

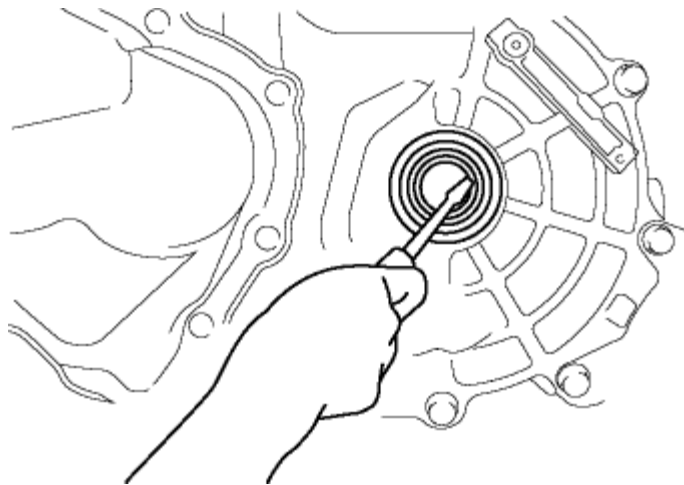
2012 - Mazda6 - Transmission/ Transaxle

OIL SEAL (DIFFERENTIAL) REPLACEMENT [G66M-R]

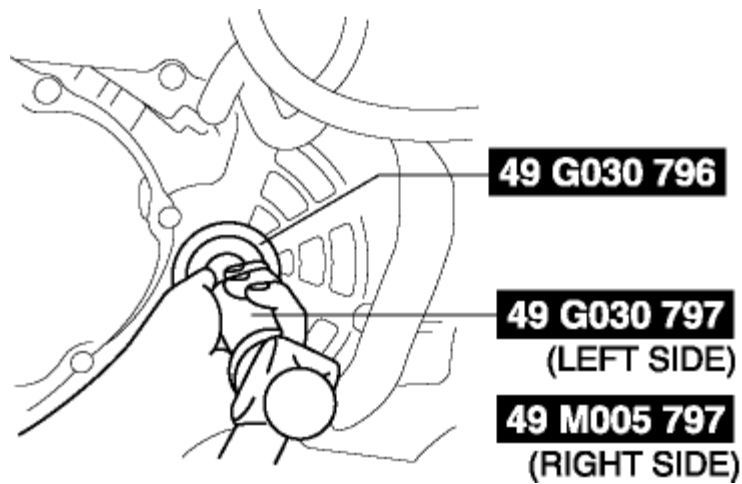
CAUTION:

- Performing the following procedures without first removing the ABS wheel-speed sensor may possibly cause an open circuit in the wiring harness if it is pulled by mistake. Before performing the following procedures, disconnect the ABS wheel-speed sensor connector (axle side) and fix the wiring harness to an appropriate place where it will not be pulled by mistake while servicing the vehicle.

1. On level ground, jack up the vehicle and support it evenly on safety stands.
2. Remove the aerodynamic under cover No.2. (See [AERODYNAMIC UNDER COVER NO.2 REMOVAL/ INSTALLATION](#).)
3. Drain the transaxle oil from the transaxle. (See [BATTERY REMOVAL/ INSTALLATION \[MZR 2.5\]](#).)
4. Remove the front tires. (See [GENERAL PROCEDURES \(SUSPENSION\)](#).)
5. Remove the splash shields. (See [SPLASH SHIELD REMOVAL/ INSTALLATION](#).)
6. Disconnect the drive shaft (LH) from the transaxle. (See [DRIVE SHAFT REMOVAL/ INSTALLATION](#).)
7. Disconnect the drive shaft (RH) from the joint shaft. (See [DRIVE SHAFT REMOVAL/ INSTALLATION](#).)
8. Remove the joint shaft. (See [JOINT SHAFT REMOVAL/ INSTALLATION](#).)
9. Remove the oil seals using a screwdriver.



10. Using the **SSTs** and a hammer, tap each new oil seal in evenly until the **SST** contacts the transaxle case.



11. Coat the lip of each oil seal with transaxle oil.
12. Install the joint shaft. (See [JOINT SHAFT REMOVAL/ INSTALLATION.](#))
13. Install the drive shaft (RH) to the joint shaft. (See [DRIVE SHAFT REMOVAL/ INSTALLATION.](#))
14. Install the drive shaft (LH) to the transaxle. (See [DRIVE SHAFT REMOVAL/ INSTALLATION.](#))
15. Install the splash shields. (See [SPLASH SHIELD REMOVAL/ INSTALLATION.](#))
16. Install the front tires. (See [GENERAL PROCEDURES \(SUSPENSION\).](#))
17. Add the specified amount and type of transaxle oil. (See [TRANSAXLE OIL REPLACEMENT \[G66M-R\].](#))
18. Install the aerodynamic under cover No.2. (See [AERODYNAMIC UNDER COVER NO.2 REMOVAL/ INSTALLATION.](#))

[< Previous](#) [Next >](#)

[Back to Top](#)

