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Part # 12229099

99-04 Ford F350 SD Panhard Kit

Components:

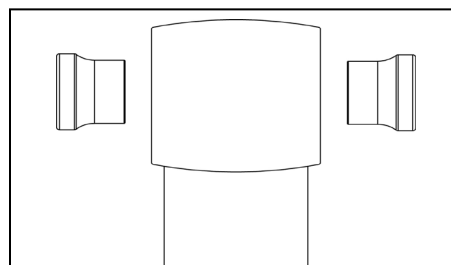
- 1 90000939 Panhard bar – TT 18.5" (22.0" C-C)
- 1 90002878 Panhard bar frame bracket
- 1 90000082 Panhard bar axle bracket
- 2 70013364 R-Joint Rod End
- 4 70013334 R-Joint Spacers

R-Joint Components

- 70013279 Retaining Ring
- 70013280 Wavo Wave Spring
- 70013276 R-Joint Composite Center Ball Cage
- 70013275 R-Joint Stainless Center Ball

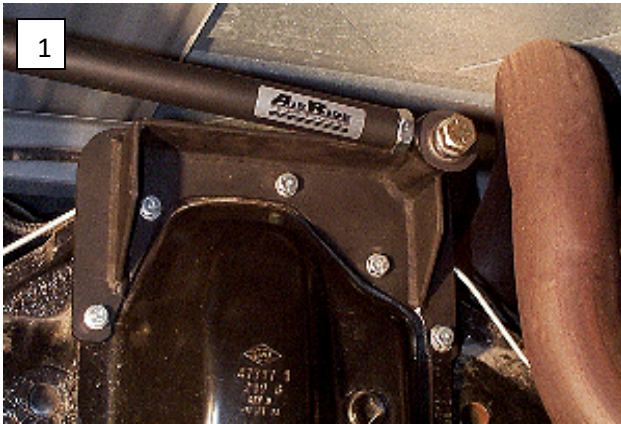
Hardware:

- 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
- 2 99623001 5/8" SAE Flat Washer
- 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 rearend 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 rearend is centered in the frame. The bar gets bolted to the bracket using a 5/8" x 3" bolt and a split lock washer.



3. (fig3) This bracket can be welded or bolted to the frame using the supplied 1/2" hardware.

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.