## **11540 INSTALLATION INSTRUCTIONS**



YEARS: 2019-PRESENT

TIRT

MAKE: VOLKSWAGEN

**MODEL: JETTA** 

**STYLE: SEDAN** 

WARNING: NEVER EXCEED YOUR VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY For more information log onto www.curtmfg.com & for helpful towing tips log onto www.hitchinfo.com

### WEIGHT CARRYING:

SAFETY

GLASSES

SCAN FOR

MORE INFO

TRAILER WEIGHT:2,000LBS.TONGUE WEIGHT:200LBS.

PART REMOVAL

## WARNING:

ALL NON-TRAILER (WHEEL-LESS) LOADS APPLIED TO THIS PRODUCT MUST BE SUPPORTED BY 18050 STABILIZING STRAPS. PLEASE SEE THE CURT CATALOG OR VISIT US ONLINE AT WWW.CURTMFG.COM FOR FURTHER INFORMATION.

#### **PRO INSTALL TIME:** 35 MIN. INSTALLATION TIPS: **VEHICLE PHOTO: NOVICE INSTALL TIME: 70 MIN.** 1. BEFORE YOU BEGIN INSTALLATION, READ ALL INSTRUCTIONS THOROUGHLY. IF YOU ARE HESITANT TO UNDERTAKE 2. TO EASE INSTALLATION, 2 PEOPLE MAY BE THIS TASK ON YOUR OWN, CONTACT AN AUTHORIZED REOUIRED. CURT INSTALLER FOR ADDITIONAL ASSISTANCE. 3. USING PROPER TOOLS WILL GREATLY IMPROVE THE OUALITY OF THE INSTALL AND REDUCE THE TIME REQUIRED. **INSTALLATION REQUIRES:** 4. NEED HELP OR HAVE SOME OUESTIONS? CALL TECHNICAL SUPPORT AT 877.287.8634 6" LEVEL OF DIFFICULTY: MODERATE SOCKET TORQUE RATCHET MODERATE CHALLENGING EASY **EXTENSION** WRENCH **REPRESENTATIVE PHOTO 10mm** NO DRILLING REQUIRED 13mm 11/16" **HITCH ILLUSTRATION:** UTILITY **SCREW KNIFE FISHWIRING REQUIRED** DRIVER SOCKET **TRIM HEAT SHIELD AND** TRIM UNDERBODY PANEL TAPE AVIATION TORXBIT T27 SHEARS SOCKET MEASURE LOWER EXHAUST, UNDERBODY PANEL AND HEAT SHIELD

PERIODICALLY CHECK THIS RECEIVER HITCH TO ENSURE ALL FASTENERS ARE TIGHT AND ALL STRUCTURAL COMPONENTS ARE SOUND CURT Manufacturing LLC. warrants this product to be free of defects in material and/or workmanship at the time of retail purchase by the original purchaser. If the product is found to be defective, CURT Manufacturing LLC. may repair or replace the product at their option, when the product is returned, prepaid, with proof of purchase. Alteration to, misuse of, or improper installation of this product voids the warranty. CURT Manufacturing LLC.'s liability is limited to repair or replacement of products found to be defective, and specifically excludes liability for incidental or consequential loss or damage. For more information log onto www.curtmfg.com

This product complies with safety specifications and requirements for connecting devices and towing systems of the state of New York, V.E.S.C.Regulation V-5 and SAE J684.

MAKE SURE YOUR HITCH MATCHES

## INSTALLATION WALKTHROUGH:



For more information log onto www.curtmfg.com

1. Remove (3) screws with a T27 Torx bit and unthread (2) plastic nuts with a 10mm socket to remove the passenger side underbody panel if present.





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- 2. Remove (1) bolt with a 13mm socket from both of the exhaust hanger brackets over the muffler and support the exhaust. Remove (1) formed washer nut from forward underbody panel to allow the exhaust to drop further.





## **INSTALLATION WALKTHROUGH:**

- 3. Remove the heat shield by removing the (3) formed washer nuts. Mark on the heat shield where the hitch will mount and cut as needed for the fasteners to remain in position after heat shield is reinstalled. (see trim diagram for reference)
- 4. Fishwire (4) 7/16" carriage bolts and spacers supplied into position as shown through the access slot. Reinstall heat shield.





