 1 #046-077-00 Shoe Hold Down Spring & Cup-Sec. 2 #035-001-00 Shoe Hold Down Cup-Primary 1 #046-006-00 Shoe Hold Down Spring-Primary 1 #049-013-00 Shoe Hold Down Pin #1-Primary 1 #049-002-00 Shoe Hold Down Pin #8-Sec.
7	K71-395-00	1	RH Shoe & Lining Kit Contains: 1 #040-243-09 RH Primary Shoe & Lining 1 #040-315-01 RH Secondary Shoe & Lining 1 #046-077-00 Shoe Hold Down Spring & Cup-Sec. 2 #035-001-00 Shoe Hold Down Cup-Primary 1 #046-006-00 Shoe Hold Down Spring-Primary 1 #049-013-00 Shoe Hold Down Pin #1-Primary 1 #049-002-00 Shoe Hold Down Pin #8-Sec.
8	043-028-00	1	Adjuster Assembly
9	046-123-00	1	Adjusting Screw Spring
10	046-007-00	1	Adjuster Slot Plug
*11	006-193-00	5	Nut Washer Assembly
13	040-244-01	1	Shoe Lever
14	006-011-00	1	Locknut
15	007-210-00	1	Screw
16	005-064-00	1	Washer
17	046-108-01	1	Primary Shoe Return Spring
18	069-055-00	1	Retainer
19	047-110-01	1	LH Parking Lever and Pin
19	047-111-01	1	RH Parking Lever and Pin
20	047-119-01	1	Strut for Parking Brake
22	005-112-00	1	Washer
ns	054-089-00	1	Bleeder Screw (included with item #2)
*ns	071-515-00	1	Park Brake Cable

ns - not shown

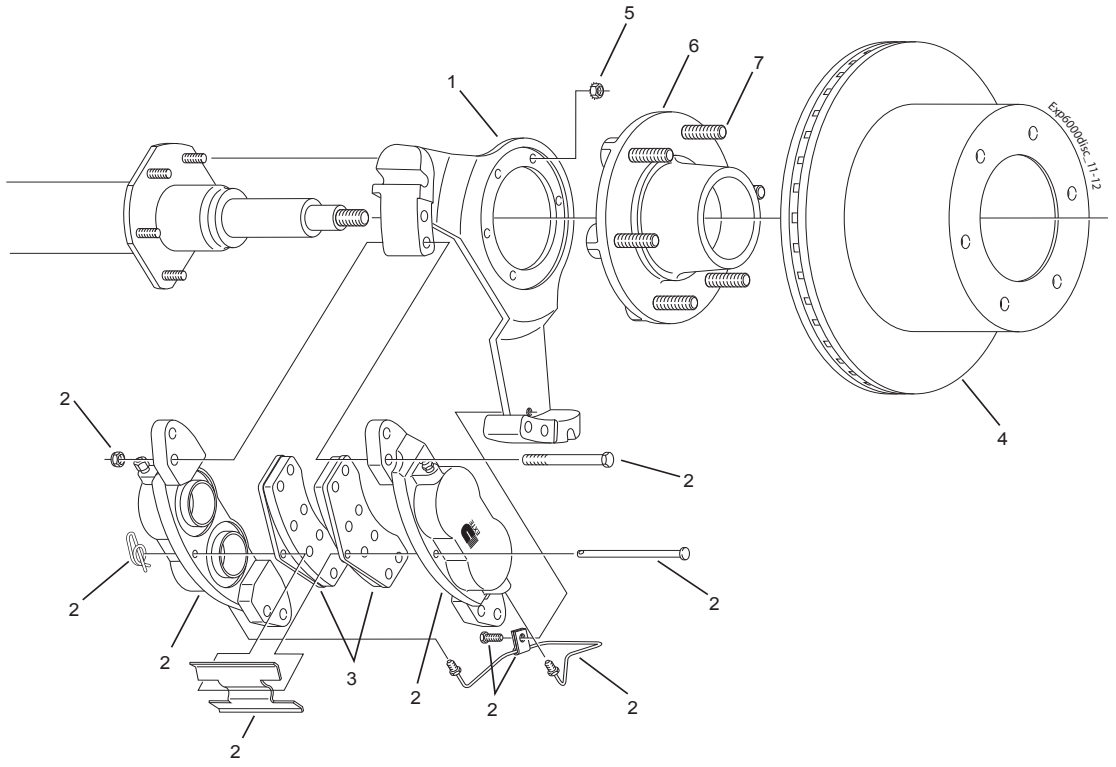
* Not included with complete brake assembly. Item sold separately.

Hydraulic Free Backing Parking Brake Corrosion Resistant

Item	Part No.	Qty/Brk	Description
0	K23-340-01	1	LH Complete Brake Assembly
0	K23-341-01	1	RH Complete Brake Assembly
1	036-093-17	1	LH Backing Plate Assembly
1	036-093-18	1	RH Backing Plate Assembly
2	054-064-01	1	LH Brake Cylinder Uni-Servo
2	054-065-01	1	RH Brake Cylinder Uni-Servo
3	054-060-00	1	Cylinder Push Rod
4	087-001-00	2	Sems (screw & washer assembly)
5	037-069-02	1	Travel Link
6	046-101-00	1	Retractor Spring
6A	046-107-03	1	Shoe Lever Return Spring
7	K71-427-00	1	LH Shoe & Lining Kit Contains: 1 #040-243-06 LH Primary Shoe & Lining 1 #040-315-06 LH Secondary Shoe & Lining 1 #046-077-01 Shoe Hold Down Spring & Cup-Sec. 2 #035-001-00 Shoe Hold Down Cup-Primary 1 #046-006-01 Shoe Hold Down Spring-Primary 1 #049-013-00 Shoe Hold Down Pin #1-Primary 1 #049-002-00 Shoe Hold Down Pin #8-Sec.
7	K71-428-00	1	RH Shoe & Lining Kit Contains: 1 #040-243-07 RH Primary Shoe & Lining 1 #040-315-05 RH Secondary Shoe & Lining 1 #046-077-01 Shoe Hold Down Spring & Cup-Sec. 2 #035-001-00 Shoe Hold Down Cup-Primary 1 #046-006-01 Shoe Hold Down Spring-Primary 1 #049-013-00 Shoe Hold Down Pin #1-Primary 1 #049-002-00 Shoe Hold Down Pin #8-Sec.
8	043-028-00	1	Adjuster Assembly
9	046-123-01	1	Adjusting Screw Spring
10	046-007-00	1	Adjuster Slot Plug
*11	006-193-00	5	Nut Washer Assembly
13	040-244-02	1	Shoe Lever
14	006-011-00	1	Locknut
15	007-210-00	1	Screw
16	005-064-00	1	Washer
17	046-108-03	1	Primary Shoe Return Spring
18	069-055-00	1	Retainer
19	047-110-01	1	LH Parking Lever and Pin
19	047-111-01	1	RH Parking Lever and Pin
20	047-119-01	1	Strut for Parking Brake
22	005-112-00	1	Washer
ns	054-089-00	1	Bleeder Screw (included with item #2)

Disc Brake for 6,000 Lb. Axles

CSA approved at 6000#/14.3 SLR



Disc Brake 6000#

Item	Part No.	Qty/Brk	Description
1	090-005-01	1	LH Anchor Yoke
1	090-005-02	1	RH Anchor Yoke (shown)
2	K71-636-00	1	Caliper Assembly Kit for LH or RH Contains:
			4 006-045-00 Caliper Mounting Nut
			4 007-254-00 Caliper Mounting Bolt
			1 019-019-00 Cotter Ring
			1 027-060-00 Tube Clamp
			1 046-145-00 Anti-Rattle Spring
			1 054-092-00 Bleeder Screw
			1 054-094-00 Adapter Fitting
			1 056-038-00 Pad Retaining Pin
			1 071-513-00 Cross Over Hydraulic Line (yokes without notch)
			1 071-517-00 Cross Over Hydraulic Line (yokes with notch)
			1 087-002-00 Hex Bolt
			2 089-005-06 Assembled Caliper Half
3	K71-629-00	1	Brake Pad Kit (axle set)
4	K71-637-00	1	Rotor Kit
5	006-193-00	5	⅜" Brake Mounting Nut-Washer Assembly

Disc Brake 6000# With 42MM Nev-R-Lube®

Item	Part No.	Qty/Brk	Description
1	090-006-01	1	LH Anchor Yoke
1	090-006-02	1	RH Anchor Yoke
2	K71-636-00	1	Caliper Assembly Kit for LH or RH Contains:
			4 006-045-00 Caliper Mounting Nut
			4 007-254-00 Caliper Mounting Bolt
			1 019-019-00 Cotter Ring
			1 027-060-00 Tube Clamp
			1 046-145-00 Anti-Rattle Spring
			1 054-092-00 Bleeder Screw
			1 054-094-00 Adapter Fitting
			1 056-038-00 Pad Retaining Pin
			1 071-513-00 Cross Over Hydraulic Line (yokes without notch)
			1 071-517-00 Cross Over Hydraulic Line (yokes with notch)
			1 087-002-00 Hex Bolt
			2 089-005-06 Assembled Caliper Half
3	K71-629-00	1	Brake Pad Kit (axle set)
4	K71-637-00	1	Rotor Kit
5	006-193-00	5	⅜" Brake Mounting Nut-Washer Assembly

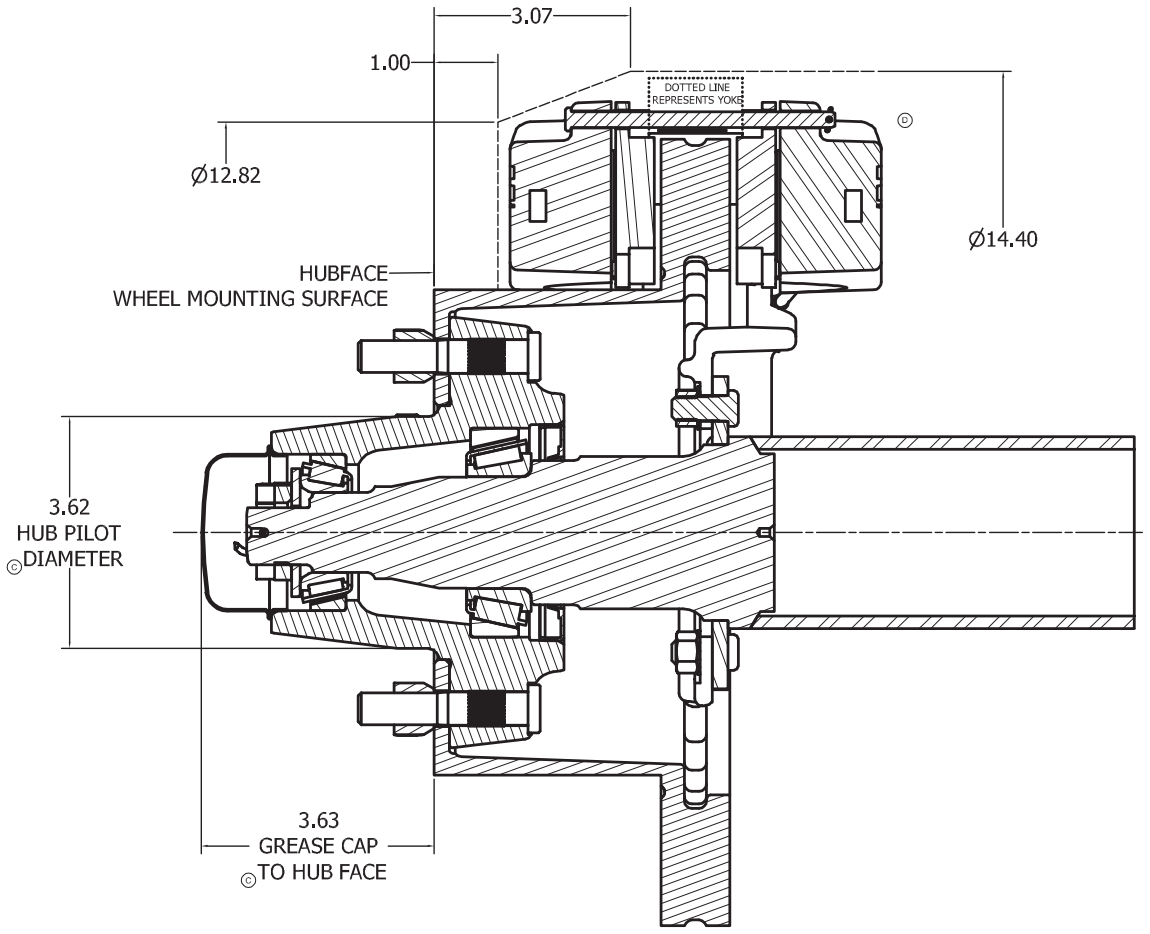
Disc Brake Hubs & Studs

Item	Part No.	Qty/Brk	Description
6	008-403-05	1	Grease ½" Studs 6 on 5.50
7	007-262-00	6	½-20 x 2.70" Press-in Stud (hubs after 2/09)

Nev-R-Lube® Disc Brake Hubs

Item	Part No.	Qty/Brk	Description
6	008-404-80	1	½" Studs, 42mm 6 on 5.50
7	007-262-00	6	½-20 x 2.70" Press-in Stud (hubs after 2/09)

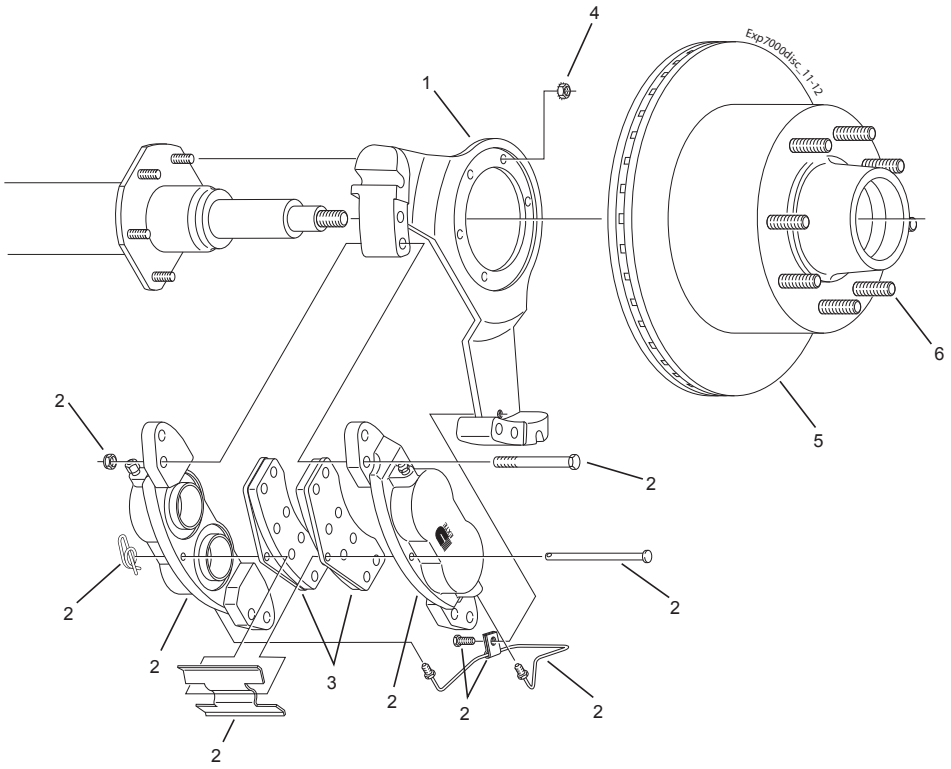
Recommended Wheel Clearance for 6,000 Lb. Disc Brake



CAUTION: The above hub/rotor profile shows the minimum clearance needed to insure that no part of the wheel makes contact with any brake component.

Make sure the wheel is in full contact with the hub face and does not drag against the brake caliper. If there is not full contact with the hub face, you may experience a dangerous wheel separation.

Disc Brake for 7,000 Lb. Axles



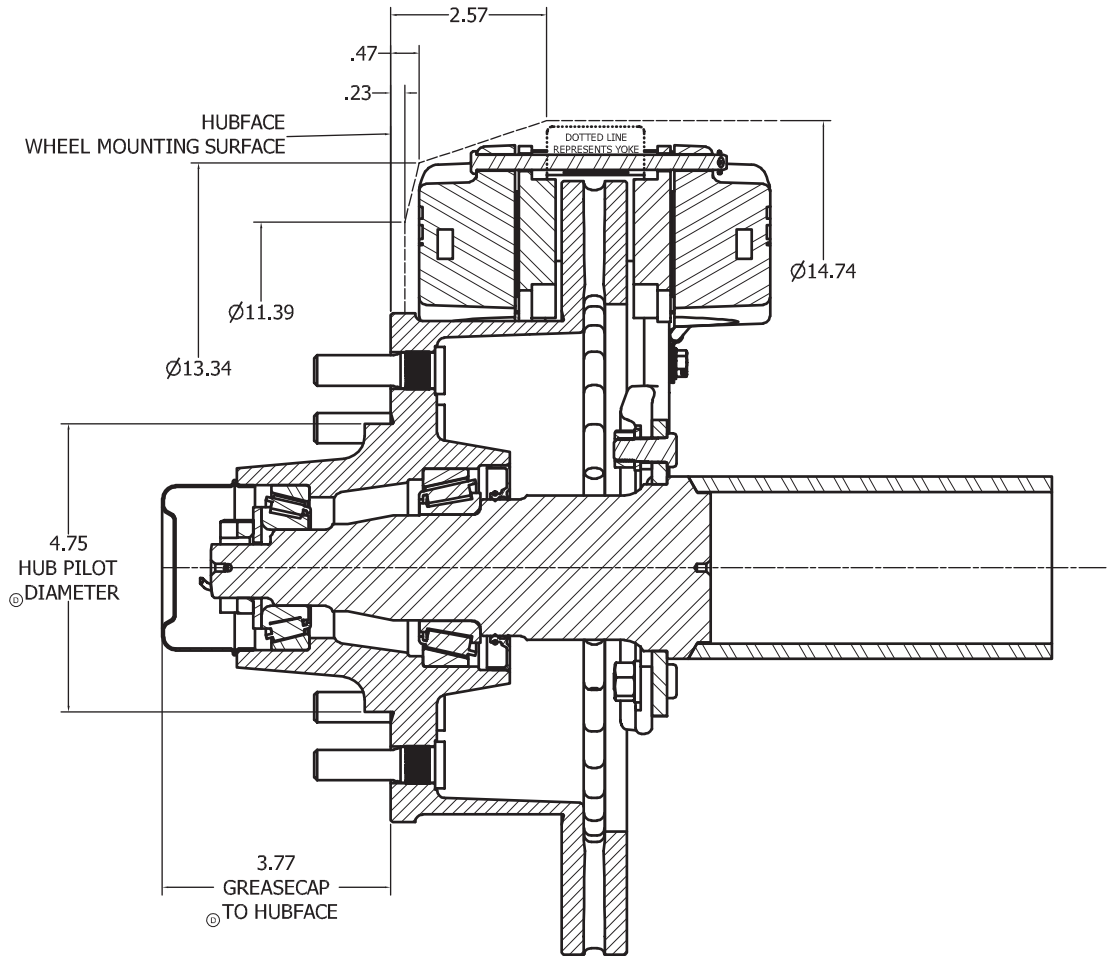
Disc Brake 7000#

Item	Part No.	Qty/Brk	Description
1	090-008-01	1	LH Anchor Yoke
1	090-008-02	1	RH Anchor Yoke (shown)
2	K71-693-00	1	Caliper Assembly Kit for LH or RH Contains:
			4 006-045-00 Caliper Mounting Nut
			4 007-254-00 Caliper Mounting Bolt
			1 019-019-00 Cotter Ring
			1 027-060-00 Tube Clamp
			1 046-145-00 Anti-Rattle Spring
			1 054-092-00 Bleeder Screw
			1 054-094-00 Adapter Fitting
			1 056-038-00 Pad Retaining Pin
			1 071-517-00 Cross Over Hydraulic Line (yokes with notch)
			1 087-002-00 Hex Bolt
			2 089-005-06 Assembled Caliper Half
3	K71-629-00	1	Brake Pad Kit (axle set)
4	006-193-00	5	⅜" Brake Mounting Nut-Washer Assembly

Disc Brake Hubs & Studs

Item	Part No.	Qty/Brk	Description
5	008-416-10	1	Grease ½" Studs 8 on 6.50
	008-416-11	1	Oil ½" Studs 8 on 6.50
	008-416-12	1	Grease 9/16" Studs 8 on 6.50
	008-416-13	1	Oil 9/16" Studs 8 on 6.50
	008-416-14	1	Grease ⅝" Studs 8 on 6.50
	008-416-15	1	Oil ⅝" Studs 8 on 6.50
6	007-122-00	8	½-20 x 1.84" Press-in Stud
	007-223-00	8	9/16-18 x 2.01" Press-in Stud
	007-224-00	8	⅝-18 x 2.50" Press-in Stud

Recommended Wheel Clearance for 7,000 Lb. Disc Brake



CAUTION: The above hub/rotor profile shows the minimum clearance needed to insure that no part of the wheel makes contact with any brake component.

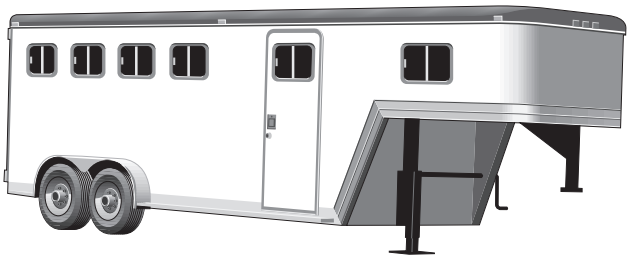
Make sure the wheel is in full contact with the hub face and does not drag against the brake caliper. If there is not full contact with the hub face, you may experience a dangerous wheel separation.

AIRFLEX® Light Trailer Suspension System

5500 - 7000 LBS. CAPACITY



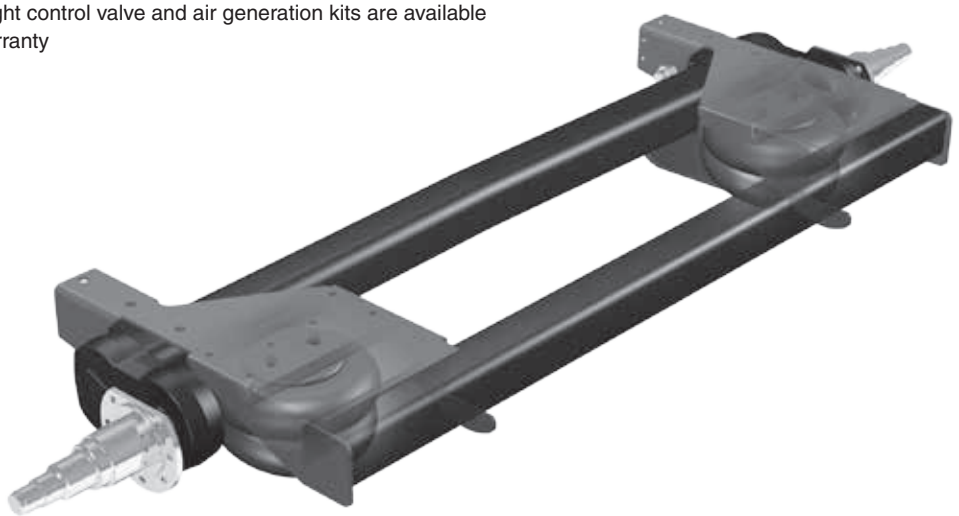




AIRFLEX® AIR RIDE SUSPENSION

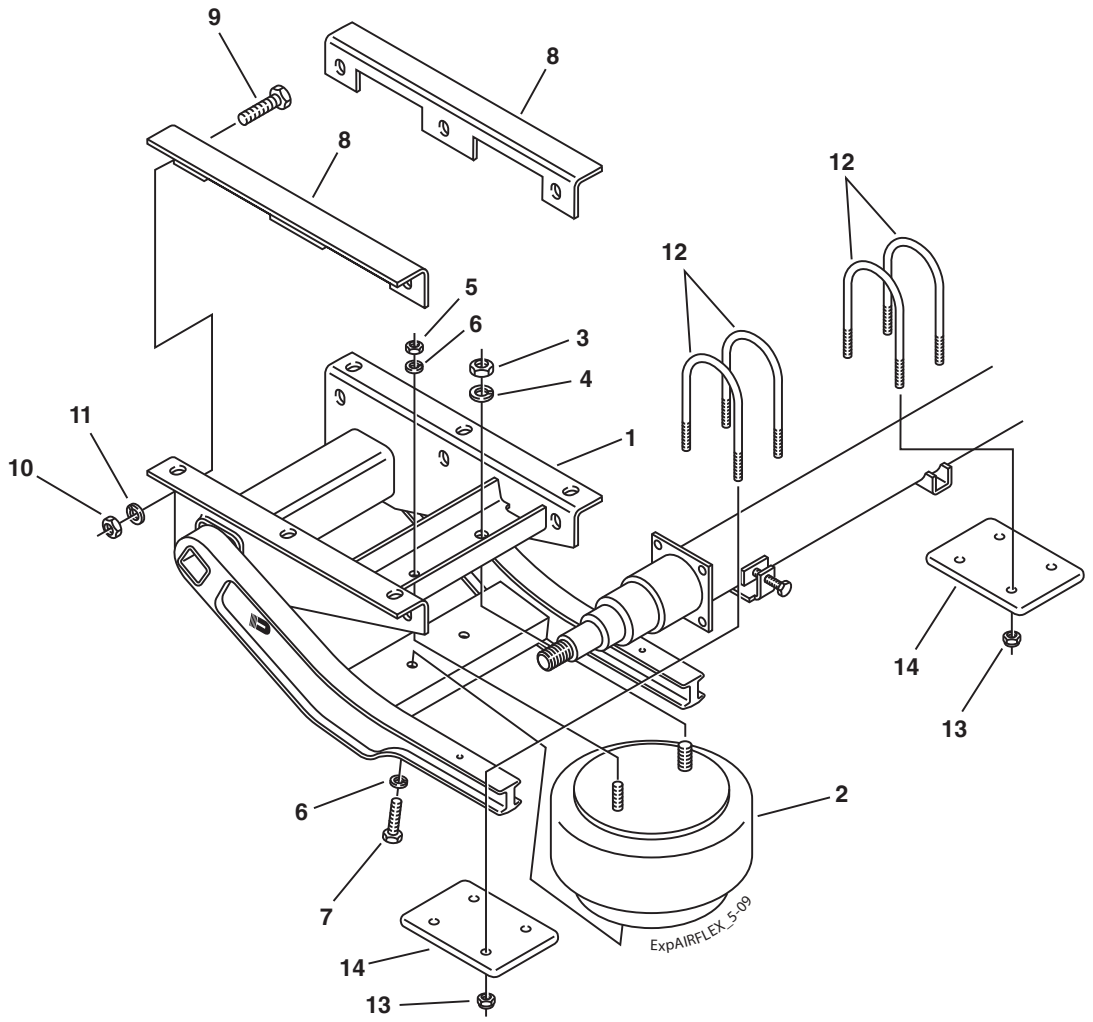
Smooth Out the Roughest Roads

- Soft Ride – New hybrid suspension combines air and rubber torsion for an excellent ride
- Independent – Ride and stability improve with independent wheel action
- Equalizing – Axle-to-axle load equalization allows use on triple axle trailers
- Reliable – Rubber cushions ride even if air is not available
- Maintains constant ride height for the ultimate ride
- Fully assembled for easy installation
- Adjustable axle alignment feature
- Available for single, tandem or triple axle applications
- Optional ride height control valve and air generation kits are available
- 2 year limited warranty



AIRFLEX® for 7,000 Lb. Axles – Before May 2010

Service Parts Only

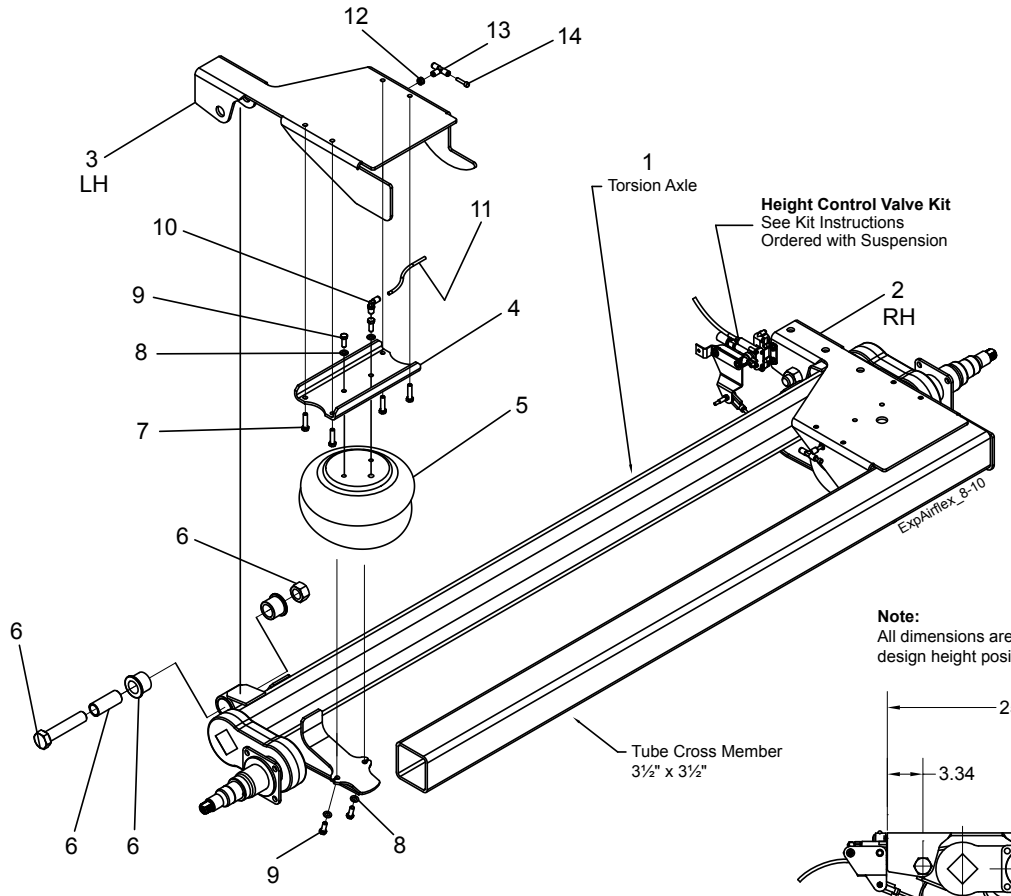


AIRFLEX® Suspension Components 7000#

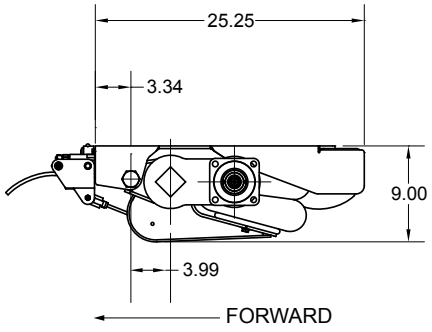
Item	Part No.	Qty/Axle	Description
1	003-272-00	1	LH Suspension Assembly (shown) (incl. items #2-11)
1	003-273-00	1	RH Suspension Assembly (incl. items #2-11)
Air Spring & Mounting Hardware			
2	034-279-00	2	Air Spring
3	006-122-01	2	¾"-16 Jam Nut
4	005-143-00	2	¾" Lock Washer
5	006-116-00	2	½"-13 Hex Nut
6	005-058-00	6	½" Lock Washer
7	007-259-00	4	½"-13 Hex Bolt
Suspension Mounting Hardware			
8	003-261-00	2	Side Mount Bracket
9	007-177-00	6	⅝" Mounting Bolt
10	006-126-00	6	⅝" Locknut
11	005-111-00	6	⅝" Washer
Axle Attaching Hardware			
12	011-090-01	8	¾" U-Bolt
13	006-113-00	16	¾" Locknut
14	012-065-01	4	Tie Plate
Air Supply Kits			
ns	K71-632-01	-	Tandem Plumbing Kit with Ride Height Control Valve
ns	K71-632-02	-	Air Generation Kit (includes compressor and tank)
ns	K71-632-03	-	Manual Dump Valve Kit
ns	K71-632-04	-	Tri-Axle Conversion Plumbing Kit

ns - not shown

AIRFLEX® for 7,000 Lb. Axles – After May 2010



Note:
All dimensions are shown at the design height position



Bolt Torque Chart	
Size	Ft. Lbs.
⅜-16	25
¾-10	270

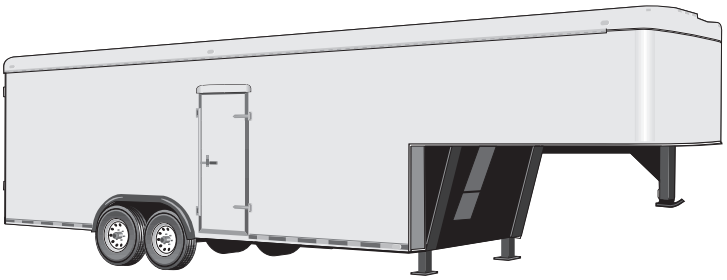
AIRFLEX® Suspension Components 7000#

Item	Part No.	Qty/Axle	Description
1	n/a	1	Torsion Axle with Suspension Brackets
2	003-327-00	1	RH Frame Bracket
3	003-326-00	1	LH Frame Bracket
4	003-323-00	2	Channel, Air Spring Support
5	W01-358-6947	2	Firestone Air Spring
6	K71-734-00	1	Airflex Pivot Bushing Replacement Kit Contains: 2 #006-287-00 Nut, Hex Locking 2 #007-466-00 Bolt, Hex 2 #014-123-00 Pivot Bushing Assembly 2 #014-127-00 Pivot Bushing Spacer
7	n/a	8	⅜-16 UNC x 1.5" LG HHCS
8	n/a	8	⅜ Regular Split Lock Washer
9	n/a	8	⅜-16 UNC x 1" LG HHCS
10	n/a	2	¼ NPTM x ¼ T 90° Elbow, Swivel
11	n/a	2	¼ x 6.25" LG Nylon Tube
12	n/a	2	Grommet
13	n/a	2	¼ T Union Tee
14	n/a	2	¼ T Plug
Air Supply Kits			
ns	K71-692-01	-	Ride Height Control Kit
ns	K71-692-02	-	Air Supply and Control Kit
ns	K71-692-03	-	Air Control Kit Without Air Supply
ns	059-809-00	-	Installation Instructions (available on Dexter website)

n/a - not available

ns - not shown

General Applications





Axle Types

7200 Lbs. Capacity

- Complete service manual
- Precision machined steel spindles and integral cast iron hub/drums
- Finned brake drums for better heat dissipation
- Press-in wheel studs, 9/16" or 5/8"
- Improved bearing package; unitized seals
- Standard grease lubrication; optional oil bath; E-Z Lube® option
- 12¼" x 2½" electric brakes, CSA approved at 7100 lbs.
- Inner wiring system for easier installation and protection of brake wiring

D72 LEAF SPRING



- Heavy wall 3" diameter tube
- Straight or Drop spindles (4" drop only)
- High quality alloy steel springs in a variety of capacities
- Single, tandem, or triple axle assemblies with equalized suspensions
- Slipper leaf spring suspension
- Heavy duty suspension parts available
- Optional rubber bushed suspension
- Optional hanger and attaching parts kits available
- Durable, wear-resistant components
- 5 year limited warranty

12V TORFLEX®



- Totally rubber-cushioned for smooth, quiet, independent ride
- Easy installation with less maintenance
- Less transfer of road shock which insulates cargo from road shocks and vibration
- Rubber cords compounded for maximum dependability and durability
- Load-carrying cross member
- Self-damping action
- Independent wheel suspension system
- 10 year limited warranty on Torflex® suspension system
- Low profile for maximum road clearance
- Various starting angles to control trailer height
- High and low profile brackets with optional mounting brackets are available
- Rubber cushioning eliminates metal-to-metal contact
- Shock absorption provided by the natural hysteresis of rubber
- Single or tandem axle assemblies
- Durable, wear-resistant components

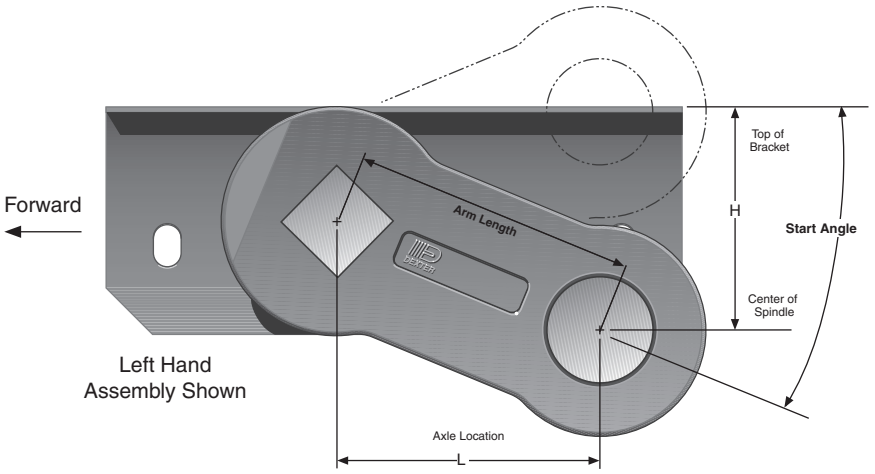
CAUTION: Triple axle assemblies are NOT recommended for #12V Torflex® axles.

Torflex® Application Information

Articulation Dimensions

12V

Dimensions are for top mount only. Side mount is .31" higher. Allow 3" bump clearance from full load.



		No Load		Full Load		Shock Load	
Start Angle	**Bracket Profile**	**H**	**L**	**H**	**L**	**H**	**L**
45° Down	Low	6.24	4.24	4.30	5.54	3.17	5.88
	High	6.99	4.24	5.05	5.54	3.92	5.88
32° Down	Low	5.18	5.09	2.99	5.92	1.82	6.00
	High	5.93	5.09	3.74	5.92	2.57	6.00
22.5° Down	Low	4.30	5.54	2.00	6.00	0.83	5.88
	High	5.05	5.54	2.75	6.00	1.58	5.88
10° Down	Low	3.04	5.91	0.70	5.86	-0.42	5.49
	High	3.79	5.91	1.45	5.86	0.33	5.49
0°	Low	2.00	6.00	-0.30	5.54	-1.33	4.99
	High	2.75	6.00	0.45	5.54	-0.58	4.99
10° Up	Low	0.96	5.91	-1.22	5.06	-2.15	4.33
	High	1.71	5.91	-0.47	5.06	-1.40	4.33
22.5° Up	Low	-0.30	5.54	-2.24	4.24	-2.99	3.33
	High	0.45	5.54	-1.49	4.24	-2.24	3.33

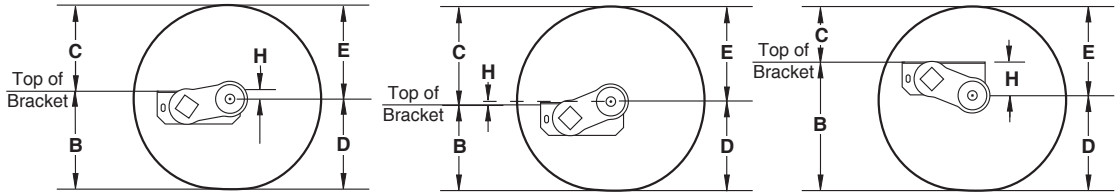
H = Height
L = Length

Note: Positive numbers in the H column indicate the spindle is BELOW the top of the bracket. Conversely, negative numbers are ABOVE the top of the bracket.

Torflex® Application Information

Full Load Dimensions

Dimensions are for low profile, top mount only. High profile brackets are .75" higher. Side mount is .31" higher. Allow 3" bump clearance from full load.

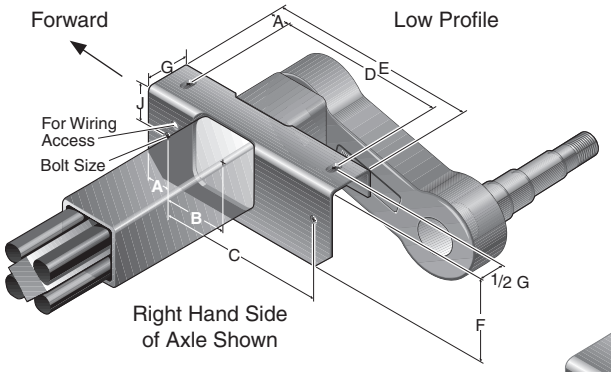


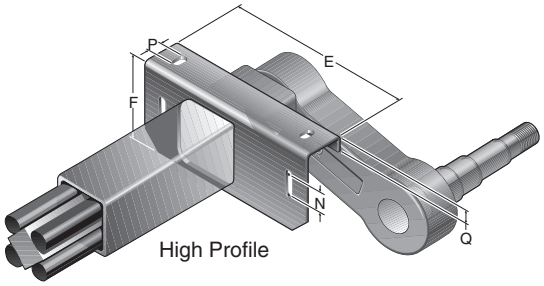
Start Angle

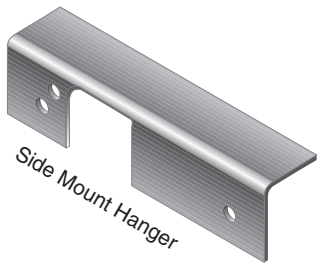
Tire	45° Down					32° Down					22.5° Down		
	D	E	H	B	C	D	E	H	B	C	H	B	C
LT235/85R16	14.3	15.4	4.3	18.6	11.1	14.3	15.4	3.0	17.3	12.4	2.0	16.3	13.4
7.50-16LT	14.9	16.7	4.3	19.2	12.4	14.9	16.7	3.0	17.9	13.7	2.0	16.9	14.7
9.50-16.5LT	14.1	15.2	4.3	18.4	10.9	14.1	15.2	3.0	17.1	12.2	2.0	16.1	13.2

Columns D and E are dimensional examples only:
D – Static Loaded Radius
E – Inflated Radius

Tire	10° Down			0°			10° Up			22.5° Up		
	H	B	C	H	B	C	H	B	C	H	B	C
LT235/85R16	0.7	15.0	14.7	-0.3	14.0	15.7	-1.2	13.1	16.6	-2.2	12.1	17.6
7.50-16LT	0.7	15.6	16.0	-0.3	14.6	17.0	-1.2	13.7	17.9	-2.2	12.7	18.9
9.50-16.5LT	0.7	14.8	14.5	-0.3	13.8	15.5	-1.2	12.9	16.4	-2.2	11.9	17.4







#12V Bracket Dimensions

	Low	High
A	1.25	1.25
B	3.50	3.50
C	9.50	9.50
D	9.00	9.00
E	12.00	12.00
F	4.37	5.12
G	2.50	2.50
J	2.06	2.06
N	----	1.03
P	----	1.00
Q	----	1.00
Bolt Size	5/8" bolt	
Tube Size	3.50	3.50

#12V Overhang Per Side

Spindle	Min.	Max.
Standard	7.00"	14.77"

Leaf Spring Application Information

Double Eye Springs

For Standard 33" Axle Spacing

Single A/P-122-00
Tandem A/P-233-00
Triple A/P-335-00

	Spring Length 21"	24"	26"
A	19.62	23.50	25.75
B	25.00	27.50	29.50
C	28.75	31.00	33.00
D	10.62	12.00	13.00
E	28.75	31.00	33.00

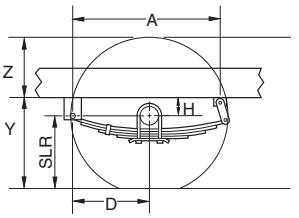
For Optional 35" Axle Spacing

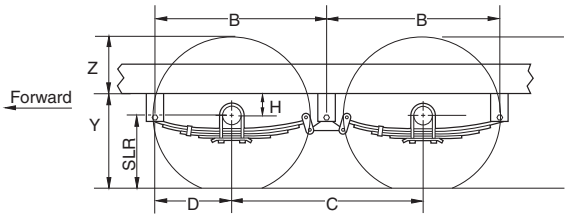
Tandem A/P-264-00
Triple A/P-364-00

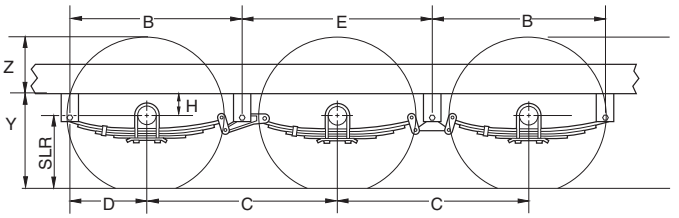
	Spring Length 21"	24"	26"
B	26.00	28.50	30.50
C	30.80	33.00	35.00
D	10.62	12.00	13.00
E	30.80	33.00	35.00

D72 Overhang Per Side

	Min.	Max.
Straight	7.00"	9.00"
4" Drop	7.87"	9.00"
Nev-R-Lube®	7.00"	9.00"







Double Eye Axle Assemblies

Hanger Kits

Part No.	Description	Height	Quantity Per Kit HGR-105-00	HGR-271-00	HGR-274-00	HGR-371-00
028-070-00	Hanger	4.25"	----	6	----	8
028-006-00	Front Hanger	1.44"	2	----	----	----
028-010-01	Hanger	5.00"	----	----	6	----
030-020-00	Rear Hanger	.91"	2	----	----	----

Attaching Parts Kits

Part No.	Description	A/P-122-00	A/P-233-00	A/P-264-00†	A/P-335-00	A/P-364-00†
006-092-01	Flange Locknut	6	14	14	22	22
007-126-00	Shackle Bolt	2	6	6	10	10
013-104-02	Equalizer	----	2	----	2	----
013-105-02	Equalizer	----	----	----	2	----
013-122-02	Equalizer	----	----	2	----	2
013-126-02	Equalizer	----	----	----	----	2
018-011-01	Shackle Link	----	4	4	6	6
018-012-01	Shackle Link, Long	2	----	----	----	----
018-020-00	Shackle Link Assembly	----	4	4	6	6
018-021-00	Shackle Link Assembly, Long	2	----	----	----	----

† For 35" axle spacing using 26" springs

Leaf Spring Application Information

Slipper Spring Axle Assemblies

Hanger Kits			Quantity Per Kit		
Part No.	**Description**	**Height**	**HGR-138-00**	**HGR-238-00**	**HGR-338-00**
028-009-01	Front Hanger	5.00"	2	2	2
029-005-01	Center Hanger	4.50"	----	2	4
030-006-01	Rear Hanger	6.38"	2	2	2

Attaching Parts Kits						
Part No.	**Description**	**A/P-103-00**	**A/P-202-00§**	**A/P-216-00‡**	**A/P-302-00§**	**A/P-316-00‡**
006-007-01	9/16-18 Locknut	2	4	4	6	6
006-011-00	Keeper Nut	2	4	4	6	6
006-111-00	Equalizer Nut	----	2	2	4	4
007-001-01	Equalizer Bolt	----	2	2	4	4
007-007-00	Keeper Bolt	2	4	4	6	6
007-017-00	Spring Eye Bolt	2	4	4	6	6
013-004-00	Equalizer	----	2	----	4	----
013-044-01	Equalizer	----	----	2	----	4

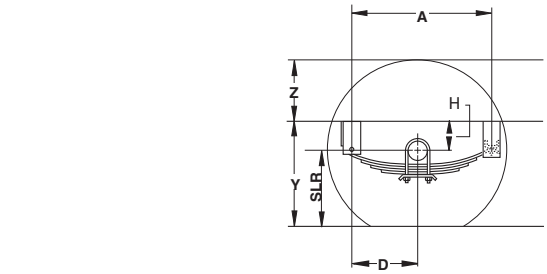
§ For 33.5" axle spacing ‡ For 36" axle spacing

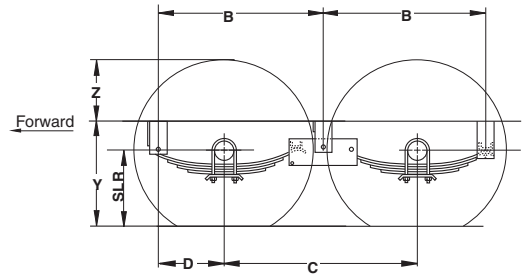
Slipper Springs

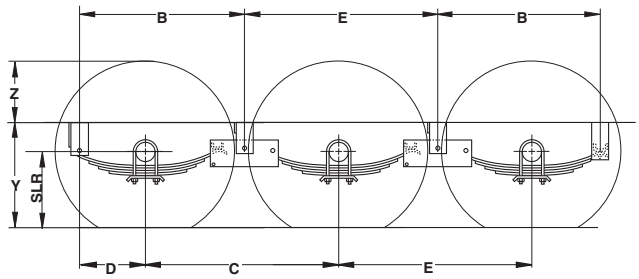
	Single	Tandem		Triple	
	A/P-103-00	**A/P-202-00§**	**A/P-216-00‡**	**A/P-302-00§**	**A/P-316-00‡**
A	24.0	----	----	----	----
B	----	28.8	30.4	28.8	30.4
C	----	33.5	36.0	33.5	36.0
D	11.5	11.5	11.5	11.5	11.5
E	----	----	----	33.0	35.0

Note: All 2" wide slipper springs

§ For 33.5" axle spacing ‡ For 36" axle spacing







A, B, E – Hanger Spacing
C – Axle Spacing
D – Axle Location
H – Center of Spindle
Y – Frame Height
Z – Top of Tire to Bottom of Frame
SLR – Static Load Radius

To determine these values, contact your local sales engineer or distributor to run ProSpec™.

Some combinations of hangers and spring mountings may result in insufficient bump clearance. Refer to the Miscellaneous section for additional hanger kits, A/P kits, or other tires.

D72 Overhang Per Side

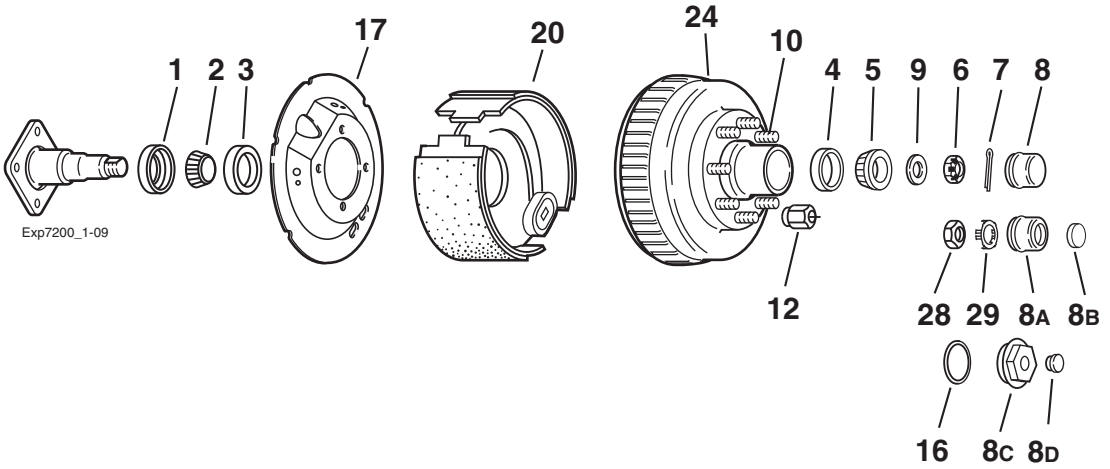
	Min.	Max.
Straight	7.00"	9.00"
4" Drop	7.87"	9.00"

Single Axles
require 1 HAP-105-00 kit
Tandem Axles
require 1 HAP-105-00 kit and 1 HAP-205-01 kit
Triple Axles
require 1 HAP-105-00 kit and 2 HAP-205-01 kits

Rubber Bushed Suspension

Part No.	**Description**	**Height**	**HAP-105-00**	**HAP-205-01**
028-068-02	Front Hanger	5.50"	2	----
029-039-04	Center Hanger	4.50"	----	2
030-068-02	Rear Hanger	4.85"	2	----
006-011-00	5/16-18 UNC Locknut	----	2	2
006-038-00	5/8-11 UNC Locknut	----	2	2
006-112-00	1-8 UNC Locknut	----	----	2
007-007-00	Keeper Bolt	----	2	2
007-181-00	Spring Eye Bolt	----	2	2
007-182-00	Equalizer Bolt	----	----	2
013-117-03	Equalizer	----	----	2
059-200-00	Decal	----	1	1
059-203-00	Instruction Sheet	----	1	1

865 Hub Group



Grease Lube Parts

Item	Part No.	Description
1	010-036-00	Seal
2	031-030-02	25580 Inner Bearing Cone
3	031-030-01	25520 Inner Bearing Cup
4	031-028-01	02420 Outer Bearing Cup
5	031-028-02	02475 Outer Bearing Cone
6	006-176-00	Spindle Nut
7	019-002-00	Cotter Pin (not used with E-Z Lube®)
8	021-039-00	Grease Cap
8A	021-043-01	Grease Cap for E-Z Lube®
8B	085-001-00	E-Z Lube® Rubber Plug
9	005-057-00	Spindle Washer
28	006-191-00	Special Jam Nut for E-Z Lube® (after 2002)
29	006-190-00	Spindle Nut Retainer for E-Z Lube® (after 2002)

Oil Lube Parts

Item	Part No.	Description
1	010-063-00	Seal (Unitized)
2	031-030-02	25580 Inner Bearing cone
3	031-030-01	25520 Inner Bearing Cup
4	031-028-01	02420 Outer Bearing Cup
5	031-028-02	02475 Outer Bearing Cone
6	006-176-00	Spindle Nut
7	019-002-00	Cotter Pin
9	005-057-00	Spindle Washer
8C	021-035-00	Oil Cap
8D	046-032-00	Oil Cap Plug
ns	046-052-00	Oil Filler Plug (service part only)
16	010-045-00	'O' Ring for Oil Lube

Studs & Wheel Nuts

Item	Part No.	Description
10	007-122-00	½-20 Press-in Stud
10	007-224-00	⅝-18 Press-in Stud
10	007-223-00	9/16-18-18 Press-in Stud
12	006-053-00	9/16-18 60° Cone Nut
12	006-109-00	⅝-18 90° Cone Nut
ns	006-058-00	⅝-18 Flange Nut

Note: Spindle is not available for resale.

Hubs
(After May 2000 for cast backing plate brakes)

Item	Part No.	Description	Bolt Circle
24	008-393-10	Grease ½" Stud	8 on 6.50
24	008-393-04	Grease 9/16" Stud	8 on 6.50
24	008-393-06	Grease ⅝" Stud	8 on 6.50
24	008-393-09	Oil ½" Stud	8 on 6.50
24	008-393-03	Oil 9/16" Stud	8 on 6.50
24	008-393-05	Oil ⅝" Stud	8 on 6.50

Brakes
(After May 2000 with cast backing plate brakes)

Item	Part No.	Description
17	036-118-20	Dust Shield not included with brake assembly
20	K23-429-00	RH 12¼" x 2½" Electric Brakes
20	K23-428-00	LH 12¼" x 2½" Electric Brakes

Service Parts Not Interchangeable With Cast Parts

Hubs
(Before May 2000 for stamped backing plate brakes)

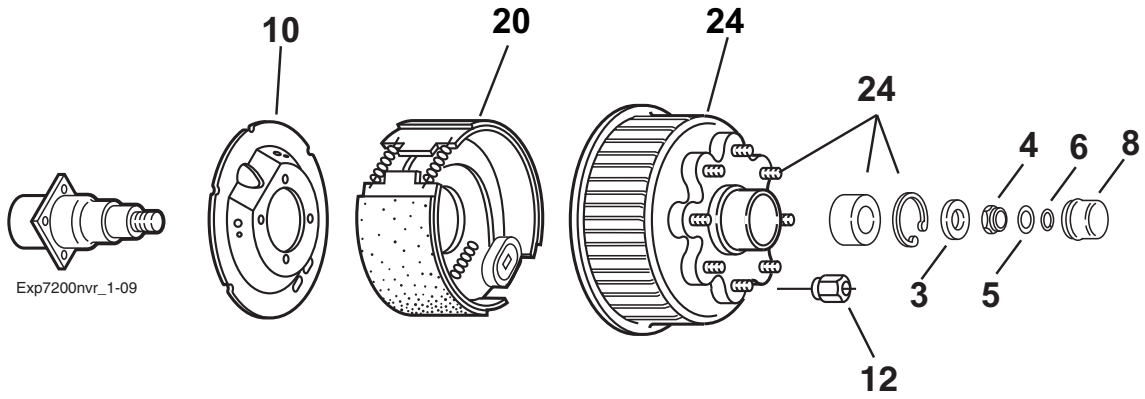
Item	Part No.	Description	Bolt Circle
24	008-355-13	Grease 9/16" Stud	8 on 6.50
24	008-355-15	Grease ⅝" Stud	8 on 6.50
24	008-355-12	Oil 9/16" Stud	8 on 6.50
24	008-355-14	Oil ⅝" Stud	8 on 6.50

Brakes
(Before May 2000 with stamped backing plate brakes)

Item	Part No.	Description
17	036-110-00	Dust Shield (top) included with brake assembly
17	036-110-01	Dust Shield (bottom) included with brake assembly
20	023-369-00	RH 12¼" x 2½" Electric Brakes
20	023-370-00	LH 12¼" x 2½" Electric Brakes

ns - not shown

865 Nev-R-Lube® Hub Group



Nev-R-Lube® Parts 50MM

Item	Part No.	Description
3	005-149-00	Spindle Washer
4	006-183-00	Spindle Nut
5	092-002-00	Washer, Torque Label
6	069-096-00	Snap Ring
8	021-086-00	Grease Cap

12¼" x 2½" Brakes

Item	Part No.	Description
10	036-118-20	Dust Shield
20	K23-428-00/K23-429-00	LH/RH Manual Adjust Electric Brake

Note: Spindle is not available for resale.

