

TOYOTA

Land Cruiser — Install claw washer and tighten front wheel adjusting nut with suitable tool (09607-60010). Rotate drum to seat bearings. Loosen nut 1/8-1/6 turn. If brake drum rotates properly, install lock washer and tighten lock nut with suitable tool (09607-60010).

Hi-Lux — Tighten front axle castle nut to 36 ft. lbs. to seat bearings, then back off until nut is finger tight. Retighten nut to 36 ft. lbs. and back off 1/6-1/3 turn and install cotter key. When properly adjusted bearing preload should be as shown in table, when checked with pull scale attached to hub bolt.

All Other Models — Tighten castle nut bearing retainer nut 18.8-23.2 ft. lbs. and turn brake drum back and forth to seat bearing. Loosen nut until can be turned with fingers. Tighten nut to finger tight using a socket without the handle. If not aligned for cotter key installation, tighten until installation possible. Preload at hub (hub rotating) should be within specifications.

Bearing Preload Specifications

Application	Preload (Oz.)
Celica	9.6-22.5
Corolla	5.6-13.1
Corona	12.3-30.6
Corona Mk II	10.6-24.6
Hi-Lux	10.6-38.8

TRIUMPH

All Models — Raise and support front of vehicle, then remove wheel and brake pads. Attach a suitable dial indicator and measure bearing end play. If end play exceeds .003-.005" (TR6) or .002-.008" (Spitfire), remove cotter key and loosen or tighten spindle nut until end play is within specifications. Install a new cotter key.

VOLKSWAGEN

All Models — Raise and support front of vehicle. While turning wheel, tighten spindle clamp nut, so tapered rollers seat against shoulder of inner race. Loosen clamp until axial play is .001-.005", when wheel is moved. Tighten clamp nut.

VOLVO

All Models — While rotating hub, torque nut to 50 ft. lbs. Loosen nut 1/3 turn and check for hub rotating freely with no end play. If necessary to align cotter key holes loosen nut and install cotter key.