



Installation Instructions

PART NUMBERS: 76145, 84145, CQT76145

Applications:

Years	Make	Models
2006-Current*	Dodge	Charger
2005-Current*	Chrysler	300
2008-Current*	Dodge	Challenger**
2005-2008	Dodge	Magnum

Installation Time:

30 MIN. (Exhaust that separates at rear of vehicle)

50 MIN. (Welded exhaust assy. And exhaust tips riveted to the fascia, the fascia will need to be removed)

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.



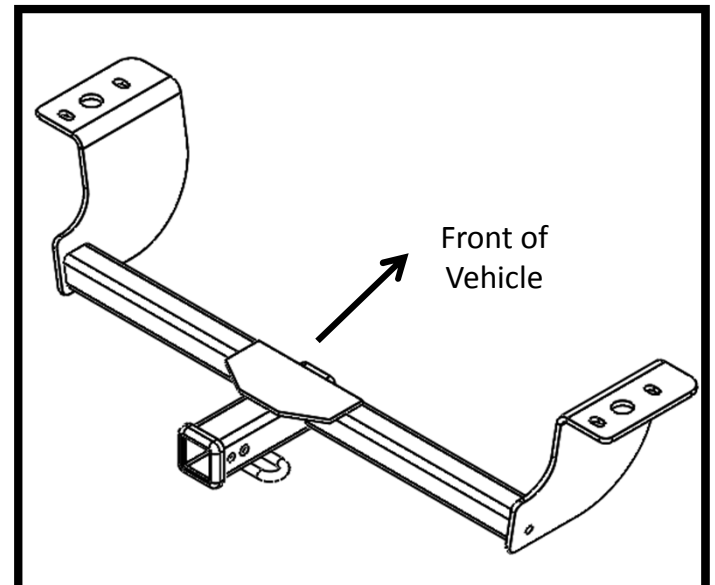
Representative Vehicle Photo

Equipment Required:

Safety Glasses	Ratchet	Sockets	Torque Wrench	Socket Extension
Universal Joint Socket	Flat Head Screw Driver	Plastic Trim Tools		

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

Hitch Type	Max Gross Trailer Weight	Max Tongue Weight
Weight Carrying	4500 lb. (2041kg)	675lb. (306kg)
Weight Distributing	N/A	N/A



Hitch Illustration



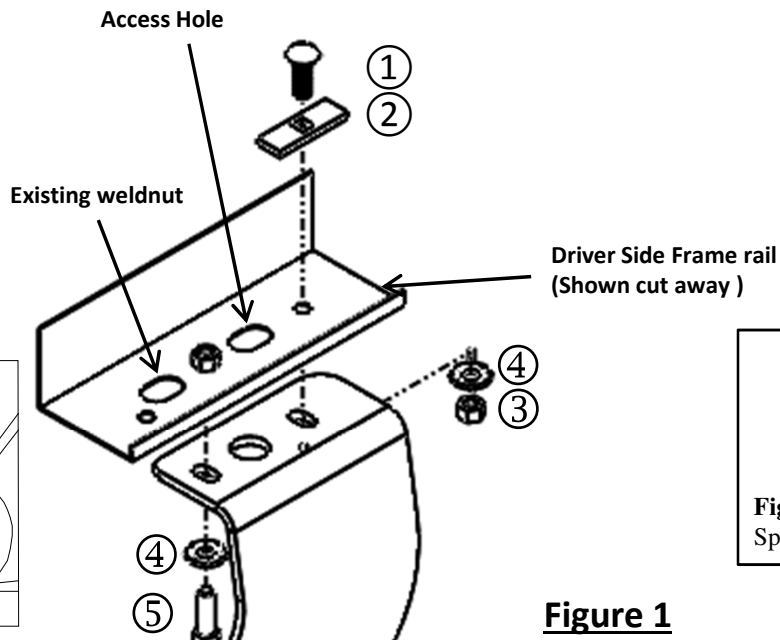
Always wear SAFETY GLASSES when installing hitch


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Fastener Kit :76145F

①	Qty. (3)	Carriage bolt ½"-13 x 1.50 GR5	
②	Qty. (3)	Spacer 1" x 3"	
③	Qty. (3)	Hex nut ½"	
④	Qty. (4)	Conical Tooth Washer ½"	
⑤	Qty. (1)	Bolt M12 CL10.9	
⑥	Qty. (3)	Fish wire ½-13	




Conical Washer Teeth side against hitch

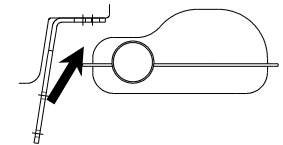
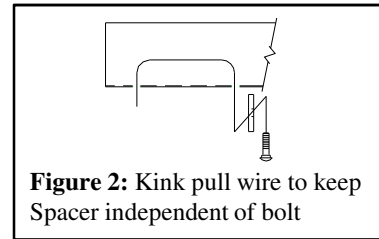


