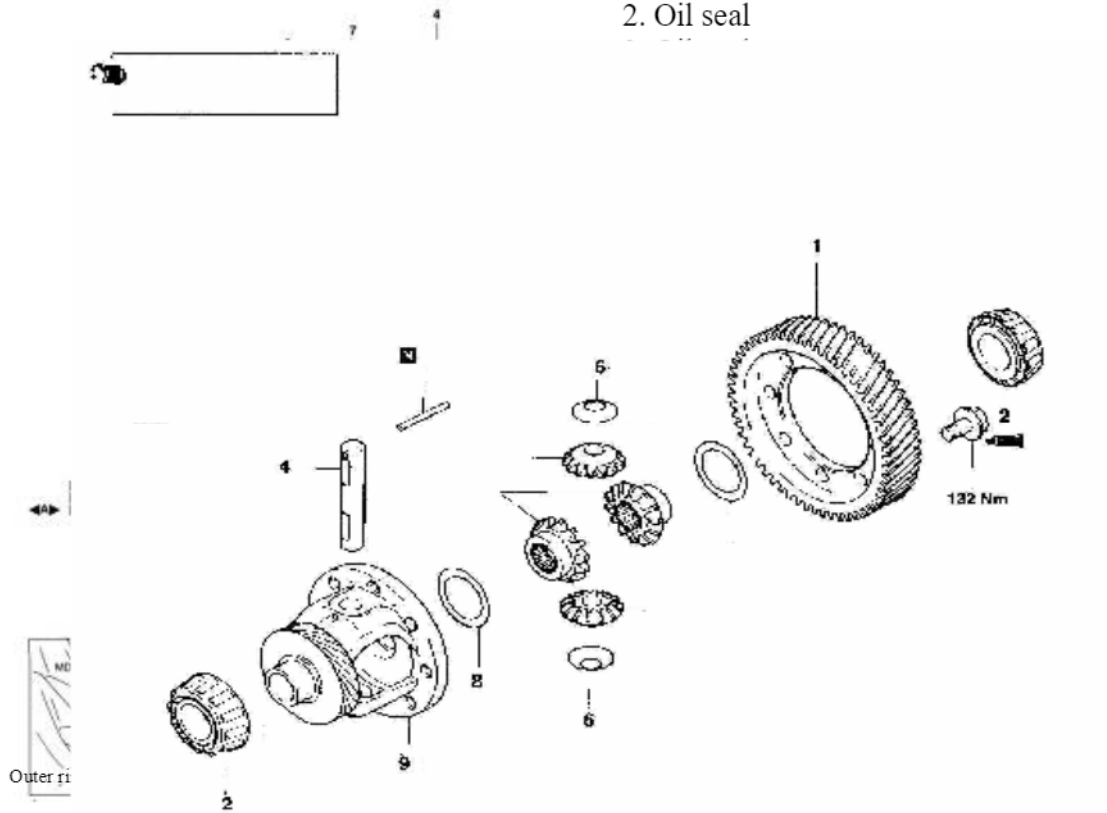
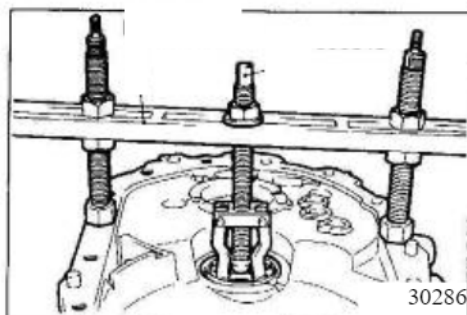


Clutch Cover Assembly and Disassembly

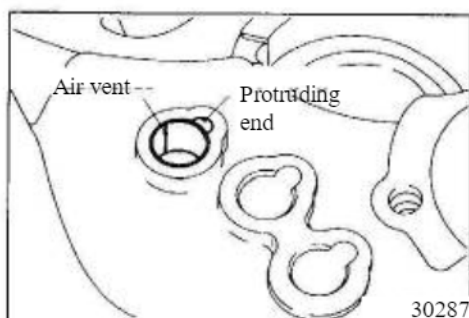
Disassembly steps:

