

CLASS 2 TRAILER HITCH
R2-0840
 Buick LeSabre/ Lucerne

TOOLS REQUIRED:
 DRILLS: 1/2"
 WRENCHES: 17mm, 3/4"

3,500 LB GROSS TRAILER WEIGHT, 300 LB TONGUE WEIGHT. WARNING: CONSULT VEHICLE OWNERS MANUAL FOR TOWING RECOMMENDATIONS AND LIMITATIONS. THIS PRODUCT IS DESIGNED FOR TRAILER TOWING ONLY AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE.

WARNING: USE ONLY RIGID HITCH APPROVED AND MANUFACTURED DRAW BAR INSERT OR WARRANTY WILL BE VOID

NOTE: INSTALL PARTS LOOSELY UNTIL ALL ATTACHMENTS HAVE BEEN MADE TO VEHICLE

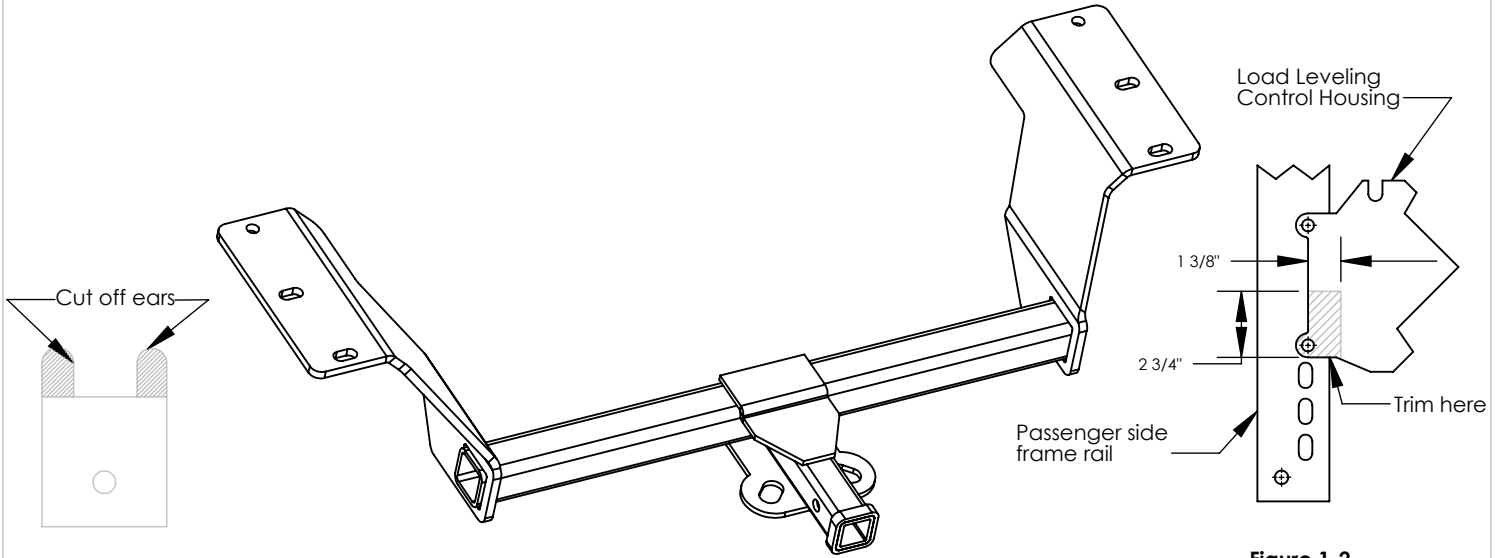


Figure 1-1

Figure 1-2

Note: To create clearance for drilling it is necessary to remove the shoulder bolts from exhaust hanger forward of rear axle. To prevent damage to exhaust system it is critical to support exhaust before removing rearward exhaust hanger(s). Do not allow exhaust to hang unsupported.

1. Remove the rearward exhaust hanger bracket(s) from frame rail(s), and disconnect from the rubber hanger(s) attached to the tail pipe.
2. Raise hitch into position and temporarily install (2) M10 bolts into weld nuts in frame in rear most attachment points. Using hitch as a template drill the (2) 1/2" mounting holes, drilling through heat shield if present. Note: Vehicles equipped with automatic load leveling control, remove the rearmost fastener that secures the control housing to the frame rail and discard. Trim the load leveling control housing as shown in Figure 1-2.
3. Lower hitch and insert carriage bolt and block plate assemblies into each frame rail through the access hole on the side of each frame rail. Position block plates so they span center slot in each frame rail.
4. Raise hitch back into position using care not to push previously installed carriage bolts back into frame, and loosely secure hitch with 1/2" hex nuts and conical washers. Note: If heat shield is present it will be sandwiched between frame rail and hitch bracket.
5. Modify exhaust hanger bracket(s) removed in step 1 by cutting ears off as shown in Figure 1-1.
6. Insert M10 hex bolt and 3/8" conical washer into modified exhaust hanger bracket(s), and thread bolt into weld nut in frame rails.
7. Insert 1/2" handle nuts into frame rails through the access slot in each frame rail just forward of the hitch side brackets and align with drilled holes. Secure with 1/2" lock washers and 1/2" hex bolts.
8. Reattach rubber exhaust hangers to hanger brackets and replace shoulder bolts removed from forward exhaust hanger.

TIGHTEN ALL FASTENERS TO THE TORQUE SPECIFICATIONS SHOWN BELOW

Hardware Package:	(2) M10 x 1.50 x 45mm hex bolts	(2) 1/2-13 heavy hex nuts	
	(2) 3/8" conical washers	(2) 1/2" lock washers	(2) 1/2" conical washers
	(2) 1/2-13 x 1-3/4" carriage bolts	(2) 1/2-13 x 1-3/4" hex bolts	(1) R2-0308 Draw bar kit
	(2) 1/4 x 1 x 3 block plates	(2) 1/2-13 handle nuts	

GIVE THIS INSTRUCTION SHEET TO VEHICLE OWNER

BOLT TIGHTENING TORQUE (LB-FT)			
BOLT SIZE	TORQUE	BOLT SIZE	TORQUE
3/8"	25 LB FT	8MM	20 LB FT
7/16"	50 LB FT	10MM	38 LB FT
1/2"	60 LB FT	12MM	68 LB FT
3/4"	120 LB FT		

THIS PRODUCT COMPLIES WITH SAFETY SPECIFICATIONS AND REQUIREMENTS FOR SAE AND VESC REGULATION V-5 FOR CONNECTING DEVICES AND TOWING SYSTEMS. DO NOT MODIFY THIS PRODUCT. INSTALL ONLY ON SPECIFIED VEHICLES IN GOOD CONDITION.

RIGID[®]
HITCH INCORPORATED
 3301 WEST BURNSVILLE PARKWAY
 BURNSVILLE, MN 55337

REV.
5/10