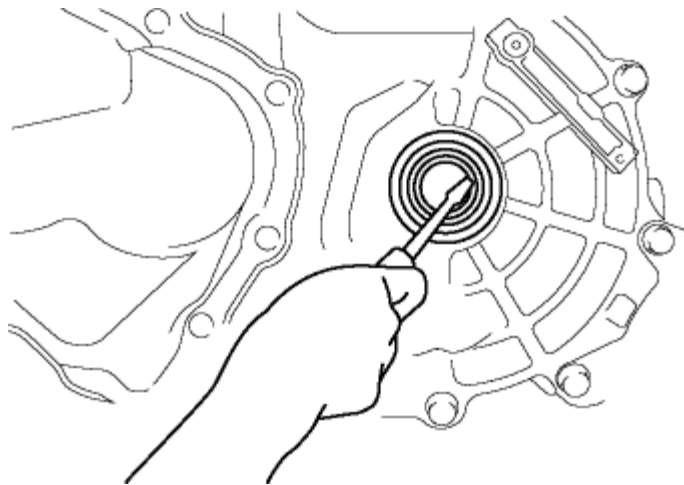
2012 - Mazda6 - Transmission/ Transaxle

OIL SEAL (DIFFERENTIAL) REPLACEMENT [G66M-R]

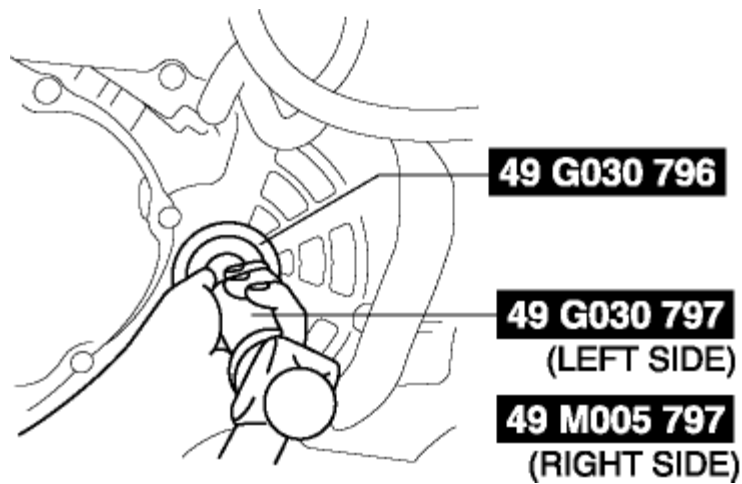
CAUTION:

- Performing the following procedures without first removing the ABS wheel-speed sensor may possibly cause an open circuit in the wiring harness if it is pulled by mistake. Before performing the following procedures, disconnect the ABS wheel-speed sensor connector (axle side) and fix the wiring harness to an appropriate place where it will not be pulled by mistake while servicing the vehicle.

1. On level ground, jack up the vehicle and support it evenly on safety stands.
2. Remove the aerodynamic under cover No.2. (See [AERODYNAMIC UNDER COVER NO.2 REMOVAL/ INSTALLATION](#).)
3. Drain the transaxle oil from the transaxle. (See [BATTERY REMOVAL/ INSTALLATION \[MZR 2.5\]](#).)
4. Remove the front tires. (See [GENERAL PROCEDURES \(SUSPENSION\)](#).)
5. Remove the splash shields. (See [SPLASH SHIELD REMOVAL/ INSTALLATION](#).)
6. Disconnect the drive shaft (LH) from the transaxle. (See [DRIVE SHAFT REMOVAL/ INSTALLATION](#).)
7. Disconnect the drive shaft (RH) from the joint shaft. (See [DRIVE SHAFT REMOVAL/ INSTALLATION](#).)
8. Remove the joint shaft. (See [JOINT SHAFT REMOVAL/ INSTALLATION](#).)
9. Remove the oil seals using a screwdriver.



10. Using the **SSTs** and a hammer, tap each new oil seal in evenly until the **SST** contacts the transaxle case.



11. Coat the lip of each oil seal with transaxle oil.
12. Install the joint shaft. (See [JOINT SHAFT REMOVAL/ INSTALLATION](#).)
13. Install the drive shaft (RH) to the joint shaft. (See [DRIVE SHAFT REMOVAL/ INSTALLATION](#).)
14. Install the drive shaft (LH) to the transaxle. (See [DRIVE SHAFT REMOVAL/ INSTALLATION](#).)
15. Install the splash shields. (See [SPLASH SHIELD REMOVAL/ INSTALLATION](#).)
16. Install the front tires. (See [GENERAL PROCEDURES \(SUSPENSION\)](#).)
17. Add the specified amount and type of transaxle oil. (See [TRANSAXLE OIL REPLACEMENT \[G66M-R\]](#).)
18. Install the aerodynamic under cover No.2. (See [AERODYNAMIC UNDER COVER NO.2 REMOVAL/ INSTALLATION](#).)

[< Previous](#) [Next >](#)

[Back to Top](#)