STABILIZER BAR FRONT

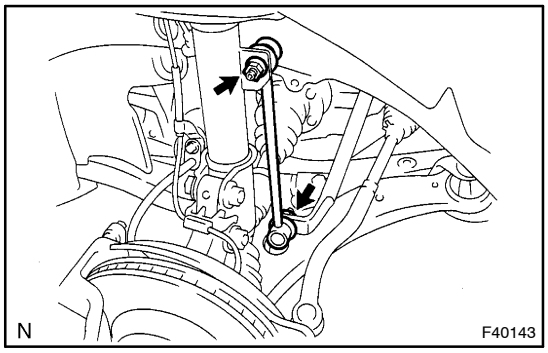
REPLACEMENT

260EF–03

HINT:

- COMPONENTS: See page 26–2.
- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. REMOVE FRONT WHEEL



2. REMOVE FRONT STABILIZER LINK ASSY LH

(a) Remove the 2 nuts and the front stabilizer link assy LH.

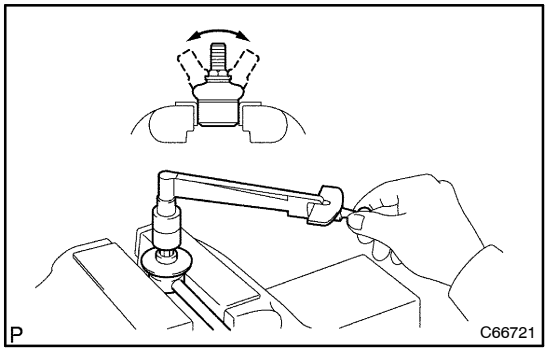
HINT:

Use a hexagon wrench (6 mm) to hold the stud if the ball joint turns together with the nut.

3. REMOVE FRONT STABILIZER LINK ASSY RH

HINT:

Remove the RH side following the same procedures as with the LH side.



4. INSPECT FRONT STABILIZER LINK ASSY LH

(a) As shown in the illustration, flip the ball joint stud back and forth 5 times.

(b) Using a torque wrench and nut, turn the nut continuously at a rate of 2 to 4 seconds per turn and take the torque reading on the 5th turn.

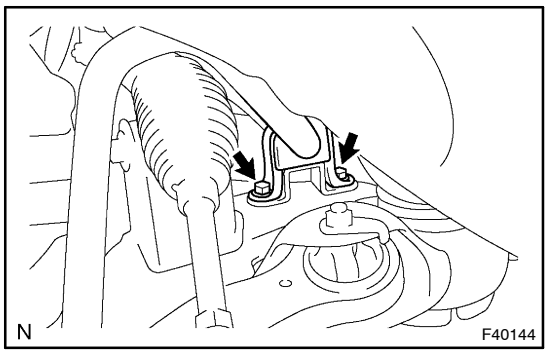
Turning torque:

0.05 to 1.96 N·m (0.5 to 20 kgf·cm, 0.4 to 17.4 in.·lbf)

(c) Check the dust cover for cracks or grease leakage.

If the value is not within the specification, replace the front stabilizer link assy LH with a new one.

5. REMOVE EXHAUST PIPE SUB–ASSY FRONT NO.3 (SEE PAGE 15–2)



6. REMOVE FRONT STABILIZER BRACKET NO.1 LH

(a) Remove the 2 bolts and front stabilizer bracket No.1 LH.

7. REMOVE FRONT STABILIZER BRACKET NO.1 RH

HINT:

Remove the RH side following the same procedures as with the LH side.

8. REMOVE FRONT STABILIZER BRACKET NO.2 LH

(a) Remove the front stabilizer bracket No.2 LH from the stabilizer bar bush.

9. REMOVE FRONT STABILIZER BRACKET NO.2 RH

HINT:

Remove the RH side following the same procedures as with the LH side.

10. SEPARATE TIE ROD END SUB–ASSY LH (SEE PAGE 30–20)

SST 09628–62011

11. SEPARATE TIE ROD END SUB–ASSY RH

SST 09628–62011

HINT:

Separate the RH side following the same procedures as with the LH side.

12. SEPARATE STEERING INTERMEDIATE SHAFT SUB–ASSY (SEE PAGE 51–19)

13. DISCONNECT RETURN TUBE ASSY (SEE PAGE 51–19)

SST 09023–12700

14. DISCONNECT PRESSURE FEED TUBE ASSY (SEE PAGE 51–19)

SST 09023–12700

15. REMOVE POWER STEERING LINK ASSY (SEE PAGE 51–19)

16. REMOVE FRONT STABILIZER BAR BUSH NO.1

(a) Remove the 2 bushes from the stabilizer.

17. REMOVE MANIFOLD STAY (SEE PAGE 15–2)

18. REMOVE EXHAUST MANIFOLD HEAT INSULATOR NO.1 (SEE PAGE 15–2)

19. REMOVE EXHAUST MANIFOLD CONVERTER SUB–ASSY (SEE PAGE 15–2)

20. REMOVE STABILIZER BAR FRONT

(a) Remove the stabilizer bar front from the vehicle.

