

6291**INSTRUCTIONS FOR PANHARD BAR 3/4 URETHANE ENDS**

<u>ITEM</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	1054	Track locator 36" Pro Street
2	1	2332	Panhard bar axle mount
3	4	3533	Urethane bushings 1.0 x .625 x .400
4	2	1058	Sleeve 5/8 x 1/2 x 1.250
5	1	3507	Grease packet
6	1	1115	Weld eye .678 x 1.0 bore
7	1	1208	Eyebolt 3/4-16 right x 1.0 bore
8	1	3202	Jam nut 3/4-16 RH
9	2	3100	Bolt 1/2-20 x 2 1/4
10	2	3200	Locknut 1/2-20
11	2	2125	Frame tab 1/2" hole

USE: This panhard bar with CHASSISWORKS Pro Street ladder bars #6287, and #6237 and pro street 4-link nos. 6248, 6267, 6270, and 6271.

1. The panhard bar is installed from the frame rail to the rear end housing. It works best on wide framed cars and should be installed as long as possible. At ride height the panhard should be parallel to the rear axle housing, this will minimize any swaying motion in the rear suspension during travel.
2. Put 2 urethane bushings into the rod end. Put grease on a sleeve and press it into the bushing. Also, grease the sides of the bushings where it touches the rear suspension brackets. Repeat this for the weld eye.
3. Screw the 3/4-jam nut and panhard rod onto the eyebolt approximately 1 1/4 inches. Using the 1/2 inch bolt place one frame tab on each side of the eye bolt assembly and secure with the locknut. Screw the locator link onto the eyebolt.
4. Insert the weld eye into the axle mount, #2332 with 1/2-inch bolt and locknut.
5. Position the rear end housing in the car at ride height and centered from right to left in the frame rails. Tack the #2332 axle bracket to the passenger side axle tube. Allow one inch of clearance between the mount and the frame rail.
6. Hold the panhard tube assembly with the frame brackets against the frame and along side the weld eye and mark it length. Cut the tube to length and drill two 3/16 holes in the end to act as weld rosettes.
7. Insert the weld eye into the tube and position the frame brackets on the frame rail. Be sure the panhard bar is level and perpendicular to the housing. Tack weld the brackets to the frame rail.
8. Move the rear end housing through its travel and make sure nothing binds. Also make sure that the panhard bar does not hit the axle housing center section, the floor, or the frame.
9. Recheck all housing position and then weld all brackets in place. Remember to remove the urethane bushings before welding. You can use the sleeve to space the frame mounts during welding.
10. Weld the holes and the end joint of the weld eye to the tube.
11. Reinstall and adjust the rear end for center squareness by screwing the rod end in or out.

Revision Date: January 15, 2004

