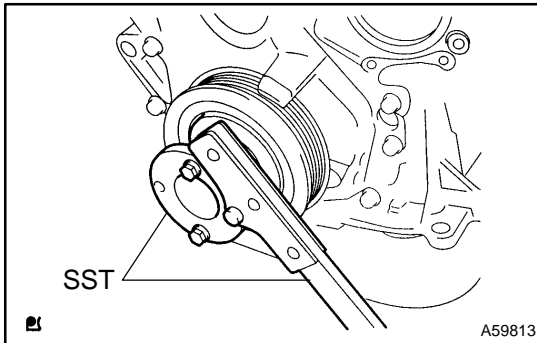


ENGINE REAR OIL SEAL (2ZZ-GE)

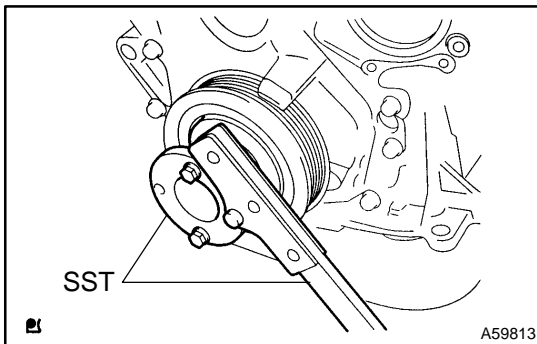
REPLACEMENT

140RH-01

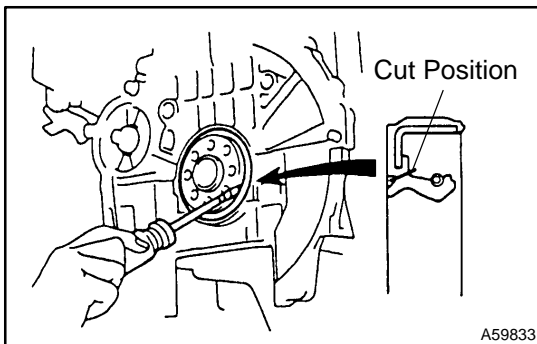
1. SEPARATE MANUAL TRANSAXLE ASSY (M/T TRANSAXLE) (See page 41-17)
2. SEPARATE AUTOMATIC TRANSAXLE ASSY (A/T TRANSAXLE) (See page 40-25)
3. REMOVE CLUTCH COVER ASSY (M/T TRANSAXLE) (See page 42-18)
4. REMOVE CLUTCH DISC ASSY (M/T TRANSAXLE) (See page 42-18)



5. REMOVE FLYWHEEL SUB-ASSY (M/T TRANSAXLE)
 - (a) Fix the crankshaft with SST, then remove the 8 bolts and flywheel.
SST 09213-70011 (09213-70020), 09330-00021

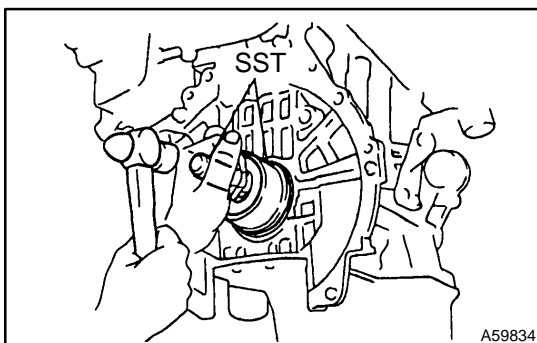


6. REMOVE DRIVE PLATE & RING GEAR SUB-ASSY (A/T TRANSAXLE)
 - (a) Fix the crankshaft with SST, then remove the 8 bolts and drive plate & ring gear.
SST 09213-70011 (09213-70020), 09330-00021



7. REMOVE ENGINE REAR OIL SEAL
 - (a) Using a knife, cut off the oil seal lip.
 - (b) Using a screwdriver with taping its tip, pry out the oil seal.

NOTICE:
After the removal, check if the crankshaft is not damaged.
If there is, mend it with a sandpaper (#400).

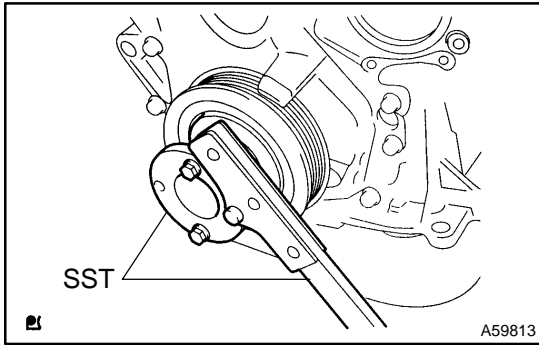


8. INSTALL ENGINE REAR OIL SEAL
 - (a) Apply MP grease to a new oil seal lip.

NOTICE:
Keep the lip off foreign materials.

