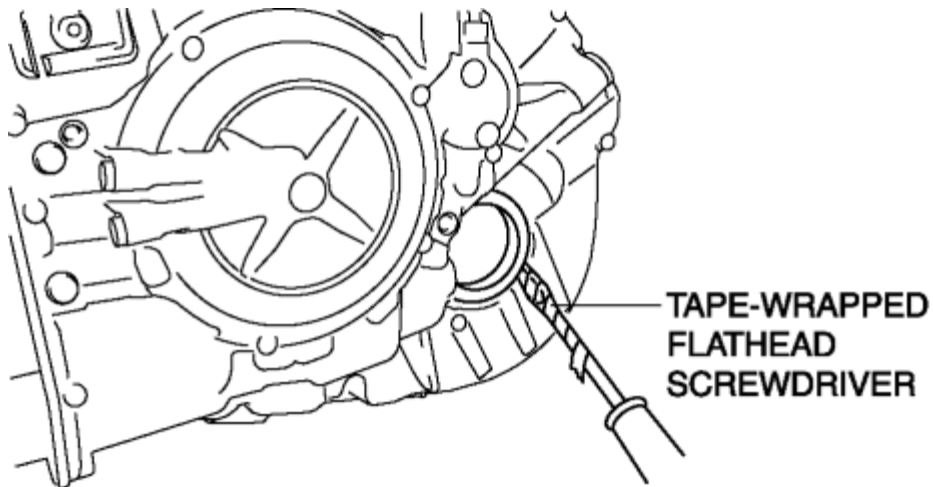


2012 - Mazda6 - Transmission/ Transaxle

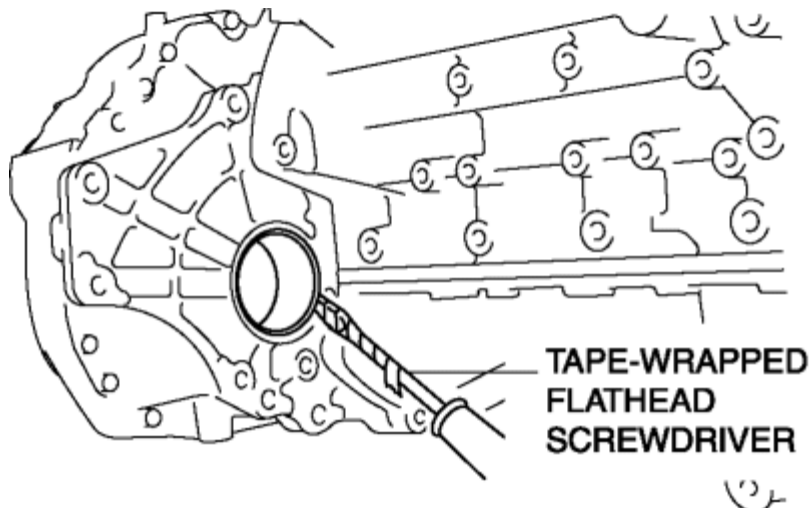
OIL SEAL (DIFFERENTIAL) REPLACEMENT [AY6A-EL]

1. Drain the ATF. (See [AUTOMATIC TRANSAXLE FLUID \(ATF\) REPLACEMENT \[AY6A-EL\]](#).)
2. Remove the front splash shield. (See [SPLASH SHIELD REMOVAL/ INSTALLATION.](#))
3. Disconnect the drive shaft from the transaxle. (See [DRIVE SHAFT REMOVAL/ INSTALLATION.](#))
4. Remove the joint shaft. (See [JOINT SHAFT REMOVAL/ INSTALLATION.](#))
5. Remove the oil seal lip using a utility knife.
6. Remove and discard the oil seal using a tape-wrapped flathead screwdriver.

