



# Installation Instructions

PART NUMBERS: 76138, 84138, CQT76138

## Applications:

Years	Make	Models
2013-Current*	Mazda	CX-5

## Installation Time: 20 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.



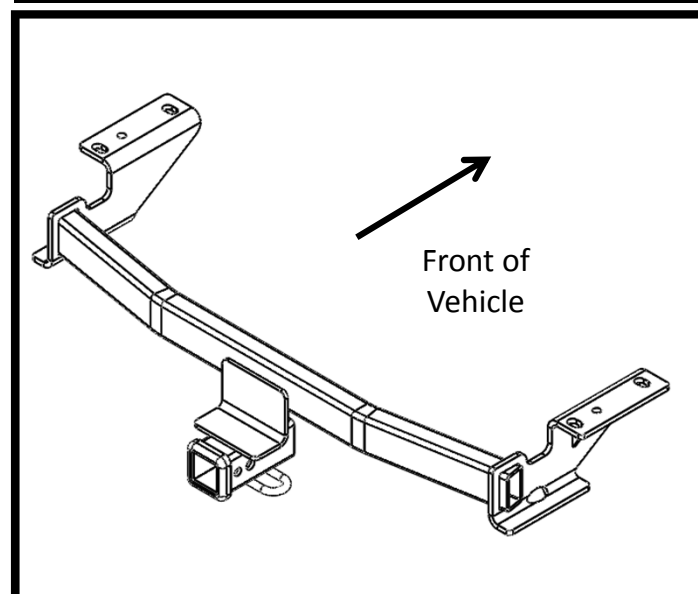
Representative Vehicle Photo

## Equipment Required:

Safety Glasses	Ratchet	6" socket Extension	Exhaust Removal Pliers	Pry Bar	Lubricant or Soapy water
3 / 4 "	Torque Wrench	* Optional Small Flat Head Screw Driver	* Optional Universal Joint Socket	* Optional Ratchet tie down	

