

Rear Axle

Ball Bearing Wear

CAUTION

Do not remove the bearing [A] for inspection. Removal may damage it.

- Check the ball bearing.
- Since the ball bearing is made to extremely close tolerances, the wear must be judged by feel rather than measurement.
- Spin the bearing by hand to check its condition.
- ★ If the bearing is noisy, does not spin smoothly, or has any rough spots, replace the rear axle shaft.

Rear Axle Runout Inspection

- Visually inspect the axle for damage.
- ★ If the axle is damaged or bent, replace it.
- Set the rear axle in an alignment jig or on V blocks, and place a dial gauge [A] against the middle point.
- Turn the axle slowly. The difference between the highest and lowest dial gauge readings is the axle runout (TIR).
- ★ If the runout exceeds the service limit, replace the axle.

Rear Axle Shaft Runout

Standard: TIR 1 mm (0.04 in.) or less

Service Limit: TIR 2 mm (0.08 in.)

