



Installation Instructions

PART NUMBERS: 41913, 96913, CQT41913

WARNING

To prevent **SERIOUS INJURY, DEATH** or **PROPERTY DAMAGE**:

- **ALWAYS** read, understand and follow warnings and instructions for your hitch **BEFORE** installation. Keep for future reference.
- **DO NOT** cut, weld or modify this receiver.
- **CHECK** all fasteners are tight and your hitch is securely mounted to your vehicle periodically.
- **ALWAYS** read, understand and follow all warnings and instructions for your vehicle and for other accessories you will use with your hitch **BEFORE** use.
- **LOAD** the trailer heavier in front.
- **DO NOT** exceed lower of towing vehicle manufacturer's rating or:

Hitch Type	Max Gross Trailer Weight	Max Tongue Weight
Weight Carrying	15000 lb. (6810 kg)	1700 lb. (771 kg)
Weight Distributing	17000 lb. (7718 kg)	1700 lb. (771 kg)

- **ALWAYS** wear your seatbelt.
- **SLOW DOWN** when towing, **NEVER** exceed any posted speed limit.
- If **EXCESS SWAY** occurs, take your foot off the gas pedal and hold the steering wheel as steady as possible. **DO NOT** apply your brakes and **DO NOT** speed up.

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Applications:

Years	Make	Models
2019-Current*	RAM	1500

*Visit our website for the most up to date information regarding application years and trim levels.

Installation Time: 60 min

The time listed above is the average time for professional installers. If you do not feel comfortable performing this installation on your own or are in need of assistance, please contact a professional installer.



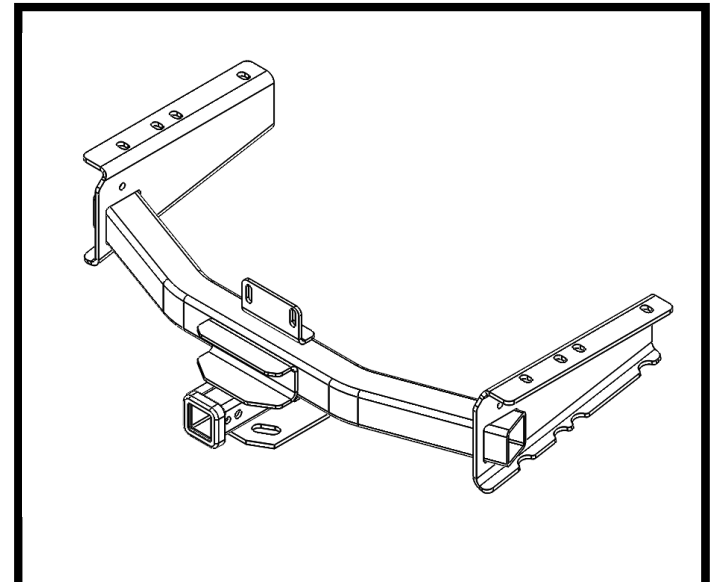
Representative Vehicle Photo

Equipment Required:

Safety Glasses	Ratchet	6" Socket Extension	10mm 15mm 16mm 17mm Sockets
Torque Wrench	Pry Tool	Hammer	21mm 22mm 3/4" 7/8" Sockets

DO NOT EXCEED LOWER OF TOWING VEHICLE MANUFACTURER'S RATING OR:

