

# **INSTALLATION INSTRUCTIONS**

## **MODEL NO. 24613**

### **APPLICATION:**

1995-05 Chevrolet Cavalier  
1995-05 Pontiac Sunfire

### **WARNING**

Although this hitch is designed to safely tow its rated load, we recommend that you consult your vehicle owner's manual for possible manufacturer's recommendations or limitations. Always follow the manufacturer's installation instructions and always install on the specified vehicle. Before installing hitch, check that the attachment points are in good condition.

Failure to follow these guidelines will void warranty. Any modifications to this hitch will void warranty.

### **HITCH CAPACITY**

**2000 LBS. MAXIMUM TRAILER WEIGHT**  
**200 LBS. MAXIMUM TONGUE WEIGHT**

Trailer brakes are recommended for towing loads in excess of 1500 lbs.

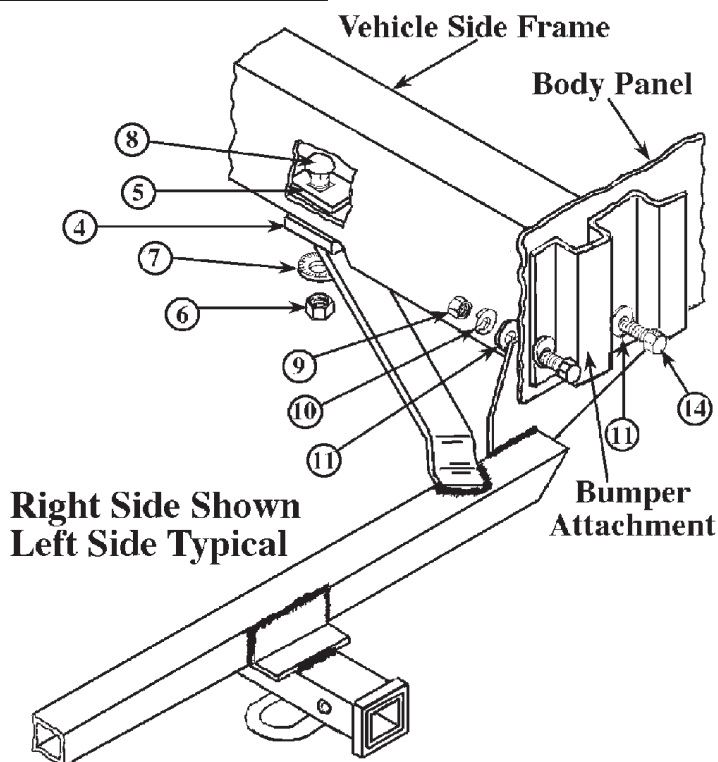
**DO NOT** use this hitch with any type of cargo carrier. Use only with maximum 2 bike carrier.

A Valley 90730 support strap or similar strap **MUST** be used with the bicycle carrier.

### **COMPLETE PARTS LIST**

Part	Description	Quantity
1.	Hitch Assembly	(1)
2.	2442-05 Muffler Hanger Bracket	(1)
3.	2446-04 Muffler Adapter	(1)
4.	1027-03 1/2 Spacer	(2)
5.	4349-09 Square Hole Plate	(2)
6.	1862-03 1/2 Hex Nut	(2)
7.	3730-05 1/2 Conical Washer	(2)
8.	1128-03 1/2 x 2-1/2 Carriage Bolt	(2)
9.	1859-03 5/16 Hex Nut	(5)

Part	Description	Quantity
10.	1878-03 5/16 Lockwasher	(5)
11.	3918-03 5/16 Flatwasher	(8)
12.	2583-03 5/16 x 3/4 Tapping Screw	(1)
13.	1826-03 5/16 x 1 Hex Bolt	(1)
14.	1956-03 5/16 x 1-1/2 Hex Bolt	(4)
15.	1858-03 1/4 Hex Nut	(1)
16.	2524-03 1/4 Lockwasher	(1)
17.	4721-03 1/4 Flatwasher	(1)
18.	1789-03 1/4 x 3/4 Hex Bolt	(1)