1. Clutch release bearing bracket
2. Oil seal





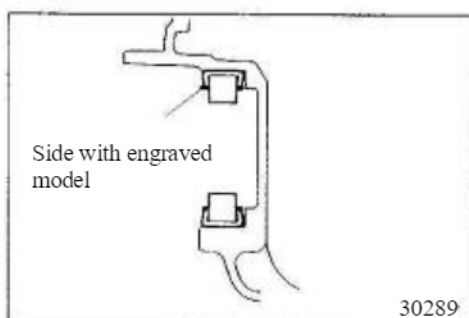
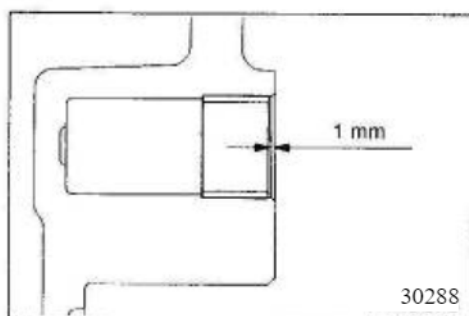
Unfixing of the outer ring



Notice for assembly

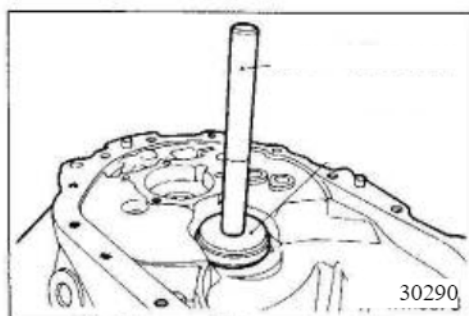
Fixing the lining

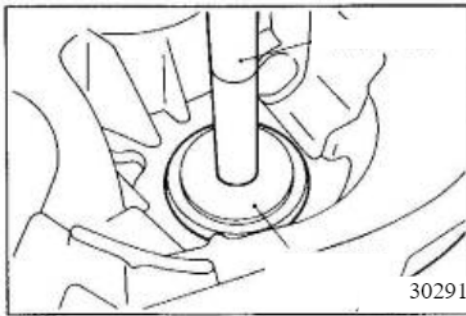
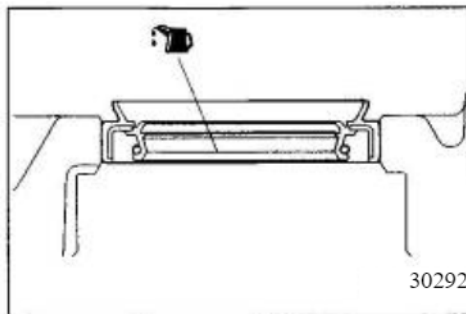
Press the lining in as the figure shows so that the protruding end of the lining does not match with the air vent.



Fixing the outer ring

Fix the outer ring so that the side with engraved model is located as the figure shows.

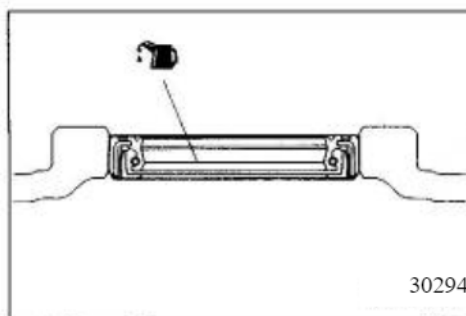
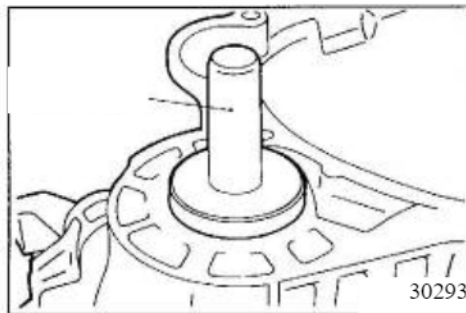


**Fixing the outer ring****Fixing the oil seal**

Apply gearbox oil onto the oil seal lip.

