

23. Wheel Bearing

A: INSPECTION

1. FRONT WHEEL BEARING

NOTE:

Inspect the condition of front wheel bearing grease.

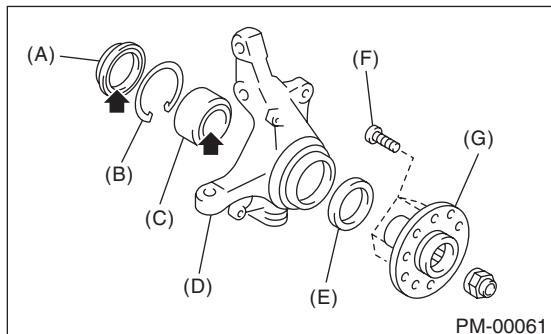
- 1) Lift up the vehicle.
- 2) While holding the front wheel by hand, swing it in and out to check that there is no bearing free play.
- 3) Loosen the wheel nuts, and remove the front wheel.
- 4) If the bearing free play exists in step 2) above, attach a dial gauge to hub COMPL and measure the looseness in the axial direction.

Service limit:

0.05 mm (0.0020 in) Max.

- 5) Remove the bolts and self-locking nuts, and extract transverse link from the front crossmember.
- 6) Remove the AARI of front drive shaft from transmission. <Ref. to DS-17, Front Axle.>
- 7) While supporting the front drive shaft horizontally with one hand, turn the hub with the other hand to check for noise or binding.

If the hub is noisy or binds, disassemble the front axle and replace the oil seals or bearing.



- (A) Inner oil seal
- (B) Snap ring
- (C) Bearing
- (D) Housing
- (E) Outer oil seal
- (F) Hub bolt
- (G) Hub

2. REAR WHEEL BEARING

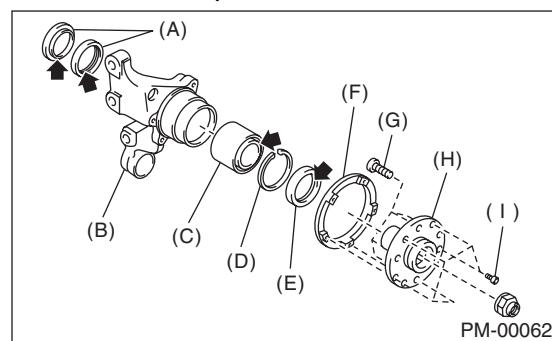
- 1) Lift up the vehicle.
- 2) While holding the rear wheel by hand, swing it in and out to check that there is no bearing free play.
- 3) Loosen the wheel nuts, and remove the rear wheel.
- 4) If the bearing free play exists in step 2) above, attach a dial gauge to hub COMPL and measure the looseness in the axial direction.

Service limit:

0.05 mm (0.0020 in) Max.

- 5) Remove the DOJ of rear drive shaft from rear differential. <Ref. to DS-36, Rear Drive Shaft.>
- 6) While supporting rear drive shaft horizontally with one hand, turn the hub COMPL with the other to check for noise or binding.

If the hub COMPL is noisy or binds, disassemble the rear axle and replace the oil seals or bearing.



- (A) Inner oil seal
- (B) Rear housing
- (C) Bearing
- (D) Snap ring
- (E) Outer oil seal
- (F) Tone wheel
- (G) Hub bolt
- (H) Hub
- (I) Socket bolt