



Installation Instructions

PART NUMBERS: 75540, 84540, CQT75540



Applications:

Years	Make	Models
2016-Current*	Lexus	RX350/450h

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

**Installation Time: 20 min RX350
40 min RX450H**

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.



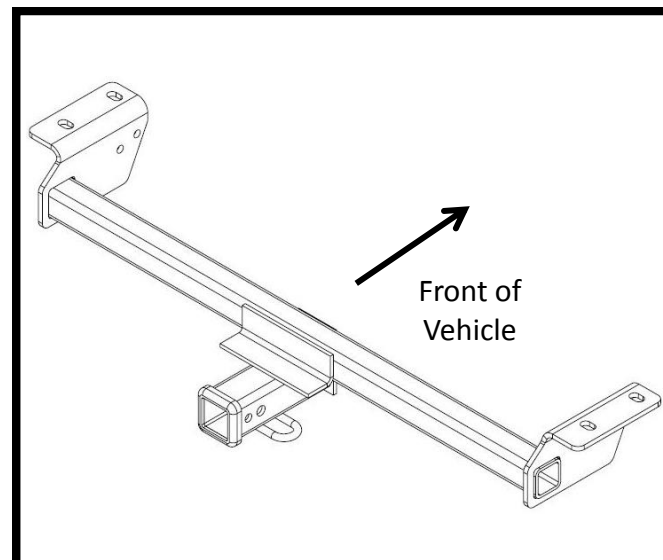
Representative Vehicle Photo

Equipment Required:

Safety Glasses	Ratchet	10 mm 12 mm 14 mm 17 mm 19 mm Sockets	Torque Wrench	6" Socket Extension	Flat Head Screw Driver
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**DO NOT EXCEED LOWER OF TOWING VEHICLE
MANUFACTURER'S RATING OR:**

Hitch Type	Max Gross Trailer Weight	Max Tongue Weight
Weight Carrying	4500 lb. (2043 kg)	675 lb. (306 kg)
Weight Distributing	4500 lb. (2043 kg)	675 lb. (306 kg)



Hitch Illustration





Always wear SAFETY GLASSES
when installing hitch

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THIS PAGE IS FOR RX350 ONLY

Fastener Kit: 75540F

①	Qty. (4)	Bolt M12x1.25x40 CL10.9	
②	Qty. (4)	Conical washer 1/2"	

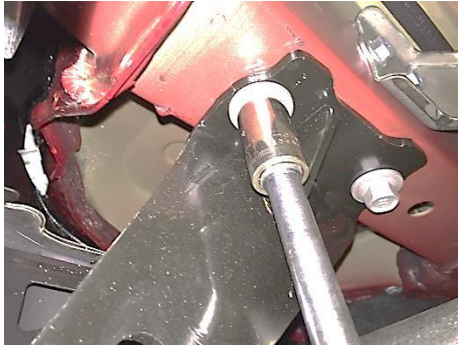
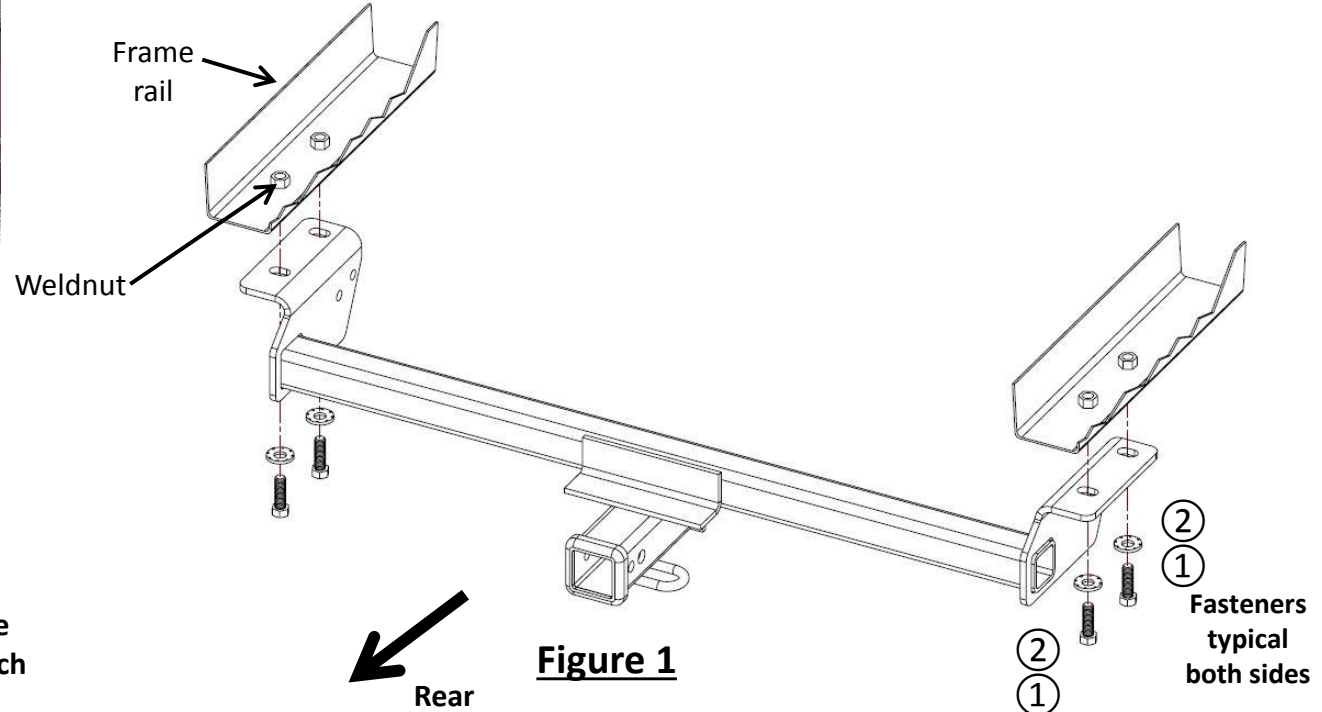