Hubs With Bearing and Wheel Studs

Item	Part No.	Description	Bolt Circle
24	008-395-80	Hub and Drum includes: 007-223-00 9/16" Press-in Studs 031-071-03 50mm Bearing Cartridge 069-093-00 Bearing Retainer	8 on 6.50
ns	008-395-81	Hub and Drum includes: 007-224-00 5/8" Press-in Studs 031-071-03 50mm Bearing Cartridge 069-093-00 Bearing Retainer	8 on 6.50

Wheel Nuts

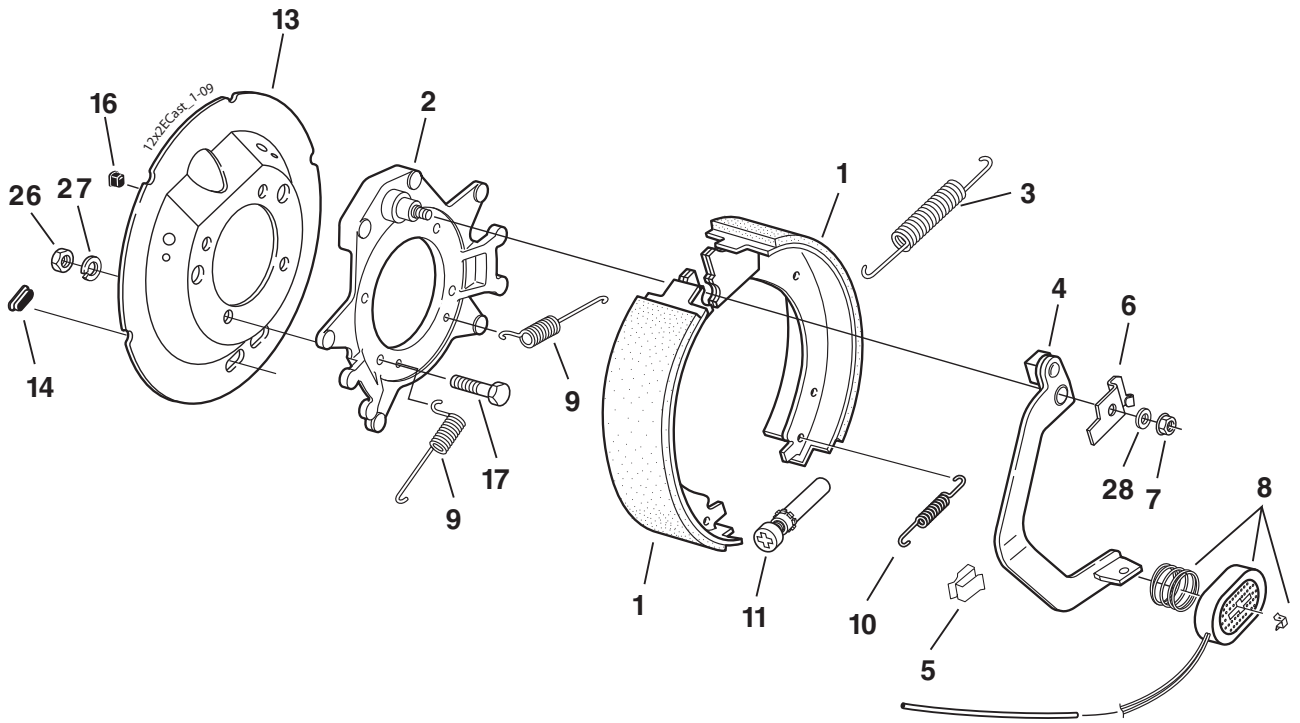
Item	Part No.	Description
12	006-053-00	9/16-18 60° Cone Nut
ns	006-109-00	5/8-18 90° Cone Nut
ns	006-058-00	5/8-18 Flange Nut

ns - not shown

12¼" x 2½" Electric Brake – Cast Backing Plate

7200 LBS. CAPACITY

CSA approved at 7100#/14.2 SLR



Electric Brake

Item	Part No.	Qty/Brk	Description
0	K23-428-00	1	LH Complete Brake Assembly (shown)
0	K23-429-00	1	RH Complete Brake Assembly
1	K71-497-00	1	LH Shoe & Lining Kit Contains: 1 #040-348-01 LH Primary Shoe & Lining 1 #040-349-02 LH Secondary Shoe & Lining
1	K71-496-00	1	RH Shoe & Lining Kit Contains: 1 #040-349-01 RH Primary Shoe & Lining 1 #040-348-02 RH Secondary Shoe & Lining
2	036-119-02	1	Backing Plate
3	046-119-00	1	Shoe Return (gray)
4	047-124-05	1	LH Actuating Lever Arm Assembly
4	047-125-05	1	RH Actuating Lever Arm Assembly
5	027-039-00	3	Wire Clip
6	071-455-01	1	LH Lever Arm Retainer
6	071-455-02	1	RH Lever Arm Retainer
7	006-092-01	1	Flange Nut
8	K71-378-00	1	Magnet Kit Contains: 1 #042-131-00 Magnet (red/black wire after 6/17) 1 #027-050-00 Magnet Retainer 1 #046-117-00 Magnet Spring
9	046-136-00	2	Centering Spring
10	046-018-00	1	Adjuster Spring (red)
11	048-017-00	1	Adjuster Assembly
*13	036-118-20	1	Dust Shield (sold separately)
*14	046-007-00	2	Adjuster Slot Plug
*16	046-016-00	1	Magnet Wire Grommet
*17	007-251-00	4	Brake Mounting Bolt
*26	006-129-00	4	Hex Nut
*27	005-058-00	4	Lock Washer
28	005-142-00	1	Washer

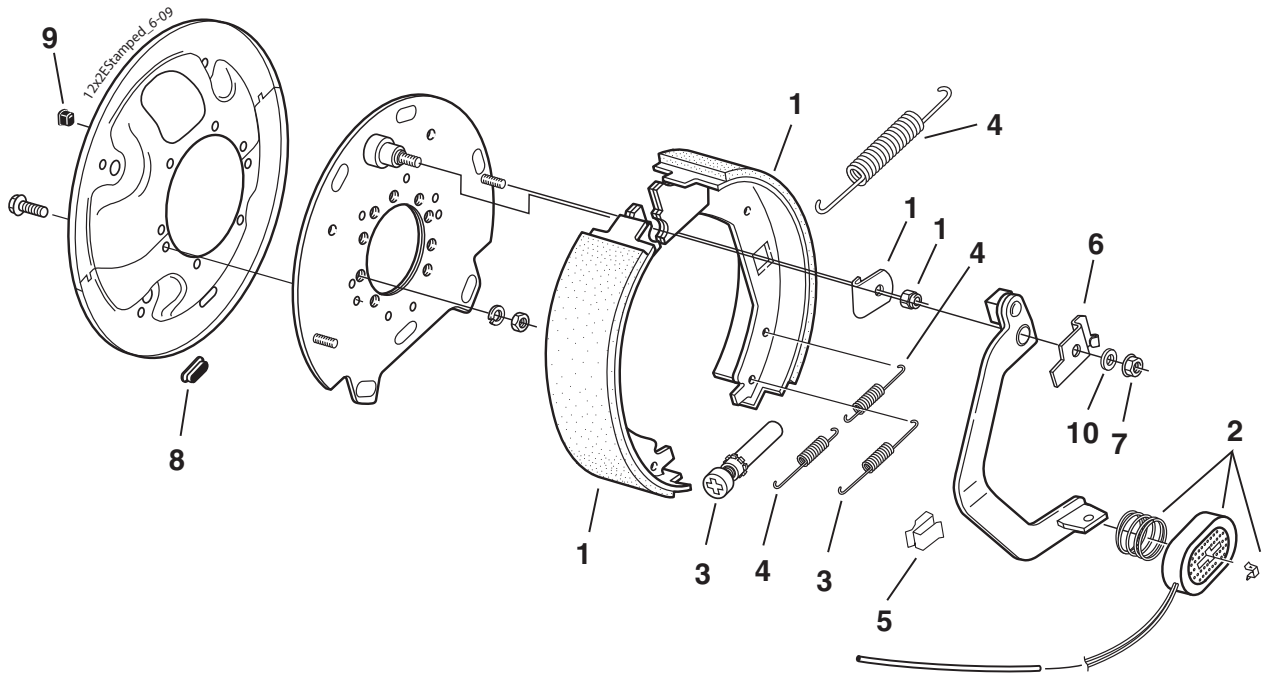
* Not included with complete brake assembly. Item sold separately.

Brakes manufactured after May 2000 use the cast backing plate

12¼" x 2½" Electric Brake – Stamped Backing Plate

Service Parts Only

CSA approved at 7100#/14.2 SLR



Electric Brake – Service Parts Only

Item	Part No.	Qty/Brk	Description
0	023-369-00	1	RH Complete Brake Assembly (obsolete-no longer available)
0	023-370-00	1	LH Complete Brake Assembly (obsolete-no longer available)
1	K71-410-00	1	Shoe & Lining Kit Contains: 1 #040-310-01 RH Primary S&L or LH Secondary S&L 1 #040-309-01 LH Primary S&L or RH Secondary S&L 2 #005-107-00 Shoe Hold Down Washer 2 #006-127-00 Locknut
2	K71-378-00	1	Magnet Kit Contains: 1 #042-131-00 Magnet (red/black wire after 6/17) 1 #027-050-00 Magnet Retainer 1 #046-117-00 Magnet Spring
3	K71-411-00	1	Adjusting Screw Kit Contains: 1 #046-018-00 Adjuster Spring (red) 1 #046-017-00 Adjuster Assembly
4	K71-412-00	1	Brake Spring Kit Contains: 1 #046-119-00 Shoe Return (gray) 1 #046-117-00 Magnet Spring 2 #046-120-00 Centering Spring 1 #046-018-00 Adjuster Spring (red)
5	027-039-00	3	Wire Clip
6	071-455-01	1	LH Lever Arm Retainer
6	071-455-02	1	RH Lever Arm Retainer
7	006-092-01	1	Flange Nut
8	046-007-00	2	Adjuster Slot Plug
9	046-016-00	1	Magnet Wire Grommet
10	005-142-00	1	Washer

Note: Only numbered items are available.

Brakes manufactured before May 2000 use the stamped backing plate

AIRFLEX® Light Trailer Suspension System

7200 LBS. CAPACITY



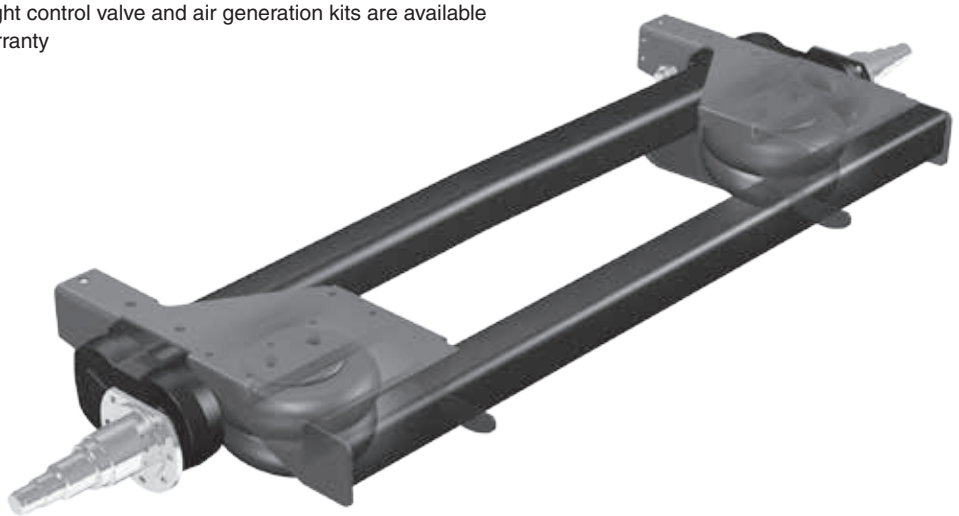




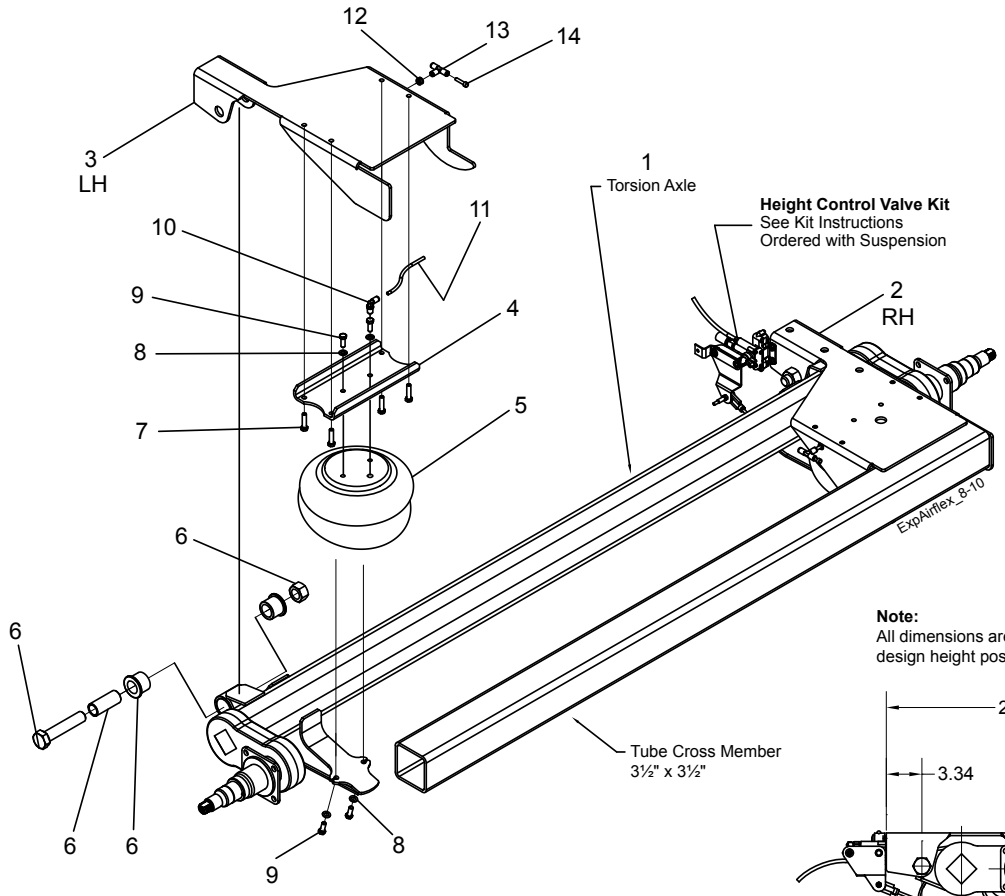
AIRFLEX® AIR RIDE SUSPENSION

Smooth Out the Roughest Roads

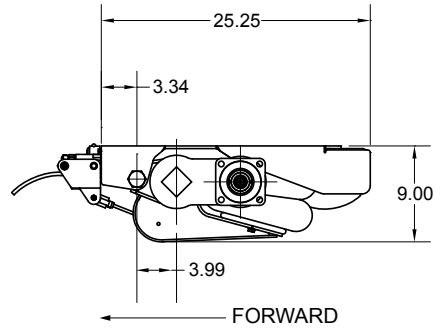
- Soft Ride – New hybrid suspension combines air and rubber torsion for an excellent ride
- Independent – Ride and stability improve with independent wheel action
- Equalizing – Axle-to-axle load equalization allows use on triple axle trailers
- Reliable – Rubber cushions ride even if air is not available
- Maintains constant ride height for the ultimate ride
- Fully assembled for easy installation
- Adjustable axle alignment feature
- Available for single, tandem or triple axle applications
- Optional ride height control valve and air generation kits are available
- 2 year limited warranty



AIRFLEX® for 7,200 Lb. Axles – After May 2010



Note:
All dimensions are shown at the design height position



Bolt Torque Chart	
Size	Ft. Lbs.
⅜-16	25
¾-10	270

AIRFLEX® Suspension Components 7200#

Item	Part No.	Qty/Axle	Description
1	n/a	1	Torsion Axle with Suspension Brackets
2	003-327-00	1	RH Frame Bracket
3	003-326-00	1	LH Frame Bracket
4	003-323-00	2	Channel, Air Spring Support
5	W01-358-6947	2	Firestone Air Spring
6	K71-734-00	1	Airflex Pivot Bushing Replacement Kit Contains: 2 #006-287-00 Nut, Hex Locking 2 #007-466-00 Bolt, Hex 2 #014-123-00 Pivot Bushing Assembly 2 #014-127-00 Pivot Bushing Spacer
7	n/a	8	⅜-16 UNC x 1.5" LG HHCS
8	n/a	8	⅜ Regular Split Lock Washer
9	n/a	8	⅜-16 UNC x 1" LG HHCS
10	n/a	2	¼ NPTM x ¼ T 90° Elbow, Swivel
11	n/a	2	¼ x 6.25" LG Nylon Tube
12	n/a	2	Grommet
13	n/a	2	¼ T Union Tee
14	n/a	2	¼ T Plug
Air Supply Kits			
ns	K71-692-01	-	Ride Height Control Kit
ns	K71-692-02	-	Air Supply and Control Kit
ns	K71-692-03	-	Air Control Kit Without Air Supply
ns	059-809-00	-	Installation Instructions (available on Dexter website)

n/a - not available

ns - not shown

General Applications





Axle Types

8000 Lbs. Capacity

- Complete service manual
- Precision machined steel spindles and integral cast iron hub/drums
- Standard oil bath lubrication; grease or Nev-R-Lube® option
- Press-in wheel studs, 9⁄16" or 5⁄8"
- Hydraulic brakes are available with and without parking feature
- Hydraulic brakes – uni-servo and duo-servo available
- Hydraulic disc brakes available
- 12¼" x 3⅜" electric brakes CSA approved at 8,000 lbs.
- 12¼" x 3⅜" self adjusting electric and hydraulic brakes
- Inner wiring system for easier installation and protection of brake wiring
- Heavy wall 3½" diameter tube
- Straight or Drop spindles (4" drop only)
- High quality alloy steel springs in a variety of capacities
- Single, tandem or triple axle assemblies with equalized suspensions

D80 LEAF SPRING



- Slipper leaf spring suspension
- Heavy duty suspension parts available
- Optional rubber bushed suspension
- Optional hanger and attaching parts kits available
- Durable, wear-resistant components
- 5 year limited warranty

13 13T TORFLEX®



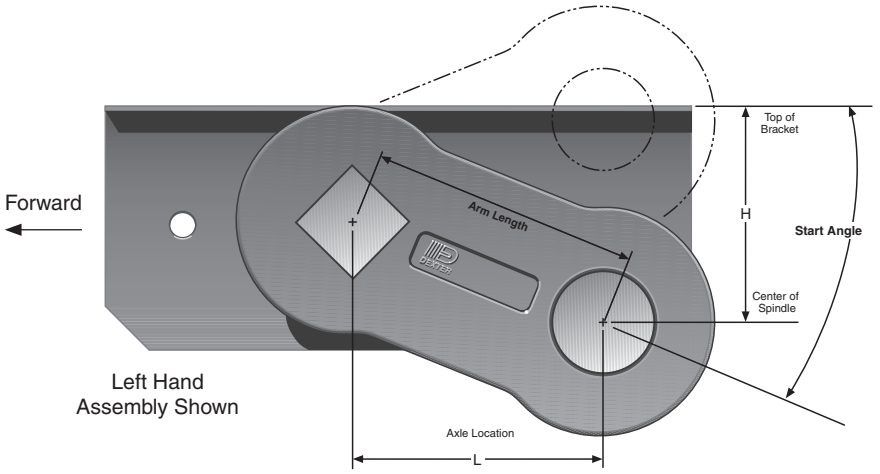
- Totally rubber-cushioned for smooth, quiet, independent ride
- Easy installation with less maintenance
- Less transfer of road shock which insulates cargo from road shocks and vibration
- Rubber cords compounded for maximum dependability and durability
- Load-carrying cross member
- Self-damping action
- Independent wheel suspension system
- 10 year limited warranty on Torflex® suspension system
- Low profile for maximum road clearance
- Various starting angles to control trailer height
- High and low profile brackets with optional mounting brackets are available
- Rubber cushioning eliminates metal-to-metal contact
- Shock absorption provided by the natural hysteresis of rubber
- Single or tandem axle assemblies
- Durable, wear-resistant components

CAUTION: Triple axle assemblies are NOT recommended for #13 Torflex® axles, however the #13T axle is designed for triple applications.

Torflex® Application Information

Articulation Dimensions

Dimensions are for top mount only. Side mount is .31" higher. Allow 3" bump clearance from full load.



Note: #13T is not available with low profile

		No Load		Full Load		Shock Load	
Start Angle	**Bracket Profile**	**H**	**L**	**H**	**L**	**H**	**L**
45° Down	Low	6.49	4.24	4.55	5.54	3.42	5.88
	High	7.18	4.24	5.24	5.54	4.11	5.88
32° Down	Low	5.43	5.09	3.24	5.92	2.07	6.00
	High	6.12	5.09	3.93	5.92	2.76	6.00
22.5° Down	Low	4.55	5.54	2.25	6.00	1.08	5.88
	High	5.24	5.54	2.94	6.00	1.77	5.88
10° Down	Low	3.29	5.91	0.95	5.86	-0.17	5.49
	High	3.98	5.91	1.64	5.86	0.52	5.49
0°	Low	2.25	6.00	-0.05	5.54	-1.08	4.99
	High	2.94	6.00	0.64	5.54	-0.39	4.99
10° Up	Low	1.21	5.91	-0.97	5.06	-1.90	4.33
	High	1.90	5.91	-0.28	5.06	-1.21	4.33
22.5° Up	Low	-0.05	5.54	-1.99	4.24	-2.74	3.33
	High	0.64	5.54	-1.30	4.24	-2.05	3.33

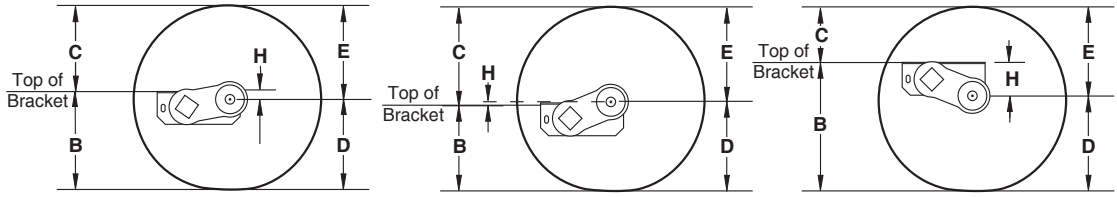
H = Height
L = Length

Note: Positive numbers in the H column indicate the spindle is BELOW the top of the bracket. Conversely, negative numbers are ABOVE the top of the bracket.

Torflex® Application Information

Full Load Dimensions

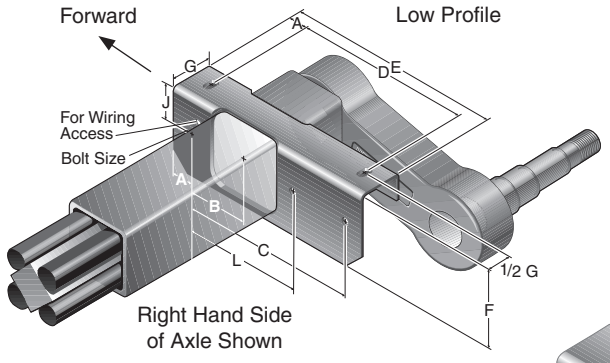
Dimensions are for low profile, top mount only. High profile brackets are .75" higher. Side mount is .31" higher. Allow 3" bump clearance from full load.

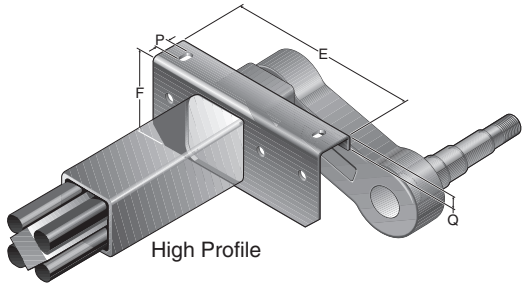


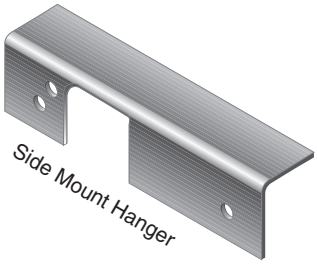
Start Angle

Tire	45° Down					32° Down					22.5° Down		
	D	E	H	B	C	D	E	H	B	C	H	B	C
10R17.5HC	15.6	18.0	4.6	20.2	13.4	15.6	18.0	3.2	18.8	14.8	2.3	17.9	15.7
215/75R17.5	14.0	15.3	4.6	18.6	10.7	14.0	15.3	3.2	17.2	12.1	2.3	16.3	13.0
12-16.5LT	14.9	15.8	4.6	19.5	11.2	14.9	15.8	3.2	18.1	12.6	2.3	17.2	13.5
9.50-16.5LT	14.1	15.2	4.6	18.7	10.6	14.1	15.2	3.2	17.3	12.0	2.3	16.4	12.9
9R17.5HC	15.4	17.1	4.6	20.0	12.5	15.4	17.1	3.2	18.6	13.9	2.3	17.7	14.8

Tire	10° Down			0°			10° Up			22.5° Up		
	H	B	C	H	B	C	H	B	C	H	B	C
10R17.5HC	1.0	16.6	17.0	-0.1	15.5	18.1	-1.0	14.6	19.0	-2.0	13.6	20.0
215/75R17.5	1.0	15.0	14.3	-0.1	13.9	15.4	-1.0	13.0	16.3	-2.0	12.0	17.3
12-16.5LT	1.0	15.9	14.8	-0.1	14.8	15.9	-1.0	13.9	16.8	-2.0	12.9	17.8
9.50-16.5LT	1.0	15.1	14.2	-0.1	14.0	15.3	-1.0	13.1	16.2	-2.0	12.1	17.2
9R17.5HC	1.0	16.4	16.1	-0.1	15.3	17.2	-1.0	14.4	18.1	-2.0	13.4	19.1







#13 Bracket Dimensions

	Low	High
A	1.22	1.22
B	3.63	3.63
C	10.56	10.56
D	10.56	10.56
E	13.00	13.00
F	4.81	5.50
G	2.50	2.50
J	2.25	2.25
L	7.26	7.26
P	----	1.00
Q	----	1.00
Bolt Size	⅝" bolt	
Tube Size	3.88	3.88

#13 Overhang Per Side

Spindle	Min.	Max.
Short	8.50"	21.50"
Standard	9.00"	21.50"

#13T Overhang Per Side

Spindle	Min.	No Bracket Zone	Max.
Short	8.56"	10.13" - 10.75"	11.75"
Standard	9.25"	10.63" - 11.25"	12.25"

Leaf Spring Application Information

Double Eye Springs

For Standard 33" Axle Spacing
Single A/P-122-00
Tandem A/P-233-00
Triple A/P-335-00

	Spring Length 21"	24"	26"
A	19.62	23.50	25.75
B	25.00	27.50	29.50
C	28.75	31.00	33.00
D	10.62	12.00	13.00
E	28.75	31.00	33.00

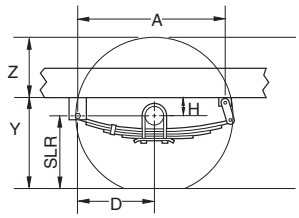
For Optional 35" Axle Spacing
Tandem A/P-264-00
Triple A/P-364-00

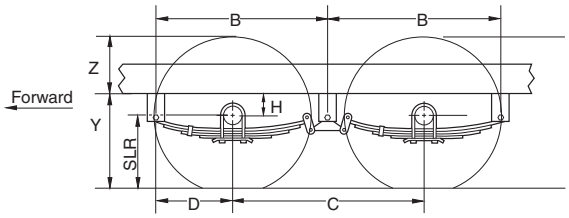
	Spring Length 21"	24"	26"
B	26.00	28.50	30.50
C	30.80	33.00	35.00
D	10.62	12.00	13.00
E	30.80	33.00	35.00

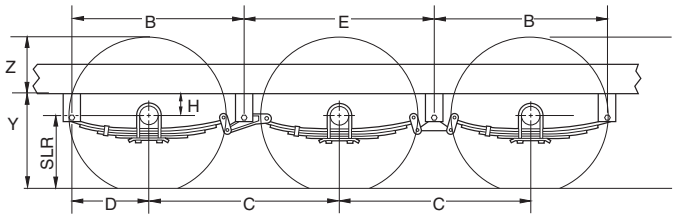
D80 Overhang Per Side

	Min.	Max.
Straight	8.00"	9.50"
4" Drop	9.00"	9.50"
Nev-R-Lube®	8.00"	9.50"

* Minimum overhang with disc brakes







Double Eye Axle Assemblies

Hanger Kits

Part No.	Description	Height	Quantity Per Kit HGR-105-00	HGR-271-00	HGR-274-00	HGR-371-00
028-070-00	Hanger	4.25"	----	6	----	8
028-006-00	Front Hanger	1.44"	2	----	----	----
028-010-01	Front Hanger	5.00"	----	----	6	----
030-020-00	Rear Hanger	.91"	----	----	----	----

Attaching Parts Kits

Part No.	Description	A/P-122-00	A/P-233-00	A/P-264-00†	A/P-335-00	A/P-364-00†
006-092-01	Flange Locknut	6	14	14	22	22
007-126-00	Shackle Bolt	2	6	6	10	10
013-104-02	Equalizer	----	2	----	2	----
013-105-02	Equalizer	----	----	----	2	----
013-122-02	Equalizer	----	----	2	----	2
013-126-02	Equalizer	----	----	----	----	2
018-011-00	Shackle Link	----	4	4	6	6
018-012-00	Shackle Link, Long	2	----	----	----	----
018-020-00	Shackle Link Assembly	----	4	4	6	6
018-021-00	Shackle Link Assembly, Long	2	----	----	----	----

† For 35" axle spacing using 26" springs

Leaf Spring Application Information

Slipper Spring Axle Assemblies

Hanger Kits			Quantity Per Kit		
Part No.	**Description**	**Height**	**HGR-138-00**	**HGR-238-00**	**HGR-338-00**
028-009-01	Front Hanger	5.00"	2	2	2
029-005-01	Center Hanger	4.50"	----	2	4
030-006-01	Rear Hanger	6.38"	2	2	2

Attaching Parts Kits						
Part No.	**Description**	**A/P-103-00**	**A/P-202-00§**	**A/P-216-00‡**	**A/P-302-00§**	**A/P-316-00‡**
006-007-01	9/16-18 Locknut	2	4	4	6	6
006-011-00	Keeper Nut	2	4	4	6	6
006-111-00	Equalizer Nut	----	2	2	4	4
007-001-01	Equalizer Bolt	----	2	2	4	4
007-007-00	Keeper Bolt	2	4	4	6	6
007-017-00	Spring Eye Bolt	2	4	4	6	6
013-004-00	Equalizer	----	2	----	4	----
013-044-01	Equalizer	----	----	2	----	4

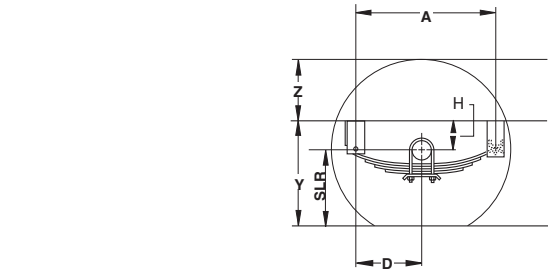
§ For 33.5" axle spacing ‡ For 36" axle spacing

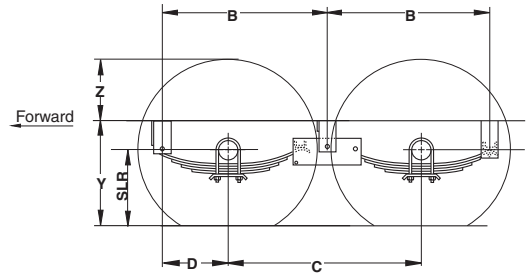
Slipper Springs

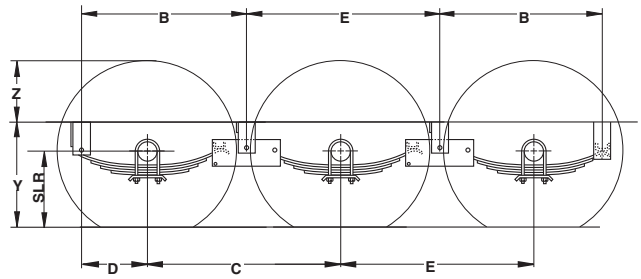
	Single	Tandem		Triple	
	A/P-103-00	**A/P-202-00§**	**A/P-216-00‡**	**A/P-302-00§**	**A/P-316-00‡**
A	24.0	----	----	----	----
B	----	28.8	30.4	28.8	30.4
C	----	33.5	36.0	33.5	36.0
D	11.5	11.5	11.5	11.5	11.5
E	----	----	----	33.0	35.0

Note: All 2" wide slipper springs

§ For 33.5" axle spacing ‡ For 36" axle spacing







A, B, E – Hanger Spacing
C – Axle Spacing
D – Axle Location
H – Center of Spindle
Y – Frame Height
Z – Top of Tire to Bottom of Frame
SLR – Static Load Radius

To determine these values, contact your local sales engineer or distributor to run ProSpec™.

Some combinations of hangers and spring mountings may result in insufficient bump clearance. Refer to the Miscellaneous section for additional hanger kits, A/P kits, or other tires.

D80 Overhang Per Side

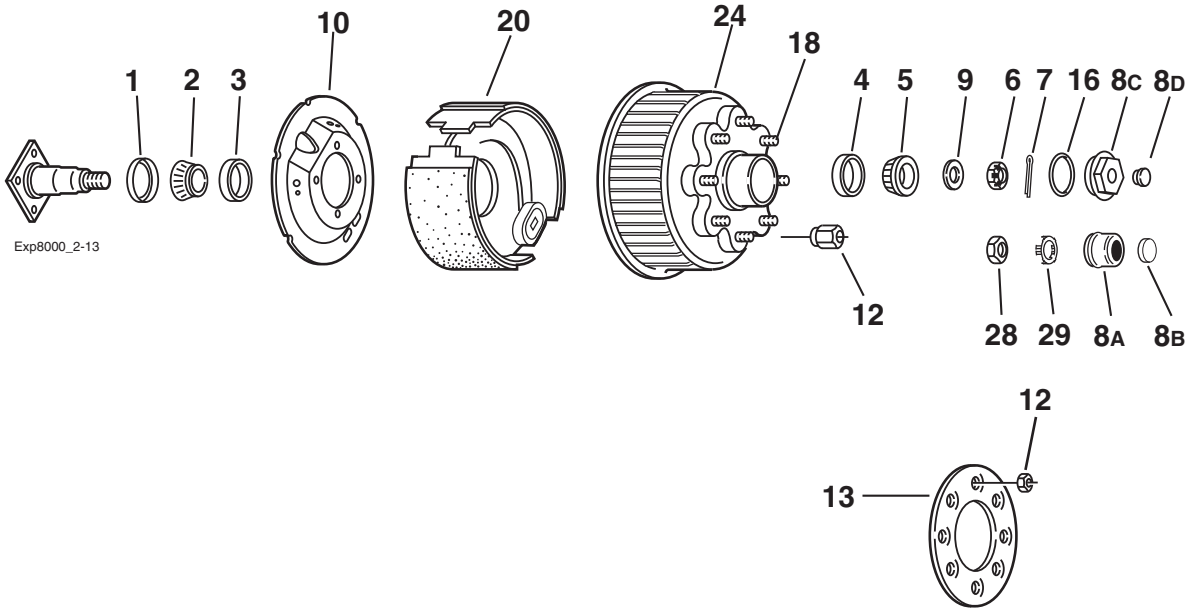
	Min.	Max.
Straight	8.00"	9.50"
4" Drop	9.00"	9.50"

Single Axles
require 1 HAP-105-00 kit
Tandem Axles
require 1 HAP-105-00 kit
and 1 HAP-205-01 kit
Triple Axles
require 1 HAP-105-00 kit
and 2 HAP-205-01 kits

Rubber Bushed Suspension

Part No.	Description	Height	HAP-105-00	HAP-205-01
028-068-02	Front Hanger	5.50"	2	----
029-039-04	Center Hanger	4.50"	----	2
030-068-02	Rear Hanger	4.85"	2	----
006-011-00	5/16-18 UNC Locknut	----	2	2
006-038-00	5/8-11 UNC Locknut	----	2	2
006-112-00	1-8 UNC Locknut	----	----	2
007-007-00	Keeper Bolt	----	2	2
007-181-00	Spring Eye Bolt	----	2	2
007-182-00	Equalizer Bolt	----	----	2
013-117-03	Equalizer	----	----	2
059-200-00	Decal	----	1	1
059-203-00	Instruction Sheet	----	1	1

865 Hub Group



Grease Lube Parts

Item	Part No.	Description
1	010-036-00	Seal
2	031-030-02	25580 Inner Bearing Cone
3	031-030-01	25520 Inner Bearing Cup
4	031-028-01	02420 Outer Bearing Cup
5	031-028-02	02475 Outer Bearing Cone
6	006-176-00	Spindle Nut
7	019-002-00	Cotter Pin (not used with E-Z Lube®)
ns	021-039-00	Grease Cap
8A	021-043-01	Grease Cap for E-Z Lube®
8B	085-001-00	E-Z Lube® Rubber Plug
9	005-057-00	Spindle Washer
28	006-191-00	Special Jam Nut for E-Z Lube® (after 2002)
29	006-190-00	Spindle Nut Retainer for E-Z Lube® (after 2002)

Oil Lube Parts

Item	Part No.	Description
1	010-063-00	Seal (Unitized)
2	031-030-02	25580 Inner Bearing Cone
3	031-030-01	25520 Inner Bearing Cup
4	031-028-01	02420 Outer Bearing Cup
5	031-028-02	02475 Outer Bearing Cone
6	006-176-00	Spindle Nut
7	019-002-00	Cotter Pin
8C	021-035-00	Oil Cap
8D	046-032-00	Oil Cap Plug
9	005-057-00	Spindle Washer
ns	046-052-00	Oil Filler Plug (service part only)
16	010-045-00	'O' Ring for Oil Lube

ABS Components

Part No.	Description
097-004-00	Sensor, Straight
024-204-00	Sensor Block, Screw-In
097-002-00	Sensor Retainer Clip
024-205-01	Sensor Tone Ring

Note: Spindle is not available for resale.

12¼" x 3⅜" Brakes

Item	Part No.	Description
10	036-115-20	Dust Shield
10	036-115-24	Dust Shield for brakes with park
20	K23-434-00/K23-435-00	LH/RH Electric Self-Adjust
ns	K23-432-00/K23-433-00	LH/RH Electric Manual Adjust
ns	K23-402-00/K23-403-00	LH/RH Hydraulic Self-Adjust Duo-Servo
ns	K23-171-00/K23-172-00	LH/RH Hyd. Self-Adj Duo-Servo w/Park
ns	K23-418-00/K23-419-00	LH/RH Hydraulic Uni-Servo
ns	K23-252-00/K23-253-00	LH/RH Hydraulic Uni-Servo w/Park
ns	K23-420-00/K23-421-00	LH/RH Self Adj. DS Corrision Resistant
ns	K23-388-00/K23-387-00	LH/RH Hyd. Manual Adjust Duo-Servo

Hubs

Item	Part No.	Description	Bolt Circle
Hubs and Drums			
24	008-285-08	Grease ⅝" Stud	8 on 6.50
24	008-285-15	Grease ⅝" Stud ABS	8 on 6.50
24	008-285-11	Grease 9/16" Stud	8 on 6.50
24	008-285-13	Grease 9/16" Stud ABS	8 on 6.50
24	008-285-10	Oil ⅝" Stud	8 on 6.50
24	008-285-14	Oil ⅝" Stud ABS	8 on 6.50
24	008-285-09	Oil 9/16" Stud	8 on 6.50
24	008-285-12	Oil 9/16" Stud ABS	8 on 6.50
Plain Hubs			
ns	008-287-07	Grease ⅝" Stud	8 on 6.50
ns	008-287-11	Grease 9/16" Stud	8 on 6.50
ns	008-287-14	Oil 9/16" Stud	8 on 6.50
ns	008-287-17	Oil ⅝" Stud	8 on 6.50

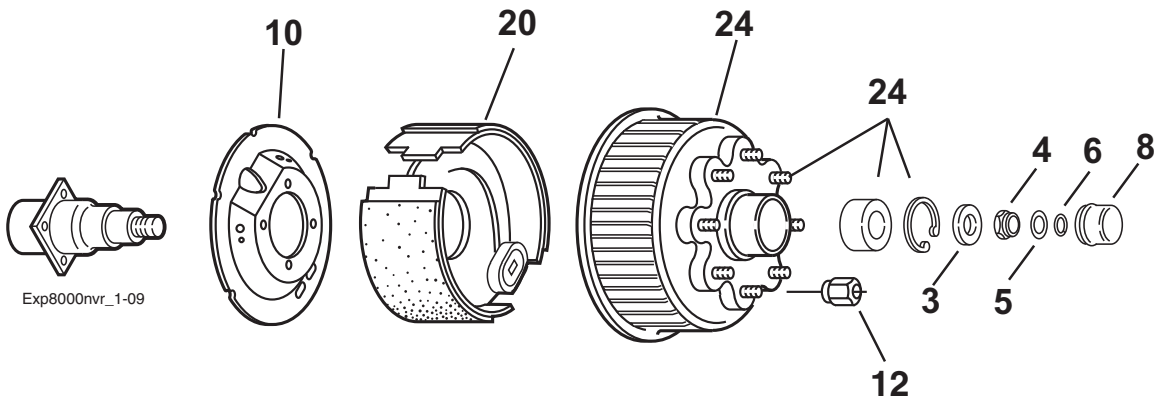
Studs & Wheel Nuts

Item	Part No.	Description	Nut Torque
12	006-053-00	9/16-18 60° Cone Nut	
*12	006-109-00	⅝-18 90° Cone Nut	200 lbs.-ft
*13	033-052-01	Clamp Ring	
18	007-132-00	9/16-18 Press-in Stud	
18	007-232-00	⅝-18 Press-in Stud	
ns	006-058-00	⅝-18 Flange Nut	

ns - not shown

* Must use the 90° cone nut with the clamp ring. Alternate fastener is just the flange nut.

865 Nev-R-Lube® Hub Group



Exp8000nvr_1-09

Nev-R-Lube® Parts 50MM

Item	Part No.	Description
3	005-149-00	Spindle Washer
4	006-183-00	Spindle Nut
5	092-002-00	Washer, Torque Label
6	069-096-00	Snap Ring
8	021-086-00	Grease Cap

12¼" x 3⅜" Brakes

Item	Part No.	Description
10	036-115-20	Dust Shield
10	036-115-24	Dust Shield for brakes with park
20	K23-434-00/K23-435-00	LH/RH Electric Self-Adjust
ns	K23-402-00/K23-403-00	LH/RH Hydraulic Self-Adjust Duo-Servo
ns	K23-171-00/K23-172-00	LH/RH Hyd. Self-Adj Duo-Servo w/Park
ns	K23-418-00/K23-419-00	LH/RH Hydraulic Uni-Servo
ns	K23-252-00/K23-253-00	LH/RH Hydraulic Uni-Servo w/Park

ABS Hubs Without Bearing

Item	Part No.	Description	Bolt Circle
24	008-389-09	Grease ⅝" Stud ABS	8 on 6.50
24	008-389-12	Grease 9/16" Stud ABS	8 on 6.50

Note: Spindle is not available for resale.

Hubs With Bearing and Wheel Studs

Item	Part No.	Description	Bolt Circle
24	008-389-81	Hub and Drum includes: 007-223-00 9/16" Press-in Studs 031-071-03 50mm Bearing Cartridge 069-093-00 Bearing Retainer	8 on 6.50
ns	008-389-80	Hub and Drum includes: 007-224-00 ⅝" Press-in Studs 031-071-03 50mm Bearing Cartridge 069-093-00 Bearing Retainer	8 on 6.50

Wheel Nuts

Item	Part No.	Description
12	006-053-00	9/16-18 60° Cone Nut
ns	006-109-00	⅝-18 90° Cone Nut

ABS Components

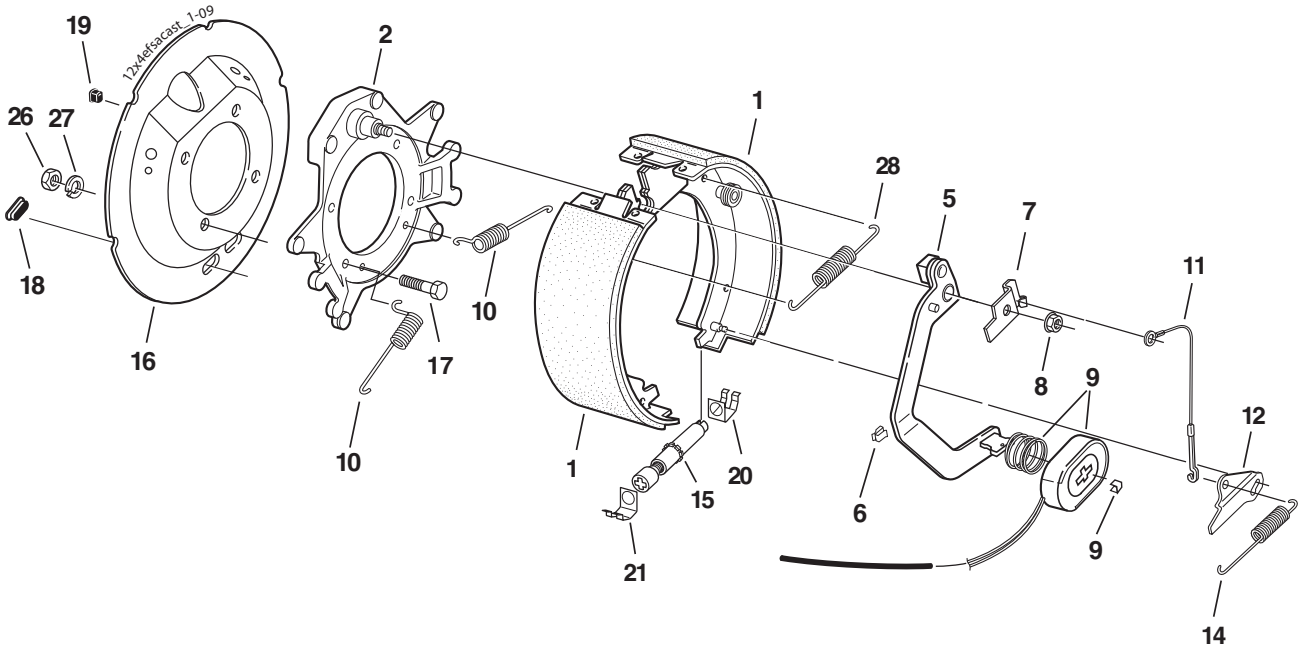
Part No.	Description
097-004-00	Sensor, Straight
024-204-00	Sensor Block, Screw-In
097-002-00	Sensor Retainer Clip

ns - not shown

12¼" x 3⅜" 8K Electric Brake FSA

Cast Backing Plate

CSA approved at 8000#/14.2 SLR



Electric Brake

Item	Part No.	Qty/Brk	Description
0	K23-434-00	1	LH Complete Brake Assembly (shown)
0	K23-435-00	1	RH Complete Brake Assembly
1	K71-499-00	1	LH Shoe & Lining Kit Contains: 1 #040-350-01 LH Primary Shoe & Lining 1 #040-351-02 LH Secondary Shoe & Lining
1	K71-498-00	1	RH Shoe & Lining Kit Contains: 1 #040-351-01 RH Primary Shoe & Lining 1 #040-350-02 RH Secondary Shoe & Lining
2	036-119-02	1	Backing Plate Assembly
5	047-123-38	1	LH Actuating Arm Assembly
5	047-123-37	1	RH Actuating Arm Assembly
6	027-039-00	3	Wire Clip
7	071-455-01	1	LH Arm/Shoe Retainer
7	071-455-02	1	RH Arm/Shoe Retainer
8	006-092-01	1	Flange Nut
9	K71-378-00	1	Magnet Kit Contains: 1 #042-131-00 Magnet (red/black wire after 6/17) 1 #027-050-00 Magnet Retainer Clip 1 #046-117-00 Magnet Spring
10	046-136-00	2	Centering Spring
11	071-462-00	1	Adjuster Cable
12	071-464-00	1	LH Adjuster Lever
12	071-463-00	1	RH Adjuster Lever
14	046-137-00	1	Adjuster Spring
15	048-019-00	1	LH Adjuster Assembly (silver)
15	048-020-00	1	RH Adjuster Assembly (gold)
*16	036-115-20	1	Dust Shield
*17	007-097-00	4	Brake Mounting Bolt
*18	046-007-00	2	Adjuster Slot Plug
*19	046-016-00	1	Wire Grommet
20	046-133-00	1	Adjuster Clip (barrel end)
21	046-132-00	1	Adjuster Clip (thread end)
*26	006-129-00	4	Brake Mounting Nut
*27	005-058-00	4	Lock Washer
28	046-119-00	1	Return Spring

* Not included with complete brake assembly. Item sold separately.

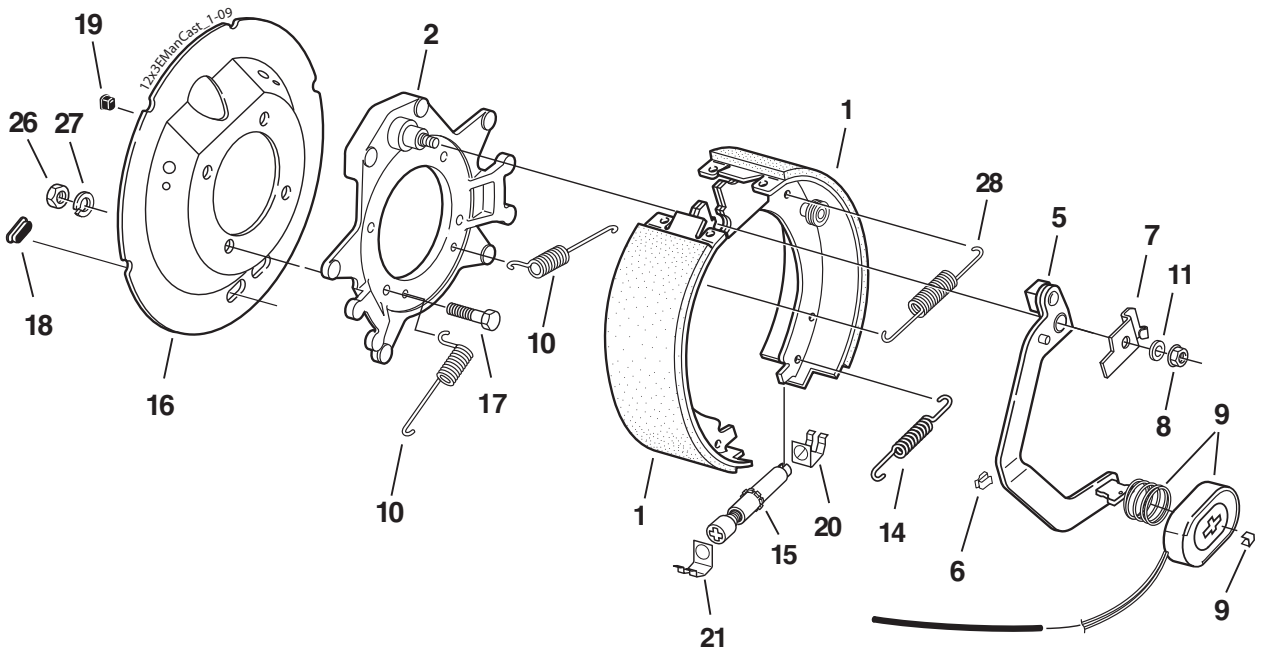
Brakes manufactured after April 2000 use the cast backing plate (not shown)

12¼" x 3⅜" 8K Electric Brake Manual Adjust

8000 LBS. CAPACITY

Cast Backing Plate

CSA approved at 8000#/14.2 SLR



Electric Brake

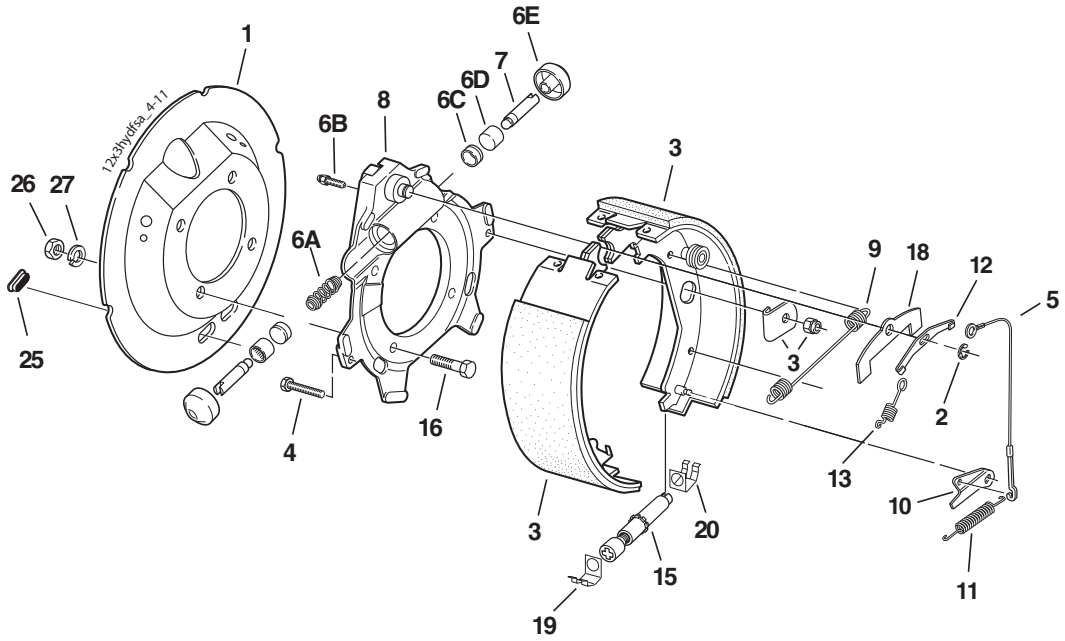
Item	Part No.	Qty/Brk	Description
0	K23-432-00	1	LH Complete Brake Assembly (shown)
0	K23-433-00	1	RH Complete Brake Assembly
1	K71-499-00	1	LH Shoe & Lining Kit Contains: 1 #040-350-01 LH Primary Shoe & Lining 1 #040-351-02 LH Secondary Shoe & Lining
1	K71-498-00	1	RH Shoe & Lining Kit Contains: 1 #040-351-01 RH Primary Shoe & Lining 1 #040-350-02 RH Secondary Shoe & Lining
2	036-119-02	1	Backing Plate Assembly
5	047-123-18	1	LH Actuating Arm Assembly
5	047-123-17	1	RH Actuating Arm Assembly
6	027-039-00	3	Wire Clip
7	071-455-01	1	LH Arm/Shoe Retainer
7	071-455-02	1	RH Arm/Shoe Retainer
8	006-092-01	1	Flange Nut
9	K71-378-00	1	Magnet Kit Contains: 1 #042-131-00 Magnet (red/black wire after 6/17) 1 #027-050-00 Magnet Retainer Clip 1 #046-117-00 Magnet Spring
10	046-136-00	2	Centering Spring
11	005-142-00	1	Washer
14	046-018-00	1	Adjuster Spring
15	048-017-00	1	Adjuster Assembly
*16	036-115-20	1	Dust Shield
*17	007-097-00	4	Brake Mounting Bolt
*18	046-007-00	2	Adjuster Slot Plug
*19	046-016-00	1	Wire Grommet
20	046-132-00	1	Adjuster Clip (thread end)
21	046-133-00	1	Adjuster Clip (barrel end)
*26	006-129-00	4	Brake Mounting Nut
*27	005-058-00	4	Lock Washer
28	046-119-00	1	Return Spring

* Not included with complete brake assembly. Item sold separately.

Brakes manufactured before April 2000 use the stamped backing plate

12¼" x 3⅜" 8K Hydraulic Brake FSA

ABS Parts Available



Hydraulic Brake

Item	Part No.	Qty/Brk	Description
+0	K23-418-00	1	LH Complete Brake Assembly FSA US
+0	K23-419-00	1	RH Complete Brake Assembly FSA US
0	K23-402-00	1	LH Complete Brake Assembly FSA DS (shown)
0	K23-403-00	1	RH Complete Brake Assembly FSA DS
*1	036-115-20	1	Dust Shield
2	069-053-00	1	Retainer
3	K71-165-00	1	LH Shoe & Lining Kit Contains: 1 #040-199-01 LH Primary Shoe & Lining 1 #040-199-02 LH Secondary Shoe & Lining 2 #005-107-00 Shoe Hold Down Washer 2 #006-086-00 Locknut
3	K71-166-00	1	RH Shoe & Lining Kit Contains: 1 #040-200-01 RH Primary Shoe & Lining 1 #040-200-02 RH Secondary Shoe & Lining 2 #005-107-00 Shoe Hold Down Washer 2 #006-086-00 Locknut
4	007-113-00	2	Shoe Hold Down Screw
5	071-462-00	1	Adjuster Cable
6	K71-080-00	1	Wheel Cylinder Kit (1.00" Bore) Contains: 1 #046-130-00 Spring 2 #054-032-00 Boot 2 #054-041-00 Piston 2 #054-085-00 Cup 1 #054-035-00 Bleeder Screw
7	054-033-00	1 or 2	Cylinder Push Rod US (1) DS (2)
8	036-064-06	1	LH Spider Assembly US (incl. items #4, 6, 7)
8	036-064-07	1	RH Spider Assembly US (incl. items #4, 6, 7)
8	036-064-03	1	Spider Assembly (incl. items #4, 6, 7) DS
9	046-087-00	1	Retractor Spring
10	071-464-00	1	LH Adjuster Lever
10	071-463-00	1	RH Adjuster Lever
11	046-135-00	1	LH Adjuster Spring
11	046-134-00	1	RH Adjuster Spring
12	071-456-00	1	Cable Attachment Bracket
13	046-131-01	1	Extension Spring
15	048-019-00	1	LH Adjuster Assembly
15	048-020-00	1	RH Adjuster Assembly
*16	007-097-00	4	Brake Mounting Bolt
18	034-062-00	1	Piston Stop
19	046-132-00	1	Adjuster Clip (thread end)
20	046-133-00	1	Adjuster Clip (barrel end)
*25	046-007-00	2	Adjuster Slot Plug
*26	006-129-00	4	Brake Mounting Nut
*27	005-058-00	4	Lock Washer

Hydraulic Brake – Corrosion Resistant Duo-Servo Only

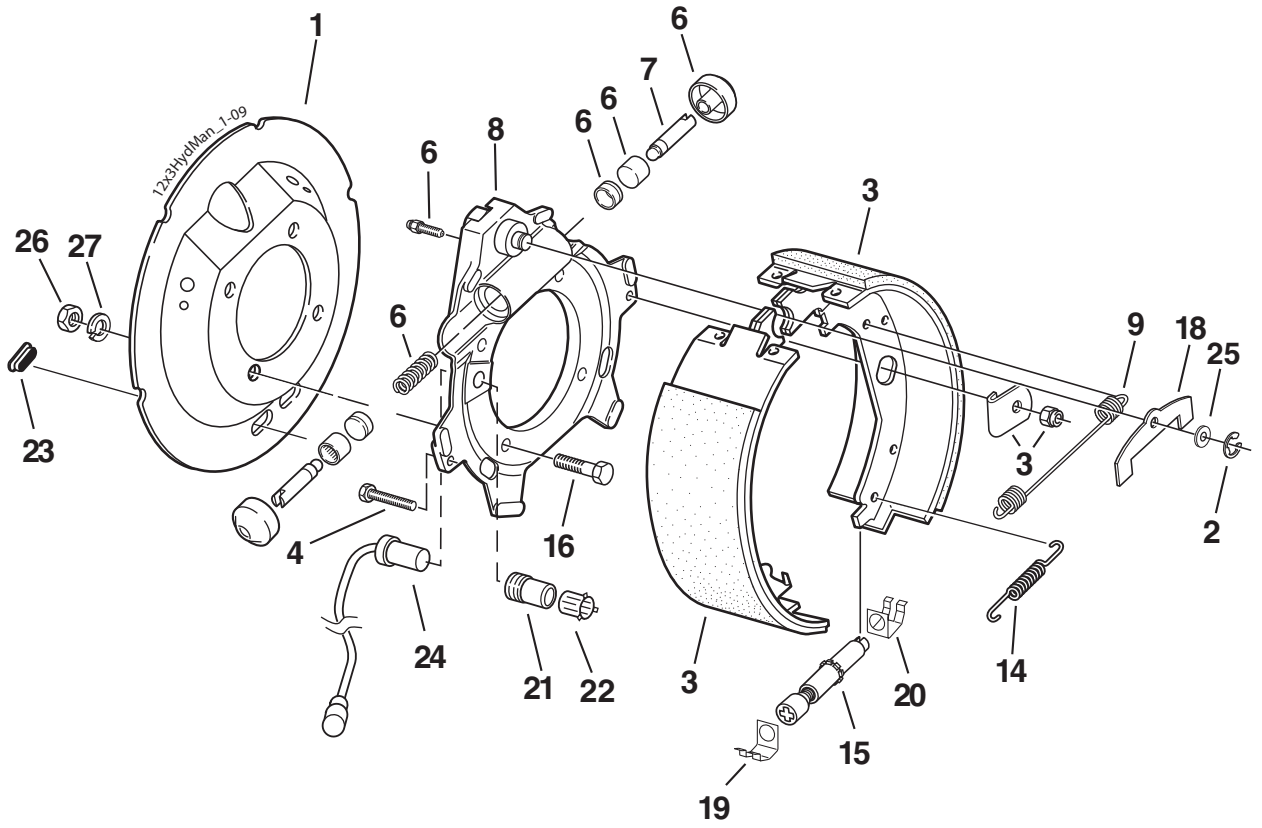
Item	Part No.	Qty/Brk	Description
0	K23-420-00	1	LH Complete Brake Assembly FSA
0	K23-421-00	1	RH Complete Brake Assembly FSA
*1	036-115-20	1	Dust Shield
2	069-053-00	1	Retainer
3	K71-437-00	1	LH Shoe & Lining Kit Contains: 1 #040-199-05 LH Primary Shoe & Lining 1 #040-199-06 LH Secondary Shoe & Lining 2 #005-107-02 Shoe Hold Down Washer 2 #006-086-00 Locknut
3	K71-438-00	1	RH Shoe & Lining Kit Contains: 1 #040-200-05 RH Primary Shoe & Lining 1 #040-200-06 RH Secondary Shoe & Lining 2 #005-107-02 Shoe Hold Down Washer 2 #006-086-00 Locknut
4	007-113-01	2	Shoe Hold Down Screw
5	071-462-00	1	Adjuster Cable
6A	046-130-00	1	Spring
6B	054-035-00	1	Bleeder Screw
6C	054-085-00	2	Cup
6D	054-083-00	2	Piston
6E	054-032-00	2	Boot
7	054-033-00	2	Cylinder Push Rod
8	036-064-14	1	Spider Assembly (incl. items #4, 6, 7) DS
9	046-087-01	1	Retractor Spring
10	071-464-00	1	LH Adjuster Lever
10	071-463-00	1	RH Adjuster Lever
11	046-135-01	1	LH Adjuster Spring
11	046-134-01	1	RH Adjuster Spring
12	071-456-00	1	Cable Attachment Bracket
13	046-131-02	1	Extension Spring
15	048-019-00	1	LH Adjuster Assembly
15	048-020-00	1	RH Adjuster Assembly
*16	007-097-00	4	Brake Mounting Bolt
18	034-062-02	1	Piston Stop
19	046-132-00	1	Adjuster Clip (thread end)
20	046-133-00	1	Adjuster Clip (barrel end)
*25	046-007-00	2	Adjuster Slot Plug
*26	006-129-00	4	Brake Mounting Nut
*27	005-058-00	4	Lock Washer

* Not included with complete brake assembly. Item sold separately.
+ Uni-Servo version not shown.

