



Installation Instructions

PART NUMBERS: 24931, 60369, 77318

Applications:

Years	Make	Models
2014-Current*	Infiniti	Q50

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

Installation Time: **40 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.



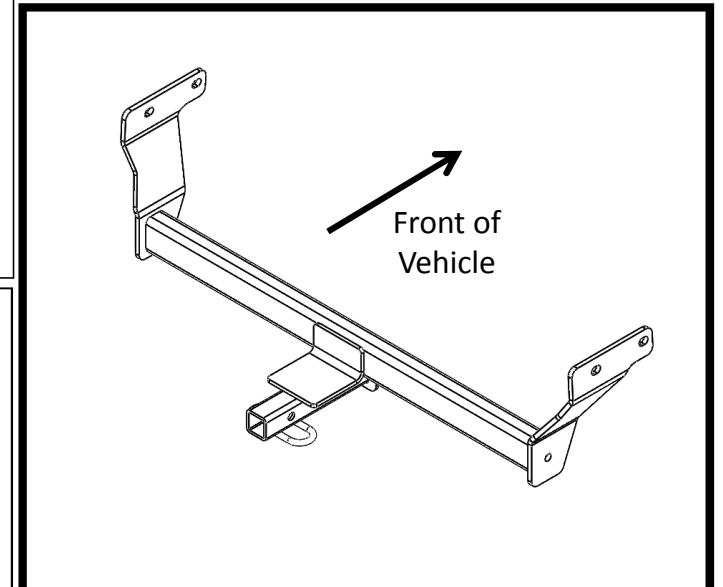
Representative Vehicle Photo

Equipment Required:

Safety Glasses	Ratchet	12 mm 16 mm 11/16" Sockets	Torque Wrench	Flat Head Screw Driver
Step bit or Die Grinder	Socket Extension	Lubricant or Soapy water	Paint or Primer	

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. (90.8 kg)
Weight Distributing	X	X








Hitch Illustration

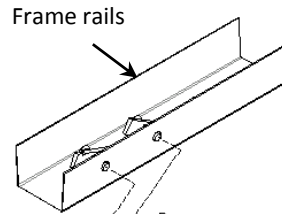
Always wear SAFETY GLASSES when installing hitch

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①	Qty. (4)	Carriage bolt 7/16-14 x 1.75 GR5	
②	Qty. (4)	Spacer .250 x 7/8 x3	
③	Qty. (4)	Conical washer 7/16"	
④	Qty. (4)	Hex Nut 7/16-14 GR2	
⑤	Qty. (4)	Pull wire 7/16	

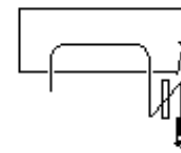

Teeth side
against hitch



Drawbar Kit:
3592

Drawbar must be used in the
RISE position only.

Fastener Kit: 24931F



Kink Pull wire to keep spacer
independent of bolt

Example of pull wire procedure

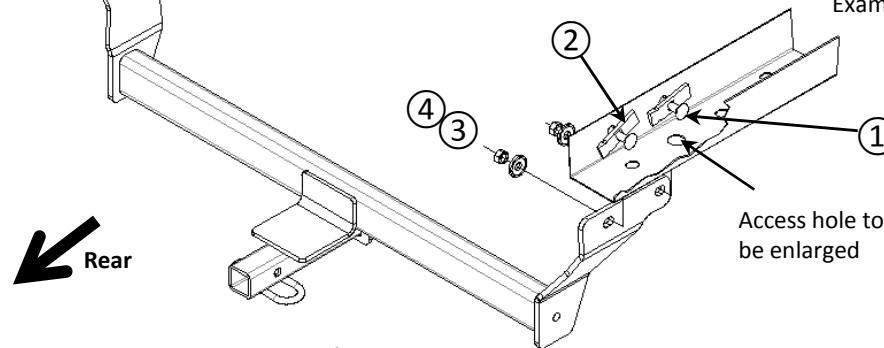
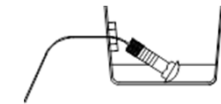