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Hitch Illustration

Always wear SAFETY GLASSES when installing hitch

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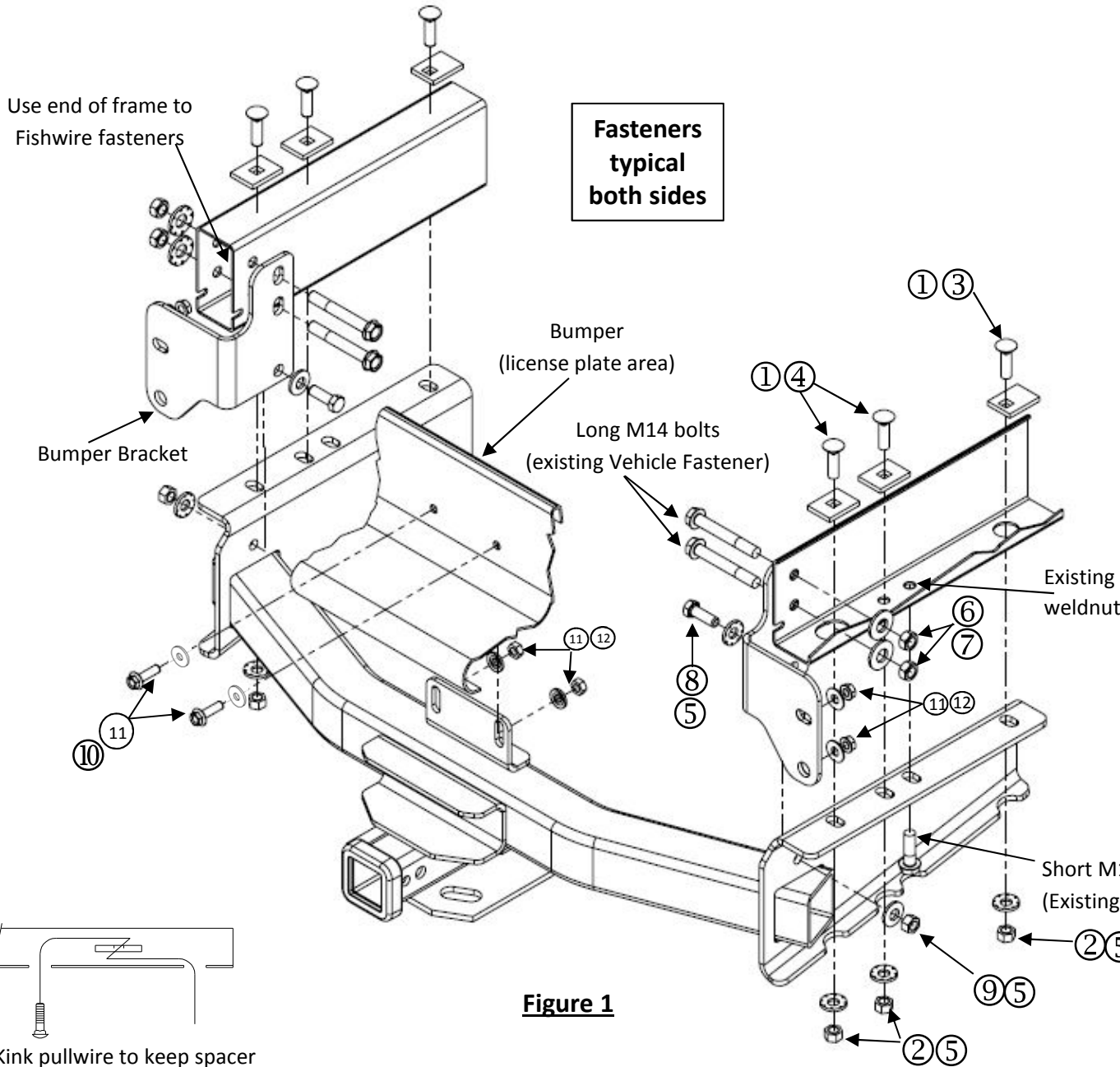