Required oil:

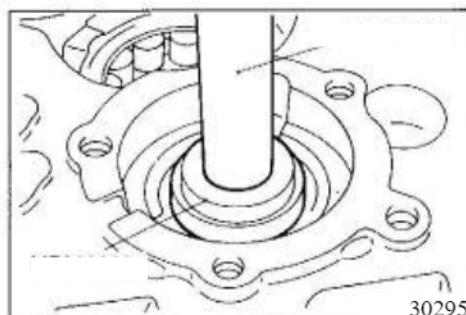
Hypoid gearbox oil SAE75-85W that complies with API classification GL-4 or above

**Fixing the oil seal**

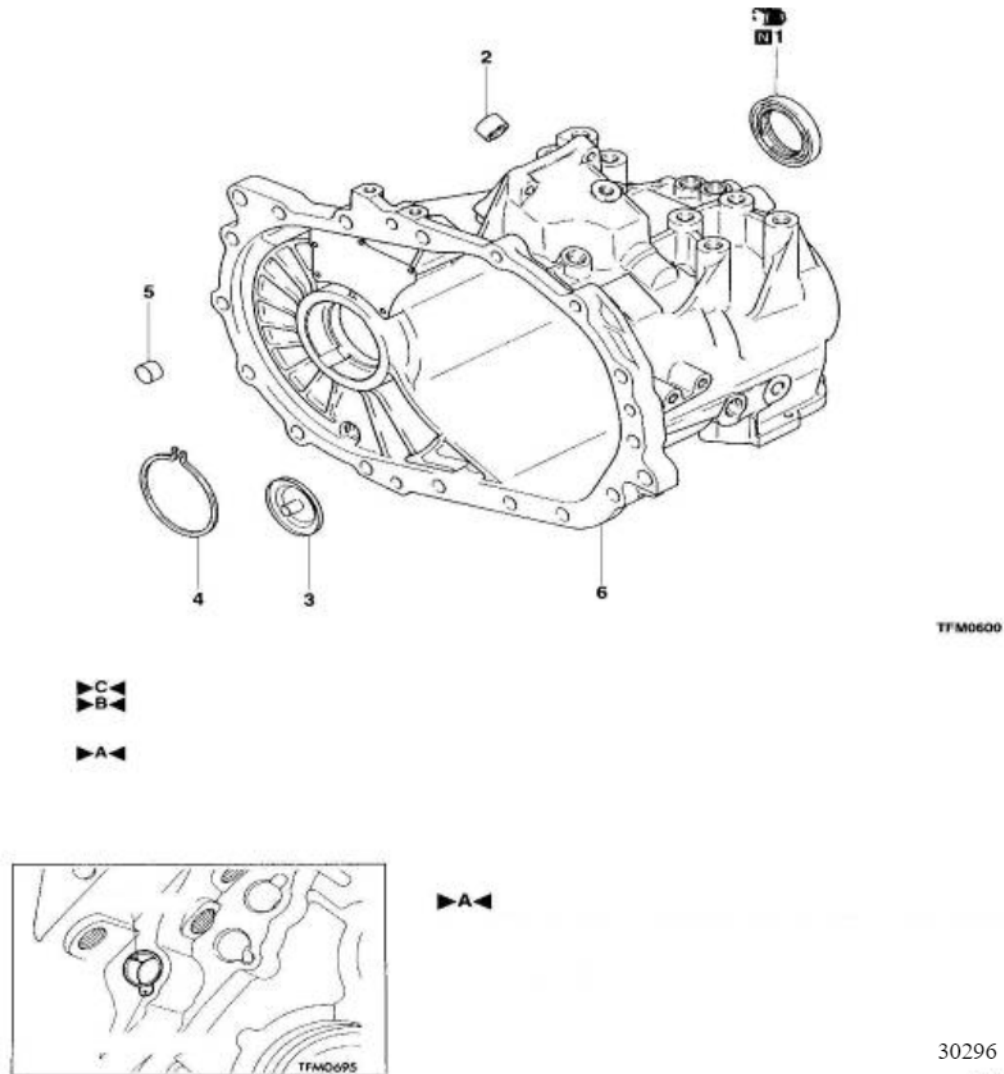
Fill lubricating oil into the oil seal lip.

