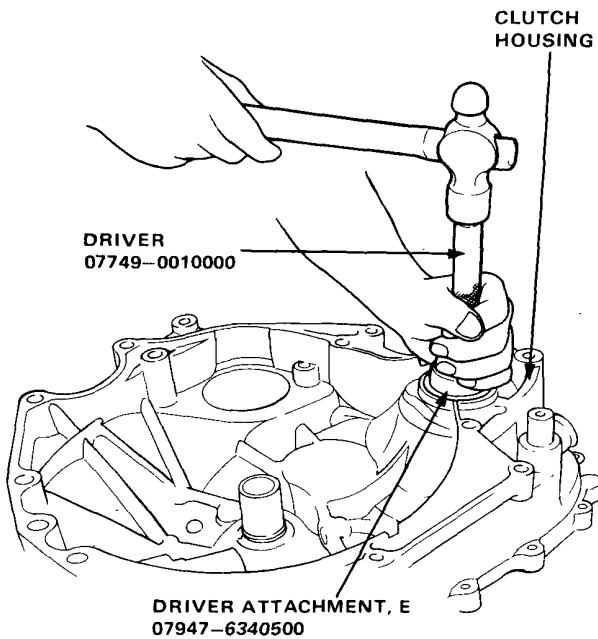


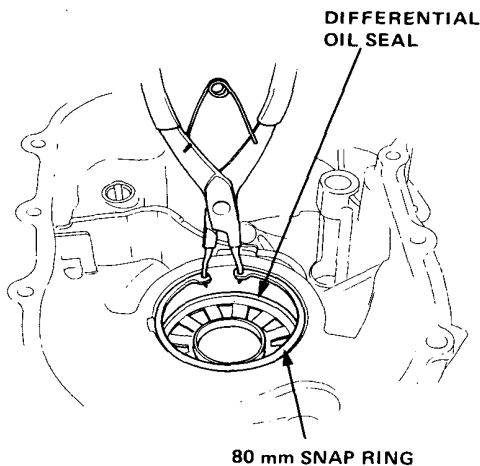
## Differential Oil Seals

### Removal

1. If seals are to be replaced, or if differential needs repair, remove differential assembly.



2. Drive the differential oil seal out of the clutch housing.
3. Remove 80 mm snap ring in transmission housing.



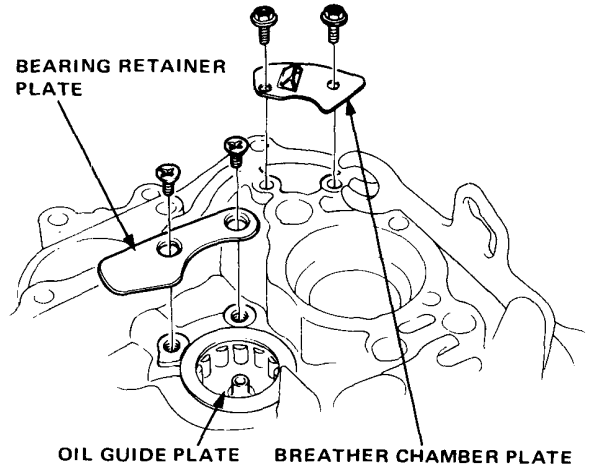
4. Drive the differential oil seal out of the transmission housing.

NOTE: Replace the differential oil seal in the transmission housing whenever disassembled.

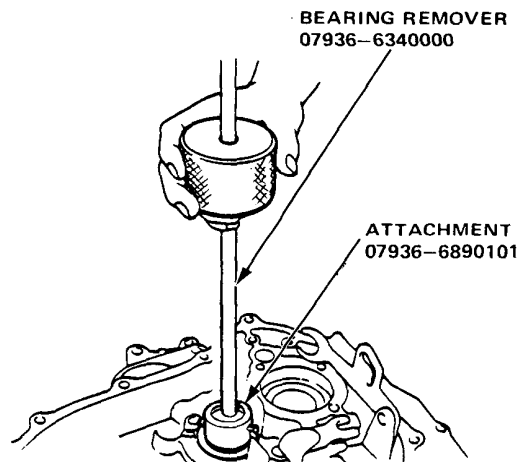
## Bearings and Seals

### Replacement (Clutch Housing)

1. Remove countershaft bearing retainer plate.
2. Remove the breather chamber plate.



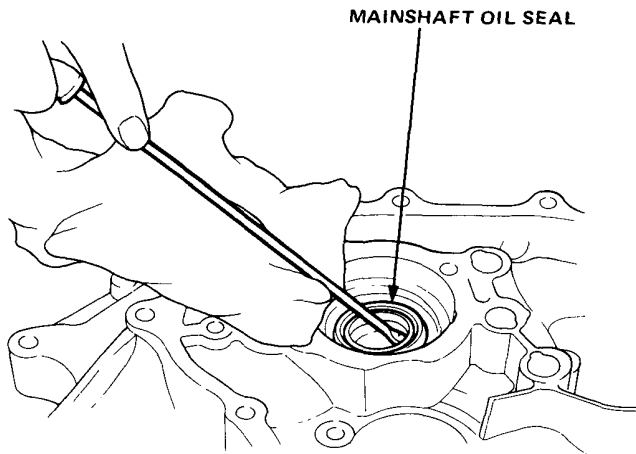
3. Insert Bearing Remover with attachment into countershaft bearing.
4. Raise slide hammer rapidly and strike against handle. Repeat several times to remove bearing.





