



www.stealthhitches.com 833-694-4824

HITCH INSTALLATION INSTRUCTIONS

MAKE: BMW	YEARS: 2011-2017 2011-2017 2015-2018 2015-2018	MODEL/TRIM: X3 - 28i s/xDrive X3 - 35i xDrive X4 - 28i xDrive X4 - 35i xDrive	NOTE: Tow kit with Active wiring harness not available on X3 vehicle models between 2011-2014.
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RACK RECEIVER KIT#: **SHR31017**

COMPATIBLE WITH TOW KITS: **SHT25015 & SHT25016A**

2" RACK RECEIVER MAXIMUM PAYLOAD: 600 LBS
MAXIMUM TOW RATING: 6000 LBS
MAXIMUM TONGUE WEIGHT: 600 LBS



UNDER VEHICLE TRIMMING:

HEAT SHIELD: **NO**
 FASCIA: **NO**
 GRAVEL GUARD TRIMMING: **YES**

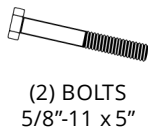
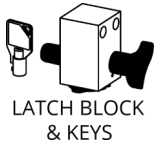


READ ALL INSTRUCTION WARNINGS AND LABELS

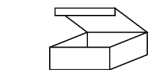


NO WELDING, METAL DRILLING OR VISIBLE TRIMMING REQUIRED

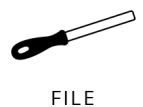
PARTS SUPPLIED WITH RACK RECEIVER KIT:



ADDITIONAL PARTS FOR TOW KIT:



TOOLS REQUIRED:



ADDITIONAL TOOLS FOR ACTIVE & PASSIVE TOW KITS:



ADDITIONAL TOOLS FOR PASSIVE TOW KIT:



RACK RECEIVER INSTALLATION: USE STEPS 1-18, & 48-51
PASSIVE TOW KIT INSTALLATION: USE STEPS 1-30, & 42-51
ACTIVE TOW KIT INSTALLATION: USE STEPS 1-26, & 31-51

NOTICE: If installing an ACTIVE tow kit, the vehicle must be programmed before trailer lights will function, see notice on Page 3.

<THESE INSTRUCTIONS MUST BE GIVEN TO THE END USER>

NOTICE: Installation of Stealth products may or may not require the addition of a wiring harness to the vehicle.

- The Rack Receiver only product does not require adding a wiring harness.
- The Rack Receiver plus Tow Kit requires the addition a wiring harness that is compatible with the vehicle's wiring. Depending on the vehicle, the harness will be one of two types, "Active" or "Passive." The wiring section of the instructions will indicate which wiring harness style is being used and how to install it.
- The **Active Harness** plugs into the vehicle's existing wiring so that the vehicle's computer can communicate with the trailer harness wiring and receive information from it. This allows certain functions such as cameras or backup alarms to continue to operate as designed. The active harness requires reprogramming of the vehicle's computer before the trailer wiring can be used. ***This programming must be taken into account when planning the timing of the Stealth product install. The programming process should be started before the installation of the parts. Please allow at least a week to make programming arrangements.***
- The **Passive Harness** is independent of the vehicle's computer and communication system. This type of harness gets its power directly from the battery. It "reads" the output of the vehicle's lights and translates that to the trailer without being connected to the computer.

INSTALLATION NOTE: In most instances, these instructions will only outline disassembly of vehicle components. Re-installation of components will require the installer to retain vehicle hardware and work through disassembly instructions in reverse order. When installation is complete, double check that all vehicle components have been replaced and are secured.

IMPORTANT SAFETY NOTICE FOR STEALTH HITCH INSTALLERS AND CUSTOMERS.

Read all installation and operating instructions along with all labels before installing or using this product. Do not perform any installation or towing procedures without fully understanding the correct tools and actions for all steps. Call for support if needed.

⚠ WARNING Failure to comply with the safety information in these instructions could result in serious injury or death.

- ⚠ Do not modify this product in any manner. Doing so could alter its integrity and lead to a loss of attachment between the trailer and the tow vehicle.
- ⚠ Adding Stealth hitch components to the chassis of any vehicle can be hazardous. There is potential for unexpected combustion of fuel, electric shock, burns, shifting or falling of unstable vehicle, damage to vehicle, injury from tool usage and many other hazards. This installation must be completed by someone who is aware of the hazards involved. This person must be knowledgeable of proper safety procedures for a vehicle modification of this nature, and for usage of the equipment required to perform the installation.
- ⚠ Without proper knowledge, towing can be a dangerous activity. Understand all the risks involved with towing before proceeding. For information on towing safety, see "**The Trailer Handbook: A Guide to Understanding Trailer and Towing Safety**" from the National Association of Trailer Manufacturers, www.NATM.com and your trailer and tow vehicle manufacturer's owner's manual.
- ⚠ Do not exceed tow or tongue rating of coupler, tow or tongue rating of hitch, or tow or weight ratings of tow vehicle or trailer. See vehicle and trailer manufacturer information for ratings. Exceeding these ratings may cause damage to towing components or loss of attachment between the trailer and vehicle.
- ⚠ While installation is being performed, check for signs of damage or excessive corrosion. Do not install hitch components over vehicle parts that are broken or have compromised structural integrity.
- ⚠ This product was designed to fit vehicles in their original, "as manufactured" condition. Compatibility with vehicles having replacement parts, or other modifications is not guaranteed. Inspect vehicle for modifications before installation of this product.
- ⚠ Some accessories, like the rack receiver, are not rated for towing. Do not use any accessories without proper knowledge of their use.
- ⚠ A visual inspection of the hitch should be performed before each time you tow. Regularly check that all connections are secure, and that all bolted connections are at the correct torque specification. Check for cracks or damage to the hitch. Do not tow with the hitch if cracks or damage outside of normal wear is found. Towing with a hitch that has cracks or damage could result in damage to the tow vehicle, trailer, towing components and loss of attachment between the tow vehicle and trailer.
- ⚠ Stealth hitches are not compatible with any weight distribution or sway control products. Adding additional products to the trailer or chassis which modifies the function of the Stealth hitch may cause hitch failure.

NOTICE: Installation of hitch requires removal of vehicle parts and interaction with vehicular electronics. Before installation, check the condition of body panels and note any locations where panels are not flush. Check the electronic functions of the vehicle, such as: headlights, taillights, turn signals, cameras, backup sensors, Parking Distance Controller (PDC), foot activated cargo access, etc. It is the responsibility of the installer to restore the fit and function of the vehicle.

NOTICE: If installing an active wiring harness, your vehicle must be programmed. Arrangements can be made with Code My Car (585-496-4648). Please allow at least a week to make programming arrangements. Programming will require your vehicle to be connected to a computer and an internet connection. **Note:** A programming code is affixed to the control module and the programming cord which will be needed when contacting Code My Car. Additional programming changes may be available at time of programming. Arrangements can be made when contacting Code My Car.

