AXLE AND DIFFERENTIAL REAR DIFFERENTIAL CARRIER OIL SEAL REPLACEMENT

PROCEDURE

■ 1.REMOVE PROPELLER SHAFT ASSEMBLY

37110

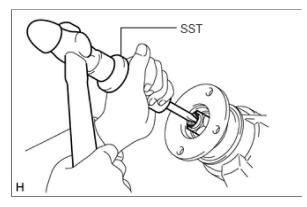
Exit

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

2.REMOVE REAR DRIVE PINION COMPANION FLANGE NUT

41204G

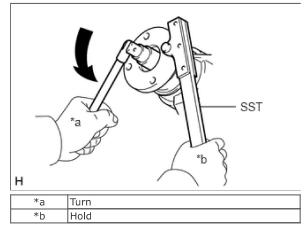




Using SST and a hammer, loosen the staked part of the rear drive pinion companion flange nut.

09930-00010 (09931-00010, 09931-00020)





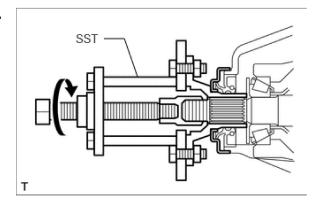
Using SST, hold the rear drive pinion companion flange sub-assembly in place, remove the rear drive pinion companion flange nut.

SST

09330-00021 (09330-00030)

3.REMOVE REAR DRIVE PINION COMPANION FLANGE SUB-ASSEMBLY WITH DUST DEFLECTOR

41204



Using SST, remove the rear drive pinion companion flange sub-assembly with dust deflector.

09950-30012 (09951-03010, 09953-03010, 09954-03010, 09955-03030, 09956-03040)

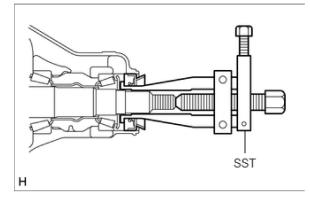
NOTICE:

Before using SST (center bolt), apply hypoid gear oil to its threads and tip.

4.REMOVE REAR DIFFERENTIAL CARRIER OIL SEAL

41201C

a.



Using SST, remove the rear differential carrier oil seal.

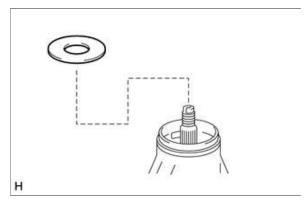
SST

09308-10010

■ 5.REMOVE REAR DIFFERENTIAL DRIVE PINION OIL SLINGER

41214

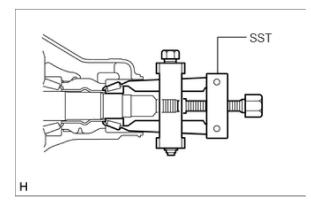
a.



Remove the rear differential drive pinion oil slinger from the differential drive pinion.

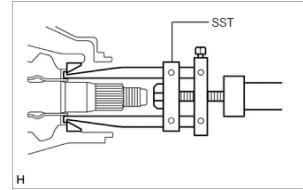
6.REMOVE REAR DRIVE PINION FRONT TAPERED ROLLER BEARING

41201B



Using SST, remove the rear drive pinion front tapered roller bearing (inner race). SST 09556-22010

b.

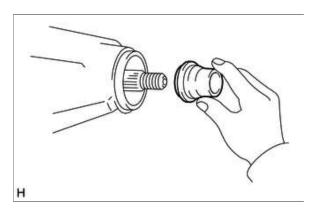


Using SST, tap out the rear drive pinion front tapered roller bearing (outer race). SST 09308-00010

■ 7.REMOVE REAR DIFFERENTIAL DRIVE PINION BEARING SPACER

41231

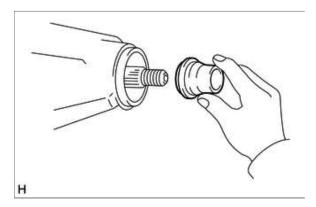
a.



Remove the rear differential drive pinion bearing spacer from the differential drive pinion.

8.INSTALL REAR DIFFERENTIAL DRIVE PINION BEARING SPACER

41231



Install a new rear differential drive pinion bearing spacer.

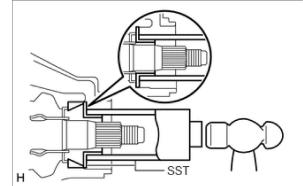
HINT:

Make sure the spacer is installed correctly.

9.INSTALL REAR DRIVE PINION FRONT TAPERED ROLLER BEARING

41201B

a.



Using SST and a hammer, tap in the rear drive pinion front tapered roller bearing (outer race).