5. Remove mainshaft bearing and oil seal from clutch housing by prying out with a screwdriver.

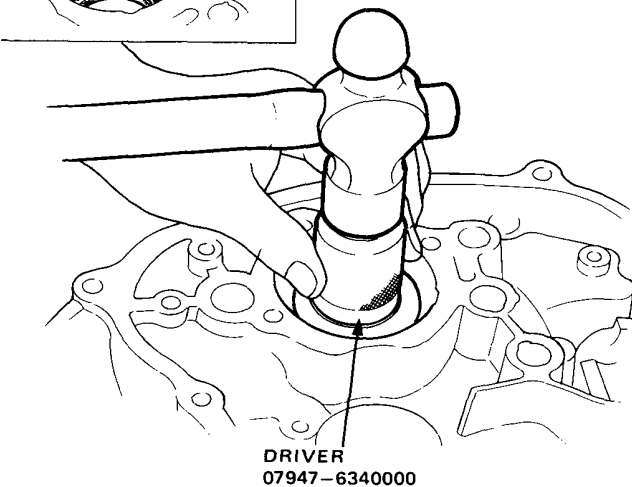
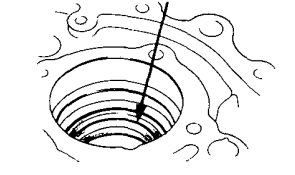
NOTE: Always install new oil seal. Do not reinstall old one.



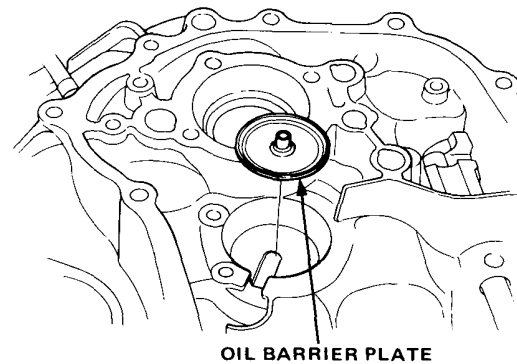
6. Install the mainshaft oil seal.

NOTE: Install the oil seal with the sealing lips facing the mainshaft bearing.

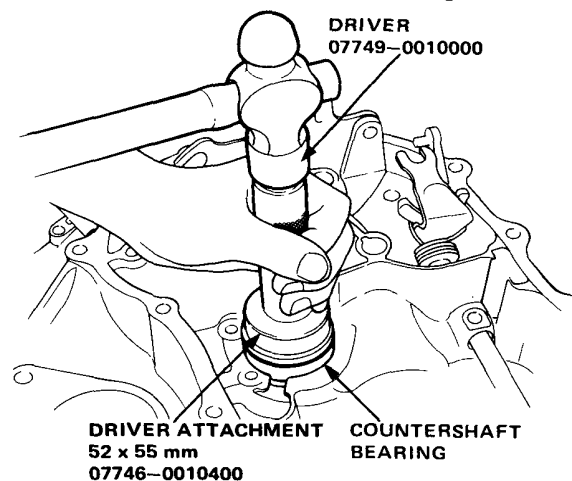
MAINSHAFT OIL SEAL



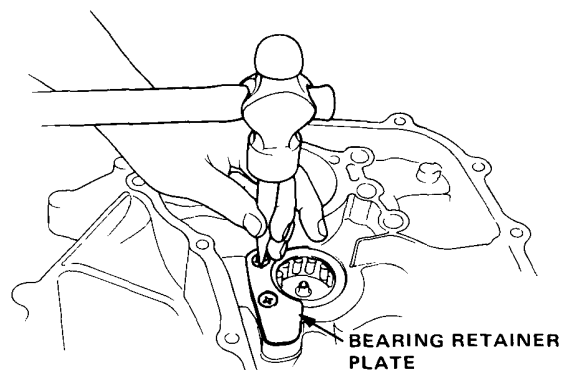
7. Install the countershaft oil barrier plate.



8. Drive in countershaft bearing with support block placed under case to support bearing boss.



9. Reinstall bearing retainer plate. Install screws using impact driver. Stake the screws.



10. Reinstall the breather chamber plate.