GAIN ACCESS TO MOUNTING AREA



10mm
SOCKET

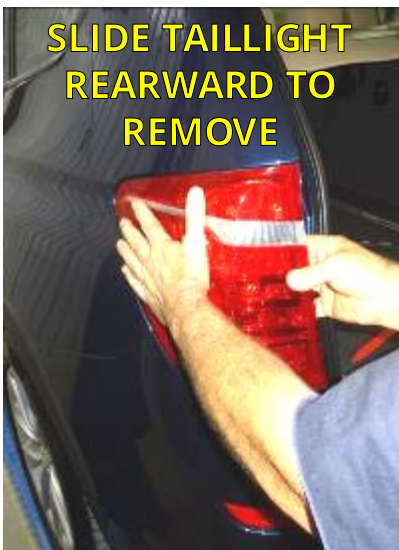


8mm
SOCKET

1. Remove the taillight cover. Use plastic pry tool to slide upward and remove.
2. Remove (2) nuts from taillight, with socket. Remove (1) screw from fascia.



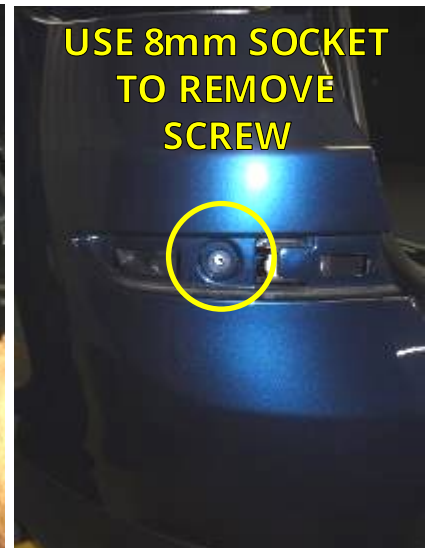
3. Remove taillight by sliding rearward.
4. Disconnect the light plug by pushing down on the clip and pulling the plug outward. Remove the light.



GAIN ACCESS TO MOUNTING AREA CONTINUED



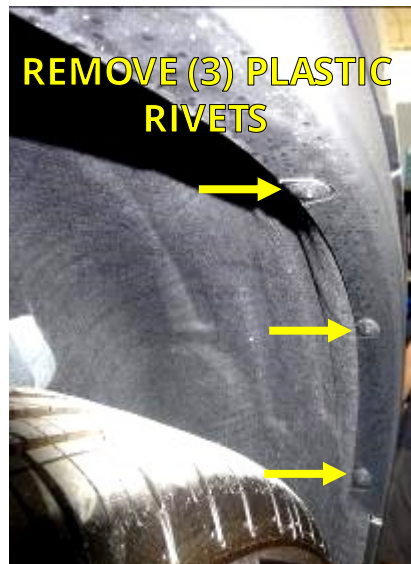
5. Starting on the side closest to the center of the vehicle, use a plastic pry tool to remove each reflector.
6. A screw, which is holding the fascia, will be exposed when the reflector is removed. Use a socket to remove the screw. Repeat Steps 1-6 on other side of vehicle.



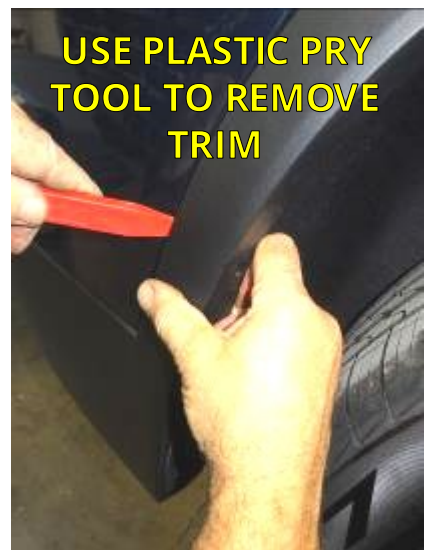
7. Locate the rivets inside the rear wheel wells. Use a 90 degree pick or a pry tool to remove (3) most rearward plastic rivets. The rivets secure the wheel well trim to the vehicle.

NOTE: Make sure not to damage the wheel well trim piece.

NOTE: Replacement plastic rivets are supplied.



8. To allow partial removal of the rear wheel well trim, clips (3) will need to be disconnected. Apply outward pressure on wheel well trim. Start with the bottom clip and work up. Push down on clips to disconnect. Use plastic pry tools on hard to reach clips.



GAIN ACCESS TO MOUNTING AREA CONTINUED



8mm
SOCKET

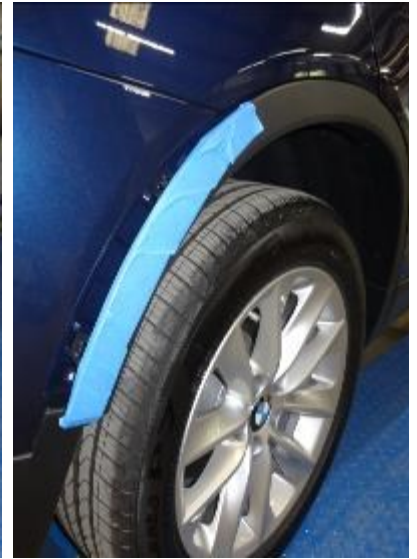


PAINTER'S TAPE

9. Behind the rear wheel well trim are (2) screws holding the fascia. Pull the trim away from vehicle to expose screws. Use a socket to remove screws. Repeat Steps 7-9 on other side of vehicle.

NOTE: To protect the trim from being scratched during the removal or replacement, cover it with painter's tape or something similar.

USE 8mm SOCKET TO REMOVE (2) SCREWS



8mm
SOCKET

10. From underneath the vehicle, use a socket to remove (10) screws from the bottom edge of the fascia.

NOTE: Some models and trim packages may vary.



USE 8mm SOCKET TO REMOVE (10) SCREWS



10mm
SOCKET

11. Remove (4) nuts to detach the gravel guard.

NOTE: Some models and trim packages may vary.

USE 10mm SOCKET TO REMOVE (4) NUTS



GAIN ACCESS TO MOUNTING AREA CONTINUED

12. Pull gravel guard down to remove.



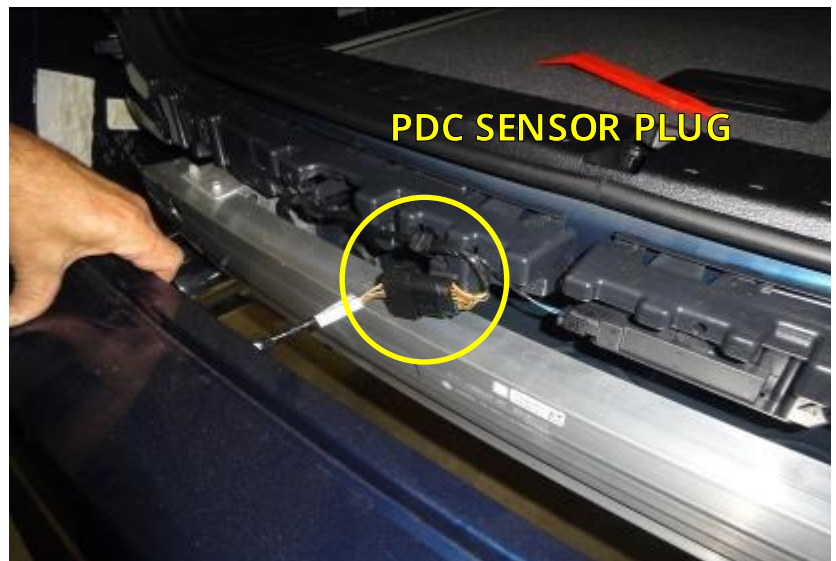
PLASTIC PRY TOOLS

13. The fascia is clipped to the vehicle body directly behind the wheel wells. Pull outward on the fascia to expose the first clip in the seam. With a plastic pry tool, push down on the exposed clip to disconnect. Continue to pull outward on the fascia and disconnect clips as they are exposed. Repeat on other side of vehicle.



