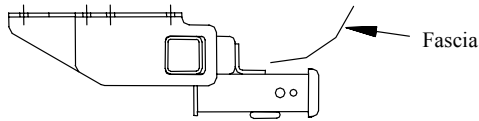


Installation Instructions

Chevrolet Venture & Uplander Pontiac Trans Sport & Montana & SV6 Buick Terraza Saturn Relay Oldsmobile Silhouette

Part Numbers:
51079



**Do Not Exceed Lower of Towing Vehicle
Manufacturer's Rating or**

Hitch type	Max Gross Trailer WT (LB)	Max Tongue WT (LB)
Weight Distributing	5000 (2270 Kg)	500 (227 Kg)
Weight Carrying Ball Mount	3500 (1589 Kg)	350 (159 Kg)

Wiring Access Location:

Hitch Shown In Proper Position

Equipment Required: 1/2" Pull wire (Provided)

Fastener Kit: 51079F

Wrenches: 10mm, 15mm, 3/4, 7/8

Drill Bits: 1/2"

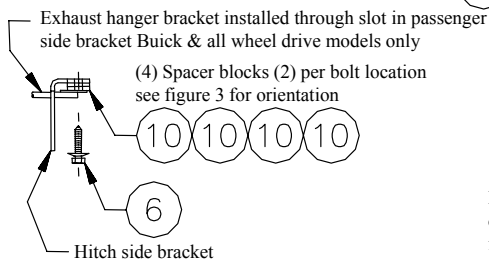


Figure 2

Exhaust hanger bracket installed through slot in passenger side bracket Buick & all wheel drive models only

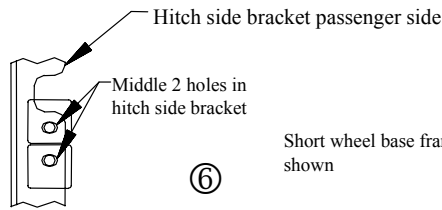


Figure 3

Orientation of spacer blocks Buick & all wheel drive models only

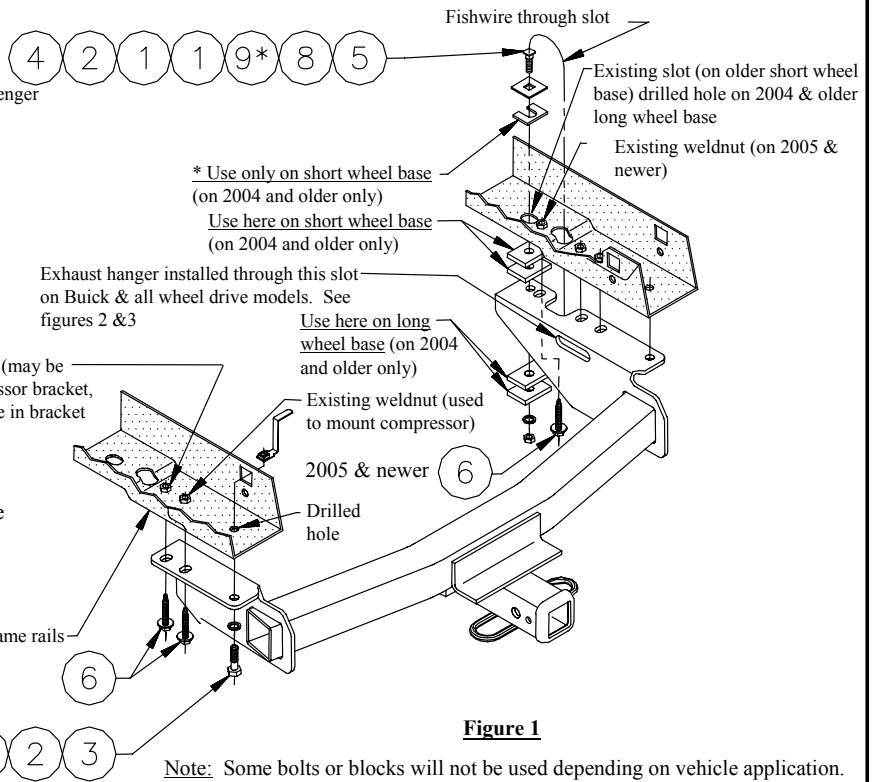


Figure 1

Note: Some bolts or blocks will not be used depending on vehicle application.

* only on short wheel base

①	Qty. (2)	1/4 X 1.50 X 2.00 Block	⑥	Qty. (5)	M10 X 1.50 X 45mm CL 9.8 Bolt
②	Qty. (3)	1/2 Lock Washer	⑦	Qty. (2)	1/2-13 Handle Nut Assembly
③	Qty. (2)	1/2-13 X1.50 GR5 Bolt	⑧	Qty. (1)	1/4 X 1.50 X 2.00 Block
④	Qty. (1)	1/2-13 Hex Nut	⑨	Qty. (1)	U-Block
⑤	Qty. (1)	1/2-13 X 2.00 GR5 Carriage Bolt	⑩	Qty. (4)	1/4 X 2.00 X 2.00 Block

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.

Installation Instructions

Part Numbers:

51079

Chevrolet Venture & Uplander Pontiac Trans Sport & Montana & SV6 Buick Terraza Saturn Relay Oldsmobile Silhouette

1. Lower vehicle exhaust by lowering the exhaust hanger on the passenger side.
2. If present, lower load leveling compressor on driver's side, (1) M10 bolt & (2) M6 nuts.
Note: If necessary, trim vertical tab on compressor bracket to clear adjacent M10 bolt.
3. Raise hitch into position. Install M10 X 1.50 X 45mm CL9.8 bolts into existing weldnuts, both sides.
4. Using rearmost holes in hitch side brackets as a template drill 1/2" holes in vehicle frame rails.

On 2004' and older long wheel base models: It will be necessary to drill a 1/2" hole thru frame at forward most hole on passenger's side bracket.

On 2004' and older short wheel base models: Forwardmost hole in passenger's side bracket will line up with existing slot in vehicle frame rail.

On 2005' and newer models: Forwardmost slot in passenger's side bracket will line up with existing weldnut in vehicle frame rail.

5. On passenger's side, fishwire carriage bolt and blocks thru existing slot in frame rail down into forwardmost hole as shown. Secure using blocks, lock washers and nuts as follows:

2004' & older short wheel base models only: Place (2) blocks between frame rail and hitch as shown.

2004' and older long wheel base models only: Place (2) blocks between hitch and lock washer as shown.

2005' and newer models only: Install M10 X 45mm CL9.8 bolt thru vehicle fender support bar then thru slot in hitch and into existing weldnut in vehicle frame.

6. Install handle nut thru square hole inside of vehicle frame rail and install hex bolt and lock washer thru rearmost hole (drilled in step 4) as shown, both sides.
7. Remove M10 fasteners to reattach exhaust hanger and load leveling compressor and reinstall fasteners.
Note: On all wheel drive models, it will be necessary to pass exhaust hanger thru 3" long slot in side bracket and use (2) 1/4" blocks as shown in figure 2 and figure 3, to reattach exhaust hanger bracket.

Tighten all M6 CL8.8 fasteners with torque wrench to 5 Lb.-Ft. (7 N-M)
Tighten all 1/2 GR5 fasteners with torque wrench to 75 Lb.-Ft. (102 N-M)
Tighten all M10 CL9.8 fasteners with torque wrench to 42 Lb.-Ft. (57 N-M)

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.

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