

### Lower ball joint Instructions

1. Inspect vehicle for loose or worn parts and odd tire wear patterns.
2. Check tire pressure. Determine amount of camber change needed.
3. Raise and support vehicle allowing the lower control arms to hang free.
4. Remove cotter pin and nut from lower ball joint stud.
5. Remove lower ball joint from steering knuckle, using a ball joint separator.  
Important- Do not allow knuckle to pull out of axle shaft (inner CV joint).
6. Unbolt the three ball joint mounting nuts and remove O.E. ball joint.
7. Install adjustable ball joint and loosely install mounting hardware.
8. Torque ball joint stud in knuckle to manufacture specification and install cotter pin.
9. With the vehicle suspension UNLOADED use an alignment gage or alignment system to adjust camber.  
Note: This ball joint adjusts positive camber only. Do not adjust with suspension loaded.
10. After camber is adjusted to manufacture specification, Torque the ball joint fasteners and adjustment cam to manufacture specification.
11. Install grease fitting and grease ball joint.
12. Lower vehicle and verify proper camber reading. Proceed with rest of alignment and road test vehicle.



95-315-0519

### Lower ball joint Instructions

13. Inspect vehicle for loose or worn parts and odd tire wear patterns.
14. Check tire pressure. Determine amount of camber change needed.
15. Raise and support vehicle allowing the lower control arms to hang free.
16. Remove cotter pin and nut from lower ball joint stud.
17. Remove lower ball joint from steering knuckle, using a ball joint separator.  
Important- Do not allow knuckle to pull out of axle shaft (inner CV joint).
18. Unbolt the three ball joint mounting nuts and remove O.E. ball joint.
19. Install adjustable ball joint and loosely install mounting hardware.
20. Torque ball joint stud in knuckle to manufacture specification and install cotter pin.
21. With the vehicle suspension UNLOADED use an alignment gage or alignment system to adjust camber.  
Note: This ball joint adjusts positive camber only. Do not adjust with suspension loaded.
22. After camber is adjusted to manufacture specification, Torque the ball joint fasteners and adjustment cam to manufacture specification.
23. Install grease fitting and grease ball joint.
24. Lower vehicle and verify proper camber reading. Proceed with rest of alignment and road test vehicle.



95-315-0519

