



TORKLIFT
CENTRAL

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ecoHITCH

X7916S

Designed Specifically For Your **Green Vehicle**
2.00" Front Receiver Hitch

Ford Transit

Important Note: Instructions featured online do NOT show detailed drawings or figures referenced in the instructions. Complete instructions with more detailed drawings are available in the kit upon purchase.

**1,000 lbs. Tongue Weight / 10,000 lbs. Straight Line
Pull Rating**

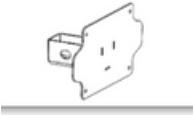
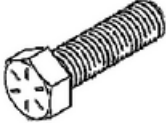




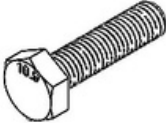





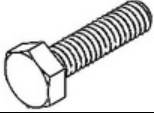






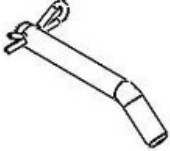


Version (5) BY: JO 05/18/2023

TECH SUPPORT (800) 246-8132

**AFTER INSTALL, PLEASE GIVE
THIS BOOKLET TO YOUR CUSTOMER**

Parts Inventory

Item Image	Item Description	Qty.	Item #
	Front Receiver Hitch	1	X7916-A1
	Front License Plate Bracket	1	X7916-A2
	1/2" – 13 x 1-3/4" – Hex Head Cap Screw – Grade 8	8	13741
	1/2" – Split Lock Washer – Zinc	16	9302
	1/2" – USS – Flat Washer – Zinc	32	6039
	1/2" – 13 – Hex Nut – Grade 8 1/2" - 13 x 1-1/2"-	16	1751
	Hex Head Cap Screw – Grade 8	8	9960
	M10 - 1.5 x 40mm – Hex Cap Screw – Grade 8	8	12926
	M10 – 1.5 – Flanged Hex Nut	8	14132
	3/8" – Flat Washer – SS 18-8	8	10263
	M10 – Split Lock Washer - Zinc	8	12009

Item Image	Item Description	Qty.	Item #
	1/4" - 20 x1.00 – Hex Cap Screw -SS	2	10061
	1/4" - SAE - Flat Washer	4	10275
	1/4" - 20 – Nylock Nut Grade 5	2	10568
	1/4" - 20 – 3/4" – Button Head Socket Cap Screw	4	15031
	1/4" - USS – Flat Washer – Grade 5 – Black Zinc	4	10143
	1/4" - 20 – Serrated Flange Hex Nuts	4	11985
	1/4" - Split Lock washer - SS	4	11984
	5/8" Pin and Clip	1	3703
	28" Trim Lock Rubber	1	12041
	Zip Tie	4	12070

Step 1:

- Chock the rear tires and raise the front of the vehicle off the ground. Place it on ramps or suitable jack stands.

Note: If using a hoist/lift, utilize the Ford approved lifting points.

Step 2:

- Locate the fender trim piece on each side of the vehicle.
- Use a pry tool to remove the fender clips seen in Fig.2.1.



- Unbolt the 10mm hex head bolt located where the fender and bumper meet. See Fig.2.2.

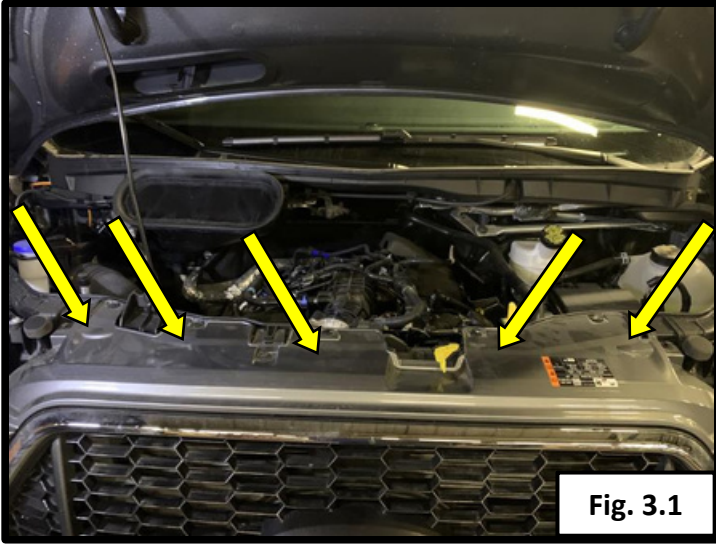


- Repeat this step on both sides of the vehicle.