90 DEGREE PICK

14. This step requires a partner. Pull the fascia rearward enough to access the PDC sensor plug. Press down on the clips to unplug the PDC sensor. In some cases a 90 degree pick tool will be needed to disconnect the sensor plug. Remove the fascia completely.



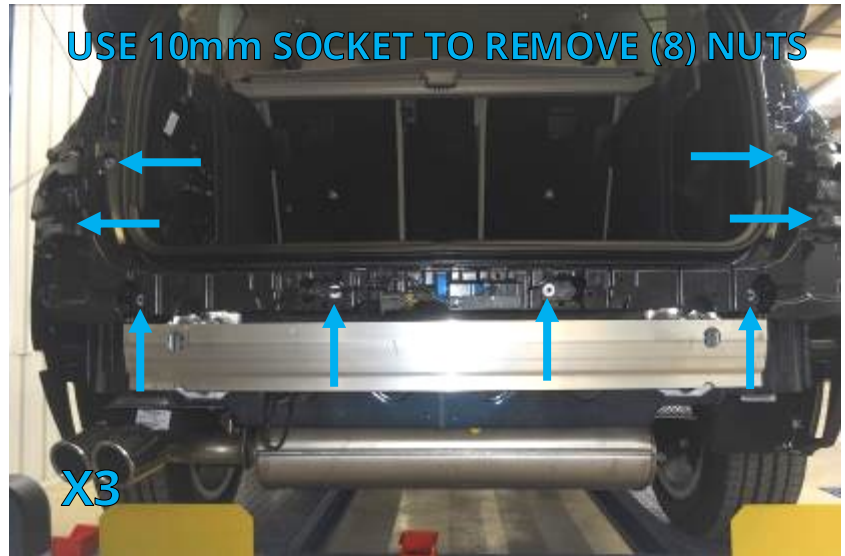
NOTICE: Carefully remove the fascia and place on a blanket or pad.

GAIN ACCESS TO MOUNTING AREA CONTINUED



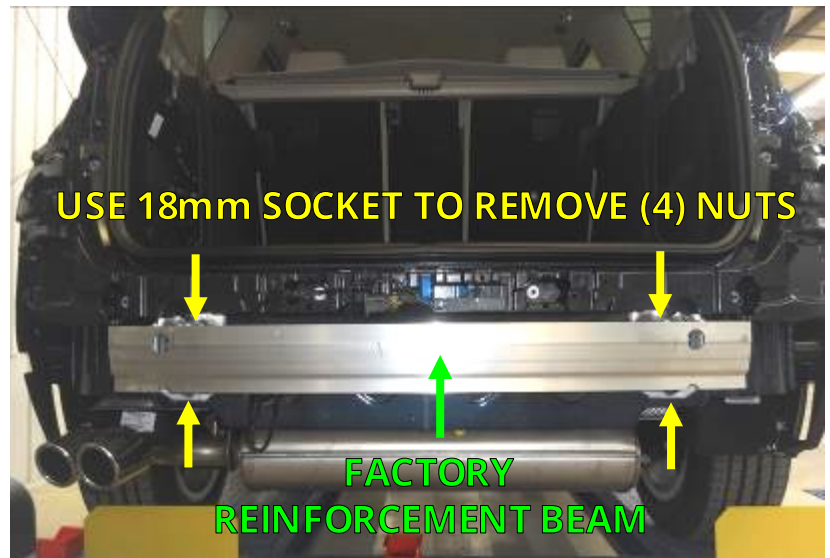
10mm
SOCKET

15. **X3 only** Remove (8) nuts that secure fascia brackets, to gain access to top nuts on factory reinforcement beam.



18mm
DEEP WELL
SOCKET

16. Remove the (4) nuts that secure the factory reinforcement beam, with a socket. **Save** the nuts for the hitch installation. Discard the factory reinforcement beam.



INSTALL STEALTH HITCH FRAME



18mm
DEEP WELL
SOCKET

17. Install the Stealth hitch frame onto the vehicle studs. Center the hitch frame. Use a torque wrench to tighten the factory nuts to 85 ft.-lbs.



TORQUE
WRENCH



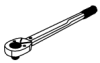
MOUNT LATCH BLOCK



15/16"
SOCKET



15/16" OPEN
END WRENCH



TORQUE
WRENCH

18. Installation of the latch block varies depending on which kit you are installing.

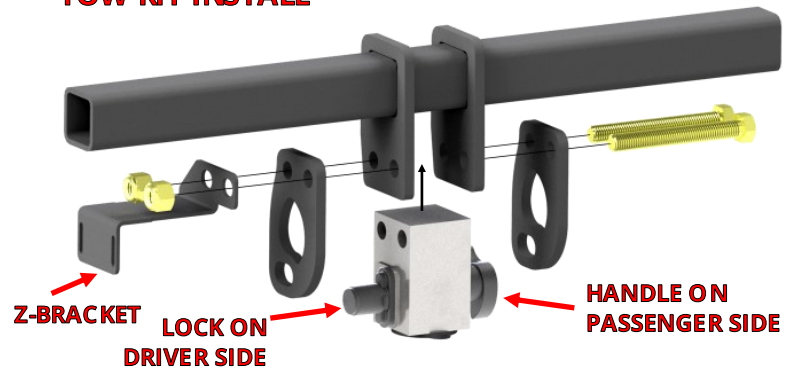
- **Rack Receiver Kit:** Install the latch block with (2) 5/8"-11 x 5" bolts and (2) 5/8" nylock nuts. Tighten each bolt to 150 ft.-lbs.
- **Tow Kit:** Retrieve Z-bracket from wiring harness kit box. Install the latch block, (2) chain hooks, and Z-bracket with (2) 5/8"-11 x 5" bolts and (2) 5/8" nylock nuts. Tighten each bolt to 150 ft.-lbs.

NOTICE: Keys are packaged within the latch block, remove keys and store in safe location.

RACK RECEIVER KIT INSTALL

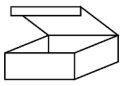


TOW KIT INSTALL



IF INSTALLING A RACK RECEIVER KIT, SKIP TO STEP 48.
IF INSTALLING A TOW KIT, CONTINUE TO STEP 19.