Required lubricating grease

Mitsubishi Lubricating Grease Part No. 0101011 or equivalent

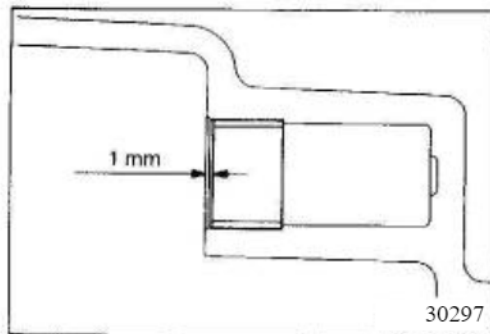


Gearbox Cover Assembly and Disassembly

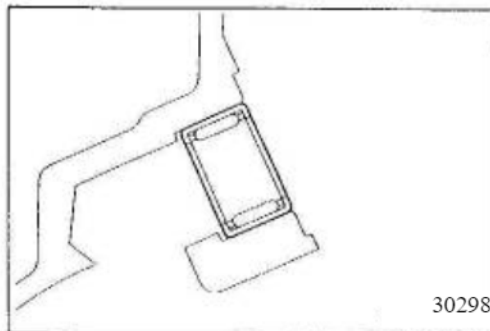


Disassembly steps:

1. Oil seal
2. Needle bearing
3. Oil guide
4. Spring snap ring
5. Lining
6. Gearbox cover

**Fixing the needle bearing**

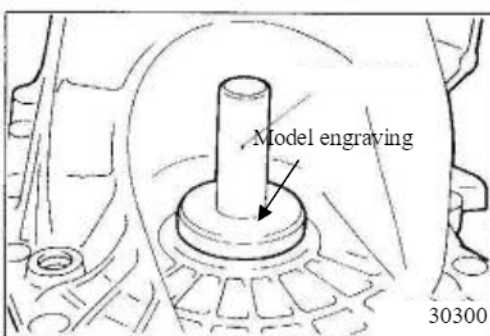
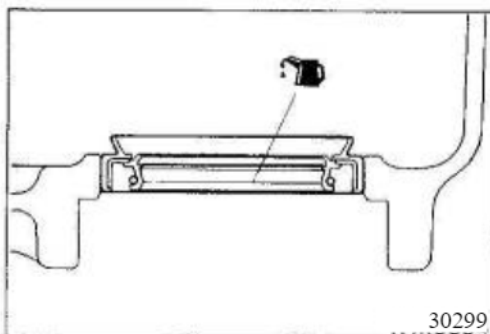
Press the needle bearing in so that it is aligned with the cover and ensure that the side with engraved model is located as the figure shows.

**Fixing the oil seal**

Apply gearbox oil onto the oil seal lip.

Required oil:

Hypoid gearbox oil SAE75-85W that complies with API classification GL-4 or above

**Notice for assembly****Fixing the lining**

Press the lining in as the figure shows so that the protruding end of the lining does not match with the air vent.



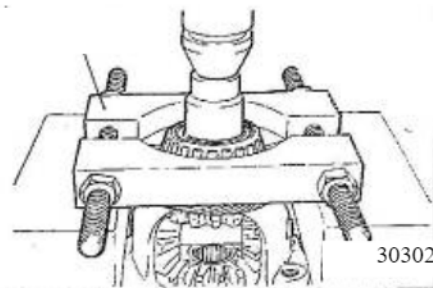
Differential Assembly and disassembly

Lubricate all inner components
with gear oil during assembly

Disassembly steps:

1. Differential drive gear
2. Taper-roller bearing
3. Lockpin
4. Pinion shaft
5. Pinion
6. Washer
7. Side gear
8. Spacer
9. Differential cover

