



Installation Instructions

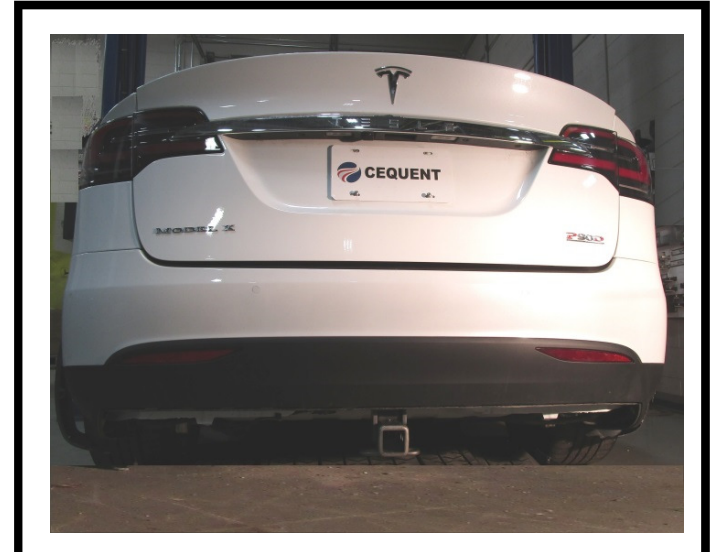
PART NUMBERS: 76143, 84143, CQT76143

Applications:

Years	Make	Models
2016-Current*	Tesla	Model X

Installation Time: 75 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.



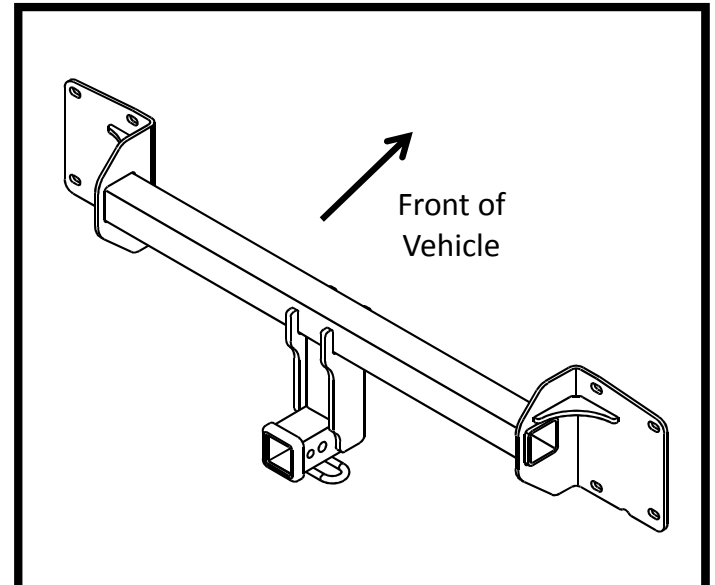
Representative Vehicle Photo

Equipment Required:

Safety Glasses	Ratchet	10mm 15 mm Sockets	Torque Wrench	Socket Extension	Flat Head Screw Driver
T25 & T30 Torx bit	Plastic Trim Tools	Tape Measure	Marker	Utility Knife	

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

Hitch Type	Max Gross Trailer Weight	Max Tongue Weight
Weight Carrying	5000 lb. (2270 kg)	750 lb. (341 kg)
Weight Distributing	N/A	N/A