12¼" x 3⅜" 8K Hydraulic Brake Manual Adjust

8000 LBS. CAPACITY

Shown With ABS Parts



Hydraulic Brake

Item	Part No.	Qty/Brk	Description
0	K23-388-00	1	LH Complete Brake Assembly-DS (shown)
0	K23-387-00	1	RH Complete Brake Assembly-DS
*1	036-115-20	1	Dust Shield
2	069-053-00	1	Retainer
3	K71-165-00	1	LH Shoe & Lining Kit Contains: 1 #040-199-01 LH Primary Shoe & Lining 1 #040-199-02 LH Secondary Shoe & Lining 2 #005-107-00 Shoe Hold Down Washer 2 #006-086-00 Locknut
3	K71-166-00	1	RH Shoe & Lining Kit Contains: 1 #040-200-01 RH Primary Shoe & Lining 1 #040-200-02 RH Secondary Shoe & Lining 2 #005-107-00 Shoe Hold Down Washer 2 #006-086-00 Locknut
4	007-113-00	2	Shoe Hold Down Screw
6	K71-080-00	1	Wheel Cylinder Kit (1.00" Bore) Contains: 1 #046-130-00 Spring 2 #054-032-00 Boot 2 #054-041-00 Piston 2 #054-085-00 Cup 1 #054-035-00 Bleeder Screw
7	054-033-00	2	Cylinder Push Rod
8	036-064-03	1	Spider Assembly (incl. items #4, 6, 7)
9	046-087-00	1	Retractor Spring
14	046-018-00	1	Adjuster Spring
15	048-017-00	1	Adjuster Assembly
*16	007-097-00	4	Brake Mounting Bolt

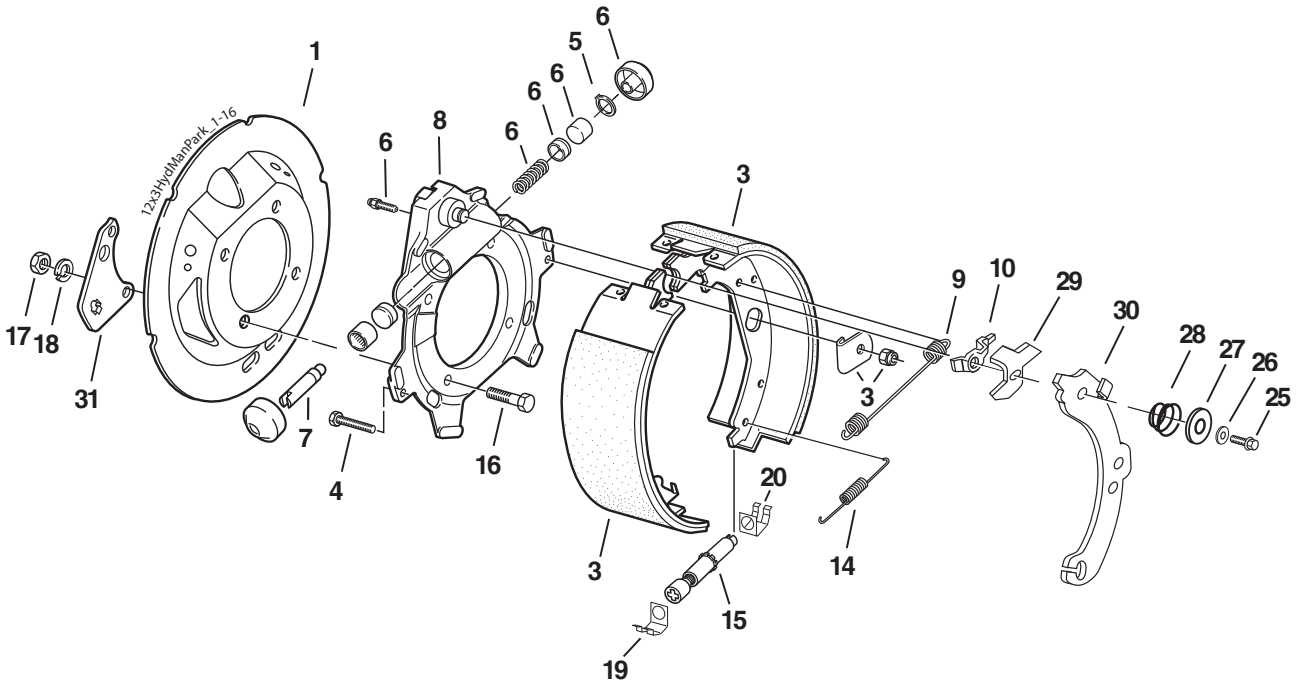
* Not included with complete brake assembly. Item sold separately.

Hydraulic Brake

Item	Part No.	Qty/Brk	Description
18	034-062-00	1	Piston Stop
19	046-132-00	1	Adjuster Clip (thread end)
20	046-133-00	1	Adjuster Clip (barrel end)
*21	024-204-00	1	ABS Sensor Mounting Block
*22	097-002-00	1	ABS Sensor Retaining Clip
*23	046-007-00	2	Adjuster Slot Plug
*24	097-004-00	1	ABS Sensor (straight)
25	005-142-00	1	Washer
*26	006-129-00	4	Brake Mounting Nut
*27	005-058-00	4	Lock Washer

12¼" x 3⅜" 8K Hydraulic Brake With Parking Feature (Manual Adjust)

ABS Parts Available



Hydraulic Brake

Item	Part No.	Qty/Brk	Description
+0	023-252-00	1	LH Complete Brake Assembly-US, w/park
+0	023-253-00	1	RH Complete Brake Assembly-US, w/park
0	023-171-00	1	LH Complete Brake Assembly-DS SA, w/park, RSA
0	023-172-00	1	RH Complete Brake Assembly-DS SA, w/park, RSA
*1	036-115-24	1	Dust Shield
3	K71-165-00	1	LH Shoe & Lining Kit Contains: 1 #040-199-01 LH Primary Shoe & Lining 1 #040-199-07 LH Secondary Shoe & Lining 2 #005-107-00 Shoe Hold Down Washer 2 #006-086-00 Locknut
3	K71-166-00	1	RH Shoe & Lining Kit Contains: 1 #040-200-01 RH Primary Shoe & Lining 1 #040-200-02 RH Secondary Shoe & Lining 2 #005-107-02 Shoe Hold Down Washer 2 #006-086-00 Locknut
4	007-113-00	2	Shoe Hold Down Screw
5	069-040-00	1	Snap Ring
6	K71-080-00	1	Wheel Cylinder Kit (1.00" Bore) Contains: 1 #046-130-00 Spring 2 #054-032-00 Boot 2 #054-041-00 Piston 2 #054-085-00 Cup 1 #054-035-00 Bleeder Screw
7	054-033-00	2	Cylinder Push Rod-US
8	036-064-08	1	LH Spider Assembly (incl. items #4,5,6,7) US
8	036-064-09	1	RH Spider Assembly (incl. items #4,5,6,7) US
ns	036-064-02	1	LH or RH Spider Assembly (incl. items #4,6,7) US
9	046-087-00	1	Retractor Spring

* Not included with complete brake assembly. Item sold separately.
\+ Uni-servo version not shown.
ns - not shown

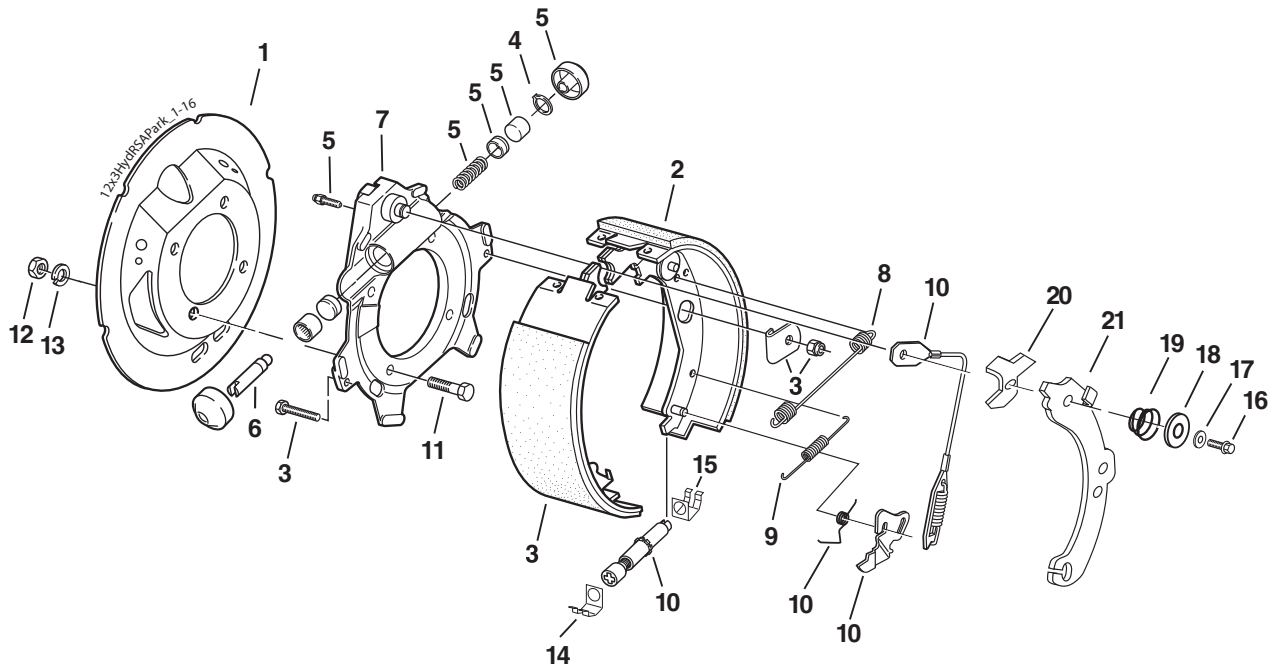
Hydraulic Brake

Item	Part No.	Qty/Brk	Description
10	033-083-00	1	Spacer
14	046-018-00	1	Adjuster Spring
15	048-017-00	1	Adjuster Assembly
*16	007-097-00	4	Brake Mounting Bolt
*17	006-129-00	4	Brake Mounting Nut
*18	005-058-00	4	Lock Washer
19	046-132-00	1	Adjuster Clip (thread end)
20	046-133-00	1	Adjuster Clip (barrel end)
25	007-096-00	1	Hold Down Lever Bolt
26	005-143-00	1	Star Washer
27	005-065-00	0	Hold Down Lever Washer
28	046-091-00	1	Hold Down Lever Spring
29	039-055-00	1	Parking Cam LH
29	039-056-00	1	Parking Cam RH
30	047-089-00	1	Parking Lever LH
30	047-090-00	1	Parking Lever RH
*31	071-512-00	1	Parking Cable Bracket

12¼" x 3⅜" 8K Hydraulic Brake RSA With Parking Feature

8000 LBS. CAPACITY

ABS Parts Available



Hydraulic Brake

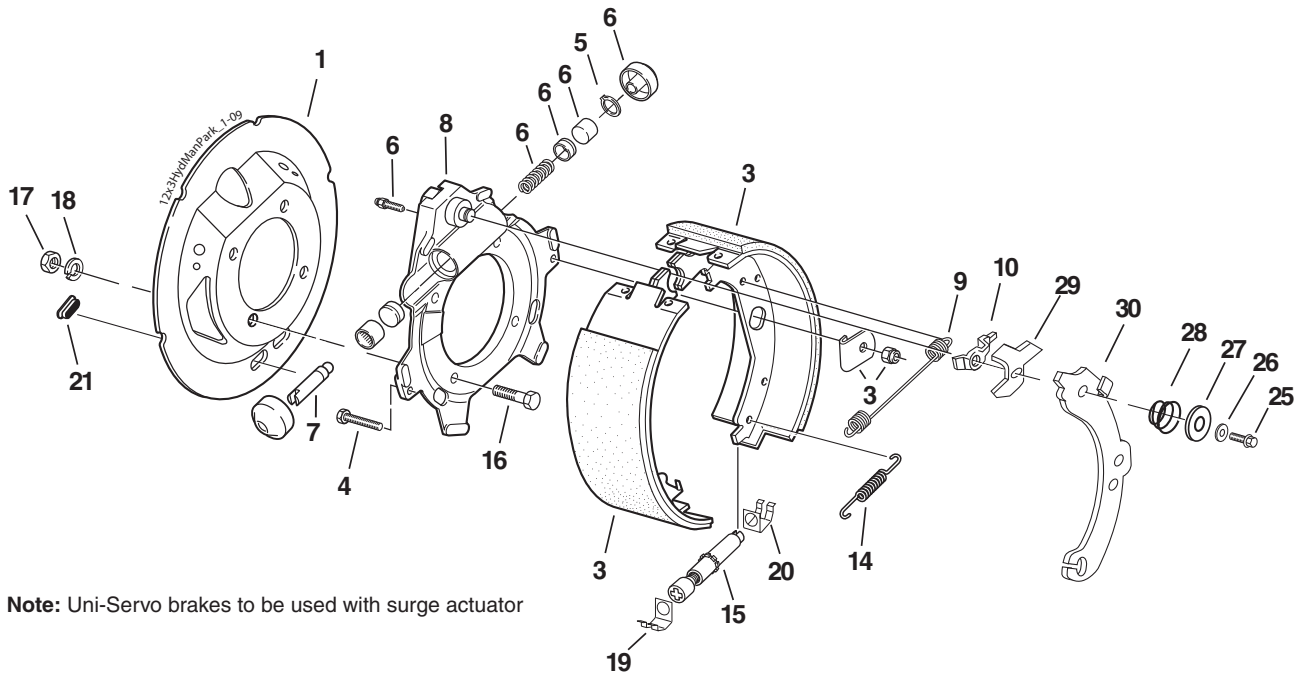
Item	Part No.	Qty/Brk	Description
0	023-171-00	1	LH Complete Brake Assembly-DS SA, w/park, RSA
0	023-172-00	1	RH Complete Brake Assembly-DS SA, w/park, RSA
*1	036-115-24	1	Dust Shield
2	K71-165-00	1	LH Shoe & Lining Kit Contains: 1 #040-199-01 LH Primary Shoe & Lining 1 #040-199-02 LH Secondary Shoe & Lining 2 #005-107-00 Shoe Hold Down Washer 2 #006-086-00 Locknut
2	K71-166-00	1	RH Shoe & Lining Kit Contains: 1 #040-200-01 RH Primary Shoe & Lining 1 #040-200-02 RH Secondary Shoe & Lining 2 #005-107-02 Shoe Hold Down Washer 2 #006-086-00 Locknut
3	007-113-00	2	Shoe Hold Down Screw
4	069-040-00	1	Snap Ring (for Uni-servo only)
5	K71-080-00	1	Wheel Cylinder Kit (1.00" Bore) Contains: 1 #046-130-00 Spring 2 #054-032-00 Boot 2 #054-041-00 Piston 2 #054-085-00 Cup 1 #054-035-00 Bleeder Screw
6	054-033-00	2	Cylinder Push Rod-US
ns	036-064-08	1	LH Spider Assembly (incl. items #4,5,6,7) US
ns	036-064-09	1	RH Spider Assembly (incl. items #4,5,6,7) US
7	036-064-02	1	LH or RH Spider Assembly (incl. items #4,6,7,8) DS
8	046-087-00	1	Retractor Spring

* Not included with complete brake assembly. Item sold separately.
ns - not shown

Hydraulic Brake

Item	Part No.	Qty/Brk	Description
9	046-072-00	1	Adjuster Spring
10	K71-417-00	1	LH & RH Brake Adjuster Kit Contains: 1 #046-073-00 LH Adjustment Lever Spring 1 #046-074-00 RH Adjustment Lever Spring 1 #048-009-00 LH Adjusting Screw 1 #048-010-00 RH Adjusting Screw 2 #074-433-00 Adjuster Cable- 1 #071-019-01 LH Adjusting Lever 1 #071-019-02 RH Adjusting Lever
*11	007-097-00	4	Brake Mounting Bolt
12	006-129-00	4	Brake Mounting Nut
13	005-058-00	4	Lock Washer
14	046-132-00	1	Adjuster Clip (thread end)
15	046-133-00	1	Adjuster Clip (barrel end)
16	007-096-00	1	Hold Down Lever Bolt
17	005-143-00	1	Star Washer
18	005-065-00	0	Hold Down Lever Washer
19	046-091-00	1	Hold Down Lever Spring
20	039-055-00	1	Parking Cam LH
20	039-056-00	1	Parking Cam RH
21	047-089-00	1	Parking Lever LH
21	047-090-00	1	Parking Lever RH

12¼" x 3⅜" 8K Hydraulic Brake Uni-Servo With Parking Feature (Manual Adjust)



Note: Uni-Servo brakes to be used with surge actuator

Hydraulic Brake

Item	Part No.	Qty/Brk	Description
0	K23-252-00	1	LH Complete Brake Assembly-US, w/park (shown)
0	K23-253-00	1	RH Complete Brake Assembly-US, w/park
*1	036-115-24	1	Dust Shield
3	K71-165-00	1	LH Shoe & Lining Kit Contains: 1 #040-199-01 LH Primary Shoe & Lining 1 #040-199-02 LH Secondary Shoe & Lining 2 #005-107-00 Shoe Hold Down Washer 2 #006-086-00 Locknut
3	K71-166-00	1	RH Shoe & Lining Kit Contains: 1 #040-200-01 RH Primary Shoe & Lining 1 #040-200-02 RH Secondary Shoe & Lining 2 #005-107-00 Shoe Hold Down Washer 2 #006-086-00 Locknut
4	007-113-00	2	Shoe Hold Down Screw
5	069-040-00	1	Snap Ring
6	K71-080-00	1	Wheel Cylinder Kit (1.00" Bore) Contains: 1 #046-130-00 Spring 2 #054-032-00 Boot 2 #054-041-00 Piston 2 #054-085-00 Cup 1 #054-035-00 Bleeder Screw
7	054-033-00	2	Cylinder Push Rod-US
8	036-064-08	1	LH Spider Assembly (incl. items #4,5,6,7) US
8	036-064-09	1	RH Spider Assembly (incl. items #4,5,6,7) US
9	046-087-00	1	Retractor Spring

* Not included with complete brake assembly. Item sold separately.

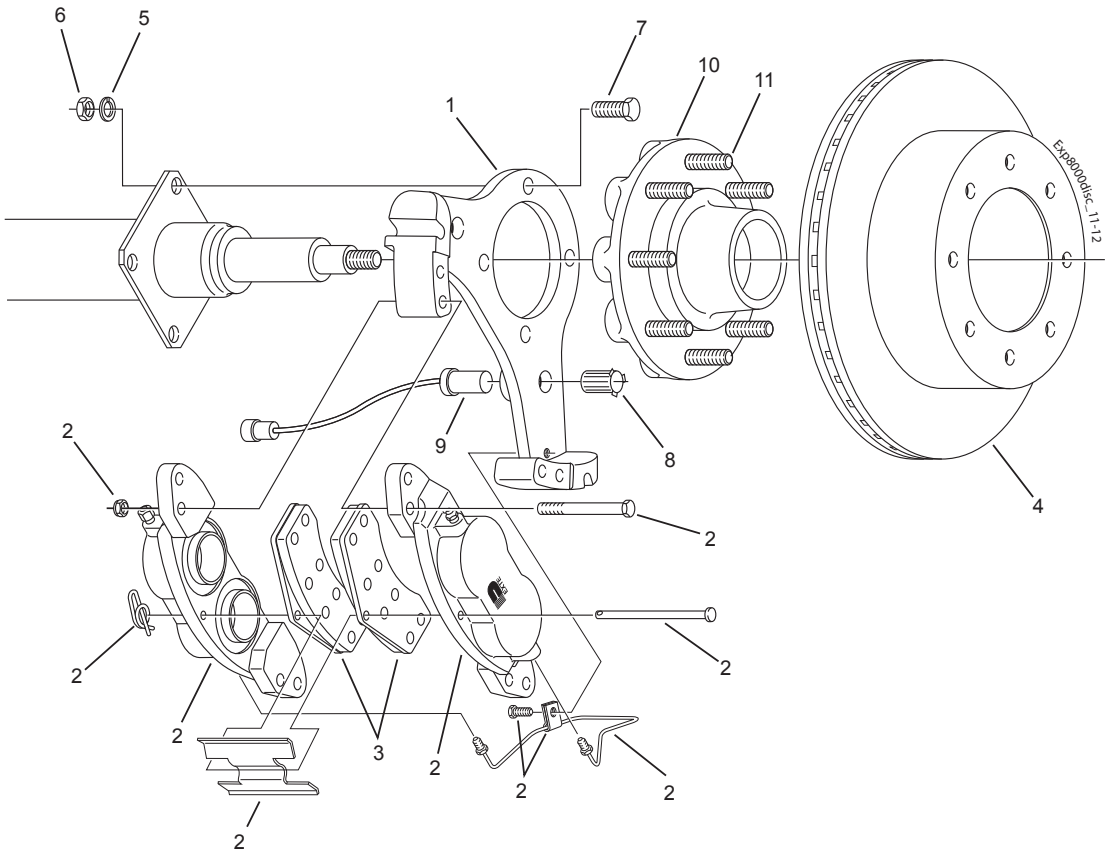
Hydraulic Brake

Item	Part No.	Qty/Brk	Description
10	033-083-00	1	Spacer
14	046-018-00	1	Adjuster Spring
15	048-017-00	1	Adjuster Assembly
*16	007-097-00	4	Brake Mounting Bolt
*17	006-129-00	4	Brake Mounting Nut
*18	005-058-00	4	Lock Washer
19	046-132-00	1	Adjuster Clip (thread end)
20	046-133-00	1	Adjuster Clip (barrel end)
*21	046-007-00	2	Adjuster Slot Plug
25	007-096-00	1	Hold Down Lever Bolt
26	005-143-00	1	Star Washer
27	005-065-00	0	Hold Down Lever Washer
28	046-091-00	1	Hold Down Lever Spring
29	039-055-00	1	Parking Cam LH
29	039-056-00	1	Parking Cam RH
30	047-089-00	1	Parking Lever LH
30	047-090-00	1	Parking Lever RH
ns	071-512-00	1	Parking Cable

ns - not shown

Disc Brake for 8,000 Lb. Axles

CSA approved at 8000#/14.0 SLR



Disc Brake 8000#

Item	Part No.	Qty/Brk	Description
1	090-003-01	1	Anchor Yoke
2	K71-630-00	1	Caliper Assembly Kit for LH or RH Contains: 4 006-045-00 Caliper Mounting Nut 4 007-254-00 Caliper Mounting Bolt 1 019-019-00 Cotter Ring 1 027-060-00 Tube Clamp 1 046-145-00 Anti-Rattle Spring 1 054-092-00 Bleeder Screw 1 054-094-00 Adapter Fitting 1 056-038-00 Pad Retaining Pin 1 071-513-00 Cross Over Hydraulic Line (yokes without notch) 1 071-518-00 Cross Over Hydraulic Line (yokes with notch) 1 087-002-00 Hex Bolt 2 089-003-02 Assembled Caliper Half
3	K71-629-00	1	Brake Pad Kit (axle set)
4	K71-631-00	1	Rotor Kit
5	005-058-00	4	½" Lock Washer
6	006-129-01	4	½" Hex Nut
7	007-097-00	4	½" Brake Mounting Bolt
8	097-002-00	1	ABS Sensor Retaining Clip
9	097-004-00	1	ABS Sensor (straight)

Disc Brake 8000# With 50MM Nev-R-Lube®

Item	Part No.	Qty/Brk	Description
1	090-007-01	1	Anchor Yoke
2	K71-630-00	1	Caliper Assembly Kit for LH or RH Contains: 4 006-045-00 Caliper Mounting Nut 4 007-254-00 Caliper Mounting Bolt 1 019-019-00 Cotter Ring 1 027-060-00 Tube Clamp 1 046-145-00 Anti-Rattle Spring 1 054-092-00 Bleeder Screw 1 054-094-00 Adapter Fitting 1 056-038-00 Pad Retaining Pin 1 071-513-00 Cross Over Hydraulic Line (yokes without notch) 1 071-518-00 Cross Over Hydraulic Line (yokes with notch) 1 087-002-00 Hex Bolt 2 089-003-02 Assembled Caliper Half
3	K71-629-00	1	Brake Pad Kit (axle set)
4	K71-631-00	1	Rotor Kit
5	005-058-00	4	½" Lock Washer
6	006-129-01	4	½" Hex Nut
7	007-097-00	4	½" Brake Mounting Bolt
8	097-002-00	1	ABS Sensor Retaining Clip
9	097-004-00	1	ABS Sensor (straight)

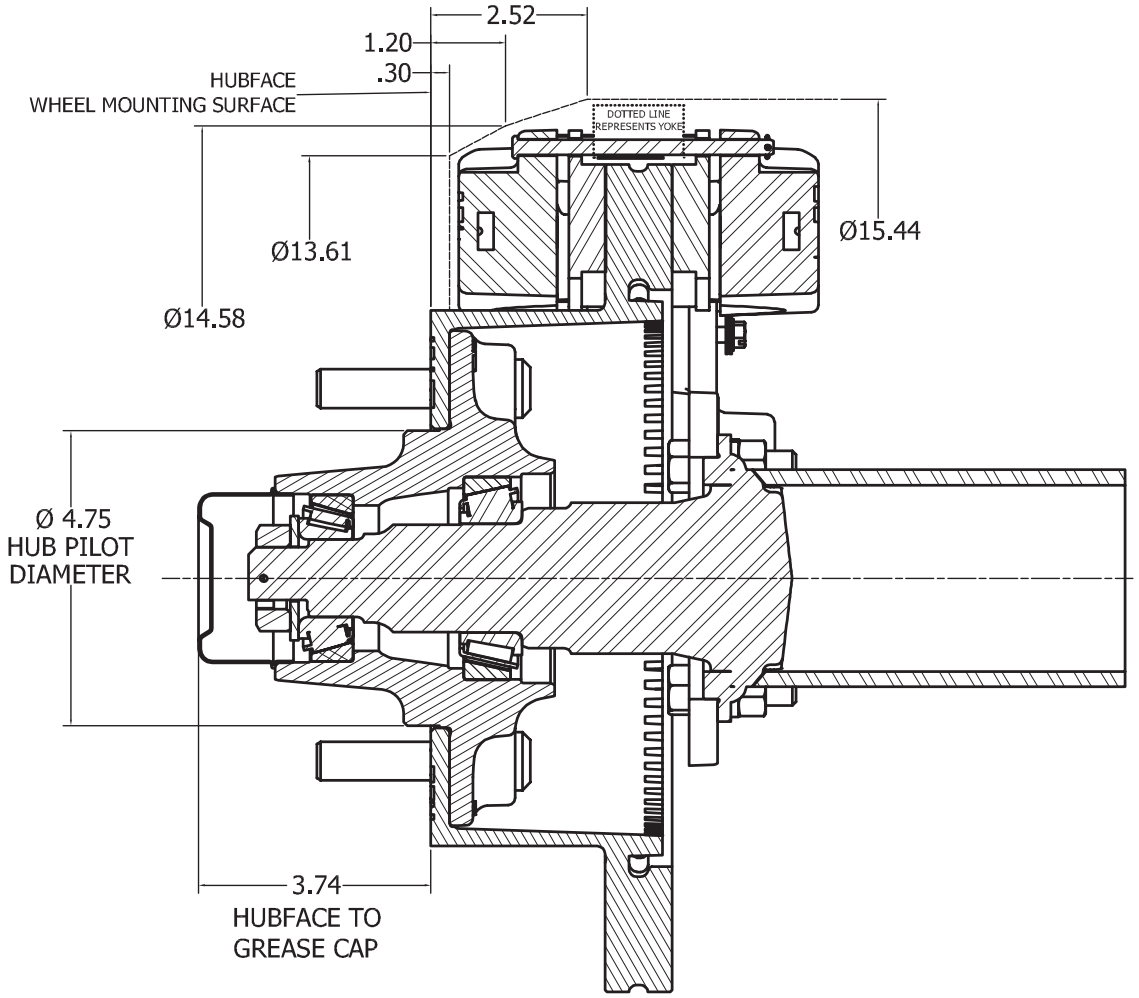
Disc Brake Hubs & Studs

Item	Part No.	Qty/Brk	Description
10	008-399-05	1	Grease 9/16" Studs 8 on 6.50
10	008-399-06	1	Oil 9/16" Studs 8 on 6.50
10	008-399-07	1	Grease 5/8" Studs 8 on 6.50
10	008-399-08	1	Oil 5/8" Studs 8 on 6.50
11	007-257-00	8	9/16-18 x 2.50" Press-in Stud
11	007-115-00	8	5/8-18 x 3.16" Press-in Stud

Nev-R-Lube® Disc Brake Hubs

Item	Part No.	Qty/Brk	Description
10	008-402-80	1	9/16" Studs, 50mm 8 on 6.50
10	008-402-81	1	5/8" Studs, 50mm 8 on 6.50
11	007-257-00	8	9/16-18 x 2.50" Press-in Stud
11	007-115-00	8	5/8-18 x 3.16" Press-in Stud

Recommended Wheel Clearance for 8,000 Lb. Disc Brake



CAUTION: The above hub/rotor profile shows the minimum clearance needed to insure that no part of the wheel makes contact with any brake component.

Make sure the wheel is in full contact with the hub face and does not drag against the brake caliper. If there is not full contact with the hub face, you may experience a dangerous wheel separation.

AIRFLEX® Light Trailer Suspension System

8000 LBS. CAPACITY



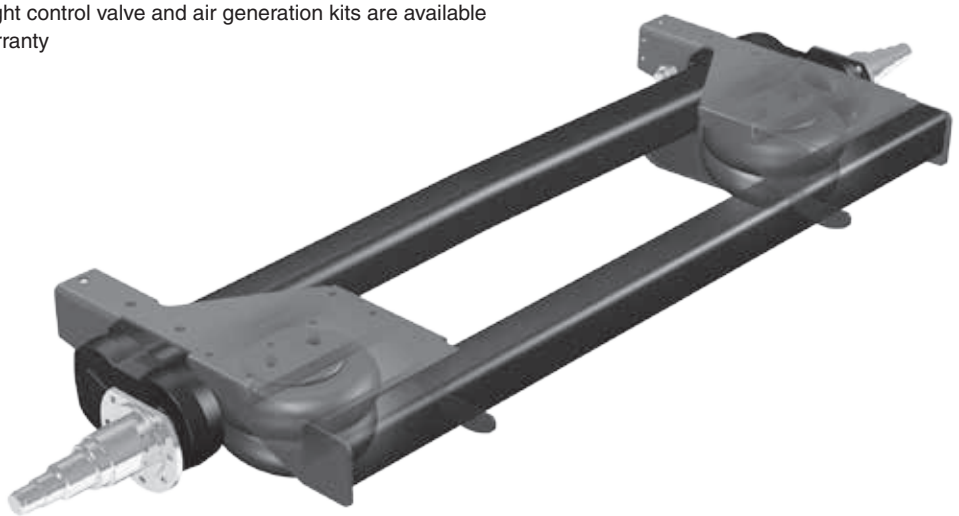




AIRFLEX® AIR RIDE SUSPENSION

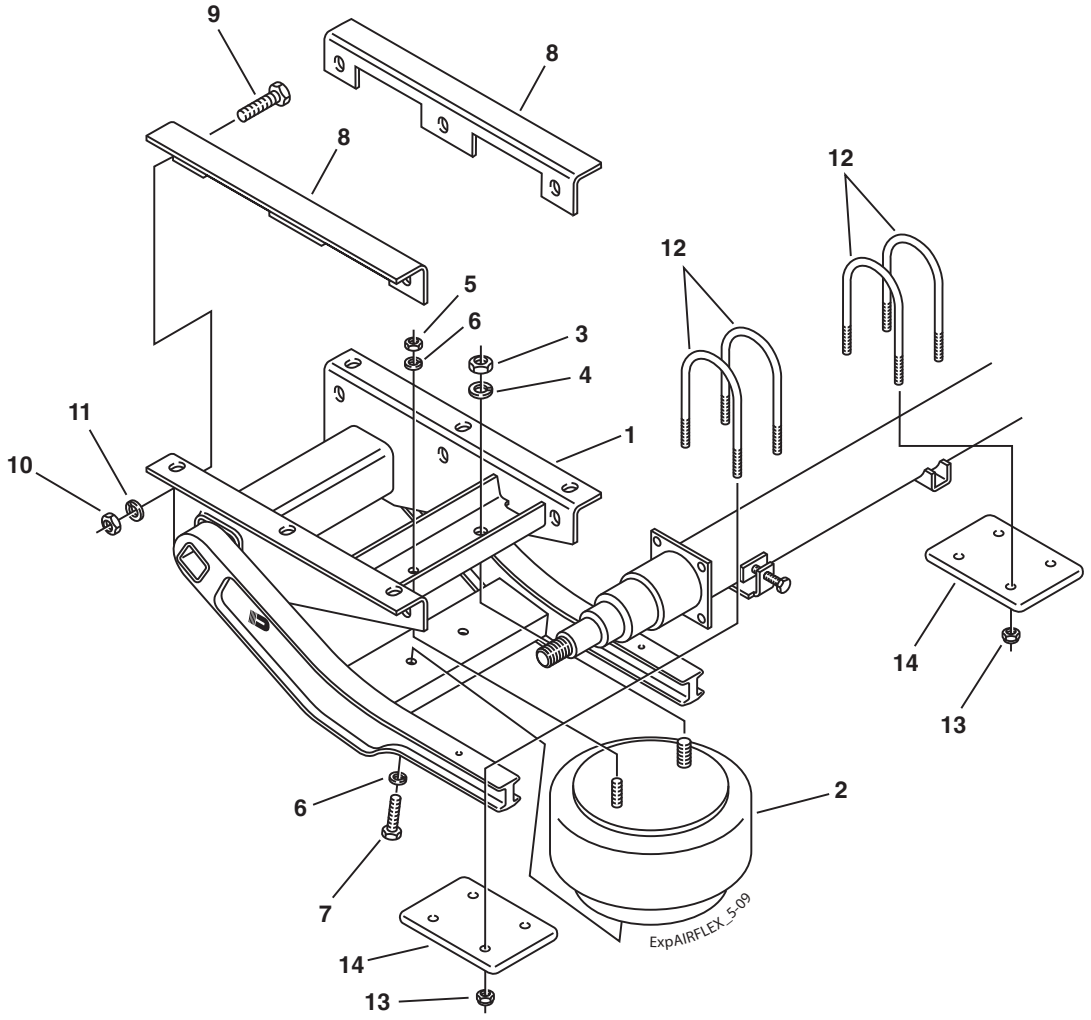
Smooth Out the Roughest Roads

- Soft Ride – New hybrid suspension combines air and rubber torsion for an excellent ride
- Independent – Ride and stability improve with independent wheel action
- Equalizing – Axle-to-axle load equalization allows use on triple axle trailers
- Reliable – Rubber cushions ride even if air is not available
- Maintains constant ride height for the ultimate ride
- Fully assembled for easy installation
- Adjustable axle alignment feature
- Available for single, tandem or triple axle applications
- Optional ride height control valve and air generation kits are available
- 2 year limited warranty



AIRFLEX® for 8,000 Lb. Axles – Before May 2010

Service Parts Only

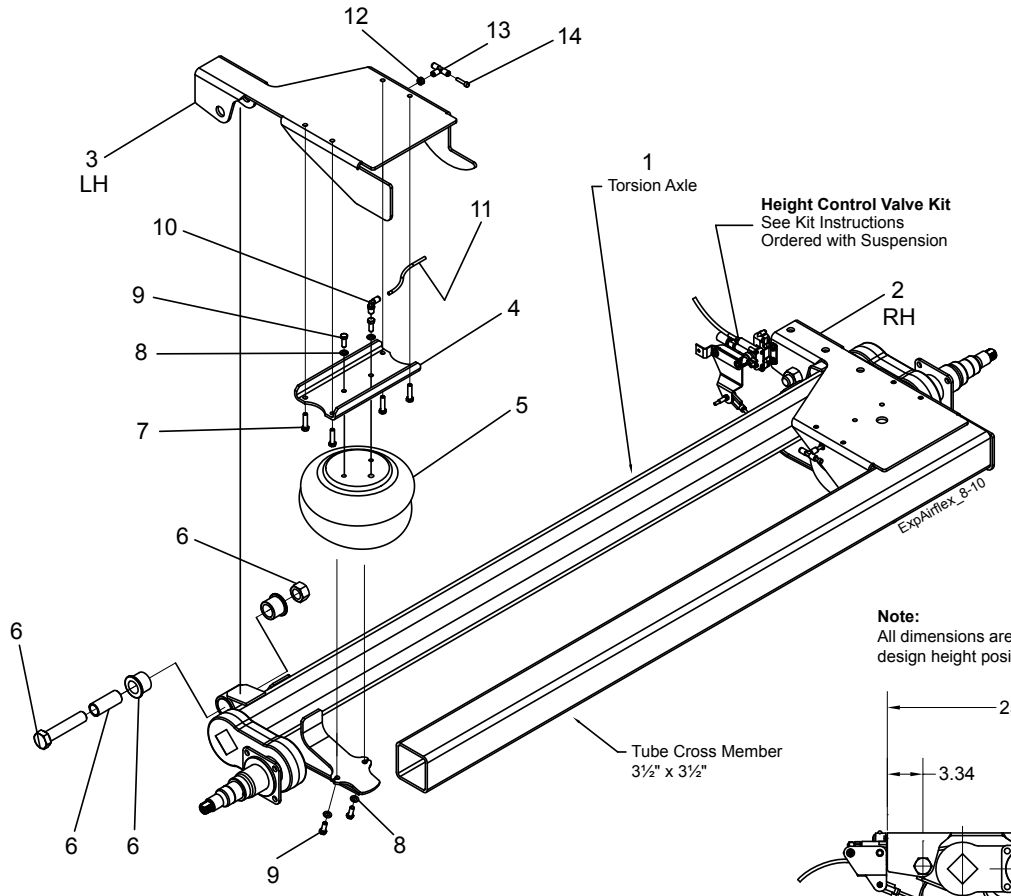


AIRFLEX® Suspension Components 8000#

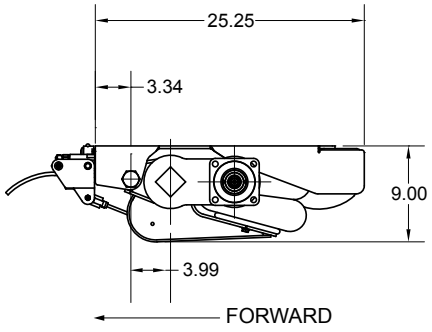
Item	Part No.	Qty/Axle	Description
1	003-272-00	1	LH Suspension Assembly (shown) (incl. items #2-11)
1	003-273-00	1	RH Suspension Assembly (incl. items #2-11)
Air Spring & Mounting Hardware			
2	034-279-00	2	Air Spring
3	006-122-01	2	¾"-16 Jam Nut
4	005-143-00	2	¾" Lock Washer
5	006-116-00	2	½"-13 Hex Nut
6	005-058-00	6	½" Lock Washer
7	007-259-00	4	½"-13 Hex Bolt
Suspension Mounting Hardware			
8	003-261-00	2	Side Mount Bracket
9	007-177-00	6	⅝" Mounting Bolt
10	006-126-00	6	⅝" Locknut
11	005-111-00	6	⅝" Washer
Axle Attaching Hardware			
12	011-090-01	8	¾" U-Bolt
13	006-113-00	16	¾" Locknut
14	012-065-01	4	Tie Plate
Air Supply Kits			
ns	K71-632-01	-	Tandem Plumbing Kit with Ride Height Control Valve
ns	K71-632-02	-	Air Generation Kit (includes compressor and tank)
ns	K71-632-03	-	Manual Dump Valve Kit
ns	K71-632-04	-	Tri-Axle Conversion Plumbing Kit

ns - not shown

AIRFLEX® for 8,000 Lb. Axles – After May 2010



Note:
All dimensions are shown at the design height position



Bolt Torque Chart	
Size	Ft. Lbs.
⅜-16	25
¾-10	270

AIRFLEX® Suspension Components 8000#

Item	Part No.	Qty/Axle	Description
1	n/a	1	Torsion Axle with Suspension Brackets
2	003-327-00	1	RH Frame Bracket
3	003-326-00	1	LH Frame Bracket
4	003-323-00	2	Channel, Air Spring Support
5	W01-358-6947	2	Firestone Air Spring
6	K71-734-00	1	Airflex Pivot Bushing Replacement Kit Contains: 2 #006-287-00 Nut, Hex Locking 2 #007-466-00 Bolt, Hex 2 #014-123-00 Pivot Bushing Assembly 2 #014-127-00 Pivot Bushing Spacer
7	n/a	8	⅜-16 UNC x 1.5" LG HHCS
8	n/a	8	⅜ Regular Split Lock Washer
9	n/a	8	⅜-16 UNC x 1" LG HHCS
10	n/a	2	¼ NPTM x ¼ T 90° Elbow, Swivel
11	n/a	2	¼ x 6.25" LG Nylon Tube
12	n/a	2	Grommet
13	n/a	2	¼ T Union Tee
14	n/a	2	¼ T Plug
Air Supply Kits			
ns	K71-692-01	-	Ride Height Control Kit
ns	K71-692-02	-	Air Supply and Control Kit
ns	K71-692-03	-	Air Control Kit Without Air Supply
ns	059-809-00	-	Installation Instructions (available on Dexter website)

n/a - not available

ns - not shown

Wheels and Tires

Wheel Dia.	Rim Width Contour	Tire Size Description	SLR	Tire Radius	Width	Capacity	PSI
12	4JA	4.80-12, B	9.50	10.84	5.27	780	60
12	4JA	5.30-12, C	10.20	11.37	5.88	1045	80
13	4.5JJ	ST175/80R13, B	11.20	12.00	7.90	1100	35
13	4.5JJ	ST185/80R13, C	11.40	12.30	8.10	1480	50
14	5.5JJ	ST205/75R14, C	12.10	13.05	9.00	1760	50
14	5.5JJ	ST215/75R14, C	12.40	13.35	9.60	1870	50
14.5	6.00MH	8-14.5LT, E	13.30	14.10	8.50	2540	85
14.5	6.00MH	8-14.5LT, F	13.30	14.10	8.50	2790	100
14.5	7.00MH	9-14.5LT, E	13.30	14.68	10.10	2940	85
14.5	7.00MH	9-14.5LT, F	13.30	14.68	10.10	3230	100
15	5JJ	ST205/75R15, B	12.60	13.55	9.00	1480	35
15	5JJ	ST205/75R15, C	12.60	13.55	9.00	1820	50
15	6JJ	LT215/75R15, C	12.90	14.25	9.60	1765	50
15	6JJ	ST225/75R15, D	13.00	14.43	9.90	2540	65
15	6JJ	LT235/75R15, E	13.40	14.70	10.60	2755	80
16	6K	LT225/75R16, E	13.50	14.92	9.90	2680	80
16	6K	LT235/85R16, E	14.30	15.40	10.30	3042	80
16	6K	LT235/85R16, G	14.30	15.40	10.20	3750	110
16.5	9.75	12-16.5LT, E	14.90	15.80	13.00	3550	60
16.5	9.75	12-16.5LT, F	14.90	15.80	13.00	4045	75
17.5	6.00HC	215/75R17.5	14.00	15.30	8.40	4805	125
17.5	6.75HC	235/75R17.5	14.50	15.90	9.20	6005	125

Hanger and Attaching Parts Kits

Double Eye Leaf Springs

Hanger Heights

Hanger Kit	Axle Combination	Front Height	Center Height	Notes
HGR-104-00	1	3.25	N/A	7K Max.
HGR-105-00	1	1.44	N/A	8K Max.
HGR-120-00	1	4.25	N/A	5.2K Max.
HGR-212-00	2	3.25	3.25	7K Max.
HGR-248-00	2	3.25	3.62	5.2K Max.
HGR-249-00	2	2.06	3.25	7K Max.
HGR-250-00	2	3.62	3.62	5.2K Max.
HGR-252-00	2	4.25	4.25	5.2K Max.
HGR-271-00	2	4.25	4.25	8K Max.
HGR-274-00	2	5.00	5.00	8K Max.
HGR-312-00	3	3.25	3.25	7K Max.
HGR-348-00	3	3.25	3.62	5.2K Max.
HGR-349-00	3	2.06	3.25	5.2K Max.
HGR-371-00	3	4.25	4.25	8K Max.

Attaching Parts Kits

		33½" Axle Spacing		35" Axle Spacing	
Capacity	Single	Tandem	Triple	Tandem	Triple
D20	A/P-122-00	A/P-233-00	A/P-335-00	N/A	N/A
D35	A/P-122-00	A/P-233-00	A/P-335-00	A/P-264-00	N/A
D52	A/P-122-00	A/P-233-00	A/P-335-00	A/P-264-00	A/P-364-00
D60	A/P-122-00	A/P-233-00	A/P-335-00	A/P-264-00	A/P-364-00
D70	A/P-122-00	A/P-233-00	A/P-335-00	A/P-264-00	A/P-364-00
D72	A/P-122-00	A/P-233-00	A/P-335-00	A/P-264-00	A/P-364-00
D80	A/P-122-00	A/P-233-00	A/P-335-00	A/P-264-00	A/P-364-00

Note: Common A/P kits are available in marine grade coating.

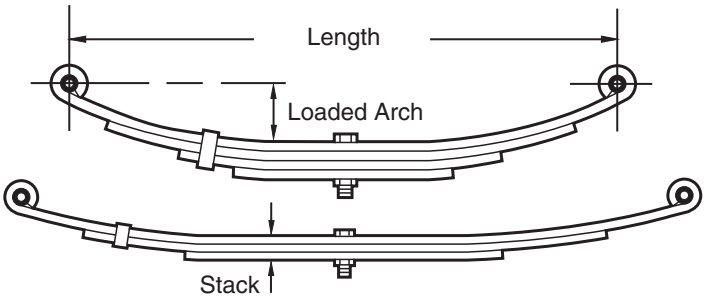
Tube Diameter & Spring Pad Height – DE and SS

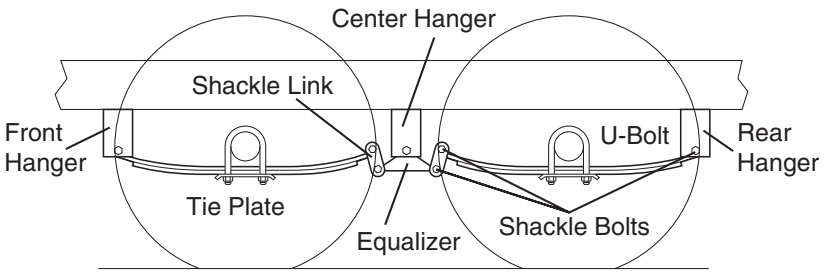
Capacity	Tube Dia. Standard	Tube Dia. Optional	Pad Ht. Standard	Pad Ht. Optional
D20	1.75	2.38	0.60	0.60
D35	2.38	3.00	0.60	0.60
D52	3.00	N/A	0.60	N/A
D60	3.00	N/A	0.60	N/A
D70	3.00	3.50	0.60	0.50
D72	3.00	3.50	0.60	0.50
D80	3.50	N/A	0.50	N/A

N/A - not applicable

Stack & Loaded Arch Heights

Capacity	Part Number	Stack Height	Length (Inches)	Axle Location	Loaded Arch Height
700	072-016-00	0.67	21	10.62	2.12
1000	072-017-00	0.79	21	10.62	2.12
1250	072-022-00	0.94	26	13.00	1.75
1250	072-006-00	0.94	24	12.00	2.50
1400	072-013-00	1.10	21	10.62	2.38
1500	072-023-00	1.04	26	13.00	1.75
1750	072-042-00	1.27	26	13.00	1.50
1750	072-009-00	1.08	24	12.00	2.50
2000	072-018-00	1.37	24	12.00	2.50
2500	072-020-00	1.44	24	12.00	2.50
2600	072-025-00	1.44	26	13.00	1.75
3000	072-073-00	2.01	26	13.00	1.75
3500	072-027-00	2.05	26	13.00	1.75
4000	072-079-00	2.52	26	13.00	1.75





Underslung Shown

Hanger and Attaching Parts Kits

Slipper Leaf Springs

Hanger Heights

Hanger Kit	Axle Combination	Front Height	Center Height	Notes
HAP-105-00	1	5.00	N/A	9K Max.
HGR-110-00	1	4.25	N/A	5.2K Max.
HGR-115-00	1	0.83	N/A	2K Max.
HGR-138-00	1	5.00	N/A	8K Max.
HGR-202-00	2	4.25	3.50	5.2K Max.
HAP-205-01	2	N/A	4.50	8K Max.
HGR-238-00	2	5.00	4.50	9K Max.
HGR-302-00	3	4.25	5.25	5.2K Max.
HGR-278-00	2	4.25	3.50	8K Max.
HGR-338-00	3	5.00	4.50	8K Max.
HGR-378-00	3	4.25	3.50	8K Max.

Attaching Parts Kits

		33.5" Axle Spacing		36" Axle Spacing	
Capacity	Single	Tandem	Triple	Tandem	Triple
D20	A/P-115-00	N/A	N/A	N/A	N/A
D35	A/P-103-00	A/P-202-00	A/P-302-00	N/A	N/A
D52	A/P-103-00	A/P-202-00	A/P-302-00	A/P-216-00	A/P-316-00
D60	A/P-103-00	A/P-202-00	A/P-302-00	A/P-216-00	A/P-316-00
D70	A/P-103-00	A/P-202-00	A/P-302-00	A/P-216-00	A/P-316-00
D72	A/P-103-00	A/P-202-00	A/P-302-00	A/P-216-00	A/P-316-00
D80	A/P-103-00	A/P-202-00	A/P-302-00	A/P-216-00	A/P-316-00

Note: Common A/P kits are available in marine grade coating.

Tube Diameter & Spring Pad Height – DE and SS

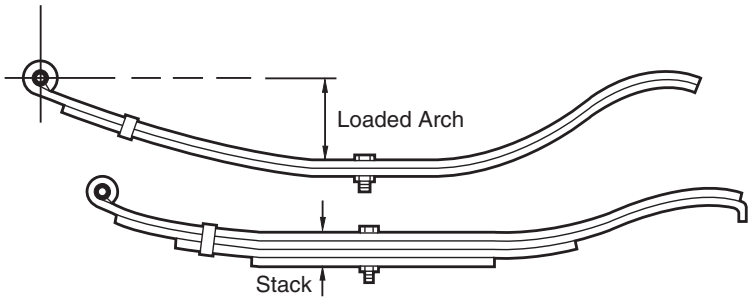
Capacity	Tube Dia. Standard	Tube Dia. Optional	Pad Ht. Standard	Pad Ht. Optional
D20	1.75	2.38	0.60	0.60
D35	2.38	3.00	0.60	0.60
D52	3.00	N/A	0.60	N/A
D60	3.00	N/A	0.60	N/A
D70	3.00	3.50	0.60	0.50
D72	3.00	3.50	0.60	0.50
D80	3.50	N/A	0.50	N/A

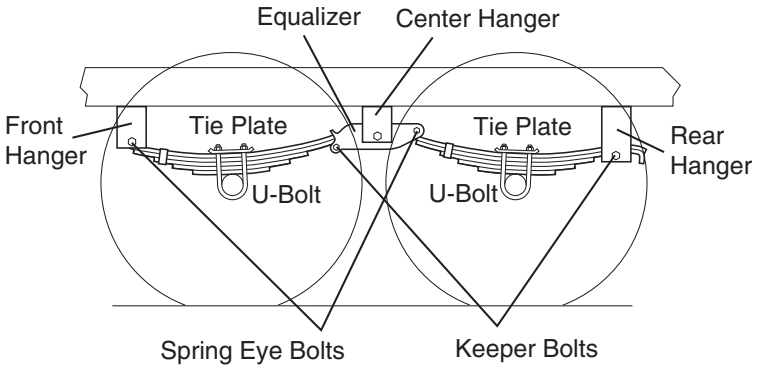
N/A - not applicable

Stack & Loaded Arch Heights

Capacity	Part Number	Stack Height	Width (Inches)	Axle Location	Loaded Arch Height
700	072-003-00	0.57	1.75	13.00	3.12
1000	072-002-00	0.68	1.75	13.00	3.12
1500	072-029-00	1.16	2.00	11.50	2.00
2000	072-030-00	1.33	2.00	11.50	2.00
2500	072-031-00	1.44	2.00	11.50	2.00
3500	072-032-00	1.80	2.00	11.50	2.00
4000	072-051-01	2.52	2.00	11.50	2.00
4000*	072-051-02	2.52	2.00	11.50	2.00

* Rubber Bushed





Overslung Shown

Torflex® Installation

The following instructions describe methods that can be used to attach your Torflex® axles to the vehicle frame.

Step 1: The user must first decide where to place the axle(s) on the trailer. The position of the wheel center relative to the CG (center of gravity) will determine the final axle loading as well as the hitch load.

Step 2: Determine the method of attachment you wish to use.
a. For structural tube type frame rails, refer to Figure 1 for the recommended attachment.
b. For "C" channel or "I" beam type frame, refer to Figure 2.

Step 3: Once the method of attachment is decided, the axle(s) must be carefully aligned on the trailer frame. The axle(s) centerline must be perpendicular to the longitudinal centerline of the trailer. See figure 3.

CAUTION: Misalignment of the axle(s) can cause poor tracking and accelerated tire wear.

Attachment to Structural Tube Type Frame

a. Dexter recommends the use of side mounting hangers when mounting axles to tubular type frames. These hangers provide a convenient means for bolting the axles in place. All of the necessary components are included in the Side Mount A/P Kits listed in Chart 1.

b. Refer to Chart 2 to find the mounting bracket dimensions of your axles. This chart shows the dimensions from the wheel center to the bolt holes of the brackets.

c. The preferred way to use the side mount hanger is to pre-assemble the hangers to the axle using the hardware provided in the A/P kit. Make sure the hangers are clamped firmly against the axle brackets and the bolts are tightened to the torque specifications shown in Chart 1. Position the axle assembly on the frame rails in the desired location and weld the side mount hangers to the frame.

d. Axle bracket position is the distance as measured over the outboard edges of the brackets. This dimension is usually matched to the outside measurement of the frame members but depending on the type of frame may not always be suitable. The preferred arrangement should place the longest vertical section of the axle bracket directly under the most rigid section of the frame member.

Side Mount Installation

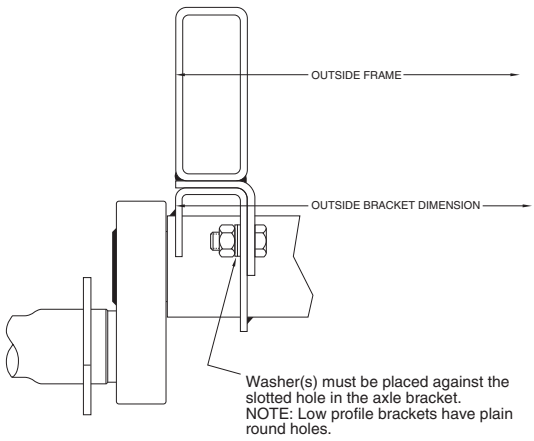


Figure 1

Side mount hangers should be welded to frame with three (3) ¼" fillet welds, 2½" long on each side of the hanger and a fillet weld on each end. Welds should meet the quality standards of the American Welding Society, D1.1, Structural Welding Code.

Chart 1

Attaching Parts Kits and Torque Specifications

Axle Size	A/P Kit Top Mount	A/P Kit Side Mount	A/P Kit Side Mount Aluminum	Bolt Size	Torque Lb-Ft.
#8	A/P-161-00	A/P-165-00	A/P-180-00	1/2"	70-90
#9	A/P-161-00	A/P-165-00	A/P-180-00	1/2"	70-90
#10	A/P-148-00	A/P-166-00	A/P-181-00	5/8"	120-155
#10L	A/P-148-00	A/P-166-00	A/P-181-00	5/8"	120-155
#10F	A/P-148-00	A/P-166-00	A/P-181-00	5/8"	120-155
#11	A/P-148-00	A/P-167-00	A/P-182-00	5/8"	120-155
#12	A/P-148-00	A/P-168-00	A/P-183-00	5/8"	120-155
#12T	A/P-148-00	A/P-169-00		5/8"	120-155
#12V	A/P-148-00	A/P-168-00		5/8"	120-155
#13	A/P-148-00	A/P-169-00		5/8"	120-155
#13T	A/P-148-00	A/P-169-00		5/8"	120-155

Side mount hangers and fasteners for mounting axle are provided in the A/P Attaching Parts Kits shown in Chart 1. Torque fasteners to levels specified in Chart 1.

