

TROUBLESHOOTING

Problem	Possible cause	Remedy	Page
Hard to shift or will not shift	Splines on input shaft dirty or burred Transfer faulty	Repair as necessary Disassemble and inspect transfer	TF-4 TF-4
Transfer jumps out of gear	Transfer faulty	Disassemble and inspect transfer	TF-4

ON-VEHICLE REPAIR

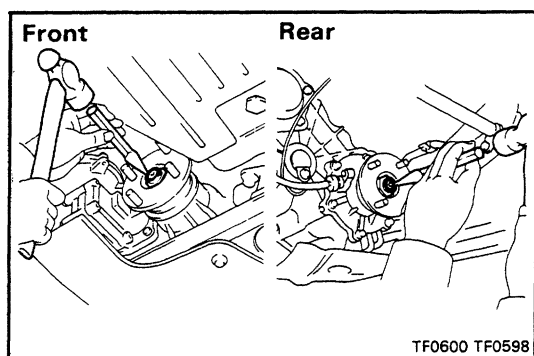
ON-VEHICLE REPLACEMENT OF FRONT AND REAR OIL SEALS

1. DRAIN GEAR OIL FROM TRANSFER
2. REMOVE FRONT AND REAR PROPELLER SHAFTS

(See page [PR-3](#))

3. REMOVE COMPANION FLANGE

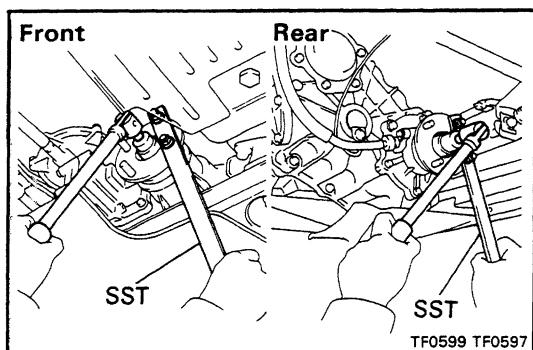
- (a) Using a hammer and chisel, loosen the staked part of the nut.

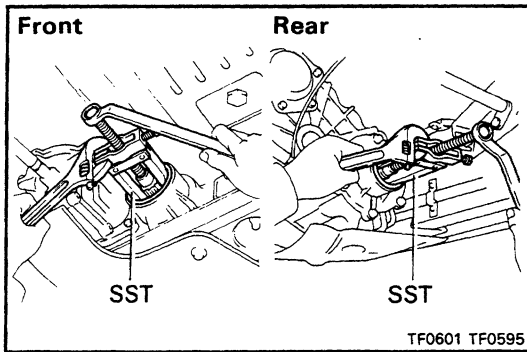


- (b) Using SST to hold the companion flange, remove the companion flange lock nut.

SST 09330-00021

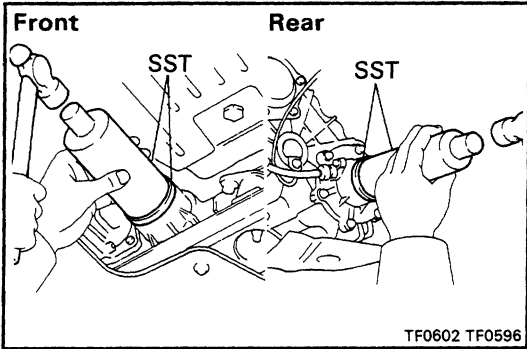
- (c) Remove the plate washer and companion flange.



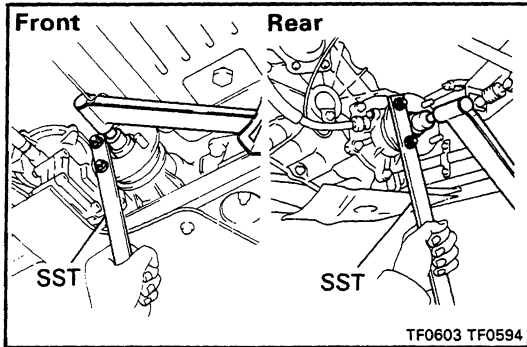


4. REPLACE OIL SEAL

- (a) Using SST, remove the output shaft oil seal.
SST 09308-10010



- (b) Using SST and a hammer, tap in a new oil seal.
SST 09316-60010 (09316-00010, 09316-00060)
(c) Apply MP grease to the oil seal lip.

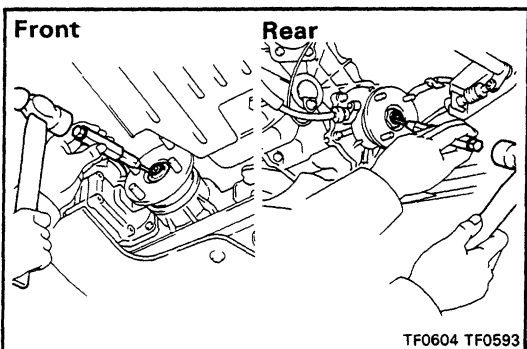


5. INSTALL COMPANION FLANGE

- (a) Install the plate washer, companion flange and a new lock nut.
(b) Using SST to hold the companion flange, torque the nut.

SST 09330-00021

Torque: 1,300 kg-cm (94 ft-lb, 127 N-m)



- (c) Using a punch and hammer, stake the lock nut.

6. INSTALL FRONT AND REAR PROPELLER SHAFTS

(See page [PR-7](#))

Torque: 900 kg-cm (65 ft-lb, 88 N-m)

7. FILL TRANSFER WITH OIL (See page [MA-10](#))

Oil grade: API GL-4 or GL-5

Viscosity: SAE 90

Capacity: 2.1 liters (2.2 US qts, 1.8 Imp. qts)

REMOVAL AND INSTALLATION OF TRANSFER

(See page [AT-26](#))