Hitch Illustration

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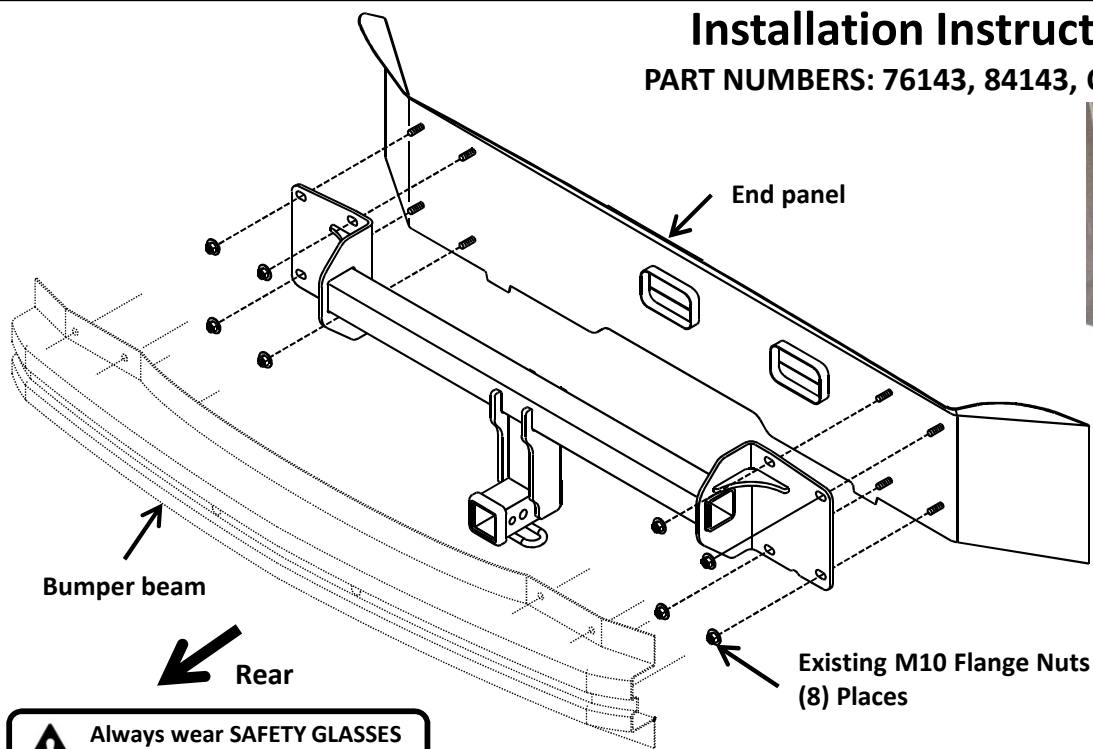


