

Instruction Sheet – Honda Civic Adjustable Upper Control Arm

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. Before beginning any alignment, always check for loose or worn parts, tire pressure or irregular tire wear patterns.
2. Raise the vehicle by the pinch welds and support body on jackstands. Remove the tire and wheel assembly.
3. Remove the cotter pin and nut from the upper ball joint. Break the taper between the ball joint and the spindle and remove ball joint from spindle.
4. Remove the mounting bolts holding the upper control arm to the body. Remove the upper control arm.
5. **Note: On the right side of the vehicle, remove the battery and air box to gain access to the control arm mounting bolts.**
6. Install the new adjustable upper control arm to the body using the OE bolts. Snug but do not torque the bolts at this time.
7. **NOTE: Tightening the nuts with the vehicle in the raised position may cause premature bushing wear due to preloading of the bushings.**
8. Install the ball joint to the spindle; torque the ball joint nut to manufacturer's specifications and install the new cotter pin. Lightly tighten the two bolts directly underneath and behind the ball joint to hold the caster adjusting plate.
9. Reinstall the tire and wheel assembly. Remove the vehicle from the jackstands, and lower the car. Record the alignment readings, determine the amount of change needed and raise the vehicle.
10. Re-loosen the two caster adjusting plate bolts and manually slide the ball joint forward or rearward to the desired caster setting. Tighten bolts to 46-ft. lbs. (62n.m.).
11. If necessary, loosen the four bolts (two on each side of the control arm) and using a 10mm socket, adjust camber to the desired setting by turning the adjusting screw located directly above the ball joint. After desired camber settings are achieved, torque the four mounting bolts located on each side of the control arm to 25-ft. lbs. (34n.m.).
12. Lower vehicle, confirm alignment readings and torque the upper control arm mounting bolts to 40-ft. lbs. (54n.m.).
13. **Always check for proper clearance between suspension components and other components of the vehicle.**
14. Adjust toe as necessary, and road test the vehicle.

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