

## PART NO. 67690

### Instruction Sheet FORD REAR CAMBER 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.*

#### Plan Ahead - Read All Instructions BEFORE Installing Part

*Check for loose or worn parts, proper tire pressure, and odd tire wear patterns before beginning alignment.*

1. Determine amount of camber change needed.
2. Lift rear of vehicle by outer end of lower control arms and remove wheel and tire assembly.



**TECH TIP: Take a zero reading on rotor with SPC P/N 81139 magnetic camber gauge.**

3. Remove brake caliper and support to avoid damaging brake line. Remove brake rotor.
4. Remove knuckle from vehicle per manufacturer's procedure.
5. Press out OE ball joint from knuckle using press and appropriate adapters.



**TECH TIP: Remove boot from OE ball joint and press with adapter directly on housing. Do not press on stud.**

6. Press SPC ball joint into knuckle using appropriate adapters. Press on outer ring of ball joint base **ONLY**, do not press on center area.
7. Reinstall knuckle per manufacturer's procedure.
8. Using camber gauge on wheel hub flange, adjust camber by turning ball joint stud hex.

**NOTE: SPC recommends setting camber with stud eccentric oriented upward to maximize clearance between knuckle and upper control arm.**

9. Once desired camber change is achieved, tighten ball joint nut to manufacturer's specification while preventing stud from rotating.

**NOTE: If stud spins during torquing, camber setting will be lost.**

10. Reinstall brake rotor and caliper.
11. Reinstall wheel and tire assembly and lower vehicle.
12. Torque all fasteners to manufacturer's specifications.

**NOTE: Torquing suspension bolts before returning vehicle to normal ride height may cause premature bushing failure.**

13. Verify camber change and adjust further if needed.

**NOTE: Only drive adjustment with vehicle lifted and after breaking balljoint taper loose.**

14. Complete alignment and road test vehicle.

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



## **Specialty Products Company®**

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