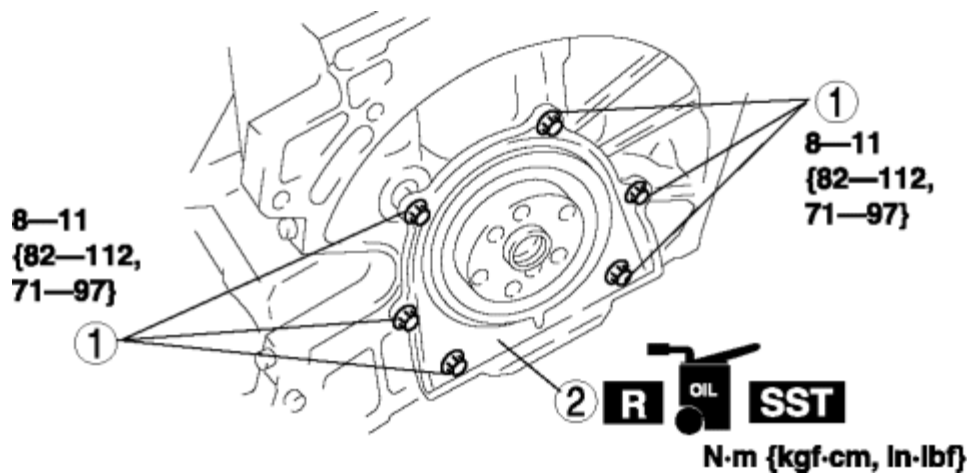


2012 - Mazda6 - Engine

REAR OIL SEAL REPLACEMENT [MZR 2.5]

1. Remove the transaxle. (See [AUTOMATIC TRANSAXLE REMOVAL/ INSTALLATION \[FS5A-EL\]](#) (ATX).) (See [MANUAL TRANSAXLE REMOVAL/ INSTALLATION \[G66M-R\]](#) (MTX).)
2. Remove the drive plate (ATX) or the flywheel (MTX). (See [DRIVE PLATE REMOVAL/ INSTALLATION \[FS5A-EL\]](#) (ATX).) (See [CLUTCH UNIT REMOVAL/ INSTALLATION \[G66M-R\]](#) (MTX).)
3. Remove in the order indicated in the table.
4. Install in the reverse order of removal.

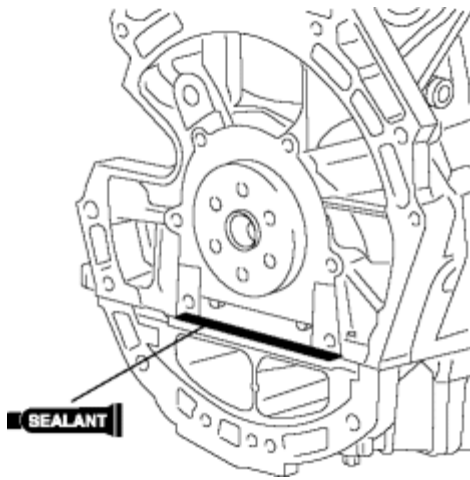


1 Bolt
2 Rear oil seal
(See Rear Oil Seal Installation Note.)

Rear Oil Seal Installation Note

CAUTION:

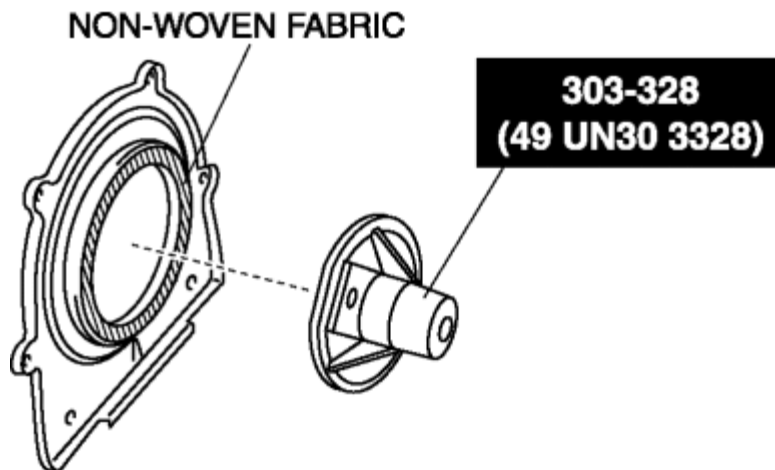
- Install the rear oil seal before the applied silicone sealant starts to harden.
1. Apply silicone sealant to the mating faces as shown in the figure.



Thickness

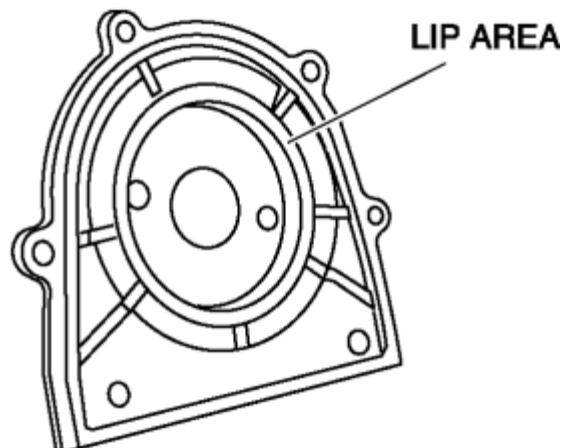
- 2.2—3.2 mm {0.09—0.12 in}

2. Apply clean engine oil to the new oil seal lip.
3. Install the **SST** to the non-woven fabric side of the rear oil seal.

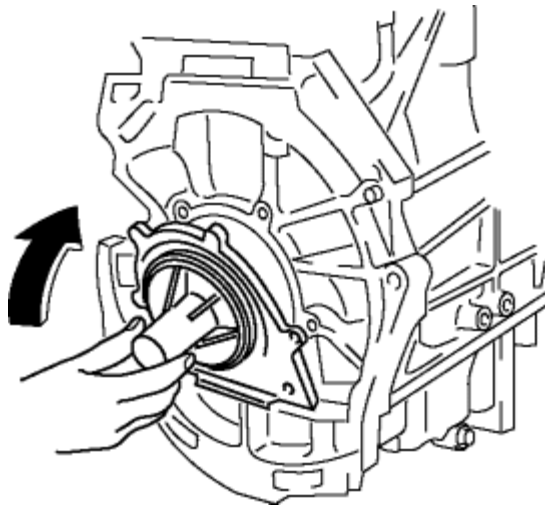


4. From the back side of the rear oil seal, verify that there is no damage or separation in the lip area of the rear oil seal.

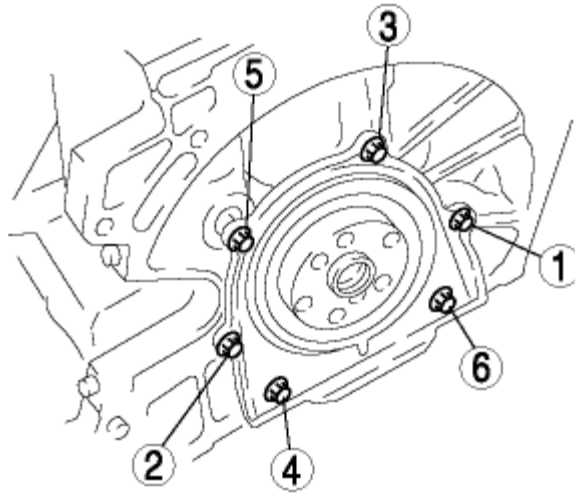
BACK SIDE OF REAR OIL SEAL



5. Install the rear oil seal to the engine as shown in the figure.



6. Tighten the rear oil seal bolts in the order as shown in the figure.



Tightening torque

- 8—11 N·m {82—112 kgf·cm, 71—97 in·lbf}

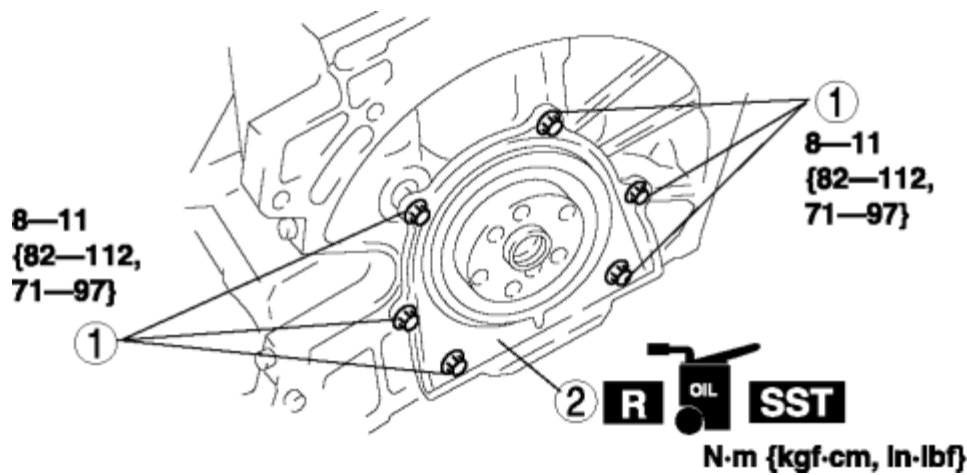
[< Previous](#) [Next >](#)

[Back to Top](#)

2012 - Mazda6 - Engine

REAR OIL SEAL REPLACEMENT [MZR 2.5]

1. Remove the transaxle. (See [AUTOMATIC TRANSAXLE REMOVAL/ INSTALLATION \[FS5A-EL\]](#) (ATX).) (See [MANUAL TRANSAXLE REMOVAL/ INSTALLATION \[G66M-R\]](#) (MTX).)
2. Remove the drive plate (ATX) or the flywheel (MTX). (See [DRIVE PLATE REMOVAL/ INSTALLATION \[FS5A-EL\]](#) (ATX).) (See [CLUTCH UNIT REMOVAL/ INSTALLATION \[G66M-R\]](#) (MTX).)
3. Remove in the order indicated in the table.
4. Install in the reverse order of removal.

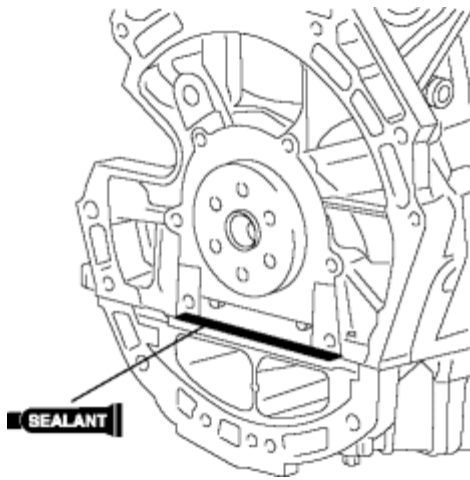


1 Bolt
2 Rear oil seal (See Rear Oil Seal Installation Note.)

Rear Oil Seal Installation Note

CAUTION:

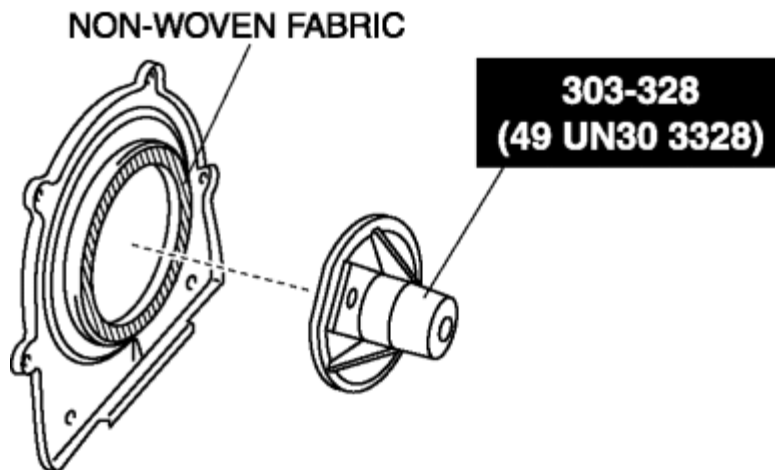
- Install the rear oil seal before the applied silicone sealant starts to harden.
1. Apply silicone sealant to the mating faces as shown in the figure.



