



Installation Instructions

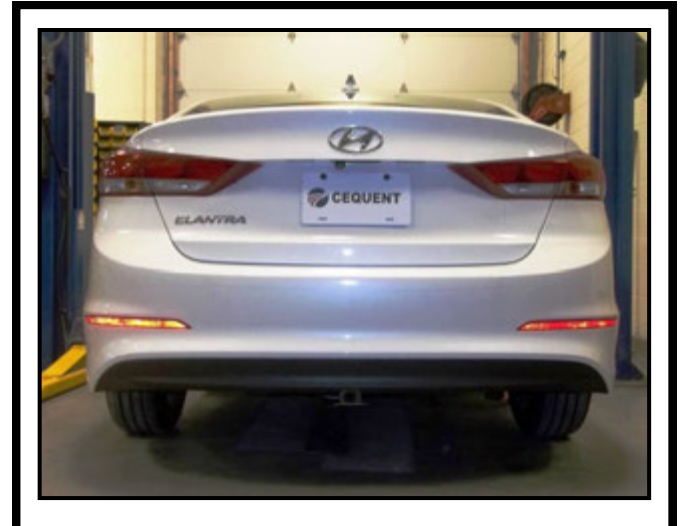
PART NUMBERS: 24939, 77939, CQT24939

Applications:

Years	Make	Models
2017-Current*	Hyundai	Elantra

Installation Time: **50 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.



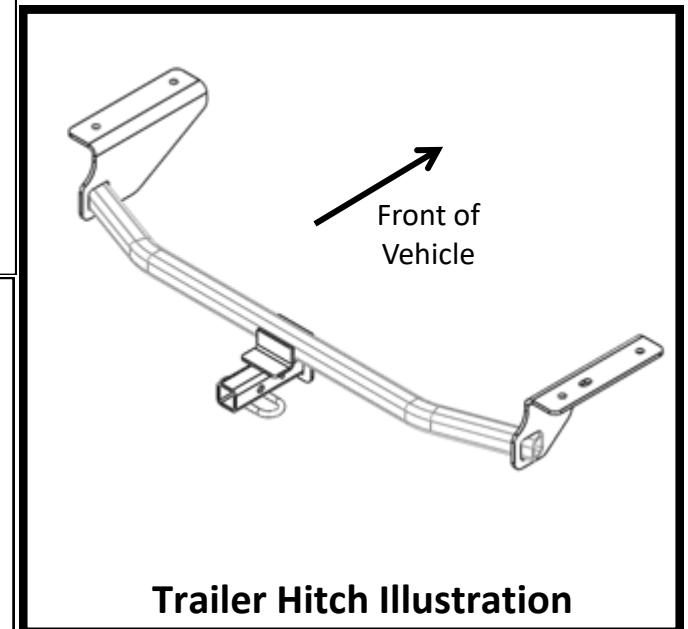
Representative Vehicle Photo

Equipment Required:

Safety Glasses	Ratchet	10 mm 11/16" Sockets	Torque Wrench	Utility Knife	Tape	
Flat Head Screw Driver	Philips Screwdriver	Marker	Drill and 1/2" drill bit	Tape Measure	Lubricant or Soapy water	Tin Snips

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

Hitch Type	Max Gross Trailer Weight	Max Tongue Weight
Weight Carrying	2000 lb. (908 kg)	200 lb. (90 kg)
Weight Distributing	X	X



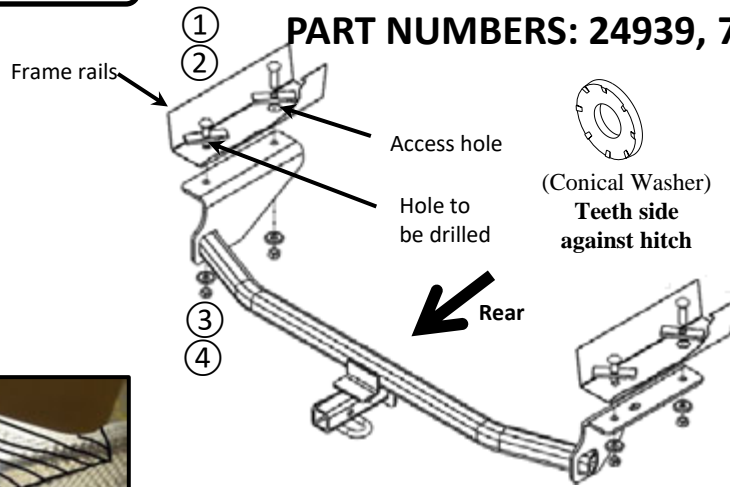
Trailer Hitch Illustration



Always wear **SAFETY GLASSES** when installing hitch

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FASTENER KIT : 2 4 9 3 9 F			
①	Qty. (4)	Carriage bolt 7/16-14 x 1.75 GR5	
②	Qty. (4)	Spacer .250 x .875 x 3	
③	Qty. (4)	Conical washer 7/16"	
④	Qty. (4)	Hex Nut 7/16-14 GR2	
⑤	Qty. (4)	Fish wire 7/16"	



