



Direction 449 Toyota Rav 4

8-19-2005

NOTE: SUSPENSION MUST BE AT NORMAL RIDE HEIGHT FOR PROPER INSTALLATION!

- Step 1.** Remove the lower shock mounting bolt. Using the new metric bolt place it through the smaller hole in the angle bracket. Place a few drops of thread lock on the bolt to assure that the bolt will not back out. Position angle bracket so that it is going up and then in towards the center of the vehicle. Tighten angle bracket to approx. 35 ft. lbs. keeping the side with the 5/8" hole parallel to the ground. Repeat for other side.
- Step 2.** Assemble the hanger rod assemblies by placing the long 3/8" bolt through the 3/8" hole in the center of the 3-hole plate. Next slide the tube spacer over the bolt, and then place a cupped washer, a low profile bushing, the hanger rod bracket, a low profile bushing, a cupped washer, and then the lock nut. Tighten assembly so that it is just snug. **NOTE: OVER TIGHTENING WILL CAUSE BRACKET FAILURE!**
- Step 3.** Remove the bolts for the rear bumper support bracket and then place the bolts through the hanger rod bracket and tighten to approx. to 45 ft lbs. Repeat for other side.
- Step 4.** Now lubricate the inside of the D-bushing and place them around the mid-section of the bar near the bends. Place the mid-section brackets over the D-bushing then place the center hole of the 3-hole plate over the head of the hanger assembly. **NOTE: The eyes of the bar have a slight tilt to them. Make sure that they match the tilt on the angle bracket + or - a few degrees. Using the fasteners provided attach the bar bracket to the bottom of the hanger rod. Leave loose for now. Repeat for other side.**
- Step 5.** Assemble the end-links as shown in the illustration so as to connect the eye of the bar to the angle brackets. Leave loose for now. Tighten the mid-section brackets to approx. 30 ft. lbs. then tighten the end-links until you can no longer rotate the tube spacers. Bounce the rear of the vehicle to check clearance with other suspension components.
- Step 6.** Installation is now complete! Test drive vehicle to familiarize yourself with it's new handling. Since we can not supervise your installation or driving we can not be held responsible for more than the cost of the kit.

Hardware:

2 RH 041 Brackets	2 RH 040 Brackets
2 RH 034A Plates	2 UB 611D Bushings
2 RH 034B Plates	2 RH 235 Bolts
2 RH 402 U-Bolts	2 RH 307 Bolts
8 RH 214 Bolts	4 RH 107 Washers
8 RH 104 Washers	2 RH 065 Tubes
8 RH 304 Lock-Nuts	2 RH 023 Angle Brackets
4 UB 609 Bushings	2 RH 313 Lock-nuts 10mm
2 10mm x 2" Bolts	

Part # 449

