

- (d) Clean the threads of the 4 bolts and retainer bolt holes with toluene or trichloroethylene.
- (e) Install the actuator assembly onto the differential tube.
- (f) Apply adhesive to 2 to 3 threads of each bolt end.

Adhesive:

Part No. 08833-00070, THREE BOND 1281 or equivalent

- (g) Install the 4 bolts.
Torque: 21 N*m (210 kgf*cm, 15 ft.*lbf)

INSTALLATION**1. INSTALL FRONT DIFFERENTIAL CARRIER ASSEMBLY**

- (a) Connect the actuator hose and connector.
- (b) Install the No. 1 mounting support with the 3 bolts.
Torque: 186 N*m (1,899 kgf*cm, 138 ft.*lbf)
- (c) Install the No. 2 mounting support with the 2 bolts.
Torque: 160 N*m (1,631 kgf*cm, 118 ft.*lbf)
- (d) Install the No. 3 front differential support with the 2 bolts.
Torque: 108 N*m (1,100 kgf*cm, 80 ft.*lbf)
- (e) Support the front differential with a jack.
- (f) Install the 2 front mounting bolts and nuts.
Torque: 137 N*m (1,400 kgf*cm, 101 ft.*lbf)
- (g) Install the No. 1 front differential mount nut.
Torque: 87 N*m (889 kgf*cm, 64 ft.*lbf)
- (h) Install the front differential breather tube bracket with the bolt.
Torque: 13 N*m (129 kgf*cm, 8 ft.*lbf)
- (i) Lower the jack.

2. INSTALL FRONT DRIVE SHAFT ASSEMBLY LH (See page DS-4)**3. INSTALL FRONT DRIVE SHAFT ASSEMBLY RH****HINT:**

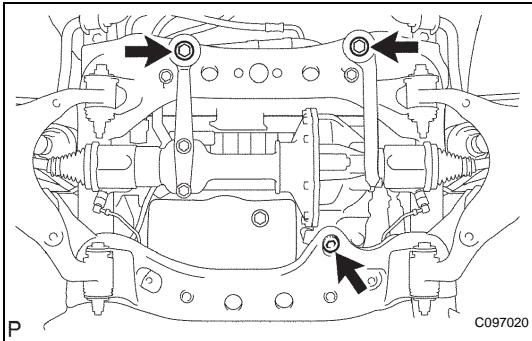
Use the same procedure as for the LH side.

4. INSTALL FRONT SUSPENSION LOWER ARM LH (See page DS-9)**5. INSTALL FRONT SUSPENSION LOWER ARM RH****HINT:**

Use the same procedure as for the LH side.

6. INSTALL TIE ROD END SUB-ASSEMBLY LH (See page PS-68)**7. INSTALL TIE ROD END SUB-ASSEMBLY RH (See page PS-68)****8. INSTALL FRONT SPEED SENSOR LH (See page BC-303)****9. INSTALL FRONT SPEED SENSOR RH****HINT:**

Use the same procedure as for the LH side.



10. **INSTALL FRONT STABILIZER LINK ASSEMBLY LH**
(See page [SP-51](#))
11. **INSTALL FRONT STABILIZER LINK ASSEMBLY RH**
HINT:
Use the same procedure as for the LH side.
12. **INSTALL FRONT AXLE HUB LH NUT** (See page [AH-20](#))
13. **INSTALL FRONT AXLE HUB RH NUT**
HINT:
Use the same procedure as for the LH side.
14. **INSTALL FRONT PROPELLER SHAFT ASSEMBLY**
(See page [PR-19](#))
15. **ADD DIFFERENTIAL OIL** (See page [DF-8](#))
16. **INSPECT DIFFERENTIAL OIL** (See page [DF-8](#))
17. **INSPECT FOR DIFFERENTIAL OIL LEAKAGE**
18. **INSTALL NO. 2 ENGINE UNDER COVER SUB-ASSEMBLY**
 - (a) Install the No. 2 engine under cover sub-assembly with the 4 bolts.
Torque: 30 N*m (306 kgf*cm, 22 ft.*lbf)
19. **INSTALL NO. 1 ENGINE UNDER COVER SUB-ASSEMBLY**
 - (a) Install the No. 1 engine under cover sub-assembly with the 4 bolts.
Torque: 30 N*m (306 kgf*cm, 22 ft.*lbf)
20. **INSTALL FRONT WHEEL**
Torque: 113 N*m (1,152 kgf*cm, 83 ft.*lbf)
21. **INSPECT AND ADJUST FRONT WHEEL ALIGNMENT**
(See page [SP-7](#))
22. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)
23. **CHECK VSC SENSOR SIGNAL (w/ VSC)**
HINT:
(See page [BC-103](#))
24. **CHECK ABS SENSOR SIGNAL (w/o VSC)**
HINT:
(See page [BC-7](#))