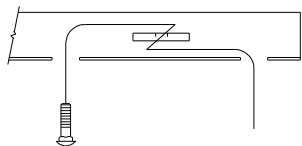


Figure 1

Fastener Kit: 41913F			
①	Qty. (6)	Carriage Bolt ½-13 x 1.75 Gr8	
②	Qty. (6)	Heavy Hex Nut ½-13 Gr2H	
③	Qty. (2)	Spacer .25 x 1.50 x 2.00 Part No. 3719	
④	Qty. (4)	Spacer .25 x 1.50 x 2.00 Part No. 1540	
⑤	Qty. (10)	Conical Tooth Washer 1/2" Part No. 012920008	
⑥	Qty. (4)	Conical Tooth Washer 5/8" Part No. 012920010	
⑦	Qty. (4)	Hex Nut M14x2.0 Cl 9/8	
⑧	Qty. (2)	Hex Bolt ½-13 x 1.75 Gr5	
⑨	Qty. (2)	Hex Nut ½-13 Gr5	
⑩	Qty. (2)	Hex Bolt M10x1.5x35 CL8.8	
⑪	Qty. (8)	Conical Tooth Washer 7/16" Part No. 01292007	
⑫	Qty. (6)	Hex Nut M10x1.5 CL10	
⑬	Qty. (6)	Pull wire ½" Part no. 5482	



Kink pullwire to keep spacer independent of bolt


Fishwire Example



**Conical washer
teeth side
against hitch**

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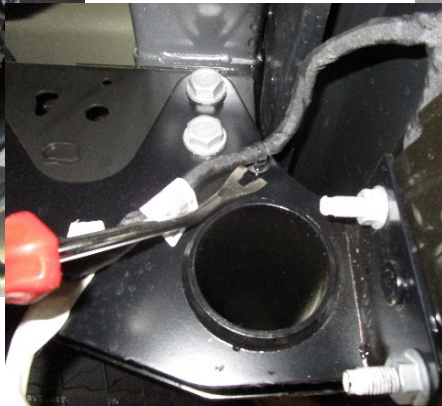
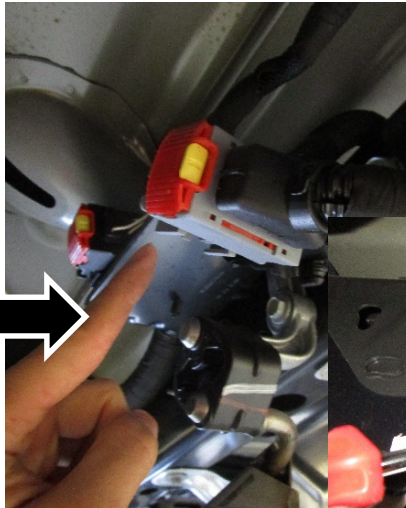
1. **Lower spare tire** – Locate spare tire lowering tools under passenger side seat, lower spare tire and set aside for reinstallation later.
 2. **Remove Bumper** – Unplug electrical connector at the outside of the driverside framerail, pry out plastic connectors that hold the bumper wiring to the OEM hitch. Remove (2) M10 bolts from behind the license plate with a 15mm socket. Remove (4) M10 nuts (2 each side) that attach the bumper to the OEM hitch using a 16mm socket, **BE SURE TO SUPPORT THE BUMPER DURING THIS STEP.** Remove bumper.
 3. **Remove OEM hitch** – Remove (8) M14 bolts from OEM hitch (4) each side, (3) bolts in the side of the framerail and one in the bottom with a 21mm socket. Save the bolts for reinstallation later. Remove OEM hitch.
 4. **Remove heat shield bolts** – Remove (3) M6 bolts from the exhaust heat shields with a 10mm socket, (1) from the driverside framerail and (2) from the passenger side framerail. Using a metal hammer flatten the heat shield tabs against the truck frame, they will be sandwiched between the hitch and the truck frame.