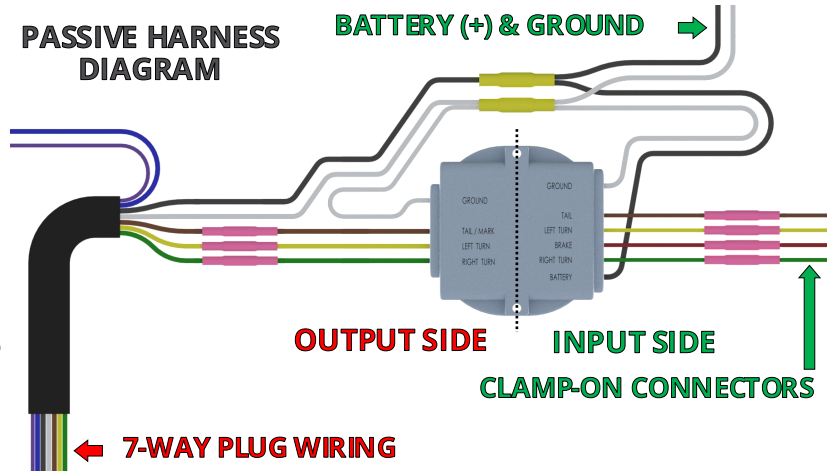
INSTALL WIRING KIT



PASSIVE OR ACTIVE WIRING KIT BOX

19. Locate the wiring kit box. Review the contents of the box against the list below to check for missing components.

- **The passive wiring kit** uses a control module to manage the functions of the trailer lighting. The module has an “input” side that receives power from the vehicle’s battery and signals from the vehicle’s taillights. The “output” side of the module delivers this information to the 7-way plug, see *passive harness diagram*. The control module is connected to the vehicle’s battery and taillight wiring as outlined in the next steps.
- **The active wiring kit** uses a BMW computer control module to manage the functions of the trailer lighting. The module must be “programmed” before it will be functional. The module will connect to the vehicle through an included wire harness. The harness has an “input” side that receives power and signals from the vehicle’s electronic systems. The “output” side of the harness delivers this information to the 7-way plug. The harness and computer module installation are outlined in the next steps.



NOTICE: Do not allow electrical system to become disconnected from power or ground. Doing so may interrupt electrical systems.

PASSIVE WIRING KIT BOX

PASSIVE WIRING KIT BOX ITEMS		
#	DESCRIPTION	QTY
1	7-WAY WIRING HARNESS • FUSE HOLDER & FUSE • CONTROL MODULE & WIRES	1
2	ADHESIVE FOAM STRIP	2
3	FORK TERMINAL	1
4	CLAMP-ON CONNECTORS	5
5	5/8" LONG PHILLIPS SCREWS	4
6	#10 LOCK NUT	4
7	CABLE TIE - 8"	4
8	CABLE TIE - 14"	3
9	Z-BRACKET	1
10	MOUNTING BRACKET	1
11	7-POLE HOUSING	1
12	7-POLE TO 4-POLE ADAPTER	1

ACTIVE WIRING KIT BOX



ACTIVE WIRING KIT BOX ITEMS		
#	DESCRIPTION	QTY
1	WIRING HARNESS	1
2	BMW CONTROL MODULE	1
3	5/8" LONG PHILLIPS SCREWS	4
4	#10 LOCK NUT	4
5	CABLE TIE - 8"	4
6	CABLE TIE - 14"	3
7	Z-BRACKET	1
8	MOUNTING BRACKET	1
9	7-POLE HOUSING	1
10	7-POLE TO 4-POLE ADAPTER	1
11	VEHICLE PROGRAMMING CABLE	1



INSTALL WIRING KIT CONTINUED



90 DEGREE PICK



T30 TORX

20. Remove both rear, side cargo panels. Remove plastic cargo holder by removing (2) plastic rivets with a 90 degree pick. Use a Torx to remove (1) screw. **Save** rivets for reinstallation.



21. Lift up and remove the cargo area floor panel.



90 DEGREE PICK



FLATHEAD SCREWDRIVER

22. Remove (4) plastic rivets under floor panel using 90 degree pick. Remove (2) plastic screws with a flathead screwdriver.



INSTALL WIRING KIT CONTINUED

23. Lift up to remove cover and gain access to the battery compartment.



24. **X3 only** On both sides, fold back the insulation in the side cargo areas, to gain access to the taillight wiring harnesses.



DRILL &
3/8" BIT

25. Locate wiring grommet in the rear trunk wall. Use a 3/8" drill bit to drill a hole through grommet using one of the divots on the top of the grommet. Make sure to drill through grommet only and not to damage harness.

NOTICE: Confirm that there is nothing inside vehicle behind grommet that can be damaged.

26. Feed output wires through grommet from inside to the outside of the vehicle.



IF INSTALLING A **PASSIVE** TOW KIT, CONTINUE TO STEP 27.
IF INSTALLING AN **ACTIVE** TOW KIT, SKIP TO STEP 31.

INSTALL PASSIVE WIRING KIT CONTINUED



PLIERS



MULTIMETER

27. The wires on the input side of the wiring module need to be attached to the vehicle wiring. Route the yellow wire to the driver side. Use a clamp-on connector to clamp the yellow wire to the left turn signal wire, behind taillight. (See reference table below.)

28. Inside the passenger side compartment, use clamp-on connectors to connect to wires behind taillight. (See reference table below.)



NOTE: Vehicles may have different wire colors than those shown. Verify circuits (wire colors) with multimeter.

VEHICLE WITH XENON LIGHTS CLAMP-ON CONNECTOR COLOR REFERENCE TABLE

<u>SIGNAL INPUT WIRES</u>			<u>POWER & GROUND WIRES</u>		
<u>FUNCTION</u>	<u>HARNES</u>	<u>VEHICLE</u>			
<u>LEFT TURN</u>	YELLOW	BLUE/GREEN	<u>12V+ (POWER)</u>	BLACK	BATTERY (+)
<u>RIGHT TURN</u>	GREEN	BLUE/BROWN	<u>GROUND</u>	WHITE	GROUND STUD
<u>MARKER</u>	BROWN	YELLOW/PURPLE			
<u>BRAKE</u>	RED	BLUE/BLACK			

VEHICLE WITHOUT XENON LIGHTS CLAMP-ON CONNECTOR COLOR REFERENCE TABLE

<u>SIGNAL INPUT WIRES</u>			<u>POWER & GROUND WIRES</u>		
<u>FUNCTION</u>	<u>HARNES</u>	<u>VEHICLE</u>			
<u>LEFT TURN</u>	YELLOW	BLUE/GREEN	<u>12V+ (POWER)</u>	BLACK	BATTERY (+)
<u>RIGHT TURN</u>	GREEN	BLUE/BROWN	<u>GROUND</u>	WHITE	GROUND STUD
<u>MARKER</u>	BROWN	GRAY/PURPLE			
<u>BRAKE</u>	RED	BLACK/YELLOW			

ALL VEHICLES CLAMP-ON CONNECTOR COLOR REFERENCE TABLE

<u>REVERSE</u>	PURPLE	For use with trailer reverse lights or to disable the trailer brakes when backing with surge brakes. To connect, isolate vehicle's reverse light circuit and connect the purple wire from the trailer wiring harness to vehicle reverse light circuit. Trailers rarely have reverse lights or surge brakes.
<u>ELECTRIC BRAKE</u>	BLUE	Only used when a hard wired brake controller is mounted inside the vehicle and your trailer has electric brakes. See brake controller instructions for this wire.