Step 3:

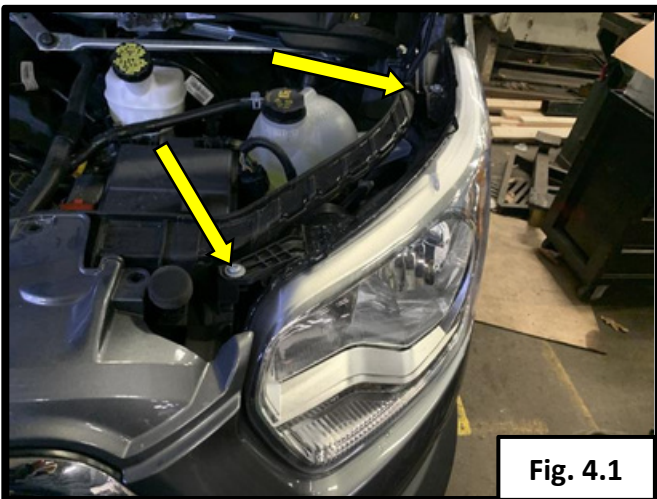
- Open the hood of the vehicle.
- Use a 10mm socket to remove the bolts securing the top of the grille.

- Use a pry tool to remove the push-in clips located at the top of grille. See Fig.3.1.



Step 4:

- Use a T-30 Torx bit to remove the headlight bolts. Bolt locations seen in Fig.4.1.



- Pull the headlight forward to unclip it from the vehicle.
- Unplug all the wiring harnesses connected to the headlight. See Fig.4.2.

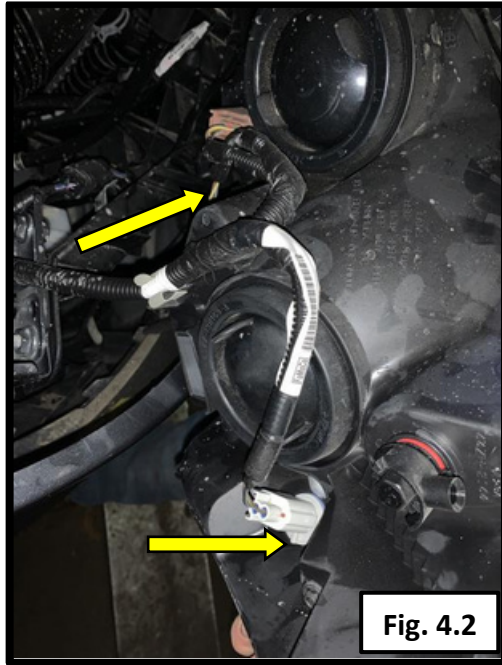


Fig. 4.2

- Place the headlight in a safe location.
- Repeat on both sides of the vehicle.

Step 5:

- Use a T-25 Torx bit to remove the screws and the black plastic retainer located under the headlight mounting location. See Fig.5.1.



- Place the Torx screws and the black plastic retainer brackets in a safe place.
- Repeat on both sides of the vehicle.

Step 6:

- Remove the bottom splash guard connected to the front bumper by unclipping all the clips connecting the splash guard to the front bumper. See Fig. 6.1.

