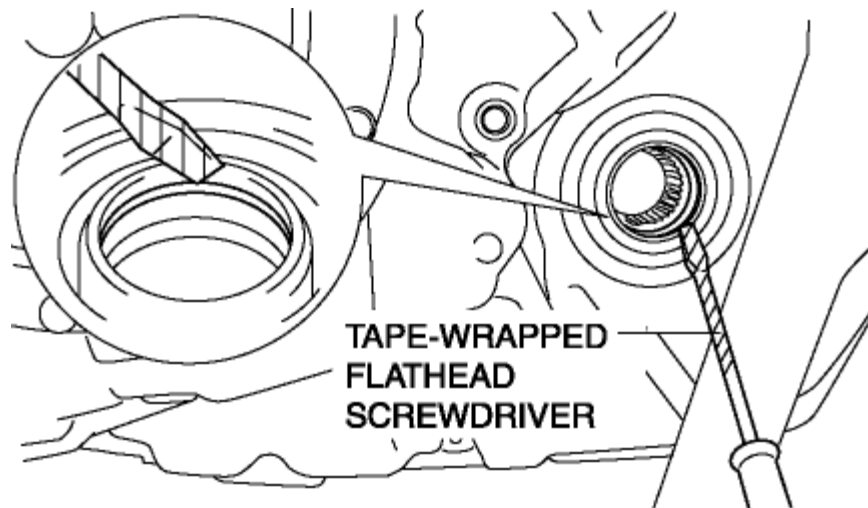


2012 - Mazda6 - Transmission/ Transaxle

DIFFERENTIAL GEAR O-RING REPLACEMENT [AY6A-EL]

1. Remove the front splash shield. (See [SPLASH SHIELD REMOVAL/ INSTALLATION.](#))
2. Disconnect the drive shaft (LH) from the transaxle. (See [DRIVE SHAFT REMOVAL/ INSTALLATION.](#))
3. Disconnect the drive shaft (RH) from the joint shaft. (See [DRIVE SHAFT REMOVAL/ INSTALLATION.](#))
4. Remove the joint shaft. (See [JOINT SHAFT REMOVAL/ INSTALLATION.](#))
5. Remove and discard the O-rings using a tape-wrapped flathead screwdriver.



CAUTION:

- Do not damage the differential case.

6. Apply ATF to the new O-rings and install it to the differential case.

CAUTION:

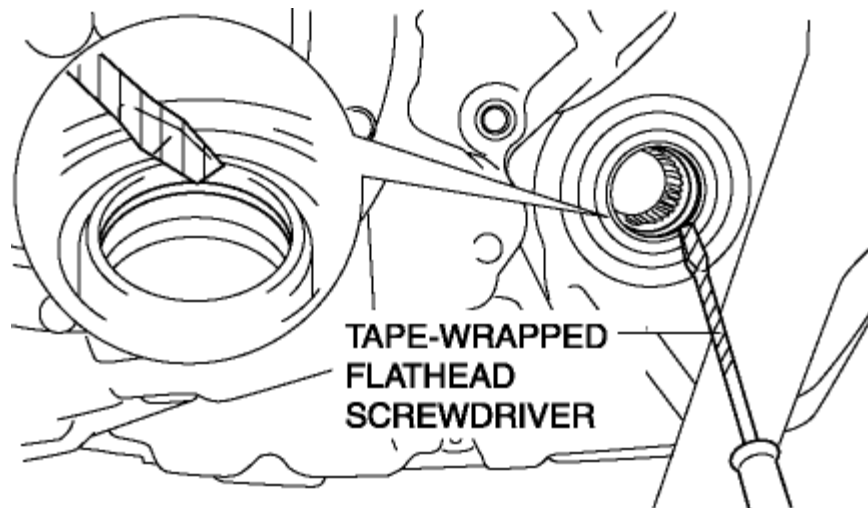
- Do not damage the O-rings.
- Do not damage the differential case.

7. Install the joint shaft. (See [JOINT SHAFT REMOVAL/ INSTALLATION.](#))
8. Install the drive shaft (RH) to the joint shaft. (See [DRIVE SHAFT REMOVAL/ INSTALLATION.](#))
9. Install the drive shaft (LH) to the transaxle. (See [DRIVE SHAFT REMOVAL/ INSTALLATION.](#))
10. Install the front splash shield. (See [SPLASH SHIELD REMOVAL/ INSTALLATION.](#))

2012 - Mazda6 - Transmission/ Transaxle

DIFFERENTIAL GEAR O-RING REPLACEMENT [AY6A-EL]

1. Remove the front splash shield. (See [SPLASH SHIELD REMOVAL/ INSTALLATION.](#))
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3. Disconnect the drive shaft (RH) from the joint shaft. (See [DRIVE SHAFT REMOVAL/ INSTALLATION.](#))
4. Remove the joint shaft. (See [JOINT SHAFT REMOVAL/ INSTALLATION.](#))
5. Remove and discard the O-rings using a tape-wrapped flathead screwdriver.



CAUTION:

- Do not damage the differential case.

6. Apply ATF to the new O-rings and install it to the differential case.

CAUTION:

- Do not damage the O-rings.
- Do not damage the differential case.

7. Install the joint shaft. (See [JOINT SHAFT REMOVAL/ INSTALLATION.](#))
8. Install the drive shaft (RH) to the joint shaft. (See [DRIVE SHAFT REMOVAL/ INSTALLATION.](#))
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10. Install the front splash shield. (See [SPLASH SHIELD REMOVAL/ INSTALLATION.](#))

