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Model Year Start: 2016	Model: LX570	Prod Date Range: [09/2015 -]
Title: AXLE AND DIFFERENTIAL: FRONT DIFFERENTIAL CARRIER OIL SEAL: REPLACEMENT; 2016 - 2018 MY LX570 [09/2015 -]		

REPLACEMENT

PROCEDURE

1. DRAIN DIFFERENTIAL OIL

INFO

2. REMOVE FRONT DIFFERENTIAL CARRIER ASSEMBLY

- (a) Remove the differential carrier (See page [INFO](#)).

3. REMOVE DIFFERENTIAL EXTENSION FLANGE TUBE

INFO

4. REMOVE FRONT DRIVE PINION COMPANION FLANGE FRONT NUT

INFO

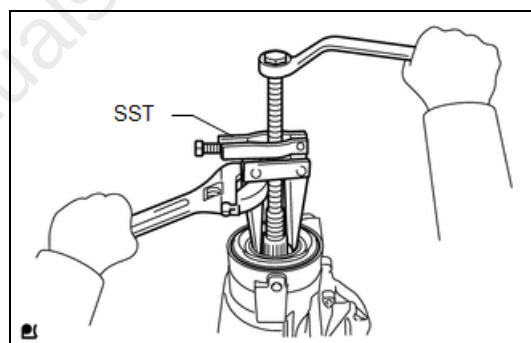
5. REMOVE FRONT DRIVE PINION COMPANION FLANGE FRONT SUB-ASSEMBLY

INFO

6. REMOVE FRONT DIFFERENTIAL CARRIER OIL SEAL

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

SST: 09308-10010



7. REMOVE FRONT DIFFERENTIAL DRIVE PINION OIL SLINGER

8. REMOVE FRONT DIFFERENTIAL CROSS SHAFT BEARING RETAINER

INFO

9. REMOVE FRONT NO. 1 DIFFERENTIAL CASE SUB-ASSEMBLY

INFO

10. REMOVE DIFFERENTIAL DRIVE PINION

INFO

11. REMOVE FRONT DRIVE PINION FRONT RADIAL BALL BEARING

INFO

12. REPLACE FRONT DIFFERENTIAL DRIVE PINION BEARING SPACER

- (a) Replace the bearing spacer with a new one.

13. TEMPORARILY INSTALL DIFFERENTIAL DRIVE PINION

14. INSTALL FRONT NO. 1 DIFFERENTIAL CASE SUB-ASSEMBLY

15. INSTALL FRONT DIFFERENTIAL CROSS SHAFT BEARING RETAINER

INFO

16. INSTALL FRONT DRIVE PINION FRONT RADIAL BALL BEARING

INFO

17. INSTALL FRONT DIFFERENTIAL DRIVE PINION OIL SLINGER

18. INSTALL FRONT DIFFERENTIAL CARRIER OIL SEAL

- (a) Using SST and a hammer, tap in a new oil seal.

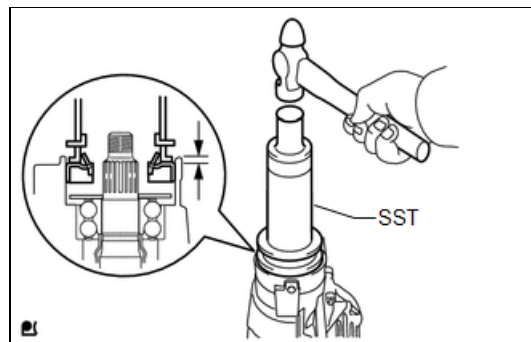
SST: 09502-12010

SST: 09316-60011

09316-00041

Standard oil seal depth:

5.6 to 6.6 mm (0.221 to 0.260 in.)



- (b) Coat the lip of the oil seal with MP grease.

19. INSTALL FRONT DRIVE PINION COMPANION FLANGE SUB-ASSEMBLY

INFO

20. INSPECT DIFFERENTIAL DRIVE PINION PRELOAD

INFO

21. INSPECT TOTAL PRELOAD

INFO

22. STAKE FRONT DRIVE PINION COMPANION FLANGE FRONT NUT

INFO

23. INSTALL DIFFERENTIAL EXTENSION FLANGE TUBE

INFO

24. INSTALL FRONT DIFFERENTIAL CARRIER ASSEMBLY

- (a) Install the front differential carrier (See page [INFO](#)).

25. ADD DIFFERENTIAL OIL

INFO