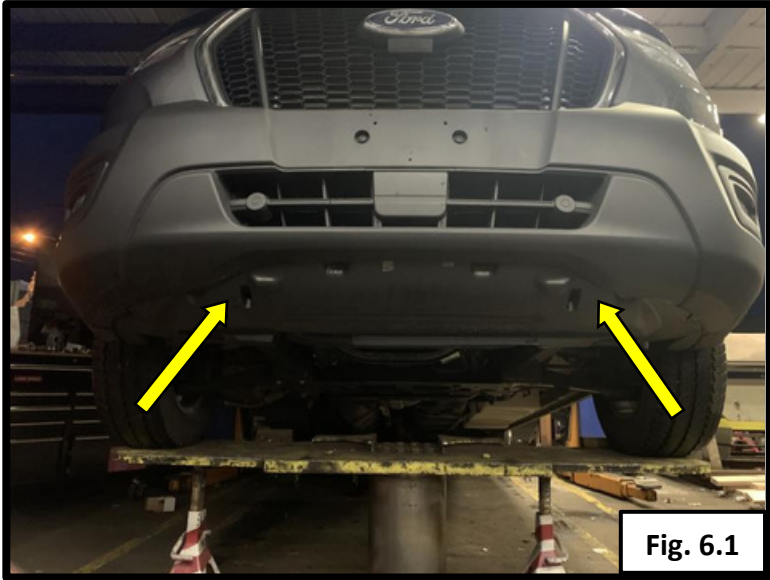


Fig. 6.1

- Use a 10mm socket to unbolt the bolts securing the splash guard to the vehicle.
- Place the splash guard in a safe place during the installation process.

Step 7:

- Starting one side of the bumper, carefully peel the bumper cover off the vehicle.
- Locate any additional tab and clips may need to be undone to remove the bumper cover.
- Detach any wiring harness that might be connected to the bumper.
- Place the bumper cover in a safe location.

Step 8:

- Use a pry tool to unclip the plastic air deflector located on each side of the radiator. See Fig.8.1.
- Place the plastic air deflector in a safe location.

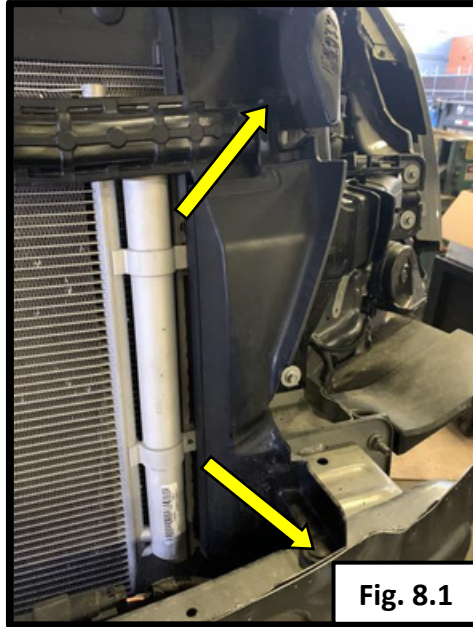


Fig. 8.1

Step 9:

- Unclip and unplug all the wiring harness clipped into the upper cross member. See Fig.9.1