NOTE: If two colors are listed, the first color is the dominant color.

INSTALL **PASSIVE** WIRING KIT CONTINUED



10mm
SOCKET



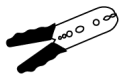
STRIPPER/
CRIMPING
TOOL

29. Locate the ground stud in the rear passenger side cargo area. Trim white ground wire so it will reach stud without excess wire. Crimp supplied fork terminal to the ground wire with a crimping tool. Loosen the ground stud and secure the fork to the terminal.

NOTICE: Loosen ground stud just enough to install fork terminal, so vehicle wiring does not lose ground.



10mm
SOCKET



STRIPPER/
CRIMPING
TOOL

30. Locate the fuse holder supplied in the wiring kit box. Remove the fuse from the fuse holder. Route the power wire to the positive battery terminal (+). Crimp the fuse holder lead to the black power wire and connect to the positive battery terminal (+).

Skip to Step 42 to complete installation.



INSTALL **ACTIVE** WIRING KIT

31. Locate the CAN Bus connector in the rear passenger side cargo area. It is normally taped to the vehicle wire harness. Unplug connector.

32. Retrieve the wiring harness. The harness has plugs that connect to both ends of the vehicle CAN bus connector. (both male and female ends). Plug in both plugs as shown.



INSTALL **ACTIVE** WIRING KIT CONTINUED



10mm
SOCKET



STRIPPER/
CRIMPING
TOOL

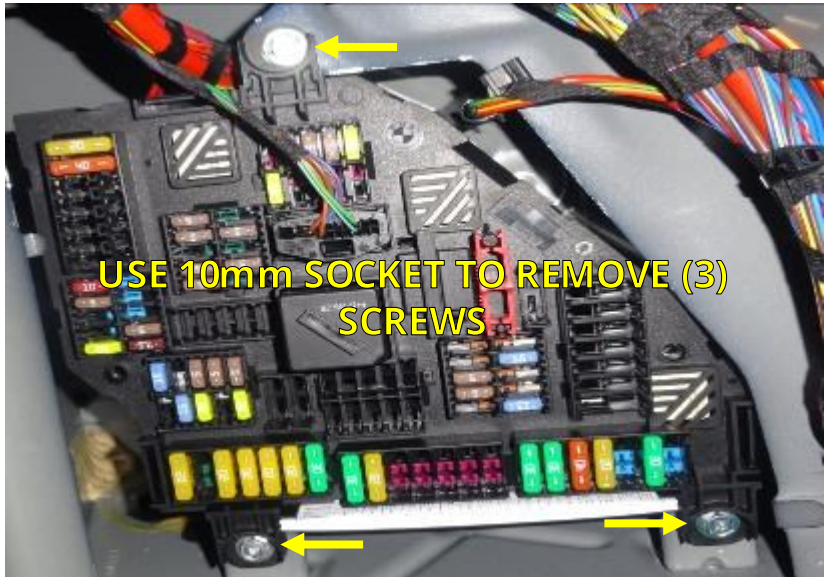
33. Locate the ground stud in the rear passenger side cargo area. Carefully remove the ground stud and at the same time, keep the wires grounded here in continuous contact. Place the wiring harness ground ring terminal over the stud. Replace the nut and tighten.

NOTICE: Do not allow vehicle wiring to lose ground contact.

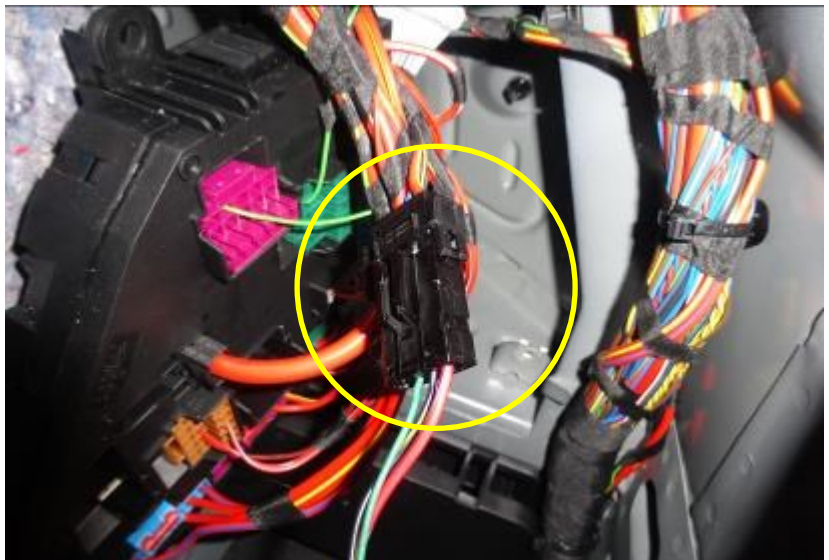


10mm
SOCKET

34. Remove fuse panel by removing (3) screws with socket.



35. On back side of fuse panel, identify the four pin brake controller connector. Plug into the wiring harness mating connector.

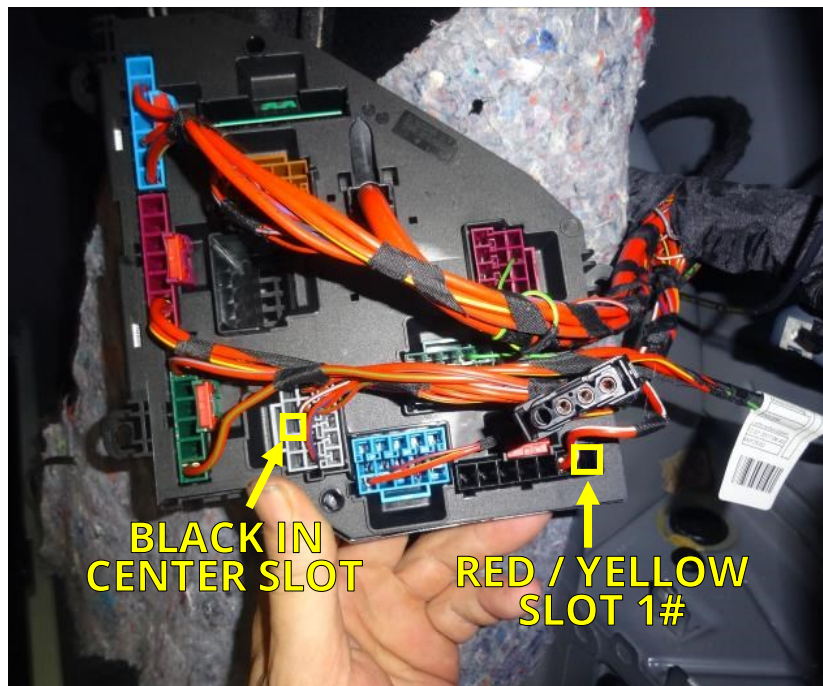


INSTALL **ACTIVE** WIRING KIT CONTINUED

36. Carefully turn the fuse panel around to expose terminal slots. Insert spring clips into the terminal strip slots with wire colors as follows:

- Black—Center slot on the light gray strip (see notice below)
- Red/Yellow—First slot on the black strip

NOTICE: Verify the corresponding fuses are firmly in place. Sometimes inserting the spring clips will dislodge a fuse.