## 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	DO NOT USE WITH	SPRING BARS








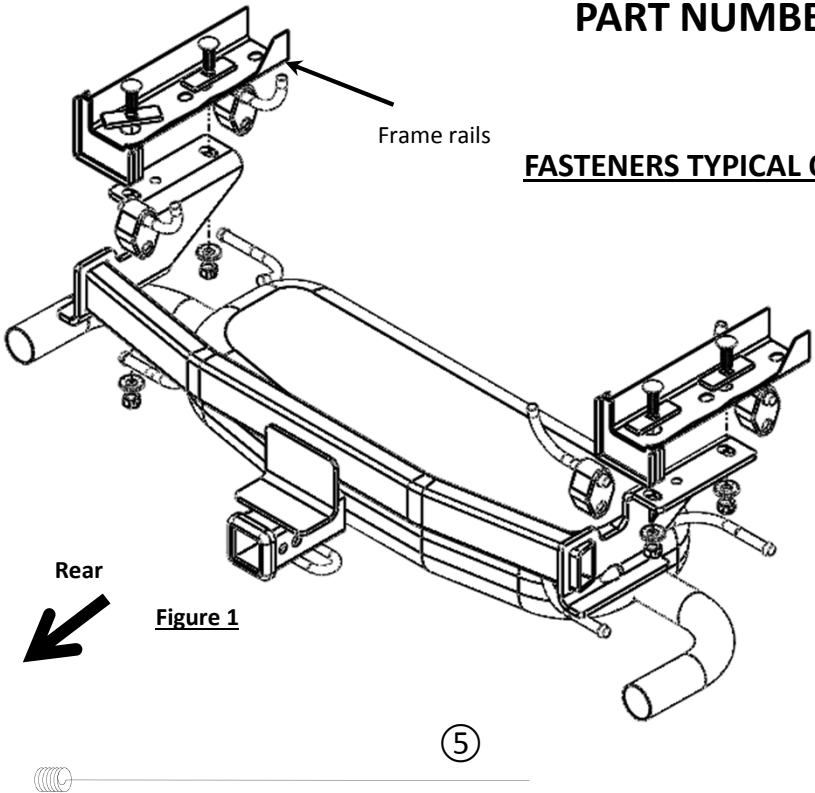
Hitch Illustration

**Always wear SAFETY GLASSES when installing hitch**

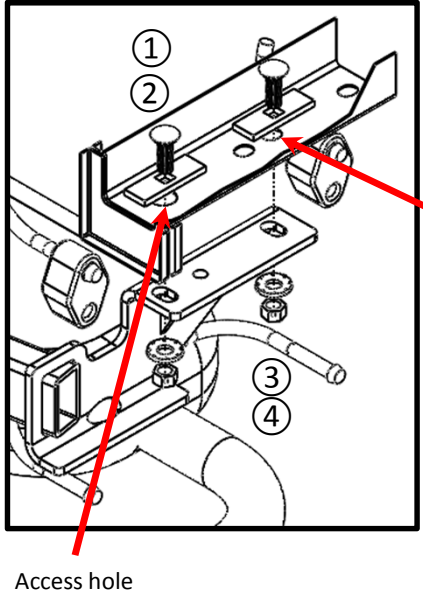
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## PART NUMBERS: 76138, 84138, CQT76138

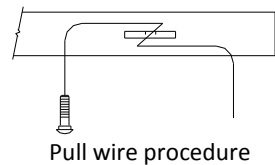
Fastener Kit : 76138F			
①	Qty. (4)	Carriage bolt ½-13 x 1.25 GR5	
②	Qty. (4)	Spacer .250 x 1 x3	
③	Qty. (4)	Conical washer ½"	
④	Qty. (4)	Hex Nut ½ -13 GR5	
⑤	Qty. (4)	Fish wire ½-13	



**FASTENERS TYPICAL ON BOTH SIDES**



Forward attachment hole

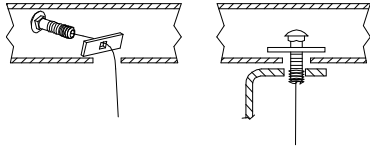


Pull wire procedure

**Figure 2**



(Conical Washer)  
Teeth side against hitch



Reverse pull wire procedure

**Figure 3**

- Support and lower exhaust:** Lower the exhaust by removing (4) rubber hangers, and support the exhaust to prevent it from falling under it's own weight. Spraying a lubricant or soapy water on the metal hanger rod and the rubber isolator helps removal.
  - Remove plastic rivets:** If present remove the plastic rivets that fasten the fascia tabs to the vehicle. Note: Remove the center of the rivet with a flat screwdriver. Keep for re-installation.
  - Install fasteners:** Feed the coiled end of the pull wire (5) through the bolt forward attachment hole in the frame and out the access hole. Attach feed spacer (2) onto the pull wire (5) and thread the carriage bolt (1) onto the pull wire (5). Pull the pull wire (5) with fasteners into location through the hole. Leave pull wire (5) attached. Repeat the same process on the both frame rails. See figure 2. Using the reverse pull wire procedure thread carriage bolt (1) onto the pull wire (5) and feed it into the access hole on the frame rail then feed the spacer (2) onto the pull wire (5) and feed it into the access hole and pull the carriage bolt (1) into position through the spacer. Leave the pull wire (5) attached. See figure 3.
  - Install hitch:** Raise the hitch above exhaust, feed pull wires (5) through the attachment points on hitch brackets. (Gently pull fascia rearward as needed to gain access between the fascia and exhaust hanger.)
  - Install fastener:** Feed conical washer (3) over pull wire (5), using the washer to hold the bolt in place remove the pull wires (5) and attach the hex nut (4). Hand tighten both sides.
  - Tighten all 1/2 GR5 fasteners to 75 lb-ft. (102 N\*M)** Note : A universal joint socket may be needed to tighten the rearward fasteners on both sides.
- ⚠ Proper torque is needed to keep the hitch secure to the vehicle when towing.**
- Reinstall exhaust:** Raise the exhaust back into position and remove the ratchet strap. Spraying a lubricant or soapy water on the metal hanger rod and the rubber isolator helps with reinstalling.
  - Reinstall plastic rivets if removed in step 2.

