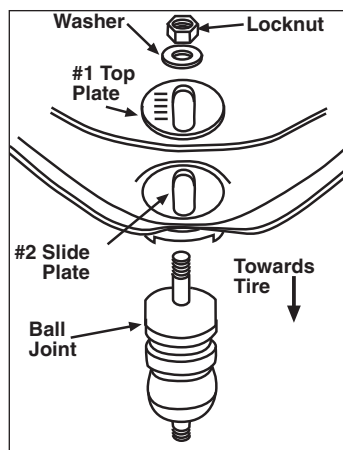


JEEP ADJUSTABLE BALL JOINT

This part should only be installed by personnel who have the necessary skill, training and tools to do the job correctly and safely. Incorrect installation can result in personal injury, vehicle damage and / or loss of vehicle control.



1. This product is designed for camber or caster change.
2. Before beginning any alignment always check for loose or worn parts, tire pressure, and odd tire wear patterns.
3. Raise and support the front of the vehicle. Remove tire and wheel assembly. Remove nut from upper ball joint.
4. Break the ball joint to spindle taper using Specialty Products' tool #8370 then press out the ball joint using either #7250 or #40920 ball joint press or equivalent.

Note: If arm is removed from vehicle during installation, make sure the arm is oriented correctly when reinstalling.

5. Position slide plate (#2) on underside of arm. Align slot in slide plate so that it points directly towards the tire for camber change or towards the front of the vehicle for caster change. Combination change can be achieved by aligning the plate at an angle depending on the desired combination of angles needed.
 6. Press the slide plate into position using ball joint press.
 7. Install ball joint through slot and align machined grooves. The ball joint shaft is offset from the mounting stud and should be positioned in the proper direction to give the most desired change.
 8. Install top plate (#1) with the recessed area down over the flange on the control arm. Install washer and top nut and tighten lightly. Position top nut to fit in recess of washer.
 9. Install ball joint stud into spindle, torque nut to manufacturer's specification.
 10. Reinstall tire and wheel assembly. Install alignment equipment and re-compensate.
 11. Adjust camber and/or caster by slightly loosening top lock nut and sliding joint.
- NOTE: JOINT WILL SLIDE WHEN NUT IS LOOSE. USE CARE WHEN MAKING ADJUSTMENTS.**
12. Tighten top lock nut to 120 lb-ft.

Always check for proper clearance between suspension components and other components of the vehicle.

13. Re-check camber, set toe and road test vehicle.



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