NOTICE: On some models the black wire clip may not easily install, in this case, it is necessary to remove the fuse block before inserting the black wire clip into the slot. If so, continue to **Step 37**. If not, continue to **Step 40**.



FLATHEAD
SCREWDRIVER

37. On back side of fuse panel, dislodge the gray fuse block. Use a flathead screw driver to release the release clip and pull the fuse block outward.

NOTICE: Make sure the fuses stay intact as you dislodge the fuse block.



FLATHEAD
SCREWDRIVER

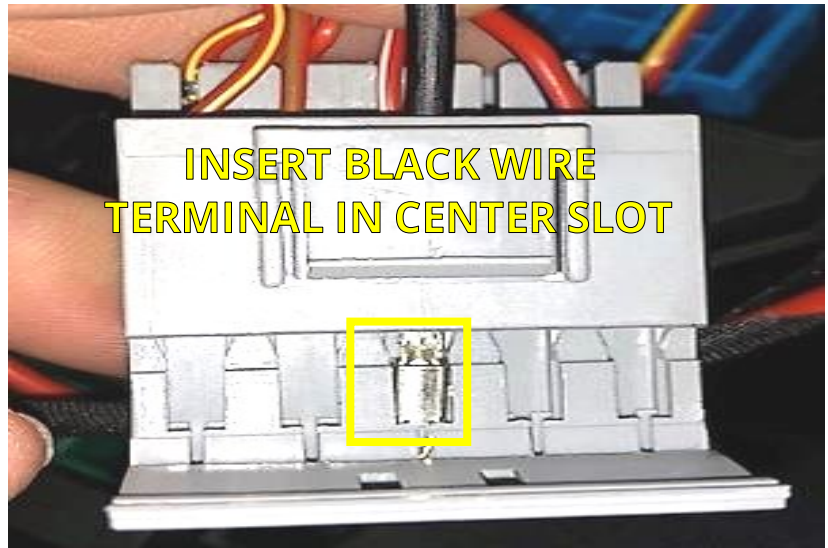
38. With the fuse block removed, use a flathead screw driver to unclip the release clip



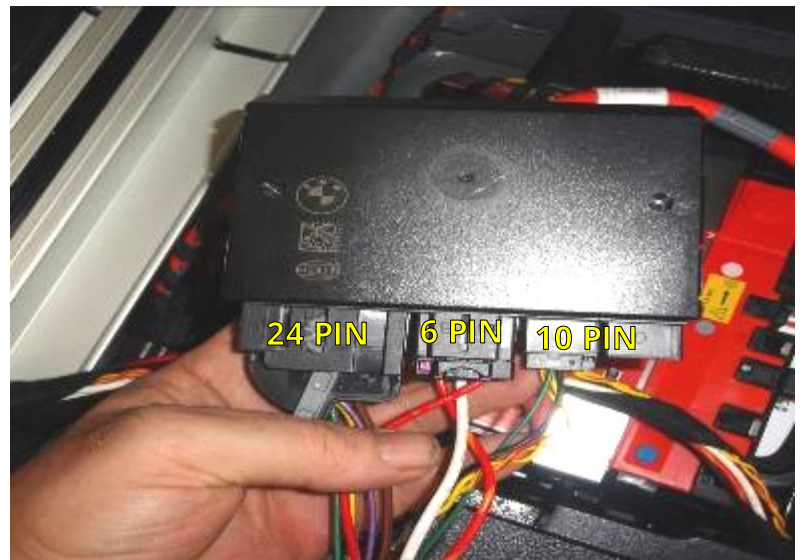
INSTALL **ACTIVE** WIRING KIT CONTINUED

39. Insert the black wire terminal in center slot, as shown. Close the release clip on the fuse block and reinstall the fuse block in the fuse panel.

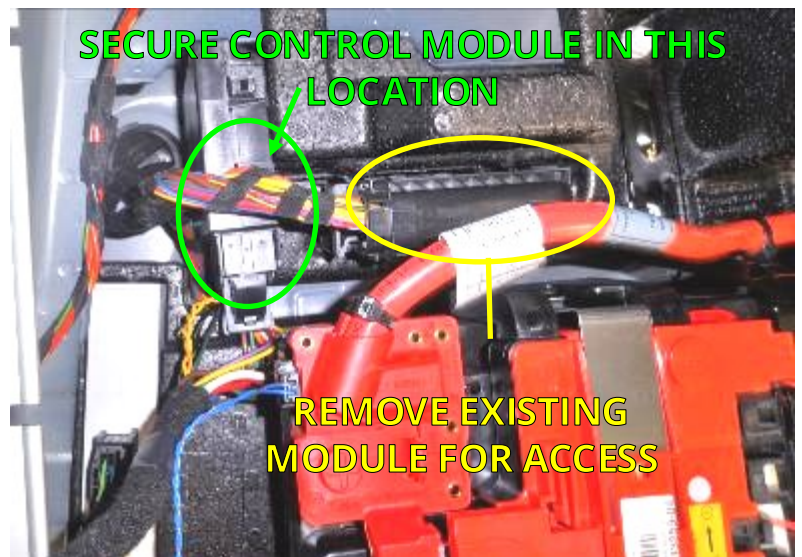
NOTE: Make sure the fuses stay intact in while reinstalling the fuse block.



40. Retrieve the BMW control module from the wiring kit. Insert the (24) pin connector in the control module and lock it with the lock clip. Insert (6) pin and (10) pin connectors in the control module in the next two slots, as shown.



41. Before the control module can be secured, the existing control module must be temporarily disconnected. Move the existing module and wiring bundle to access the location for the new module. Place the control module as shown. Then replace wiring bundle and module to original locations to secure the control module.

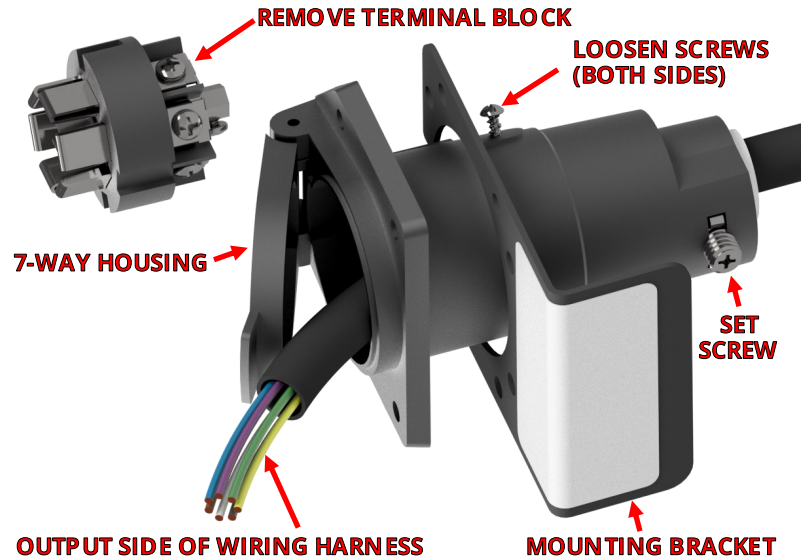


WIRE 7-WAY PLUG



PHILLIPS HEAD
SCREWDRIVER

42. Locate the 7-way housing. Use a screwdriver to loosen (2) screws. Remove 7-way round terminal block. Place the mounting bracket onto the 7-way housing as shown. Use a screwdriver to loosen the set screw at the bottom of the 7-way housing. Route output side wires of the wiring harness through the 7-way housing.