Attachment to Structural Tube Type Frame

a. Refer to Chart 2 to find the mounting bracket dimensions of your axles. This chart shows the dimensions from the wheel center to the bolt holes of the brackets.

b. Lay out the bolt hole locations on the bottom flanges of the frame rails. Make sure the hole pattern matches the mounting brackets of your axles and is properly oriented to allow proper alignment of the axle(s).

c. An alternate method for determining hole location is to position the axle assembly on the frame rails, align it perpendicular to the trailer centerline, clamp in place and transfer the holes directly from the brackets.

d. Drill the holes through the frame rails and attach the axle using the hardware provided in the A/P kit. Tighten the bolts to the torque specified in Chart 1.

CAUTION: When bolting to structural shapes that have tapered flanges, bevel washers must be used to prevent uneven clamping and bending of the fasteners.

Note: In the unlikely event a Torflex® axle must be replaced during the warranty period, Dexter cannot assume responsibility for additional costs incurred for removal and reinstallation of axles that have been welded directly to the frame.

Top Mount Installation

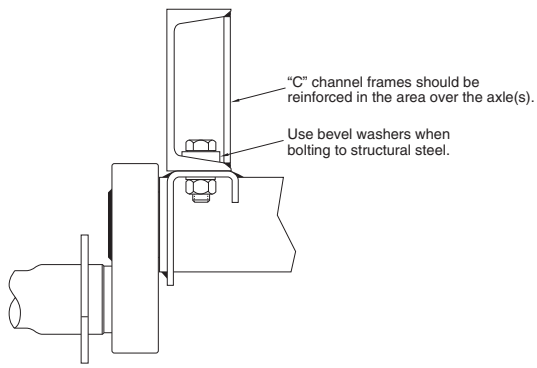
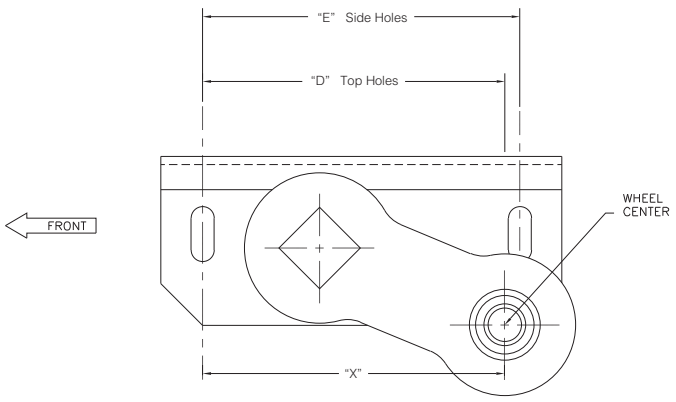


Figure 2

CAUTION: "C" channel and "I" beam type frame sections should be reinforced in the area over the axle mounting brackets. It is recommended that the vertical leg of the axle bracket be positioned directly under the vertical segment or reinforcement of the frame member.

Torflex® Installation

Chart 2
Bracket Dimensions



Fender Clearance: allow 3" over the tire at full load.

Start Angle of Trailing Arm
Mounting Hole to Wheel Center - Dimension "X" (Inches)

	45° Down		32° Down		22.5° Down		10° Down		0°		10° Up		22.5° Up		Mounting Hole Spacing (Inches)	
Torflex® Axle Model	No Load	Full Load	No Load	Full Load	No Load	Full Load	No Load	Full Load	No Load	Full Load	No Load	Full Load	No Load	Full Load	Dim "D" (Top)	Dim "E" (Side)
#8 (4" arm)	5.21	6.08	5.77	6.33	6.08	6.38	6.32	6.29	6.38	6.08	6.32	5.75	6.08	5.21	7.75	8.00
#9 (6" arm)	6.62	7.92	7.47	8.30	7.92	8.38	8.29	8.24	8.38	7.92	8.29	7.44	7.92	6.62	7.75	8.00
#10 (6" arm)	6.74	8.04	7.59	8.42	8.04	8.50	8.41	8.36	8.50	8.04	8.41	7.56	8.04	6.74	8.00	8.00
#10L (6" arm)	6.74	8.04	7.59	8.42	8.04	8.50	8.41	8.36	8.50	8.04	8.41	7.56	8.04	6.74	8.00	8.00
#10F (6" arm)	6.74	8.04	7.59	8.42	8.04	8.50	8.41	8.36	8.50	8.04	8.41	7.56	8.04	6.74	8.00	8.00
#11 (6" arm)	7.74	9.04	8.59	9.42	9.04	9.50	9.41	9.36	9.50	9.04	9.41	8.56	9.04	7.74	9.00	9.50
#12 (6" arm)	7.74	9.04	8.59	9.42	9.04	9.50	9.41	9.36	9.50	9.04	9.41	8.56	9.04	7.74	9.00	9.50
#12T (6" arm)	7.87	9.17	8.72	9.55	9.17	9.63	9.54	9.49	9.63	9.17	9.54	8.69	9.17	7.87	10.56	10.56
#12V (6" arm)	7.74	9.04	8.59	9.42	9.04	9.50	9.41	9.36	9.50	9.04	9.41	8.56	9.04	7.74	9.00	9.50
#13 (6" arm)	7.87	9.17	8.72	9.55	9.17	9.63	9.54	9.49	9.63	9.17	9.54	8.69	9.17	7.87	10.56	10.56
#13T (6" arm)	7.87	9.17	8.72	9.55	9.17	9.63	9.54	9.49	9.63	9.17	9.54	8.69	9.17	7.87	10.56	10.56

Axle Alignment Dimensions

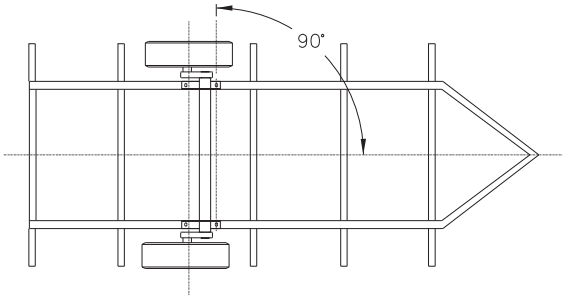


Figure 3

To insure proper tracking, the axle must be placed on the frame perpendicular to the centerline of the vehicle. The accuracy must be within plus or minus one half degree. For multiple axle applications, each axle must be parallel with the others within one sixteenth of an inch when measured at the wheel centers.

CAUTION: When laying out the position for the axle(s), measuring from the front cross member should only be done if the cross member has been checked for squareness to the frame centerline. Any error in the cross member will be transferred to the axle and can result in poor tracking and excessive tire wear.

Dexter Axle Limited Warranty

What Products Are Covered
All Dexter Axle Company ("Dexter") trailer axles, suspensions, and brake control systems manufactured on or after September 1, 2016, excluding Dexter 6000 series Manufactured Housing Axles. Additional exclusions include the following brands: UFP by Dexter, AL-KO (IAC), Titan Brakes and Actuators by Dexter, and BrakeRite by Dexter products, which are covered under separate warranties.

Limited 1 Year Warranty
As specified in Dexter's current publication "Operation Maintenance Service Manual", grease and oil seals FOR ALL PRODUCTS have a one (1) year limited warranty to the original purchaser from the date of first sale of the trailer incorporating such components. **Except as to grease and oil seals, the following four other warranties are available.**

Limited 2 Year Warranty
Dexter warrants to the original purchaser that its electric/hydraulic brake actuators shall be free from defects in material and workmanship for a period of two (2) years from the date of first sale of the trailer incorporating such components.

Limited 5 Year Warranty
Dexter warrants to the original purchaser that its axles, suspension systems and Genuine Replacement Parts shall be free from defects in material and workmanship for a period of five (5) years. The warranty period shall begin from the date of the original purchase of the trailer and/or Genuine Replacement Parts.

Limited 7 Year Warranty
Dexter warrants to the original purchaser that its Predator Series® electric brake controllers shall be free from defects in material and workmanship for a period of seven (7) years from the date of purchase.

Limited 10 Year Warranty
Dexter warrants to the original purchaser that the suspension components of its Torflex® axles shall be free from defects in material and workmanship for a period of ten (10) years from the date of first sale of the trailer incorporating such suspension components.

Exclusive Remedy
Dexter will, at its option, repair or replace the affected components of any defective axle, repair or replace the entire defective axle, or refund the lesser of the original purchase price and the then-current list price of the axle or components. In all cases, a reasonable time period must be allowed for warranty repairs to be completed. Allowance will only be made for installation costs specifically approved by Dexter.

What You Must Do
In order to make a claim under these warranties:

1. You must be the original purchaser of the trailer in which the sprung suspension axles or Torflex® axles or components were originally installed.
2. You must promptly notify Dexter after detection of any defect, but in any case within the applicable warranty period of such defect, and provide us with the axle or applicable component serial number and any substantiation of such defect which may include, but is not limited to, the return of part(s) that we may reasonable request.
3. The axles, suspensions and components must have been installed and maintained in accordance with good industry practice and any specific Dexter recommendations, including those specified in Dexter's current publication "Operation Maintenance Service Manual".

Exclusions
These warranties do not extend to and do not cover defects caused by:

1. The connecting of brake wiring to the trailer wiring or trailer wiring to the towing vehicle wiring.
2. The attachment of the running gear to the frame.
3. Parts not supplied by Dexter.
4. Any damage whatsoever caused by or related to any alteration of the axle including welding supplemental brackets to the axle.
5. Use of an axle on a unit other than the unit to which it was originally mounted.
6. Normal wear and tear.
7. Improper alignment.
8. Improper installation.
9. Unreasonable use (including failure to provide reasonable and necessary maintenance as specified in Dexter's current publication "Operation Maintenance Service Manual including required maintenance after "Prolonged Storage").
10. Improper torque values and torqueing of wheel nuts. (The proper torqueing procedure and torque values are contained in Dexter's current publication "Operation Maintenance Service Manual").
11. Cosmetic finish or corrosion.

Limitations
1. **In all cases, Dexter reserves the right to fully satisfy its obligations under the Limited Warranties by refunding the lesser of the original purchase price and the then-current list price of the defective axle (or, if the axle has been discontinued, of the most nearly comparable current product).**
2. Dexter reserves the right to furnish a substitute of replacement component or product in the event an axle or any component of the axle is discontinued or is otherwise unavailable.
3. These warranties are nontransferable.

General
THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES EXCEPT THAT OF TITLE, WHETHER WRITTEN, ORAL OR IMPLIED, IN FACT OR IN LAW (INCLUDING ANY WARRANTY AGAINST INFRINGEMENT OR OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE).

These warranties give you specific legal rights, and you may also have other rights which vary from state to state.

DEXTER HEREBY EXCLUDES INCIDENTAL AND CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF TIME, INCONVENIENCE, LOSS OF USE, TOWING FEES, TELEPHONE CALLS, COST OF MEALS OR LODGING, FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation if incidental or consequential damages, so the above exclusion or limitation may not apply to you.

Inquiries regarding these warranties should be sent to:

Dexter Axle Company
P.O. Box 250
Elkhart, IN 46515

Note: Current publication "Operation Maintenance Service Manual" can be found at **www.dexteraxle.com**.

Dexter Video Gallery

In keeping with our continual commitment to industry safety and the development of innovative products, please feel free to view our ongoing video gallery at **www.dexteraxle.com/resources/videos** or scan the following QR codes with your smart phone. We are confident these videos will help educate and promote the Dexter product line that you, as our customer, are investing in.

Bearing Maintenance

E/H Actuator Installation

Electric Brakes

E-Z Flex® Suspension

E-Z Lube® System

Genuine Brakes

Genuine Replacement Parts

Leaf Spring Axles

Manual Brake Bleeding

Medium Duty Axles

Nev-R-Adjust® Brakes

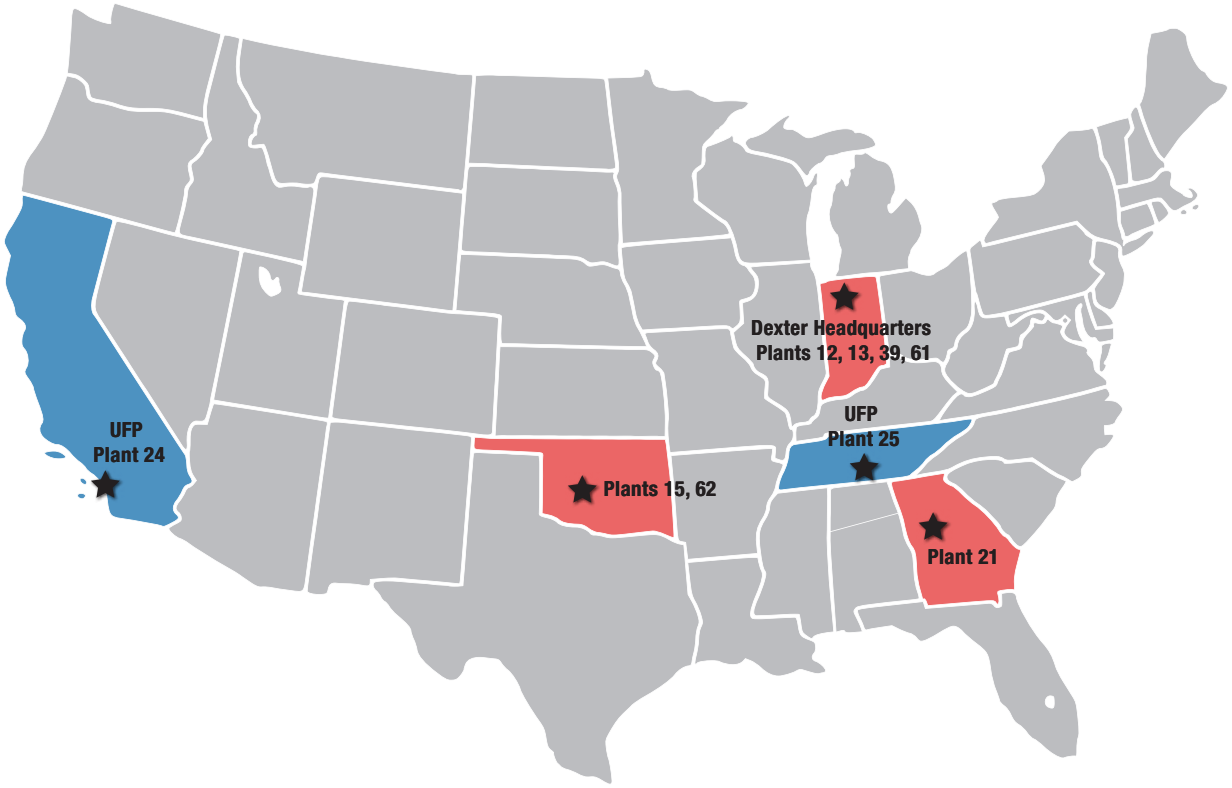
Power Brake Bleeding

Removable Spindle

Sway Control

Torflex® Suspension Axles

Genuine Dexter axles and components are available nationwide from our plant locations listed below or through our network of distributors. Check our web site for the distributor nearest you.



Dexter - Headquarters

2900 Industrial Parkway East ■ Elkhart, Indiana 46516
Phone: 574-295-7888 ■ Fax: 574-295-8666
www.dexteraxle.com

Dexter - Plt 12
301 West Pearl Street
Fremont, Indiana 46737
Phone: 260-495-5100
Fax: 260-495-1701

Dexter - Plt 13
500 South 7th Street
Albion, Indiana 46701
Phone: 260-636-2195
Fax: 260-636-3030

Dexter - Plt 15
500 Southeast 27th Street
El Reno, Oklahoma 73036
Phone: 405-262-6700
Fax: 405-262-9089

Dexter - Plt 21
199 Perimeter Road
Monticello, Georgia 31064
Phone: 706-468-6495
Fax: 706-468-2966

Ventline - Plt 39
902 South Division Street
Bristol, Indiana 46507
Phone: 574-848-4491
Fax: 574-848-4825
www.ventline.com

Dexter Door - Plt 39
902 South Division Street
Bristol, Indiana 46507
Phone: 574-848-4491
Fax: 574-848-4825
www.dexterdoor.com

Dexter - Plt 61
21611 Protecta Drive
Elkhart, Indiana 46516
Phone: 574-294-6651
Fax: 574-295-6626

Dexter - Plt 62
301 North Kennedy Street
Shawnee, Oklahoma 74801
Phone: 405-273-9315
Fax: 405-273-1054

UFP - Plt 24
135 Sunshine Lane
San Marcos, California 92069
Phone: 760-744-1610
Fax: 760-744-1616

UFP - Plt 25
1041 Baxter Lane
Winchester, Tennessee 37398
Phone: 931-967-5101
Fax: 931-967-1828

NO PART OF THIS CATALOG MAY BE REPRODUCED WITHOUT DEXTER'S PERMISSION. ALL PART NUMBERS, DIMENSIONS AND SPECIFICATIONS IN THIS CATALOG ARE SUBJECT TO CHANGE WITHOUT NOTICE.

DEXKO GLOBAL



www.dexteraxle.com
2900 Industrial Parkway East ■ Elkhart, IN 46516
Phone: 574-295-7888 ■ Fax: 574-295-8666

ISO 9001:2015 Certified

07/17

© 1992 - 2017 Dexter Axle Company. LIT-122-00



MEDIUM DUTY CATALOG

9,000 - 15,000 LBS. AXLE CAPACITY

DEXTER®

Table of Contents

Introduction **2**

Video Gallery **3**

Required Axle Dimensions & Features **4**

Options for Spring Suspension Axles 4

Options for Torflex® Suspension Axles 4

Dexter Medium Duty Utility Axle Beam Features 5

Torflex® Axle Beam Features 5

9K-10K GD Capacity:
#13G Torflex®/D90-D100G Leaf Spring **6**

Torflex® Application Information 6

9K, 10K, and #13G General Duty Two-Piece Hubs 7

9K, 10K, and #13G General Duty One-Piece Hubs 8

9K, 10K, #13G, #14T General Duty Two-Piece Hubs 9

10K-15K Capacity:
#13D &#14 Torflex® /
D100, D120 & D150 Leaf Spring **10**

Torflex® Application Information 12,000 Lbs 10

10K, 12K, 15K, #13D, and #14 Hubs 11

Medium Duty Axle Brakes **12**

Electric Brakes **12**

Forward Self-Adjusting Electric Brake 12

Typical Electric Brake Wiring Diagram 12

Electric Brake Parts - Cast Backing Plate 13

Electric Brake Parts - Stamped Backing Plate 14

Hydraulic Brakes **15**

Forward Self-Adjusting Hydraulic Brake & System Diagram 15

Hydraulic Brake Parts 16

Disc Brakes **17**

10K, 12K, #13G, #13D and #14 Hydraulic Disc Brake 17

Hydraulic Disc Brake Parts 17

Air Brakes **18**

Dexter "S" Cam Brake 18

Small "S" Head Hi-Rise 28 Spline 18

Typical Air Brake System Diagram 18

Air Brake Parts – "PQ" Style 19

Suspensions **20**

Dexter Axle Suspension System 20

Cross Frame Hanger Reinforcement 20

Single Slipper **21**

Kits for 2" Wide Springs 21

Kits for 2½" Wide Springs ¾" Spring Eye Bolts 22

Kits for 3" Wide Springs 23

Double Slipper **24**

HDSS Underslung 24

HDSS Overslung 25

Airflex® Suspension **26**

Wheel & Hub Assembly **27**

10,000 Lb. Heavy Duty Wheel & Hub Assembly 27

12,000 Lb. Wheel & Hub Assembly 28

15,000 Lb. Wheel & Hub Assembly 28

Wheels and Tires **29**

Axle Overhang **29**

Oil Lubrication Specification **30**

Bearing Adjustment **30**

Warranty **31**

Locations **32**

Introduction

This information is intended as a guide for the proper specification and application of Dexter Axle running gear, associated components and accessories.

Dexter offers a full line of trailer axles that can be used in many different applications. When specifying any pre-engineered components such as axles, it is the responsibility of the trailer designer to insure compatibility with the vehicle and all of its sub-systems.

Information
The information presented is meant to assist trailer manufacturers in the specification of their running gear components. Dexter Axle does not warrant that the information given constitutes an approved trailer design or application. Dynamic loading, travel requirements unique to the trailer design, unusual service conditions, trailer configurations, unequal load distribution, hitch or coupler arrangements and towing vehicle suspension characteristics can significantly affect the performance of any trailer axle and/or suspension systems. It remains the responsibility of the trailer manufacturer to evaluate, specify and test their trailer/running gear combination before production and to certify it as such. While the information presented at the time of this writing is current, it is subject to change as designs and components evolve over time.

Disclaimer of Warranty and Limitation of Liability
All users of this product catalog acknowledge that the information presented is significantly affected by factors within the exclusive knowledge of the user including, among other things, service conditions, trailer configurations, load distributions, hitch and coupler arrangements and tow vehicle suspension characteristics, that the users have independently investigated these factors and have solely relied on those investigations when using this catalog, and that it is the responsibility of the user to adequately specify, evaluate and test its trailer/running gear combinations.

DEXTER AXLE DISCLAIMS ALL WARRANTIES, WHETHER WRITTEN, ORAL OR IMPLIED, IN FACT OR IN LAW (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE), ASSOCIATED WITH THE USE OF THE CATALOG AND WITH ANY INFORMATION PRESENTED BY THIS CATALOG.

Dexter Axle shall not be liable in damages (whether compensatory, punitive, direct, indirect, special, incidental or consequential) to any user of this catalog under contract, tort, strict liability or any other theory of liability, and any user agrees to indemnify and hold Dexter Axle harmless from any and all claims, actions or other proceedings (including attorney fees and court costs) arising out of the use of this catalog to the extent said claims, actions or other proceedings do not arise out of the sole and exclusive negligence of Dexter Axle.

Load Ratings
The maximum load carrying capacity of any assembly is limited to the lowest load rating of any individual component selected. For instance, the load rating of a pair of wheels may be lower than other axle components selected. If this is the case, the load carrying capacity of the axle assembly is reduced accordingly. As a specific example, if a pair of wheels is rated at 1500 pounds each and is used with other components rated at 4000 pounds per axle, the maximum load capacity is limited to 3000 pounds. If two tires are rated at 1400 pounds each and are used on this assembly, the maximum load carrying capacity is limited to 2800 pounds.

Axle Orientation
When working with trailer running gear, it is important to understand the various features and descriptions of the equipment. Most trailer axles are directional by nature, that is, it is imperative that they be installed onto the trailer in the proper manner to ensure brake functioning and correct wheel alignment. The front of the axle must be oriented toward the front of the trailer. The convention used to define right and left is based on viewing the trailer from the rear and facing in the direction of forward travel.

Features to help identify the front of the axle:
- Electric brake wires exit brake backing plates toward the rear of the axle.
- 12¼" hydraulic brakes have view ports through the dust shield on the back of the assembly. Where the brake lining is visible in the view port, that will indicate the rear or secondary shoe which is always oriented toward the rear of the axle.
- Slipper springs have the spring eye at the front of the axle.
- Leaf spring axles with inner wiring have the wires exit the tube toward the rear of the axle.
- Torflex® axles have the wheel center trailing behind the axle tube.
- Axles using ¾" spherical ball seat wheel nuts will have right and left handed threads. The right handed thread must be on the right end or curb side of the axle while the left handed thread will be on the left end or road side of the axle.

Stub Axle Disclaimer
A stub axle is described as a trailer axle spindle, welded to a short length of tubing. Stub axles may be specified and purchased as plain spindle/tube weldments or they may be fully assembled wheel end units, with or without trailer brakes.

These incomplete axles are sold to manufacturers who wish to incorporate them into a variety of applications such as specialty vehicular axles, belt tensioning devices, machinery pivot points, etc.

DEXTER AXLE HAS NO CONTROL OF THE DESIGN INTENT OF THESE SPECIAL APPLICATIONS AND THEREFORE CANNOT APPLY A RATING OR CAPACITY TO THESE COMPONENTS.

The spindle/tube connection has been designed for suitable stress levels when used in a trailer axle, mounted to an approved suspension system and loaded to no more than the stated

capacity. The use of all or part of the product for applications other than its intended purpose may not be appropriate. It is the customers' responsibility to determine the efficacy and safety of their particular application.

Torflex® axles can also be purchased as stub axles. This type of axle incorporates a self-contained suspension system. They can be specified as stub assemblies that will be rated for capacity when fitted with approved mounting brackets. The stated capacity will be based on the lowest rated component in each assembly.

These stub assemblies are essentially half axles that are intended to be mounted to the trailer chassis independent of each other. The trailer manufacturer must assume responsibility for the integrity of the attachment as well as the final wheel alignment since independent mounting puts these critical aspects out of Dexter's control. If used in pairs of unequal capacity, the trailer manufacturer should assign a Gross Axle Weight Rating of not more than two times the capacity of the lower rated sub assembly.

Video Gallery

In keeping with our continual commitment to industry safety and the development of innovative products, please feel free to view our ongoing video gallery at **www.dexteraxle.com/resources/videos** or scan the following QR codes. We are confident these videos will help educate and promote the Dexter product line that you, as our customer, are investing in.

Bearing Maintenance

E/H Actuator Installation

Electric Brakes

E-Z FLEX® Suspension

TORFLEX® Suspension Axles

E-Z LUBE® System

Genuine Brakes

Genuine Replacement Parts

Leaf Spring Axles

Sway Control

Manual Bleed Hydraulic Disc

Medium Duty Axles

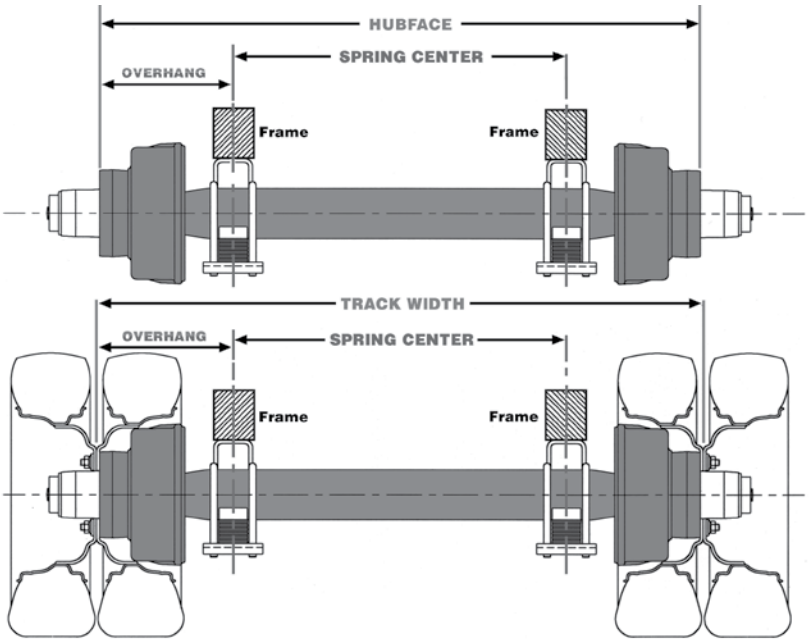
Nev-R-Adjust® Brakes

Power Bleed Hydraulic Disc

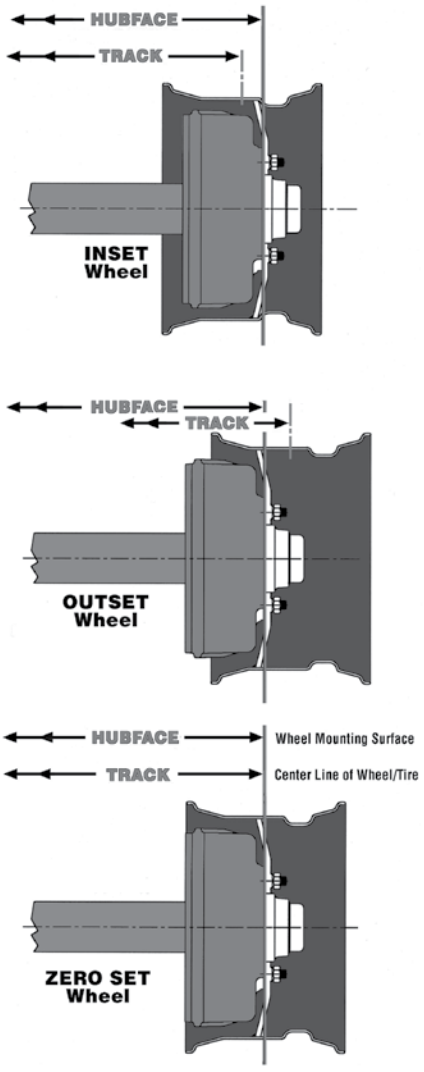
Removable Spindle

Options for Spring Suspension Axles

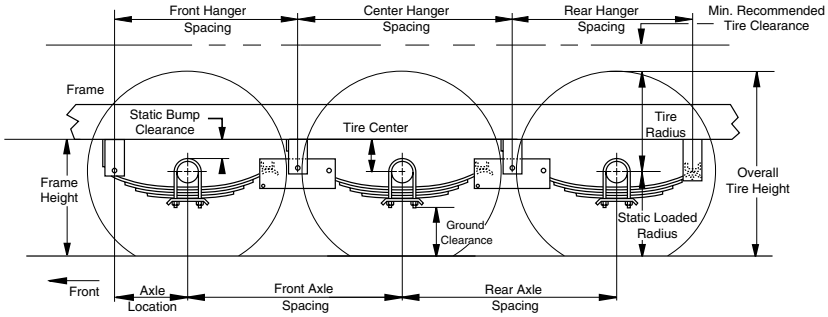
Hubface — Track Width — Spring Center



Wheel Offset

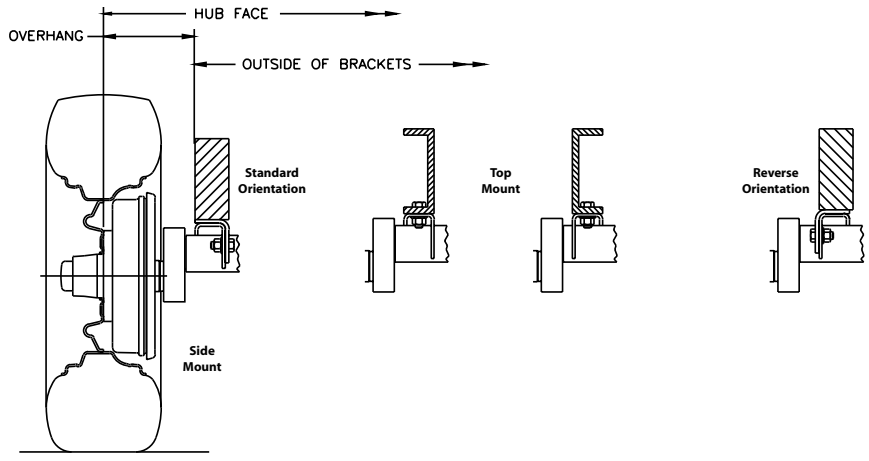


Axle Spacing

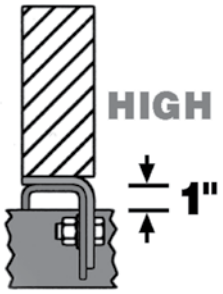


Options for Torflex® Suspension Axles

Bracket Orientation

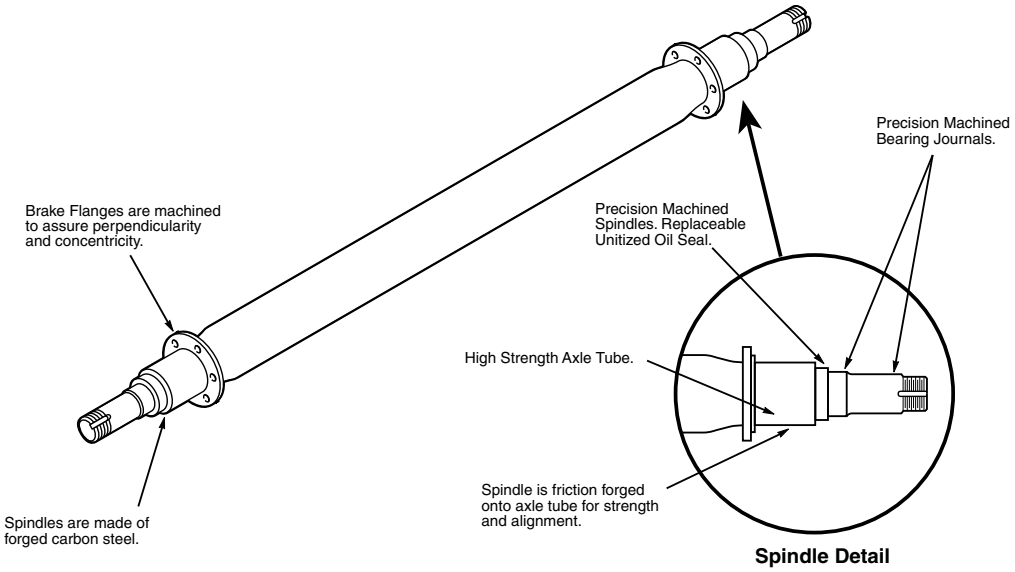


Bracket Profile



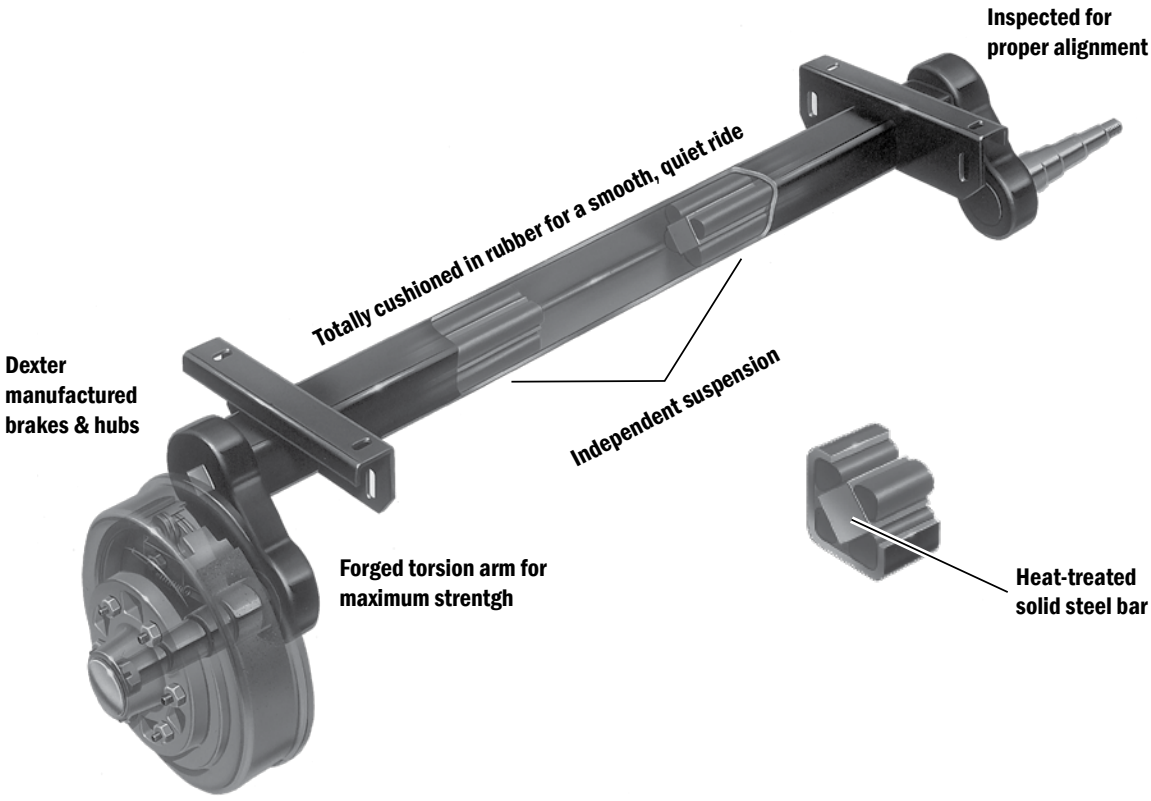
Dexter Medium Duty Utility Axle Beam Features

- Highest strength axle tube generally available for utility vehicle axles.
- Materials used allow a stiffer and stronger axle beam with no camber required.
- The backing plate of the Dexter electric or hydraulic brake mounts on piloted axle brake flange. This assures that brakes will perform effectively.



Torflex® Axle Beam Features

#13G – General Duty **#13D – Heavy Duty** **#14**



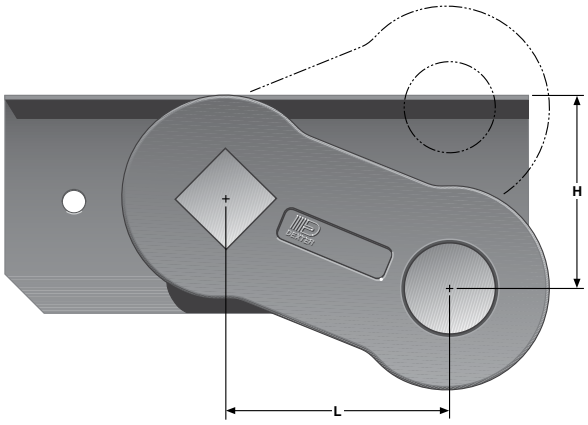
CAUTION: Triple axle assemblies are NOT recommended for #13 or #14 Torflex® axles.

Torflex® Application Information

Articulation Dimensions

Dimensions are for high profile, top mount only. Side mount is .31" higher. Allow 3" bump clearance from full load.

		No Load		Full Load		Shock Load	
Start Angle	Bracket Profile	H	L	H	L	H	L
45° Down	High	7.18	4.24	5.24	5.54	4.24	5.83
32° Down	High	6.12	5.09	3.93	5.92	2.94	5.84
22.5° Down	High	5.24	5.54	2.94	6.00	1.90	5.91
10° Down	High	3.98	5.91	1.64	5.86	0.64	5.54
0°	High	2.94	6.00	0.64	5.54	-0.28	5.06
10° Up	High	1.90	5.91	-0.28	5.06	-0.11	4.42
22.5° Up	High	0.64	5.54	-1.30	4.24	-1.97	3.44



Note: Positive numbers in the H column indicate the spindle is BELOW the top of the bracket. Conversely, negative numbers are ABOVE the top of the bracket.

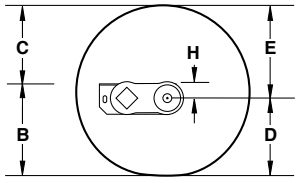
Overhang Per Side

Spindle	Min.	Max.	Brake
#13D	12.25"	17.20"	12¼" x 4"
#13G one-piece	10.11"	17.20"	12¼" x 3⅜"
#13G two-piece	11.35"	17.20"	12¼" x 3⅜"

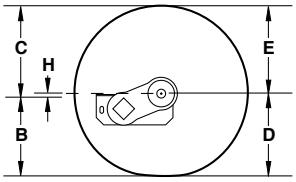
Note: Dual wheel not available for #13G one-piece. One-piece hub/drum is not interchangeable with the two-piece hub & drum.

Full Load Dimensions

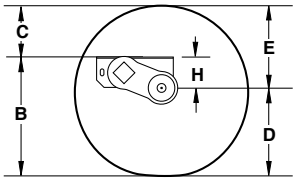
Dimensions are for high profile, top mount only. Side mount is .31" higher. Allow 3" bump clearance from full load.



0º, 10º down



10º, 22.5º up



22.5º, 32º, 45º down

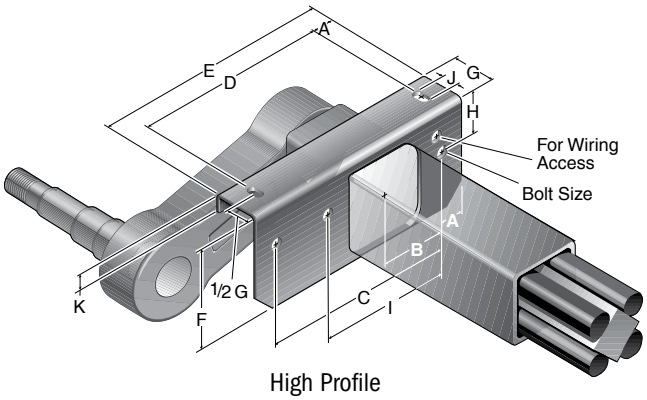
Start Angle

	*	**	45° Down			32° Down			22.5° Down			10° Down			0°			10° Up			22.5° Up		
Tire	D	E	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C
LT235/85R16	14.3	15.4	5.2	19.5	10.2	3.9	18.2	11.4	2.9	17.2	12.5	1.6	15.9	13.8	.6	14.9	14.8	-0.3	14.0	15.7	-1.3	13.0	16.7
215/75R17.5	14.0	15.3	5.2	19.2	10.1	3.9	17.9	11.3	2.9	16.9	12.4	1.6	15.6	13.7	.6	14.6	14.7	-0.3	13.7	15.6	-1.3	12.7	16.6
235/75R17.5	14.3	15.7	5.2	19.5	10.5	3.9	18.2	11.7	2.9	17.2	12.8	1.6	15.9	14.1	.6	14.9	15.1	-0.3	14.0	16.0	-1.3	13.0	17.0
9R17.5HC	15.4	17.1	5.2	20.6	11.9	3.9	19.3	13.1	2.9	18.3	14.2	1.6	17.0	15.5	.6	16.0	16.5	-0.3	15.1	17.4	-1.3	14.1	18.4
10R17.5HC	15.6	18.0	5.2	20.8	12.8	3.9	19.5	14.0	2.9	18.5	15.1	1.6	17.2	16.4	.6	16.2	17.4	-0.3	15.3	18.3	-1.3	14.3	19.3

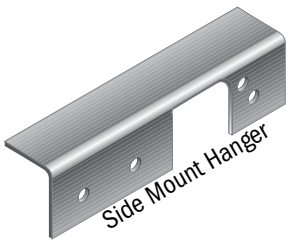
Columns D and E are dimensional examples only:
* D – Static Loaded Radius
** E – Inflated Radius

#13D & #13G Bracket Dimensions

A	1.22
B	3.63
C	10.56
D	10.56
E	13.00
F	5.50
G	2.50
H	2.25
I	7.26
J	1.00
K	1.00
Bolt Size	⅝" bolt
Tube Size	3.88

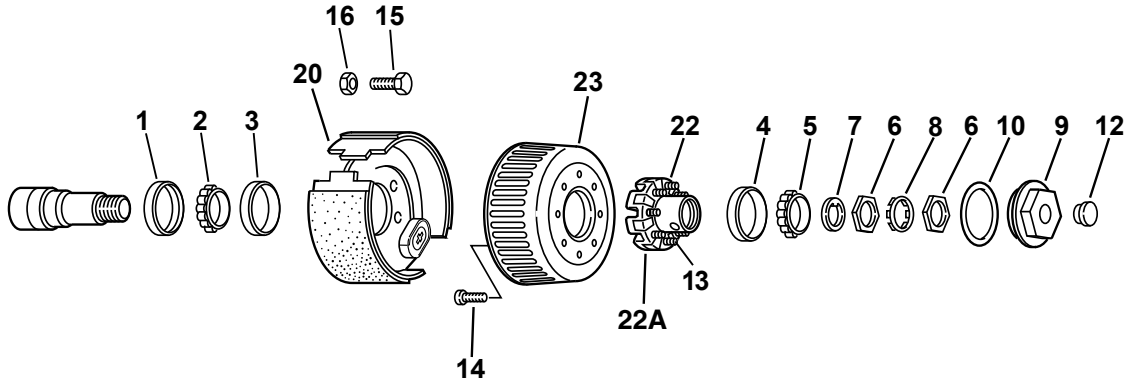


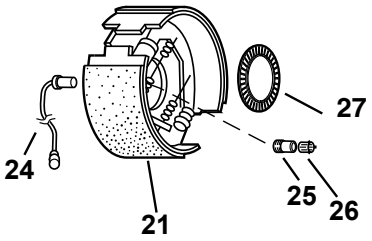
High Profile

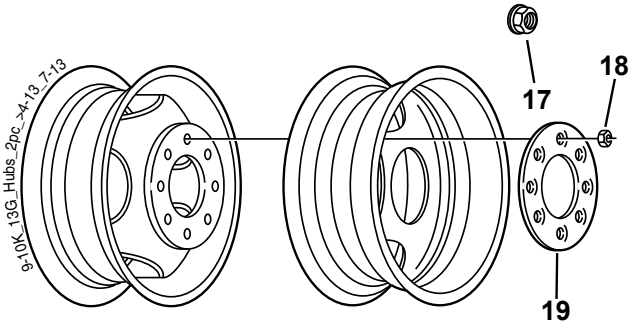


9K, 10K, and #13G General Duty Two-Piece Hubs

After April 2013







Standard Oil Lube Parts

Item	Part No.	Description
1	010-051-02	Oil Seal
2	031-019-02	387A Inner Bearing Cone
3	031-019-01	382A Inner Bearing Cup
4	031-030-01	25520 Outer Bearing Cup
5	031-030-02	25580 Outer Bearing Cone
6	006-096-00	Spindle Nut (2)
7	005-070-00	Spindle Washer
8	005-071-00	Tang Washer
9	021-088-00	Oil Cap
10	010-163-00	'O' Ring
12	046-032-00	Oil Cap Plug
13	007-115-00	⅝-18 Wheel Stud
14	007-292-00	Drum Mounting Screw
15	007-116-00	Brake Mounting Bolt
16	006-017-00	Brake Mounting Nut
ns	005-008-00	Lockwasher

Hub & Drum

Item	Part No.	Description
ns	008-430-05	Oil Hub and Drum w/Cups and Studs
22	008-430-03	Oil Hub w/Cups and Studs
23	009-123-01	Drum - Machined
ns	008-430-07	Oil Hub and Drum w/Cups and Studs ABS
22	008-430-03	Oil Hub w/Cups and Studs
ns	009-123-03	Drum - for ABS

ns - not shown

12¼" x 3⅜" Brakes

Item	Part No.	Description
20	K23-450-00/K23-451-00	LH/RH Electric, FSA
21	K23-410-00/K23-411-00	LH/RH Hydraulic, FSA, Duo-Servo
21	K23-210-00/K23-211-00	LH/RH Hydraulic, RSA, Du-Servo w/Park
ns	K23-412-00/K23-413-00	LH/RH Hydraulic, FSA, Single-Servo
ns	K23-234-00/K23-235-00	LH/RH Hydraulic, Manual Adjust Single-Servo w/Park

ABS Components

Item	Part No.	Description
24	097-004-00	Sensor, Straight
25	024-204-00	Sensor Block
26	097-002-00	Sensor Clip
27	024-205-01	Tone Ring
ns	007-248-00	Tone Ring Screws

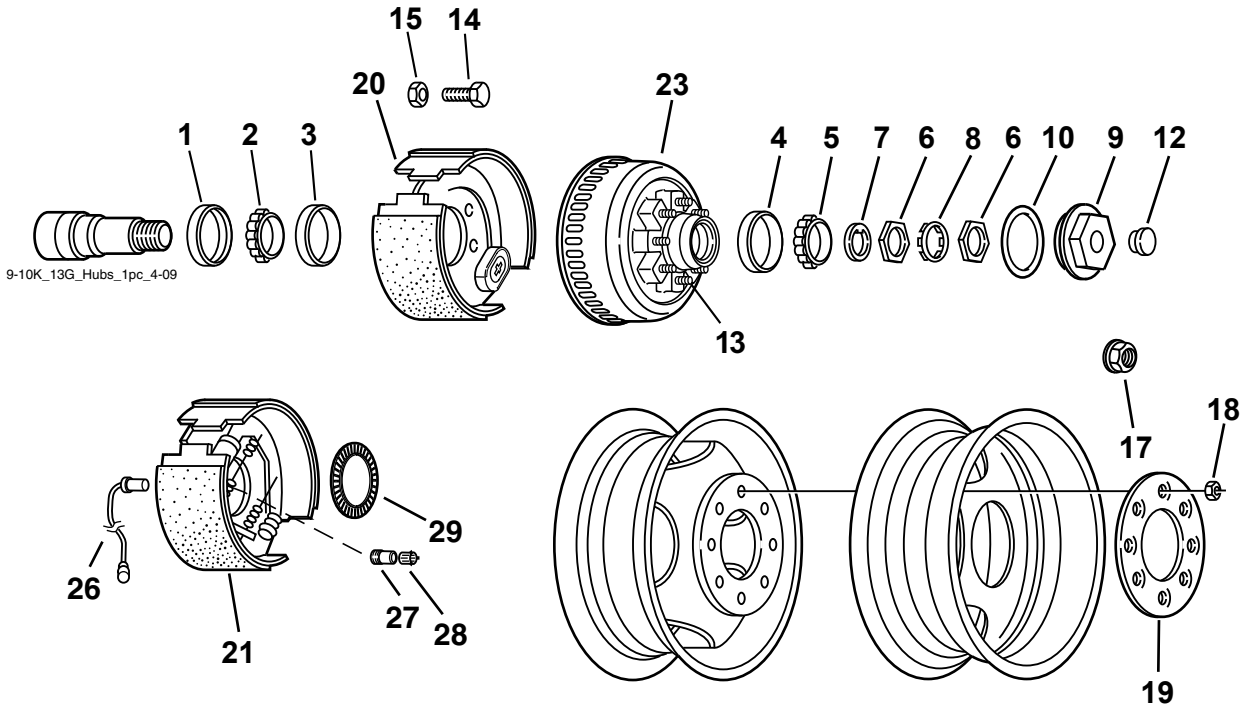
Studs and Wheel Nuts

Item	Part No.	Description	Nut Torque
18*	006-109-00	⅝-18 90° Cone Nut	200 lbs.-ft
19*	033-052-01	Clamp Ring	
17	006-058-00	⅝-18 Flange Nut	300 lbs.-ft
13	007-115-00	⅝-18 Press-in Stud	

* Must use the 90° cone nut with the clamp ring. Alternate fastener is just the flange nut.

9K, 10K, and #13G General Duty One-Piece Hubs

After July 2009



Note: Dual wheel cannot be used with 13G

Standard Oil Lube Parts

Item	Part No.	Description
1	010-051-02	Oil Seal
2	031-019-02	387A Inner Bearing Cone
3	031-019-01	382A Inner Bearing Cup
4	031-030-01	25520 Outer Bearing Cup
5	031-030-02	25580 Outer Bearing Cone
6	006-096-00	Spindle Nut (2)
7	005-070-00	Spindle Washer
8	005-071-00	Tang Washer
9	021-088-00	Oil Cap
10	010-163-00	'O' Ring
12	046-032-00	Oil Cap Plug
13	007-115-00	⅝-18 Wheel Stud
14	007-116-00	Brake Mounting Bolt
15	006-017-00	Brake Mounting Nut
ns	005-008-00	Lockwasher

Hub & Drum

Item	Part No.	Description
23	008-415-02	Hub & Drum Assembly
ns	008-415-04	Hub & Drum Assembly - ABS

ns - not shown

12¼" x 3⅜" Brakes

Item	Part No.	Description
20	K23-450-00/K23-451-00	LH/RH Electric, FSA
21	K23-410-00/K23-411-00	LH/RH Hydraulic, FSA, Duo-Servo
21	K23-210-00/K23-211-00	LH/RH Hydraulic, RSA, Du-Servo w/Park
ns	K23-412-00/K23-413-00	LH/RH Hydraulic, FSA, Single-Servo
ns	K23-234-00/K23-235-00	LH/RH Hydraulic, Manual Adjust Single-Servo w/Park

ABS Components

Item	Part No.	Description
26	097-004-00	Sensor, Straight
27	024-204-00	Sensor Block
28	097-002-00	Sensor Clip
29	024-205-01	Tone Ring
ns	007-248-00	Tone Ring Screws

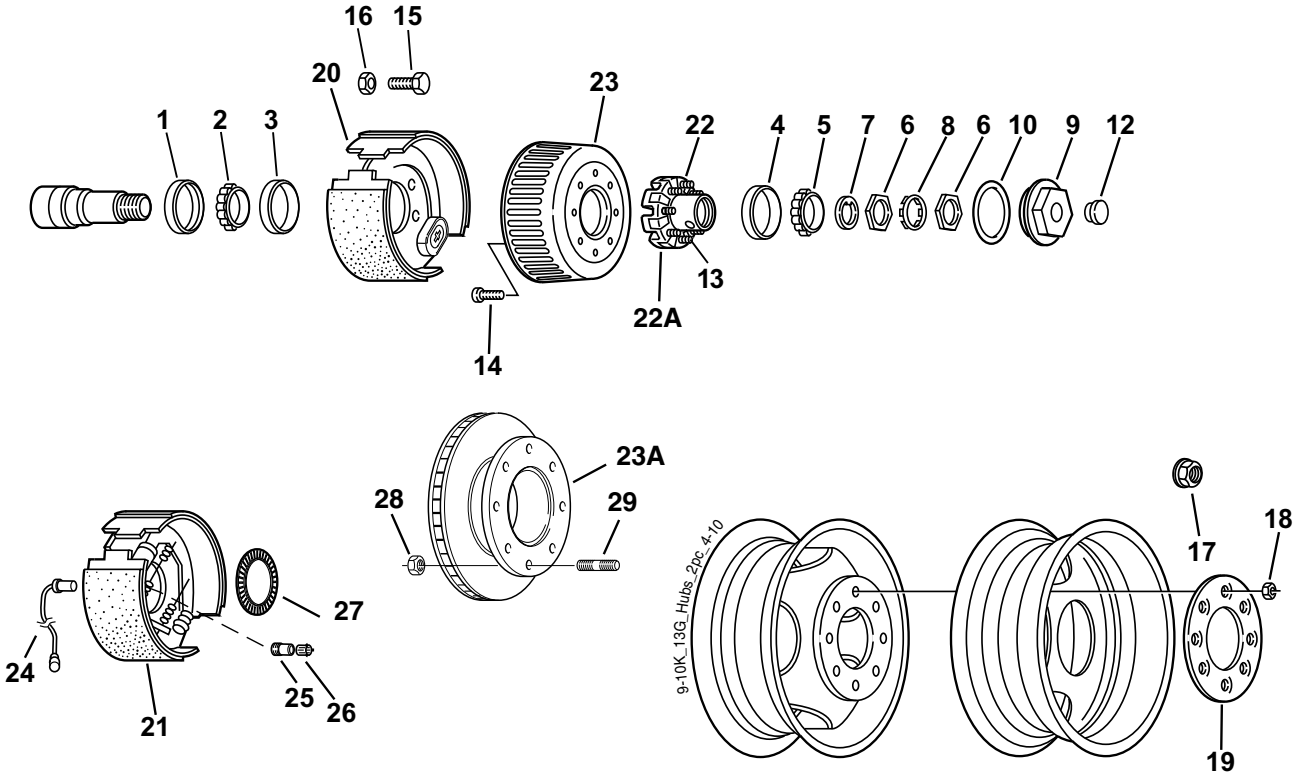
Studs and Wheel Nuts

Item	Part No.	Description	Nut Torque
18*	006-109-00	⅝-18 90° Cone Nut	200 lbs.-ft
19*	033-052-01	Clamp Ring	
17	006-058-00	⅝-18 Flange Nut	300 lbs.-ft
13	007-115-00	⅝-18 Press-in Stud	

* Must use the 90° cone nut with the clamp ring. Alternate fastener is just the flange nut.

9K, 10K, #13G, #14T General Duty Two-Piece Hubs

Before July 2009



Standard Oil Lube Parts

Item	Part No.	Description
1	010-051-02	Oil Seal
2	031-019-02	387A Inner Bearing Cone
3	031-019-01	382A Inner Bearing Cup
4	031-030-01	25520 Outer Bearing Cup
5	031-030-02	25580 Outer Bearing Cone
6	006-096-00	Spindle Nut (2)
7	005-070-00	Spindle Washer
8	005-071-00	Tang Washer
9	021-036-00	Oil Cap
10	010-050-00	'O' Ring
12	046-032-00	Oil Cap Plug
13	007-115-00	⅝-18 Wheel Stud
14	007-245-00	Drum Mounting Screw
15	007-116-00	Brake Mounting Bolt
16	006-017-00	Brake Mounting Nut
ns	005-008-00	Lockwasher

Hub & Drum

Item	Part No.	Description
22	008-288-03	Oil Hub w/Cups and Studs
23	009-044-01	Drum - Machined
ns	009-044-03	Drum - for ABS
ns	008-288-05	Oil Hub and Drum w/Cups and Studs

Hub & Rotor Available on #13G Not Offered on D90, D100G, #14T

Item	Part No.	Description
22A	008-288-07	Oil Hub w/Cups and Studs
23A	070-006-01	Brake Rotor
28	006-046-00	Rotor Mounting Nut
29	025-014-00	Rotor Mounting Stud

12¼" x 3⅜" Brakes

Item	Part No.	Description
20	K23-450-00/K23-451-00	LH/RH Electric, FSA
21	K23-410-00/K23-411-00	LH/RH Hydraulic, FSA, Duo-Servo
21	K23-210-00/K23-211-00	LH/RH Hydraulic, RSA, Du-Servo w/Park
ns	K23-412-00/K23-413-00	LH/RH Hydraulic, FSA, Single-Servo
ns	K23-234-00/K23-235-00	LH/RH Hydraulic, Manual Adjust Single-Servo w/Park

ABS Components

Item	Part No.	Description
24	097-004-00	Sensor, Straight
25	024-204-00	Sensor Block
26	097-002-00	Sensor Clip
27	024-203-00	Tone Ring

Studs and Wheel Nuts

Item	Part No.	Description	Nut Torque
18*	006-109-00	⅝-18 90° Cone Nut	200 lbs.-ft
19*	033-052-01	Clamp Ring	
17	006-058-00	⅝-18 Flange Nut	300 lbs.-ft
13	007-115-00	⅝-18 Press-in Stud	

ns - not shown

* Must use the 90° cone nut with the clamp ring. Alternate fastener is just the flange nut.

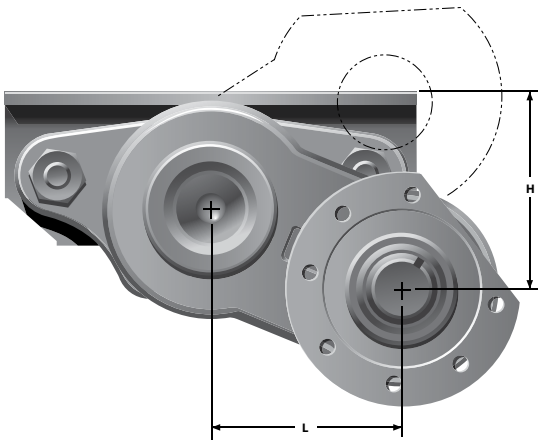
One-piece hub/drum is not interchangeable with the two-piece hub & drum.

Torflex® Application Information 12,000 Lbs.

14 Articulation Dimensions

Dimensions are for #14 bracket. Allow 3" bump clearance from full load.

		No Load		Full Load		Shock Load	
Start Angle	Bracket Profile	H	L	H	L	H	L
45° Down	High	7.68	4.24	5.74	5.54	4.74	5.83
32° Down	High	6.62	5.09	4.43	5.92	3.44	5.84
22.5° Down	High	5.74	5.54	3.44	6.00	2.40	5.91
10° Down	High	4.48	5.91	2.14	5.86	1.14	5.54
0°	High	3.44	6.00	1.14	5.54	0.22	5.06
10° Up	High	2.40	5.91	0.22	5.06	0.39	4.42
22.5° Up	High	1.14	5.54	-0.80	4.24	-1.47	3.44



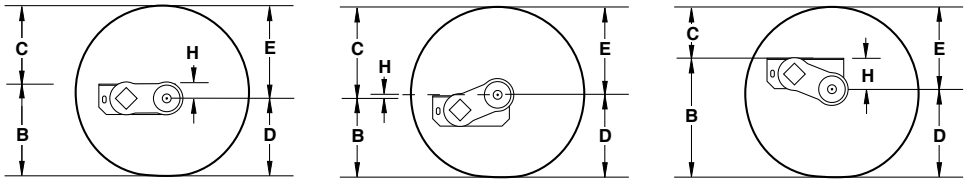
Note: Positive numbers in the H column indicate the spindle is BELOW the top of the bracket. Conversely, negative numbers are ABOVE the top of the bracket.

