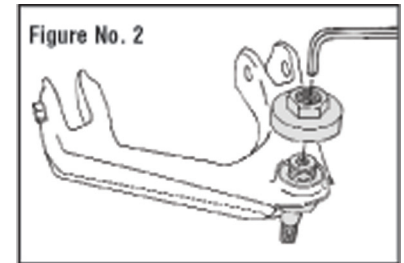
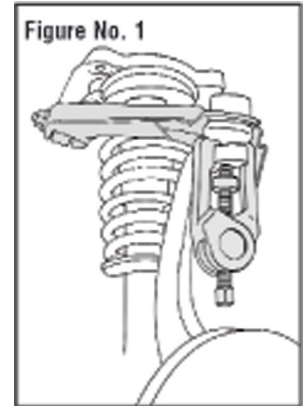


# Adjustable Upper Ball Joint Installation Instructions

1. Inspect vehicle for loose or worn parts and odd tire wear patterns. Check tire pressure. Determine amount of camber/caster change needed.
2. Raise and support vehicle securely under lower control arms.
3. Remove wheel assembly. Remove cotter pin and nut from upper ball joint stud.
4. Remove upper ball joint from steering knuckle, using a ball joint separator (see fig.1).  
**Important**-Do not allow knuckle to pull out of axle shaft (inner CV joint). Disassembly may occur.
5. Using a ball joint press (with optional extractor stem and receiver tube), press the upper ball joint in an upward direction out of control arm. Make sure all components stay in proper alignment during this procedure.
6. Install adjustable ball joint in upper control arm and only snug assembly nut at this time.
7. Install ball joint stud into steering knuckle, install nut and torque to 121 ft lbs 164 Nm.
8. Reinstall wheel assembly, recompensate alignment equipment. Recheck caster/camber read-ins.
9. Turn ball joint by hand with open end wrench to desired caster/camber settings
10. Raise vehicle using a suitable body lifting point to allow the control arms to drop down Hold ball joint with 3/8" L-wrench to prevent rotating and torque assembly cap (fig. 2).
11. Lower vehicle and verify proper caster/camber readings. Proceed with rest of alignment and road test vehicle.



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