Figure 1

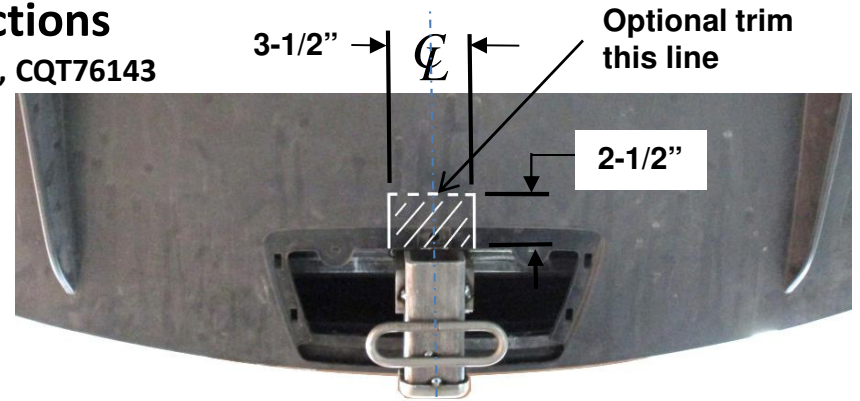


Figure 2

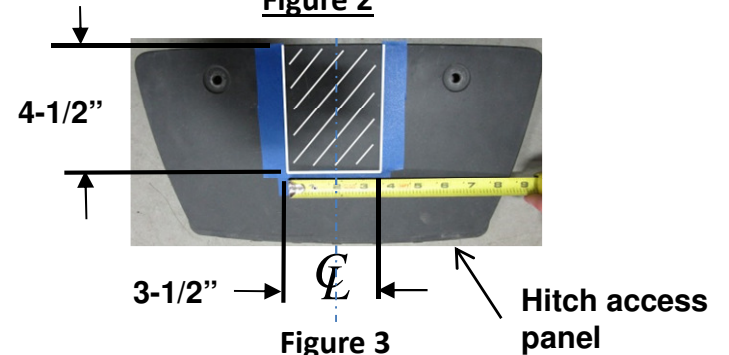


Figure 3

Always wear SAFETY GLASSES when installing hitch

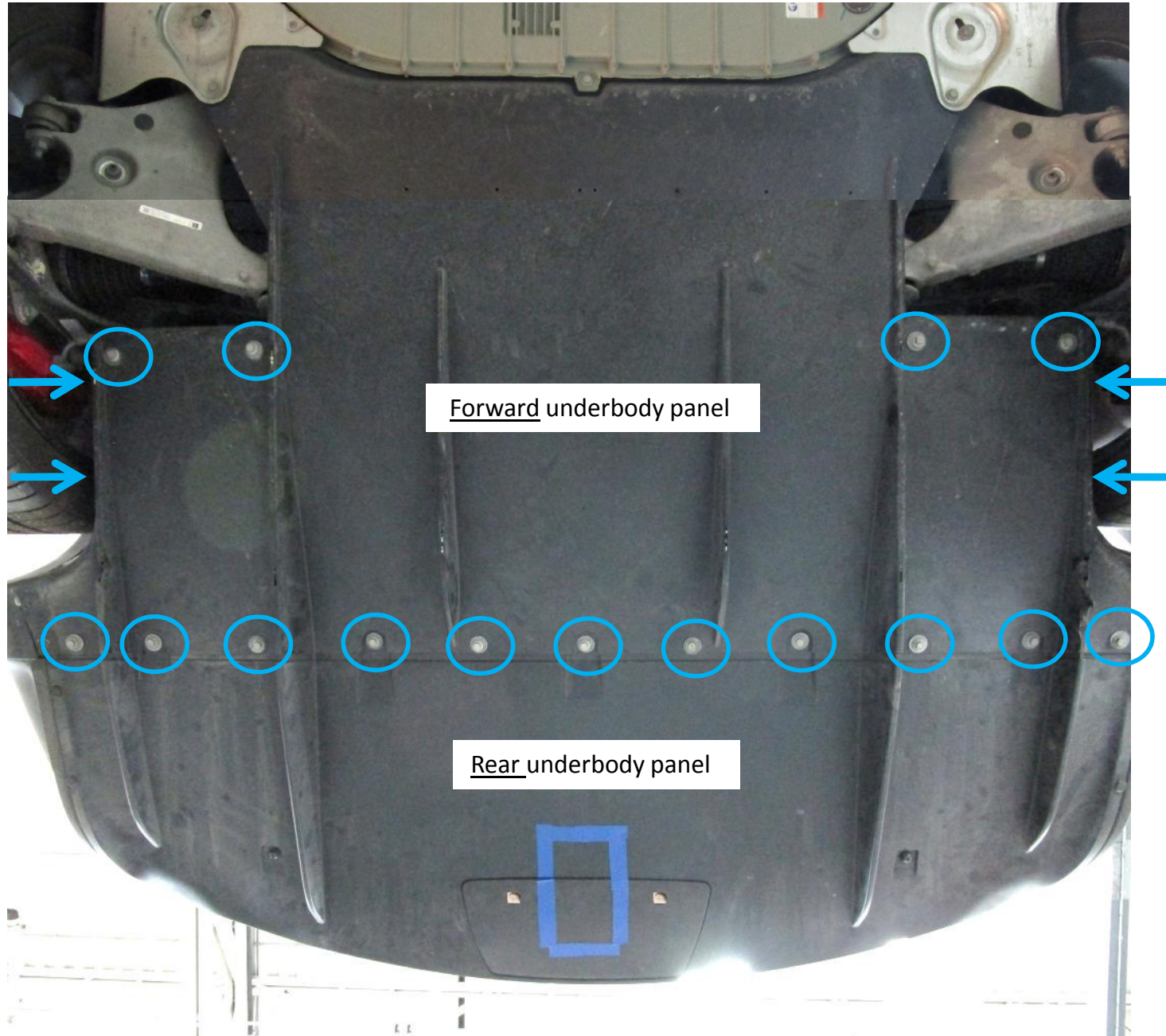
1. **Lower forward underbody panel** – using a 10mm socket, remove (19) screws & flat washers holding the forward underbody panel to the rear underbody panel. **NOTE:** There are (4) screws located in the wheel well area, horizontally, (2) per side. **NOTE: DO NOT** remove the (3) forward most screws from panel. Support the panel as needed.
2. **Remove hitch access panel** – Using a flat screw driver, remove (2) push pin rivets and remove hitch access panel.
- 3a. **Remove fascia** – Using a T30 torx bit, remove (2) screws from the rear underbody panel.
 - b.) Using a 10mm socket, remove (2) flange nuts from the wheel well liner, both sides.
 - c.) Using a flat screw driver, remove (2) push pin rivets from wheel well liner, both sides.
 - d.) Using a T25 torx bit, remove (1) screw located vertically in the upper area fascia behind the wheel well liner, both sides.
 - e.) Using a plastic trim panel tool, remove the lower part of wheel well trim by unclipping the tabs from fascia and gently pulling on trim.
 - f.) Open the rear liftgate. Remove the (2) plastic liftgate bump stops.
 - g.) Using a plastic trim panel tool, lift the molding near bump stop, and using a 10mm socket, remove (1) screw per side holding the fascia.
 - h.) Using a plastic trim panel tool, remove the fascia starting at the outer edges near wheel wells, and gently pulling the fascia.
 - i.) Disconnect the (2) wiring harnesses and set fascia aside.
4. **Remove bumper beam** – using a 15mm socket, remove (8) flange nuts, (4) per side. Remove the bumper beam and return to vehicle owner.
5. **Trim fascia** - using a tape measure, marker, and utility knife, cut a notch in the lower part of the fascia underbody panel approximately 3-1/2" wide x 2-1/2" deep, centered on vehicle as shown. **See Figure 2.**
6. **Install hitch** - Raise hitch into position aligning holes in hitch with studs on end panel. Loosely reinstall the existing (8) hex flange nuts onto bumper studs, (4) per side. **See Figure 1.**
7. **Tighten all CL10 hex flange nuts with torque wrench to 42 Lb.-Ft. (57 N*M)** **⚠ Proper torque is needed to keep the hitch secure to the vehicle when towing.**
8. **Reinstall** the fascia, wiring, and all trim using the original hardware removed in steps 1, 2, and 3. Be sure to reconnect all wiring harnesses.
9. **Trim hitch access panel** – using a tape measure, marker, and a utility knife, cut a notch in hitch access panel approximately 3-1/2" wide x 4-1/2" deep. **See Figure 3.**