Note: One-piece hub/drum is not interchangeable with the two-piece hub & drum.

Overhang Per Side

Spindle	Min.	Brake
#14	12.75"	12¼" x 5"
#14T	9.89"	12¼" x 3⅜"
#14	9.19"	Disc

14 Full Load Dimensions



0º, 10º down | 10º, 22.5º up | 22.5º, 32º, 45º down

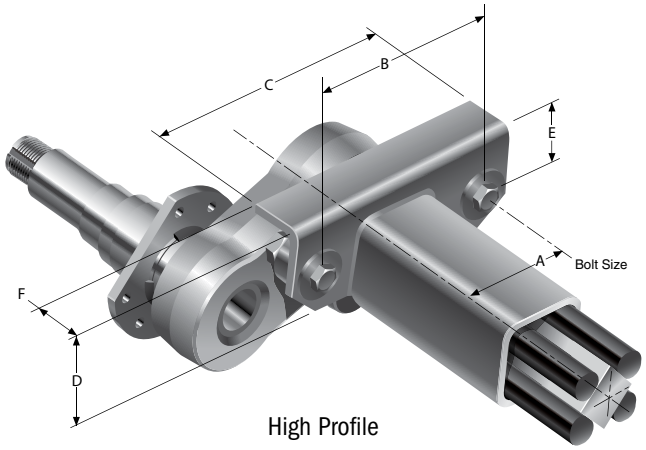
Start Angle

	*	* *	45° Down			32° Down			22.5° Down			10° Down			0°			10° Up			22.5° Up		
Tire	D	E	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C
LT235/85R16	14.3	15.4	5.7	20.0	9.70	4.4	18.7	11.0	3.4	17.7	12.0	2.1	16.4	13.3	1.1	15.4	14.3	.2	14.5	15.2	-0.8	13.5	16.2
215/75R17.5	14.0	15.3	5.7	19.7	9.60	4.4	18.4	10.9	3.4	17.4	11.9	2.1	16.1	13.2	1.1	15.1	14.2	.2	14.2	15.1	-0.8	13.2	16.1
235/75R17.5	14.3	15.7	5.7	20.0	10.0	4.4	18.7	11.3	3.4	17.7	12.3	2.1	16.4	13.6	1.1	15.4	14.6	.2	14.5	15.5	-0.8	13.5	16.5
9R17.5HC	15.4	17.1	5.7	21.1	11.4	4.4	19.8	12.7	3.4	18.8	13.7	2.1	17.5	15.0	1.1	16.5	16.0	.2	15.6	16.9	-0.8	14.6	17.9
10R17.5HC	15.6	18.0	5.7	21.3	12.3	4.4	20.0	13.6	3.4	19.0	14.6	2.1	17.7	15.9	1.1	16.7	16.9	.2	15.8	17.8	-0.8	14.8	18.8

Columns D and E are dimensional examples only:
* D – Static Loaded Radius
** E – Inflated Radius

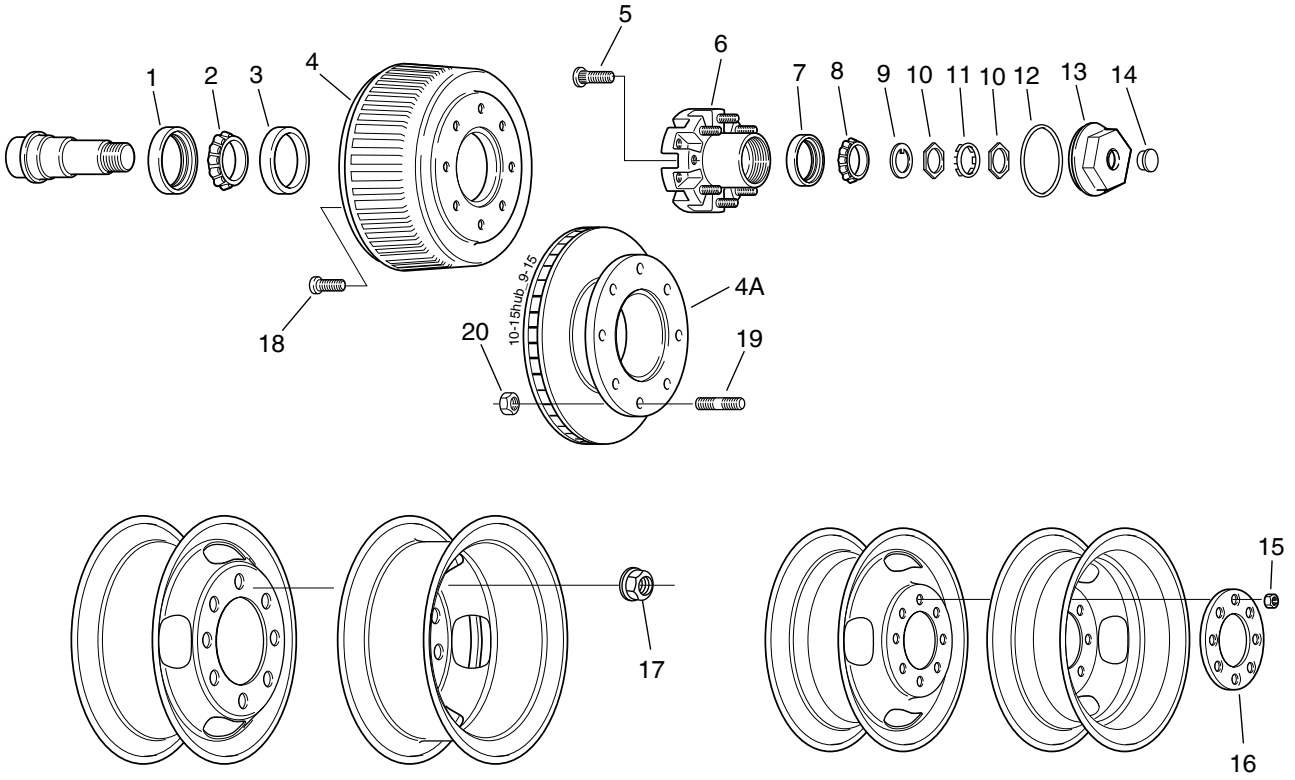
#14 Bracket Dimensions

A	4.50
B	9.00
C	12.00
D	4.50
E	2.44
F	2.50
Bolt Size	¾" bolt
Tube Size	4.25



High Profile

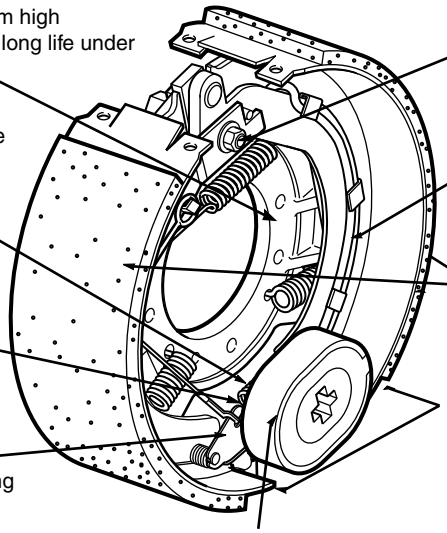
10K, 12K, 15K, #13D, and #14 Hubs



Item	Description	10K, #13D 8 on 6.50	10K, #13D Disc 8 on 6.50	12K Low-Profile 8 on 6.50	12K Hi-Profile 8 on 6.50	#14 Hi-Profile 8 on 6.50	#14 Disc 8 on 6.50	12K Disc 8 on 6.50	15K 8 on 275 mm
1	Unitized Oil Seal	010-056-00	010-056-00	010-056-00	010-056-00	010-056-00	010-056-00	010-056-00	010-056-00
2	Inner Bearing Cone	031-022-02 (395S)	031-022-02 (395S)	031-020-02 (3984)	031-020-02 (3984)	031-020-02 (3984)	031-020-02 (3984)	031-020-02 (3984)	031-023-02 (39520)
3	Inner Bearing Cup	031-022-01 (394A)	031-022-01 (394A)	031-020-01 (3920)	031-020-01 (3920)	031-020-01 (3920)	031-020-01 (3920)	031-020-01 (3920)	031-023-01 (39590)
4	Brake Drum	009-027-01	–	009-028-01	009-028-01	009-028-01	–	–	009-028-01
4	Brake Drum-ABS	009-027-03	–	009-028-05	009-028-05	009-028-05	–	–	009-028-05
4A	Brake Rotor	–	070-006-01	–	–	–	070-010-02	070-006-01	–
4A	Brake Rotor-ABS	–	070-006-02	–	–	–	–	070-006-02	–
5	Wheel Mounting Stud	007-115-00 –	007-115-00 –	007-115-00 –	007-115-00 –	007-115-00 –	007-115-00 –	007-115-00 –	007-194-00 (std) 007-195-00 (long)
6	Hubs w/Cups & Studs	008-214-05 –	008-214-06 –	008-216-08 –	008-214-08 –	008-422-03 –	008-422-04 –	008-214-10 –	008-401-05 (std stud) 008-401-06 (long stud)
7	Outer Bearing Cup	031-019-01 (382A)	031-019-01 (382A)	031-021-01 (28622)	031-021-01 (28622)	031-021-01 (28622)	031-021-01 (28622)	031-021-01 (28622)	031-021-01 (28622)
8	Outer Bearing Cone	031-019-02 (387A)	031-019-02 (387A)	031-021-02 (28682)	031-021-02 (28682)	031-021-02 (28682)	031-021-02 (28682)	031-021-02 (28682)	031-021-02 (28682)
9	Spindle Washer	005-060-00	005-060-00	005-060-00	005-060-00	005-060-00	005-060-00	005-060-00	005-060-00
10	Spindle Nut	006-084-00	006-084-00	006-084-00	006-084-00	006-084-00	006-084-00	006-084-00	006-084-00
11	Tang Washer	005-059-00	005-059-00	005-059-00	005-059-00	005-059-00	005-059-00	005-059-00	005-059-00
12	Oil Cap "O" Ring	010-050-00	010-050-00	010-050-00	010-050-00	010-050-00	010-050-00	010-050-00	010-050-00
13	Oil Cap	021-036-00	021-036-00	021-036-00	021-036-00	021-036-00	021-036-00	021-036-00	021-036-00
14	Oil Cap Plug	046-032-00	046-032-00	046-032-00	046-032-00	046-032-00	046-032-00	046-032-00	046-032-00
15	Wheel Nut	006-109-00	006-109-00	006-109-00	006-109-00	006-109-00	006-109-00	006-109-00	–
16	Wheel Clamp Ring	033-052-01	033-052-01	033-052-01	033-052-01	033-052-01	033-052-01	033-052-01	–
17	Flange Nut (swivel)	006-209-00	006-209-00	006-209-00	006-209-00	006-209-00	–	006-209-00	006-118-00
18	Drum Mounting Screw	007-244-00	–	007-244-00	007-244-00	007-245-00	–	–	007-244-00
19	Rotor Mounting Stud	–	025-014-00	–	–	–	–	025-014-00	–
20	Rotor Mounting Nut	–	006-046-00	–	–	–	–	006-046-00	–
21	Disc Mounting Screw (ns)	–	–	–	–	–	007-292-00	–	–

ns - not shown

Forward Self-Adjusting Electric Brake



Backing Plate is a cast spider from high strength ductile iron designed for long life under heavy duty braking conditions.

Adjuster Spring holds heel ends of brake shoes engaged with adjuster link.

Adjuster Link transmits braking forces between brake shoes. Length is adjusted during normal vehicle forward and reverse operation to maintain close brakes shoe-to-drum relation for maximum braking efficiency and service-free operation.

Adjuster Pawl is cable actuated when brake is applied while vehicle is operating in forward or reverse.

Anchor post of high strength steel to accept high torques of heavy duty brake service.

Heavy Duty Actuating Lever with oil impregnated bushing for long trouble-free operation.

Brake Linings are truck type for improved stopping force and extended service life. Linings are bonded to brake shoes for more useable lining life.

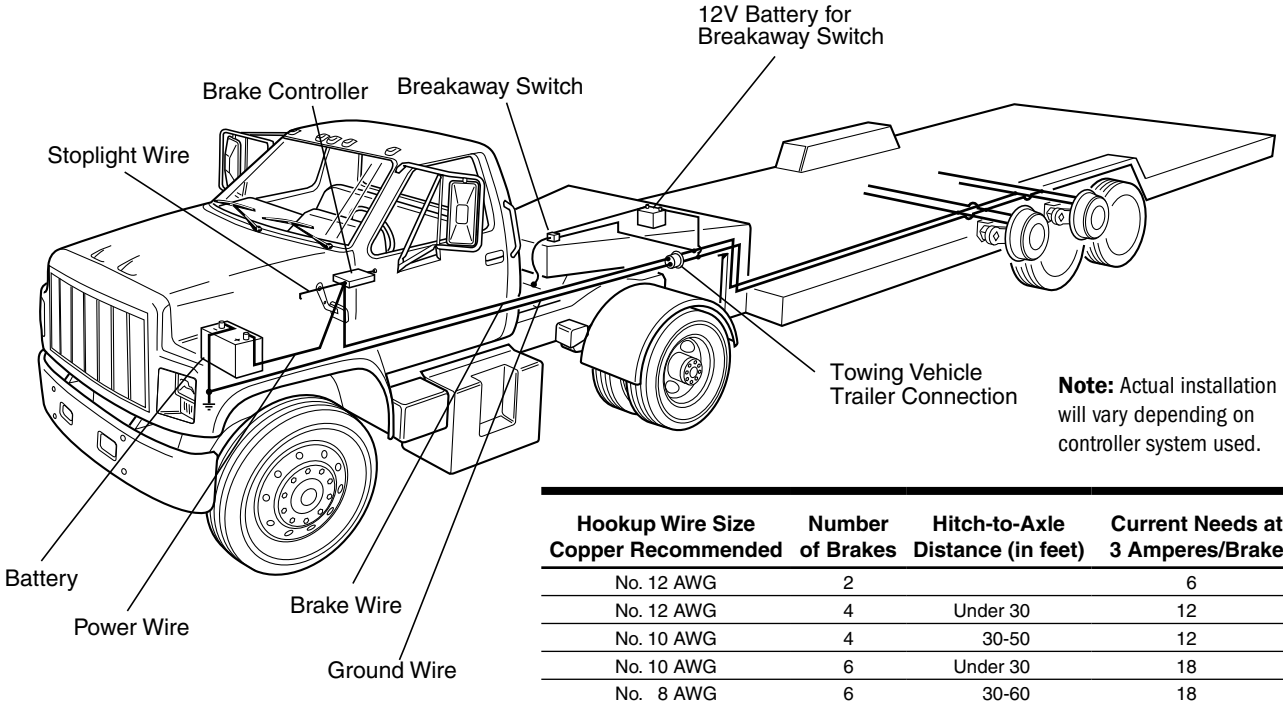
Brake Shoes are fabricated out of heavy gauge steel to completely support brake linings under service conditions without warping. The shoes assure adequate strength to withstand high forces needed for more efficient braking.

Electromagnet, powdered metal body with large, friction wear surface. Spring on actuating lever pin positions electromagnet positively against drum armature surface.

Electric Brakes

Size	Capacity	Part No. LH	Part No. RH
12¼" x 3⅜"	9K, 10K GD, #13G	K23-450-00	K23-451-00
12¼" x 4"	10K, #13D	K23-438-00	K23-439-00
12¼" x 5"	12K	K23-442-00	K23-443-00
12¼" x 5"	15K	K23-446-00	K23-447-00

Typical Electric Brake Wiring Diagram

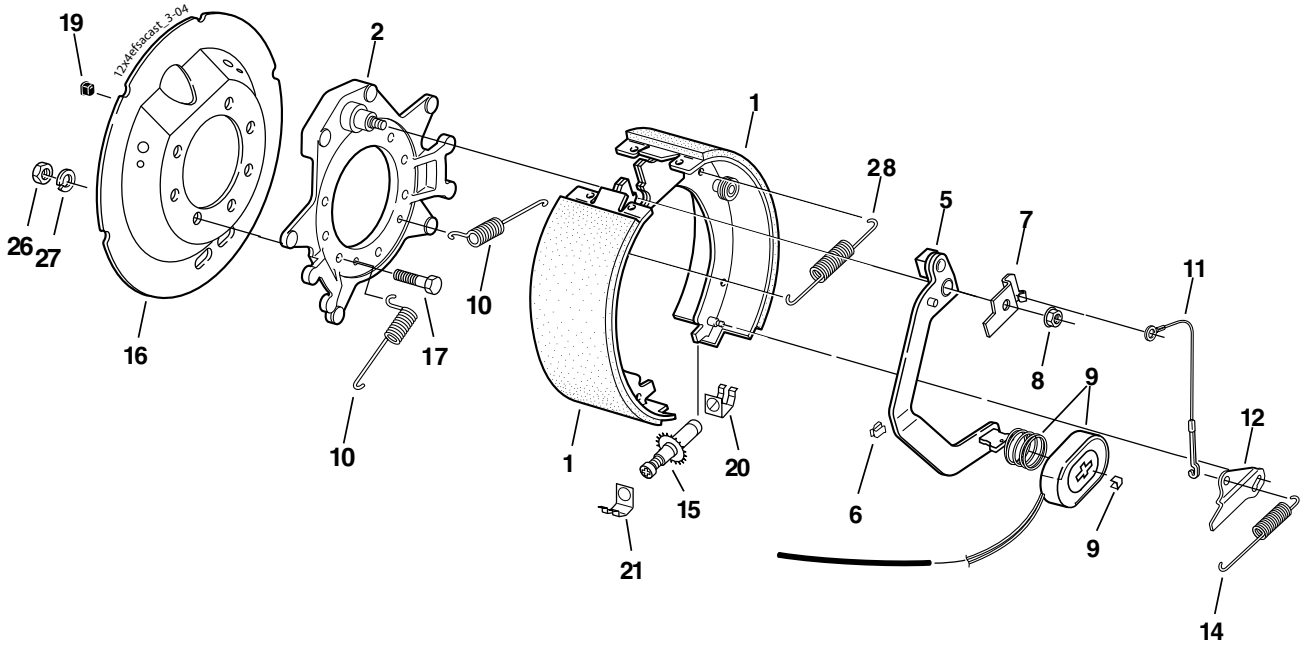


Note: Actual installation will vary depending on controller system used.

Hookup Wire Size Copper Recommended	Number of Brakes	Hitch-to-Axle Distance (in feet)	Current Needs at 3 Amperes/Brake
No. 12 AWG	2		6
No. 12 AWG	4	Under 30	12
No. 10 AWG	4	30-50	12
No. 10 AWG	6	Under 30	18
No. 8 AWG	6	30-60	18

Electric Brake Parts - Cast Backing Plate

After April 2000

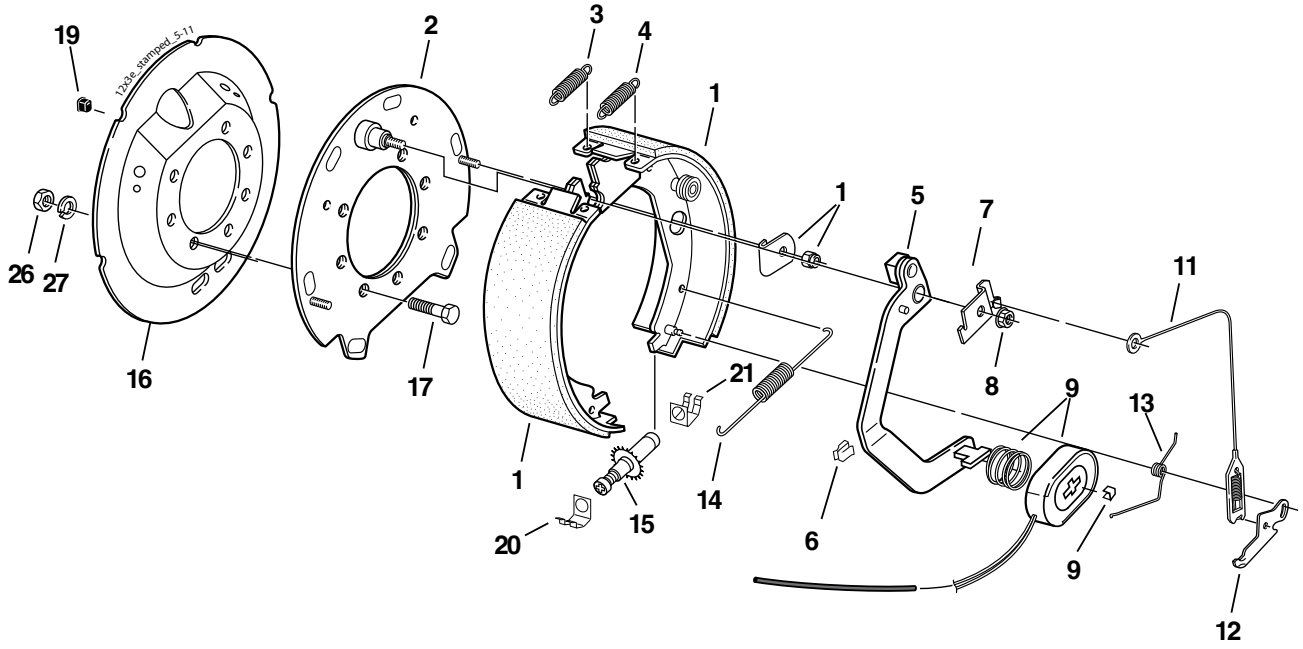


Item	Description	Qty Per Brake	12¼" x 3⅜" 9K, 10K GD, #13G Part No.	12¼" x 4" 10K, #13D Part No.	12¼" x 5" 12K Part No.	12¼" x 5" 15K Part No.
1	LH Shoe & Lining Kit Contains:	1	K71-499-00	K71-501-00	K71-503-00	K71-503-00
	LH Primary	1	040-350-01	040-352-01	040-354-01	040-354-01
	LH Secondary	1	040-351-02	040-353-02	040-355-02	040-355-02
1	RH Shoe & Lining Kit Contains:	1	K71-498-00	K71-500-00	K71-502-00	K71-502-00
	RH Primary	1	040-351-01	040-353-01	040-355-01	040-355-01
	RH Secondary	1	040-350-02	040-352-02	040-354-02	040-354-02
2	Backing Plate Assembly	1	036-120-02	036-120-02	036-120-02	036-120-02
5	LH Actuator Arm Assembly	1	047-123-38	047-123-38	047-123-36	047-123-36
	RH Actuator Arm Assembly	1	047-123-37	047-123-37	047-123-35	047-123-35
6	Wire Clip	3	027-039-00	027-039-00	027-039-00	027-039-00
7	LH Arm/Shoe Retainer	1	071-455-01	071-455-01	071-455-01	071-455-01
	RH Arm/Shoe Retainer	1	071-455-02	071-455-02	071-455-02	071-455-02
8	Flange Nut	1	006-092-01	006-092-01	006-092-01	006-092-01
9	Magnet Kit Contains:	1	K71-378-00	K71-378-00	K71-378-00	K71-378-00
	Magnet Retainer Clip	1	027-050-00	027-050-00	027-050-00	027-050-00
	Magnet Assembly	1	042-131-00	042-131-00	042-131-00	042-131-00
	Magnet Mounting Spring	1	046-117-00	046-117-00	046-117-00	046-117-00
10	Centering Spring	2	046-136-00	046-136-00	046-136-00	046-136-00
11	Adjuster Cable	1	071-462-00	071-462-00	071-462-00	071-462-00
12	LH Adjuster Lever	1	071-464-00	071-464-00	071-464-00	071-464-00
	RH Adjuster Lever	1	071-463-00	071-463-00	071-463-00	071-463-00
14	Adjuster Spring	1	046-137-00	046-137-00	046-137-00	046-137-00
15	LH Adjuster Assembly	1	048-019-00	048-019-00	048-019-00	048-019-00
	RH Adjuster Assembly	1	048-020-00	048-020-00	048-020-00	048-020-00
16	Dust Shield	1	036-115-21	036-115-22	036-115-23	036-115-23
17	Brake Mounting Screw	7	007-116-00	007-116-00	007-116-00	007-116-00
19	Wire Grommet	1	046-016-00	046-016-00	046-016-00	046-016-00
20	Adjuster Clip (thread end)	1	046-132-00	046-132-00	046-132-00	046-132-00
21	Adjuster Clip (barrel end)	1	046-133-00	046-133-00	046-133-00	046-133-00
26	Brake Mounting Nut	7	006-017-00	006-017-00	006-017-00	006-017-00
27	Brake Mounting Lockwasher	7	005-008-00	005-008-00	005-008-00	005-008-00
28	Return Spring	1	046-119-00	046-119-00	046-119-00	046-119-00

Electric Brake Parts - Stamped Backing Plate

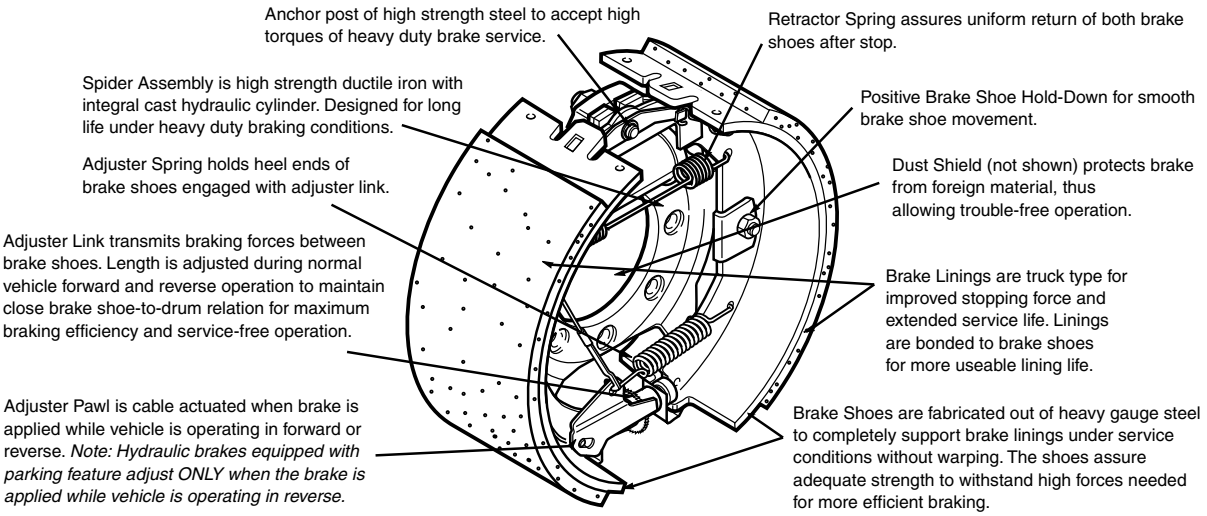
Prior to April 2000

Service Parts Only



Item	Description	Qty Per Brake	12¼" x 3⅜" 9K, 10K GD, #13G Part No.	12¼" x 4" 10K, #13D Part No.	12¼" x 5" 12K Part No.	12¼" x 5" 15K Part No.
1	LH Shoe & Lining Kit Contains:	1	K71-049-00	K71-051-00	K71-053-00	K71-053-00
	LH Primary	1	040-110-01	040-108-01	040-102-01	040-102-01
	LH Secondary	1	040-111-02	040-109-02	040-103-02	040-103-02
	Shoe Hold Down Washer	2	005-107-00	005-107-00	005-107-00	005-107-00
	Lock Nut	2	006-127-00	006-127-00	006-127-00	006-127-00
1	RH Shoe & Lining Kit Contains:	1	K71-050-00	K71-052-00	K71-054-00	K71-054-00
	RH Primary	1	040-111-01	040-109-01	040-103-01	040-103-01
	RH Secondary	1	040-110-02	040-108-02	040-102-02	040-102-02
	Shoe Hold Down Washer	2	005-107-00	005-107-00	005-107-00	005-107-00
	Lock Nut	2	006-127-00	006-127-00	006-127-00	006-127-00
2	Backing Plate Assembly (obsolete)	1	036-072-05	036-072-05	036-072-06	036-072-06
3	Shoe Return Spring (rear-black)	1	046-071-00	046-071-00	046-071-00	046-071-00
4	Shoe Return Spring (front-green)	1	046-083-00	046-083-00	046-083-00	046-083-00
5	LH Actuator Arm Assembly	1	047-123-38	047-123-38	047-123-36	047-123-36
	RH Actuator Arm Assembly	1	047-123-37	047-123-37	047-123-35	047-123-35
6	Wire Clip	3	027-039-00	027-039-00	027-039-00	027-039-00
7	LH Arm/Shoe Retainer	1	071-455-01	071-455-01	071-455-01	071-455-01
	RH Arm/Shoe Retainer	1	071-455-02	071-455-02	071-455-02	071-455-02
8	Flange Nut	1	006-092-01	006-092-01	006-092-01	006-092-01
9	Magnet Kit Contains:	1	K71-378-00	K71-378-00	K71-378-00	K71-378-00
	Magnet Retainer Clip	1	027-050-00	027-050-00	027-050-00	027-050-00
	Magnet Assembly	1	042-131-00	042-131-00	042-131-00	042-131-00
	Magnet Mounting Spring	1	046-117-00	046-117-00	046-117-00	046-117-00
11	Adjuster Cable	1	071-020-00	071-020-00	071-020-00	071-020-00
12	LH Adjuster Lever	1	071-019-01	071-019-01	071-019-01	071-019-01
	RH Adjuster Lever	1	071-019-02	071-019-02	071-019-02	071-019-02
13	LH Adjuster Lever Spring	1	046-073-00	046-073-00	046-073-00	046-073-00
	RH Adjuster Lever Spring	1	046-074-00	046-074-00	046-074-00	046-074-00
14	Adjuster Spring	1	046-072-00	046-072-00	046-072-00	046-072-00
15	LH Adjuster Assembly	1	048-009-00	048-009-00	048-009-00	048-009-00
	RH Adjuster Assembly	1	048-010-00	048-010-00	048-010-00	048-010-00
16	Dust Shield	1	036-115-21	036-115-22	036-115-23	036-115-23
17	Brake Mounting Screw	7	007-116-00	007-116-00	007-116-00	007-116-00
19	Wire Grommet	1	046-016-00	046-016-00	046-016-00	046-016-00
20	Adjuster Clip (thread end)	1	046-132-00	046-132-00	046-132-00	046-132-00
21	Adjuster Clip (barrel end)	1	046-133-00	046-133-00	046-133-00	046-133-00
26	Brake Mounting Nut	7	006-017-00	006-017-00	006-017-00	006-017-00
27	Brake Mounting Lockwasher	7	005-008-00	005-008-00	005-008-00	005-008-00

Forward Self-Adjusting Hydraulic Brake & System Diagram



Hydraulic Brakes

Size	Capacity	Part No. LH	Part No. RH	
12¼" x 3⅜"	9K, 10K GD, #13G	K23-410-00	K23-411-00	Duo-Servo
12¼" x 3⅜"	9K, 10K GD, #13G	K23-412-00	K23-413-00	Uni-Servo
12¼" x 3⅜"	9K, 10K GD, #13G	K23-210-00	K23-211-00	Duo-Servo*
12¼" x 4"	10K, #13D	K23-404-00	K23-405-00	Duo-Servo
12¼" x 4"	10K, #13D	K23-414-00	K23-415-00	Uni-Servo
12¼" x 4"	10K, #13D	K23-168-00	K23-169-00	Duo-Servo*
12¼" x 4"	10K, #13D	K23-222-00	K23-223-00	Uni-Servo**
12¼" x 5"	12K	K23-408-00	K23-409-00	Duo-Servo
12¼" x 5"	12K	K23-416-00	K23-417-00	Uni-Servo
12¼" x 5"	12K	K23-165-00	K23-166-00	Duo-Servo*
12¼" x 5"	15K	K23-406-00	K23-407-00	Duo-Servo
12¼" x 5"	15K	K23-162-00	K23-163-00	Duo-Servo*

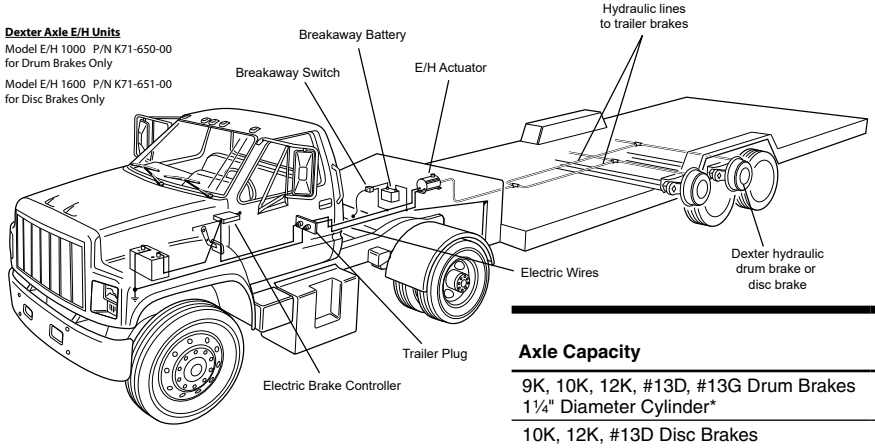
* Duo-Servo brake with park is equipped with a rear self-adjusting feature.

** Uni-Servo brake with park is equipped with a manual adjusting feature.

Hydraulic System Installation Suggestions

1. Use 3⁄16" steel tubing having 2000 PSI working pressure rating for all hardline connections between the actuator and take-off to axle. All tubing must have double flare connection at joints.
2. Anchor hydraulic tubing securely to frame and axle.
3. Use inverted flare fittings having 82° included angle.
4. Use D.O.T. high pressure hydraulic hose for flex connection(s) (frame to axle).

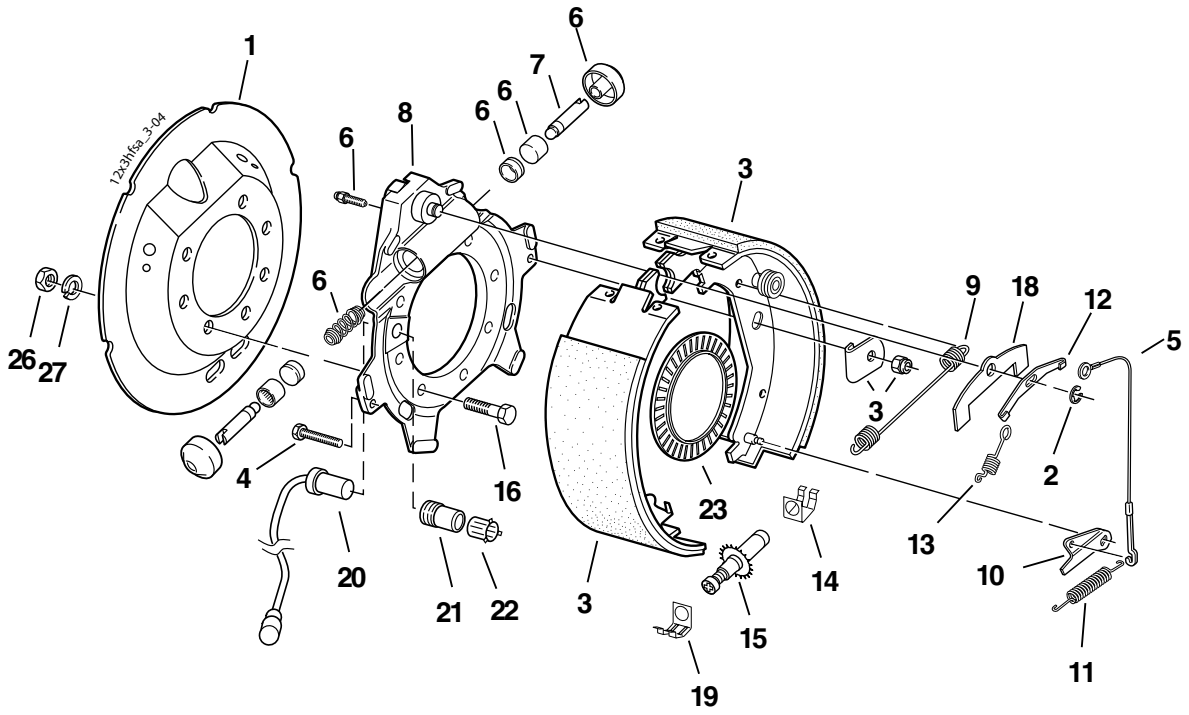
WARNING: It is the brake system installer's responsibility to insure compatibility between towing vehicles and trailer actuation systems. Various combinations of Air/Hydraulic, E/H, or Vacuum/Hydraulic and tow vehicle systems can allow normal working pressure to exceed 1000 PSI on drum brakes. Pressures in excess of 1000 PSI on drum brakes increase lining wear and can lead to component failure. Make certain your system has the correct peak pressure to activate brakes properly.



Axle Capacity	Maximum Operating Pressure (PSI)	Total Fluid Displacement Required per Axle
9K, 10K, 12K, #13D, #13G Drum Brakes 1¼" Diameter Cylinder*	1000	1.30 cu. in.
10K, 12K, #13D Disc Brakes 2½" Diameter Piston (Quantity 2)**	1600	.80 cu. in
15K Drum Brakes 1⅜" Diameter cylinder*	1000	1.50 cu. in.

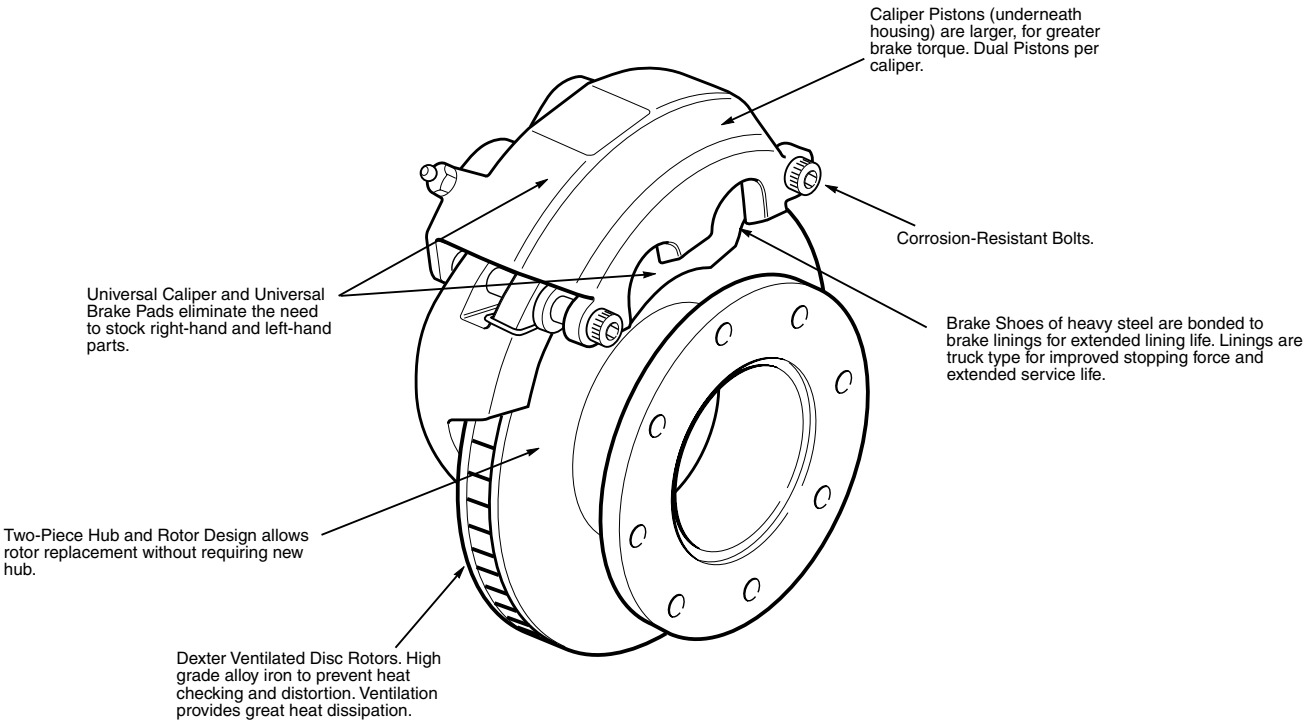
* Use ⅜-24 flare nut fitting on 3⁄16" tube or hose to connect to back of brake.
** Use 7⁄16-20 straight thread inlet to connect to brake.

Hydraulic Brake Parts



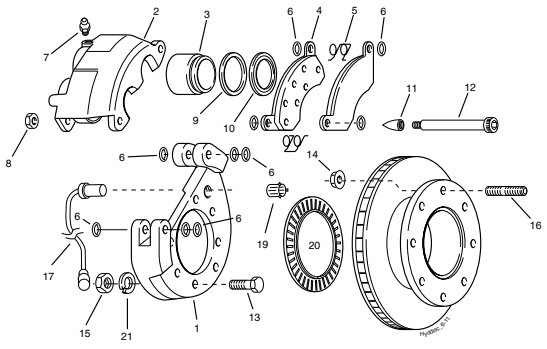
Item	Description	Qty Per Brake	12¼" x 3⅜" 9K, 10K GD, #13G Part No.	12¼" x 4" 10K, #13D Part No.	12¼" x 5" 12K Part No.	12¼" x 5" 15K Part No.
1	Dust Cover	1	036-115-21	036-115-22	036-115-23	036-115-23
2	Retainer	1	069-053-00	069-053-00	069-053-00	069-053-00
3	LH Shoe & Lining Kit Contains:	1	K71-165-00	K71-167-00	K71-169-00	K71-169-00
	LH Primary	1	040-199-01	040-197-01	040-195-01	040-195-01
	LH Secondary	1	040-199-02	040-197-02	040-195-02	040-195-02
	Hold Down Washer	2	005-107-00	005-107-00	005-107-00	005-107-00
	Hold Down Locknut	2	006-086-00	006-086-00	006-086-00	006-086-00
3	RH Shoe & Lining Kit Contains:	1	K71-166-00	K71-168-00	K71-170-00	K71-170-00
	RH Primary	1	040-200-01	040-198-01	040-196-01	040-196-01
	RH Secondary	1	040-200-02	040-198-02	040-196-02	040-196-02
	Hold Down Washer	2	005-107-00	005-107-00	005-107-00	005-107-00
	Hold Down Locknut	2	006-086-00	006-086-00	006-086-00	006-086-00
4	Show Hold Down Screw	2	007-113-00	007-113-00	007-113-00	007-113-00
5	Adjuster Cable	1	071-462-00	071-462-00	071-462-00	071-462-00
6	Wheel Cylinder Kit Contains:	1	K71-081-00	K71-081-00	K71-081-00	K71-082-00
	Cylinder Spring	1	046-128-00	046-128-00	046-128-00	046-129-00
	Cylinder Boot	2	054-032-00	054-032-00	054-032-00	054-032-00
	Cylinder Piston	2	054-038-00	054-038-00	054-038-00	054-030-00
	Cylinder Cup	2	054-086-00	054-086-00	054-086-00	054-087-00
	Bleeder Screw	1	054-035-00	054-035-00	054-035-00	054-035-00
7	Cylinder Push Rod	2	054-033-00	054-033-00	054-033-00	054-033-00
8	Spider Assembly	1	036-063-06	036-063-06	036-063-06	036-063-04
9	Retractor Spring	1	046-087-00	046-087-00	046-087-00	046-087-00
10	LH Adjuster Lever	1	071-464-00	071-464-00	071-464-00	071-464-00
	RH Adjuster Lever	1	071-463-00	071-463-00	071-463-00	071-463-00
11	LH Adjuster Lever Spring (blue)	1	046-135-00	046-135-00	046-135-00	046-135-00
	RH Adjuster Lever Spring (black)	1	046-134-00	046-134-00	046-134-00	046-134-00
12	Cable Attachment Bracket FSA	1	071-456-00	071-456-00	071-456-00	071-456-00
13	Extension Spring	1	046-131-01	046-131-01	046-131-01	046-131-01
14	Adjuster Clip (barrel end)	1	046-133-00	046-133-00	046-133-00	046-133-00
15	LH Adjuster Assembly	1	048-019-00	048-019-00	048-019-00	048-019-00
	RH Adjuster Assembly	1	048-020-00	048-020-00	048-020-00	048-020-00
16	Brake Mounting Bolt	7	007-116-00	007-116-00	007-116-00	007-116-00
18	Piston Stop	1	034-062-00	034-062-00	034-062-00	034-062-00
19	Adjuster Clip (thread end)	1	046-132-00	046-132-00	046-132-00	046-132-00
26	Brake Mounting Nut	7	006-017-00	006-017-00	006-017-00	006-017-00
27	Lockwasher	7	005-008-00	005-008-00	005-008-00	005-008-00
Optional ABS Parts:						
20	ABS Sensor (straight)	1	097-004-00	097-004-00	097-004-00	097-004-00
21	ABS Sensor Mounting Block	1	024-204-00	024-204-00	024-204-00	024-204-00
22	ABS Sensor Retaining Clip	1	097-002-00	097-002-00	097-002-00	097-002-00
23	ABS Tone Ring in Drum	1	024-203-00	024-203-00	024-203-00	024-203-00

10K, 12K, #13G, #13D and #14 Hydraulic Disc Brake



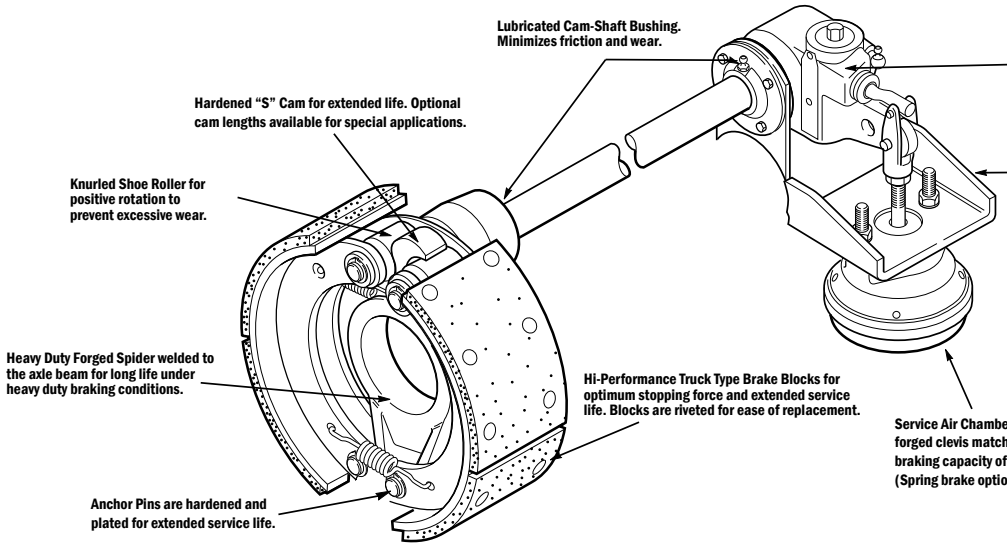
Hydraulic Disc Brake Parts

Item	Description	Qty/ Brake	10K, 12K	#13G, #13D	#14
1	Anchor Yoke Assembly (includes 6 of item #6)	1	090-002-02	090-002-02	090-011-02
2	Caliper Assembly (includes items #6, 3, 9, 10)	1	089-002-02	089-002-02	089-002-02
3	Caliper Piston	2	054-066-00	054-066-00	054-066-00
12	Shoulder Screw ⅝ x 5	2	007-186-00	007-186-00	007-186-00
13	Hex Screw 7/16-20 x 1.75	7	007-116-00	007-116-00	007-116-00
14	Flange Nut	8	006-046-00	006-046-00	–
15	Hex Nut 7/16-20	7	006-017-00	006-017-00	006-017-00
16	Rotor Mounting Stud	8	025-014-00	025-014-00	–
17	ABS Sensor (straight)	1	097-004-00	–	–
19	ABS Sensor Retaining Clip	1	097-002-00	–	–
20	ABS Tone Ring	1	024-203-00	–	–
21	Lock Washer	7	005-008-00	005-008-00	–
Caliper Repair Kit Contains:		1	K71-181-00	K71-181-00	K71-181-00
6	"O" Ring	4	010-062-00	010-062-00	010-062-00
7	Bleeder Screw	1	054-069-00	054-069-00	054-069-00
9	Caliper Seal	2	054-067-00	054-067-00	054-067-00
10	Dust Boot	2	054-068-00	054-068-00	054-068-00
Disc Brake Replacement Pad Kit Contains:		1	K71-180-00	K71-180-00	K71-180-00
4	Brake Pad	4	091-003-00	091-003-00	091-003-00
5	Anti-Rattle Spring	4	046-105-00	046-105-00	046-105-00
6	"O" Ring	20	010-062-00	010-062-00	010-062-00
8	Hex Locknut	4	006-125-00	006-228-00	006-125-00
11	Installation Tool	1	071-182-00	071-182-00	071-182-00



Recommend hose with banjo fiting.
7/16-20 threaded hole for fitting.
ABS not available on #13G or #13D.

Dexter "S" Cam Brake

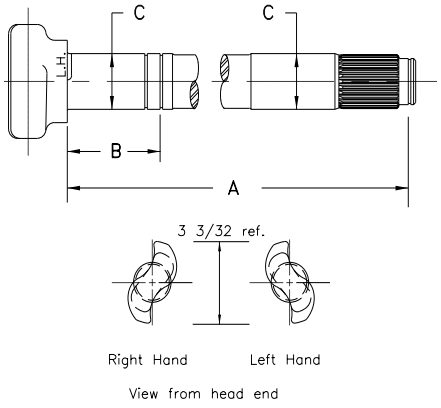


Size	Capacity
12¼" x 4"	10K
12¼" x 5"	12K, 15K

Small "S" Head Hi-Rise 28 Spline

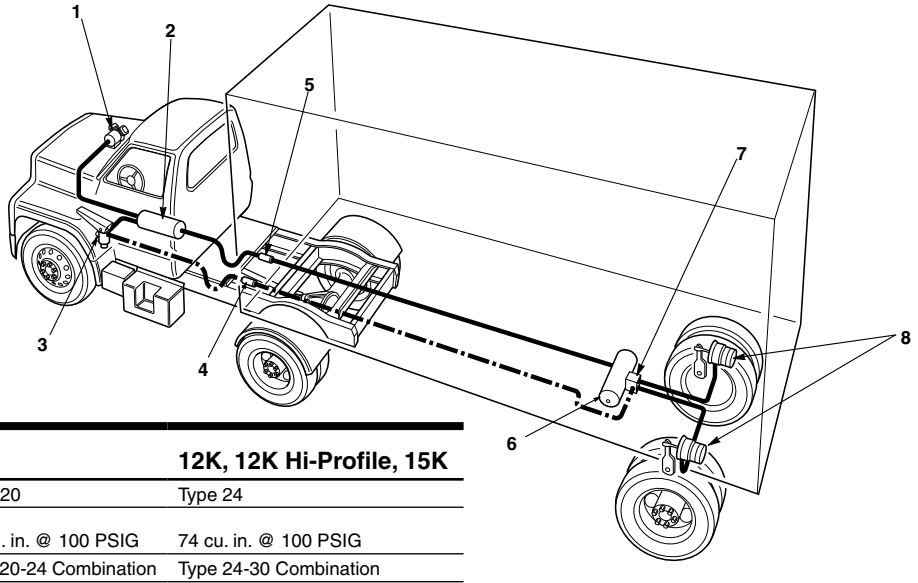
Part No.		A	B	C
LH	RH			
034-188-00	034-189-00	21.125	2.219	For 1.50 dia. shaft +
034-188-01	034-189-01	16.375	2.219	For 1.50 dia. shaft +
034-188-03	034-189-03	22.312	2.219	For 1.50 dia. shaft +
034-188-04	034-189-04	20.312	2.219	For 1.50 dia. shaft
034-188-05	034-189-05	23.375	2.219	For 1.50 dia. shaft
034-188-06	034-189-06	30.000	2.219	For 1.50 dia. shaft
034-188-07	034-189-07	29.000	2.219	For 1.50 dia. shaft
034-188-08	034-189-08	19.500	2.219	For 1.50 dia. shaft
034-188-09	034-189-09	26.500	2.219	For 1.50 dia. shaft
034-188-10	034-189-10	7.437	4.980	For 1.50 dia. shaft
034-188-11	034-189-11	24.625	2.219	For 1.50 dia. shaft

+ No extra charge for these lenghts.



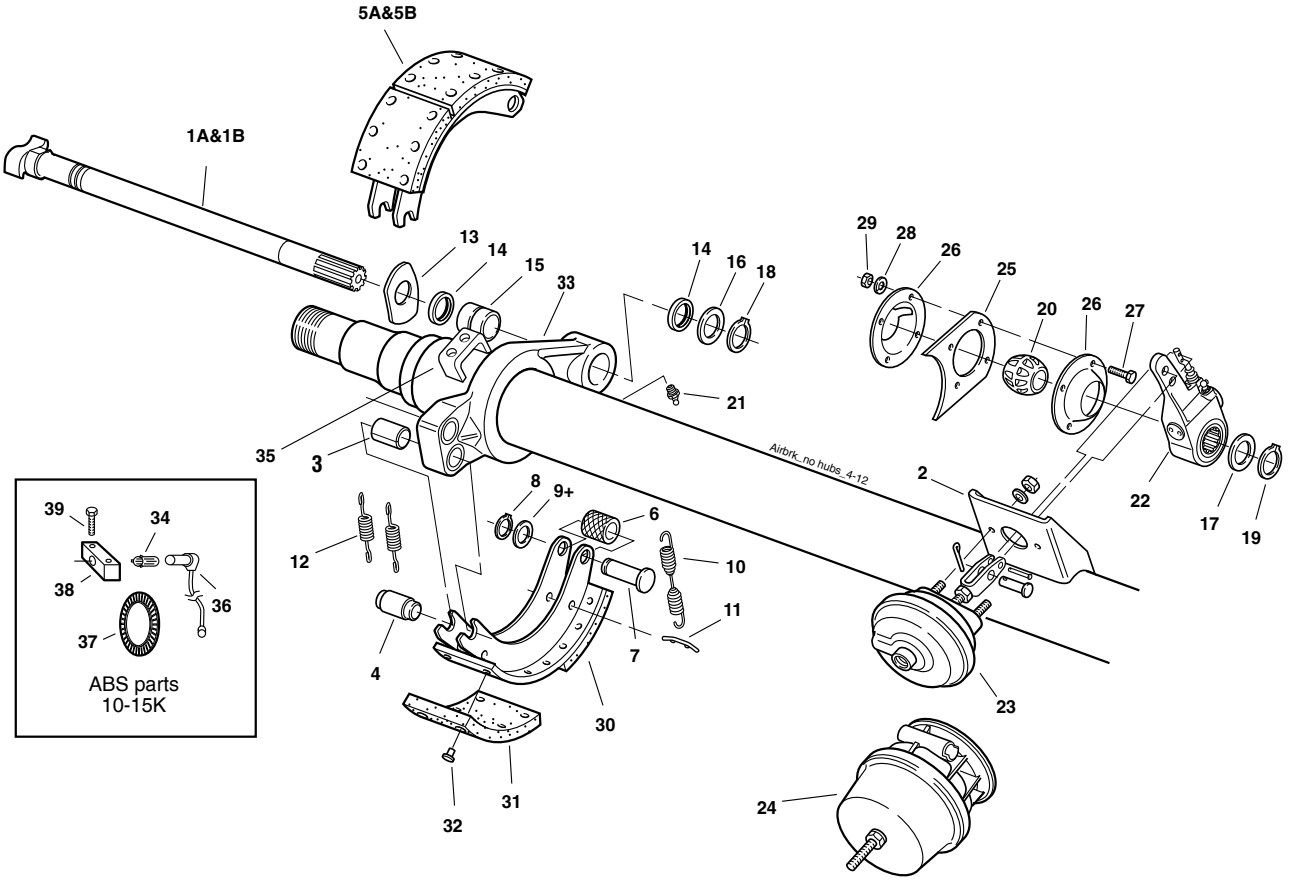
Typical Air Brake System Diagram

1 - Air Compressor
2 - Tow Vehicle Reservoir
3 - Actuation Valve
4 - Control Gladhand
5 - Supply Gladhand
6 - Trailer Reservoir
7 - Relay Valve
8 - Air Chambers
Control Plumbing
Supply Plumbing



	10K	12K, 12K Hi-Profile, 15K
Air chamber Size	Type 20	Type 24
Air Chamber Full Stroke Volume	64 cu. in. @ 100 PSIG	74 cu. in. @ 100 PSIG
Spring Brake Type	Type 20-24 Combination	Type 24-30 Combination
Spring Brake Volume (caged)	96 cu. in. @ 100 PSIG	120 cu. in. @ 100 PSIG

Air Brake Parts – "PQ" Style



Item	Description	Qty Per Brake	12¼" x 4" 10K Part No.	12¼" x 5" 12K, 15K Part No.
1A	Camshaft LH*	1	034-188-xx	034-188-xx
1B	Camshaft RH*	1	034-189-xx	034-189-xx
2	Air Chamber Bracket	1	034-048-00	034-048-00
5	Shoe & Lining Assembly	2	040-321-01	040-322-01
5A	Shoe & Roller Assembly RH	1	040-321-03	040-322-03
5B	Shoe & Roller Assembly LH	1	040-321-02	040-322-02
Camshaft Repair Kit Contains:		1	K71-101-00	K71-101-00
13	"D" Washer, Camshaft	1	005-074-00	005-074-00
14	Grease Seal	2	010-052-00	010-052-00
15	Camshaft Bushing	1	014-056-00	014-056-00
16	Washer-Camshaft Spider End	1	005-075-00	005-075-00
17	Camshaft Washer-28 Spline	1	005-134-00	005-134-00
18	Retainer-Camshaf	1	069-020-00	069-020-00
19	Retainer-Camshaft End	1	069-078-00	069-078-00
20	Camshaft Support Bushing	1	014-058-00	014-058-00
21	Grease Fitting	1	061-006-00	061-006-00
ns	Instruction Sheet	1	059-663-00	059-663-00
22	Automatic Slack Adjuster-28 Spline	1	055-040-99	055-040-99
22	Manual Slack Adjuster - 28 Spline	1	055-039-00	055-039-00
23	Air Chamber w/Hardware	1	034-260-00	034-059-00
24	Air Chamber w/Spring Brake	1	034-261-00	034-060-00
25	Plate - Camshaft Support Bracket	1	034-031-00	034-031-00
26	Plate, Bushing Retainer	2	034-032-00	034-032-00
27	Bolt, Retainer Plate	4	007-139-00	007-139-00
28	Lock Washer	4	005-079-00	005-079-00
29	Nut	4	006-099-00	006-099-00
33	Brake Spider	1	036-113-02	036-113-02

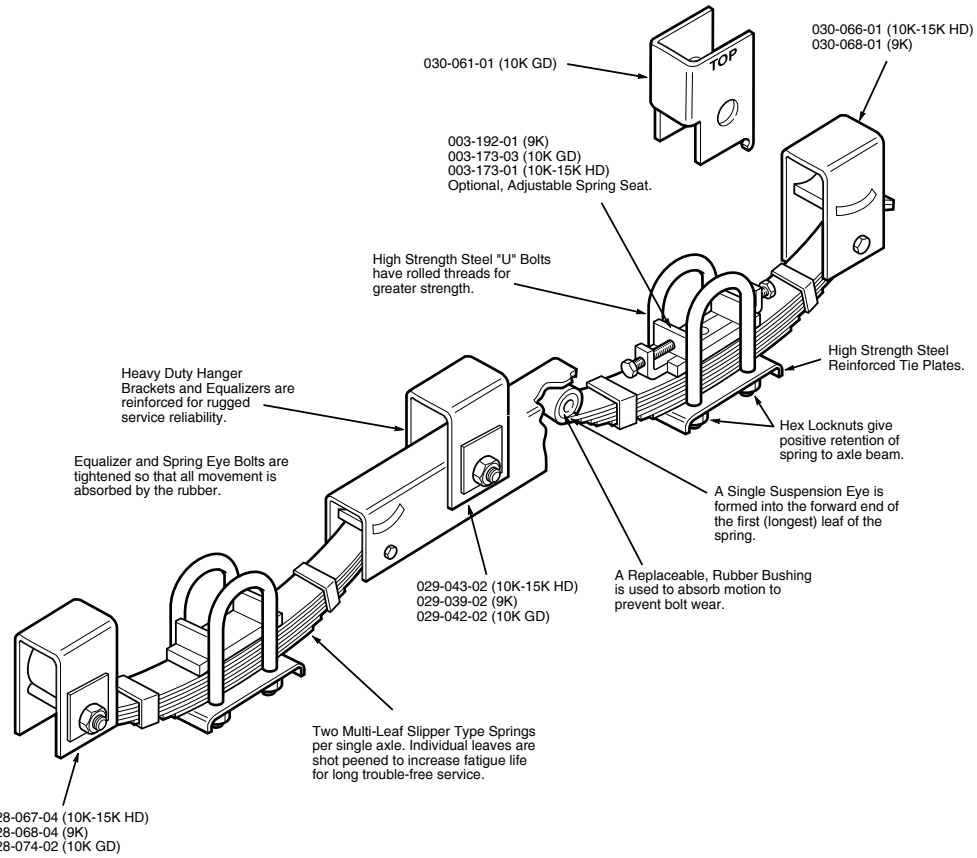
* For camshaft with part no. xx, see page 23.