Figure 1

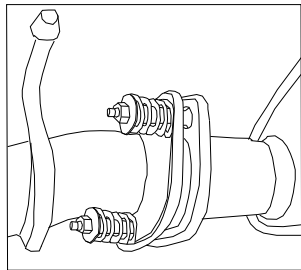
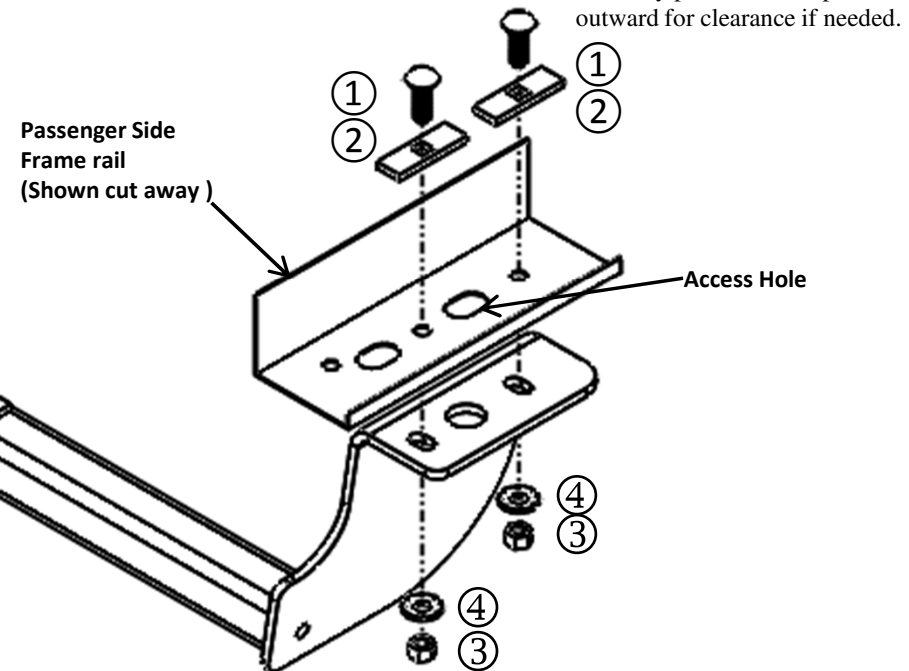


Figure 3.

2011 and newer V8 models - remove and save (2) assembly bolt and spring from the flange (nut and spring are attached).

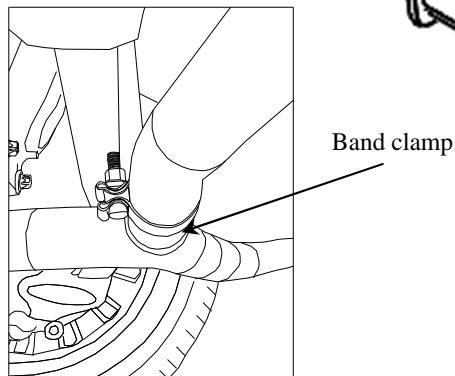


Figure 4.

2011 and newer V6 models remove and save band clamp, separate exhaust pipes and remove muffer.

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.

All Pre-2011 installation:

1. Lower exhaust by removing (2 (13mm socket)) exhaust hanger/s per side (both sides on vehicles with dual exhaust). Spraying a lubricant or soapy water on the metal hanger rod and the rubber isolator helps removal.
2. Run the M12 bolt into the existing weldnut to clean dirt or debris from weldnut:
3. Fishwire ½" carriage bolts and spacers through the access holes on driver and passenger side frame rails, pull hardware through existing holes. (2) on passenger side and (1) on driver side.
4. Raise hitch into position by sliding the hitch over the mufflers and loosely install M12 bolt and conical tooth washer (teeth side against hitch) as shown into existing weldnut.
5. Install the ½" conical tooth washer (teeth side against hitch) and ½" nuts.
6. **Torque all ½" fasteners to 75ftlb. (102N*M) and the M12 bolt to 68ftlb (92N*M).**



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

7. Re-install exhaust hangers.

2011 and newer installation. Vehicle will need to be raised a minimum of 20" (bottom of fascia to ground) for installation.

VEHICLES WITH WELDED EXHAUST, FASCIA REMOVAL - Remove the plastic expansion fasteners holding wheel well liner to fascia (each side). Pull back wheel well liner to access the hidden screw (10mm socket) holding the upper portion of the fascia to the quarter panel (each side). Remove the remaining screws and plastic expansion fasteners from along the bottom of the fascia including the 10mm nuts holding the underbody panel to the trunk pan. Gently remove the fascia and unplug wiring. Set bumper fascia aside.

1. On Chrysler 300/300C Remove plastic appearance panels which cover trunk pan. Return appearance panels and fasteners to vehicle owner
2. Lower exhaust by removing (2 (13mm socket)) exhaust hangers per side. This will allow access to frame rail by pushing the muffler up and outward for clearance. The removal of the rubber isolator/s, from hanger/s off exhaust pipe/s forward of the trunk pan, will allow additional clearance. Spraying a lubricant or soapy water on the metal hanger/s rod and the rubber isolator helps removal.
3. Remove the (1) muffler from the vehicle.

On V8 models - remove and save (2) assembly bolt and spring from the flange (nut and spring are attached). Carefully remove muffler from driver's side. See figure 3

On V6 models - remove and save band clamp, separate exhaust pipes and remove muffler. Band clamp located just before "Y" connection on exhaust. Carefully remove muffler from driver's side. See figure 4

4. Run the M12 bolt into the existing weldnut to clean dirt or debris from weldnut:
5. Fishwire ½" carriage bolts and spacers through the access holes on driver and passenger side frame rails, pull hardware through existing holes. (2) on passenger side and (1) on driver side.
6. Raise passenger side bracket into place over the passenger muffler. Support the passenger side bracket while loosely installing the M12 bolt & conical tooth washer (teeth side against hitch) through the bracket and into the frame rail on the driver's side to hold hitch in place. Then gently pushing the passenger muffler up and outward for clearance, Install the ½" conical tooth washer (teeth side against hitch) and ½" nuts.
7. **Torque all ½" fasteners to 75ftlb. (102N*M) and the M12 bolt to 68ftlb (92N*M).**



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

8. Re-install exhaust hangers.
9. Re-install wiring and bumper fascia.

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.

Accept no compromises, choose only quality trailer hitches and towing.