

# SERIES NO. 71630

## Instruction Sheet

### SIENNA CAMBER SHIMS

*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.**

**Vehicles with disc brakes may require spacer kit (SPC p/n 75970) be installed to align brake caliper and rotor. Failure to do so could result in damage to brake components and/or rotor lock-up.**

1. Take alignment readings and determine amount of camber change needed.
2. Raise vehicle and remove tire and wheel assembly.
3. Remove brake caliper, and rotor.
4. Remove four bolts holding hub and backing plate to axle.
5. On AWD models, remove center nut holding axle shaft to wheelbearing.
6. Remove hub and pull backing plate away from axle to allow shims to be inserted: clean surfaces.
7. Insert shim between axle and hub backing plate.

“CAMBER” is marked on thinnest part of shim. For positive camber change, install the shim with “CAMBER” marking at the bottom. For negative camber change, install with “CAMBER” at top.

**NOTE: Two shims may be stacked if both toe and camber change are required, or for greater amounts of either.**

8. With shim in place, reassemble. Torque hub bolts to factory specifications, working up to proper torque in a star pattern.
9. On AWD vehicles, re-install axle nut and torque to factory specification.
10. If vehicle is equipped with disc brakes, confirm that caliper and rotor are aligned. If necessary, use SPC p/n 75970 (spacers) to correct mis-alignment.
11. Install tire and verify alignment change. Road test vehicle.

*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.*



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