*** Or return hitch access panel and (2) push pin rivets to vehicle owner.**

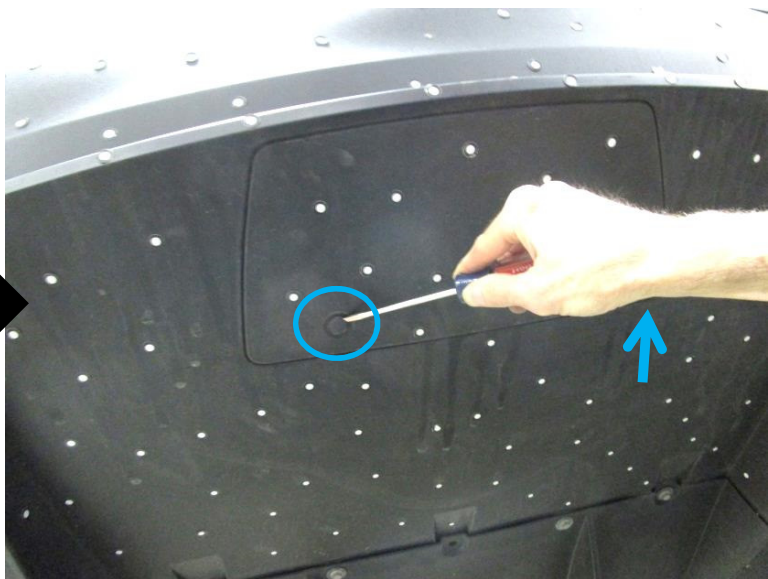
Note: check hitch frequently, making sure all fasteners and ball are properly tightened. If hitch is removed, plug all holes in trunk pan or other body panels to prevent entry of water and exhaust fumes. A hitch or ball which has been damaged should be removed and replaced. Observe safety precautions 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.