 5. **Install hitch** - Raise hitch into position, align the 3rd slot from the rear with the weldnut in the bottom of the frame, install the shorter M14 bolt (removed from the bottom of the truck frame earlier) through the hitch and into the existing weldnut in the truck frame. Repeat for each side. Fishwire the carriage bolts (item 1) and spacers (item 3) (offset hole) into the frame into the forwardmost slot on the hitch. Fishwire carriage bolts (item 1) and spacers (item 4) into the remaining slots on the hitch. Install conical tooth washers (item 5) teeth toward hitch and heavy hex nuts (item 2) onto carriage bolts. Repeat for each side.
 6. **Install bumper brackets** - Place bumper bracket into position, install 2 long M14 fasteners that were removed earlier through the bumper bracket and truck frame, install the 5/8" conical tooth washer (item 6) teeth side toward hitch and M14 nut (item 7). Install the 1/2" hex bolt (item 8) and 1/2" conical tooth washer (item 5) teeth side toward hitch, through the bumper bracket and hitch side bracket, install 1/2" conical washer (item 5) teeth side toward hitch and 1/2" hex nut (item 9) onto hex bolt. Repeat for each side.
 7. **Install bumper** – Place bumper into position, aligning studs in bumper with holes in hitch bumper bracket. Install 7/16" conical tooth washer (item 11) teeth side toward bumper bracket and M10 hex nut (item 12) onto bumper studs. Repeat for each side. Install M10 bolts (item 10) with 7/16" conical tooth washer (item 11) teeth side towards bumper through holes in bumper in license plate area. Install 7/16" conical washer (item 11) teeth side towards hitch and M10 hex nut (item 12) onto the M10 bolts. *Adjust bumper position as necessary for proper alignment.*
 8. **Reattach electrical connector**- Plug in the electrical connector and zip tie into position.
 9. **Torque fasteners** - **Tighten all M14 fasteners with torque wrench to 100 Lb.-Ft. (136 N*M), 1/2-13 Gr8 fasteners with torque wrench to 110 Lb.-Ft. (149 N*M), 1/2-13 Gr5 fasteners with torque wrench to 75 Lb.-Ft. (102 N*M), M10 fasteners with torque wrench to 42 Lb.-Ft. (57 N*M).**
-  Proper torque is needed to keep the hitch secure to the vehicle when towing.
10. **Reinstall spare tire** – Raise spare tire back into position.
Return OEM hitch and remaining fasteners to vehicle owner.