Item	Description	Qty Per Brake	12¼" x 4" 10K Part No.	12¼" x 5" 12K, 15K Part No.
Brake Shoe Repair Kit Contains:		1	K71-460-00	K71-460-00
3	Bushing-Spider Anchor Pin	2	014-068-00	014-068-00
4	Anchor Pin	2	056-017-00	056-017-00
6	Roller	1	014-057-00	014-057-00
7	Roller Pin	2	056-010-00	056-010-00
8	Roller Pin Retainer	2	069-018-00	069-018-00
9	Roller Pin Spacer	2	005-076-00+	not used
10	Retractor Spring	1	046-092-00	046-092-00
11	Retainer Pin	2	056-018-00	056-018-00
12	Shoe Keeper Spring	2	046-097-00	046-097-00
ns	Instruction Sheet	1	059-553-00	059-553-00
Brake Block Kit Contains:		1	K71-102-00	K71-152-00
31	Brake Block Anchor	2	041-052-01	041-053-01
30	Brake Block Cam	2	041-052-02	041-053-02
32	Rivet	24	022-018-00	022-048-00
ABS Components:				
34	ABS Sensor Retaining Clip	1	097-002-00	097-002-00
35	ABS Lower Sensor Mounting Block	1	024-101-00	024-101-00
36	ABS Sensor 90°	1	097-003-00	097-003-00
37	ABS Tone Ring in Drum	1	024-203-00	024-203-00
38	ABS Upper Sensor Mounting Block	1	024-101-01	024-101-01
39	Mounting Screw Upper Block	2	007-237-00	007-237-00

ns - not shown

+ 005-076-00 is required for 10K shoes with ¼" shoe web thickness. Not required for 5⁄16" shoe web thickness. Used only on 12¼" x 4" shoes with ¼" webs.

Dexter Axle Suspension System



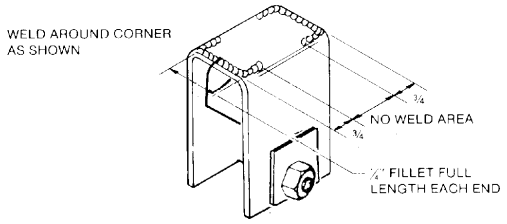
Cross Frame Hanger Reinforcement

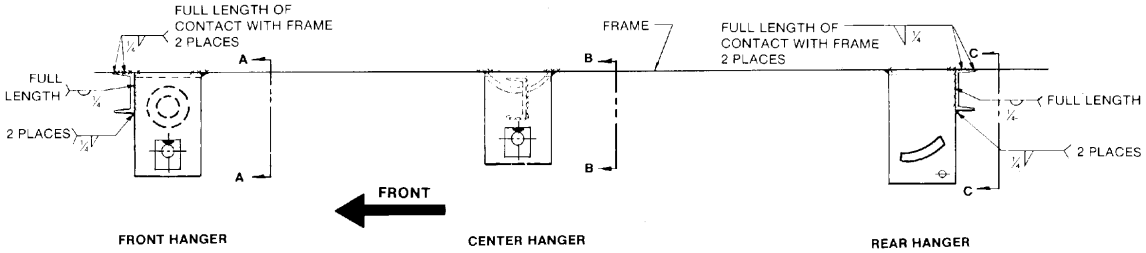
CROSS FRAME REINFORCEMENT BETWEEN SPRING AND EQUALIZER HANGER BRACKETS ASSURES FULL LOAD CARRYING CAPABILITY OF THE AXLE MOUNTED STRUCTURE.

STANDARD THREE INCH STRUCTURAL CHANNEL IS SUGGESTED FOR REINFORCEMENT MEMBERS.

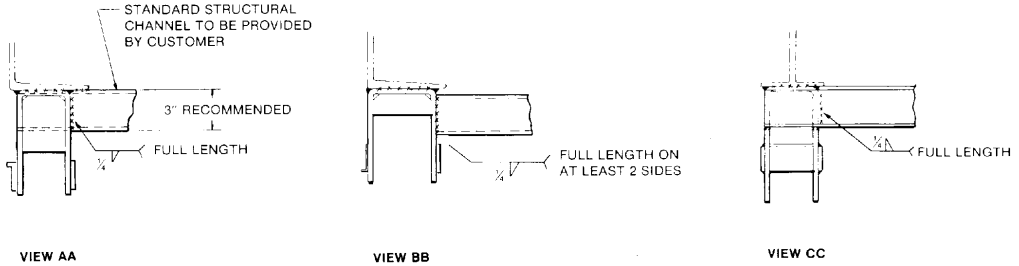
WELDS SHALL BE AS INDICATED.

RECOMMENDED HANGER WELDING PROCEDURE





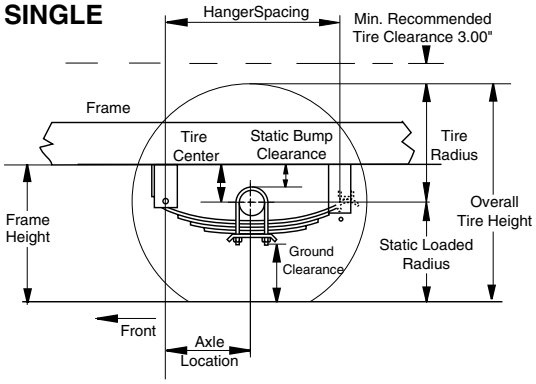
FRONT HANGER **CENTER HANGER** **REAR HANGER**



VIEW AA **VIEW BB** **VIEW CC**

Kits for 2" Wide Springs

SINGLE



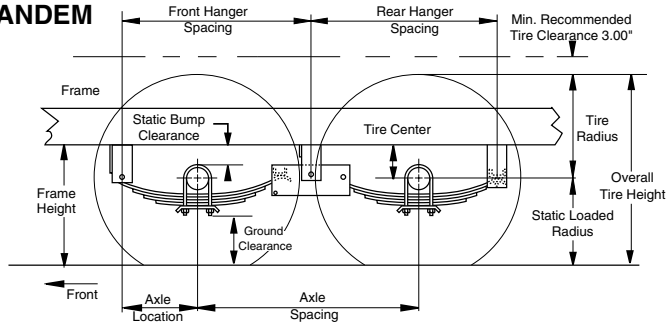
9K Single Axle HAP-105-00

Part No.	Qty	Description
028-068-04	2	Front Hanger
030-068-01	2	Rear Hanger
007-181-00	2	Spring Eye Bolt
007-007-00	2	Keeper Bolt
006-038-00	2	Locknut
006-011-00	2	Locknut
059-203-00	1	Instruction Sheet

9K Single Axle HAP-105-00

Front Hanger Spacing	26.9
Static Bump Clearance	2.6
Tire Center	5.2
Axle Location	13.7

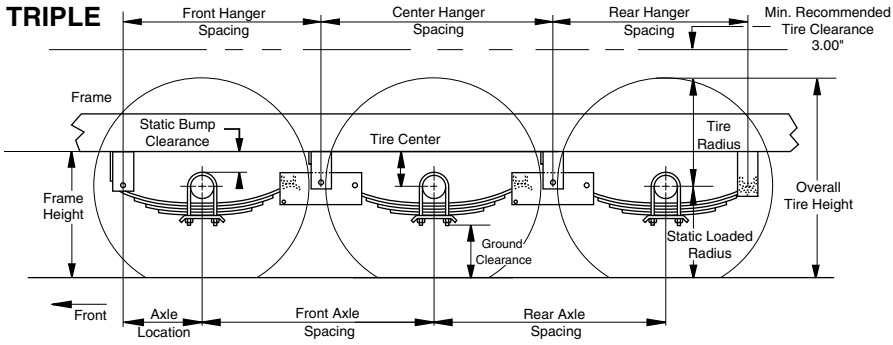
TANDEM



9K Tandem Axle

	HAP-205-01	HAP-205-02	HAP-205-03
Front Hanger Spacing	32.4	34.6	37.7
Rear Hanger Spacing	32.9	35.0	38.1
Static Bump Clearance	2.3	2.3	2.3
Tire Center	4.9	4.9	4.9
Axle Location	13.7	13.7	13.7
Front Axle Spacing	38.0	42.3	48.5

TRIPLE



9K 38" Triple Axle

	HAP-205-01	HAP-205-02	HAP-205-03
Front Hanger Spacing	32.4	34.6	37.7
Center Hanger Spacing	38.0	42.3	48.5
Rear Hanger Spacing	32.9	35.0	38.1
Static Bump Clearance	2.3	2.3	2.3
Tire Center	4.9	4.9	4.9
Axle Location	13.7	13.7	13.7
Front Axle Spacing	38.0	42.3	48.5
Rear Axle Spacing	38.0	42.3	48.5

9K Axle Assemblies

	38"	42.25"	48.50"
For single axle assemblies use (1) HAP-105-00			
Tandem	(1) HAP-105-00 (1) HAP-205-01	(1) HAP-105-00 (1) HAP-205-02	(1) HAP-105-00 (1) HAP-205-03
Triple	(1) HAP-105-00 (2) HAP-205-01	(1) HAP-105-00 (2) HAP-205-02	(1) HAP-105-00 (2) HAP-205-03

All dimensions are for underslung spring orientation only.

9K 38" Multi-Axle Conversion Kit HAP-205-01

Part No.	Qty	Description
029-039-04	2	Center Hanger
013-117-03	2	Equalizer
007-181-00	2	Spring Eye Bolt
007-007-00	2	Keeper Bolt
007-182-00	2	Equalizer Bolt
006-038-00	2	Locknut
006-011-00	2	Locknut
006-112-00	2	Locknut
059-203-00	1	Instruction Sheet

9K 42.25" Multi-Axle Conversion Kit HAP-205-02

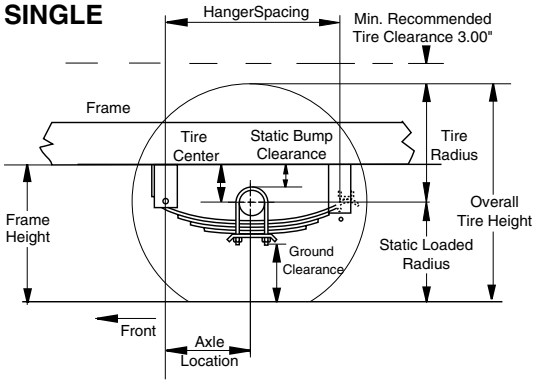
Part No.	Qty	Description
029-039-04	2	Center Hanger
013-118-03	2	Equalizer
007-181-00	2	Spring Eye Bolt
007-007-00	2	Keeper Bolt
007-182-00	2	Equalizer Bolt
006-038-00	2	Locknut
006-011-00	2	Locknut
006-112-00	2	Locknut
059-203-00	1	Instruction Sheet

9K 48.5" Multi-Axle Conversion Kit HAP-205-03

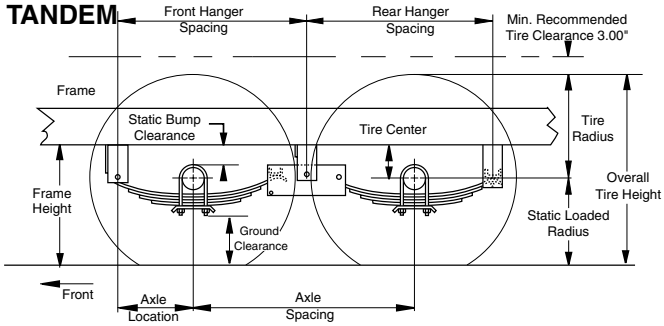
Part No.	Qty	Description
029-039-04	2	Center Hanger
013-119-03	2	Equalizer
007-181-00	2	Spring Eye Bolt
007-007-00	2	Keeper Bolt
007-182-00	2	Equalizer Bolt
006-038-00	2	Locknut
006-011-00	2	Locknut
006-112-00	2	Locknut
059-203-00	1	Instruction Sheet

Kits for 2½" Wide Springs ¾" Spring Eye Bolts

SINGLE



TANDEM



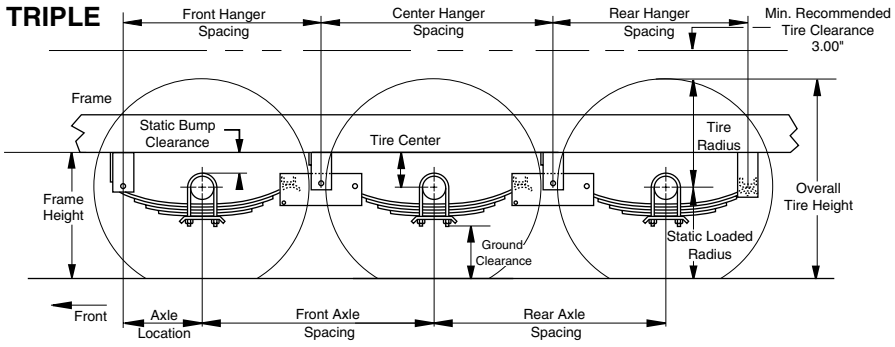
10K GD Single Axle HAP-158-00

Part No.	Qty	Description
028-074-02	2	Hanger
030-061-01	2	Rear Hanger
007-264-00	2	Spring Eye Bolt
006-113-00	2	Locknut
059-203-00	1	Instruction Sheet

10K GD Single Axle HAP-158-00

Front Hanger Spacing	27.4
Static Bump Clearance	1.9
Tire Center	5.0
Axle Location	14.0

TRIPLE



10K GD Tandem Axle

	HAP-258-01	HAP-258-02	HAP-258-03
Front Hanger Spacing	33.0	35.1	38.3
Rear Hanger Spacing	32.4	34.6	37.7
Static Bump Clearance	1.7	1.7	1.7
Tire Center	4.8	4.8	4.8
Axle Location	14.0	14.0	14.0
Front Axle Spacing	38.0	42.3	48.5

10K GD Triple Axle

	HAP-258-01	HAP-258-02	HAP-258-03
Front Hanger Spacing	33.0	35.1	38.3
Center Hanger Spacing	38.0	42.3	48.5
Rear Hanger Spacing	32.4	34.6	37.7
Static Bump Clearance	1.7	1.7	1.7
Tire Center	4.8	4.8	4.8
Axle Location	14.0	14.0	14.0
Front Axle Spacing	38.0	42.3	48.5
Rear Axle Spacing	38.0	42.3	48.5

10K GD Axle Assemblies

	38"	42.25"	48.50"
For single axle assemblies use (1) HAP-158-00			
Tandem	(1) HAP-158-00	(1) HAP-158-00	(1) HAP-158-00
	(1) HAP-258-01	(1) HAP-258-02	(1) HAP-258-03
Triple	(1) HAP-158-00	(1) HAP-158-00	(1) HAP-158-00
	(2) HAP-258-01	(2) HAP-258-02	(2) HAP-258-03

All dimensions are for underslung spring orientation only.

10K GD 38" Multi-Axle Conversion Kit HAP-258-01

Part No.	Qty	Description
006-112-00	2	Locknut
006-113-00	2	Locknut
007-264-00	2	Spring Eye Bolt
007-169-00	2	Equalizer Bolt
013-139-03	2	Equalizer
029-042-02	2	Center Hanger
059-203-00	1	Instruction Sheet

10K GD 42.25" Multi-Axle Conversion Kit HAP-258-02

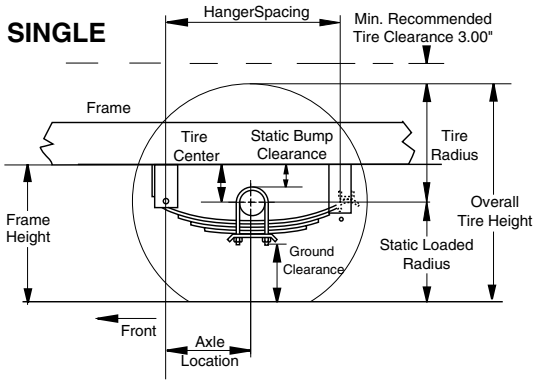
Part No.	Qty	Description
006-112-00	2	Locknut
006-113-00	2	Locknut
007-264-00	2	Spring Eye Bolt
007-169-00	2	Equalizer Bolt
013-140-03	2	Equalizer
029-042-02	2	Center Hanger
059-203-00	1	Instruction Sheet

10K GD 48.5" Multi-Axle Conversion Kit HAP-258-03

Part No.	Qty	Description
006-112-00	2	Locknut
006-113-00	2	Locknut
007-264-00	2	Spring Eye Bolt
007-169-00	2	Equalizer Bolt
013-141-03	2	Equalizer
029-042-02	2	Center Hanger
059-203-00	1	Instruction Sheet

Kits for 3" Wide Springs

SINGLE



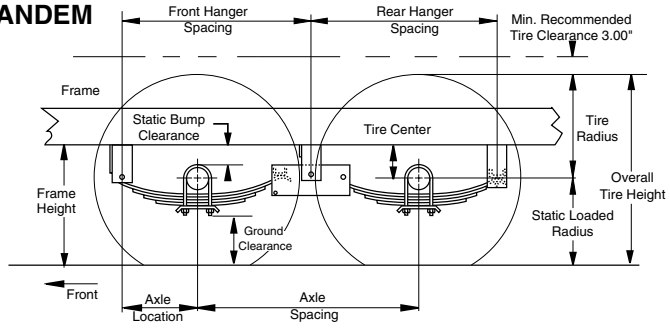
10-15K Single Axle HAP-103-00

Part No.	Qty	Description
028-067-04	2	Front Hanger
030-066-01	2	Rear Hanger
007-169-00	2	Spring Eye Bolt
007-095-00	2	Keeper Bolt
006-046-00	2	Locknut
006-112-00	2	Locknut
059-203-00	1	Instruction Sheet

10-15K Single Axle HAP-103-00

Front Hanger Spacing	27.4
Static Bump Clearance	2.9
Tire Center	6.0
Axle Location	14.0

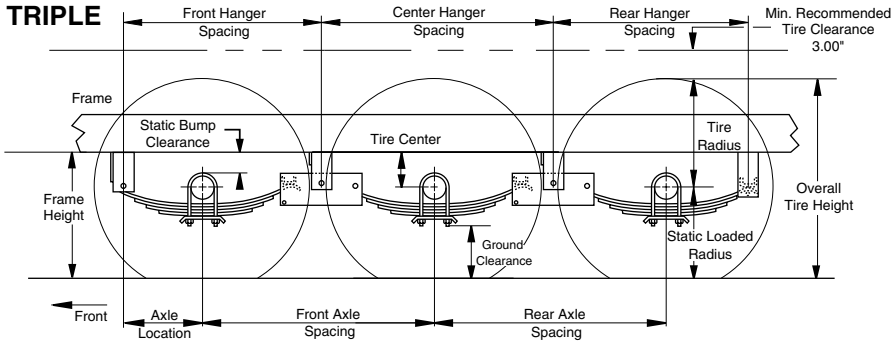
TANDEM



10-15K Tandem Axle

	HAP-203-01	HAP-203-02	HAP-203-03
Front Hanger Spacing	33.0	35.1	38.3
Rear Hanger Spacing	32.4	34.6	37.7
Static Bump Clearance	2.2	2.2	2.2
Tire Center	5.3	5.3	5.3
Axle Location	14.0	14.0	14.0
Front Axle Spacing	38.0	42.3	48.5

TRIPLE



10-15K Triple Axle

	HAP-203-01	HAP-203-02	HAP-203-03
Front Hanger Spacing	33.0	35.1	38.3
Center Hanger Spacing	38.0	42.3	48.5
Rear Hanger Spacing	32.4	34.6	37.7
Static Bump Clearance	2.0	2.0	2.0
Tire Center	5.1	5.1	5.1
Axle Location	14.0	14.0	14.0
Front Axle Spacing	38.0	42.3	48.5
Rear Axle Spacing	38.0	42.3	48.5

10-15K Axle Assemblies

	38"	42.25"	48.50"
For single axle assemblies use (1) HAP-103-00			
Tandem	(1) HAP-103-00 (1) HAP-203-01	(1) HAP-103-00 (1) HAP-203-02	(1) HAP-103-00 (1) HAP-203-03
Triple	(1) HAP-103-00 (2) HAP-203-01	(1) HAP-103-00 (2) HAP-203-02	(1) HAP-103-00 (2) HAP-203-03

All dimensions are for underslung spring orientation only.

10-15K 38" Multi-Axle Conversion Kit HAP-203-01

Part No.	Qty	Description
029-043-02	2	Center Hanger
013-107-07	2	Equalizer
007-169-00	2	Spring Eye Bolt
007-095-00	2	Keeper Bolt
007-170-00	2	Equalizer Bolt
006-046-00	2	Locknut
006-072-00	2	Locknut
006-112-00	2	Locknut
059-203-00	1	Instruction Sheet

10-15K 42.25" Multi-Axle Conversion Kit HAP-203-02

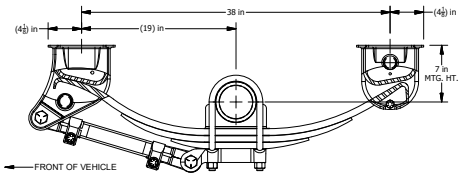
Part No.	Qty	Description
029-043-02	2	Center Hanger
013-108-03	2	Equalizer
007-169-00	2	Spring Eye Bolt
007-095-00	2	Keeper Bolt
007-170-00	2	Equalizer Bolt
006-046-00	2	Locknut
006-072-00	2	Locknut
006-112-00	2	Locknut
059-203-00	1	Instruction Sheet

10-15K 48.5" Multi-Axle Conversion Kit HAP-203-03

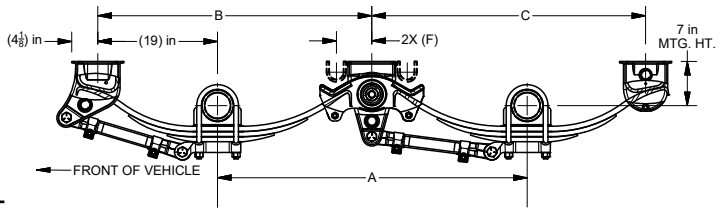
Part No.	Qty	Description
029-043-02	2	Center Hanger
013-109-03	2	Equalizer
007-169-00	2	Spring Eye Bolt
007-095-00	2	Keeper Bolt
007-170-00	2	Equalizer Bolt
006-046-00	2	Locknut
006-072-00	2	Locknut
006-112-00	2	Locknut
059-203-00	1	Instruction Sheet

HDSS Underslung

SINGLE



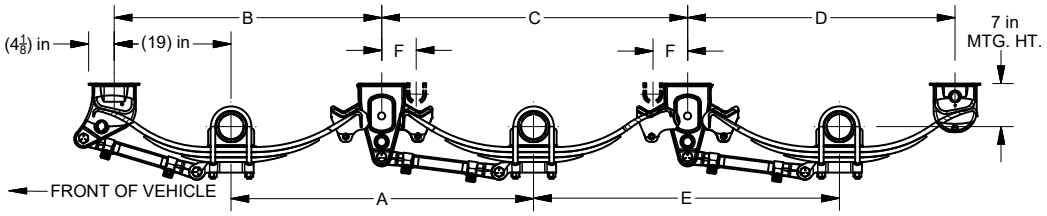
TANDEM



Front

Axle Spacing	A	B	C	F
49 in	49 3/16 in	43 1/2 in	43 1/2 in	N/A
54 in	54 7/32 in	46 1/32 in	46 7/32 in	8 3/8 in
60 in	60 7/32 in	49 1/32 in	49 7/32 in	11 15/32 in

TRIPLE



Axle Spacing	A	B	C	D	E	F
49 in	49 3/16 in	43 1/2 in	49 3/4 in	43 1/2 in	49 3/4 in	N/A
54 in	54 7/32 in	46 1/32 in	54 3/4 in	46 7/32 in	54 3/4 in	8 3/8 in
60 in	60 7/32 in	49 1/32 in	60 3/4 in	49 7/32in	60 3/4 in	11 15/32 in

10-25K Single Axle Kit Contents

Part No.	Qty	Description
028-082-05	2	Front Hanger
030-075-05	2	Rear Hanger
062-010-10	1	Track Rod Bushed Adj 19.25
062-011-10	1	Track Rod Bushed Fixed 19.25
007-169-00	4	Track Rod Bolt 1-8 x 5.50 UNC
006-278-00	4	Track Rod Locknut 1-8 UNC
033-091-00	2	Keeper Bolt Sleeve
007-294-00	2	Spring Keeper Bolt 5/8-18 x 4.50 UNF
006-126-00	2	Keeper Bolt Locknut 5/8-18 UNF
059-918-00	1	Instruction Sheet

10-25K Multi Axle Kit Contents

Part No.	Qty	Description	Axle Spacing
029-044-10	2	Center Hanger and EQ Assembly HAP-261-01	49"
062-010-10	1	Track Rod Bushed Adj 19.25	49"
062-011-10	1	Track Rod Bushed Fixed 19.25	49"
029-049-10	2	Center Hanger and EQ Assembly HAP-162-01	54"
062-010-54	1	Track Rod Bushed Adj 21.75	54"
062-011-54	1	Track Rod Bushed Fixed 21.75	54"
029-049-20	2	Center Hanger and EQ Assembly HAP-163-01	60"
062-010-60	1	Track Rod Bushed Adj. 24.75	60"
062-011-60	1	Track Rod Bushed Fixed 24.75	60"
007-169-00	4	Track Rod Bolt 1-8 x 5.50 UNC	-
006-278-00	4	Track Rod Locknut 1-8 UNC	-
033-091-00	4	Keeper Bolt Sleeve	-
007-294-00	4	Spring Keeper Bolt 5/8-18 x 4.50 UNF	-
006-126-00	4	Keeper Bolt Locknut 5/8-18 UNF	-
059-918-00	1	Instruction Sheet	-

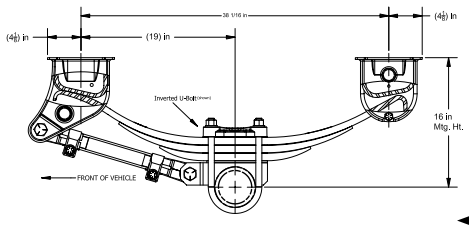
Suspension Kits

Order appropriate number of HAP kits for a complete suspension

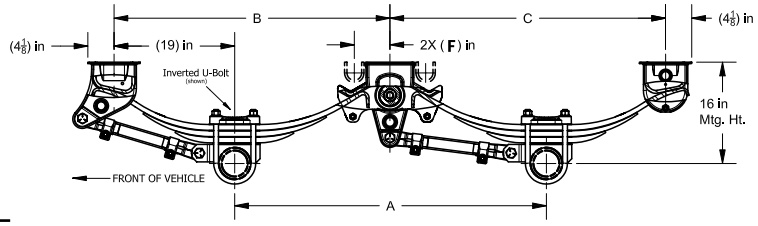
	HDSS Underslung	
49"	**HAP-161-01**	**HAP-261-01**
Qty for Single	1	n/a
Qty for Tandem	1	1
Qty for Triple	1	2
54"	**HAP-161-01**	**HAP-162-01**
Qty for Single	1	n/a
Qty for Tandem	1	1
Qty for Triple	1	2
60"	**HAP-161-01**	**HAP-163-01**
Qty for Single	1	n/a
Qty for Tandem	1	1
Qty for Triple	1	2
OPTIONAL KITS - Per Axle		
HAP-166-00 Bump Stops (One Pair)		

HDSS Overslung

SINGLE



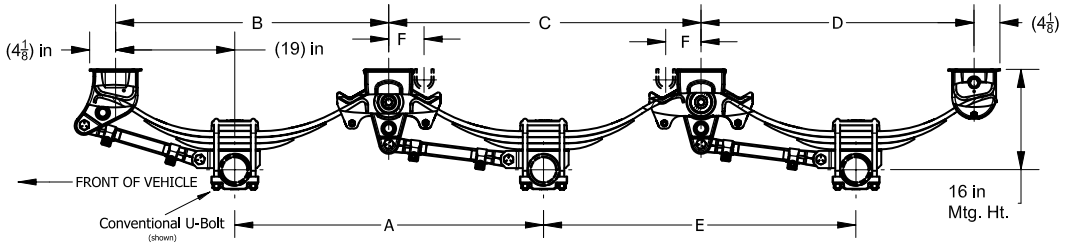
TANDEM



Front

Axle Spacing	A	B	C	F
49 in	49 in	43 ½ in	43 ½ in	5 5/8 in
54 in	54 3/16 in	46 1/16 in	46 in	8 3/8 in
60 in	60 3/16 in	49 1/16 in	49 in	11 7/16 in

TRIPLE



Axle Spacing	A	B	C	D	E	F
49 in	49 3/16 in	43 ½ in	49 3/4 in	43 ½ in	49 3/4 in	5 5/8 in
54 in	54 3/16 in	46 1/16 in	54 3/4 in	46 in	54 3/4 in	8 3/8 in
60 in	60 3/16 in	49 1/16 in	60 3/4 in	49 in	60 3/4 in	11 7/16 in

10-25K Single Axle Kit Contents

Part No.	Qty	Description
028-082-05	2	Front Hanger
030-075-05	2	Rear Hanger
062-010-10	1	Track Rod Bushed Adj 19.25
062-011-10	1	Track Rod Bushed Fixed 19.25
007-169-00	4	Track Rod Bolt 1-8 x 5.50 UNC
006-278-00	4	Track Rod Locknut 1-8 UNC
033-091-00	2	Keeper Bolt Sleeve
007-294-00	2	Spring Keeper Bolt 5/8-18 x 4.50 UNF
006-126-00	2	Keeper Bolt Locknut 5/8-18 UNF
059-918-00	1	Instruction Sheet

10-25K Multi Axle Kit Contents

Part No.	Qty	Description	Axle Spacing
029-044-10	2	Center Hanger and EQ Assembly HAP-261-01	49"
062-010-10	1	Track Rod Bushed Adj 19.25	49"
062-011-10	1	Track Rod Bushed Fixed 19.25	49"
029-049-10	2	Center Hanger and EQ Assembly HAP-162-01	54"
062-010-54	1	Track Rod Bushed Adj 21.75	54"
062-011-54	1	Track Rod Bushed Fixed 21.75	54"
029-049-20	2	Center Hanger and EQ Assembly HAP-163-01	60"
062-010-60	1	Track Rod Bushed Adj. 24.75	60"
062-011-60	1	Track Rod Bushed Fixed 24.75	60"
007-169-00	4	Track Rod Bolt 1-8 x 5.50 UNC	-
006-278-00	4	Track Rod Locknut 1-8 UNC	-
033-091-00	4	Keeper Bolt Sleeve	-
007-294-00	4	Spring Keeper Bolt 5/8-18 x 4.50 UNF	-
006-126-00	4	Keeper Bolt Locknut 5/8-18 UNF	-
059-918-00	1	Instruction Sheet	-

Suspension Kits

Order appropriate number of HAP kits for a complete suspension

	HDSS Overslung	
49"	**HAP-161-01**	**HAP-261-01**
Qty for Single	1	n/a
Qty for Tandem	1	1
Qty for Triple	1	2
54"	**HAP-161-01**	**HAP-162-01**
Qty for Single	1	n/a
Qty for Tandem	1	1
Qty for Triple	1	2
60"	**HAP-161-01**	**HAP-163-01**
Qty for Single	1	n/a
Qty for Tandem	1	1
Qty for Triple	1	2

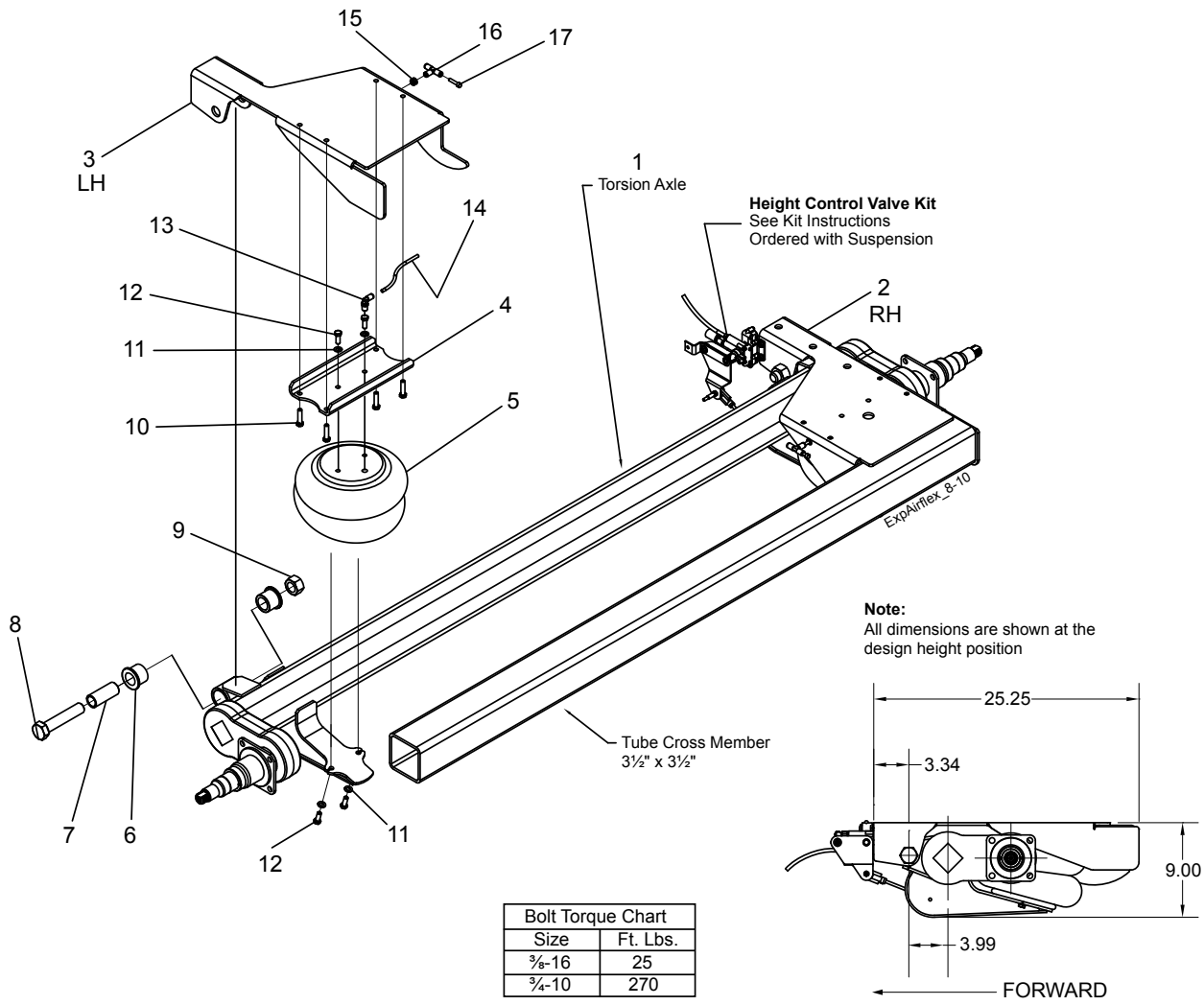
OPTIONAL KITS - Per Axle

HAP-164-01 Attaching Parts Kit - Inverted U-Bolts
(Spring Seats, Tie Plates, and Attaching Hardware)

HAP-165-01 Attaching Parts Kit - Conventional U-Bolts
(Spring Seats, Tie Plates, and Attaching Hardware)

HAP-166-00 Bump Stops (One Pair)

AIRFLEX® for 10,000 Lb. Axles



Bolt Torque Chart	
Size	Ft. Lbs.
⅜-16	25
¾-10	270

AIRFLEX® Suspension Components 10,000#

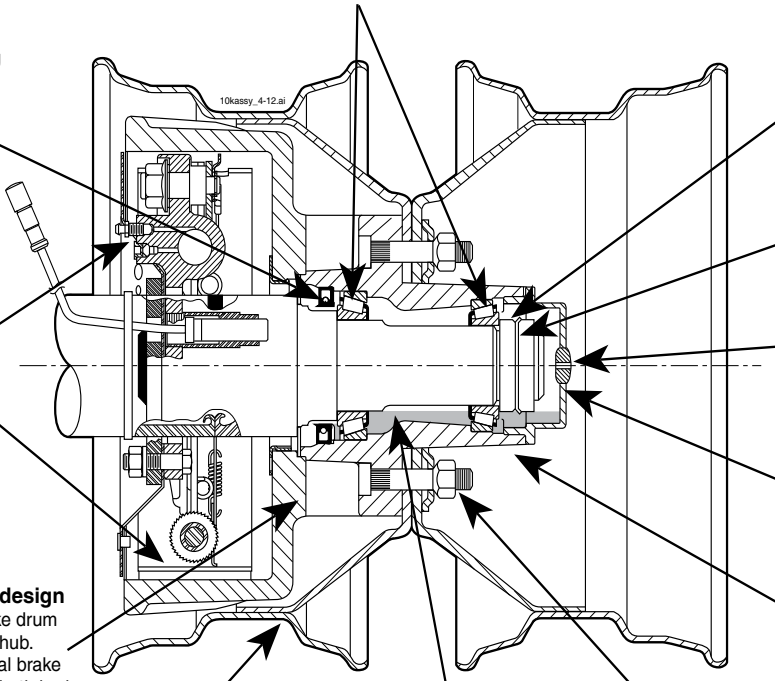
Item	Part No.	Qty/Axle	Description
1	n/a	1	Torsion Axle with Suspension Brackets
2	003-327-00	1	RH Frame Bracket
3	003-326-00	1	LH Frame Bracket
4	003-323-00	2	Channel, Air Spring Support
5	W01-358-6947	2	Firestone Air Spring
6	K71-734-00	2	Pivot Bushing Replacement Kit
7	n/a	2	¾-10 UNC x 4.5" LG HHCS
8	n/a	2	¾-10 UNC Stover Lock Nut
9	n/a	8	⅜-16 UNC x 1.5" LG HHCS
10	n/a	8	⅜ Regular Split Lock Washer
11	n/a	8	⅜-16 UNC x 1" LG HHCS
12	n/a	2	¼ NPTM x ¼ T 90° Elbow, Swivel
13	n/a	2	¼ x 6.25" LG Nylon Tube
14	n/a	2	Grommet
15	n/a	2	¼ T Union Tee
16	n/a	2	¼ T Plug

n/a - not available

10,000 Lb. Heavy Duty Wheel & Hub Assembly

Tapered roller bearings
Computer matched to Dexter Axle system
Outer: 031-019-01 (382A) cup, 031-019-02 (387A) cone
Inner: 031-022-01 (394A) cup, 031-022-02 (395S) cone

Unitized Seal
Seals internally within the seal, with two sealing lips and press fitted to the spindle for improved performance.



Hardened spindle washer.

Bearing adjustment nuts with tang locking washer keyed to spindle to maintain precision bearing adjustment.

12¼" x 4" high performance hydraulic brake. Electric and air brake, parking feature and uni-servo hydraulic brakes are also available.

Removable rubber oil filler plug for ease of maintenance.

Transparent polycarbonate oil cap with oil level indicator mark to allow visual checking for adequate lubricant.

Cast hub with precision machined bearing and wheel mounting surfaces.

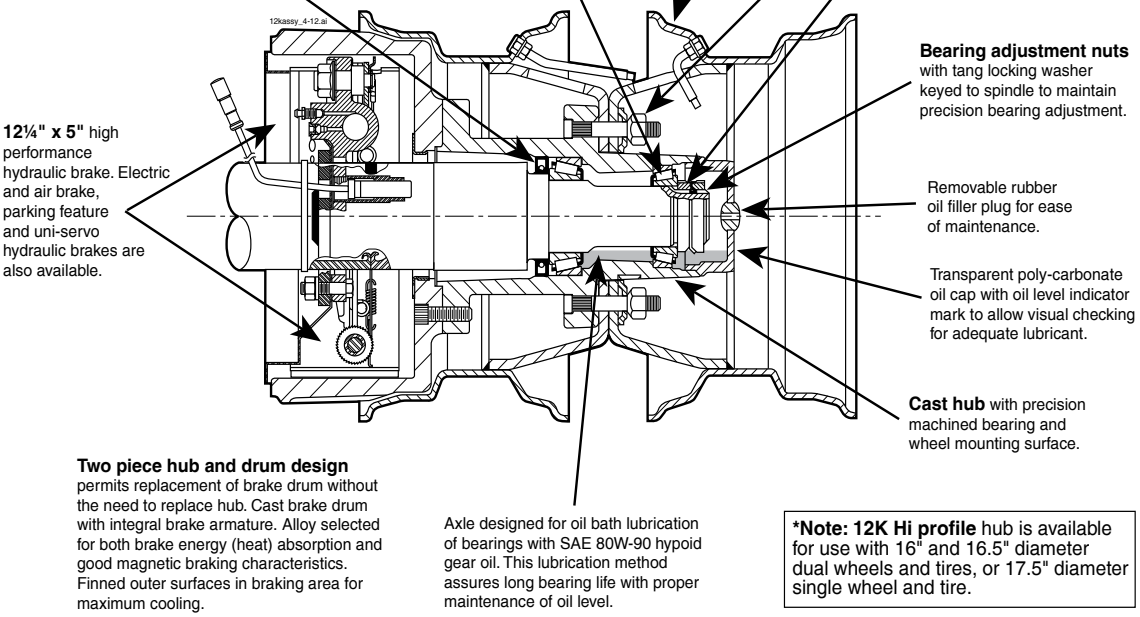
Two piece hub & drum design permits replacement of brake drum without the need to replace hub. Cast brake drum with integral brake armature. Alloy selected for both brake energy (heat) absorption and good magnetic braking characteristics. Finned outer surfaces in braking area for maximum cooling.

Dual and single wheel design

Axle designed for oil bath lubrication of bearings with SAE 80W-90 hypoid gear oil. This lubrication method assures long bearing life with proper maintenance of oil level.

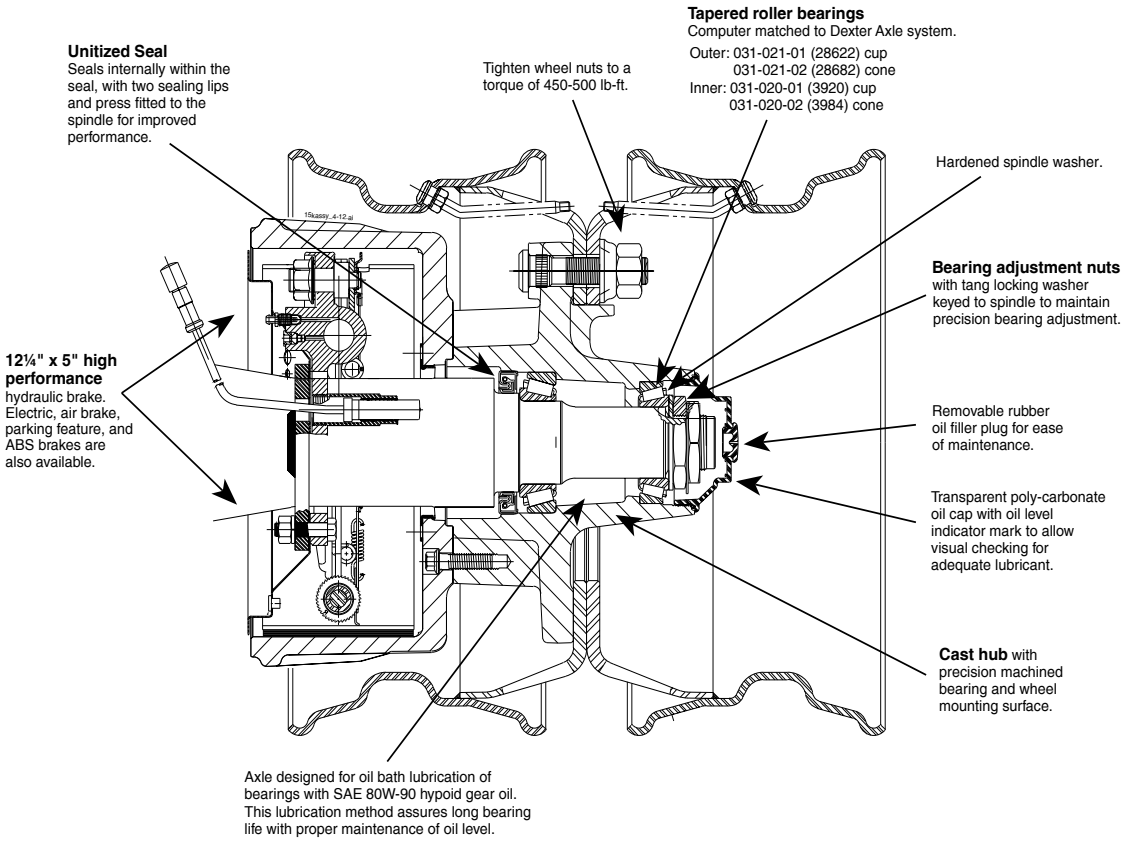
When using clamp ring and 90° cone nuts, tighten wheel nuts to a torque of 200 lb-ft.

12,000 Lb. Wheel & Hub Assembly



***Note: 12K Hi profile** hub is available for use with 16" and 16.5" diameter dual wheels and tires, or 17.5" diameter single wheel and tire.

15,000 Lb. Wheel & Hub Assembly



Wheels and Tires

- Dexter 9K-12K hubs are designed to accept hub-piloted single or dual wheels that have an 8 on 6.50" bolt circle and a 4.75" bore.
- Single wheels should have a wheel offset between ½" outset and 3⁄16" inset for maximum bearing life.
- The Dexter 15K hub is designed to accept hub-piloted dual wheels that have an 8 on 275mm bolt circle and a 221mm bore.

Wheel Dia.	Rim Width Contour	Tire Size Description	SLR	Tire Radius	Width	Capacity Single/Dual	PSI Single/Dual
16.5	6.75	8.00R16.5LT, F	13.20	14.25	9.10	2590/2280	95
16.5	6.75	8.75R16.5LT, E	13.80	14.80	10.00	2680/2360	80
16.5	6.75	8.75R16.5LT, F	13.80	14.80	10.00	2980/2620	95
16.5	6.75	9.5R16.5LT, E	14.30	15.40	10.70	3170/2790	80
16	6.00K	LT235/85R16, D	14.30	15.40	10.30	2623/2381	65
16	6.00K	LT235/85R16, E	14.30	15.40	10.30	3042/2778	80
16	6.00K	LT235/85R16, G	14.30	15.40	10.20	3750/3415	110
17.5	6.75HC	11R17.5HC, G	16.90	18.15	11.80	5050/4430	105/95
17.5	8.25HC	245/70R17.5HC, H	14.20	15.50	9.70	6005/5675	125
17.5	6.75HC	215/75R17.5HC, H	14.00	15.30	9.30	4805/4540	125
22.5	7.5	10R22.5, G	18.80	20.20	11.00	5680/5250	115
14.5	7.00MH	9-14.5LT, F	13.30	14.68	10.10	3230/2840	100
14.5	7.00MH	9-14.5LT, E	13.30	14.68	10.10	2940/2590	85

Axle Overhang Per Side

For Dual Wheel Applications

Axle Model	Min.	Max.
D90	13.00	15.50
D100GD	13.00	15.50
D100HD	13.00	15.50
D120 Lo Profile	16.75	20.50
D120 Hi Profile	13.25	20.20
D150	14.50	16.50

For Single Wheel Applications

Axle Model	Min.	Max.
D90	9.66	15.50
D100GD	11.75	15.50
D100HD	12.69	15.19
D120 Lo Profile	16.37	20.12
D120 Hi Profile	12.94	20.19
D150	14.06	16.06

To determine frame height, ground clearance, recommended fender height, and center of tire in reference to the frame based on your axle specifications, contact your local Dexter sales representative or Dexter distributor to run ProSpec™.

Recommended Oil Lubrication Specification

Use:	Axle hubs with tapered roller bearing
Service Designation:	API-GL-5
Viscosity:	SAE 80W-90
Pour Point:	-18°C (0°F) Maximum
Additives:	Corrosion and oxidation inhibitors, foam inhibitors, EP additives
Compatability:	Must be compatable with nitrile and neoprene seals and polycarbonate plastic oil caps
Approved Sources:	

Company	Product Description
Ashland Oil	Valvoline Dura Blend Valvoline Power Lube
CITGO Petroleum Company	CITGO Premium Gear Oil MP Mystik JT-7 Mystik Power Lube
Exxon Company U.S.A.	Gear Oil GX 80W-90
Kendall Refining Company	Kendall NS-MP Hypoid Gear Lube
Lubriplate Division / Fiske Brothers Refining	Lubriplate APG 90
Mobil Oil Corporation	Mobilube SHC Mobil 1 Synthetic Gear Lube
Phillips 66 Petroleum	Superior Multi-Purpose Gear Oil Philguard Gear Oil Philsyn Gear Oil
Pennzoil Products Company	Gear Plus 80W-90 GL-5 Gear Plus Super 75W-90 Gear Plus Super EW 80W-90 Multi-Purpose 4092 Gear Lube
Oil Center Research	Liquid-O-Ring 750 GX
Sun Refining and Marketing Company	Sonoco Ultra Sonoco Dura Gear
Shell Oil Company	Spirax A Spirax G Spirax HD Spirax S
Texaco Oil Company	Multigear EP Multigear SS
Troco Division / Royal Manufacturing	Multigear Select Gear Oil
Union Oil Company	Unocal MP Gear Lube 76 Triton Syn Lube EP

Bearing Adjustment

9K & 10K General Duty, 10K-15K Heavy Duty Axles:

Correct adjustment for all bearings is .001 to .010 end play.

1. Rotate hub assembly slowly while tightening the inner lock nut to 100 lb-ft. to seat the bearings.
2. Loosen the inner lock nut to remove pre-load torque. **Do not rotate the hub.**
3. Finger tighten the inner lock nut and snug.
4. Back inner lock nut out ¼ to ⅜ turn.
5. Install tang washer and outer lock nut. Bend two tangs over inner lock nut. Torque outer lock nut to 100-150 Ft. Lbs., insuring that the inner lock nut does not turn. Bend 2 tangs over flats on outer lock nut to secure.

Dexter Axle Limited Warranty

WHAT PRODUCTS ARE COVERED
All Dexter Axle Company ("Dexter") trailer axles, suspensions, and brake control systems manufactured on or after September 1, 2016, excluding Dexter 6000 series Manufactured Housing Axles. Additional exclusions include the following brands: UFP by Dexter, AL-KO (IAC), Titan Brakes and Actuators by Dexter, and BrakeRite by Dexter products, which are covered under separate warranties.

LIMITED 1 YEAR WARRANTY
As specified in Dexter's current publication "Operation Maintenance Service Manual", grease and oil seals FOR ALL PRODUCTS have a one (1) year limited warranty to the original purchaser from the date of first sale of the trailer incorporating such components. **Except as to grease and oil seals, the following four other warranties are available.**

LIMITED 2 YEAR WARRANTY
Dexter warrants to the original purchaser that its electric/hydraulic brake actuators shall be free from defects in material and workmanship for a period of two (2) years from the date of first sale of the trailer incorporating such components.

LIMITED 5 YEAR WARRANTY
Dexter warrants to the original purchaser that its axles, suspension systems and Genuine Replacement Parts shall be free from defects in material and workmanship for a period of five (5) years. The warranty period shall begin from the date of the original purchase of the trailer and/or Genuine Replacement Parts.

LIMITED 7 YEAR WARRANTY
Dexter warrants to the original purchaser that its Predator Series® electric brake controllers shall be free from defects in material and workmanship for a period of seven (7) years from the date of purchase.

LIMITED 10 YEAR WARRANTY
Dexter warrants to the original purchaser that the suspension components of its Torflex® axles shall be free from defects in material and workmanship for a period of ten (10) years from the date of first sale of the trailer incorporating such suspension components.

EXCLUSIVE REMEDY
Dexter will, at its option, repair or replace the affected components of any defective axle, repair or replace the entire defective axle, or refund the lesser of the original purchase price and the then-current list price of the axle or components. In all cases, a reasonable time period must be allowed for warranty repairs to be completed. Allowance will only be made for installation costs specifically approved by Dexter.

WHAT YOU MUST DO
In order to make a claim under these warranties:

1. You must be the original purchaser of the trailer in which the sprung suspension axles or Torflex® axles or components were originally installed.
2. You must promptly notify Dexter after detection of any defect, but in any case within the applicable warranty period of such defect, and provide us with the axle or applicable component serial number and any substantiation of such defect which may include, but is not limited to, the return of part(s) that we may reasonable request.
3. The axles, suspensions and components must have been installed and maintained in accordance with good industry practice and any specific Dexter recommendations, including those specified in Dexter's current publication "Operation Maintenance Service Manual".

EXCLUSIONS
These warranties do not extend to and do not cover defects caused by:

1. The connecting of brake wiring to the trailer wiring or trailer wiring to the towing vehicle wiring.
2. The attachment of the running gear to the frame.
3. Parts not supplied by Dexter.
4. Any damage whatsoever caused by or related to any alteration of the axle including welding supplemental brackets to the axle.
5. Use of an axle on a unit other than the unit to which it was originally mounted.
6. Normal wear and tear.
7. Improper alignment.
8. Improper installation.
9. Unreasonable use (including failure to provide reasonable and necessary maintenance as specified in Dexter's current publication "Operation Maintenance Service Manual including required maintenance after "Prolonged Storage").
10. Improper torque values and torqueing of wheel nuts. (The proper torqueing procedure and torque values are contained in Dexter's current publication "Operation Maintenance Service Manual").
11. Cosmetic finish or corrosion.

LIMITATIONS
1. **In all cases, Dexter reserves the right to fully satisfy its obligations under the Limited Warranties by refunding the lesser of the original purchase price and the then-current list price of the defective axle (or, if the axle has been discontinued, of the most nearly comparable current product).**
2. Dexter reserves the right to furnish a substitute of replacement component or product in the event an axle or any component of the axle is discontinued or is otherwise unavailable.
3. These warranties are nontransferable.

GENERAL
THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES EXCEPT THAT OF TITLE, WHETHER WRITTEN, ORAL OR IMPLIED, IN FACT OR IN LAW (INCLUDING ANY WARRANTY AGAINST INFRINGEMENT OR OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE).

These warranties give you specific legal rights, and you may also have other rights which vary from state to state.

DEXTER HEREBY EXCLUDES INCIDENTAL AND CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF TIME, INCONVENIENCE, LOSS OF USE, TOWING FEES, TELEPHONE CALLS, COST OF MEALS OR LODGING, FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation if incidental or consequential damages, so the above exclusion or limitation may not apply to you.

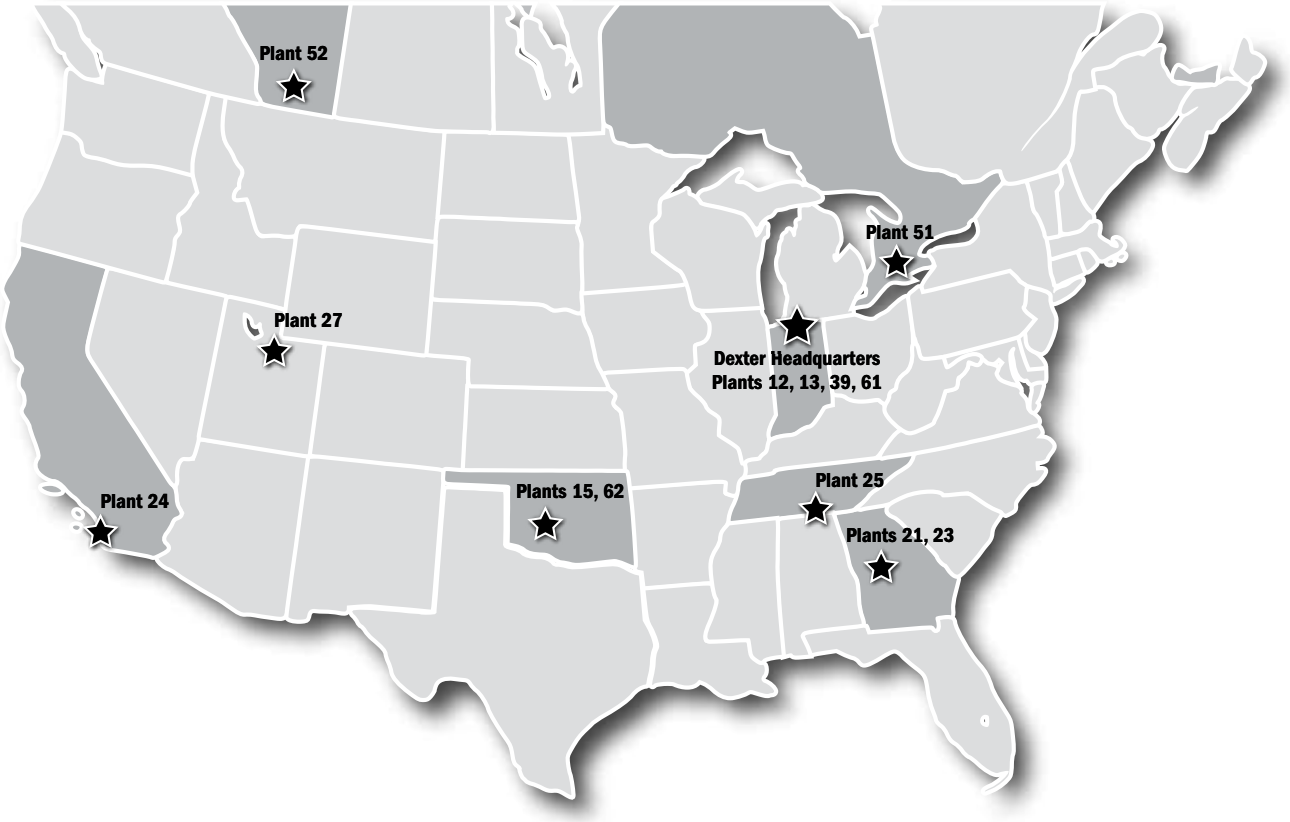
Inquiries regarding these warranties should be sent to:

Dexter Axle Company
P.O. Box 250
Elkhart, IN 46515

Note: Current publication "Operation Maintenance Service Manual" can be found at **www.dexteraxle.com.**

Locations

Genuine Dexter axles and components are available nationwide from our plant locations listed below or through our network of distributors. Check our website for the distributor nearest you.