Figure 2



Tie down bracket and weldnut cover removal

1. Use 17 mm socket to remove (2) bolts from tie down bracket on passenger side, see Figure 2. Return tie down bracket to vehicle owner.
2. Remove plastic caps from 2 rearmost existing weldnuts on the driver side, (a couple light twists with a standard screwdriver makes this easier) remove the rearmost rubber plug from the hole between the two weldnuts that were exposed earlier on the driver side.

Hitch installation

1. Raise the hitch into position over existing weldnuts and install M12 bolt ① and conical washer ② (teeth side against hitch) into weldnuts.
2. **Tighten all fasteners with torque wrench to 76 Lb.-Ft. (103 N*M)**

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

***Bend exhaust heat shield as necessary to keep from touching the hitch.**

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.

Use 17 mm socket to remove (2) bolts from tie down bracket on passenger side, see Figure 2. Return tie down bracket to vehicle owner.



Remove plastic caps from 2 rearmost existing weldnuts on the driver side, (a couple light twists with a standard screwdriver makes this easier) remove the rearmost rubber plug from the hole between the two weldnuts that were exposed earlier on the driver side.



Raise the hitch into position over existing weldnuts and install M12 bolt ① and conical washer ② (teeth side against hitch) into weldnuts.

Tighten all fasteners with torque wrench to 76 Lb.-Ft. (103 N*M)