Transaxle Case Side



Converter Housing Side



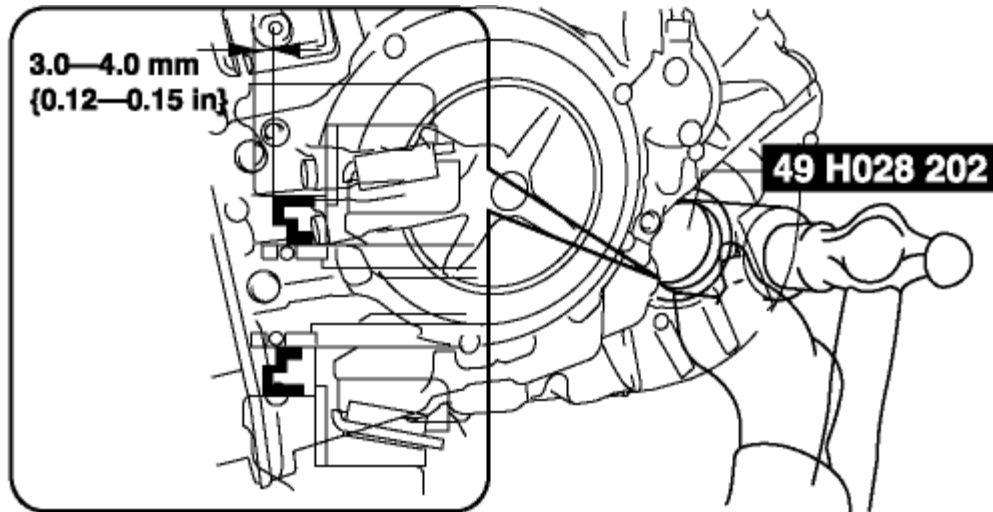
CAUTION:

Do not damage the transaxle case.

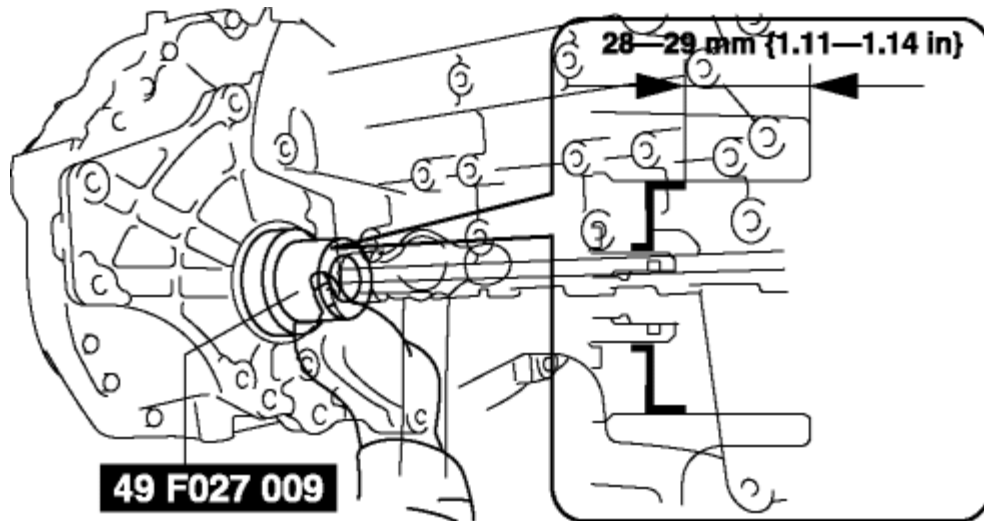
- Do not damage the differential case.

7. Using the **SST** and a hammer, tap a new oil seal so that the specified oil seal position is obtained.

Transaxle Case Side



Converter Housing Side



CAUTION:

- Do not damage the oil seal.