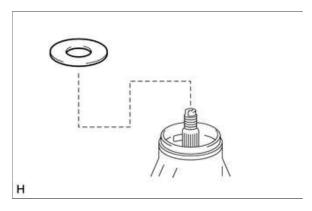
09316-60011 (09316-00011, 09316-00021)

b. Install the rear drive pinion front tapered roller bearing (inner race).

■ 10.INSTALL REAR DIFFERENTIAL DRIVE PINION OIL SLINGER

41214

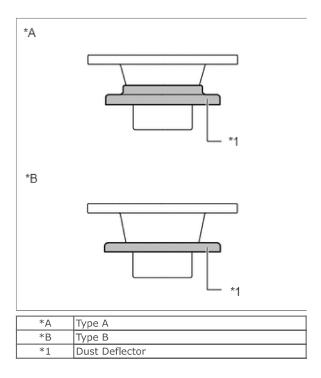
a.



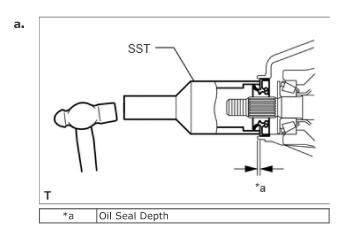
Install the rear differential drive pinion oil slinger to the differential drive pinion.

11.INSTALL REAR DIFFERENTIAL CARRIER OIL SEAL

41201C



The tap-in depth for the rear differential carrier oil seal differs between type A and type B, based on the shape of the dust deflector portion of the rear drive pinion companion flange sub-assembly rear.



Using SST and a hammer, tap in a new rear differential carrier oil seal.

SST

09214-76011

Standard oil seal depth:

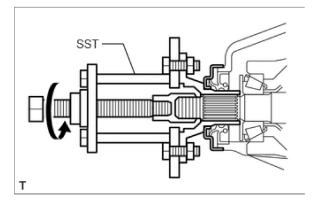
Type A:

0.05 to 0.95 mm (0.00197 to 0.0374 in.)

Type B:

1.55 to 2.45 mm (0.0611 to 0.0964 in.)

- **b.** Apply MP grease to the lip of the rear differential carrier oil seal.
- 12.INSTALL REAR DRIVE PINION COMPANION FLANGE SUB-ASSEMBLY WITH DUST DEFLECTOR



Using SST, install the rear drive pinion companion flange sub-assembly with dust deflector.

09950-30012 (09951-03010, 09953-03010, 09954-03010, 09955-03030, 09956-03040)

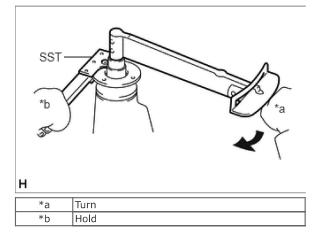
NOTICE:

Before using SST (center bolt), apply hypoid gear oil to its threads and tip.

■ 13.INSPECT DIFFERENTIAL DRIVE PINION PRELOAD

a. Apply hypoid gear oil LSD to the drive pinion threads and nut seat face.





Using SST, hold the rear drive pinion companion flange sub-assembly in place, and install a new rear drive pinion companion flange nut.

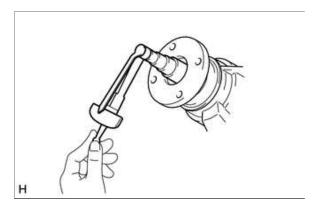
SST

09330-00021 (09330-00030)

Torque:

441 N*m (4497 kgf*cm, 325 ft.*lbf) or less





Using a torque wrench, measure the preload.

Standard Preload (Starting Torque):

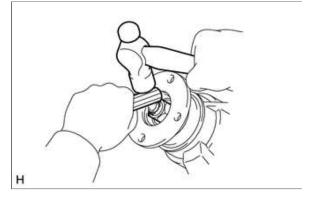
standard ricioda (Starting rorque)		
	Item	Specified Condition
	New bearing	1.04 to 1.69 N*m (11 to 17 kgf*cm, 10 to 14 in.*lbf)
	Reused bearing	0.85 to 1.37 N*m (9 to 13 kgf*cm, 8 to 12 in.*lbf)

If the result is not as specified, adjust the preload.

14,STAKE REAR DRIVE PINION COMPANION FLANGE NUT

41204G





Using a chisel and hammer, stake the rear drive pinion companion flange nut.

15.INSTALL PROPELLER SHAFT ASSEMBLY

37110

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

■ 16.ADD DIFFERENTIAL OIL

Click hereDrivetrain>AXLE AND DIFFERENTIAL>DIFFERENTIAL OIL>REPLACEMENT

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