1. Before beginning installation, the muffler or mufflers, depending on application, must be lowered. This is done by loosening the muffler support brackets from the side of the vehicle frame on the left side of the vehicle and the forward end of the muffler on the right side of the vehicle if it has dual exhaust system. Save the attachment fasteners for later re-use during Steps 7, 8 and 8a.
2. Locate the three bumper attachment studs located at the end of each vehicle frame. Remove the nuts from only the lower outside stud and the inner stud. See Illustration 1. Use a hammer to drive these two studs out of the body section towards the bumper. The lower outside stud is secured to a plastic strip. Break the lower stud from this plastic strip and remove. The inner stud can be pulled free from the body.
3. Insert a 5/16" bolt #14 into each of the holes where studs were previously removed. The threaded end of the bolts should extend out of the body panel towards the front of the vehicle.
4. Carefully position the receiver assembly #1 up under the vehicle so that the vertical plates on each end of the cross tube align with the previously inserted 5/16" bolts. Secure receiver in place at these bolts as illustrated. The angled frame brackets of the hitch assembly will be resting against the bottom of the vehicle frame above the muffler.
- 4a. If the muffler heat shield partially covers the open hole in the vehicle frame above the hitch frame bracket, it must be bent back to give full access to the hole. Place a 1/2" spacer plate #4 between the frame and the frame brackets at the end hole. See Illustration 2.
5. Assemble a pull wire with a square hole plate #5 and a 1/2" carriage bolt #8. Insert the pull wire into the boxed frame through the access hole just forward of the hitch frame bracket. Continue pulling the parts into frame until the bolt drops out through frame, spacer and hitch frame bracket. Bolt frame bracket securely in place. See Pull Wire Detail Illustration.
6. Tighten the 1/2" bolts to 75 ft. lbs. torque and the 5/16" bolts to 22 ft. lbs. torque. Failure to tighten bolts as described may result in fastener loss or failure.
7. On vehicles with dual exhaust system, the right muffler must be lowered slightly to clear the hitch. Install the muffler adapter #3 to the bracket on the forward end of the muffler using the original self tapping screw removed in Step 1. Be sure that the cutout in bracket #3 fits over the tab on the muffler bracket. Attach the upper end of this bracket to the muffler hanger strap attached to the vehicle frame using the 1/4" fasteners supplied with the hitch. See Illustration 3.
8. On all vehicles, the left muffler must also be lowered slightly. Attach the muffler hanger bracket #2 to the side of vehicle frame at the original muffler attachment holes using the original fasteners removed in Step 1.
- 8a. One of the remaining two holes in bracket #2 will be against the lower side of the vehicle frame. Drill a 1/4" hole in frame using this hole as a guide. Do not drill hole larger than 1/4" diameter. Position the muffler support bracket up against bracket #2 at the lower holes. Secure with a 5/16 self tapping screw at the drilled upper hole and with the 5/16" fasteners at the lower hole as shown on Illustration 4.

**WARNING:** Use this hitch only as a weight carrying hitch.

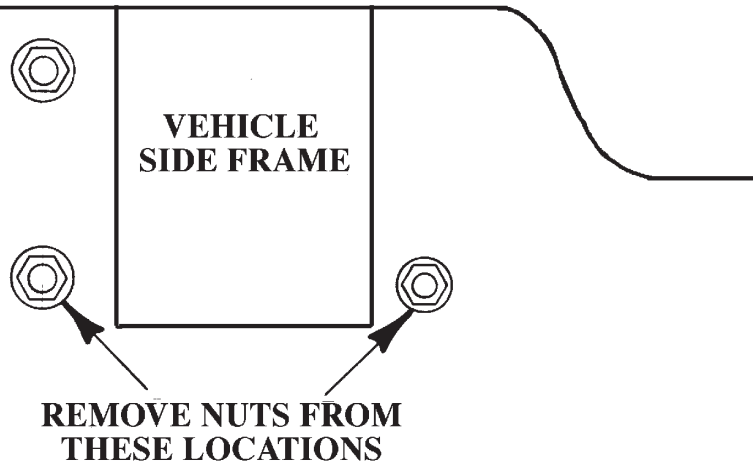
**DO NOT** use with any type of weight distributing hitch.

**WARNING:** Be sure to check the hitch pin and hair pin for positive locking placement before towing a trailer.

**NOTE:** When hitch is not in use, remove ball mount from receiver and place the receiver cover into receiver opening.

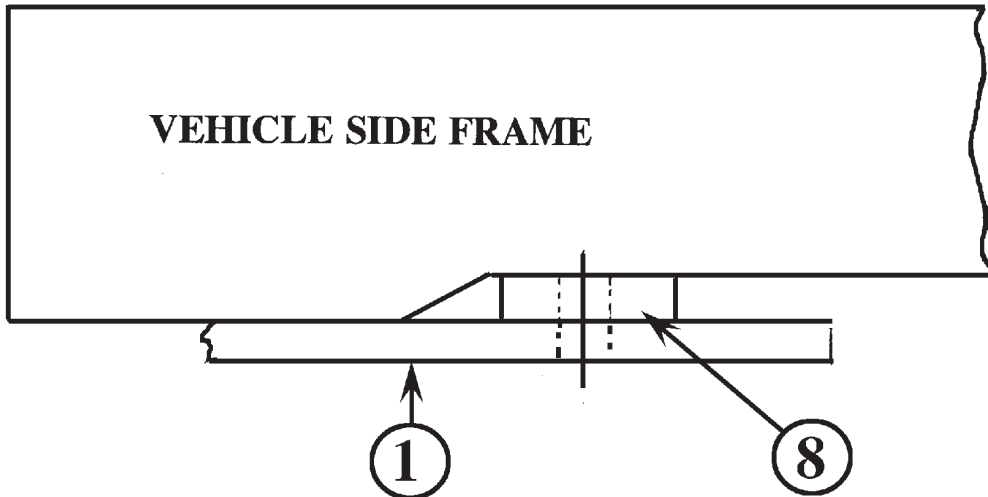
**NOTE:** Some states require a clear view of license plates. Remove trailer ball and/or ball mount when not in use if it restricts view.