1. **Lower forward underbody panel** – using a 10mm socket, remove (19) screws & flat washers holding the forward underbody panel to the rear underbody panel. **NOTE:** There are (4) screws located in the wheel well area, horizontally, (2) per side. **NOTE: DO NOT** remove the (3) forward most screws from panel. Support the panel as needed.



2. Remove hitch access panel – Using a flat screw driver, remove (2) push pin rivets and remove hitch access panel.



3a. Remove fascia – Using a T30 torx bit, remove (2) screws from the rear underbody panel.



3b. Remove fascia - Using a 10mm socket, remove (2) flange nuts from the wheel well liner, both sides.



3c. Remove fascia – Using a flat screw driver, remove (2) push pin rivets from wheel well liner, both sides.



3d. Remove fascia – Using a T25 torx bit, remove (1) screw located vertically in the upper area fascia behind the wheel well liner, both sides.



3e. Remove fascia – Using a plastic trim panel tool, remove the lower part of wheel well trim by unclipping the tabs from fascia and gently pulling on trim.



3f. Open the rear liftgate. Remove the (2) plastic liftgate bump stops.



3g. Remove fascia – Using a plastic trim panel tool, lift the molding near bump stop, and using a 10mm socket, remove (1) screw per side holding the fascia.



3h. Remove fascia – Using a plastic trim panel tool, remove the fascia starting at the outer edges near wheel wells, and gently pulling the fascia.



3i. Remove fascia – Disconnect the (2) wiring harnesses and set fascia aside.



4. Remove bumper beam – using a 15mm socket, remove (8) flange nuts, (4) per side. Remove the bumper beam and return to vehicle owner.



5. Trim fascia - using a tape measure, marker, and utility knife, cut a notch in the lower part of the fascia underbody panel approximately 3-1/2" wide x 2-1/2" deep, centered on vehicle as shown. See Figure 2.

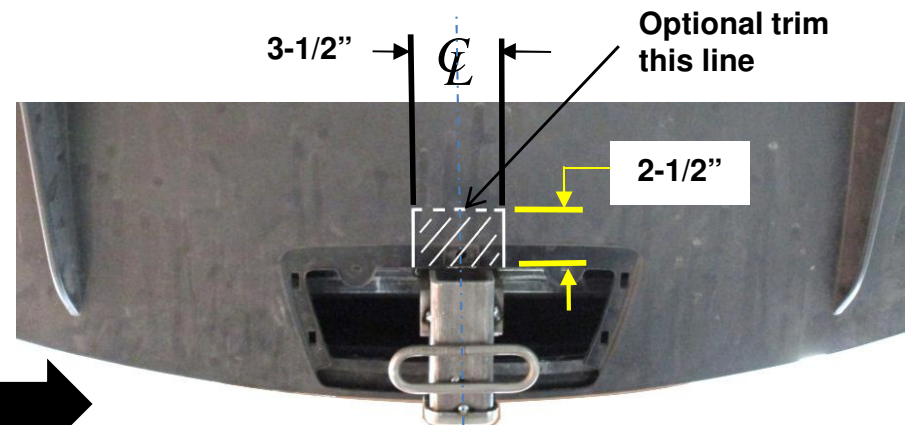
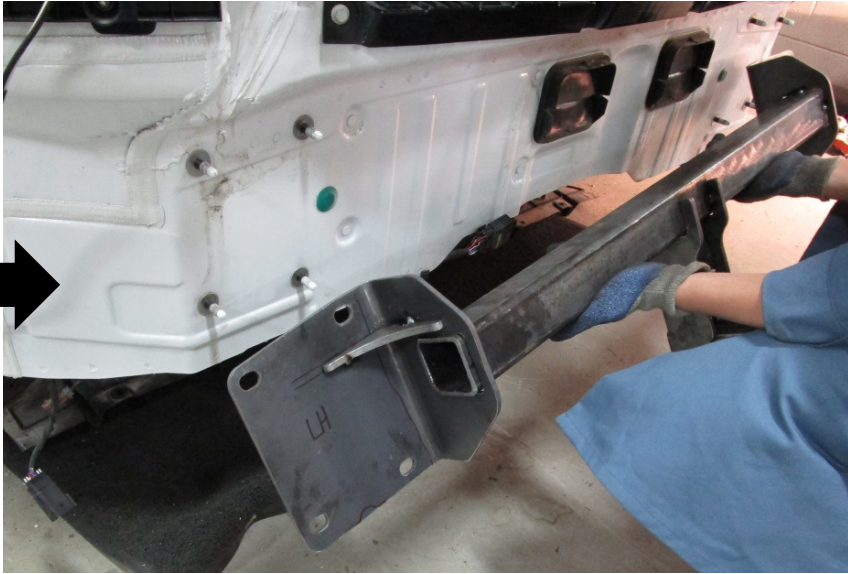