Note: check hitch frequently, making sure all fasteners and ball are properly tightened. If hitch is removed, plug all holes in trunk pan or other body panels to prevent entry of water and exhaust fumes. A hitch or ball which has been damaged should be removed and replaced. Observe safety precautions when working beneath a vehicle and wear eye protection. Do not cut access or attachment holes with a torch. 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.

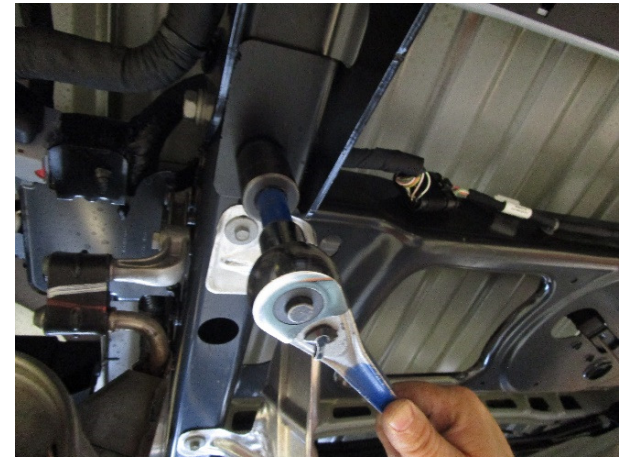
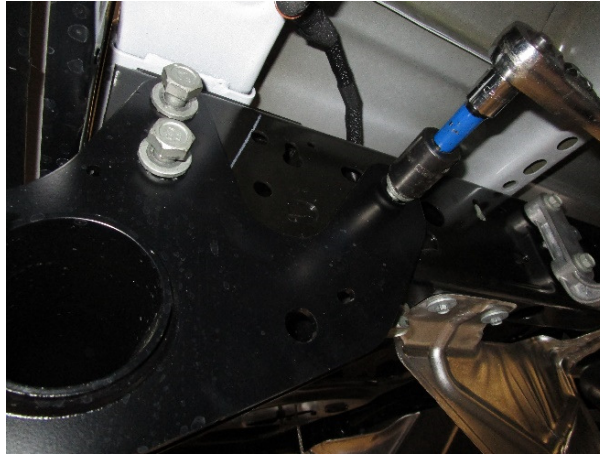
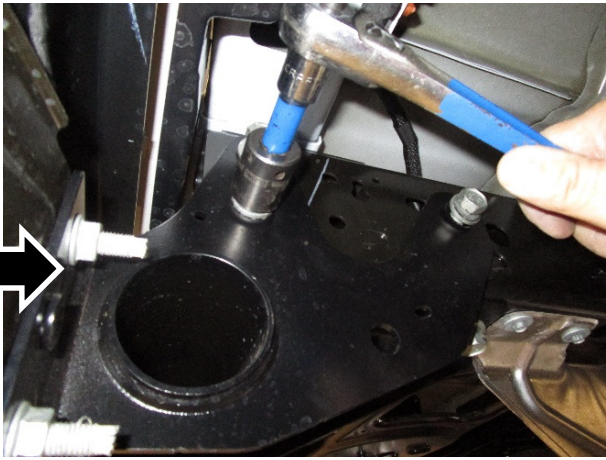
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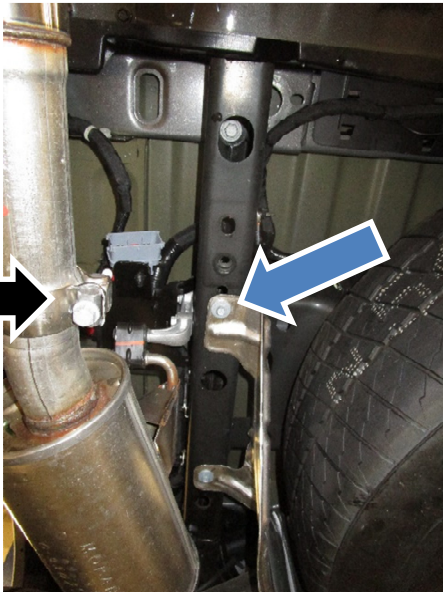
2. Remove Bumper – Unplug electrical connector at the outside of the driverside framerail, pry out plastic connectors that hold the bumper wiring to the OEM hitch. Remove (2) M10 bolts from behind the license plate with a 15mm socket. Remove (4) M10 nuts (2 each side) that attach the bumper to the OEM hitch using a 16mm socket, ***BE SURE TO SUPPORT THE BUMPER DURING THIS STEP.*** Remove bumper.