- HEAT SHIELD TRIM DIAGRAM
- 5. Place the hitch over the muffler and raise both back into position being careful not to push the carriage bolts into the frame rail. The rearward most exhaust hanger will be positioned in the notch on the side plate.





For more information log onto www.curtmfg.com

6. Loosely install the 7/16" hex flange nuts. Torque all 7/16" fasteners to 59 lb.-ft.





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- 7. Trim the passenger side underbody panel as needed and reinstall onto vehicle. (see trim diagram for reference) Reinstall exhaust hangers and forward formed washer nut.



UNDERBODY PANEL TRIM DIAGRAM



#### TOWING SAFETY INFORMATION

#### Gross Trailer Weight / GTW

The Gross Trailer Weight is the weight of the trailer & cargo. Measure this by putting the fully loaded trailer on a vehicle scale.



#### Tongue Weight / TW

The downward force that is exerted on the hitch ball by the coupler. The tongue weight will vary depending on where the load is positioned in relationship to the trailer axle(s). To measure the tongue weight, use either a commercial scale or a bathroom scale with the coupler at towing height. When using a bathroom scale with heavier tongue weights, use the method shown and multiply the scale reading by 3.



#### Weight Carrying / WC

The total weight of both the trailer and the cargo inside. Never exceed the weight capacity of your trailer hitch.

#### Weight Distribution / WD

Used to balance the weight of the cargo between the front and rear wheels throughout the trailer, allowing for better steering, braking, and level riding.



#### Sway Control

A device used to reduce the lateral movements of the trailer that are caused by the wind. This works in conjunction with a weight distribution hitch. Do not use this on a class 1 or 2 hitch, or with surge brakes.

#### How Much Can You Safely Tow?



#### Ball Mount

The ball mount is placed inside the opening of the receiver hitch which is mounted to the vehicle. Make sure a hitch pin and clip is properly securing the ball mount to the receiver hitch before you begin towing.

A: Rise. B: Drop. C: Hole Size. D: Length.



#### Trailer Ball

The connection from the hitch to the trailer. There are many factors that determine the correct hitch ball:

- Number one is the hitch ball's gross trailer weight rating.
- The mounting platform must be at least 3/8" thick.
- The hole diameter must not be more than 1/16" larger
- than the threaded shank. · Every time you tow, check the nut and lock washer to
- A: Ball Dia. B: Shank Length. C: Shank Dia. D: Shank Rise.

#### Coupler

The component that is placed over the trailer ball to connect the vehicle to the trailer. Be sure that the coupler size matches the size of the hitch ball and that the coupler handle is securely fastened. To determine what size hitch ball you need for your application you will need to know the size of coupler that is on the trailer. Be sure your coupler is properly adjusted to the ball you are using.

NOTE: For added security the use of safety devices such as Coupler Safety Pins and Locks is stronaly recommended.

#### Safety Chains

Safety chains are a requirement and should be crossed under the tongue of the trailer so that the tongue will not drop to the road if it becomes separated from the hitch. Always leave enough slack so you can turn. Never allow the safety chains to drag on the ground and never attach the chains to the bumper.

Trailer Classification: Safety Chain Breaking Force - Minimum Class 1: 2,000 lbs. (8.9 kN) Class 2: 3,500 lbs. (15.6 kN) Class 3: 5,000 lbs. (22.2 kN)

The strength rating of each length of safety chain or its equivalent and its attachments shall be equal to or exceed in minimum breaking force the GVWR (Gross Vehicle Weight Rating) of the trailer.

#### Electrical

Trailer lights, Electric Brakes, Break-away systems - Every time you tow, be sure to check that all components are working properly.

