

PART NO. 71830

Instruction Sheet HONDA HR-V AWD REAR CAMBER/TOE SHIMS

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.

Check for loose or worn parts, proper tire pressure, and odd tire wear patterns before beginning alignment.

1. Make sure no shims are installed between the beam axle and hub bearing adaptor on either side of the vehicle before beginning. If shims are installed, remove them before taking alignment readings.
2. Take alignment readings and determine the amount of rear toe and/or camber change required.
3. Raise vehicle and support by frame.
4. Remove rear tire and wheel assembly.
5. Remove axle nut.
6. Remove wheel speed sensor from hub bearing adapter.
7. Remove brake caliper assembly, brake rotor, and hub bearing with splash guard. Support caliper to avoid straining brake lines.

Tech Tip: The bolt holes in the hub are not symmetrical. Put an alignment mark on top of hub to ensure it is re-installed correctly.

8. Clean all mating surfaces of rust and dirt.
9. Select SPC shim(s) to provide required toe and/or camber change.

Note: Shims are reversible and the tab is in the thick edge of the shim. See (figure 1) for correct orientation.

- a. (-) Toe Out: Tab up and to the front of vehicle
- b. (+) Toe In: Tab down and to the rear of vehicle
- c. (+) Camber: Tab up and to the front of vehicle
- d. (-) Camber: Tab down and to the rear of vehicle

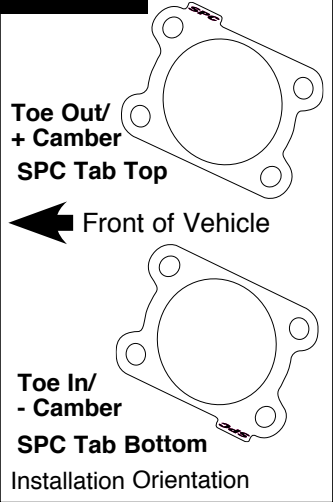
10. Install shims between brake backing plate and beam axle.

Note: DO NOT stack more than two shims at any time.

11. Reinstall rear wheel hub and brake assembly with supplied fasteners and tighten in an X-pattern to manufacturer's specification plus 10% in 20 lb-ft increments.
12. Reinstall tire and wheel assembly and lower vehicle.
13. Verify that the desired alignment change has been achieved.
14. Complete alignment and road test vehicle.

Always check for proper clearance between suspension components and other components of the vehicle.

Figure 1



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