8. Install the joint shaft. (See [JOINT SHAFT REMOVAL/ INSTALLATION](#).)

9. Install the drive shaft to the transaxle. (See [DRIVE SHAFT REMOVAL/ INSTALLATION](#).)

10. Install the front splash shield. (See [SPLASH SHIELD REMOVAL/ INSTALLATION](#).)

11. Add ATF. (See [AUTOMATIC TRANSAXLE FLUID \(ATF\) LEVEL ADJUSTMENT \[AY6A-EL\]](#).)

12. Adjust the ATF level. (See [AUTOMATIC TRANSAXLE FLUID \(ATF\) LEVEL ADJUSTMENT \[AY6A-EL\]](#).)

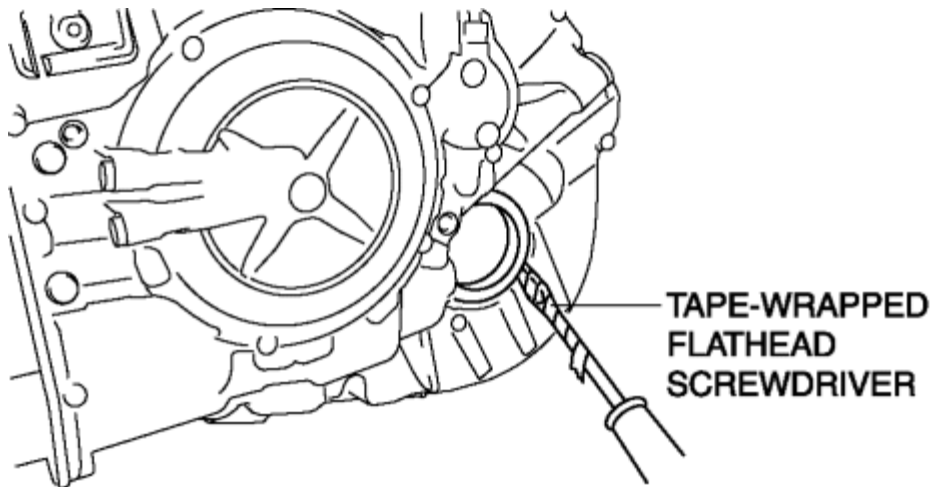
13. Perform the "Mechanical System Test". (See [MECHANICAL SYSTEM TEST \[AY6A-EL\]](#).)

2012 - Mazda6 - Transmission/ Transaxle

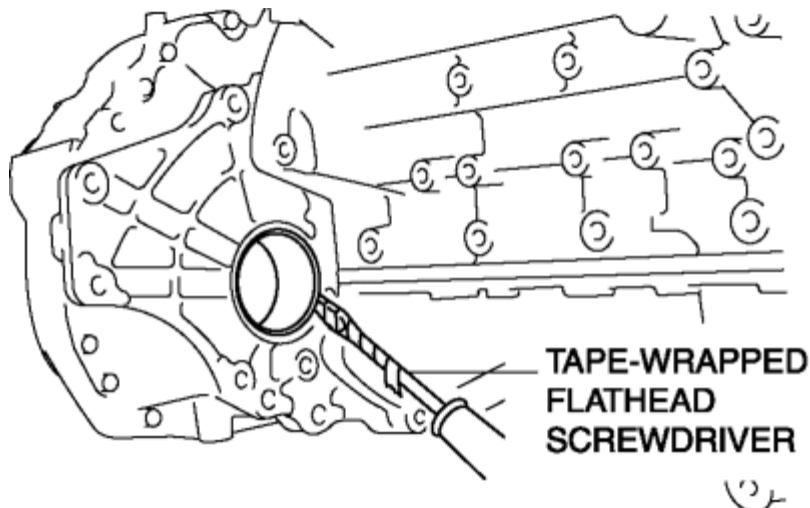
OIL SEAL (DIFFERENTIAL) REPLACEMENT [AY6A-EL]

1. Drain the ATF. (See [AUTOMATIC TRANSAXLE FLUID \(ATF\) REPLACEMENT \[AY6A-EL\]](#).)
2. Remove the front splash shield. (See [SPLASH SHIELD REMOVAL/ INSTALLATION.](#))
3. Disconnect the drive shaft from the transaxle. (See [DRIVE SHAFT REMOVAL/ INSTALLATION.](#))
4. Remove the joint shaft. (See [JOINT SHAFT REMOVAL/ INSTALLATION.](#))
5. Remove the oil seal lip using a utility knife.
6. Remove and discard the oil seal using a tape-wrapped flathead screwdriver.