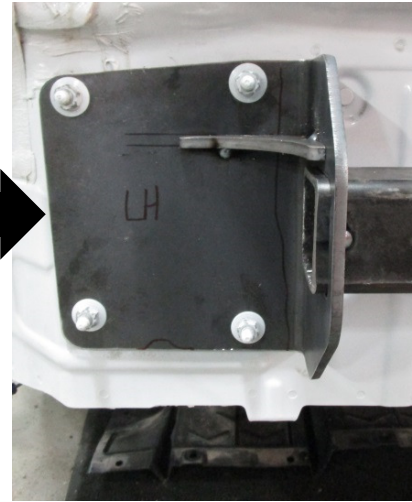
Figure 2

6. **Install hitch** - Raise hitch into position aligning holes in hitch with studs on end panel. Loosely reinstall the existing (8) hex flange nuts onto bumper studs, (4) per side. See Figure 1.



7. **Tighten all CL10 hex flange nuts with torque wrench to 42 Lb.-Ft. (57 N*M)**

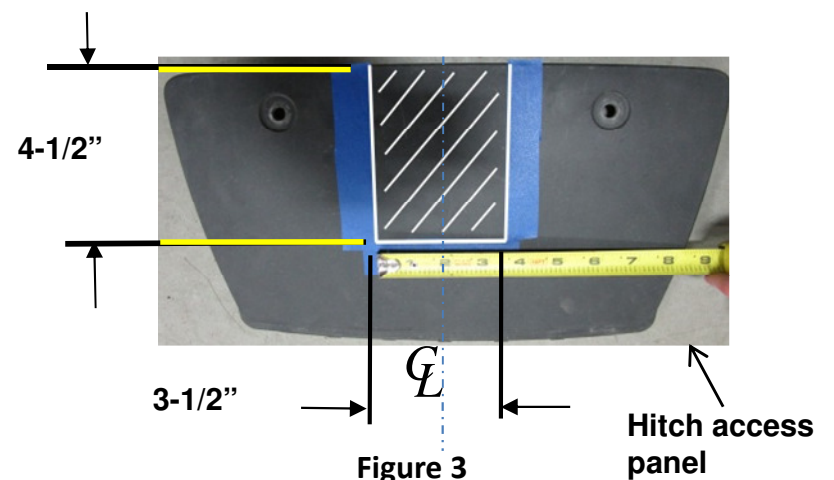
⚠ Proper torque is needed to keep the hitch secure to the vehicle when towing.



8. **Reinstall the fascia, wiring, and all trim** using the original hardware removed in steps 1, 2, and 3. Be sure to reconnect all wiring harnesses.



9. **Trim hitch access panel** – using a tape measure, marker using a utility knife, cut a notch in hitch access panel approximately 3-1/2" wide x 4-1/2" deep. See figure 3. * Or return hitch access panel and (2) push pin rivets to vehicle owner.



Check out a selection of trailer hitches and towing offered in our online store.