Fig. 9.1

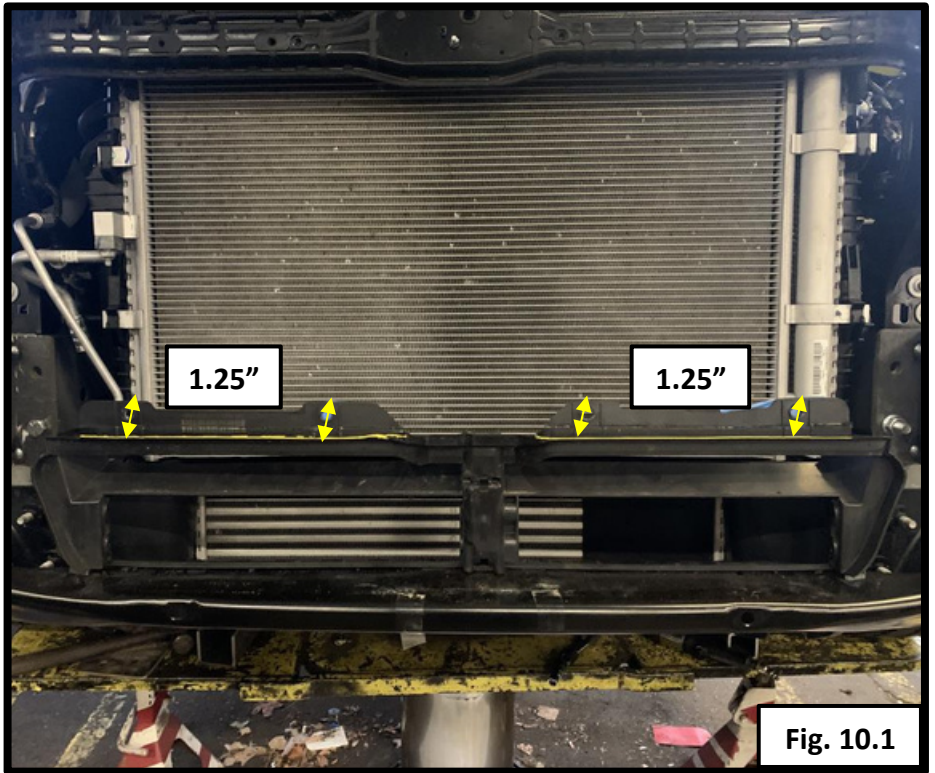
- Unbolt the upper plastic air deflector from the upper cross member. See Fig.9.2



Fig. 9.2

Step 10:

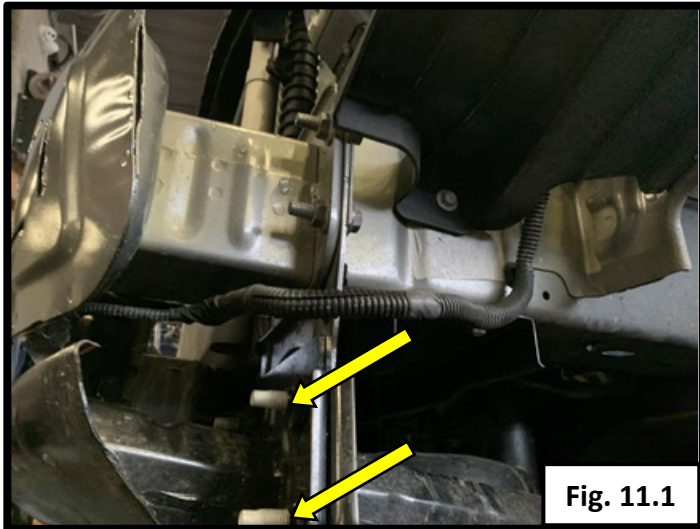
- Perform a cutout operation on the upper plastic air deflector. Measurements are dimensioned off the top edge of the upper plastic air deflector seen in Fig.10.1.



Step 11:

- Obtain an angle finder to determine the factory angle of the sensor attached to the upper cross member. Record this angle relative to ground level.

- Obtain all the M10 bolts and insert a 3.8" flat washer to each bolt.
- Use a 13mm socket to remove the 4 bolts on the upper cross member.
- Replace all 4 factory mounting bolts on the lower cross member with the M10 bolts. Torque the M10 bolts to 53 ft-lbs. See Fig. 11.1.

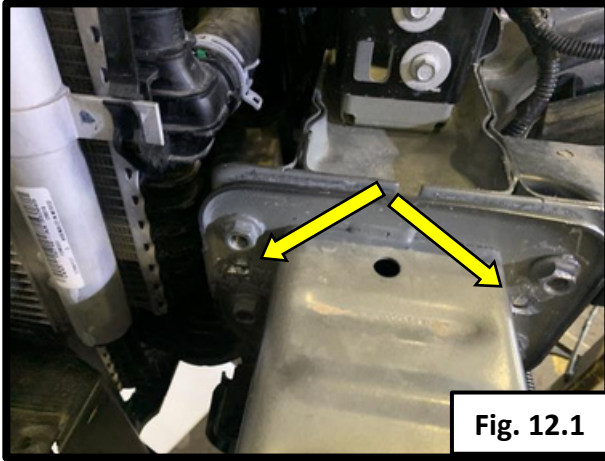


- The upper cross member will still be attached to vehicle after the bolts are removed.

