DIFFERENTIAL SIDE GEAR SHAFT OIL SEAL

29068–01

REPLACEMENT

HINT:

COMPONENTS : See page 29-11

1. FRONT WHEELS

2. REMOVE ENGINE UNDER COVER SUB–ASSY NO.1

3. REMOVE ENGINE UNDER COVER ASSY REAR

4. DRAIN DIFFERENTIAL OIL

5. REMOVE FRONT AXLE HUB GREASE CAP LH (See page 30–30)

6. REMOVE FRONT AXLE HUB GREASE CAP RH

HINT:

Remove the RH side by the same procedures with the LH side.

7. REMOVE FRONT AXLE HUB LH NUT (See page 30–30)

8. REMOVE FRONT AXLE HUB RH NUT

HINT:

Remove the RH side by the same procedures with the LH side.

9. SEPARATE FRONT STABILIZER LINK ASSY LH (See page 26–28)

10. SEPARATE FRONT STABILIZER LINK ASSY RH

HINT:

Remove the RH side by the same procedures with the LH side.

11. SEPARATE TIE ROD END SUB–ASSY LH (See page 51–42)

SST 09628–62011

12. SEPARATE TIE ROD END SUB–ASSY RH

HINT:

Remove the RH side by the same procedures with the LH side.

SST 09628–62011

13. SEPARATE FRONT SUSPENSION ARM SUB–ASSY LOWER NO.1 LH (See page 26–23)

14. SEPARATE FRONT SUSPENSION ARM SUB–ASSY LOWER NO.1 RH

HINT:

Remove the RH side by the same procedures with the LH side.

15. SEPARATE FRONT AXLE ASSY LH (See page 30–30)

16. SEPARATE FRONT AXLE ASSY RH

HINT:

Remove the RH side by the same procedures with the LH side.

17. REMOVE FRONT DRIVE SHAFT ASSY LH (See page 30–21)

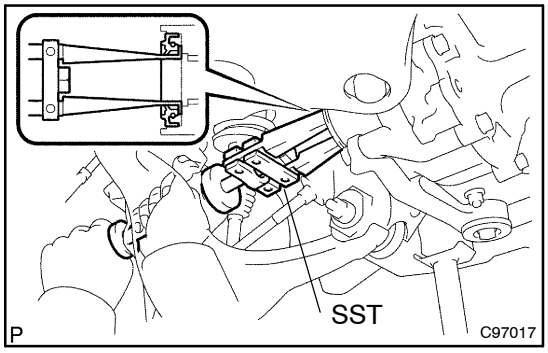
SST 09520–01010, 09520–24010 (09520–32040)

18. REMOVE FRONT DRIVE SHAFT ASSY RH

HINT:

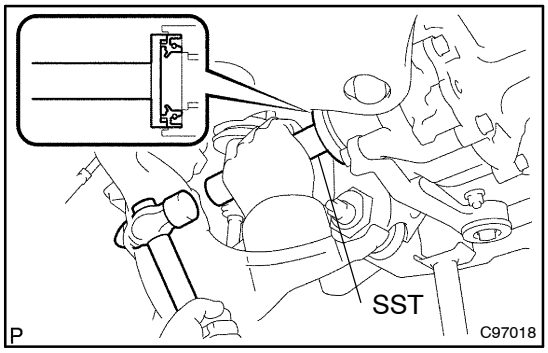
Remove the RH side by the same procedures with the LH side.

SST 09520–01010, 09520–24010 (09520–32040)



19. REMOVE DIFFERENTIAL SIDE GEAR SHAFT OIL SEAL

(a) Using SST, remove the differential side gear shaft oil seal.
SST 09308–10010



20. INSTALL DIFFERENTIAL SIDE GEAR SHAFT OIL SEAL

(a) Using SST, install the differential side gear shaft oil seal.
SST 09550–00032, 09950–70010 (09951–07100)
SST 09554–22010
Oil seal drive in depth:
LH Side: 0 ± 0.3 mm (0 ± 0.012 in.)
RH Side: 5.3 ± 0.5 mm (0.209 ± 0.020 in.)

21. INSTALL FRONT DRIVE SHAFT ASSY LH (See page 30–21)
22. INSTALL FRONT DRIVE SHAFT ASSY RH
HINT:
Install the RH side by the same procedures with the LH side.
23. INSTALL FRONT AXLE ASSY LH (See page 30–37)
24. INSTALL FRONT AXLE ASSY RH
HINT:
Install the RH side by the same procedures with the LH side.
25. INSTALL FRONT SUSPENSION ARM SUB–ASSY LOWER NO.1 LH (See page 26–23)
26. INSTALL FRONT SUSPENSION ARM SUB–ASSY LOWER NO.1 RH
HINT:
Install the RH side by the same procedures with the LH side.
27. INSTALL TIE ROD END SUB–ASSY LH (See page 51–42)
28. INSTALL TIE ROD END SUB–ASSY RH
HINT:
Install the RH side by the same procedures with the LH side.
29. INSTALL FRONT STABILIZER LINK ASSY LH (See page 26–28)
30. INSTALL FRONT STABILIZER LINK ASSY RH
HINT:
Install the RH side by the same procedures with the LH side.
31. INSTALL FRONT AXLE HUB LH NUT (See page 30–30)
32. INSTALL FRONT AXLE HUB RH NUT
HINT:
Install the RH side by the same procedures with the LH side.
33. INSPECT BEARING BACKLASH (See page 30–2)
34. INSPECT AXLE HUB DEVIATION (See page 30–2)

35. INSTALL FRONT AXLE HUB GREASE CAP LH (See page 30–30)
36. INSTALL FRONT AXLE HUB GREASE CAP RH
HINT:
Install the RH side by the same procedures with the LH side.
37. INSTALL SPEED SENSOR FRONT LH (See page 30–30)
38. INSTALL SPEED SENSOR FRONT RH
HINT:
Install the RH side by the same procedures with the LH side.
39. INSPECT AND ADJUST DIFFERENTIAL OIL (See page 29–3)
40. REFILL DIFFERENTIAL OIL (See page 29–3)
41. INSTALL ENGINE UNDER COVER ASSY REAR
Torque: 29 N·m (296 kgf·cm, 21 ft·lbf)
42. INSTALL ENGINE UNDER COVER SUB–ASSY NO.1
Torque: 29 N·m (296 kgf·cm, 21 ft·lbf)
43. INSTALL FRONT WHEELS
Torque: 112 N·m (1,140 kgf·cm, 82 ft·lbf)
44. INSPECT AND ADJUST FRONT WHEEL ALIGNMENT (See page 26–6)
45. CHECK ABS SPEED SENSOR SIGNAL (See page 05–671)