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Notice for disassembly

Unfixing the taper-roller bearing

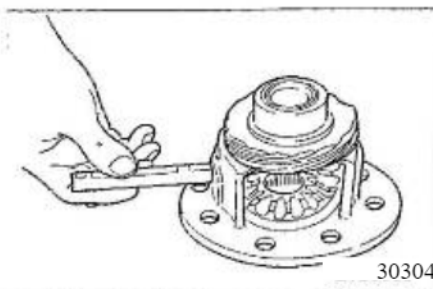


Notice for assembly

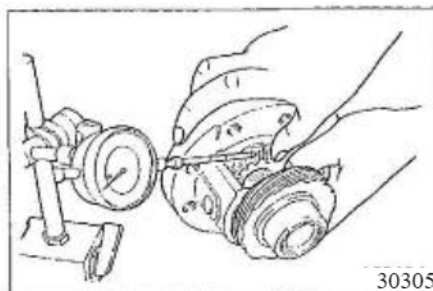
Fixing the spacer/side gear/washer/pinion/pinion shaft
(1) Fix the spacer onto the back of the side gear and then fix the side gear onto the differential.

Remarks: fix the washer of moderate thickness (0.93-1.00mm) while fixing the new side gear.

(2) After placing the washer onto the back of each pinion, engage two pinions with the side gear simultaneously. Then rotate the gear to fix it in the correct place.



(3) Inserting and fixing the pinion shaft

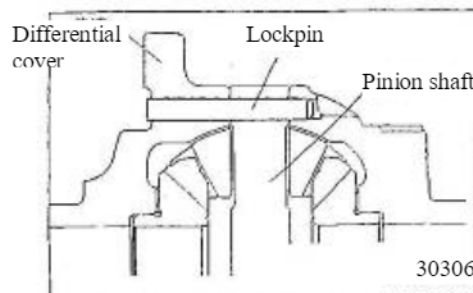


(4) Measure the tooth clearance between the side gear and the pinion.

Standard value: 0.025-0.150mm

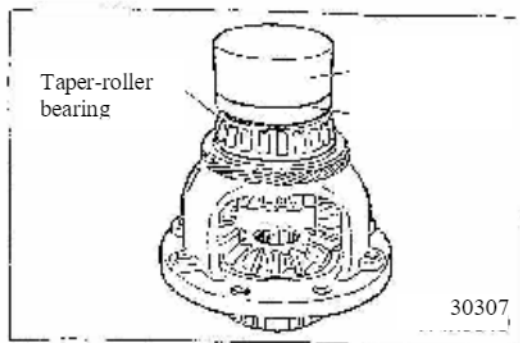
(5) If the tooth clearance measured does not comply with the standard, then select and fix the spacer and measure again.

Remarks: adjust gear clearance until it is the same on both sides.

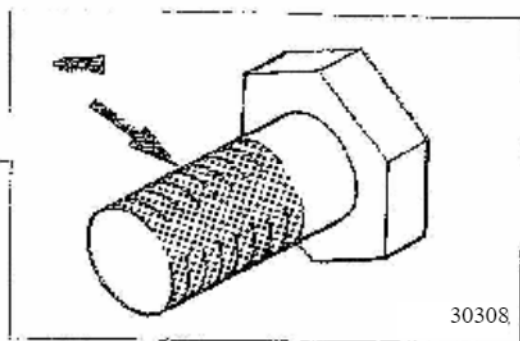


Fixing the lockpin

Fix the lockpin as the figure shows.



Fixing the taper-roller bearing

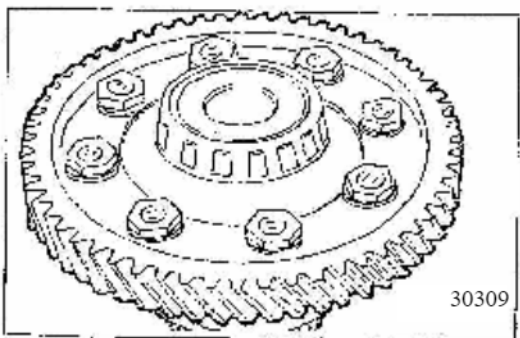


Fixing the differential drive gear

(1) Apply the sealant onto all the threads of bolts.

Required sealant:

3M STUDLOCKING NO.4170 or equivalent



(2) Tighten the bolt with required torque in the sequence shown in the figure.