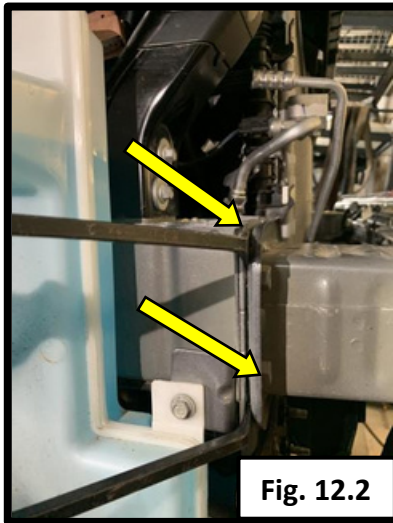
Step 12:

- To remove the upper cross member, grind/cut the spot welds.

- These spot welds are located in between the top and bottom mounting holes. See Fig.12.1.



- Use a pry bar to aid removal. See Fig.12.2.



- Carefully lift remove the upper cross member from the vehicle and set aside.

Step 13:

- Use a T-25 Torx bit and 8mm socket to unbolt sensor attached to the upper cross member. See Fig.13.1

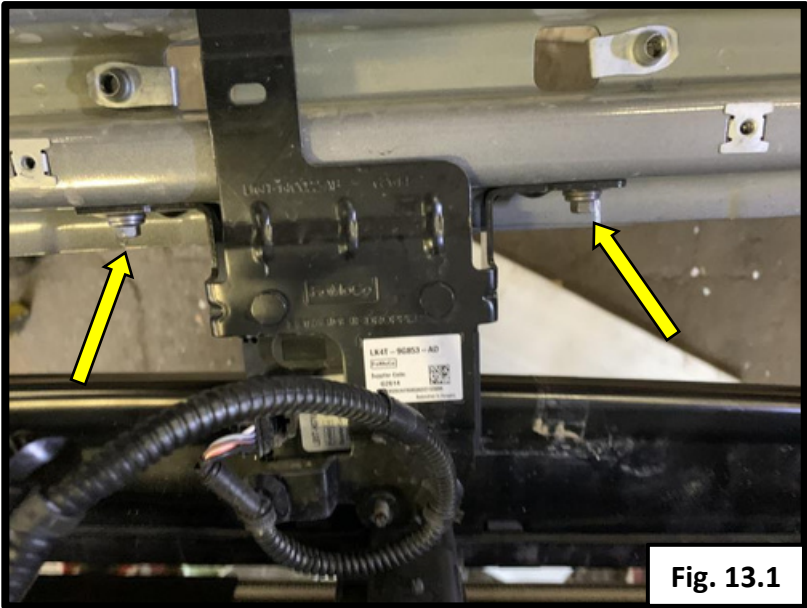


Fig. 13.1

- Detach and place the sensor in a safe location.

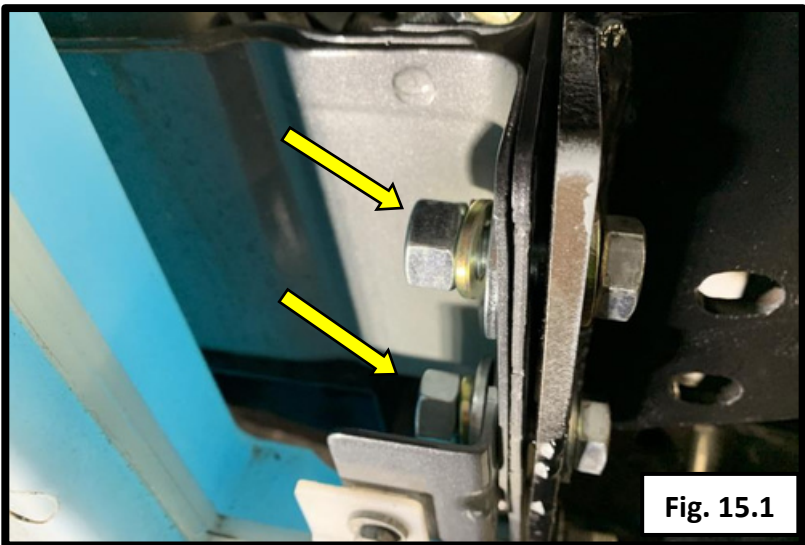
Step 14:

