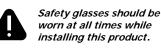
# 13116 INSTALLATION INSTRUCTIONS

**INSTALLATION TIPS:** 



YEARS: 2011-PRESENT

MAKE: VOLKSWAGEN / PORSCHE

**MODEL: TOUAREG / CAYENNE** 

**STYLE: SUV** 

#### WARNING: NEVER EXCEED YOUR VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY

WARNING:

WEIGHT CARRYING:

T-15. T-25 & T-30

TORXBIT SOCKET

TORQUE

WRENCH

SAFETY **GLASSES** 

TRAILER WEIGHT: 7,500 LBS. **TONGUE WEIGHT:** 750 LBS.

WE RECOMMEND THE USE OF 18050 STABILIZING STRAPS FOR ALL NON-TRAILER (WHEEL-LESS) LOADS. PLEASE SEE THE CURT CATALOG OR VISIT US ONLINE AT WWW.CURTMFG.COM FOR FURTHER INFORMATION.

#### **INSTALLATION TIME:** 75 MIN.

THE INSTALL TIME LISTED IS FOR PROFESSIONAL INSTALLERS. IF YOU ARE HESITANT TO UNDERTAKE THIS TASK ON YOUR OWN, CONTACT AN AUTHORIZED CURT INSTALLER FOR ADDITIONAL ASSISTANCE.

SOCKET

**SMALL PUNCH** 

# **INSTALLATION REQUIRES:**

11mm 18mm

RATCHET

FLAT HEAD

## 1. BEFORE YOU BEGIN INSTALLATION, READ ALL

- INSTRUCTIONS THOROUGHLY.
- 2. TO EASE INSTALLATION, 2 PEOPLE MAY BE REOUIRED
- 3. USING PROPER TOOLS WILL GREATLY IMPROVE THE QUALITY OF THE INSTALL AND REDUCE THE TIME REQUIRED.
- 4. NEED HELP OR HAVE SOME QUESTIONS? CALL TECHNICAL SUPPORT AT 800.798.0813

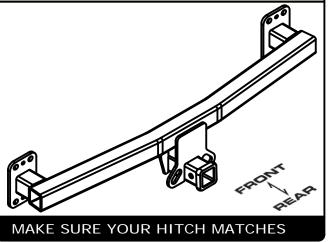
# LEVEL OF DIFFICULTY: CHALLENGING MODERATE CHALLENGING EASY NO DRILLING REQUIRED BUMPER COVER SCREW DRIVER **REMOVAL** PART REMOVAL HITCH REPLACES **BUMPER BEAM** PART REMOVAL

#### VEHICLE PHOTO:



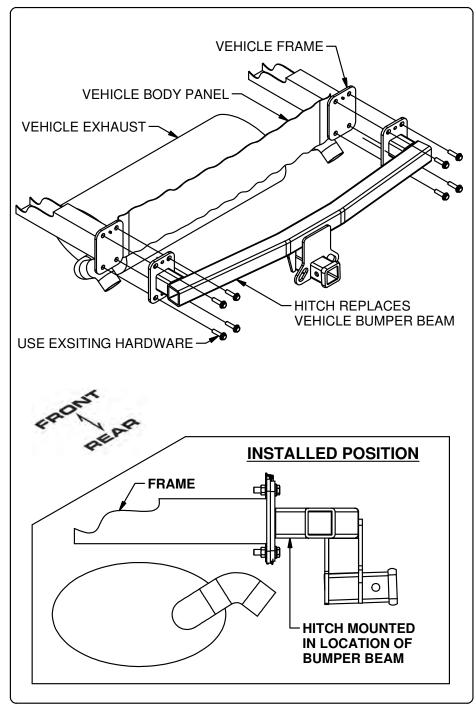
#### REPRESENTATIVE PHOTO

**HITCH ILLUSTRATION:** 



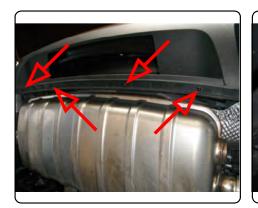
PERIODICALLY CHECK THIS RECEIVER HITCH TO ENSURE ALL FASTENERS ARE TIGHT AND ALL STRUCTURAL COMPONENTS ARE SOUND CURT Manufacturing LLC. warrants this product to be free of defects in material and/or workmanship at the time of retail purchase by the original purchaser. If the product is found to be defective, 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, & for helpful towing tips log onto www.hitchinfo.com



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1. Remove (4) torx head fasteners which attach bottom rear portion of bumper cover to vehicle.





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  - Remove mud flap from behind each rear tire by unfastening (5) torx head screws from each. Note: Underside fasteners have a nut attached.

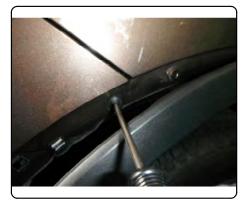




3. Remove fastener which holds wheel well trim to fascia. Carefully pop off wheel well trim. **Note:** Only the rear half of the trim needs to be removed.



