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## Part # 13009099

### 94-02 Dodge 1 Ton Panhard Kit

#### Components:

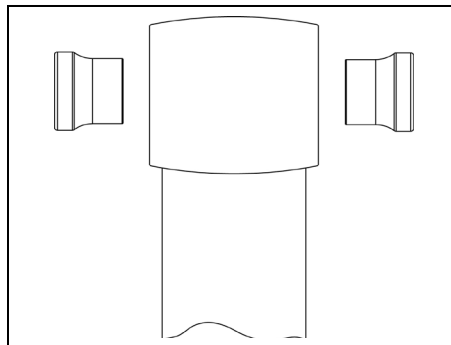
- 1 90002864 Panhard bar – TT 19.250" (21.0" C-C)
- 1 90002878 Panhard bar frame bracket
- 1 90000082 Panhard bar axle bracket
- 2 70013364 Kevlar line Heim end – .75" thread x .625" I.D.
- 4 70013334 Axle Stud R-Joint Spacer – 5/8" ID

#### R-Joint Components (installed in bar ends)

- 70013279 Retaining Ring
- 70012380 Wavo Wave Spring
- 70013275 R-Joint Center Ball
- 70013276 R-Joint Composite Center Ball Cage

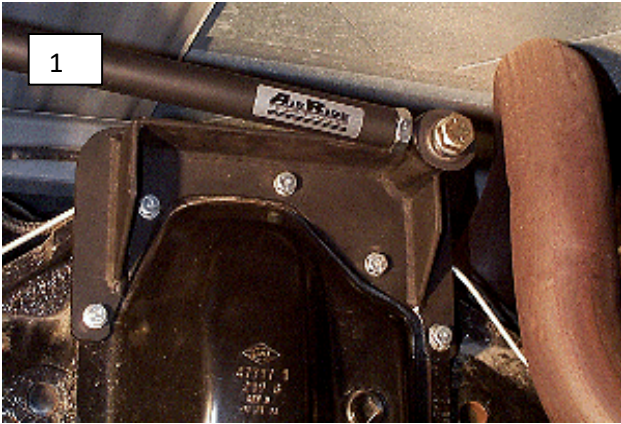
#### Hardware:

- 2 99752004 3/4" SAE jam nut – installed on Heim end
- 2 99621004 5/8"-18 x 3" Hex Head
- 1 99622006 5/8"-18 Thin Nylok
- 1 99623002 5/8" Split Lock Washer
- 5 99371004 3/8"-16 x 1 1/4" Hex Head
- 5 99373003 3/8" SAE Flatwasher
- 5 99373005 3/8" Split Lockwasher
- 4 99501019 1/2" x 1 1/4" Hex Head
- 4 99502001 1/2"-13 Nylok
- 8 99503001 1/2" SAE Flatwasher



Insert the SMALL end of the spacer INTO each side of the center pivot ball. Push the spacer in until it bottoms out in the center pivot.

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**Insert the Spacers into each side of the R-joint.**

1. (fig1) The Panhard bar axle cover is ready to be installed, just unbolt the top 5 bolts from the rear-end and replace with the supplied 3/8x1 1/4" bolts, washers and lock washers.



2. (fig2) Use the panhard bar as a guide to locate the panhard frame mount. At this point you should have the axle at ride height. The Panhard bar should be level at ride height. Also, you will want to verify that the rear-end is centered in the frame. The bar gets bolted to the bracket using a 5/8" x 3" bolt, flat washer, and a split lock washer.



3. (fig3) This bracket can be welded or bolted to the frame using the supplied 1/2" hardware. Insert the R-Joint Spacers and bolt the bar to the bracket using 5/8" x 3" bolt, flat washers, & 5/8" nylok nut.

***New R-Joints will be quite stiff (75-90 in/lbs. breakaway torque) until they "break in" after a few miles of use. After the break in period they will move much more freely. Because the composite bearing race contains self-lubricating ingredients, no additional lubrication is needed or desired. Any additional lubrication will only serve to attract more dirt and debris to the R-Joint and actually shorten its life.***