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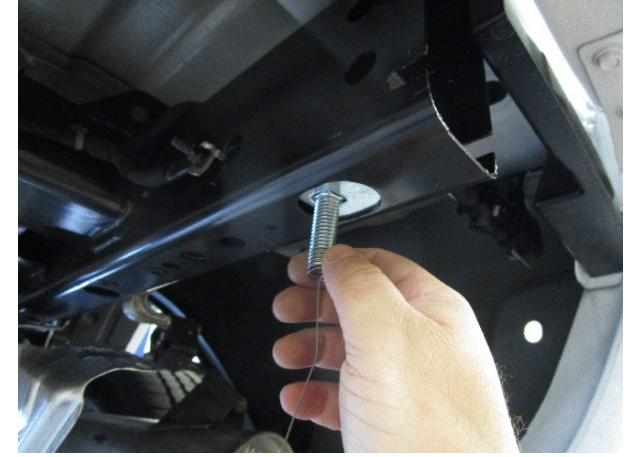
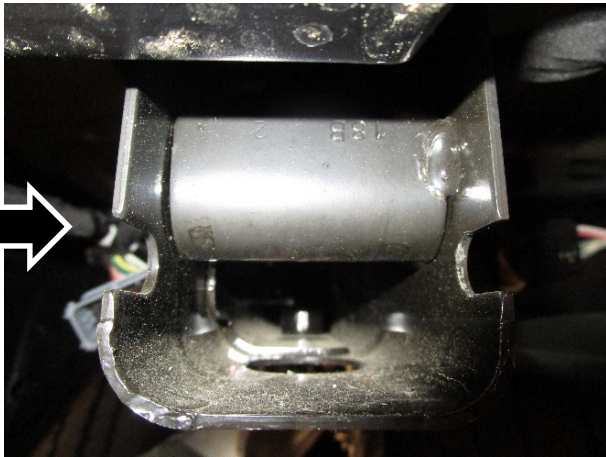
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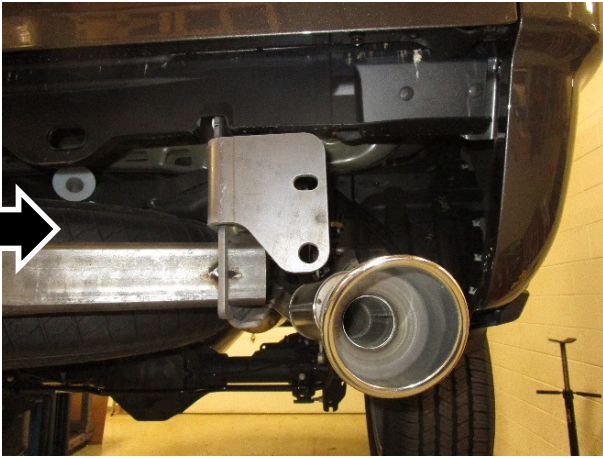
5a. Install hitch - Raise hitch into position, align the 3rd slot from the rear with the weldnut in the bottom of the frame, install the shorter M14 bolt (removed from the bottom of the truck frame earlier) through the hitch and into the existing weldnut in the truck frame. Repeat for each side.



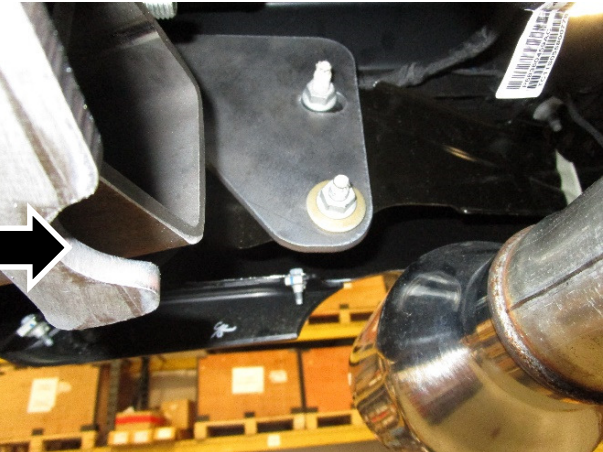
5b. Fishwire the carriage bolts (item 1) and spacers (item 3) (offset hole) into the frame into the forwardmost slot on the hitch. Fishwire carriage bolts (item 1) and spacers (item 4) into the remaining slots on the hitch. Install conical tooth washers (item 5) teeth toward hitch and heavy hex nuts (item 2) onto carriage bolts. Repeat for each side.



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7. Install bumper – Place bumper into position, aligning studs in bumper with holes in hitch bumper bracket. Install 7/16" conical tooth washer (item 11) teeth side toward bumper bracket and M10 hex nut (item 12) onto bumper studs. Repeat for each side. Install M10 bolts (item 10) with 7/16" conical tooth washer (item 11) teeth side towards bumper through holes in bumper in license plate area. Install 7/16" conical washer (item 11) teeth side towards hitch and M10 hex nut (item 12) onto the M10 bolts. *Adjust bumper position as necessary for proper alignment.*



8. Reattach electrical connector- Plug in the electrical connector and zip tie into position.



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