**PASSENGER SIDE SHOWN**

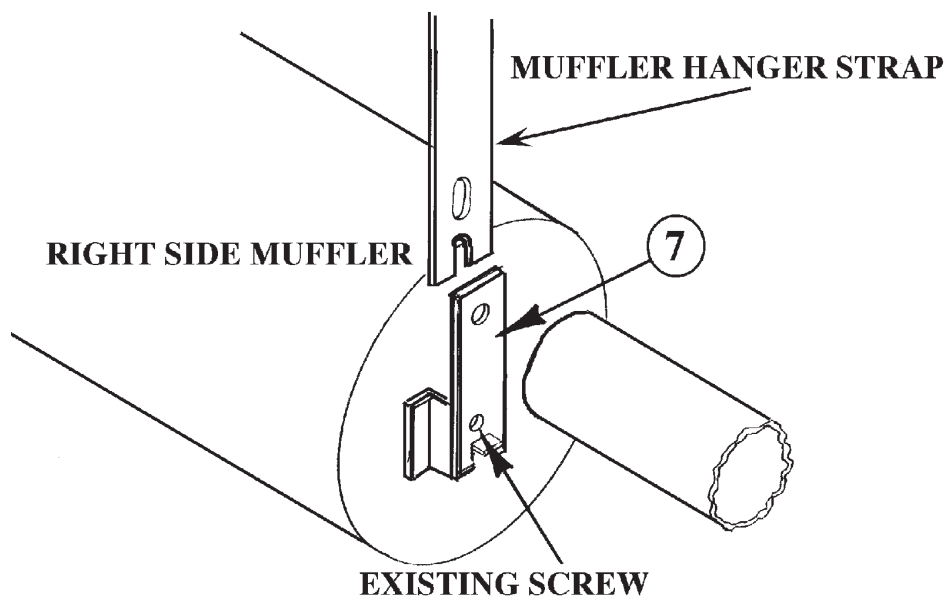


**ILLUSTRATION 1**

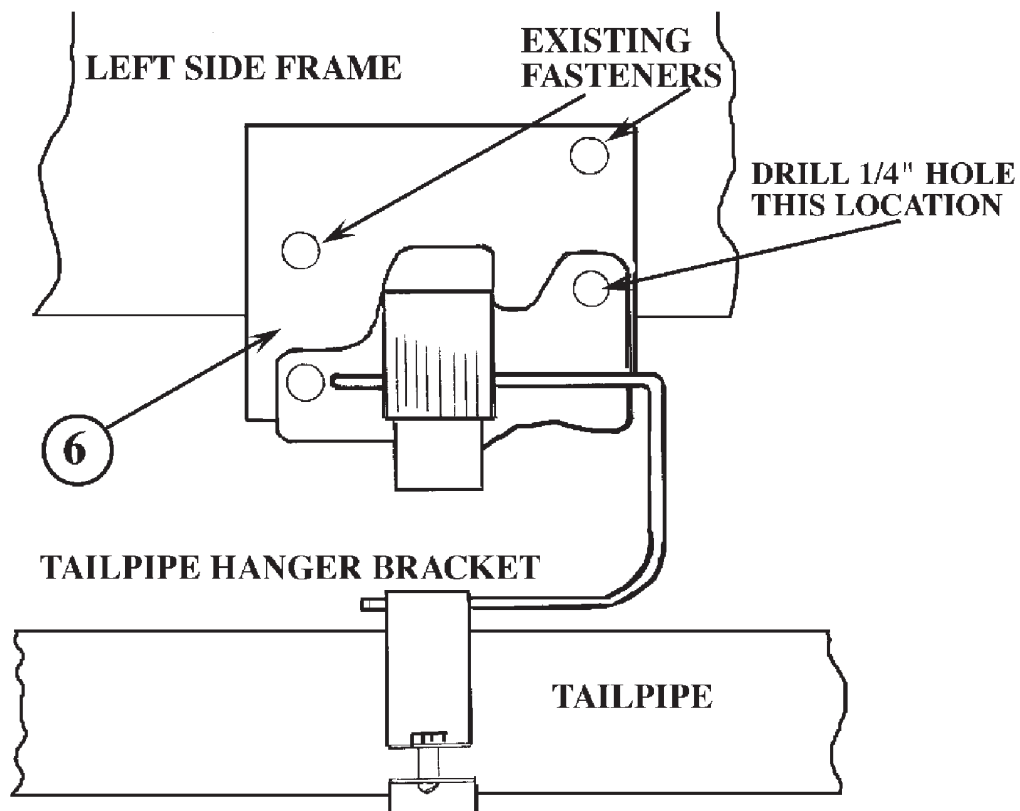
**VEHICLE SIDE FRAME**



**ILLUSTRATION 2**



**ILLUSTRATION 3**



**ILLUSTRATION 4**

For information regarding this product, or our warranty, contact your dealer or write to:  
 "CUSTOMER SERVICE MANAGER" P.O. Box 850, Lodi, CA 95241

This product complies with regulation V-5, C.S.A Standard D-264 and safety requirements for connecting devices  
 and towing systems of the State of New York