Dexter - Headquarters

2900 Industrial Parkway East ■ Elkhart, Indiana 46516
Phone: 574-295-7888 ■ Fax: 574-295-8666
www.dexteraxle.com

Dexter - Plt 12
301 West Pearl Street
Fremont, Indiana 46737
Phone: 260-495-5100
Fax: 260-495-1701

Dexter - Plt 13
500 South 7th Street
Albion, Indiana 46701
Phone: 260-636-2195
Fax: 260-636-3030

Dexter - Plt 15
500 Southeast 27th Street
El Reno, Oklahoma 73036
Phone: 405-262-6700
Fax: 405-262-9089

Dexter - Plt 21
199 Perimeter Road
Monticello, Georgia 31064
Phone: 706-468-6495
Fax: 706-468-2966

Dexter - Plt 23
5600 Bucknell Drive SW
Atlanta, Georgia 30336
Phone: 404-477-6899
Fax: 470-443-1715

Dexter - Plt 24
135 Sunshine Lane
San Marcos, California 92069
Phone: 760-744-1610
Fax: 760-744-1616

Dexter - Plt 25
1041 Baxter Lane
Winchester, Tennessee 37398
Phone: 931-967-5101
Fax: 877-457-9861

Dexter - Plt 27
1845 South 300 West
Salt Lake City, UT 84115
Phone: 801-486-4916
Fax: 801-486-1711

Dexter - Plt 39
902 South Division Street
Bristol, Indiana 46507
Phone: 574-848-4491
Fax: 574-848-4825
www.ventline.com

Dexter - Plt 51
347 King Street West
Ingersoll, Ontario N5C 2K9
Phone: 226-242-5291
Fax: 226-444-0474
www.ingersollaxles.com

Dexter - Plt 52
5885 51 Street SE
Calgary, Alberta T2C 3V2
Phone: 587-323-8411
Fax: 587-327-0129

Dexter - Plt 61
21611 Protecta Drive
Elkhart, IN 46516
Phone: 574-294-6651
Fax: 574-295-6626

Dexter - Plt 62
301 North Kennedy Street
Shawnee, Oklahoma 74801
Phone: 405-273-9315
Fax: 405-273-1054

NO PART OF THIS CATALOG MAY BE REPRODUCED WITHOUT DEXTER'S PERMISSION. ALL PART NUMBERS, DIMENSIONS AND SPECIFICATIONS IN THIS CATALOG ARE SUBJECT TO CHANGE WITHOUT NOTICE.

DEXKO GLOBAL

DEXTER

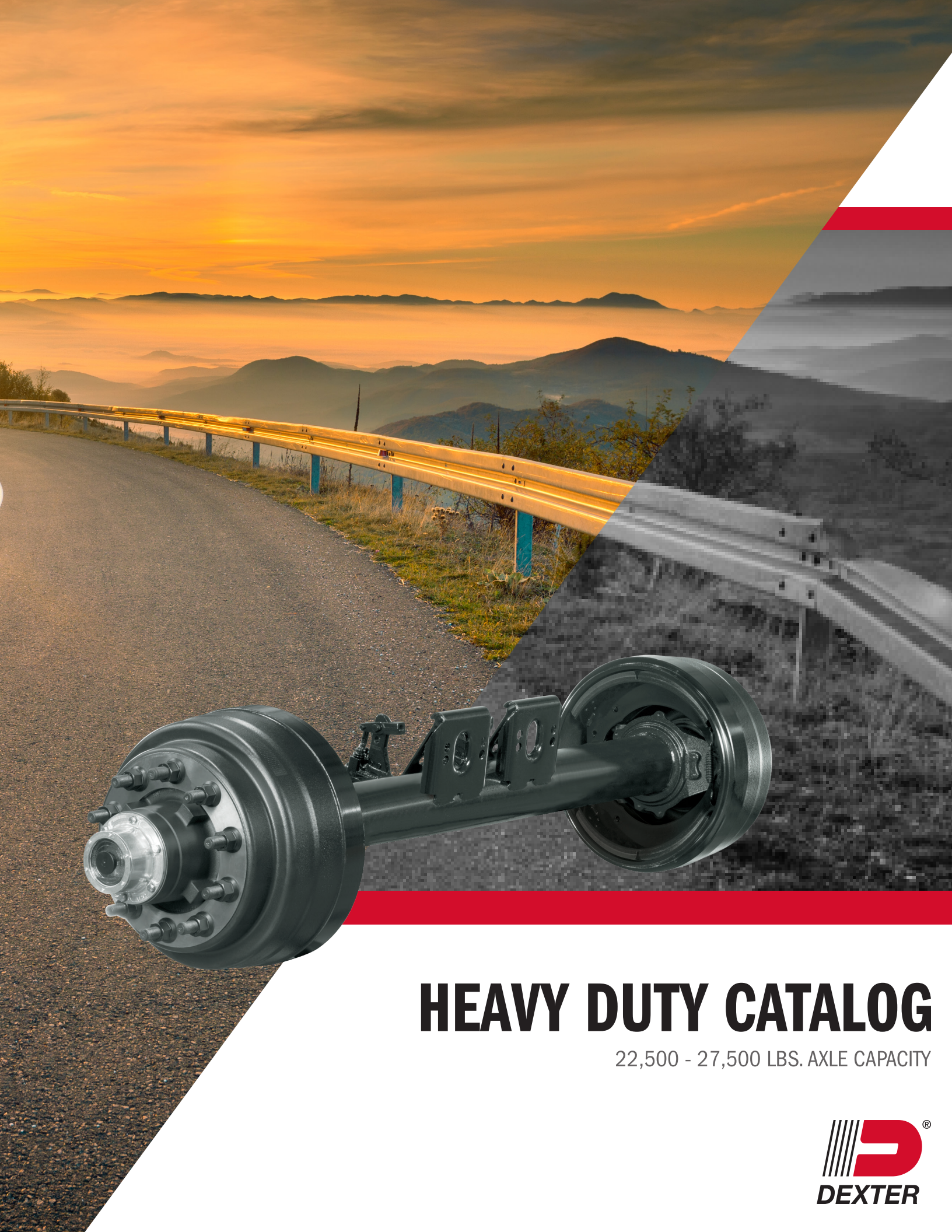


www.dexteraxle.com
2900 Industrial Parkway East ■ Elkhart, IN 46516
Phone: 574-295-7888 ■ Fax: 574-295-8666

ISO 9001:2015 Certified

01.2019

© 1992 - 2019 Dexter Axle Company. LIT-123-00



HEAVY DUTY CATALOG

22,500 - 27,500 LBS. AXLE CAPACITY

DEXTER®

Introduction

This information is intended as a guide for the proper specification and application of Dexter Axle running gear, associated components and accessories.

Dexter offers a full line of trailer axles that can be used in many different applications. When specifying any pre-engineered components such as axles, it is the responsibility of the trailer designer to insure compatibility with the vehicle and all of its sub-systems.

Important Information

The information presented is meant to assist trailer manufacturers in the specification of their running gear components. Dexter Axle does not warrant that the information given constitutes an approved trailer design or application. Dynamic loading, travel requirements unique to the trailer design, unusual service conditions, trailer configurations, unequal load distribution, hitch or coupler arrangements and towing vehicle suspension characteristics can significantly affect the performance of any trailer axle and/or suspension systems. It remains the responsibility of the trailer manufacturer to evaluate, specify and test their trailer/running gear combination before production and to certify it as such. While the information presented at the time of this writing is current, it is subject to change as designs and components evolve over time.

Disclaimer of Warranty and Limitation of Liability

All users of this product catalog acknowledge that the information presented is significantly affected by factors within the exclusive knowledge of the user including, among other things, service conditions, trailer configurations, load distributions, hitch and coupler arrangements and tow vehicle suspension characteristics, that the users have independently investigated these factors and have solely relied on those investigations when using this catalog, and that it is the responsibility of the user to adequately specify, evaluate and test its trailer/running gear combinations.

DEXTER AXLE DISCLAIMS ALL WARRANTIES, WHETHER WRITTEN, ORAL OR IMPLIED, IN FACT OR IN LAW (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE), ASSOCIATED WITH THE USE OF THE CATALOG AND WITH ANY INFORMATION PRESENTED BY THIS CATALOG.

Dexter Axle shall not be liable in damages (whether compensatory, punitive, direct, indirect, special, incidental or consequential) to any user of this catalog under contract, tort, strict liability or any other theory of liability, and any user agrees to indemnify and hold Dexter Axle harmless from any and all claims, actions or other proceedings (including attorney fees and court costs) arising out of the use of this catalog to the extent said claims, actions or other proceedings do not arise out of the sole and exclusive negligence of Dexter Axle.

Load Ratings

The maximum load carrying capacity of any assembly is limited to the lowest load rating of any individual component selected. For instance, the load rating of a pair of wheels may be lower than other axle components selected. If this is the case, the load carrying capacity of the axle assembly is reduced accordingly. As a specific example, if a pair of wheels is rated at 1500 pounds each and is used with other components rated at 4000 pounds per axle, the maximum load capacity is limited to 3000 pounds. If two tires are rated at 1400 pounds each and are used on this assembly, the maximum load carrying capacity is limited to 2800 pounds.

Table of Contents

Models and Capacities
- 22,500-27,500 Lbs. ... 3
- Available Axle Tracks. ... 3
- Brake Performance ... 3

Hubs and Drums
- 12 1/4" x 7 1/2" Brake Size ... 4
  - 10 Stud on 8 3/4" Hubs with Inboard Drums ... 4
  - 8 Stud on 275mm (10.827") Hubs with Outboard Drums ... 5
  - 3-Spoke Cast Wheels ... 6
- 16 1/2" x 7" Brake Size ... 7
  - 10 Stud on 11 1/4" Hubs with Inboard Drums ... 7
  - 10 Stud on 11 1/4" Hubs with Outboard Drums ... 8
  - 10 Stud on 285.75mm (11.25") Hub Piloted with Outboard Drums ... 9
  - 5-Spoke Cast Wheels ... 10
- Cross Reference ... 11
  - Hubs & Drums; Wheels & Drums ... 11
  - Bearings, Seals, and Caps ... 12
- Anti-Lock Braking Systems (ABS) ... 13

Tires & Wheels
- Clearances and Dimensions ... 14
- Application Information ... 15
  - Determining Maximum Spring Centers ... 15
  - Tires, Wheels & Rims ... 16

Axle/Brake Components
- 12 1/4" x 7 1/2" Brake Size - 'PQ' Style ... 18
- 16 1/2" x 7" Brake Size - 'Q' Style ... 20

Tandem Air System
- Tandem Air System ... 22

Camshafts
- 12 1/4" x 7 1/2" Brake Size ... 23
- 16 1/2" x 7" Brake Size ... 24

Air Chambers
- Service Air Chambers ... 25
- Spring Brake Air Chambers ... 26
- Tandem Axle Configurations ... 27

Suspensions
- HDSS Underslung ... 29
- HDSS Overslung ... 30

Limited Warranty
- Dexter Axle Limited Warranty ... 31

Video Gallery
- Dexter Axle Video Gallery ... 32

Models and Capacities

			Beam Capacity**	
Model No.	**Beam**	**Brake**	**Highway w/Leaf Springs**	**Air Ride Suspension**
D-2L12	5" Light Wall	12 1/4" x 7 1/2"	22,500 Lbs.	n/a +
D-2M12	5" Medium Wall	12 1/4" x 7 1/2"	25,000 Lbs.	22,500 Lbs.
D-2H12	5" Heavy Wall	12 1/4" x 7 1/2"	27,500 Lbs.	25,000 Lbs.
D-2L16	5" Light Wall	16 1/2" x 7"	22,500 Lbs.	n/a +
D-2M16	5" Medium Wall	16 1/2" x 7"	25,000 Lbs.	22,500 Lbs.
D-2H16	5" Heavy Wall	16 1/2" x 7"	27,500 Lbs.	25,000 Lbs.

** Allowable use of axle capacity ratings (type of service and track/spring center overhang dimension, etc.) and components vary with application.

+ Light wall tube on models D-2L12 and D-2L16 is not approved for axles equipped with air ride suspensions.

Available Axle Tracks

Tracks are available from 48" to 124".

Brake Performance

The following brake models meet or exceed requirements set forth by Federal Motor Vehicle Safety Standards 121 when tested under the following conditions:

Brake Size	**Wheel Load *(lbs.)**	**Rolling Radius (in.)**	**A.L. Factor (consisting of)**
12 1/4" x 7 1/2"	10,000	15.7	Type 30 A/C 6" Slack Adjuster
16 1/2" x 7"	12,500	19.6	Type 30 A/C 6" Slack Adjuster

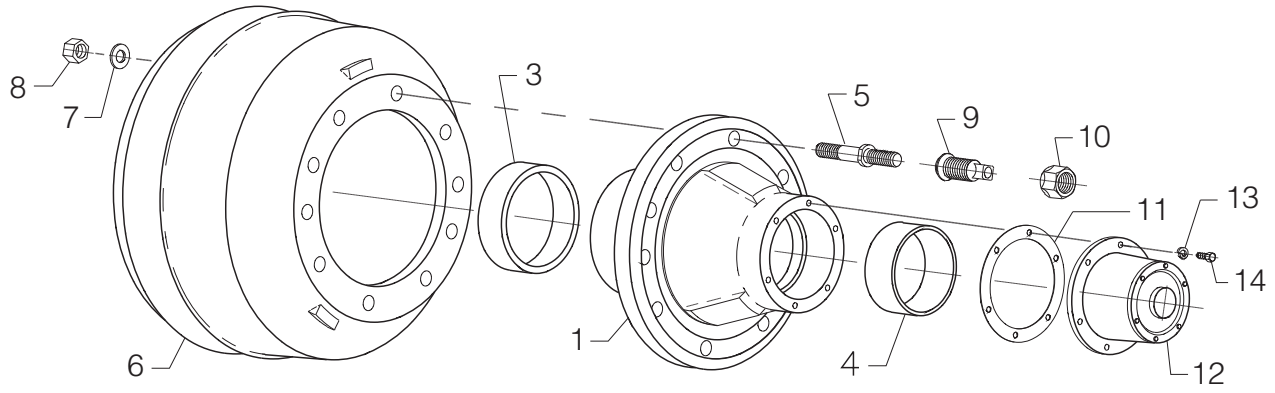
* Wheel Load per wheel end

The permitted use of axles and components, including the capacity ratings that are shown, vary with application and type of service. The capacities indicated for tires, wheels and axles should be used for general guidelines only.

Dexter Axle disclaims all warranties, whether written, oral or implied, in fact or in law (including any warranty of merchantability or fitness for a particular purpose), associated with the use of the manual and with any information presented by this manual.

10 Stud on 8 3/4" Hubs With Inboard Drums

For use with 15" or 17.5" ball seat mounted steel disc wheels

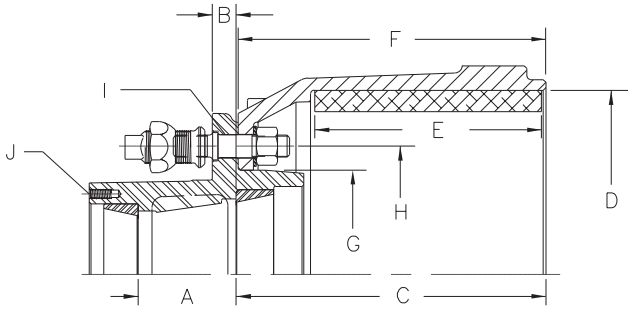


Item	Part No.	Qty	Description	Comments
0	008-277-71	1	LH Assembly Hub & Drum 10 Stud 8 3/4" BC	Use Ball Seat Mtg. Steel Wheels
0	008-277-70	1	RH Assembly Hub & Drum 10 Stud 8 3/4" BC	Use Ball Seat Mtg. Steel Wheels
ns	008-277-29	1	LH Assembly Hub & Drum 10 Stud 8 3/4" BC ABS	Use Ball Seat Mtg. Steel Wheels
ns	008-277-28	1	RH Assembly Hub & Drum 10 Stud 8 3/4" BC ABS	Use Ball Seat Mtg. Steel Wheels
1	008-277-04	1	LH Assembly Hub 10 Stud 8 3/4" BC	Includes Items 3-5
1	008-277-05	1	RH Assembly Hub 10 Stud 8 3/4" BC	Includes Items 3-5
ns	008-277-23	1	LH Assembly Hub 10 Stud 8 3/4" BC ABS	Includes Items 3-5
ns	008-277-22	1	RH Assembly Hub 10 Stud 8 3/4" BC ABS	Includes Items 3-5
ns	024-200-01	1	ABS Tone Ring	Included with ABS Hubs
3	031-026-01	1	Inner Bearing Cup (HM218210)	
4	031-027-01	1	Outer Bearing Cup (HM212011)	
5	025-056-02	10	LH Shoulder Stud	
5	025-056-01	10	RH Shoulder Stud	
6	009-040-01	1	Drum 12 1/4" x 7 1/2"	
7	005-102-00	10	Washer	
8	006-047-00	10	Hex Nut – Drum Mounting	
9	006-069-02	10	LH Inner Cap Nut	For Steel Disc Wheels
9	006-069-01	10	RH Inner Cap Nut	For Steel Disc Wheels
10	006-070-02	10	LH Outer Cap Nut	
10	006-070-01	10	RH Outer Cap Nut	
11	071-124-00	1	Gasket – Oil Cap	
12	021-038-02	1	Oil Cap (with vent plug)	
13	005-100-00	6	Lock Washer – Oil Cap	
14	007-157-00	6	Cap Screw – Oil Cap	

ns - not shown

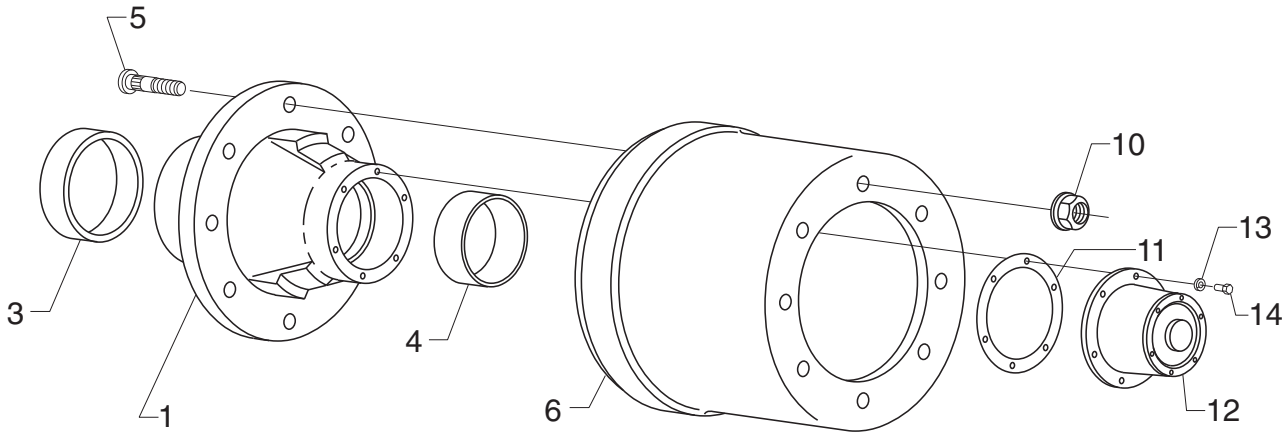
Hub & Drum Dimensional Information

Item	Description	Dimensions
A	Cup to Cup	3.34"
B	Cup to Mounting Face	.81"
C	Cup to End of Drum	10.57"
D	Brake Diameter	12.25"
E	Shoe Brake Width	7.50"
F	Drum Overall Width	10.50"
G	Pilot Diameter	7.12"
H	Bolt Circle	8.75"
I	Bolt Diameter	3/4"
J	Hub Cap Hole Mtg	5/16"
		6 Holes 5.50 BC
Inner Bearing Cup and Cone Overall Stack Thickness		1.575"



8 Stud on 275mm (10.827") Hubs With Outboard Drums

For use with 17.5" or 19.5" 221mm piloted disc wheels

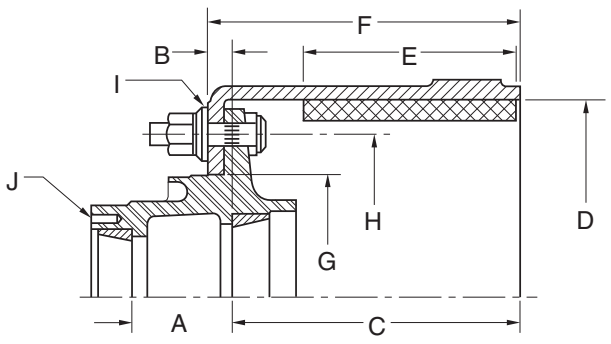


Item	Part No.	Qty	Description	Comments
0	008-396-70	1	Assy Hub & Drum 8 Stud on 275mm BC	Use Pilot Mtg. Steel Wheels
ns	008-396-72	1	Assy Hub & Drum 8 Stud on 275mm BC	Use Pilot Mtg. Aluminum Wheels
ns	008-396-71	1	Assy Hub & Drum 8 Stud on 275mm BC ABS	Use Pilot Mtg. Steel Wheels
ns	008-396-73	1	Assy Hub & Drum 8 Stud on 275mm BC ABS	Use Pilot Mtg. Aluminum Wheels
1	008-396-05	1	Assy Hub 8 Stud on 275mm	Includes Items 3-5 for Steel Wheels
ns	008-396-06	1	Assy Hub 8 Stud on 275mm	Includes Items 3-5 for Aluminum Wheels
ns	008-396-07	1	Assy Hub 8 Stud on 275mm ABS	Included Items 3-5 for Steel Wheels
ns	008-396-08	1	Assy Hub 8 Stud on 275mm ABS	Includes Items 3-5 for Aluminum Wheels
ns	024-200-01	1	ABS Tone Ring	Included with ABS Hubs
3	031-026-01	1	Inner Bearing Cup (HM218210)	
4	031-027-01	1	Outer Bearing Cup (HM212011)	
5	007-194-00	8	Stud, Press-In M22 x 1.5	2.47" Stud Length for Steel Wheels
5	007-195-00	8	Stud, Press-In M22 x 1.5	3.32" Stud Length for Aluminum Wheels
6	009-116-01	1	Drum 12 1/4" x 7 1/2"	
10	006-118-00	8	Swivel Flange Nut	
11	071-124-00	1	Gasket – Oil Cap	
12	021-038-02	1	Oil Cap (with vent plug)	
13	005-100-00	6	Lock Washer – Oil Cap	
14	007-157-00	6	Cap Screw – Oil Cap	

ns - not shown

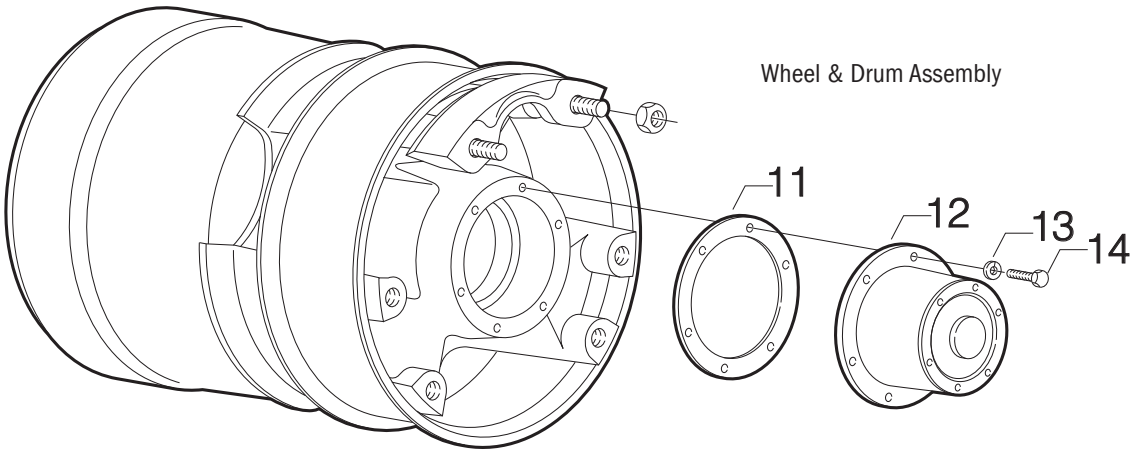
Hub & Drum Dimensional Information

Item	Description	Dimensions
A	Cup to Cup	3.34"
B	Cup to Mounting Face	.75"
C	Cup to End of Drum	10.43"
D	Brake Diameter	12.25"
E	Shoe Brake Width	7.50"
F	Drum Overall Width	11.22"
G	Pilot Diameter (Drum)	9.00"
H	Bolt Circle	275mm (10.827")
I	Bolt Diameter	M22 x 1.5
J	Hub Cap Hole Mtg	5/16" 6 Holes 5.50 BC
Inner Bearing Cup and Cone Overall Stack Thickness		1.575"



3–Spoke Cast Wheels

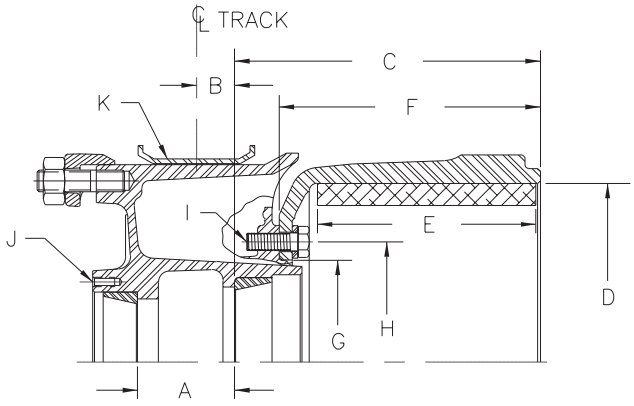
For use with 15" or 17.5" demountable rims



Item	Part No.	Qty	Description
	008-269-76	1	Wheel & Drum Assembly - KIC 001-70003H
	008-269-77	1	ABS Wheel & Drum Assembly - KIC 001-70003TH
11	071-124-00	1	Gasket - Oil Cap
12	021-038-02	1	Oil Cap (with vent plug)
13	005-100-00	6	Lock Washer - Oil Cap
14	007-157-00	6	Cap Screw - Oil Cap

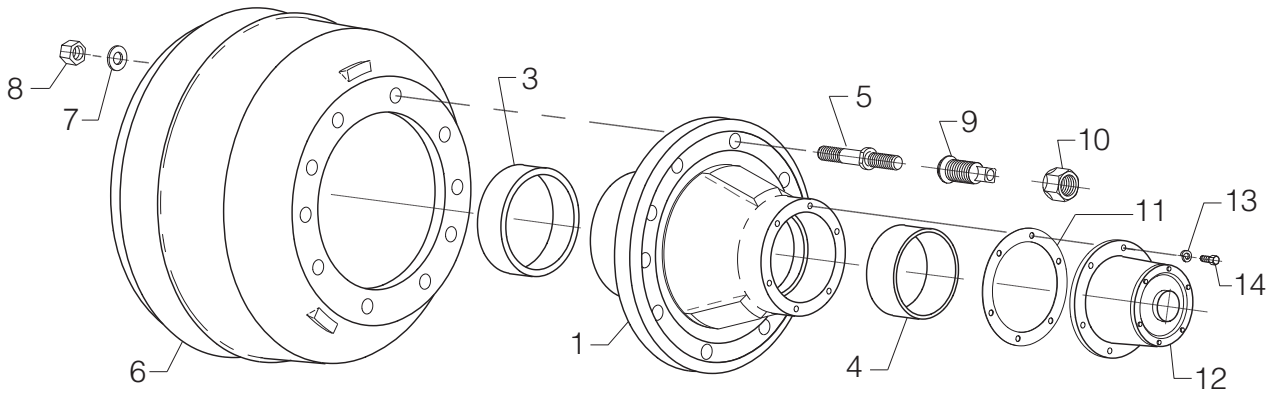
Hub & Drum Dimensional Information

Item	Description	Dimensions
A	Cup to Cup	3.34"
B	Cup to Centerline Track	1.36" (w/4.00" spacer)
C	Cup to End of Drum	10.57"
D	Brake Diameter	12.25"
E	Shoe Brake Width	7.50"
F	Drum Overall Width	9.07"
G	Pilot Diameter	8.50"
H	Bolt Circle	10.00"
I	Bolt Diameter	5/8" (6 holes)
J	Hub Cap Hole Mtg	5/16" 6 Holes 5.50 BC
K	Spacer	15" x 4"
Inner Bearing Cup and Cone Overall Stack Thickness		1.575"



10 Stud on 11 1/4" Hubs With Inboard Drums

For use with 20", 22.5" or 24.5" ball seat mounted steel disc wheels

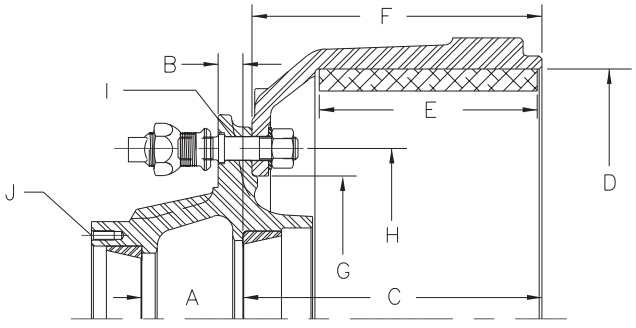


Item	Part No.	Qty	Description	Comments
0	008-279-71	1	LH Assembly Hub & Drum 10 Stud 11 1/4" BC	Use Ball Seat Mtg. Steel Wheels
0	008-279-70	1	RH Assembly Hub & Drum 10 Stud 11 1/4" BC	Use Ball Seat Mtg. Steel Wheels
1	008-279-04	1	LH Assembly Hub 10 Stud 11 1/4" BC	Includes Items 3-5
1	008-279-05	1	RH Assembly Hub 10 Stud 11 1/4" BC	Includes Items 3-5
3	031-026-01	1	Inner Bearing Cup (HM218210)	
4	031-027-01	1	Outer Bearing Cup (HM212011)	
5	025-056-02	10	LH Shoulder Stud	
5	025-056-01	10	RH Shoulder Stud	
6	009-042-01	1	Drum 16 1/2" x 7"	
7	005-102-00	10	Washer	
8	006-047-00	10	Hex Nut - Drum Mounting	
9	006-069-02	10	LH Inner Cap Nut	For Steel Disc Wheels
9	006-069-01	10	RH Inner Cap Nut	For Steel Disc Wheels
10	006-070-02	10	LH Outer Cap Nut	
10	006-070-01	10	RH Outer Cap Nut	
11	071-124-00	1	Gasket – Oil Cap	
12	021-038-02	1	Oil Cap (with vent plug)	
13	005-100-00	6	Lock Washer – Oil Cap	
14	007-157-00	6	Cap Screw – Oil Cap	

ns - not shown

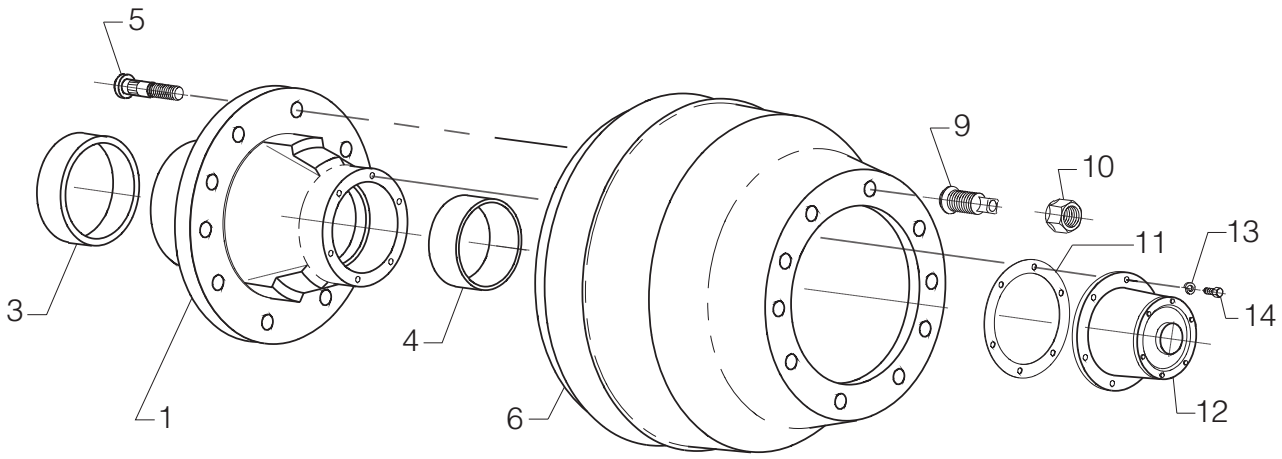
Hub & Drum Dimensional Information

Item	Description	Dimensions
A	Cup to Cup	3.34"
B	Cup to Mounting Face	.81"
C	Cup to End of Drum	9.89"
D	Brake Diameter	16.50"
E	Shoe Brake Width	7.00"
F	Drum Overall Width	9.58"
G	Pilot Diameter	9.44"
H	Bolt Circle	11.25"
I	Bolt Diameter	3/4"
J	Hub Cap Hole Mtg	5/16" 6 Holes 5.50 BC
Inner Bearing Cup and Cone Overall Stack Thickness		1.575"



10 Stud on 11 1/4" Hubs With Outboard Drums

For use with 20", 22.5" or 24.5" ball seat mounted steel disc wheels

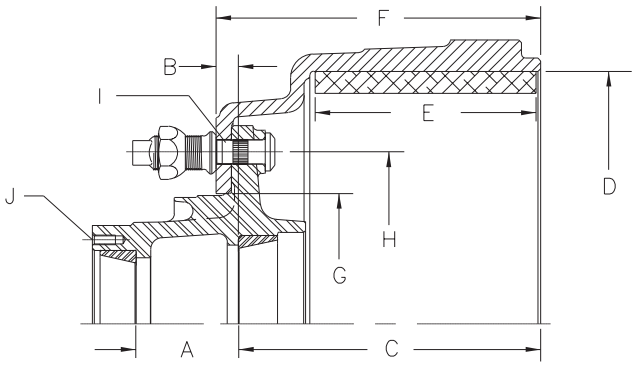


Item	Part No.	Qty	Description	Comments
0	008-290-80	1	LH Assembly Hub & Drum 10 Stud 11 1/4" BC	Use Ball Seat Mtg. Wheels
0	008-290-79	1	RH Assembly Hub & Drum 10 Stud 11 1/4" BC	Use Ball Seat Mtg. Wheels
ns	008-290-82	1	LH Assembly Hub & Drum 10 Stud 11 1/4" BC ABS	Use Ball Seat Mtg. Wheels
ns	008-290-81	1	RH Assembly Hub & Drum 10 Stud 11 1/4" BC ABS	Use Ball Seat Mtg. Wheels
1	008-290-68	1	LH Assembly Hub 10 Stud 11 1/4" BC	Includes Items 3-5
1	008-290-67	1	RH Assembly Hub 10 Stud 11 1/4" BC	Includes Items 3-5
ns	008-290-70	1	LH Assembly Hub 10 Stud 11 1/4" BC ABS	Includes Items 3-5
ns	008-290-69	1	RH Assembly Hub 10 Stud 11 1/4" BC ABS	Includes Items 3-5
ns	024-200-01	1	ABS Tone Ring	Included with ABS Hubs
3	031-026-01	1	Inner Bearing Cup (HM218210)	
4	031-027-01	1	Outer Bearing Cup (HM212011)	
5	007-242-01	10	LH Stud, Press-In	1.38" Stud Stand Out Length
5	007-242-00	10	RH Stud, Press-In	1.38" Stud Stand Out Length
6	009-043-03	1	Drum 16 1/2" x 7"	
9	006-069-02	10	LH Inner Cap Nut	For Steel Disc Wheels
9	006-069-01	10	RH Inner Cap Nut	For Steel Disc Wheels
9	006-124-02	10	LH Inner Cap Nut	For Aluminum Disc Wheels
9	006-124-01	10	RH Inner Cap Nut	For Aluminum Disc Wheels
10	006-070-02	10	LH Outer Cap Nut	
10	006-070-01	10	RH Outer Cap Nut	
11	071-124-00	1	Gasket – Oil Cap	
12	021-038-02	1	Oil Cap (with vent plug)	
13	005-100-00	6	Lock Washer – Oil Cap	
14	007-157-00	6	Cap Screw – Oil Cap	

ns - not shown

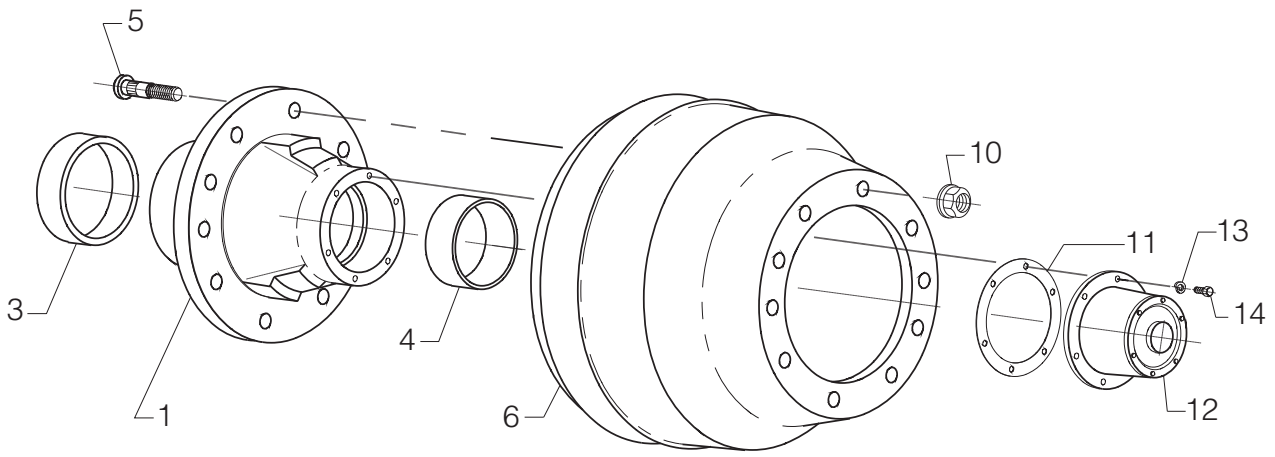
Hub & Drum Dimensional Information

Item	Description	Dimensions
A	Cup to Cup	3.34"
B	Cup to Mounting Face	.73"
C	Cup to End of Drum	9.87"
D	Brake Diameter	16.50"
E	Shoe Brake Width	7.00"
F	Drum Overall Width	10.60"
G	Pilot Diameter	8.78"
H	Bolt Circle	11.25"
I	Bolt Diameter	3/4"
J	Hub Cap Hole Mtg	5/16" 6 Holes 5.50 BC
Inner Bearing Cup and Cone Overall Stack Thickness		1.575"



10 Stud on 285.75mm (11.25") Hub Piloted With Outboard Drums

For use with 20", 22.5" or 24.5" 220mm piloted disc wheels

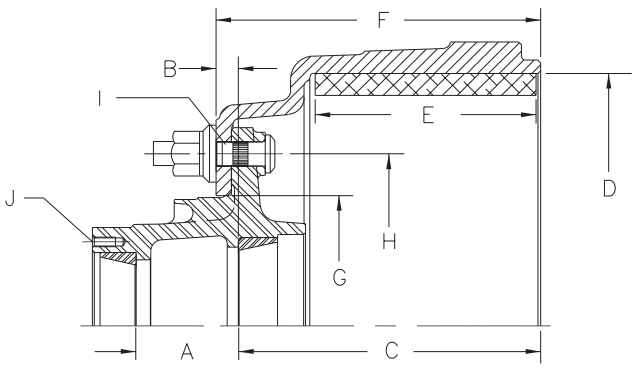


Item	Part No.	Qty	Description	Comments
0	008-290-32	1	Assy Hub & Drum 10 Stud 285.75mm BC	Use Pilot Mtg. Steel Wheels
ns	008-290-34	1	Assy Hub & Drum 10 Stud 285.75mm BC	Use Pilot Mtg. Aluminum Wheels
ns	008-290-33	1	Assy Hub & Drum 10 Stud 285.75mm BC ABS	Use Pilot Mtg. Steel Wheels
ns	008-290-35	1	Assy Hub & Drum 10 Stud 285.75mm BC ABS	Use Pilot Mtg. Aluminum Wheels
1	008-290-13	1	Assy Hub 10 Stud 285.75mm	Includes Items 3-5 for Steel Wheels
ns	008-290-14	1	Assy Hub 10 Stud 285.75mm	Includes Items 3-5 for Aluminum Wheels
ns	008-290-16	1	Assy Hub 10 Stud 285.75mm ABS	Includes Items 3-5 for Steel Wheels
ns	008-290-17	1	Assy Hub 10 Stud 285.75mm ABS	Includes Items 3-5 for Aluminum Wheels
ns	024-200-01	1	ABS Tone Ring	Included with ABS hubs
3	031-026-01	1	Inner Bearing Cup (HM218210)	
4	031-027-01	1	Outer Bearing Cup (HM212011)	
5	007-194-00	10	Stud, Press-In M22 x 1.5	2.47" Stud Length for Steel Wheels
5	007-195-00	10	Stud, Press-In M22 x 1.5	3.32" Stud Length for Aluminum Wheels
6	009-043-03	1	Drum 16 1/2" x 7"	
10	006-118-00	10	Swivel Flange Nut	
11	071-124-00	1	Gasket - Oil Cap	
12	021-038-02	1	Oil Cap (with vent plug)	
13	005-100-00	6	Lock Washer - Oil Cap	
14	007-157-00	6	Cap Screw – Oil Cap	

ns - not shown

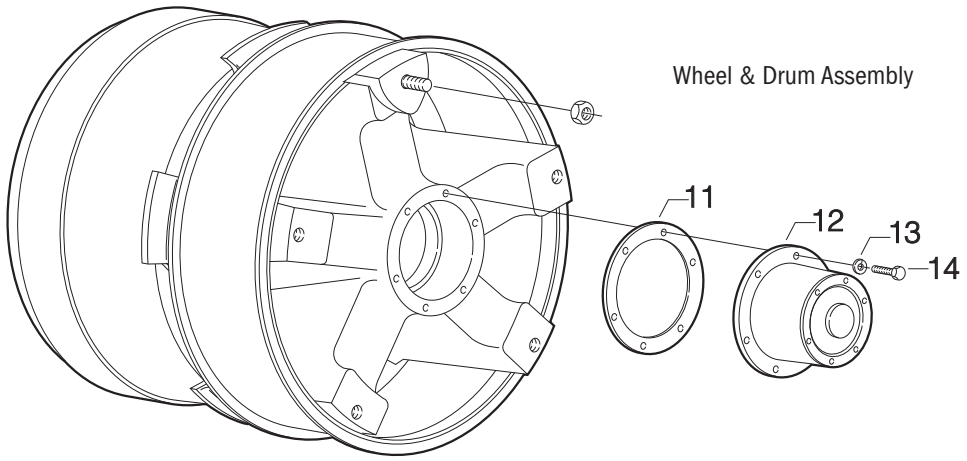
Hub & Drum Dimensional Information

Item	Description	Dimensions
A	Cup to Cup	3.34"
B	Cup to Mounting Face	.73"
C	Cup to End of Drum	9.87"
D	Brake Diameter	16.50"
E	Shoe Brake Width	7.00"
F	Drum Overall Width	10.60"
G	Pilot Diameter (Drum)	8.78"
H	Bolt Circle	285.75mm (11.25")
I	Bolt Diameter	M22 x 1.5
J	Hub Cap Hole Mtg	5/16" 6 Holes 5.50 BC
Inner Bearing Cup and Cone Overall Stack Thickness		1.575"



5–Spoke Cast Wheels

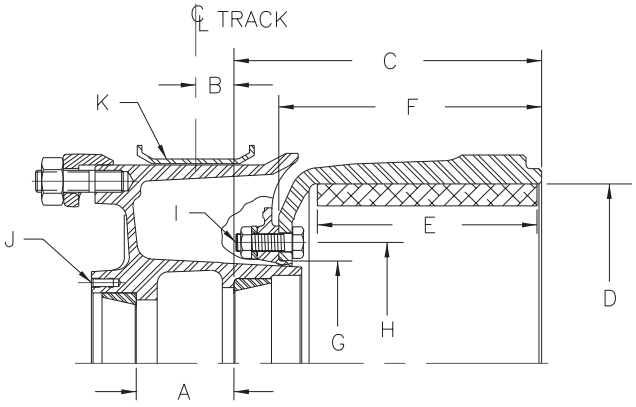
For use with 20" or 22.5" demountable rims



Item	Part No.	Qty	Description
	008-267-76	1	Wheel & Drum Assembly - KIC 001-75207H
	008-267-77	1	ABS Wheel & Drum Assembly - KIC 001-75207TH
11	071-124-00	1	Gasket - Oil Cap
12	021-038-02	1	Oil Cap (with vent plug)
13	005-100-00	6	Lock Washer - Oil Cap
14	007-157-00	6	Cap Screw - Oil Cap

Hub & Drum Dimensional Information

Item	Description	Dimensions
A	Cup to Cup	3.34"
B	Cup to Centerline Track	1.36" (w/4.00" spacer)
C	Cup to End of Drum	9.90"
D	Brake Diameter	16.50"
E	Shoe Brake Width	7.00"
F	Drum Overall Width	8.38"
G	Pilot Diameter	9.44"
H	Bolt Circle	11.00"
I	Bolt Diameter	5/8"
J	Hub Cap Hole Mtg	5/16" 6 Holes 5.50 BC
K	Spacer	20" x 4"
Inner Bearing Cup and Cone Overall Stack Thickness		1.575"



Description	Dexter	Webb	Erie	Dayton Walther	KIC	Gunite
Assembly 8 on 275mm BC; Outboard 12 1/4" Brake*	008-396-70	20271CW4	n/a	n/a	001-00133	n/a
Assembly 8 on 275mm BC; Outboard 12 1/4" Brake-ABS*	008-396-71	20271CW4T	n/a	n/a	001-00133T	n/a
Assembly 8 on 275mm BC; Outboard 12 1/4" Brake+	008-396-72	20271CW6	n/a	n/a	001-00133L	n/a
Assembly 8 on 275mm BC; Outboard 12 1/4" Brake-ABS+	008-396-73	20271CW6T	n/a	n/a	001-00133LT	n/a
Assembly 10 on 8 3/4" BC RH; Inboard 12 1/4" Brake*	008-277-70	10519CLMR	n/a	n/a	001-10511	n/a
Assembly 10 on 8 3/4" BC RH; Inboard 12 1/4" Brake-ABS*	008-277-28	10519CLMRT	n/a	n/a	001-10511T	n/a
Assembly 10 on 8 3/4" BC LH; Inboard 12 1/4" Brake*	008-277-71	10519CLML	n/a	n/a	001-10512	n/a
Assembly 10 on 8 3/4" BC LH; Inboard 12 1/4" Brake-ABS*	008-277-29	10519CLMLT	n/a	n/a	001-10512T	n/a
Assembly 15" 3-Spoke; 12 1/4" Brake	008-269-xx	70159CCA	950-2700-10	48-14054-054	001-70003H	5785-1
Assembly 15" 3-Spoke; 12 1/4" Brake-ABS	008-269-xx	70159CCAT80	950-2700-10-A	48-15613-056	001-70003TH	5785-2
Assy 10 on 11 1/4" BC RH; 9.44 Pilot Inboard 16 1/2" Brake*	008-279-70	10019 BE_R	704-2760 RH	n/a	n/a	5559-RH1
Assy 10 on 11 1/4" BC LH; 9.44 Pilot Inboard 16 1/2" Brake*	008-279-71	10019 BE_L	704-2760 LH	n/a	n/a	5559-LH1
Assy 10 on 11 1/4" BC RH; 8.78 Pilot Outboard 16 1/2" Brake*	008-290-79	20231UQ_R	Call Erie	n/a	001-00126	n/a
Assy 10 on 11 1/4" BC RH; 8.78 Pilot Outboard 16 1/2" Brake-ABS*	008-290-81	20231UQ_RT	sales office	n/a	001-00126T	n/a
Assy 10 on 11 1/4" BC LH; 8.78 Pilot Outboard 16 1/2" Brake*	008-290-80	20231UQ_L	814-452-6431	n/a	001-00127	n/a
Assy 10 on 11 1/4" BC LH; 8.78 Pilot Outboard 16 1/2" Brake-ABS*	008-290-82	20231UQ_LT	for assistance.	n/a	001-00127T	n/a
Assy 10 on 285.75mm BC; 8.78 Pilot Outboard 16 1/2" Brake*	008-290-32	Heavy Duty 20231UQ4 or Extra Hvy 20231UH4	706-2764-5 with 5324 Studs for Steel Wheels	n/a	Heavy Duty 001-00125	n/a
Assy 10 on 285.75mm BC; 8.78 Pilot Outboard 16 1/2" Brake-ABS*	008-290-33	Heavy Duty 20231UQ4T or Extra Hvy 20231UH4T	706-2764-5-A with 5424 Studs for Steel Wheels	n/a	Heavy Duty 001-0125T	n/a
Assy 10 on 285.75mm BC; 8.78 Pilot Outboard 16 1/2" Brake+	008-290-34	Heavy Duty 20231UQ6 or Extra Hvy 20231UH6	706-2764-5-A with 5322 Studs for Aluminum Wheels	n/a	Heavy Duty 001-0125L	n/a
Assy 10 on 285.75mm BC; 8.78 Pilot Outboard 16 1/2" Brake-ABS+	008-290-35	Heavy Duty 20231UQ6T or Extra Hvy 20231UH6T	706-2764-5-A with 5322 Studs for Aluminum Wheels	n/a	Heavy Duty 001-0125LT	n/a
Assembly 20" 5-Spoke; 16 1/2" Brake	008-267-xx	75209GCA	904-2738-1	48-14018-051	001-75207H	5763-1
Assembly 20" 5-Spoke; 16 1/2" Brake-ABS	008-267-xx	75209GCAT	904-2738-1-A	n/a	001-75207TH	5763-2

xx = See Hubs & Drums section for part number that varies with manufacturer.

The following listed part numbers have a drum pilot diameter of 8.53". These are obsolete and are available as service parts only, not to be used for new construction. For new assemblies having 8.78" diameter drum pilot, see the above part numbers 008-290-79; -80; -81; -82.

Description	Dexter	Webb	Erie	Dayton Walther	KIC	Gunite
Assy 10 on 11 1/4" BC RH; 8.53 Pilot Outboard 16 1/2" Brake*	008-290-20	10209FRMR	705-2764 RH	n/a	n/a	5631-RH1
Assy 10 on 11 1/4" BC RH; 8.53 Pilot Outboard 16 1/2" Brake-ABS*	008-290-57	10209FRMRT	705-2764 RH-A	n/a	n/a	n/a
Assy 10 on 11 1/4" BC LH; 8.53 Pilot Outboard 16 1/2" Brake*	008-290-21	10209FRML	705-2764 LH	n/a	n/a	5631-LH1
Assy 10 on 11 1/4" BC LH; 8.53 Pilot Outboard 16 1/2" Brake-ABS*	008-290-58	10209FRMLT	705-2764 LH-A	n/a	n/a	n/a

Interchange Reference Information

The interchange reference information listed herein is based on the best available information at the time of publication and is to be used as a guide only. Although every care has been taken in order to insure the accuracy of these interchanges, Dexter does not assume any liability for errors, changes, omissions, or for harm resulting therefrom. It is recommended that all parts be thoroughly checked for proper form, fit, and function prior to installation and usage to determine interchangability.

* Steel Wheels
\+ Aluminum Wheels

Bearings, Seals, and Caps

Type	Description	Dexter Part No.
Bearings		
	Inner Bearing Cone (HM218248)	031-026-02
	Outer Bearing Cone (HM212049)	031-027-02
Oil Seal Unitized		
	National B-370025-BGR (Dexter standard)	010-055-01
	Midland Mechanics Barrier 755400	010-055-02
	Stemco Guardian 307-0743	010-055-03
	Stemco 373-0143 Unitized	010-055-04
	Dichtomatik OB4660099	010-055-09
Oil Cap		
	Stemco 343-4009	021-038-01
	Standard	021-038-02
Grease Cap		021-046-00

Anti-Lock Braking Systems (ABS)

March 1, 1998, the National Highway Traffic Safety Administration (NHTSA) passed a law that required all new trailers with air actuated brakes to have anti-lock braking capability for any vehicle that falls under FMVSS121.

Dexter's D200 series axles are offered with the ABS sensors (all 90° sensors) from the following ABS system manufacturers:

Manufacturer	Dexter PN	Manufacturers PN
Haldex	097-003-00	364094001
Meritor - Wabco	097-007-00	441-032-808-0

It is recommended that the Electronic Control Unit (ECU) purchased for the trailer (not supplied by Dexter Axle) be from the same manufacturer as the sensor.

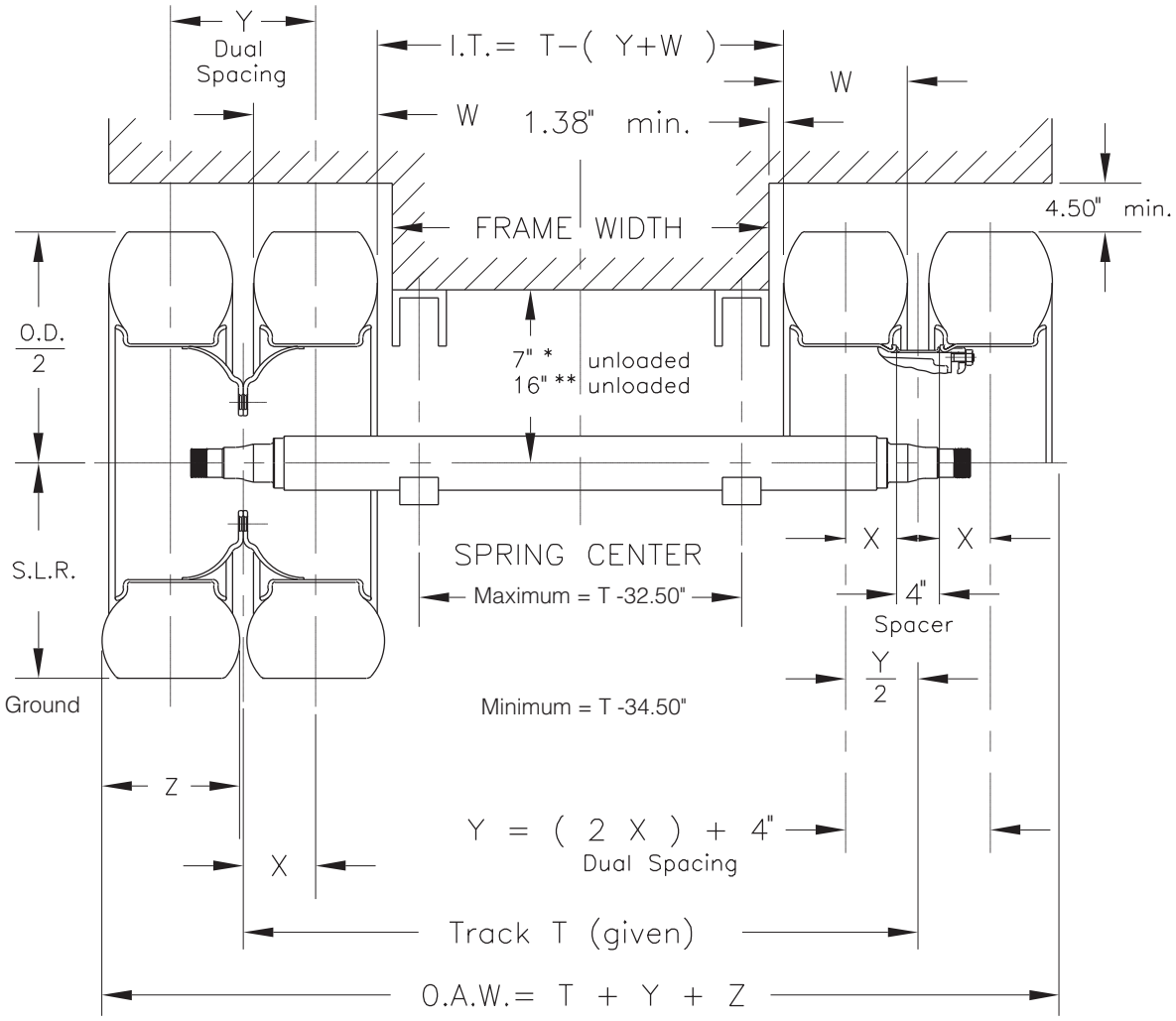
Information about the various ECU's and other products offered by the manufacturers may be found by contacting the manufacturer or one of their distributors:

Haldex
10707 NW Airworld Drive
Kansas City, MO 64153
Telephone: (816) 891-2470
Customer Service: (800) 643-2374
www.hbsna.com

Meritor - Wabco
2135 West Maple Road
Troy, MI 48084
Customer Service: (800) 535-5560
www.meritorwabco.com

Spring Center – for absolute maximum refer to calculation procedures.
(T – 34.50" will satisfy most needs)

Disc Wheel **Demountable**



* Underslung
** Overslung

Using 3/4" seat height and 3 leaf – 354-00 spring (standard Dexter HAP Kits)

Determining Maximum Spring Centers for 22.5K – 27.5K Axles

1. Typical over-the-road 96" wide semi-trailers with leaf spring suspensions are equipped with axles having 71" or 71 1/2" axle track and either 38" or 39" spring centers. 102" wide trailers use axles having 77" or 77 1/2" axle track and either 44" or 45" spring centers.
2. Axle track should be the widest possible with the overall width of the outer dual tires not exceeding the maximum trailer width of either 96" or 102" as specified by law. Verify with State and Federal laws for the type of roads the trailer is traveling.
3. Spring centers should be placed as wide as possible to aid in resisting trailer rolling movement - side-to-side sway. Maximum spring center is governed by either the distance between drums or the distance between the inner dual tires of a given axle. Spring centers less than the minimum specified will reduce axle carrying capacity.
4. Begin by selecting appropriate dual tire capacity and rim or wheel capacity to adequately haul the load for which the trailer was designed.

Factor 1 - Distance between drums

   A. Determine the hub group required to mate with the tires, rims or wheels previously selected.
   B. From the hub group section of this catalog, locate the proper hub & drum or wheel & drum.
   C. **For Demountable Rims.** Obtain the B and C dimensions for your selected hub group in this catalog, add them together, then multiply by 2. Subtract this number from your track dimension to obtain the dimension between drums.
   D. **For Disc Wheels.** Obtain the B and C dimensions for your selected hub group in this catalog. Next, determine the wheel's disc thickness at the mounting area. Add these three figures together, then multiply by 2. Subtract this number from your track dimension to obtain the dimension between drums.

Factor 2 - Distance between inner tires

5. Obtain the tire width dimension for the tires previously selected. Dimensions shown in this catalog may vary from manufacturer to manufacturer. Check your tire manufacturer's latest tire catalog to be sure of the dimensions.