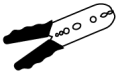


Please follow instructions below very carefully.

Incorrect wiring of the 7-way receptacle causes the vast majority of wiring problems.



PHILLIPS HEAD
SCREWDRIVER

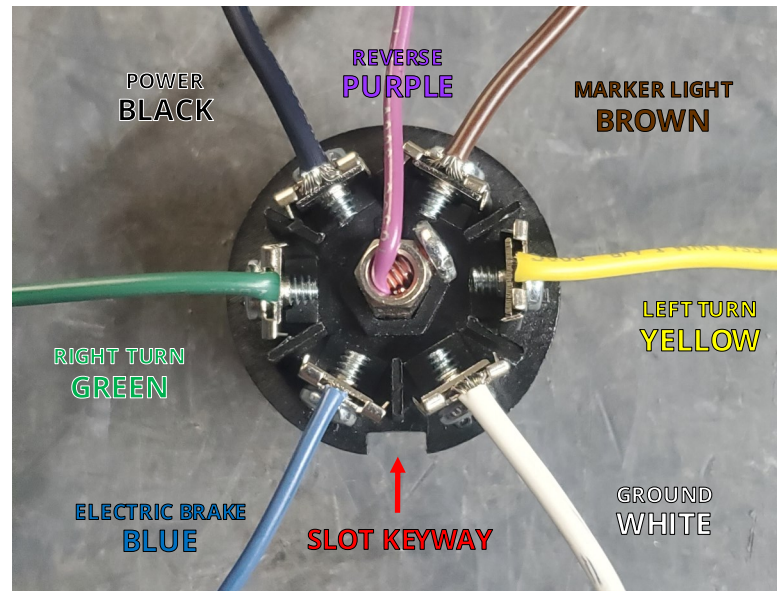


STRIPPER/
CRIMPING
TOOL

43. Locate the slot keyway. Starting from the keyway going **clockwise**, attach the wires as follows:

- Blue
- Green
- Black
- Brown
- Yellow
- White
- Purple (middle)

NOTICE: Markings on the receptacle may not match the correct wire configuration. Please disregard and follow the instruction above.



TEST 7-WAY HARNESS WIRING



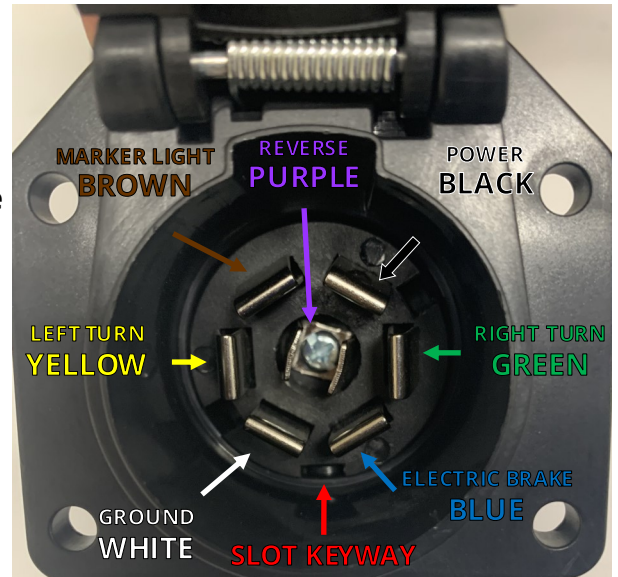
PHILLIPS HEAD
SCREWDRIVER



MULTIMETER

44. Put the 7-way receptacle back together. While everything is still accessible, you should test the wiring to make sure everything is connected properly and in working order. **If installing a passive harness, replace the 20 Amp fuse into the fuse holder located near the battery.**

NOTICE: Most **Active** harness installations will require programming before testing can be completed. Testing Active wiring harness installations with a multimeter or LED tester may not work. Some vehicles may need to "sense" the current being used by the plug to function. After programming is complete, use an incandescent light testing device or trailer to test in these specific cases.



NOTE: Taillights will need to be temporarily plugged in during testing.

- Start by connecting the multimeter negative probe to the ground blade on the 7-way receptacle.
- Next, connect the multimeter positive probe to the power blade on the 7-way receptacle and check for 12 volts.
- Once that is confirmed, move the positive probe to the left turn blade on the 7-way receptacle and check for 12 volts when the vehicle left turn blinker is active. You should see it pulse.
- Next, move the positive probe to the right turn blade and check for 12 volts when the right turn blinker is active. You should see it pulse.
- Next, move the positive probe to the marker/taillights. With the vehicle lights on you should see 12 volts constant.
- Lastly, with the brake depressed, move the positive probe to the left turn blade where you should see 12 volts constant. Move the probe to the right turn blade where you should also see 12 volts constant.



PHILLIPS HEAD
SCREWDRIVER

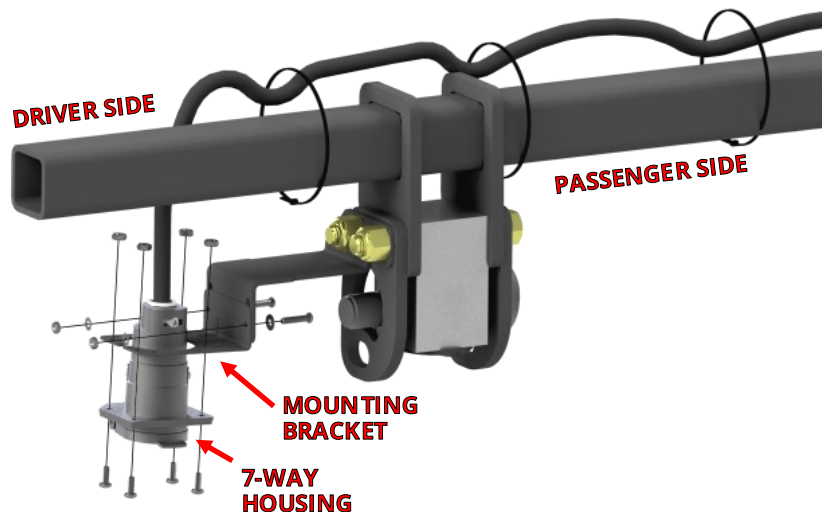


SILICONE

45. Attach the mounting bracket and 7-way housing to the Stealth hitch frame as shown. Secure harness to Stealth hitch frame with cable ties.

46. Secure all wires and wiring components. Use the remaining cable ties to secure wiring so that it is not loose and will not interfere with replacement of the fascia. Wiring should not be visible once the vehicle is reassembled.

47. If installing a passive harness, use the provided adhesive foam strips to secure the control module to an inside body panel. Use silicone to waterproof grommet.