Transaxle Case Side



Converter Housing Side



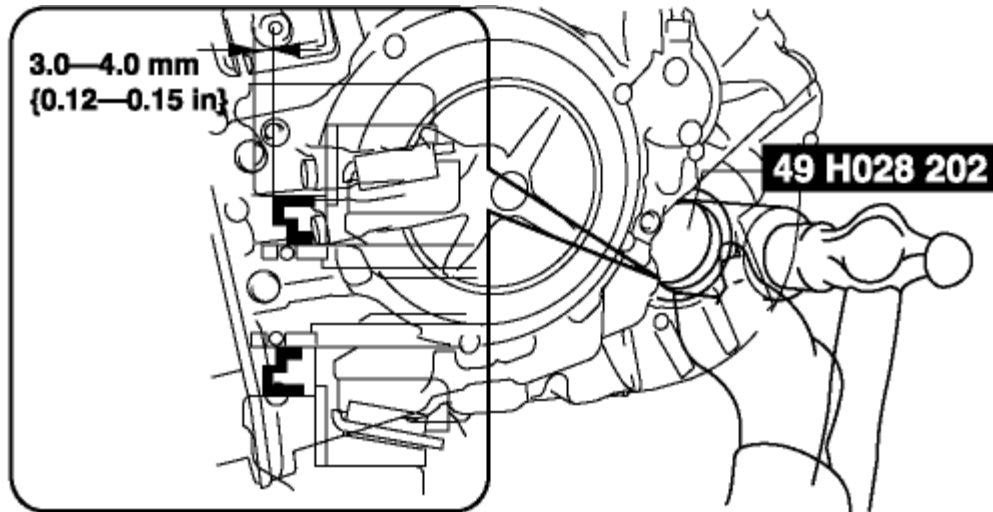
CAUTION:

Do not damage the transaxle case.

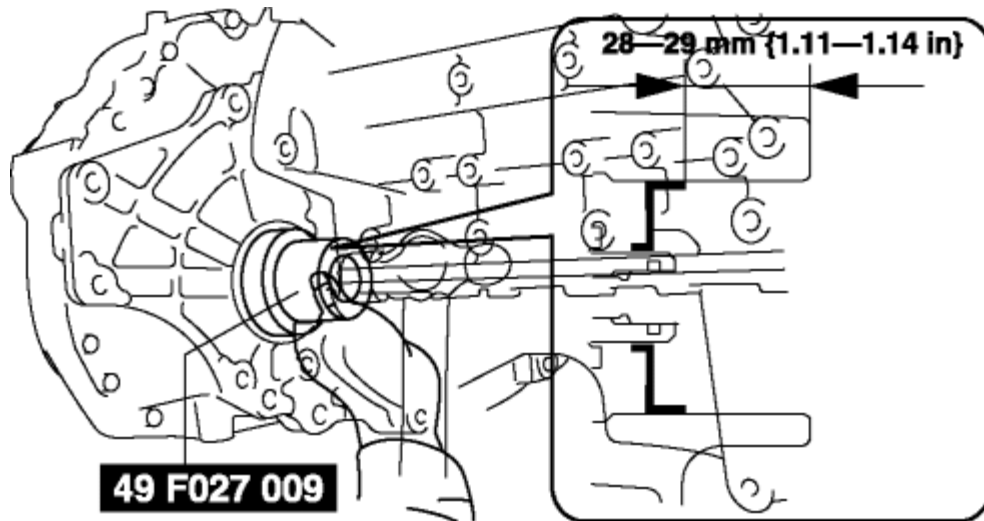
- Do not damage the differential case.

7. Using the **SST** and a hammer, tap a new oil seal so that the specified oil seal position is obtained.

Transaxle Case Side



Converter Housing Side



CAUTION:

- Do not damage the oil seal.

8. Install the joint shaft. (See [JOINT SHAFT REMOVAL/ INSTALLATION](#).)

9. Install the drive shaft to the transaxle. (See [DRIVE SHAFT REMOVAL/ INSTALLATION](#).)

10. Install the front splash shield. (See [SPLASH SHIELD REMOVAL/ INSTALLATION](#).)

11. Add ATF. (See [AUTOMATIC TRANSAXLE FLUID \(ATF\) LEVEL ADJUSTMENT \[AY6A-EL\]](#).)

12. Adjust the ATF level. (See [AUTOMATIC TRANSAXLE FLUID \(ATF\) LEVEL ADJUSTMENT \[AY6A-EL\]](#).)

13. Perform the "Mechanical System Test". (See [MECHANICAL SYSTEM TEST \[AY6A-EL\]](#).)

