

## ACURA MDX REAR ADJUSTABLE BALL JOINT

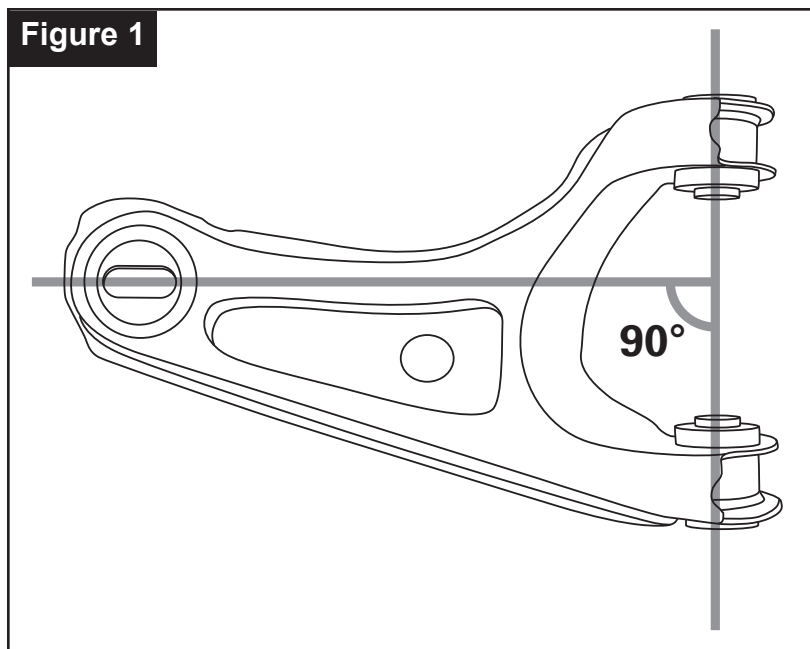
**This part should only be installed by personnel who have the necessary skill, training and tools to do the job correctly and safely. Incorrect installation can result in personal injury, vehicle damage and / or loss of vehicle control.**

**Before beginning alignment check for loose or worn parts, proper tire pressures, and odd tire wear patterns. Replace any loose or worn parts.**

**Plan Ahead - Read All Instructions BEFORE installing part.**

1. Determine amount of camber change needed.
2. Raise rear of vehicle and support by lower control arm. Remove Tire/wheel.
3. On upper control arm at knuckle, remove cotter pin from ball joint nut.
4. Remove upper ball joint nut and save.
5. Remove ABS wire bracket that is attached to the back side of the knuckle
6. Break taper to knuckle and remove ball joint stud from knuckle.  
**NOTE: Taper adapter should stay with knuckle! If adapter comes out with ball joint, use a small gear puller to remove it from ball joint stud and reuse.**
7. Remove both upper control arm attachment bolts
8. Detach the ABS wire from the bracket on the underside of the control arm.
9. Remove the upper control arm.
10. Using press kit, SPC #72509, press factory ball joint out of upper control arm.
11. Press lower slide plate into factory arm from bottom, aligned as shown in **Figure 1**.  
**Note: Make sure slot in the slide plate runs perpendicular to upper control arm attaching bolts, see Figure 1.**
12. For positive camber change, install SPC ball joint into slide plate with top threaded stud offset to center of vehicle. For negative camber change, install with threaded stud offset toward the outside of the vehicle.
13. Install top plate over threaded stud and align slot with slide plate. Install washer and nut.
14. Replace upper control arm and loosely tighten bolts. Reattach ABS wire to bracket.
15. Insert tapered stud into knuckle and install factory flange nut. Torque to 45 ft-lb. Install factory or provided safety cotter pin below nut.
16. Replace ABS wire bracket to the knuckle.
17. Adjust camber by sliding ball joint in or out. Once desired setting is obtained, torque top nut to 120 ft-lb.
18. Install tire/wheel and lower vehicle.
19. With weight resting on tires, torque upper control arm attaching bolts to factory specification.
20. Complete alignment and road test vehicle.

**Figure 1**



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