

PROCEDURE

1.DRAIN TRANSFER OIL

Click hereDrivetrain>HF1A (TRANSFER / 4WD / AWD)>TRANSFER OIL>REPLACEMENT

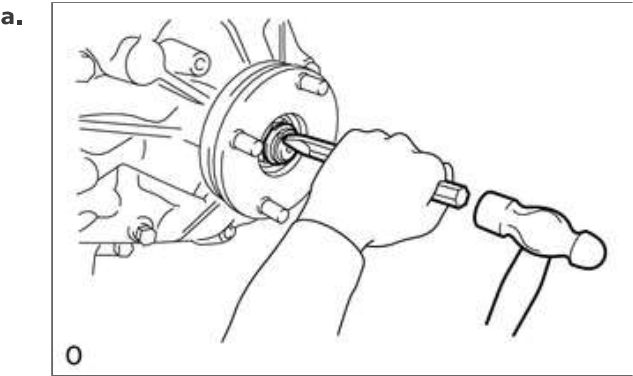
2.REMOVE PROPELLER SHAFT ASSEMBLY

37110

Click hereDrivetrain>DRIVE SHAFT / PROPELLER SHAFT>PROPELLER SHAFT ASSEMBLY>REMOVAL

3.REMOVE TRANSFER OUTPUT SHAFT COMPANION FLANGE SUB-ASSEMBLY

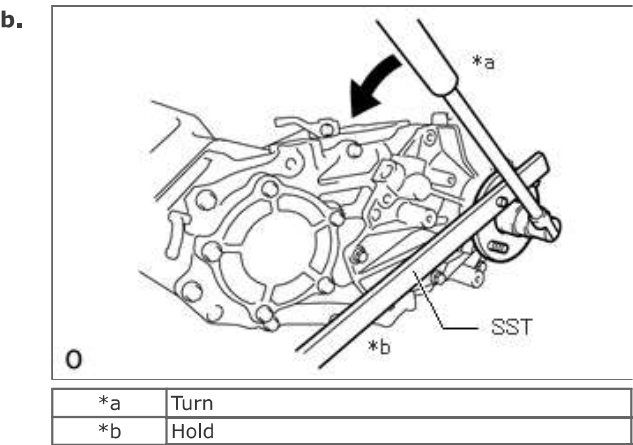
33309



Using a chisel and hammer, loosen the staked part of the lock nut.

NOTICE:

- Completely loosen the staked part of the nut when removing it.
- Do not damage the threads of the output shaft assembly.



Using SST to hold the transfer output shaft companion flange sub-assembly.

SST

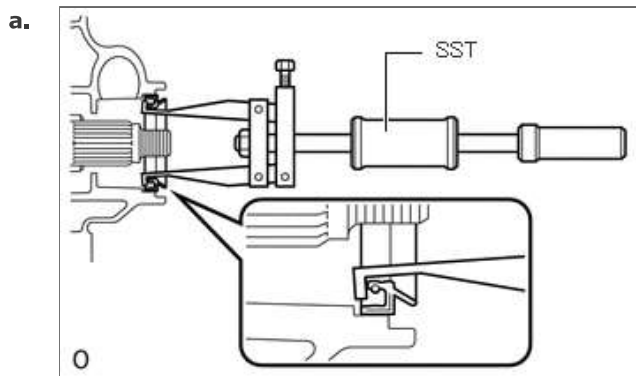
09330-00021

c. Using a 30 mm socket wrench, remove the lock nut.

d. Remove the transfer output shaft companion flange sub-assembly.

NOTICE:

Do not drop the transfer speedometer drive gear.



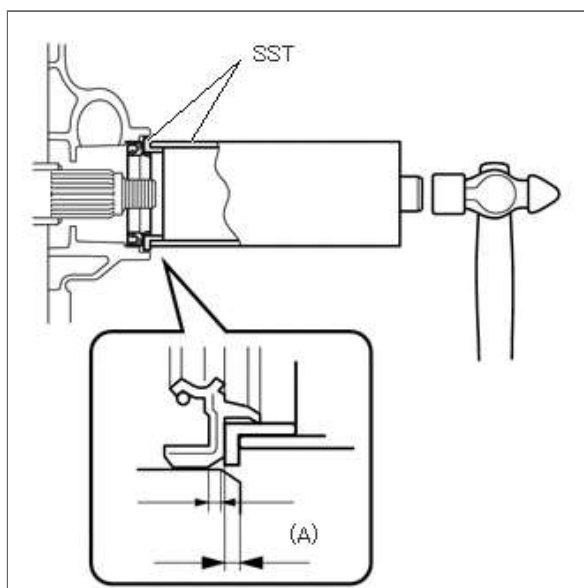
Using SST, remove the oil seal (rear transfer extension housing sub-assembly).