   A. **For Demountable Rims.** From the "Tires" section, obtain the W dimension (width of your selected tire) and the Y dimension (dual rim spacing of appropriate rims for your selected tire) and add them together. Subtract this number from your track dimension to obtain the dimension between the inner dual tire set.
   B. **For Disc Wheels.** From the "Wheels & Rims" section, obtain the W dimension (width of your selected tire) and the Y dimension (dual wheel spacing of appropriate wheels for your selected tire) and add them together. Subtract this number from your track dimension to obtain the dimension between the inner dual tire set.
6. Compare these two calculated numbers – Factor 1 and Factor 2 – and select the smallest (narrowest) of the two.
7. Subtract 2.75 from the above selected smallest number. This should be your outside to outside widest frame width for your given track. The minimum frame clearance per side is 1.375, then is multiplied by 2 to get 2.75.
8. Determine the width of your suspension system hangers, typically 6.00 inches for H-9700 Hutch suspension. If other than Hutch H-9700 are used, determine the location of your selected suspension system's hangers and where they are to be positioned laterally on the trailer frame member. Consult the manufacturer of your suspension system if the location is not detailed in their catalog. Determine the distance from frame width to centerline of suspension attachment to the axle beam tube relative to this hanger position.
9. Subtract this number from outside frame width to obtain the maximum spring center allowed.

Tires

Brake Size	Tire Size (Load Range)	Design Rim Width	**Dual Tire Capacity per Tire (lbs.)	Max Inflation P.S.I	O.D.*	Tire Width W	Loaded Section Width Z	S.L.R.*	Min. Dual Spacing
12 1/4"	10R17.5 (H)	6.75HC	4410	115	33.7	9.4	10.4	15.6	10.9
12 1/4"	215/75R17.5 (H)	6.75HC	4540	125	30.6	8.4	9.3	14	9.6
12 1/4"	235/75R17.5 (H)	6.75HC	5675	125	31.8	9.2	10.1	14.5	10.3
12 1/4"	245/70R19.5 (G)	6.75	4375	100	33.0	10.2	11.0	15.3	11.0
12 1/4"	265/70R19.5 (G)	6.75	5070	120	34.0	10.3	11.2	15.9	11.6
16 1/2"	255/70R22.5 (H)	7.50	5070	115	36.6	9.8	10.6	17.1	11.3
16 1/2"	295/75R22.5 (G)	8.25	5675	100	40.2	11.2	12.2	18.8	11.2
16 1/2"	11R22.5 (G)	8.25	5750	105	41.5	10.8	11.9	19.4	12.5
16 1/2"	11R22.5 (H)	8.25	5800	110	41.5	10.8	11.9	19.4	12.5
16 1/2"	11R24.5 (G)	8.25	6000	105	43.5	10.8	11.9	20.4	12.5
16 1/2"	11R24.5 (H)	8.25	6170	110	43.5	10.8	11.9	20.4	12.5

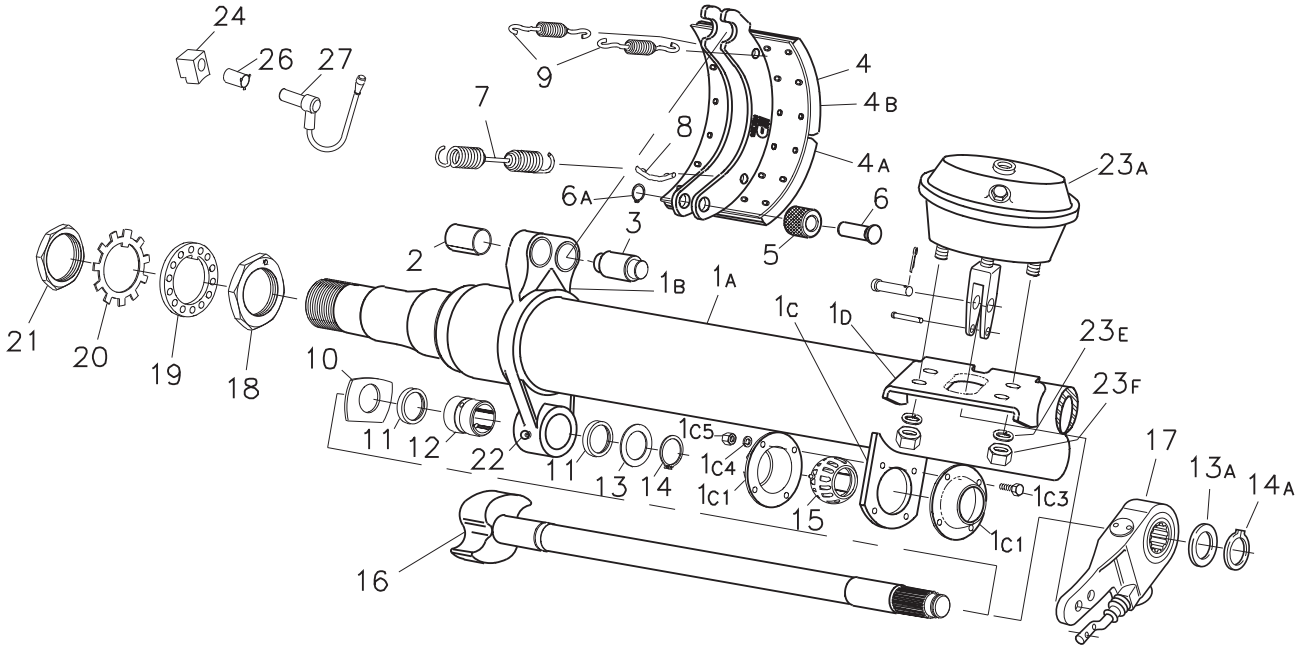
* Dimensions shown may vary slightly from manufacturer to manufacturer
** Dual Rating

Wheels & Rims

Rim Contour	Description	Wheel/Rim Capacity Each (lbs.)	Max. Inflation (P.S.I.)	Mtg. Hole Pattern	Wheel Center Disc Thickness	Offset X	Dual Spacing Y
17.5 x 6.75 HC	Rim	4805	125	Demountable 4" Spacer	n/a	3.90"	11.80"
17.5 x 6.75 HC	Steel Wheel	5070	125	10 Hole 8.75" BC 6.50" Bore Ball Seat	.42"	6.19"	12.38"
17.5 x 6.75 HC	Steel Wheel	5355	125	8 Hole 275mm BC 221mm Bore Pilot Mounting	.437"	5.60"	11.20"
19.5 x 6.75 RW	Steel Wheel	5000	120	8 Hole 275mm BC 221mm Bore Pilot Mounting	.437"	5.60"	11.2"
22.5 x 7.50	Steel Wheel	6610	120	10 Hole 11 1/4" BC 8.72" Bore Ball Seat	.437"	6.44"	12.88"
22.5 x 8.25	Steel Wheel	7400	120	10 Hole 11 1/4" BC 8.72" Bore Ball Seat	.437"	6.62"	13.25"
22.5 x 8.25	Steel Wheel	7400	120	10 Hole 285.75mm BC 220mm Bore Pilot Mounting	.437"	6.62"	13.25"
24.5 x 8.25	Steel Wheel	7300	120	10 Hole 285.75mm BC 220mm Bore Pilot Mounting	.437"	6.62"	13.25"

Axle/Brake Components

'PQ' Style



Brake Shoe Hardware Kit — K71-460-00

Fits "PQ" style Dexter 10-27K 12 1/4" air brake axles.
For one brake.

DX Part No.	Quantity	Part Description
005-076-00	2	Washer
014-057-00	2	Roller
014-068-00	2	Bushing
046-092-00	1	Retractor Spring
046-097-00	2	Shoe Keeper Spring
056-010-00	2	Roller Pin
056-017-00	2	Anchor Pin
056-018-00	2	Retainer Pin
069-018-00	2	Snap Ring for .750 Shaft
059-553-00	1	Instruction Sheet

Camshaft Repair Kit — K71-101-00

Fits "P" and "PQ" style Dexter 10K, 12K, 15K, and
12 1/4" x 7 1/2" air brake axles. For one brake.

DX Part No.	Quantity	Part Description
005-074-00	1	'D' Washer Camshaft
005-075-00	2	Camshaft Washer
005-134-00	1	Plain Washer
010-052-00	2	Seal
014-056-00	1	Camshaft Bushing
014-058-00	1	Camshaft Support Bushing
061-006-00	1	Grease Fitting
069-020-00	2	Camshaft Retainer
069-078-00	1	Snap Ring
059-663-00	1	Instruction Sheet

Brake Block Kit — K71-133-00

For one Dexter 12 1/4"x 7 1/2" brake.

DX Part No.	Quantity	Part Description
022-018-00	48	Rivet
041-057-01	2	Brake Block
041-060-01	2	Brake Block
059-191-00	1	Instruction sheet

ns - not shown

Axle beams are produced using the latest in friction welding technology.

Axle/Brake Components

'PQ' Style

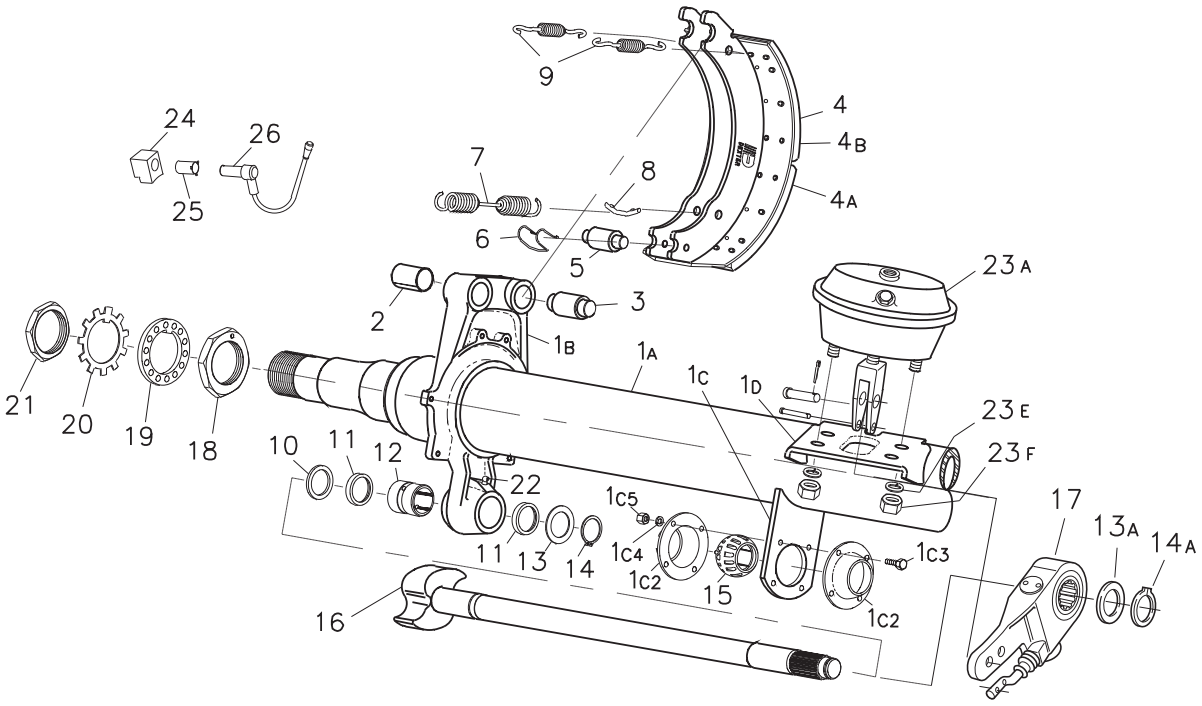
Item	Part No.	Qty per Axle	Description	Comments
1A	D-2L12	1	Beam Options	Light Wall 22,500# Rating
	D-2M12	1	Beam Options	Medium Wall 25,000# Rating; with Air Ride 22,500#
	D-2H12	1	Beam Options	Heavy Wall, 27,500# Rating; with Air Ride 25,000#
1B*	036-114-02	2	Spider (using anchor pin bushing)	Weld on (includes #2)
1C	034-031-00	2	Bracket - Camshaft Support	Weld-on
1C1	034-032-00	4	Retainer Plate	
1C3	007-139-00	8	Bolt - Retainer Plate Attachment	
1C4	005-079-00	8	Lock Washer - Cover Attachment	
1C5	006-099-00	8	Nut - Retainer Plate Attachment	
1D	034-048-00	2	Bracket - Air chamber Mounting	Weld-on Standard
2	014-068-00	4	Bushing - Spider Anchor Pin	
3	056-017-00	4	Anchor Pin	
4	040-320-01	4	Shoe and Lining Assembly	Friction Code FF
4A	041-060-01	4	Lining - Brake Block Cam	(FMSI 4591 D)
4B	041-057-01	4	Lining - Brake Block Anchor	(FMSI 4591 D)
5	014-057-00	4	Roller	
6	056-010-00	4	Retainer - Roller Pin	
6A	069-018-00	4	Retainer Ring	
7	046-092-00	2	Spring - Shoe Retractor	Blue color
8	056-018-00	4	Retainer Pin - Retractor Spring	
9	046-097-00	4	Spring - Shoe Keeper	Orange Color
10	005-074-00	2	'D' Washer - Camshaft	.06 thick
11	010-052-00	4	Grease Seal	
12	014-056-00	2	Bushing - Camshaft Spider	Nylon
13	005-075-00	1	Washer	
13A	005-134-00	2	Washer - Camshaft Slack Adjuster End	For 28-spline Camshafts only
14	069-020-00	2	Snap Ring	
14A	069-078-00	2	Retainer - Camshaft Slack Adjuster End	For 28-spline Camshafts only
15	014-058-00	2	Bushing - Camshaft Support	Nylon
16	034-xxx-xx	2	Camshaft LH/RH	See Camshaft section for options
ns	055-039-00	2	Slack Adjuster - Manual	1.46 x 28-spline
17	055-040-99	2	Slack Adjuster Angled Automatic 1.46 x 28-spline 6" arm	Boxed kit includes clevis, pins, gage, and instructions
18	006-114-00	2	Nut - Inner Spindle Bearing	
19	005-098-00	2	Lock Washer - Indexing	
20	005-099-00	2	Lock Washer - Tab	
21	006-115-00	2	Nut - Outer Spindle	
22	061-006-00	2	Grease Fitting 65°	
23A	034-xxx-xx	2	Air Chamber Assembly (includes item 23E, 23F)	See Air Chamber section for options
ns	055-057-00	2	Clevis for manual slacks only	Clevis, Clevis Pin & Cotter Pin for Manual Slacks
23E		4	Lock Washer - Air chamber Mounting (included in item 23A)	
23F		4	Nut - Air Chamber Mounting (included in item 23A)	
24	024-100-00	2	Sensor block	
26	097-002-00	2	Retainer Clip	
27	097-003-00	2	ABS Sensor, 90°	Haldex
	097-007-00	2	ABS Sensor, 90°	Meritor - Wabco

* Not for individual resale

xx - See Camshaft section for part number that varies by length

Axle/Brake Components

'Q' Style



Brake Shoe Hardware Kit K71-136-00

Fits "Q" quick change Dexter 16 1/2" x 7" air brake axles. For one brake.

DX Part No.	Quantity	Part Description
014-065-00	2	Roller
014-068-00	2	Spider Bushing
046-096-00	1	Retractor Spring 16 1/2" Brake-Orange
046-097-00	2	Keeper Spring
056-017-00	2	Anchor Pin
056-018-00	2	Spring Retainer
071-122-00	2	Roller Retainer
059-554-00	1	Instruction Sheet

Camshaft Repair Kit K71-135-00

Fits all "Q" quick change Dexter 16 1/2" x 7" air brake axles. For one brake.

DX Part No.	Quantity	Part Description
005-096-00	1	Camshaft Washer
005-097-00	2	Camshaft Washer
005-134-00	1	Plain Washer
010-052-00	2	Seal
014-056-00	1	Camshaft Bushing
014-058-00	1	Camshaft Support Bushing
061-006-00	1	Grease Fitting
069-020-00	2	Camshaft Retainer
069-078-00	1	Snap Ring
059-554-00	1	Instruction Sheet

Brake Block Kit K71-138-00

For one Dexter 16 1/2"x 7" air brake.

DX Part No.	Quantity	Part Description
022-018-00	48	Rivet
041-058-01	2	Brake Block
041-059-01	2	Brake Block
059-191-00	1	Instruction sheet

ns - not shown

Axle beams are produced using the latest in friction welding technology.

Axle/Brake Components

'Q' Style

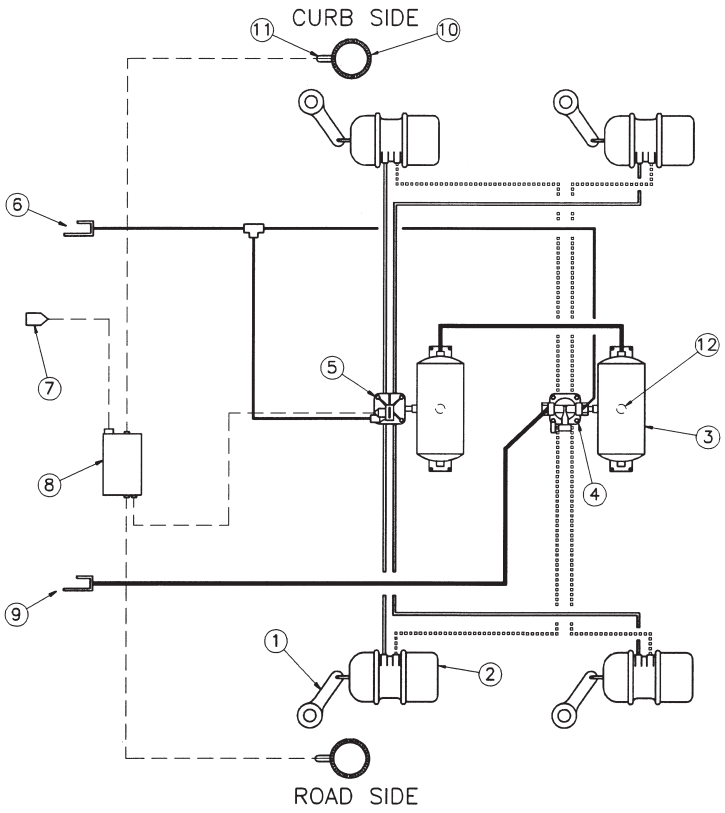
Item	Part No.	Qty per Axle	Description	Comments
1A	D-2L16	1	Beam Options	Light Wall 22,500# Rating
	D-2M16	1	Beam Options	Medium Wall 25,000# Rating; with Air Ride 22,500#
	D-2H16	1	Beam Options	Heavy Wall, 27,500# Rating; with Air Ride 25,000#
1B*	036-092-04	2	Spider	Weld on (includes #2)
1C	034-047-04	2	Bracket - Camshaft Support	Weld-on
1C2	034-032-00	4	Retainer Plate	
1C3	007-139-00	8	Bolt - Retainer Plate Attachment	
1C4	005-079-00	8	Lock Washer - Cover Attachment	
1C5	006-099-00	8	Nut - Retainer Plate Attachment	
1D	034-048-00	2	Bracket - Air chamber Mounting	Weld-on Standard
2	014-068-00	4	Bushing - Spider Anchor Pin	
3	056-017-00	4	Anchor Pin	
4	040-180-00	4	Shoe and Lining Assembly	Friction Code FF
4A	041-058-01	4	Lining - Brake Block Cam	(FMSI 4515 D)
4B	041-059-01	4	Lining - Brake Block Anchor	(FMSI 4515 D)
5	014-065-00	4	Roller	
6	071-122-00	4	Retainer - Roller	
7	046-096-00	2	Spring - Shoe Retractor	Orange Color
8	056-018-00	4	Retainer Pin - Retractor Spring	
9	046-097-00	4	Spring - Shoe Keeper	Orange Color
10	005-096-00	2	Washer - Camshaft	.120 thick
11	010-052-00	4	Grease Seal	
12	014-056-00	2	Bushing - Camshaft Spider	Nylon
13	005-097-00	2	Washer	
13A	005-134-00	2	Washer - Camshaft Slack Adjuster End	For 28-spline Camshafts only
14	069-020-00	2	Snap Ring	
14A	069-078-00	2	Retainer - Camshaft Slack Adjuster End	For 28-spline Camshafts only
15	014-058-00	2	Bushing - Camshaft Support	Nylon
16	034-xxx-xx	2	Camshaft LH/RH	See Camshaft section for options
ns	055-039-00	2	Slack Adjuster - Manual	1.46 x 28-spline
17	055-040-98	2	Slack Adjuster Straight Automatic 1.46 x 28-spline 6" arm	Boxed kit includes clevis, pins, gage, and instructions
18	006-114-00	2	Nut - Inner Spindle Bearing	
19	005-098-00	2	Lock Washer - Indexing	
20	005-099-00	2	Lock Washer - Tab	
21	006-115-00	2	Nut - Outer Spindle	
22	061-006-00	2	Grease Fitting 65°	
23A	034-xxx-xx	2	Air chamber Assembly (includes item 23E, 23F)	See Air Chamber section for options
ns	055-057-00	2	Clevis for manual slacks only	Clevis, Clevis Pin & Cotter Pin for Manual Slacks
23E		4	Lock Washer - Air chamber Mounting (included in item 23A)	
23F		4	Nut - Air Chamber Mounting (included in item 23A)	
24	024-100-00	2	Sensor block	
25	097-002-00	2	Retainer Clip	
26	097-003-00	2	ABS Sensor, 90°	Haldex
	097-007-00	2	ABS Sensor, 90°	Meritor - Wabco

* Not for individual resale

xx - See Camshaft section for part number that varies by length

Tandem Air System

Two Reservoir – Two Valve System



NOTE: ITEMS 10 AND 11 SHOULD BE PLACED ON THE AXLES WITH THE GREATEST LIKELIHOOD OF WHEEL LOCK.

SUPPLY---------- (1/2 OD)
CONTROL--------- (3/8 OD)
DELIVERY-------- (1/2 ID)
PARK------------ (1/2 ID)
WIRING HARNESS

AIR BRAKE COMPONENTS AND SYSTEM SCHEMATIC ARE DESIGNED TO ALLOW COMPLIANCE WITH FMVSS 121 DOCKET 90-3.

THIS SCHEMATUC IS FOR INFORMATIONAL PURPOSES ONLY. IT IS THE VEHICLE MANUFACTUREERS ULTIMATE RESPONSIBILITY TO CERTIFY THEIR SYSTEM MEETS ALL APPLICABLE REGULATIONS.

PIPE NIPPLES USED TO MOUNT BRAKE VALVES MUST BE HEAVY WALL TYPE PER SAE J514.

ITEM	DESCRIPTION	QTY.
1	SLACK ADJUSTER	4
2	SPRING BRAKE	4
3	RESERVOIR	2
4	RT4 VALVE 70 PSI	1
5	ABS VALVE	1
6	GLADHAND SERVICE/CONTROL	1
7	7-WAY CONNECTOR	1
8	ECU	1
9	GLADHAND EMERGENCY/SUPPLY	1
10	EXCITER RING	2
11	SENSOR	2
12	DRAIN COCK	2

TANDEM AXLE INSTALLATION SYSTEM FOR HALDEX MODEL 2S / 1M

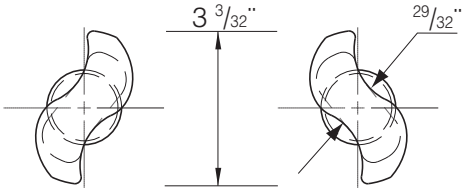
Note: This schematic is for reference only. If your system is configured differently or you have a different supplier's part numbers, consult with the authorized supplier for proper use, location and installation of your components.

Small S Head Hi-Rise

28 Spline

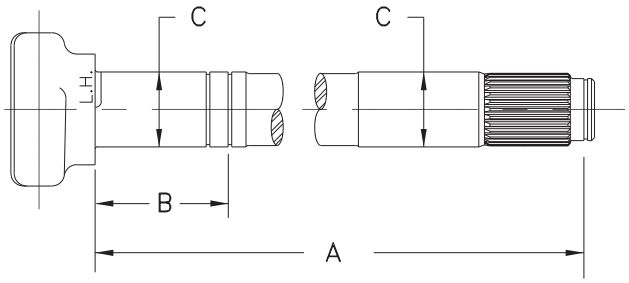
Part Number		A	B	C
LH	RH			
034-188-00	034-189-00	21.125	2.219	For 1.50 diameter shaft*
034-188-01	034-189-01	16.375	2.219	For 1.50 diameter shaft*
034-188-03	034-189-03	22.312	2.219	For 1.50 diameter shaft*
034-188-04	034-189-04	20.312	2.219	For 1.50 diameter shaft
034-188-05	034-189-05	23.375	2.219	For 1.50 diameter shaft
034-188-06	034-189-06	30.000	2.219	For 1.50 diameter shaft
034-188-07	034-189-07	29.000	2.219	For 1.50 diameter shaft
034-188-08	034-189-08	19.500	2.219	For 1.50 diameter shaft
034-188-09	034-189-09	26.500	2.219	For 1.50 diameter shaft
034-188-10	034-189-10	7.437	2.219	For 1.50 diameter shaft
034-188-11	034-189-11	24.625	2.219	For 1.50 diameter shaft

* No extra charge for these lengths



Right Hand Left Hand

Viewed from head end



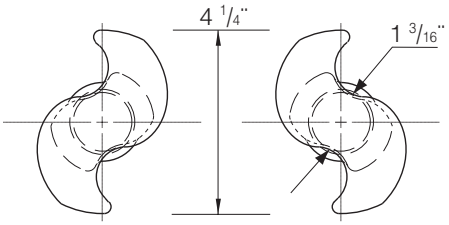
S Head Camshafts

Large S Head Hi-Rise

28 Spline

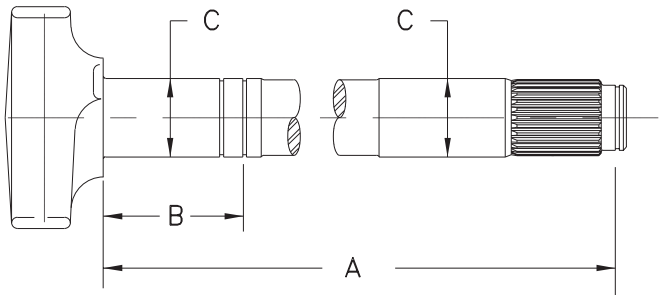
Part Number		A	B	C
LH	RH			
034-192-00	034-193-00	16.625	2.219	For 1.50 diameter shaft*
034-192-01	034-193-01	20.375	2.219	For 1.50 diameter shaft
034-192-02	034-193-02	30.000	2.219	For 1.50 diameter shaft
034-192-03	034-193-03	23.438	2.219	For 1.50 diameter shaft*
034-192-04	034-193-04	26.500	2.219	For 1.50 diameter shaft
034-192-05	034-193-05	22.625	2.219	For 1.50 diameter shaft
034-192-06	034-193-06	19.500	2.219	For 1.50 diameter shaft
034-192-07	034-193-07	29.000	2.219	For 1.50 diameter shaft
034-192-08	034-193-08	25.000	2.219	For 1.50 diameter shaft
034-192-09	034-193-09	28.000	2.219	For 1.50 diameter shaft
034-192-10	034-193-10	24.375	2.219	For 1.50 diameter shaft
034-192-11	034-193-11	7.438	2.219	For 1.50 diameter shaft

* No extra charge for these lengths

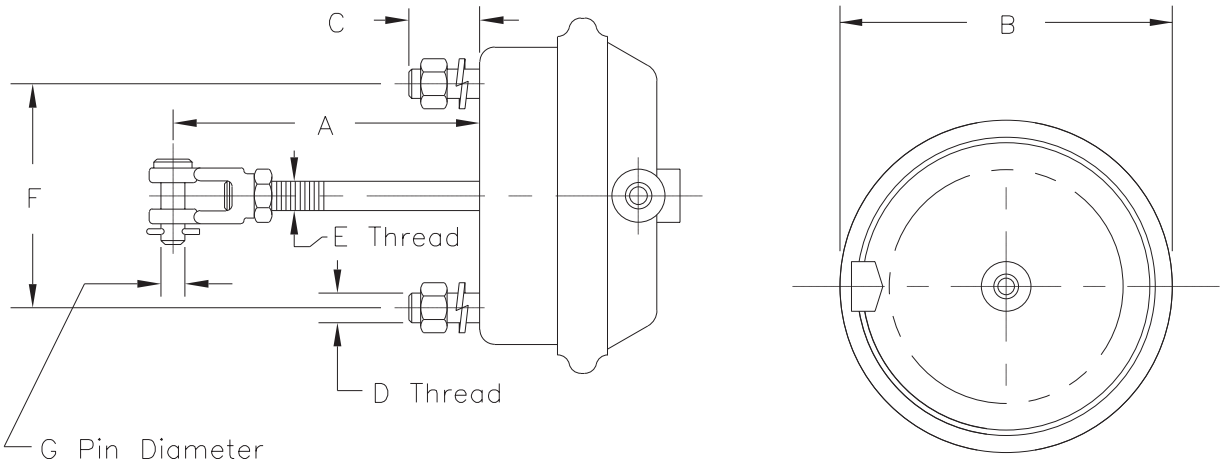


Right Hand Left Hand

Viewed from head end



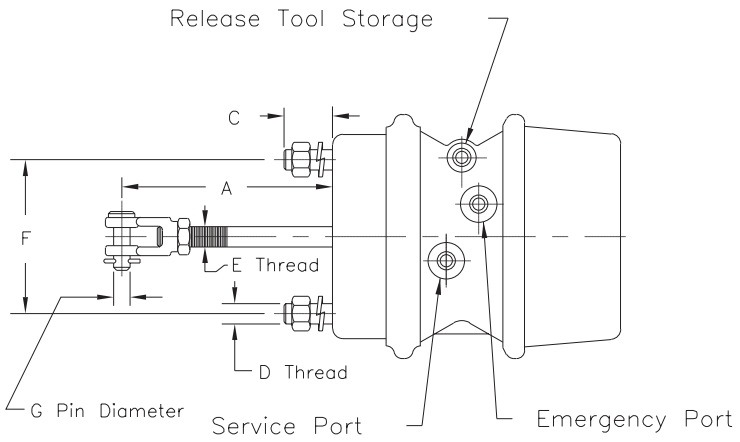
Service Air Chambers

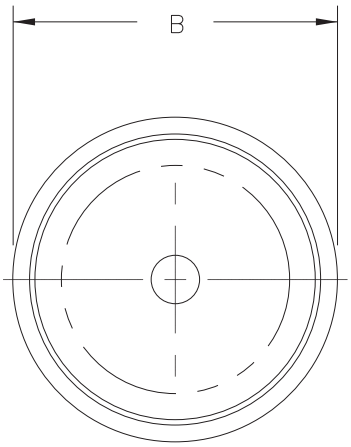


Part Number	Size	A	B	C	D	E	F	G	Recommended Application
034-260-07	Type 20	5.62	7.00	1.25	5/8-11	5/8-18	4.75	.50	12 1/4" Brake with Tramec Angled Automatic Slack
034-260-08	Type 20	6.38	7.00	1.25	5/8-11	5/8-18	4.75	.50	12 1/4" Brake with Straight Manual Slack
034-059-01	Type 24	7.00	7.50	1.25	5/8-11	5/8-18	4.75	.50	Optional 16 1/2" Brake
034-059-07	Type 24	5.62	7.50	1.25	5/8-11	5/8-18	4.75	.50	12 1/4" Brake with Tramec Angled Automatic Slack
034-059-08	Type 24	6.38	7.50	1.25	5/8-11	5/8-18	4.75	.50	12 1/4" Brake with Straight Manual Slack
034-057-01	Type 30	7.00	8.50	1.25	5/8-11	5/8-18	4.75	.50	Standard 16 1/2" Brake
034-057-07	Type 30	5.62	8.50	1.25	5/8-11	5/8-18	4.75	.50	12 1/4" Brake with Tramec Angled Automatic Slack
034-057-08	Type 30	6.38	8.50	1.25	5/8-11	5/8-18	4.75	.50	12 1/4" Brake with Straight Manual Slack

Note: Clevis assembly NOT included with air chamber. See brake section for Clevis kits.

Spring Brake Air Chambers



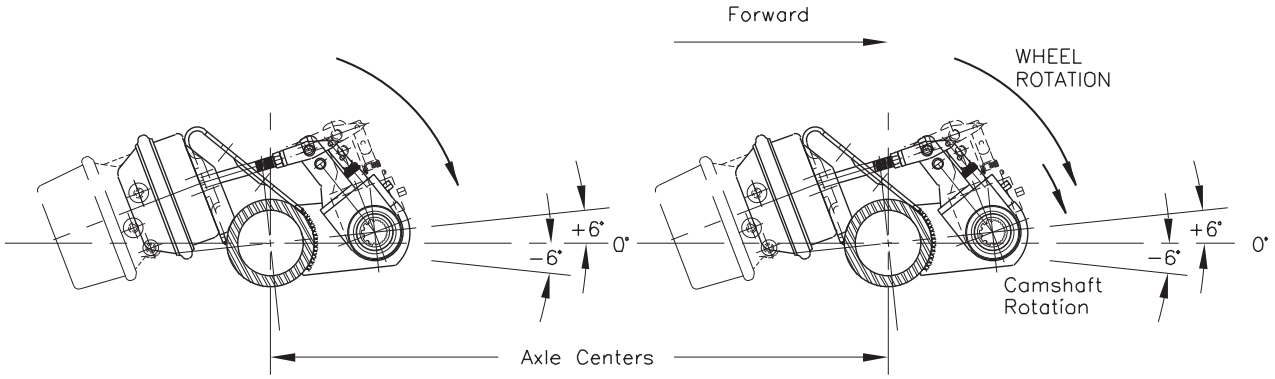


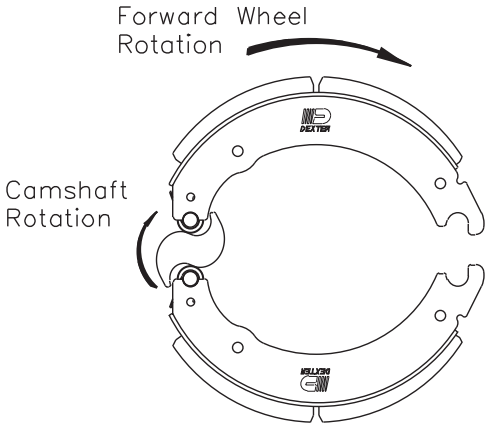
Part Number	Size	A	B	C	D	E	F	G	Recommended Application
034-261-07	Type 20-24	5.62	7.53	1.25	5/8-11	5/8-18	4.75	.50	12 1/4" Brake with Tramec Angled Automatic Slack
034-261-08	Type 20-24	6.38	7.53	1.25	5/8-11	5/8-18	4.75	.50	12 1/4" Brake with Straight Manual Slack
034-060-01	Type 24-30	7.00	7.50	1.25	5/8-11	5/8-18	4.75	.50	Optional 16 1/2" Brake
034-060-07	Type 24-30	5.62	7.50	1.25	5/8-11	5/8-18	4.75	.50	12 1/4" Brake with Tramec Angled Automatic Slack
034-060-08	Type 24-30	6.38	7.50	1.25	5/8-11	5/8-18	4.75	.50	12 1/4" Brake with Straight Manual Slack
034-058-01	Type 30-30	7.00	8.50	1.25	5/8-11	5/8-18	4.75	.50	Standard 16 1/2" Brake
034-058-07	Type 30-30	5.62	8.50	1.25	5/8-11	5/8-18	4.75	.50	12 1/4" Brake with Tramec Angled Automatic Slack
034-058-08	Type 30-30	6.38	8.50	1.25	5/8-11	5/8-18	4.75	.50	12 1/4" Brake with Straight Manual Slack

Note: Clevis assembly NOT included with air chamber. See brake section for Clevis kits.
Long stroke (2 1/2") spring brake air chambers are available.

Tandem Axle Configurations

Off-Road Applications



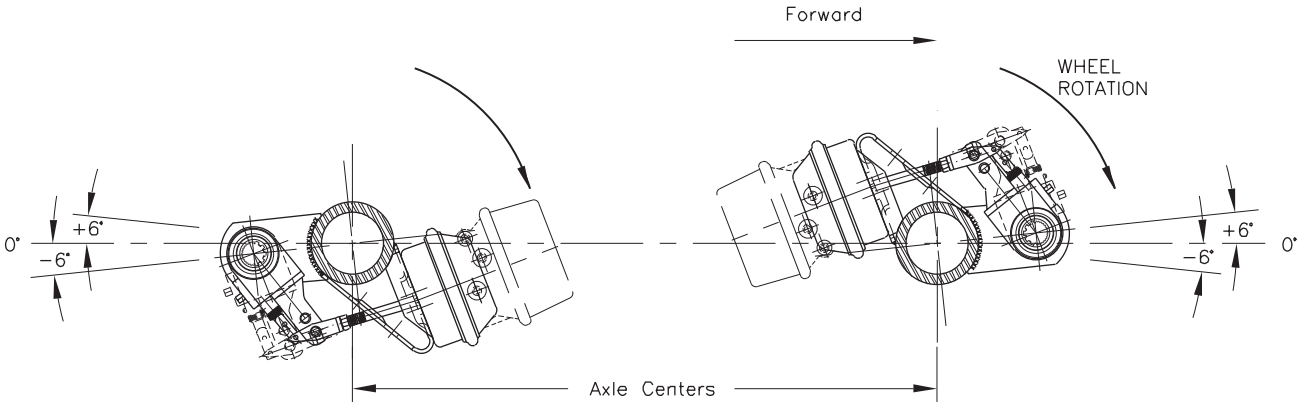


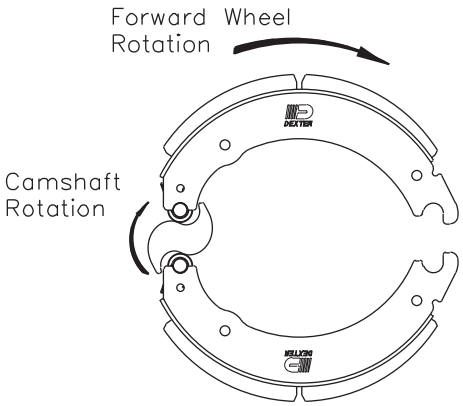
Note:

1. Position of air chambers as shown results in optimum clearances.
2. Use of equal length service lines is recommended.
3. To assure welds are within approved neutral axis zone quadrants, maximum rotation of camshaft position is +6° up to -6° down from 0° neutral axis.

Tandem Axle Configurations

Over-the-Highway Applications



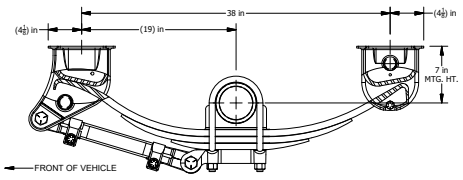


Note:

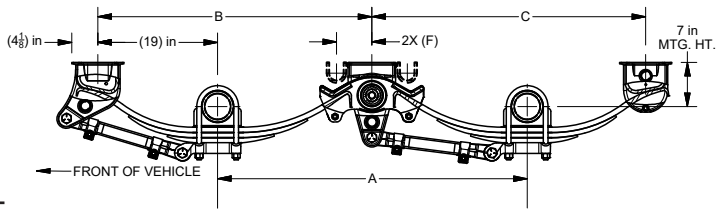
1. Position of air chambers as shown results in optimum clearances.
2. Use of equal length service lines is recommended.
3. To assure welds are within approved neutral axis zone quadrants, maximum rotation of camshaft position is +6° up to -6° down from 0° neutral axis.

HDSS Underslung

SINGLE



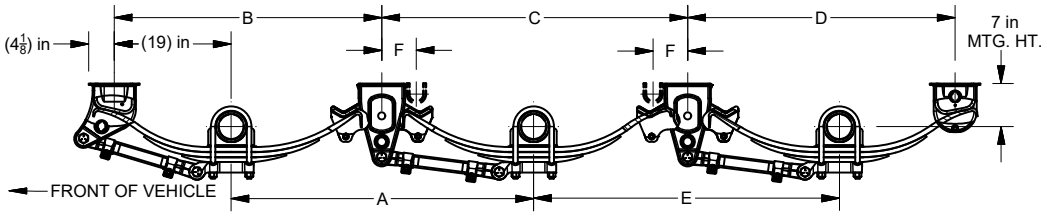
TANDEM



Front

Axle Spacing	A	B	C	F
49 in	49 3/16 in	43 1/2 in	43 1/2 in	N/A
54 in	54 7/32 in	46 1/32 in	46 7/32 in	8 3/8 in
60 in	60 7/32 in	49 1/32 in	49 7/32 in	11 15/32 in

TRIPLE



Axle Spacing	A	B	C	D	E	F
49 in	49 3/16 in	43 1/2 in	49 3/4 in	43 1/2 in	49 3/4 in	N/A
54 in	54 7/32 in	46 1/32 in	54 3/4 in	46 7/32 in	54 3/4 in	8 3/8 in
60 in	60 7/32 in	49 1/32 in	60 3/4 in	49 7/32in	60 3/4 in	11 15/32 in

10-25K Single Axle Kit Contents

Part No.	Qty	Description
028-082-05	2	Front Hanger
030-075-05	2	Rear Hanger
062-010-10	1	Track Rod Bushed Adj 19.25
062-011-10	1	Track Rod Bushed Fixed 19.25
007-169-00	4	Track Rod Bolt 1-8 x 5.50 UNC
006-278-00	4	Track Rod Locknut 1-8 UNC
033-091-00	2	Keeper Bolt Sleeve
007-294-00	2	Spring Keeper Bolt 5/8-18 x 4.50 UNF
006-126-00	2	Keeper Bolt Locknut 5/8-18 UNF
059-918-00	1	Instruction Sheet

10-25K Multi Axle Kit Contents

Part No.	Qty	Description	Axle Spacing
029-044-10	2	Center Hanger and EQ Assembly HAP-261-01	49"
062-010-10	1	Track Rod Bushed Adj 19.25	49"
062-011-10	1	Track Rod Bushed Fixed 19.25	49"
029-049-10	2	Center Hanger and EQ Assembly HAP-162-01	54"
062-010-54	1	Track Rod Bushed Adj 21.75	54"
062-011-54	1	Track Rod Bushed Fixed 21.75	54"
029-049-20	2	Center Hanger and EQ Assembly HAP-163-01	60"
062-010-60	1	Track Rod Bushed Adj. 24.75	60"
062-011-60	1	Track Rod Bushed Fixed 24.75	60"
007-169-00	4	Track Rod Bolt 1-8 x 5.50 UNC	-
006-278-00	4	Track Rod Locknut 1-8 UNC	-
033-091-00	4	Keeper Bolt Sleeve	-
007-294-00	4	Spring Keeper Bolt 5/8-18 x 4.50 UNF	-
006-126-00	4	Keeper Bolt Locknut 5/8-18 UNF	-
059-918-00	1	Instruction Sheet	-

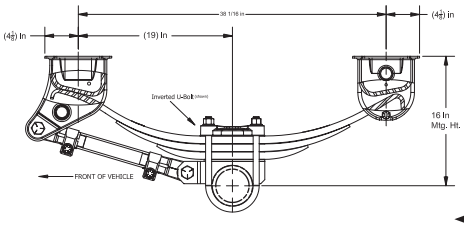
Suspension Kits

Order appropriate number of HAP kits for a complete suspension

	HDSS Underslung	
49"	**HAP-161-01**	**HAP-261-01**
Qty for Single	1	n/a
Qty for Tandem	1	1
Qty for Triple	1	2
54"	**HAP-161-01**	**HAP-162-01**
Qty for Single	1	n/a
Qty for Tandem	1	1
Qty for Triple	1	2
60"	**HAP-161-01**	**HAP-163-01**
Qty for Single	1	n/a
Qty for Tandem	1	1
Qty for Triple	1	2
OPTIONAL KITS - Per Axle		
HAP-166-00 Bump Stops (One Pair)		

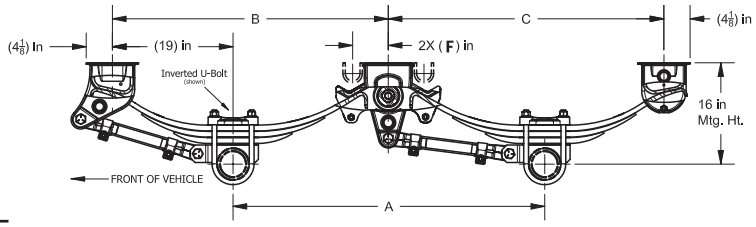
HDSS Overslung

SINGLE



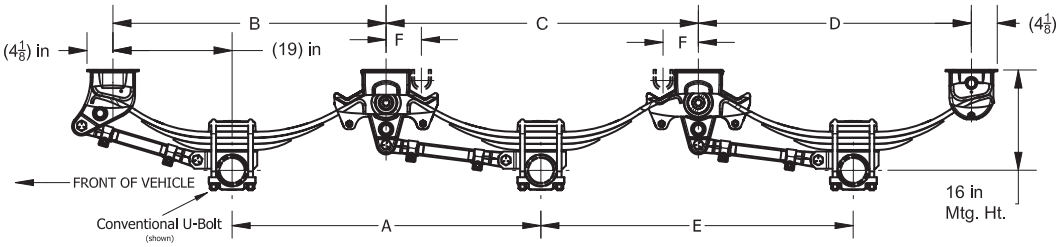
Front

TANDEM



Axle Spacing	A	B	C	F
49 in	49 in	43 ½ in	43 ½ in	5 5/8 in
54 in	54 3/16 in	46 1/16 in	46 in	8 3/8 in
60 in	60 3/16 in	49 1/16 in	49 in	11 7/16 in

TRIPLE



Axle Spacing	A	B	C	D	E	F
49 in	49 3/16 in	43 ½ in	49 3/4 in	43 ½ in	49 3/4 in	5 5/8 in
54 in	54 3/16 in	46 1/16 in	54 3/4 in	46 in	54 3/4 in	8 3/8 in
60 in	60 3/16 in	49 1/16 in	60 3/4 in	49 in	60 3/4 in	11 7/16 in

10-25K Single Axle Kit Contents

Part No.	Qty	Description
028-082-05	2	Front Hanger
030-075-05	2	Rear Hanger
062-010-10	1	Track Rod Bushed Adj 19.25
062-011-10	1	Track Rod Bushed Fixed 19.25
007-169-00	4	Track Rod Bolt 1-8 x 5.50 UNC
006-278-00	4	Track Rod Locknut 1-8 UNC
033-091-00	2	Keeper Bolt Sleeve
007-294-00	2	Spring Keeper Bolt 5/8-18 x 4.50 UNF
006-126-00	2	Keeper Bolt Locknut 5/8-18 UNF
059-918-00	1	Instruction Sheet

10-25K Multi Axle Kit Contents

Part No.	Qty	Description	Axle Spacing
029-044-10	2	Center Hanger and EQ Assembly HAP-261-01	49"
062-010-10	1	Track Rod Bushed Adj 19.25	49"
062-011-10	1	Track Rod Bushed Fixed 19.25	49"
029-049-10	2	Center Hanger and EQ Assembly HAP-162-01	54"
062-010-54	1	Track Rod Bushed Adj 21.75	54"
062-011-54	1	Track Rod Bushed Fixed 21.75	54"
029-049-20	2	Center Hanger and EQ Assembly HAP-163-01	60"
062-010-60	1	Track Rod Bushed Adj. 24.75	60"
062-011-60	1	Track Rod Bushed Fixed 24.75	60"
007-169-00	4	Track Rod Bolt 1-8 x 5.50 UNC	-
006-278-00	4	Track Rod Locknut 1-8 UNC	-
033-091-00	4	Keeper Bolt Sleeve	-
007-294-00	4	Spring Keeper Bolt 5/8-18 x 4.50 UNF	-
006-126-00	4	Keeper Bolt Locknut 5/8-18 UNF	-
059-918-00	1	Instruction Sheet	-

Suspension Kits

Order appropriate number of HAP kits for a complete suspension

	HDSS Overslung	
49"	**HAP-161-01**	**HAP-261-01**
Qty for Single	1	n/a
Qty for Tandem	1	1
Qty for Triple	1	2
54"	**HAP-161-01**	**HAP-162-01**
Qty for Single	1	n/a
Qty for Tandem	1	1
Qty for Triple	1	2
60"	**HAP-161-01**	**HAP-163-01**
Qty for Single	1	n/a
Qty for Tandem	1	1
Qty for Triple	1	2
OPTIONAL KITS - Per Axle		
HAP-164-01 Attaching Parts Kit - Inverted U-Bolts (Spring Seats, Tie Plates, and Attaching Hardware)		
HAP-165-01 Attaching Parts Kit - Conventional U-Bolts (Spring Seats, Tie Plates, and Attaching Hardware)		
HAP-166-00 Bump Stops (One Pair)		

Dexter Axle Limited Warranty

What Products Are Covered
All Dexter Axle Company ("Dexter") trailer axles, suspensions, and brake control systems manufactured on or after September 1, 2016, excluding Dexter 6000 series Manufactured Housing Axles. Additional exclusions include the following brands: UFP by Dexter, AL-KO (IAC), Titan Brakes and Actuators by Dexter, and BrakeRite by Dexter products, which are covered under separate warranties.

Limited 1 Year Warranty
As specified in Dexter's current publication "Operation Maintenance Service Manual", grease and oil seals FOR ALL PRODUCTS have a one (1) year limited warranty to the original purchaser from the date of first sale of the trailer incorporating such components. **Except as to grease and oil seals, the following four other warranties are available.**

Limited 2 Year Warranty
Dexter warrants to the original purchaser that its electric/hydraulic brake actuators shall be free from defects in material and workmanship for a period of two (2) years from the date of first sale of the trailer incorporating such components.

Limited 5 Year Warranty
Dexter warrants to the original purchaser that its axles, suspension systems and Genuine Replacement Parts shall be free from defects in material and workmanship for a period of five (5) years. The warranty period shall begin from the date of the original purchase of the trailer and/or Genuine Replacement Parts.

Limited 7 Year Warranty
Dexter warrants to the original purchaser that its Predator Series® electric brake controllers shall be free from defects in material and workmanship for a period of seven (7) years from the date of purchase.

Limited 10 Year Warranty
Dexter warrants to the original purchaser that the suspension components of its Torflex® axles shall be free from defects in material and workmanship for a period of ten (10) years from the date of first sale of the trailer incorporating such suspension components.

Exclusive Remedy
Dexter will, at its option, repair or replace the affected components of any defective axle, repair or replace the entire defective axle, or refund the lesser of the original purchase price and the then-current list price of the axle or components. In all cases, a reasonable time period must be allowed for warranty repairs to be completed. Allowance will only be made for installation costs specifically approved by Dexter.

What You Must Do
In order to make a claim under these warranties:

1. You must be the original purchaser of the trailer in which the sprung suspension axles or Torflex® axles or components were originally installed.
2. You must promptly notify Dexter after detection of any defect, but in any case within the applicable warranty period of such defect, and provide us with the axle or applicable component serial number and any substantiation of such defect which may include, but is not limited to, the return of part(s) that we may reasonable request.
3. The axles, suspensions and components must have been installed and maintained in accordance with good industry practice and any specific Dexter recommendations, including those specified in Dexter's current publication "Operation Maintenance Service Manual".

Exclusions
These warranties do not extend to and do not cover defects caused by:

1. The connecting of brake wiring to the trailer wiring or trailer wiring to the towing vehicle wiring.
2. The attachment of the running gear to the frame.
3. Parts not supplied by Dexter.
4. Any damage whatsoever caused by or related to any alteration of the axle including welding supplemental brackets to the axle.
5. Use of an axle on a unit other than the unit to which it was originally mounted.
6. Normal wear and tear.
7. Improper alignment.
8. Improper installation.
9. Unreasonable use (including failure to provide reasonable and necessary maintenance as specified in Dexter's current publication "Operation Maintenance Service Manual including required maintenance after "Prolonged Storage").
10. Improper torque values and torqueing of wheel nuts. (The proper torqueing procedure and torque values are contained in Dexter's current publication "Operation Maintenance Service Manual").
11. Cosmetic finish or corrosion.

Limitations
1. **In all cases, Dexter reserves the right to fully satisfy its obligations under the Limited Warranties by refunding the lesser of the original purchase price and the then-current list price of the defective axle (or, if the axle has been discontinued, of the most nearly comparable current product).**
2. Dexter reserves the right to furnish a substitute of replacement component or product in the event an axle or any component of the axle is discontinued or is otherwise unavailable.
3. These warranties are nontransferable.

General
THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES EXCEPT THAT OF TITLE, WHETHER WRITTEN, ORAL OR IMPLIED, IN FACT OR IN LAW (INCLUDING ANY WARRANTY AGAINST INFRINGEMENT OR OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE).

These warranties give you specific legal rights, and you may also have other rights which vary from state to state.

DEXTER HEREBY EXCLUDES INCIDENTAL AND CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF TIME, INCONVENIENCE, LOSS OF USE, TOWING FEES, TELEPHONE CALLS, COST OF MEALS OR LODGING, FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation if incidental or consequential damages, so the above exclusion or limitation may not apply to you.

Inquiries regarding these warranties should be sent to:

Dexter Axle Company
P.O. Box 250
Elkhart, IN 46515

Note: Current publication "Operation Maintenance Service Manual" can be found at **www.dexteraxle.com.**

Dexter Axle Video Gallery

In keeping with our continual commitment to industry safety and the development of innovative products, please feel free to view our ongoing video gallery at **www.dexteraxle.com/resources/videos** or scan the following QR codes with your smart phone. We are confident these videos will help educate and promote the Dexter product line that you, as our customer, are investing in.

Bearing Maintenance

E/H Actuator Installation

Electric Brakes

E-Z FLEX® Suspension

E-Z LUBE® System

Genuine Brakes

Genuine Replacement Parts

Leaf Spring Axles

Manual Bleed Hydraulic Disc

Medium Duty Axles

NEV-R-ADJUST® Brakes

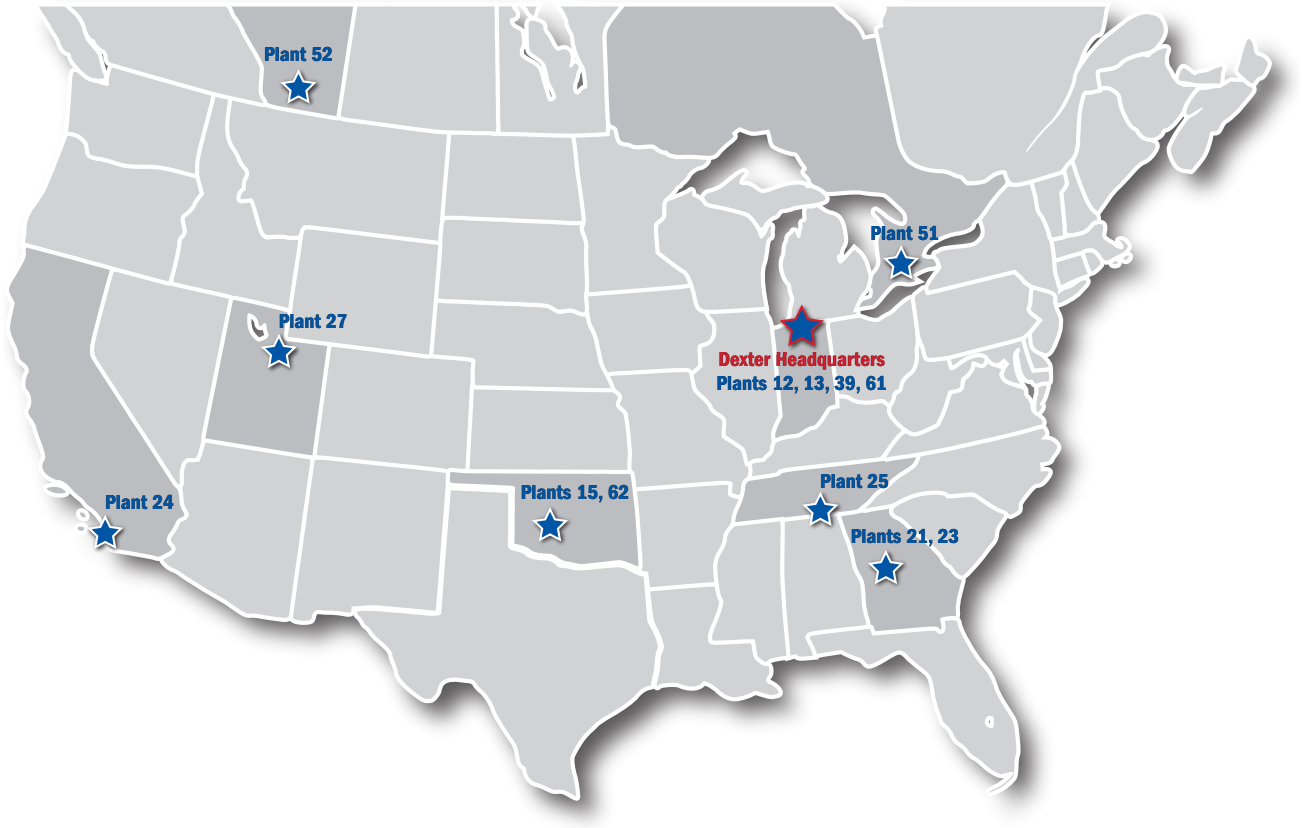
Power Bleed Hydraulic Disc

Removable Spindle

Sway Control

TORFLEX® Suspension Axles

Genuine Dexter axles and components are available nationwide from our plant locations listed below or through our network of distributors. Check our web site for the distributor nearest you.



Dexter - Headquarters

2900 Industrial Parkway East ■ Elkhart, Indiana 46516
Phone: 574-295-7888 ■ Fax: 574-295-8666
www.dexteraxle.com

Dexter - Plt 12
301 West Pearl Street
Fremont, Indiana 46737
Phone: 260-495-5100
Fax: 260-495-1701

Dexter - Plt 13
500 South 7th Street
Albion, Indiana 46701
Phone: 260-636-2195
Fax: 260-636-3030

Dexter - Plt 15
500 Southeast 27th Street
El Reno, Oklahoma 73036
Phone: 405-262-6700
Fax: 405-262-9089

Dexter - Plt 21
199 Perimeter Road
Monticello, Georgia 31064
Phone: 706-468-6495
Fax: 706-468-2966

Dexter - Plt 23
5600 Bucknell Drive SW
Atlanta, Georgia 30336
Phone: 404-477-6899
Fax: 470-443-1715

Dexter - Plt 24
135 Sunshine Lane
San Marcos, California 92069
Phone: 760-744-1610
Fax: 760-744-1616

Dexter - Plt 25
1041 Baxter Lane
Winchester, Tennessee 37398
Phone: 931-967-5101
Fax: 877-457-9861

Dexter - Plt 27
1845 South 300 West
Salt Lake City, UT 84115
Phone: 801-486-4916
Fax: 801-486-1711

Dexter - Plt 39
902 South Division Street
Bristol, Indiana 46507
Phone: 574-848-4491
Fax: 574-848-4825
www.ventline.com

Dexter - Plt 51
347 King Street West
Ingersoll, Ontario N5C 2K9
Phone: 226-242-5291
Fax: 226-444-0474
www.ingersollaxles.com

Dexter - Plt 52
5885 51 Street SE
Calgary, Alberta T2C 3V2
Phone: 587-323-8411
Fax: 587-327-0129

Dexter - Plt 61
21611 Protecta Drive
Elkhart, IN 46516
Phone: 574-294-6651
Fax: 574-295-6626

Dexter - Plt 62
301 North Kennedy Street
Shawnee, Oklahoma 74801
Phone: 405-273-9315
Fax: 405-273-1054

NO PART OF THIS CATALOG MAY BE REPRODUCED WITHOUT DEXTER'S PERMISSION.
ALL PART NUMBERS, DIMENSIONS AND SPECIFICATIONS IN THIS CATALOG ARE SUBJECT TO CHANGE WITHOUT NOTICE.

DEXKO GLOBAL



www.dexteraxle.com
2900 Industrial Parkway East ■ Elkhart, IN 46516
Phone: 574-295-7888 ■ Fax: 574-295-8666

ISO 9001:2015 Certified

2018.11

©1992 - 2018 Dexter Axle Company. LIT-121-00