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









Always wear **SAFETY GLASSES** when installing hitch

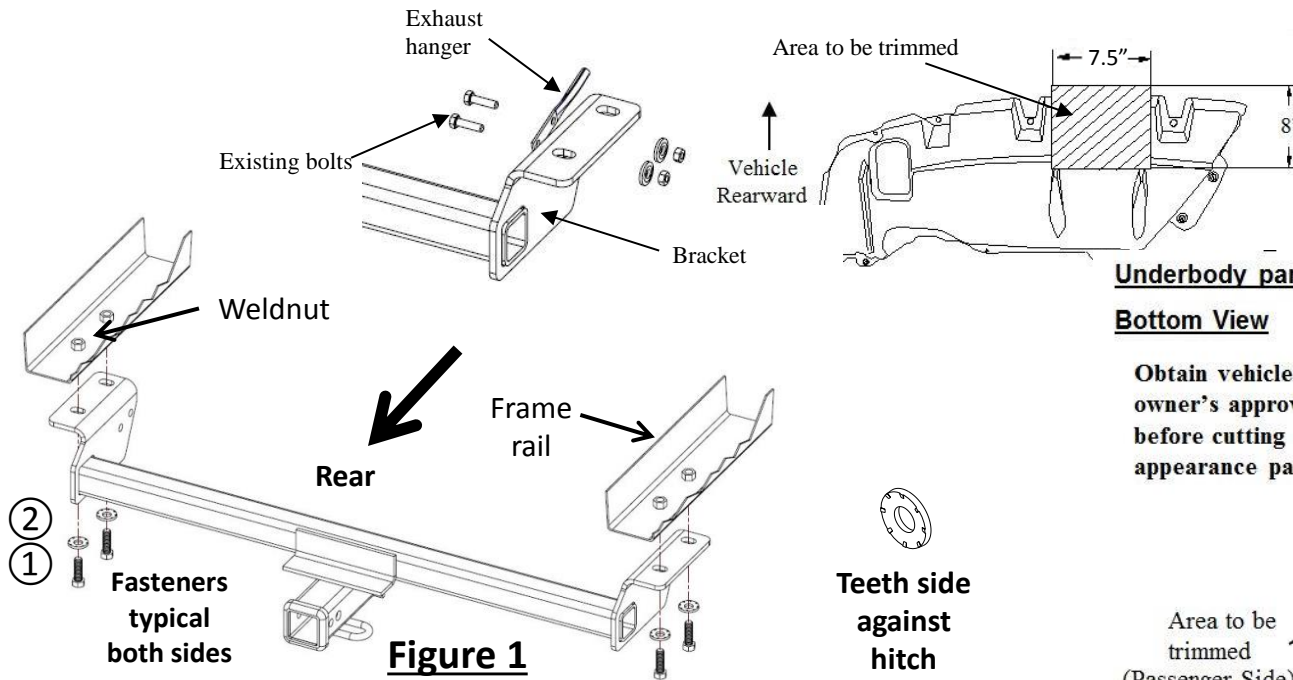
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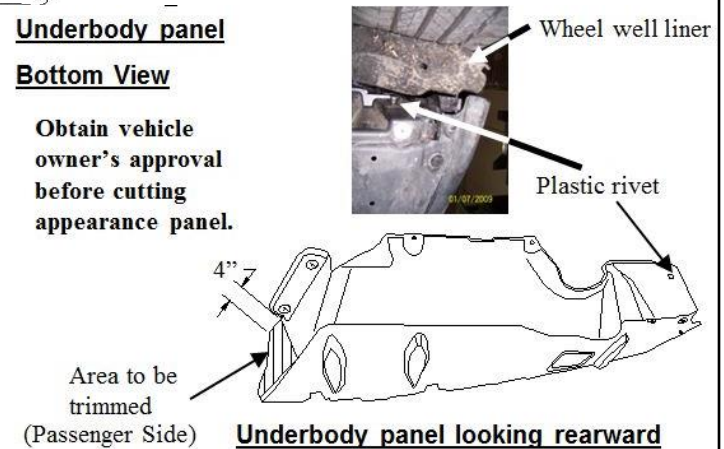
Fastener Kit: 75540F

①	Qty. (4)	Bolt M12x1.25x40 CL10.9	
②	Qty. (4)	Conical washer 1/2 "	
③	Qty. (2)	Conical washer 3/8 "	
④	Qty. (2)	Nut M8 X 1.25 CL10	



Underbody panel
Bottom View

Obtain vehicle owner's approval before cutting appearance panel.



Underbody panel looking rearward

Underbody panel and tow loop removal

1. Remove 13 fasteners that secure the underbody panel, using a flat head screwdriver and 10mm socket. 1 plunger style fastener is hidden behind the wheel well trim on driver side (see photo above). Appearance panel to be reinstalled after trimming.
2. Using a 17mm socket remove the towloop from the passenger side frame rail. Remove the 3 rearmost hole plugs from the driver side frame rail and return to vehicle owner along with the towloop and fasteners.

Hitch installation

1. Remove the ((2-M8) 12mm socket bolts holding the exhaust hanger in place Retain bolts for reinstallation
2. Raise hitch over the exhaust and into position.
3. Install M12 bolts and conical washer as shown. Hand tighten. Check to assure hitch is centered on vehicle.
4. **Tighten all M10 fasteners with torque wrench to 53Lb.-Ft. (72 N*M) and M8 fasteners to 27Lb.-Ft. (37N*M)**
 ⚠ Proper torque is needed to keep the hitch secure to the vehicle when towing.
5. Attach the exhaust hanger to the bracket of the hitch as shown, with the existing M8 bolts and new conical washers and nut from fastener kit. Torque all fasteners to specifications.