Figure 2

Figure 1

Note: Fasteners typical both sides

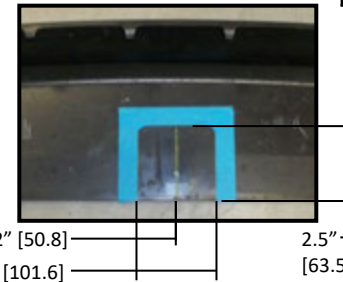
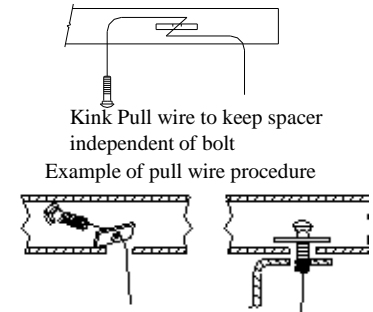



Figure 3

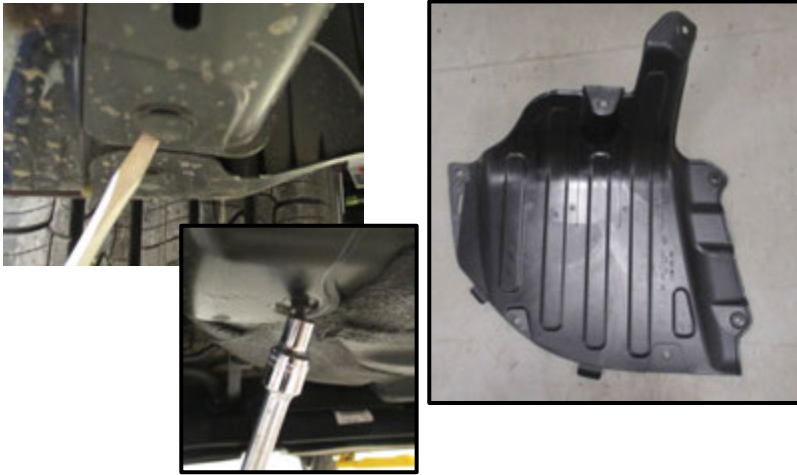


- 1. Remove appearance panel** – Remove appearance panel which covers the driver's side frame rail. Remove 10mm hex nuts and plastic rivets (Rivets are released by first pulling out center post of rivet with small flat edge screwdriver). Remove rubber plugs from the frame rail, if present. Return plugs to owner.
- 2. Lower muffler & remove heat shield** - Lower exhaust (2) rubber isolator hangers, one on side and rear of muffler. Note: Spraying a lubricant or soapy water on the metal hanger rod and the rubber isolator helps removal. Remove heat shield using 10mm socket. Trim as shown. See figure 2.
- 3. Remove lower fascia trim** – Confirm and mark center of lower fascia. Remove plastic rivet at bottom of fascia. Remove (1) screw each side, located inside fascia at the lower attaching point with philips screwdriver. Gently separate the lower fascia trim from the rear fascia pulling the trim upward (if necessary apply minimum pressure to tabs located on the inside of the rear fascia. Remove remaining plastic fascia tabs.
- 4. Raise hitch for template** – Using reverse pull wire procedure, install items 1 & 2 into existing access hole in frame (leave pull wire attached to item 1). Feed the pull wire through the forward holes on the hitch. Raise hitch into place, feed item 3 over pull wire, using the conical washer to hold the bolt in place remove the pull wires and attach the hex nut. Hand tighten both sides. Check to assure hitch is even and centered on vehicle. Using the hitch as a template mark or center punch the (2) rearward holes on both sides.
- 5. Drill holes** – being careful lower hitch making sure not to knock forward bolts into frame rail. Re-attach pull wires and remove or push current fastener out of way. Drill holes and remove any burrs.
- 6. Install fasteners** – Install the rear fasteners into drilled holes. Feed the coiled end of the pull wire through the drilled hole in the frame rail and out the access hole. Pull the pull wire with fasteners into location through the hole. Leave pull wires attached. Repeat the same process on both frame rails. Re-install or pull forward fastener into place. Leave pull wires attached.
- 7. Re-install heat shield** – Re-install heat shield – Re-install trimmed heat shield. Sandwiching the remaining tab of heat shield between frame rail and hitch.
- 8. Install hitch** – Raise hitch into position, feed pull wire through corresponding holes on hitch. Using the conical washer to hold the bolt in place remove the pull wires and attach the hex nut. Tighten to hold hitch in place, repeat on all fasteners.
- 9. Tighten all 7/16-14 GR 5 fasteners with torque wrench to 50 Lb.-Ft. (68 N*M)**
 **Proper torque is needed to keep the hitch secure to the vehicle when towing.**
- 10. Trim lower fascia** - Trim lower fascia as shown. See figure 3. Recommend radius in corners.
- 11. Re-install fascia** – Re-attach (2) outside plastic fascia tabs. Re-install lower fascia starting at center and gently pushing tabs into corresponding slots. Re-install the screws at lower attaching points. Reinstall plastic rivets. Return center plastic fascia tab to owner.
- 12. Raise exhaust** - Raise exhaust back into position and reattach exhaust hangers disconnected in step 2. Note: Using a spraying a lubricant helps with reinstallation.
- 13. Re-install appearance panel** - Reinstall the appearance panel removed in step 1.