4. Remove (4) torx head fasteners from under wheel well trim.





For more information log onto <u>www.curtmfg.com</u>, & for helpful towing tips log onto <u>www.hitchinfo.com</u>

5a. On VW Touareg remove the vehicle tail lights by loosening nut from inside vehicle using a 11mm socket. Driver side nut is accessible through circular plastic clip and the passenger side through rectangular clip. Carefully slide the light out and unfasten the electrical clip. See step 5b for Porsche Cayenne tail light removal





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5b. On Porsche Cayanne remove the vehicle tail lights by taking of the panel shown on the photo. Then remove the panel cover to reveal the nuts on the inside of the tail light. Remove the nuts and carefully slide out the light and unfasten the electrical clip.





 Remove (2) torx head fasteners and (1) push fastener from each side. These are now accessible due to tail light removal. Note: Use a small punch or equivalent to push the center of push fastener down then pry up.





7. Carefully remove bumper cover. Pop sides off first, then pull straight back.



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 Remove foam insert. Remove bumper beam by unfastening (8) M12 bolts. These bolts will be used to install the hitch. Return bumper beam to vehicle owner.





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  - Install the hitch using the M12 bolts removed in step 8.
    Foam insert can be discarded or trimmed and reinstalled. Note: Trim foam so it loosely fits into position.





10. Torque all 12M fasteners to 82 ft-lbs and reinstall all components removed in steps 1-7



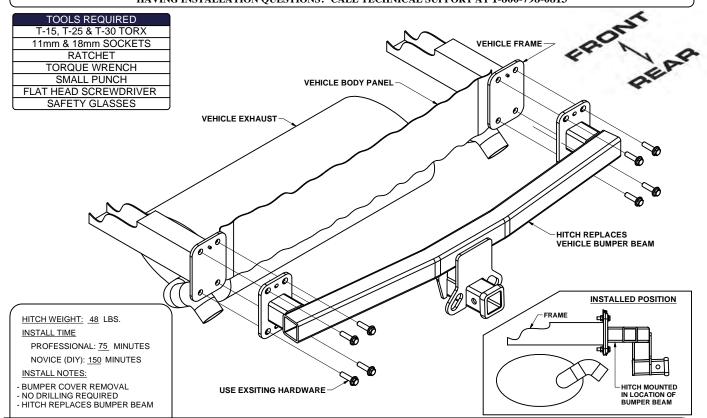
# VOLKSWAGEN TOUAREG / PORSCHE CAYENNE

#### 12/4/2014

13116

GROSS LOAD CAPACITY WHEN USED AS A WEIGHT CARRYING HITCH: 7,500 LBS. TRAILER WEIGHT & 750 LBS. TONGUE WEIGHT. \*\*\*DO NOT EXCEED VEHICLE MANUFACTURER'S RECOMMENDED TOWING CAPACITY.\*\*\* WARNING: ALL NON-TRAILER LOADS APPLIED TO THIS PRODUCT MUST BE SUPPORTED BY AUXILIARY STABILIZING STRAPS.

WARNING: ALL NON-TRAILER LOADS APPLIED TO THIS PRODUCT MUST BE SUPPORTED BY AUXILIARY STABILIZING STRAPS. \*\* FAILURE TO PROPERLY SUPPORT NON-TRAILER LOADS WILL VOID PRODUCT WARRANTY\*\* HAVING INSTALLATION QUESTIONS? CALL TECHNICAL SUPPORT AT 1-800-798-0813



## **INSTALLATION STEPS**

- 1. Remove (4) torx head fasteners which attach bottom rear portion of bumper cover to vehicle.
- 2. Remove mud flap from behind each rear tire by unfastening (5) torx head screws from each. **Note:** Underside fasteners have a nut attached. Remove fastener which holds wheel well trim to fascia.
- 3. Carefully pop off wheel well trim. Note: Only the rear half of the trim needs to be removed.
- 4. Remove (4) torx head fasteners from under wheel well trim.
- 5a. On VW Touareg remove the vehicle tail lights by loosening nut from inside vehicle using a 11mm socket. Driver side nut is accessible through circular plastic clip and the passenger side through rectangular clip. Carefully slide the light out and unfasten the electrical clip. See step 5b for Porsche tail light removal.
- 5b. On Porsche Cayanne remove the vehicle tail lights by taking of the panel on the left side of the light. Then remove the panel cover to reveal the nuts on the inside of the tail light. Remove the nuts and carefully slide out the light and unfasten the electrical clip.
- 6. Remove (2) torx head fasteners and (1) push fastener from each side. These are now accessible due to tail light removal. **Note:** Use a small punch or equivalent to push the center of push fastener down then pry up.
- 7. Carefully remove bumper cover. Pop sides off first, then pull straight back.
- 8. Remove foam insert. Remove bumper beam by unfastening (8) M12 bolts. These bolts will be used to install the hitch. Return bumper beam to vehicle owner.
- 9. Install the hitch using the M12 bolts removed in step 8. Foam insert can be discarded or trimmed and reinstalled. **Note:** Trim foam so it loosely fits into position.
- 10. Torque all 12M fasteners to 82 ft-lbs and reinstall all components removed in steps 1-7

#### PERIODICALLY CHECK THIS RECEIVER HITCH TO ENSURE THAT ALL FASTENERS ARE TIGHT AND THAT ALL STRUCTURAL COMPONENTS ARE SOUND.

Curt Manufacturing Inc., 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 Inc., 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 Inc.'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.