- Use an angle grinder, or similar cutting tool, to perform a cutout operation on the sensor.
- Locate and mark the cutline to be below the mounting tabs of the sensor. See Fig.14.1 and Fig.14.2



Step 15:

- Obtain the ½"-13x1.75 bolts.
- Insert a ½" flat washer to each of the ½" bolts.
- Lift the hitch receiver into place.
- Align the upper mounting holes on the hitch receiver with the upper cross member mounting holes.
- Insert the ½" bolts to the mounting holes on each side of the hitch.
- Insert a ½" flat washer and ½" split lock washer to each of the ½" bolts.
- Partially fasten each bolt with the ½" hex nut to temporarily maintain adjustability. See Fig.15.1.



Step 16:

- Obtain the four ½"-13x1.5.

- Insert a ½” flat washer to each of the ½” bolts.
 - Obtain the Hitch Support Brackets and align the mounting holes with the receiver hitch.
 - Insert the ½” bolts into the Hitch Support Bracket to mount it on the receiver hitch.
 - Insert a ½” flat washer and ½” split lock washer to each of the ½” bolts.
 - Partially fasten each bolt with the ½” hex nut to temporarily maintain adjustability.
 - Repeat on the opposite side.
- Torque all the ½” bolts to 120 ft-lbs.

Step 17:

- Align the lower cross member mounting holes with the lower mounting holes on the hitch receiver.
- Insert a 3/8” flat washer and M8 split lock washer to each of the M10 bolts.
- Fasten each bolt with the M10 hex nut.
- Torque the M10 hex nuts to 53 ft-lbs. See Fig.17.1

Important Note: Instructions featured online do NOT show detailed drawings or figures referenced in the instructions. Complete instructions with more detailed drawings are available in the kit upon purchase.

Fig. 17.1

Step 18:

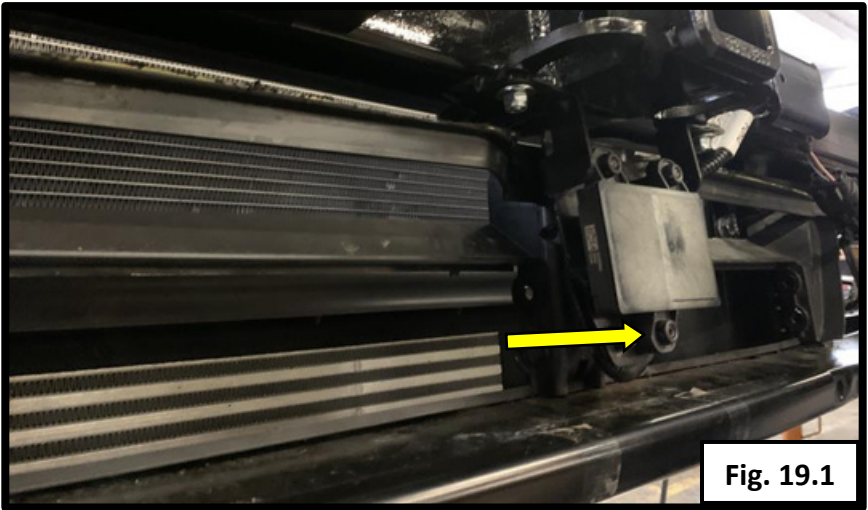
- Obtain the two $\frac{1}{4}$ " bolts and insert a $\frac{1}{4}$ " flat washer to each bolt.
- Insert $\frac{1}{4}$ " bolts on the mounting holes located near safety chain rings on the hitch receiver.
- Obtain the front bumper sensor and mount it under the hitch using the $\frac{1}{4}$ " bolts.