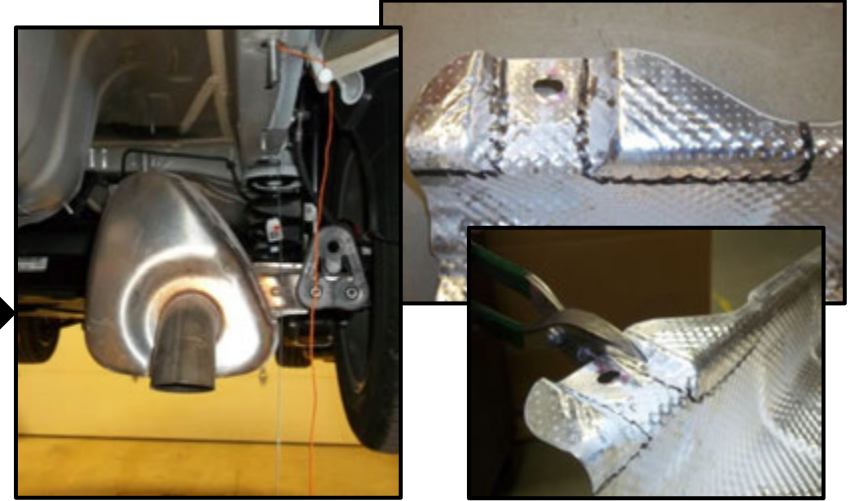
Note: check hitch frequently, making sure all fasteners and ball are properly tightened. If hitch is removed, plug all holes in trunk pan or other body panels to prevent entry of water and exhaust fumes. A hitch or ball which has been damaged should be removed and replaced. Observe safety precautions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

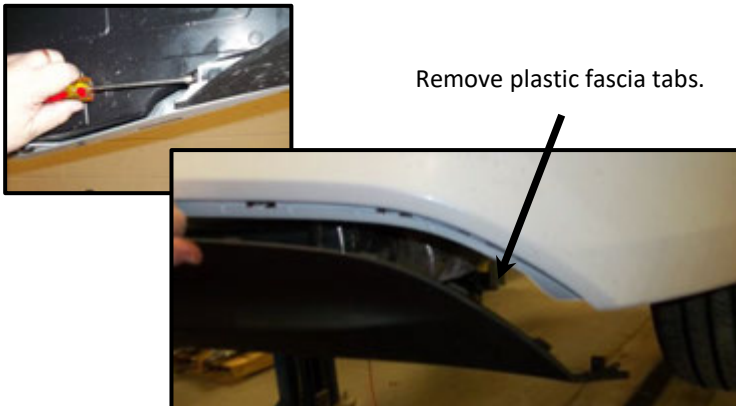
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2. Lower muffler & remove heat shield - Lower exhaust (2) rubber isolator hangers, one on side and rear of muffler. Note: Spraying a lubricant or soapy water on the metal hanger rod and the rubber isolator helps removal. Remove heat shield using 10mm socket. Trim as shown. See figure 2.



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5. Drill holes – being careful lower hitch making sure not to knock forward bolts into frame rail. Re-attach pull wires and remove or push current fastener out of way. Drill holes and remove any burrs.



6. Install fasteners – Install the rear fasteners into drilled holes. Feed the coiled end of the pull wire through the drilled hole in the frame rail and out the access hole. Pull the pull wire with fasteners into location through the hole. Leave pull wires attached. Repeat the same process on both frame rails. Re-install or pull forward fastener into place. Leave pull wires attached.



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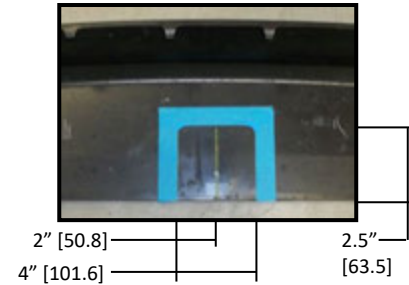


9. **Tighten all 7/16-14 GR 5 fasteners with torque wrench to 50 Lb.-Ft. (68 N*M)**

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



10. **Trim lower fascia** - Trim lower fascia as shown. See figure 3. Recommend radius in corners.



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13. **Re-install appearance panel** - Reinstall the appearance panel removed in step 1.