Figure 1

Figure 2



⑤

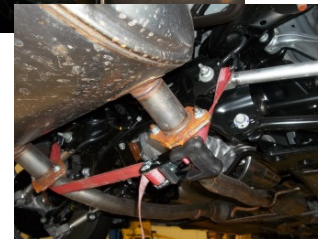
1. Remove tie down bracket on passenger side frame rail if present, to enlarge access hole.
2. Lower exhaust by removing (3) bolts attached to rubber isolator hanger bracket both sides. Support vehicle exhaust. For additional access remove next forward isolators. Spraying a lubricant or soapy water on the metal hanger rod and the rubber isolator helps removal.
3. Using a 1" step bit or die grinder enlarge the access hole on bottom of frame to allow carriage bolt and spacer access to frame rail, both sides.
4. Feed the coiled end of the pull wire through rearward hole and out the access hole. Attach spacer and carriage bolt onto pull wire and feed the fasteners into location through the hole. Push the fasteners back into the frame rails with the pull wire attached, to allow the hitch to go into position. Leave pull wires attached. Repeat the same process on the both frame rails.
5. Raise the hitch into position, feeding the end of the pull through the holes in the hitch. Then pull the fasteners back through the frame rails and hitch brackets. Repeat the same process on both frame rails.
6. Feed conical washer over pull wire, using the washer to hold the bolt in place remove the pull wires and attach the hex nut. Tighten to hold hitch in place, repeat with all fasteners.
7. **Tighten all 7/16 GR5 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.**
8. Raise exhaust back into position, spraying a lubricant or soapy water on the metal hanger rod, if removed in step 2. Then reinstall the bolts into the rubber isolator hanger bracket.
9. Paint or touch up any bare metal created while enlarging access hole on bottom of the frame rail.
10. Reattach the tie down bracket, if remove in step 1.

1. Remove tie down bracket on passenger side frame rail if present, to enlarge access hole.



Access hole to be enlarged

2. Lower exhaust by removing (3) bolts attached to rubber isolator hanger bracket both sides. Support vehicle exhaust. For additional access remove next forward isolators. Spraying a lubricant or soapy water on the metal hanger rod and the rubber isolator helps removal.



3. Using a 1" step bit or die grinder enlarge the access hole on bottom of frame to allow carriage bolt and spacer access to frame rail, both sides.

Access hole to be enlarged



4. Feed the coiled end of the pull wire through rearward hole and out the access hole. Attach spacer and carriage bolt onto pull wire and feed the fasteners into location through the hole. Push the fasteners back into the frame rails with the pull wire attached, to allow the hitch to go into position. Leave pull wires attached. Repeat the same process on the both frame rails.



5. Raise the hitch into position, feeding the end of the pull through the holes in the hitch. Then pull the fasteners back through the frame rails and hitch brackets. Repeat the same process on both frame rails.



6. Feed conical washer over pull wire, using the washer to hold the bolt in place remove the pull wires and attach the hex nut. Tighten to hold hitch in place, repeat with all fasteners.



7. **Tighten all 7/16 GR5 fasteners with torque wrench to 50 Lb.-Ft. (68 N*M)**

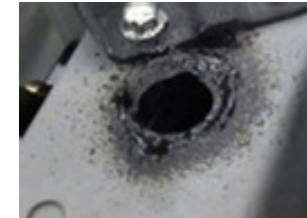
⚠ Proper torque is needed to keep the hitch secure to the vehicle when towing.



8. Raise exhaust back into position, spraying a lubricant or soapy water on the metal hanger rod, if removed in step 2. Then reinstall the bolts into the rubber isolator hanger bracket.



9. Paint or touch up any bare metal created while enlarging access hole on bottom of the frame rail.



10. Reattach the tie down bracket remove in step 1.

