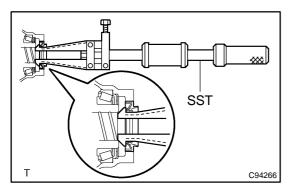
# FRONT DIFFERENTIAL OIL SEAL (MTM) REPLACEMENT

4107P\_0

#### HINT:

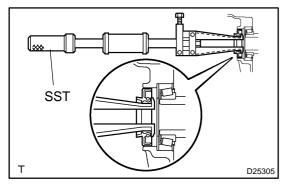
COMPONENTS: See page 41-26 or 41-63

- 1. DRAIN MANUAL TRANSAXLE OIL
- 2. REMOVE FRONT WHEELS
- 3. REMOVE ENGINE UNDER COVER LH
- 4. REMOVE ENGINE UNDER COVER RH
- 5. REMOVE FRONT DRIVE SHAFT ASSY LH (See page 30–15 or 30–32) SST 09520–01010, 09520–24010 (09520–32040)
- 6. REMOVE FRONT DRIVE SHAFT ASSY RH (See page 30–15 or 30–32) SST 09520–01010, 09520–24010 (09520–32040)



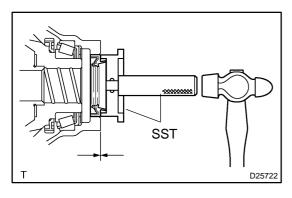
#### 7. REMOVE FRONT TRANSAXLE CASE OIL SEAL

(a) Using SST, remove the oil seal. SST 09308-00010



## 8. REMOVE TRANSMISSION CASE OIL SEAL

(a) Using SST, remove the oil seal. SST 09308–00010



#### 9. INSTALL FRONT TRANSAXLE CASE OIL SEAL

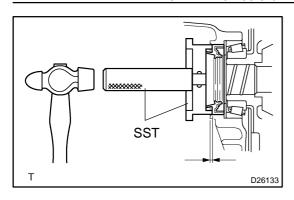
- (a) Coat a new oil seal lip with MP grease.
- (b) Using SST and a hammer, install the oil seal. SST 09554–14010, 09950–70010 (09951–07200) Drive in depth: 1.9  $\pm$  0.3 mm (0.075  $\pm$  0.012 in.)

# NOTICE:

Be careful not to damage the oil seal lip.

2003 COROLLA MATRIX (RM940U)

Author: Date: 2070



#### 10. INSTALL TRANSMISSION CASE OIL SEAL

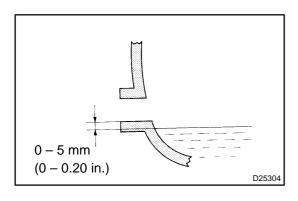
- (a) Coat a new oil seal lip with MP grease.
- (b) Using SST and a hammer, install the oil seal. SST 09554–14010, 09950–70010 (09951–07200) Drive in depth: 9.9  $\pm$  0.3 mm (0.390  $\pm$  0.012 in.)

### **NOTICE:**

Be careful not to damage the oil seal lip.

- 11. INSTALL FRONT DRIVE SHAFT ASSY LH (See page 30–15 or 30–32)
- 12. INSTALL FRONT DRIVE SHAFT ASSY RH (See page 30-15 or 30-32)
- 13. INSTALL FRONT WHEELS

Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)



#### 14. ADD MANUAL TRANSAXLE OIL

Oil grade: API GL-4 or GL-5 Viscosity: SAE 75 W-90

Capacity:

C59 T/M: 1.9 liters (2.0 US qts, 1.7 lmp. qts) C60 T/M: 2.3 liters (2.4 US qts, 2.0 lmp. qts) Torque: 39.2 N·m (400 kgf·cm, 29 ft·lbf)

- 15. INSPECT AND ADJUST MANUAL TRANSAXLE OIL (See page 41-2)
- 16. CHECK ABS SPEED SENSOR SIGNAL (See page 05-316)