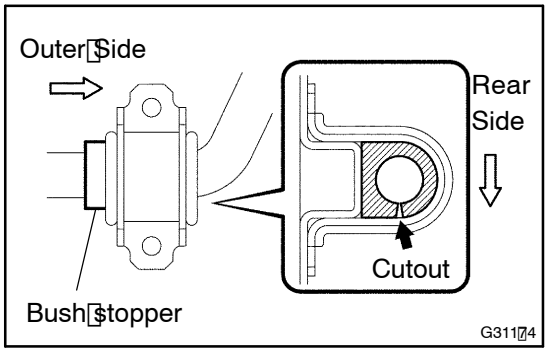
21. INSTALL STABILIZER BAR FRONT

(a) Install the stabilizer bar front from the vehicle.

22. INSTALL EXHAUST MANIFOLD CONVERTER SUB–ASSY (SEE PAGE 15–2)

23. INSTALL EXHAUST MANIFOLD HEAT INSULATOR NO.1 (SEE PAGE 15–2)

24. INSTALL MANIFOLD STAY (SEE PAGE 15–2)



25. INSTALL FRONT STABILIZER BAR BUSH NO.1

(a) Install the bush to the outer side of the bush stopper on the stabilizer bar.

NOTICE:

- **Place the cutout of the stabilizer bush facing the rear side.**

26. INSTALL POWER STEERING LINK ASSY (SEE PAGE 51–19)

27. INSTALL PRESSURE FEED TUBE ASSY (SEE PAGE 51–19)

SST 09023–12700

28. INSTALL RETURN TUBE ASSY

SST 09023–12700

29. CONNECT STEERING INTERMEDIATE SHAFT SUB–ASSY

30. INSTALL TIE ROD END SUB–ASSY LH (SEE PAGE 30–20)

31. INSTALL TIE ROD END SUB–ASSY RH

HINT:

Install the RH side following the same procedures as with the LH side.

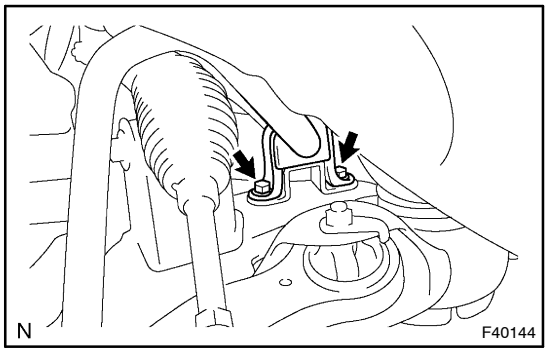
32. INSTALL FRONT STABILIZER BRACKET NO.2 LH

(a) Install the front stabilizer bracket No. 2 to the stabilizer bar bush No.1.

33. INSTALL FRONT STABILIZER BRACKET NO.2 RH

HINT:

Install the RH side following the same procedures as with the LH side.



34. INSTALL FRONT STABILIZER BRACKET NO.1 LH

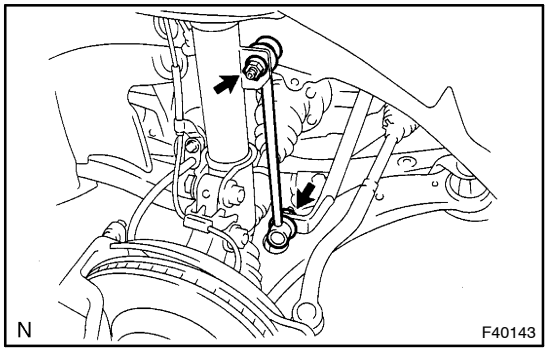
(a) Install the front stabilizer bracket No. 1 LH with the 2 bolts.
Torque: 16 N·m (163 kgf·cm, 12 ft·lbf)

35. INSTALL FRONT STABILIZER BRACKET NO.1 RH

HINT:

Install the RH side following the same procedures as with the LH side.

36. INSTALL EXHAUST PIPE SUB–ASSY FRONT NO.3 (SEE PAGE 15–2)



37. INSTALL FRONT STABILIZER LINK ASSY LH

(a) Install the front stabilizer link assy LH with the 2 nuts.
Torque: 74 N·m (755 kgf·cm, 55 ft·lbf)

HINT:

Use a hexagon wrench (6 mm) to hold the stud if the ball joint turns together with the nut.

38. INSTALL FRONT STABILIZER LINK ASSY RH

HINT:

Install the RH side following the same procedures as with the LH side.

39. INSTALL FRONT WHEEL
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

40. BLEED POWER STEERING FLUID (SEE PAGE 51–3)

41. CHECK POWER STEERING FLUID LEAKAGE

42. INSPECT AND ADJUST STEERING WHEEL CENTER POINT

43. INSPECT AND ADJUST FRONT WHEEL ALIGNMENT (SEE PAGE 26–5)