CLUTCH – CLUTCH MASTER CYLINDER

REMOVAL

1. DRAIN CLUTCH FLUID
2. DISCONNECT CLUTCH RESERVOIR TUBE
3. DISCONNECT CLUTCH MASTER CYLINDER TO FLEXIBLE HOSE TUBE
   (a) Using SST, disconnect the flexible hose tube.
      SST  09023-00101
4. REMOVE FRONT FLOOR FOOTREST (See page IR-2)
5. REMOVE FRONT DOOR SCUFF PLATE LH (See page IR-15)
6. REMOVE COWL SIDE TRIM BOARD LH (See page IR-15)
7. REMOVE NO. 1 INSTRUMENT PANEL REGISTER ASSEMBLY (See page IP-13)
8. REMOVE LOWER LH INSTRUMENT PANEL FINISH PANEL SUB-ASSEMBLY (See page IP-14)
9. REMOVE INSTRUMENT PANEL LOWER LH (See page IP-14)
10. SEPARATE DRIVER SIDE JUNCTION BLOCK (See page CC-40)
11. REMOVE CLUTCH PEDAL WITH CLUTCH MASTER CYLINDER
    (a) Disconnect the clutch start switch connector.
    (b) Disconnect the clutch switch connector. (w/ Cruise Control)
    (c) Remove the 2 nuts and bolt, then remove the clutch pedal with clutch master cylinder.
12. REMOVE CLUTCH MASTER CYLINDER ASSEMBLY
    (a) Disconnect the clutch reservoir tube.
(b) Using SST, disconnect the 2 way tube from the clutch master cylinder.
   SST 09023-00101

(c) Remove the nut and clutch start switch from the clutch pedal support.

(d) Remove the clip and the pin and separate the push rod clevis from the clutch pedal.

(e) Remove the 2 bolts, then remove the clutch master cylinder.

**INSTALLATION**

1. INSTALL CLUTCH MASTER CYLINDER ASSEMBLY
   (a) Install the clutch master cylinder with the 2 bolts.
      Torque: 12 N\textbf{\textbullet}m (122 kgf\textbullet}cm, 8.9 ft\textbf{\textbullet}lbf)
(b) Apply MP grease to the pin.
(c) Install the push rod clevis with the pin and clip.

(d) Install the clutch start switch with the nut.
   Torque: 16 N\(^*\)m (160 kgf\(\cdot\)cm, 12 ft.\(\cdot\)lbf)

(e) Using SST, connect the clutch master cylinder to 2 way tube.
   SST 09023-00101
   Torque: 15 N\(^*\)m (155 kgf\(\cdot\)cm, 11 ft.\(\cdot\)lbf)

(f) Connect the clutch reservoir tube.

2. INSTALL CLUTCH PEDAL WITH CLUTCH MASTER CYLINDER
   (a) Install the clutch pedal with clutch master cylinder onto the vehicle with the 2 nuts and bolt.
   Torque: 14 N\(^*\)m (145 kgf\(\cdot\)cm, 10 ft.\(\cdot\)lbf) for nut
   18 N\(^*\)m (184 kgf\(\cdot\)cm, 13 ft.\(\cdot\)lbf) for bolt
   (b) Connect the clutch switch connector. (w/ Cruise Control)
   (c) Connect the clutch start switch connector.

3. INSTALL DRIVER SIDE JUNCTION BLOCK (See page CC-41)
4. INSTALL INSTRUMENT PANEL LOWER LH (See page IP-29)
5. INSTALL LOWER LH INSTRUMENT PANEL FINISH PANEL SUB-ASSEMBLY (See page IP-29)
6. INSTALL NO. 1 INSTRUMENT PANEL REGISTER ASSEMBLY (See page IP-30)
7. INSTALL COWL SIDE TRIM BOARD LH (See page IR-45)
8. INSTALL FRONT DOOR SCUFF PLATE LH (See page IR-45)

9. INSTALL FRONT FLOOR FOOTREST (See page IR-2)

10. CONNECT CLUTCH MASTER CYLINDER TO FLEXIBLE HOSE TUBE
   (a) Using SST, connect the flexible hose tube.
   SST 09023-00101
   Torque: 15 N*m (155 kgf*cm, 11 ft.*lbf)

11. CONNECT CLUTCH RESERVOIR TUBE

12. BLEED CLUTCH PIPE LINE

13. INSPECT AND ADJUST CLUTCH PEDAL SUB-ASSEMBLY (See page CL-3)

14. CHECK FOR CLUTCH FLUID LEAKAGE

15. CHECK FLUID LEVEL IN RESERVOIR