SST

09308-00010

NOTICE:

Do not damage the oil seal and extension housing contact surface.



- a. Apply MP grease to the lip of a new oil seal (rear transfer extension housing sub-assembly).
- b. Using SST and a hammer, install the oil seal (rear transfer extension housing sub-assembly) as shown in the illustration.

SST

09502-12010

09513-36040

Drive in depth (A):

0 to 0.5 mm (0 to 0.0196 in.)

NOTICE:

- Install the oil seal (rear transfer extension housing sub-assembly) so that its outer edge is positioned past the chamfered part of the rear transfer extension housing sub-assembly.
- Do not to damage the oil seal (rear transfer extension housing sub-assembly).

- a. Install the transfer output shaft companion flange sub-assembly with transfer speedometer drive gear.

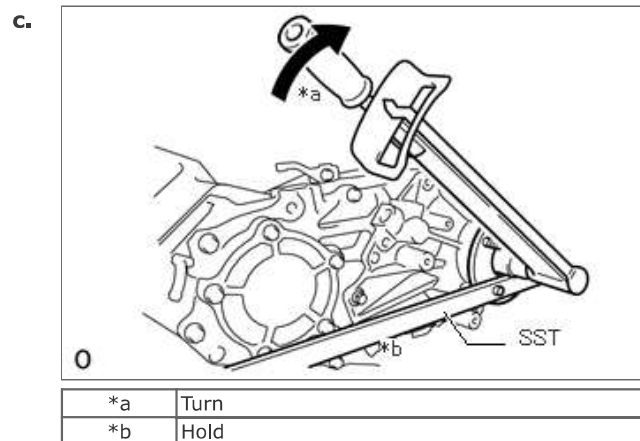
NOTICE:

Do not drop the transfer speedometer drive gear.

- b. Install a new O-ring.

NOTICE:

Do not damage the O-ring.



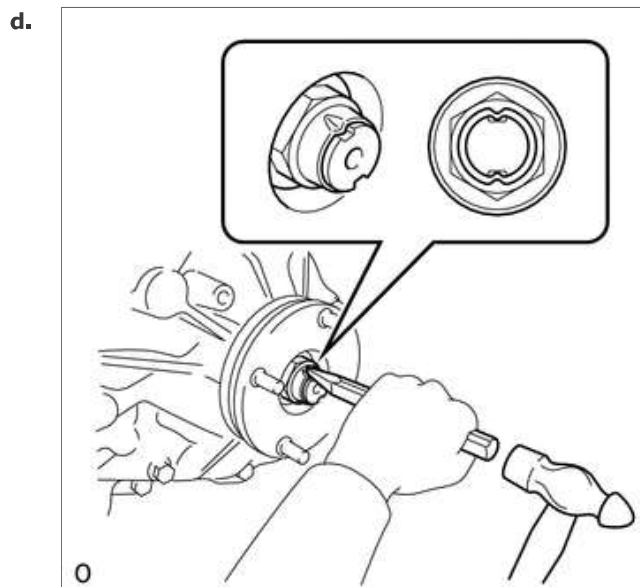
Using SST to hold the transfer output shaft companion flange sub-assembly, install a new lock nut.

SST

09330-00021

Torque:

127.4 N*m (1299 kgf*cm, 94 ft.*lbf)



Using a chisel and hammer, stake the lock nut in 2 locations.

NOTICE:

- Securely stake the shaft to the lock nut groove.
- Be careful not to damage the parts around the lock nut.
- Do not apply excessive force to the shaft.



7.INSTALL PROPELLER SHAFT ASSEMBLY

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8.ADD TRANSFER OIL

[Click here](#)Drivetrain>HF1A (TRANSFER / 4WD / AWD)>TRANSFER OIL>REPLACEMENT



9. CHECK FOR TRANSFER OIL LEAK