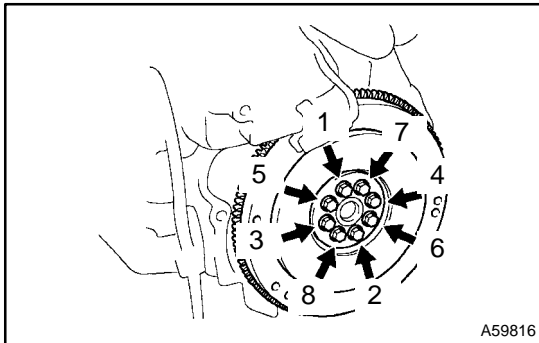
 - (b) Using SST and a hammer, tap in the oil seal until its surface is flush with the rear oil seal retainer edge.
SST 09223-15030, 09950-70010 (09951-07100)

NOTICE:
Wipe off extra grease on the crank shaft.

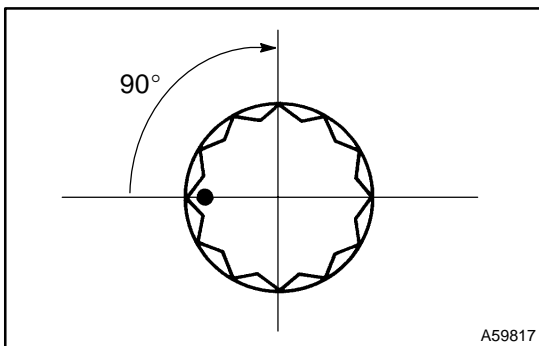


9. INSTALL FLYWHEEL SUB-ASSY (M/T TRANSAXLE)

- (a) Fix the crankshaft with SST.
SST 09213-70011 (09213-70020), 09330-00021



- (b) Clean the bolt and the bolt hole.
(c) Apply Adhesive to the bolts.
Adhesive:
Part No. 09330-00070, THREE BOND or equivalent.
(d) Install and uniformly tighten the 8 bolts, in several passes, in the sequence shown.
Torque: 49 N·m (500 kgf·cm, 36 ft·lbf)



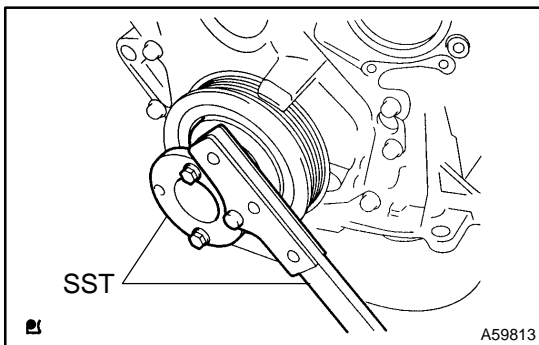
- (e) Mark the bolt with paint.
(f) Retighten the bolts by an additional 90°.
(g) Check that the point marked bolts are moved at 90° angle.

10. INSTALL CLUTCH DISC ASSY (M/T TRANSAXLE) (See page 42-18)

SST 09301-00210

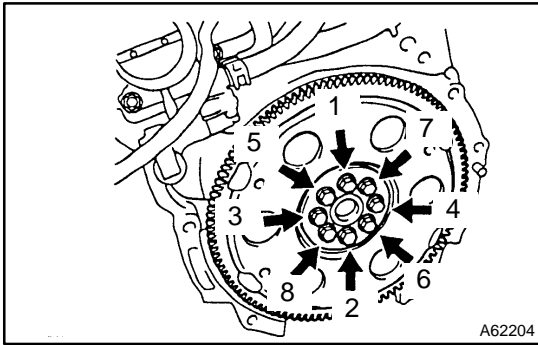
11. INSTALL CLUTCH COVER ASSY (M/T TRANSAXLE) (See page 42-18)

SST 09301-00210



12. INSTALL DRIVE PLATE & RING GEAR SUB-ASSY (A/T TRANSAXLE)

- (a) Fix the crankshaft with SST.
SST 09213-70011 (09213-70020), 09330-00021



(b) Clean the bolt and bolt hole.

(c) Apply adhesive to the bolts.

Adhesive:

Part No. 09330-00070, THREE BOND or equivalent.

(d) Install and uniformly tighten the 8 bolts, in several passes, in the sequence shown.

(e) Fix the crankshaft with SST.

Torque: 88 N·m (897 kgf·cm, 65 ft·lbf)

13. **INSTALL MANUAL TRANSAXLE ASSY (M/T TRANSAXLE)** (See page [41-17](#))

14. **INSTALL AUTOMATIC TRANSAXLE ASSY (A/T TRANSAXLE)** (See page [40-25](#))