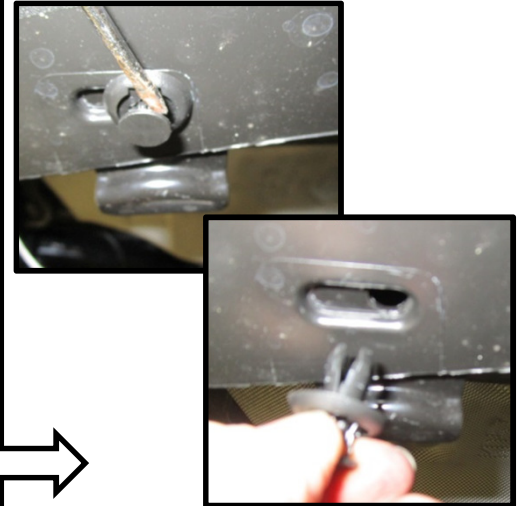
Note: check hitch frequently, making sure all fasteners and ball are properly tightened. If hitch is removed, plug all holes in trunk pan or other body panels to prevent entry of water and exhaust fumes. A hitch or ball which has been damaged should be removed and replaced. Observe safety precautions 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. Support and lower exhaust:** Lower the exhaust by removing (4) rubber hangers, and support the exhaust to prevent it from falling under its own weight. Spraying a lubricant or soapy water on the metal hanger rod and the rubber isolator helps removal.



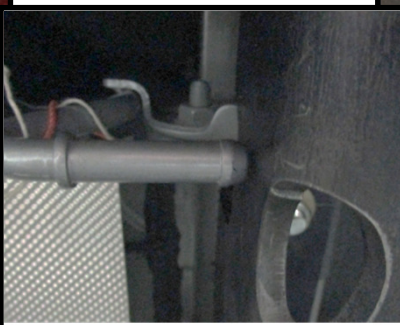
**2. Remove plastic rivets:** If present remove the plastic rivets that fasten the fascia tabs to the vehicle. Note: Remove the center of the rivet with a flat screwdriver. Keep for re-installation.



**3. Install fasteners:** Feed the coiled end of the pull wire ⑤ through the bolt forward attachment hole in the frame and out the access hole. Attach feed spacer ② onto the pull wire ⑤ and thread the carriage bolt ① onto the pull wire ⑤. Pull the pull wire ⑤ with fasteners into location through the hole. Leave pull wire ⑤ attached. Repeat the same process on the both frame rails. See figure 2. Using the reverse pull wire procedure thread carriage bolt ① onto the pull wire ⑤ and feed it into the access hole on the frame rail then feed the spacer ② onto the pull wire ⑤ and feed it into the access hole and pull the carriage bolt ① into position through the spacer. Leave the pull wire ⑤ attached. See figure 3.



**4. Install hitch:** Raise the hitch above exhaust, feed pull wires ⑤ through the attachment points on hitch brackets. (Gently pull fascia rearward as needed to gain access between the fascia and exhaust hanger.)



**5. Install fastener:** Feed conical washer ③ over pull wire ⑤, using the washer to hold the bolt in place remove the pull wires ⑤ and attach the hex nut ④. Hand tighten both sides.

