PART NO. 67530

SPC PERFORMANCE®

Instruction Sheet
1.5° LEXUS IS
ADJUSTABLE BALL JOINT

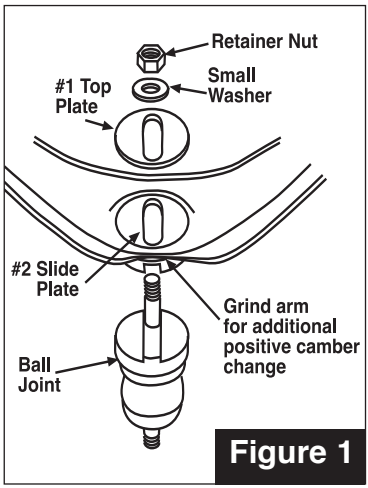

Figure 1

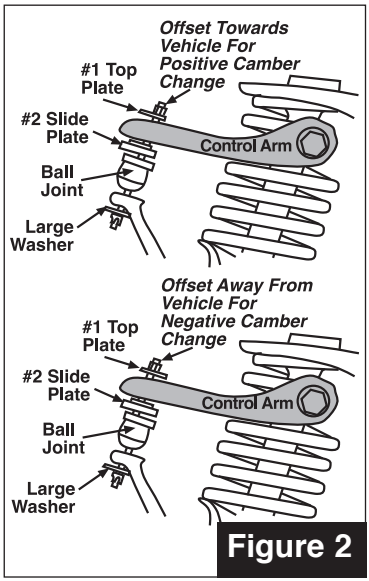

Figure 2

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 change only.
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 cotter pin and 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 ball joint press, Specialty Products **#40920**.
5. Position slide plate **(#2)** on under side of arm. Align slot in slide plate so that it points directly towards the tire (***Figure #1***) and press into the arm using ball joint press, Specialty Products **#40920**.
6. Determine if positve or negative camber change is needed. If more than .5° positive camber change is needed it may be necessary to grind the arm as shown (***Figure #1***) to allow full travel of the sliding ball joint.
7. Position offset of top stud toward INSIDE of car for positive change and toward OUTSIDE of car for negative change ***(Figure #2)***. Install ball joint through slot. Align machined grooves and install top plate **(#1)** so that the shoulder engages in the control arm hole. Install washer and retainer nut making sure washer fits onto recessed area of nut.
8. Install ball joint stud into spindle, place large washer and castle nut on stud and torque nut to 50 ft lb specification, install cotter pin.

   N**OTE: IF LARGE WASHER IS NOT USED THE NUT MAY PULL THROUGH THE SPINDLE.**
9. Reinstall wheel assembly. Install alignment equipment and re-compensate.
10. Adjust for correct camber by slightly loosening top retainer nut and sliding joint in or out.

    N**OTE: JOINT WILL SLIDE WHEN NUT IS LOOSE. USE CARE WHEN MAKING ADJUSTMENTS!**
11. Torque top retainer nut to 120 lb-ft.

    Always check for proper clearance between suspension components and other components of the vehicle.
12. Re-check camber, set toe and road test the vehicle.