Underbody panel trim

1. Trim appearance panel (2 places) as shown. Obtain vehicle owner's approval before cutting appearance panel.
2. Reinstall appearance panel. Note: slide rear of panel in place first for ease of installation.

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.

Remove 13 fasteners that secure the underbody panel, using a flat head screwdriver and 10mm socket. 1 plunger style fastener is hidden behind the wheel well trim on driver side (see photo above). Appearance panel to be reinstalled after trimming.



Using a 17mm socket remove the towloop from the passenger side frame rail. Remove the 3 rearmost hole plugs from the driver side frame rail and return to vehicle owner along with the towloop and fasteners.



Remove the ((2-M8) 12mm socket) bolts holding the exhaust hanger in place. Retain bolts for reinstallation



Raise hitch over the exhaust and into position.



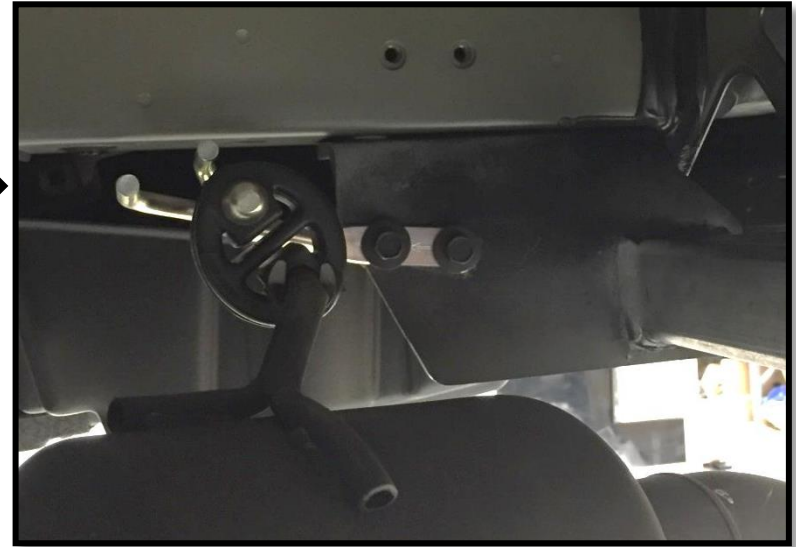
Install M12 bolts and conical washer as shown. Hand tighten. Check to assure hitch is centered on vehicle.

Tighten all M10 fasteners with torque wrench to 53lb.-Ft. (72 N*M) and M8 fasteners to 27lb.-Ft. (37N*M)

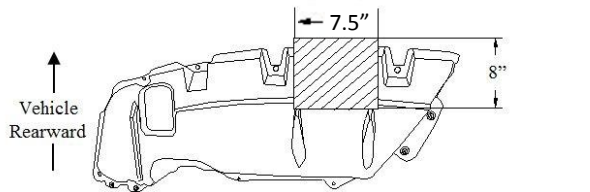
▲ Proper torque is needed to keep the hitch secure to the vehicle when towing.



Attach the exhaust hanger to the bracket of the hitch as shown, with the existing M8 bolts and new conical washers and nut from fastener kit. Torque all fasteners to specifications.



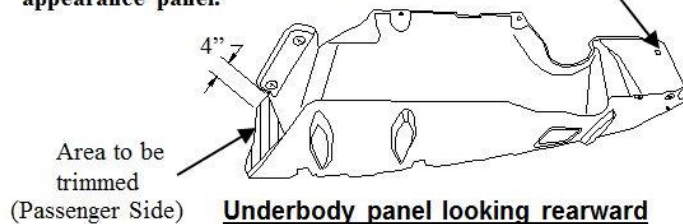
Trim appearance panel (2 places) as shown. Obtain vehicle owner's approval before cutting appearance



Underbody panel

Bottom View

Obtain vehicle owner's approval before cutting appearance panel.



Reinstall appearance panel. Note: slide rear of panel in place first for ease of installation.



Learn more about trailer hitches and towing we have.