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Part#: 129100, 129101, 129102
Product: **Alignment Cams**
Application: **Ford & Dodge**

READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS PRIOR TO INSTALLATION OF SYSTEM AND OPERATION OF VEHICLE.

PARTS LIST

Part #	Qty	Description
24180	1	Alignment Cam

INSTALLATION INSTRUCTIONS

Remove Old Bushings

1. Remove the upper ball joint cotter pin & nut.
2. To help prevent a tight steering condition, remove the lower ball joint cotter pin and loosen the nut to the end of the stud, but DO NOT remove.
3. Strike the inside of the spindle near the upper and lower ball joints to break the spindle loose from the ball joint studs.
4. Remove the old bushing using a pitman arm puller or similar tool.

Install New Bushing

5. Partially tighten the lower ball joint stud nut to 40 ft lbs.
6. Lubricate the BDS bushing and install bushing over the ball joint stud. Place the old bushing on top of the new and tap downward to seat the new bushing.
7. Using a 1-1/8" box wrench, rotate the bushing until desired alignment is achieved. Position the lock ring into place using the closest notch possible. Install the snap ring.
8. Place the old bushing over the new bushing again and tap the bushing down as far as possible into the axle.
9. Install the upper ball joint stud nut and tighten to 85-100 ft lbs. Advance (Do Not loosen) the nut to the next castellation and install a new cotter pin.
10. Finish tightening the lower ball joint nut to 95-110 ft lbs. Advance the nut to the next castellation and install a new cotter pin.
11. Reinstall wheels, torque lug nuts to specification, lower vehicle and road test.

 *Note: Excessive spindle turning effort or poor steering returnability MAY be the result of not following the proper tightening sequence or worn/bent ball joints.*

NOTICE TO DEALER/INSTALLER

These instructions, the warning card, and included decals must be given to the owner of this BDS Suspension product.

For questions, technical support and warranty issues relating to this BDS Suspension product, please contact your distributor/installer before contacting BDS Suspension directly.

Sold/Installed by: