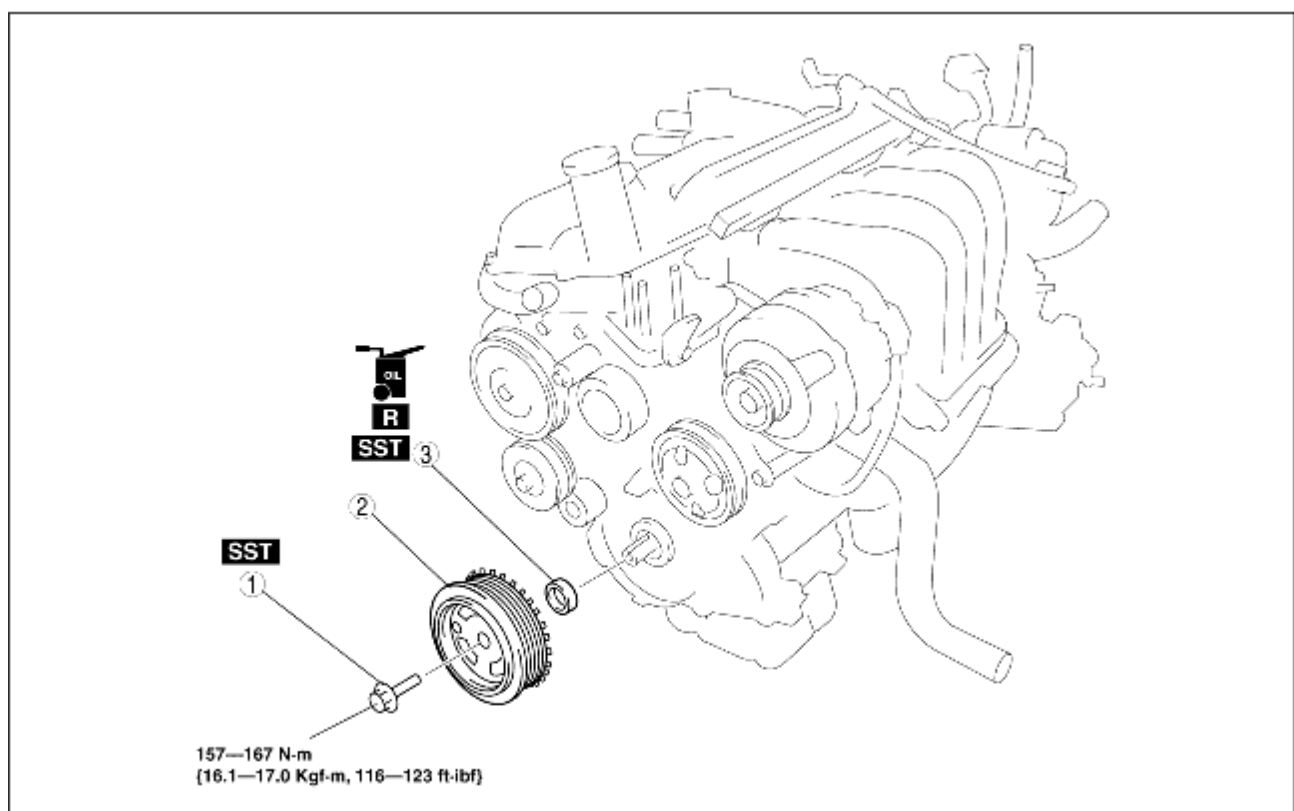


FRONT OIL SEAL REPLACEMENT [ZJ, Z6]

B3E011010602W01

1. Remove the battery cover.
2. Disconnect the negative battery cable.
3. Remove the drive belt. (See [DRIVE BELT REPLACEMENT \[ZJ, Z6\]](#).)
4. Remove in the order indicated in the table.
5. Install in the reverse order of removal.



B3E0110W021

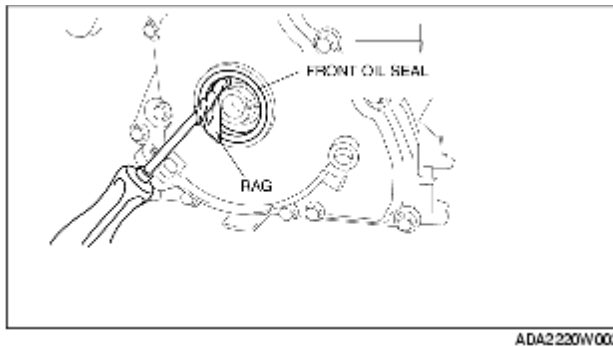
1	Crankshaft pulley installation bolt (See Crankshaft Pulley Installation Bolt Removal Note) (See Crankshaft Pulley Installation Bolt Installation Note)
2	Crankshaft pulley
3	Front oil seal (See Front Oil Seal Removal Note) (See Front Oil Seal Installation Note)

Crankshaft Pulley Installation Bolt Removal Note

1. Fix the crankshaft pulley using the **SSTs**.
2. Remove the crankshaft pulley installation bolt.

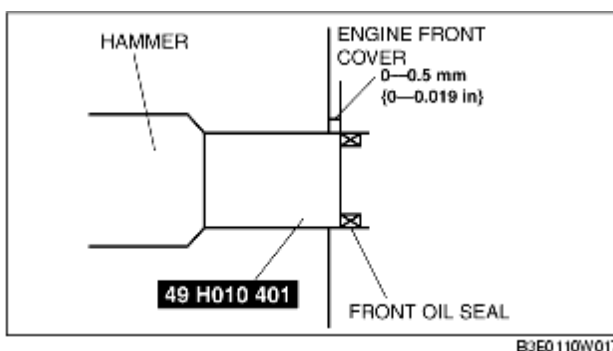
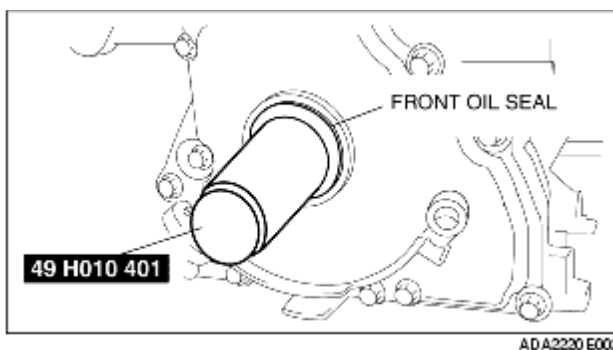
Front Oil Seal Removal Note

1. Remove the oil seal lip using a cutting knife.
2. Remove the oil seal using a flathead screwdriver with the tip protected by a rag to prevent crankshaft oil seal damage.



Front Oil Seal Installation Note

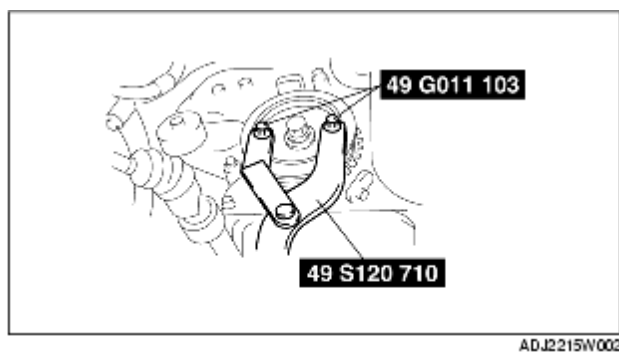
1. Apply clean engine oil to the new front oil seal.
2. Insert the front oil seal into the engine front cover by hand.
3. Tap the front oil seal in using the **SST** and a hammer.



Compression amount
From the engine front cover
0-0.5 mm {0-0.019 in}

Crankshaft Pulley Installation Bolt Installation Note

1. Fix the crankshaft pulley using the **SSTs**.
2. Tighten the crankshaft pulley installation bolt.

**Tightening torque****157-167 N·m {16.1-17.0 kgf·m, 116-123 ft·lbf}**