Wiring identification by color:





#### 11540 **VOLKSWAGEN JETTA** 8/20/2020 GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 2,000 LBS. TRAILER WEIGHT & 200 LBS. TONGUE WEIGHT. WARNING: ALL NON-TRAILER (WHEEL-LESS) LOADS APPLIED TO THIS PRODUCT MUST BE SUPPORTED BY 18050 STABILIZING STRAPS. WARNING: \*\* FAILURE TO PROPERLY SUPPORT NON-TRAILER LOADS WILL VOID PRODUCT WARRANTY \*\* WARNING: \*\*\* DO NOT EXCEED VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY FOR MORE INFORMATION LOG ONTO WWW.CURTMFG.COM HAVING INSTALLATION QUESTIONS? CALL TECHNICAL SUPPORT AT 877-287-8634 Parts List TOOLS REQUIRED ACCESS HOLE (BOTH SIDES) ITEM QTY PART NUMBER DESCRIPTION **TORQUE WRENCH** 10-10282 BOLT,CAR,7/16-14 UNC,1-1/2,GRD8,YZ PASSENGER SIDE 1 4 RATCHET FRAME RAIL **6" EXTENSION** 2 4 20-00103 NUT, SER-FLANGE, 7/16-14 UNC, GRD8, YZ 10mm, 13mm, 11/16" SOCKETS 4 CM-SP2 .250 x .88 x 2.25" SQUARE HOLE SPACER 3 SCREW DRIVER 4 4 7 16 FISHWIRE 7/16" FISHWIRE **KNIFE AVIATION SHEARS T27 TORX BIT** TAPE MEASURE SAFETY GLASSES 1 **DRIVER SIDE FRAME RAIL** 3 UNDERBODY PANEL TRIM DIAGRAM **EURO MOUNT OPTIONS AVAILABLE** # 45571 (1 7/8" BALL) # 45572 (2" BALL) 6.5 2 HEAT SHIELD TRIM DIAGRAM **FISHWIRE TECHNIQUE** INSERT COILED END OF FISHWIRE TOOL THROUGH **DESIGNED FOR USE WITH** HITCH MOUNTING HOLE IN VEHICLE FRAME RAIL HITCH WEIGHT: 32 LBS. AND OUT THE ACCESS HOLE. PASS COILED **BALL MOUNT # 45521** END OF FISHWIRE THROUGH SPACER AND INSTALL TIME THREAD BOLT INTO COIL. KINK WIRE PROFESSIONAL: 35 MINUTES TO KEEP SPACER SEPARATE FROM BOLT AS SHOWN. PULL ACCESS NOVICE (DIY): 70 MINUTES HOLE FISHWIRE, SPACER, AND BOLT THROUGH FRAME

**INSTALL NOTES:** - FISHWIRE HARDWARE

AND OUT MOUNTING HOLE. MOUNTING **USE FISHWIRE TO GUIDE** HOLE



HITCH DURING MOUNTING AND PREVENT LOSS OF BOLT SPACER INSIDE FRAME RAIL. \*\*NOTE: SOME VEHICLES MAY FISHWIRE THROUGH END OF FRAME\*



# **INSTALLATION STEPS**

- 1. Remove (3) screws with a T27 Torx bit and unthread (2) plastic nuts with a 10mm socket to remove the passenger side underbody panel if present.
- 2. Remove (1) bolt with a 13mm socket from both of the exhaust hanger brackets over the muffler and support the exhaust. Remove (1) formed washer nut from forward underbody panel to allow the exhaust to drop further.
- 3. Remove the heat shield by removing the (3) formed washer nuts. Mark on the heat shield where the hitch will mount and cut as needed for the fasteners to remain in position after heat shield is reinstalled. (see trim diagram for reference)
- 4. Fishwire the (4) 7/16" carriage bolts and spacers supplied into position as shown through the access slot. Reinstall the heat shield.
- 5. Place the hitch over the muffler and raise both back into position being careful not to push the carriage bolts into the frame rail. The rearward most exhaust hanger will be positioned in the notch on the side plate.
- 6. Loosely install the 7/16" hex flange nuts. Torque all 7/16" fasteners to 59 lb.-ft.
- 7. Trim the passenger side underbody panel as needed and reinstall onto vehicle. (see trim diagram for reference) Reinstall exhaust hangers and forward formed washer nut.



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