Thickness

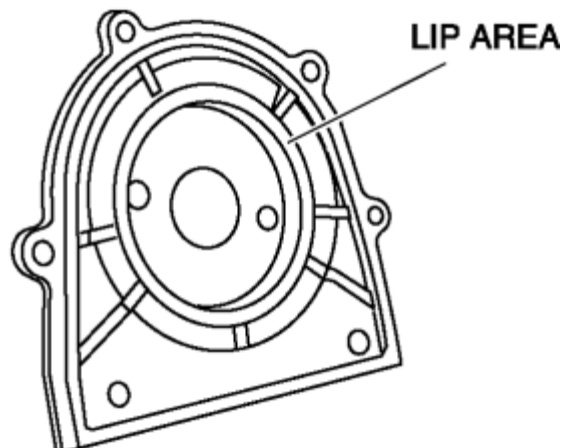
- 2.2—3.2 mm {0.09—0.12 in}

2. Apply clean engine oil to the new oil seal lip.
3. Install the **SST** to the non-woven fabric side of the rear oil seal.

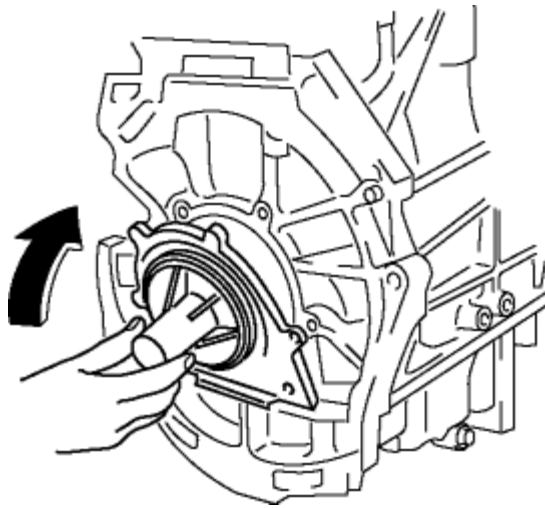


4. From the back side of the rear oil seal, verify that there is no damage or separation in the lip area of the rear oil seal.

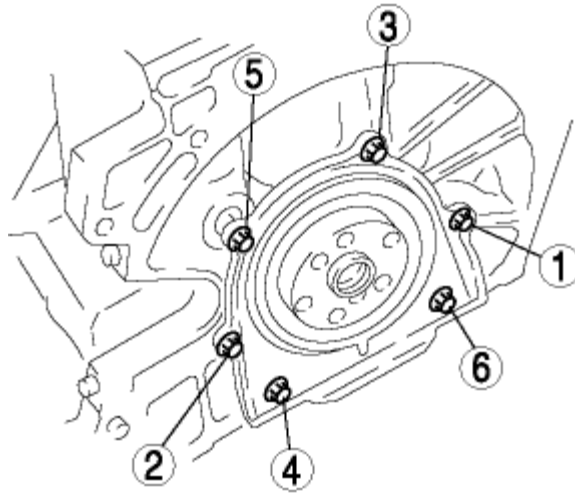
BACK SIDE OF REAR OIL SEAL



5. Install the rear oil seal to the engine as shown in the figure.



6. Tighten the rear oil seal bolts in the order as shown in the figure.



Tightening torque

- 8—11 N·m {82—112 kgf·cm, 71—97 in·lbf}

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

[Back to Top](#)

© 2011 Mazda North American Operations, U.S.A.