Secure the front bumper sensor with an additional $\frac{1}{4}$ " flat washer and $\frac{1}{4}$ " nylock nuts. Torque the $\frac{1}{4}$ " bolts to 11 ft-lbs. See Fig.17.1



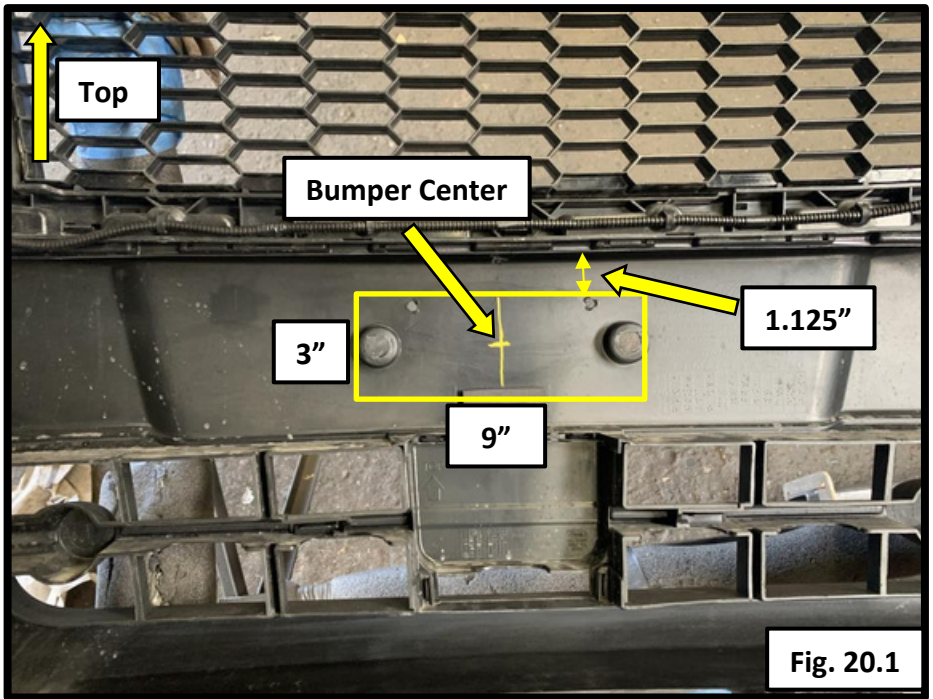
Step 19:

- Use an angle finder to check the angle of front bumper sensor relative to ground level.
- The angle found in step does not match the angle recorded in Step 11, adjust the angle by rotating the adjustment bolt indicated in Fig.19.1.



Step 20:

- Obtain the front bumper and place it face down on a flat surface.
- Locate and mark the center of the front bumper.
- Outline the cutout according to Fig.20.1.



- Install the Trim Lock around the cutout. Cut to length if necessary.

Step 21:

- Obtain the bottom splash guard.
- Perform a cutout operation to trim the alignment pegs located on each side of the splash guard.
- Trim the alignment peg to level it off with the top of the raised edge of the splash guard. See Fig.21.1.