CUT ACCESS HOLE IN GRAVEL GUARD



DREMEL TOOL

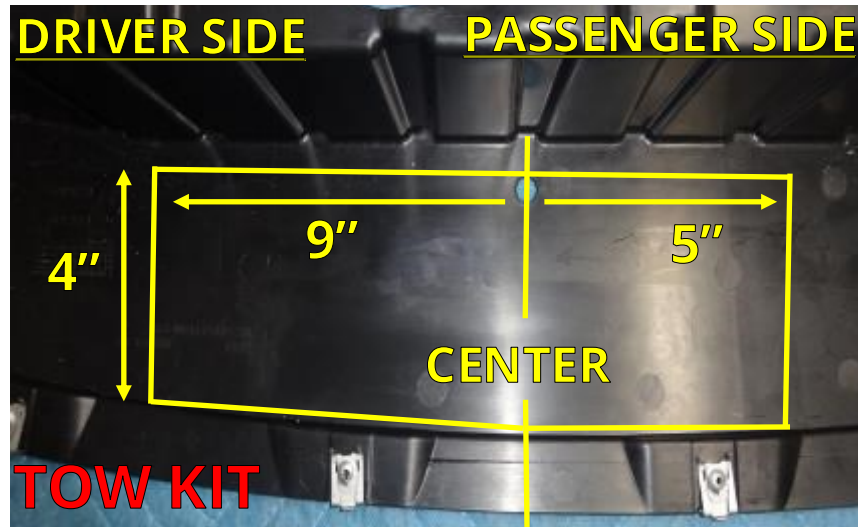
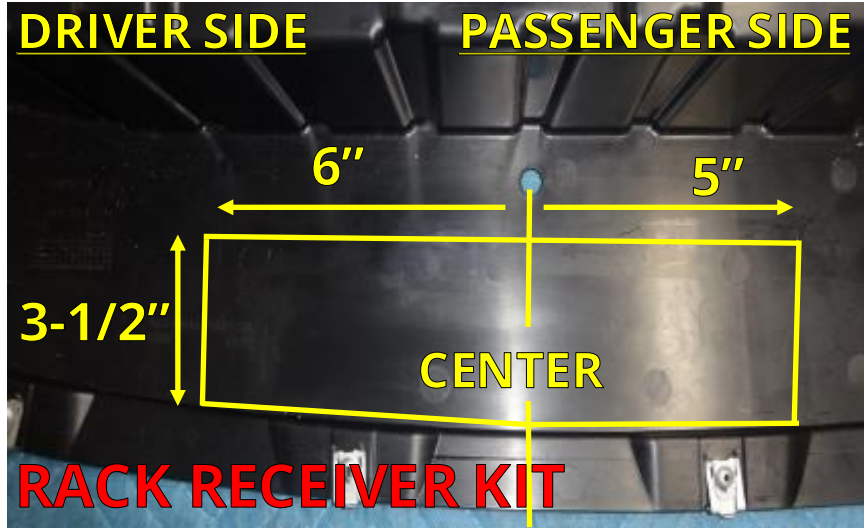


FILE

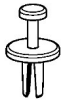
48. Cut out the gravel guard with a Dremel tool. Use a file to smooth out the cut.

NOTE: The access hole size is different for the rack receiver and tow kits, follow the correct template.

NOTE: Some year models and trim packages may vary.



REINSTALL VEHICLE COMPONENTS



PLASTIC RIVETS

49. Reattach and secure the fascia, taillights, and other vehicle components in reverse order. Refer to Steps 1-15.

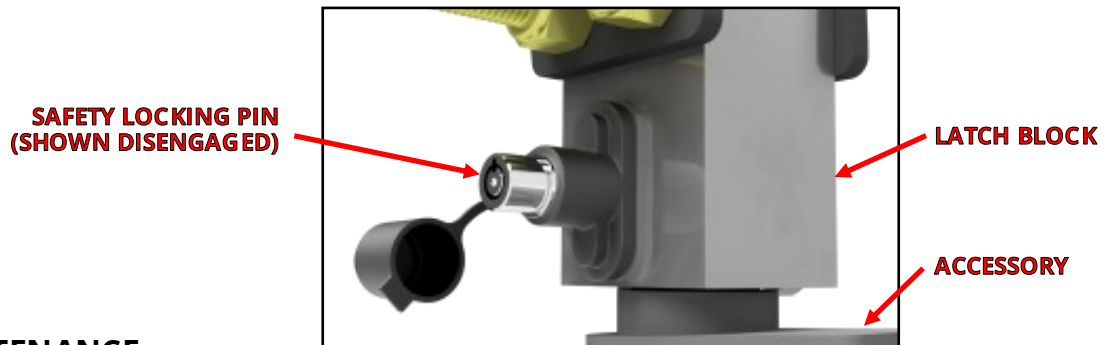
NOTICE: Remember to plug in the sensor plug in Step 14 before reinstalling the fascia.

NOTE: Replace plastic rivets in the wheel well with supplied plastic rivets, see Step 7.



FINAL VEHICLE EXAMINATION

50. Examine the body panels to ensure that they are in a pre-installation condition. Test the electronic functions of the vehicle. Correct any inconsistencies.
51. Ensure that hitch components work properly.
 - **Verify that the lock works correctly.** Push in the safety lock on the latch block then unlock with key. The lock should slide back out with the key when unlocked.
 - **Verify that each accessory can be installed correctly.** Use the following steps to install and remove each accessory that will be used with the hitch. (*Rack Receiver* and *Ball Mount* if purchased.)
 1. Prepare latching mechanism. Turn handle clockwise if needed.
 2. Firmly insert "post" of accessory into latch block until handle releases indicating that the accessory is latched.
 3. Push in the safety locking pin until it fully engages. The locking pin prevents the handle from turning when pushed in, and confirms that the block is securely latched onto the accessory. The safety locking pin will not depress if the accessory is not fully latched.
 4. Use key to release safety locking pin.
 5. While holding on to the accessory, rotate handle clockwise to release and remove the accessory.
 - **Verify that no part of the accessories come into contact with the body of the vehicle.**



PRODUCT USE AND MAINTENANCE

NOTICE: *If the hitch is being installed by a professional, the installer is responsible for training the end user in the use and maintenance of the product.*

- **Accessory installation procedure:**
 1. Prepare latching mechanism. Turn handle clockwise if needed.
 2. Firmly insert "post" of accessory into latch block until handle spins counter-clockwise indicating that the accessory is latched.
 3. Always depress the safety locking pin and check that it has fully engaged.
- **Never use any accessory with the safety lock disengaged.** Until the safety locking pin is engaged, the handle is able to turn. A fully engaged safety locking pin is confirmation that the accessory is properly latched into the latch block.
- **Never use the rack receiver for towing.** The rack receiver accessory is only to be used with payload carrying products, such as bike racks or luggage racks.
- **Before each use, give the post of the accessory a light coating of lithium based grease.**
- **Before each use, inspect the hitch to ensure that all bolted connections are secure and that no cracks or damage are present.** Do not tow with the hitch if cracks or damage outside of normal wear is found.
- **Remove the Stealth accessories from the latch block after each use.** Do not leave accessories plugged in for extended periods of time.