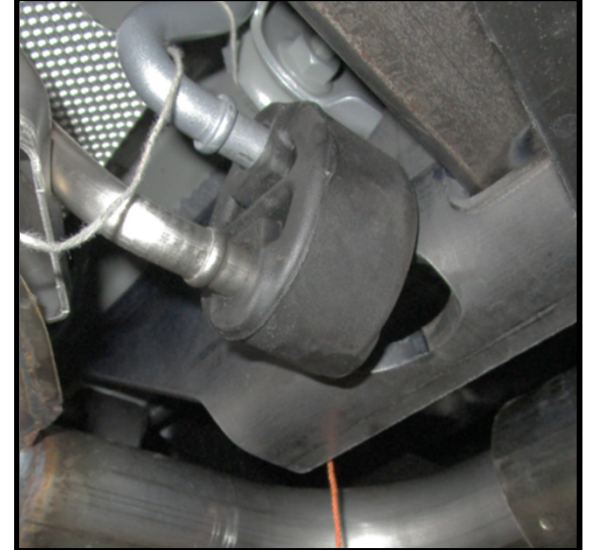
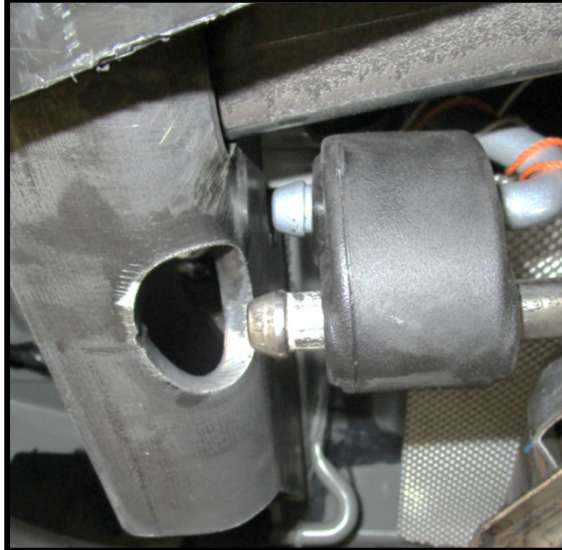
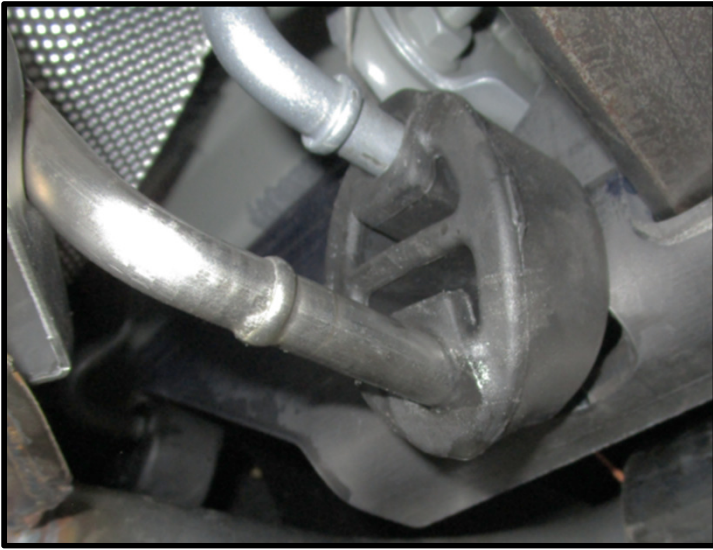


**6. Tighten all 1/2 GR5 fasteners to 75 lb-ft. (102 N\*M)** Note : A universal joint socket may be needed to tighten the rearward fasteners on both sides.

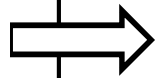
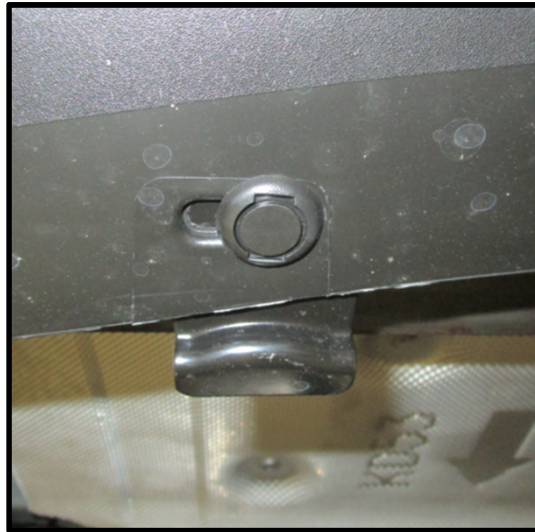
**⚠ Proper torque is needed to keep the hitch secure to the vehicle when towing.**



7. **Reinstall exhaust:** Raise the exhaust back into position and remove the ratchet strap. Spraying a lubricant or soapy water on the metal hanger rod and the rubber isolator helps with reinstalling.



8. Reinstall plastic rivets if removed in step 2.



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