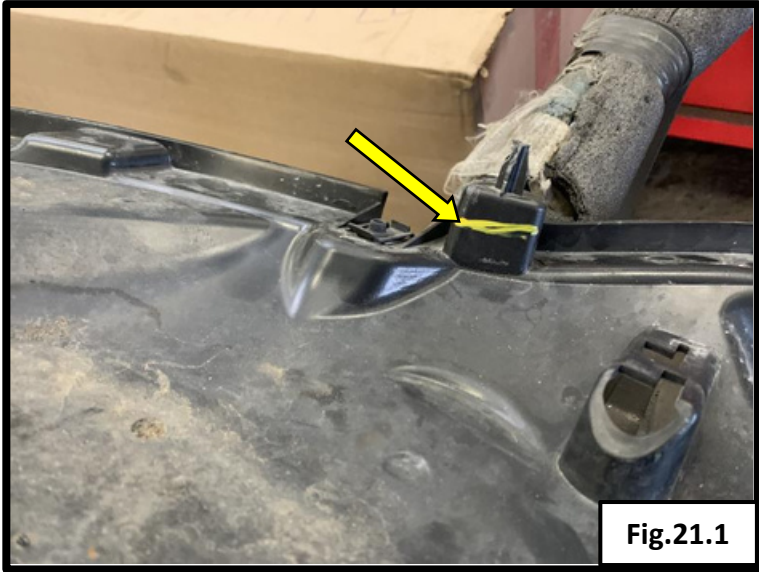


Fig.21.1

Step 22:

- Reinstall all factory components with the original hardware in the reverse order of removal.
- If necessary, trim additional plastic from the vehicle for better fitment.

Step 23:

- Align the license plate holes with the mounting holes on the License Plate Bracket.
- Insert the 1/4" - 20 x 3/4" bolts, split lock washers, flat washers to the four mounting holes. Apply serrated nuts to all the 1/4" bolts and tighten all.
- Slide the License Plate Bracket into the hitch receiver.
- Install the pin and clip to secure the license plate.

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Installation is complete!

WARRANTY/DISCLAIMER INFORMATION

Torklift Central requires proof of purchase for warranty claim registration, with pictures of any defective product before issuing a replacement. Torklift will not accept claims on any product without proof of purchase, which can be faxed, scanned, emailed or mailed to the information provided below. Torklift Central warrants its hitches, custom hitch receivers and accessories (excluding electrical wire harnesses which carry a warranty from their specified manufacturer) from date of purchase against defects in material and workmanship under normal use and service for the ownership life of the original consumer purchaser. Torklift Central will replace free of charge any part that proves defective in material or workmanship when presented to Torklift Central, transportation charges prepaid by purchaser, at the address below.

This warranty is limited to defective parts replacement only. Labor charges and/or damage incurred in installation or replacement, as well as incidental and consequential damages connected therewith are excluded.

This warranty does not include normal wear and tear or the finish and paint. Rusting, cracking or peeling of the finish is also excluded. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Any damage to Torklift Central products as a result of misuse, abuse, neglect, accident, improper installation or any use violative of instructions furnished by Torklift Central will void the warranty. This warranty gives you specific legal rights and you may also have rights, which vary from state to state. With warranty service, you may be able to go to a small claims court, a state court or a federal district court.

Although Torklift Central trailer hitches are both tested and rated for towing within the specific capacity label found on each trailer hitch. Torklift Central assumes no liability for vehicle manufacturers warranty due to the use of a Torklift Central trailer hitch being used for towing behind any vehicle or using the trailer hitch in a manner that it was not designed for. Although this specific trailer hitch has a

load rating, which includes trailer tongue weight, and a trailer weight carrying capacity, Torklift Central is not responsible for the voiding of any warranty on any vehicle due to factory towing limitations. All vehicle warranties are the sole property and responsibility of the owner of the vehicle that the Torklift Central trailer hitch is installed upon. Torklift Central does not endorse towing behind any vehicle if the vehicles manufacturer states that towing is not recommended. Check your vehicle's owner's manual for the proper tow rating of your vehicle.

ADDRESS: 315 Deane Ave N. Kent, WA 98032

WARNING Your vehicle may have a lower tow rating than this trailer hitch. If your vehicle's tow rating is less than the rated towing capacity on your Torklift Central trailer hitch, your trailer hitch capacity is limited to your vehicle's factory rated towing capacity.

DANGER Never exceed your vehicle's manufacturer recommended towing capacity which may be a lower rating than this trailer hitch