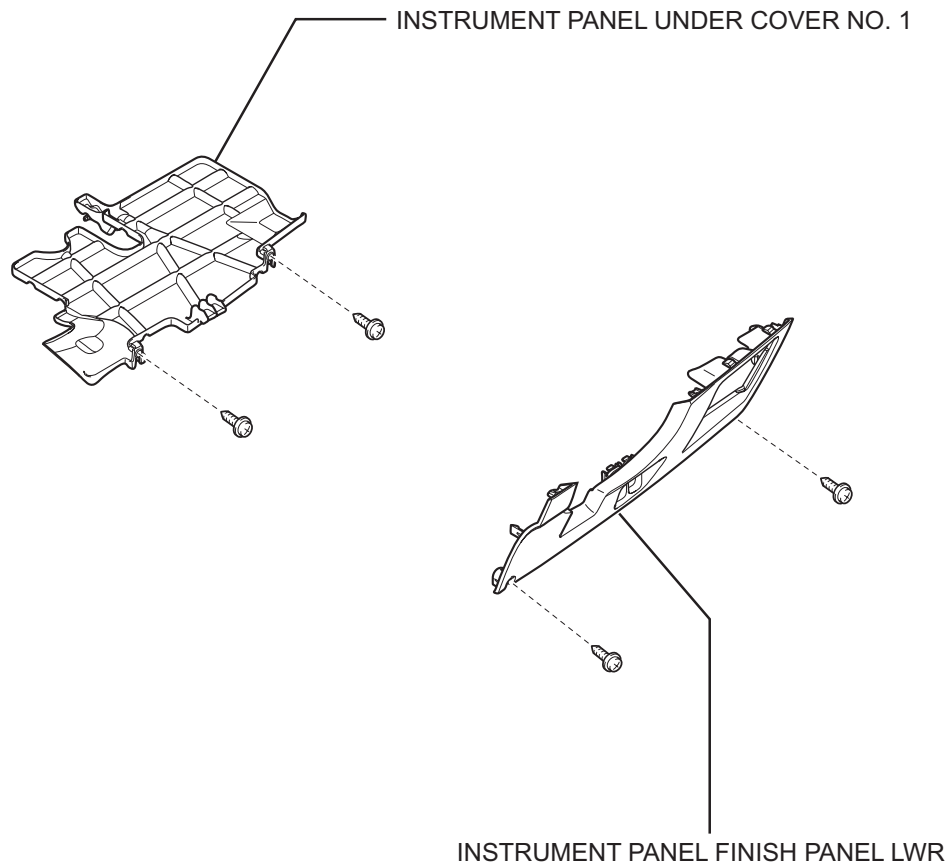
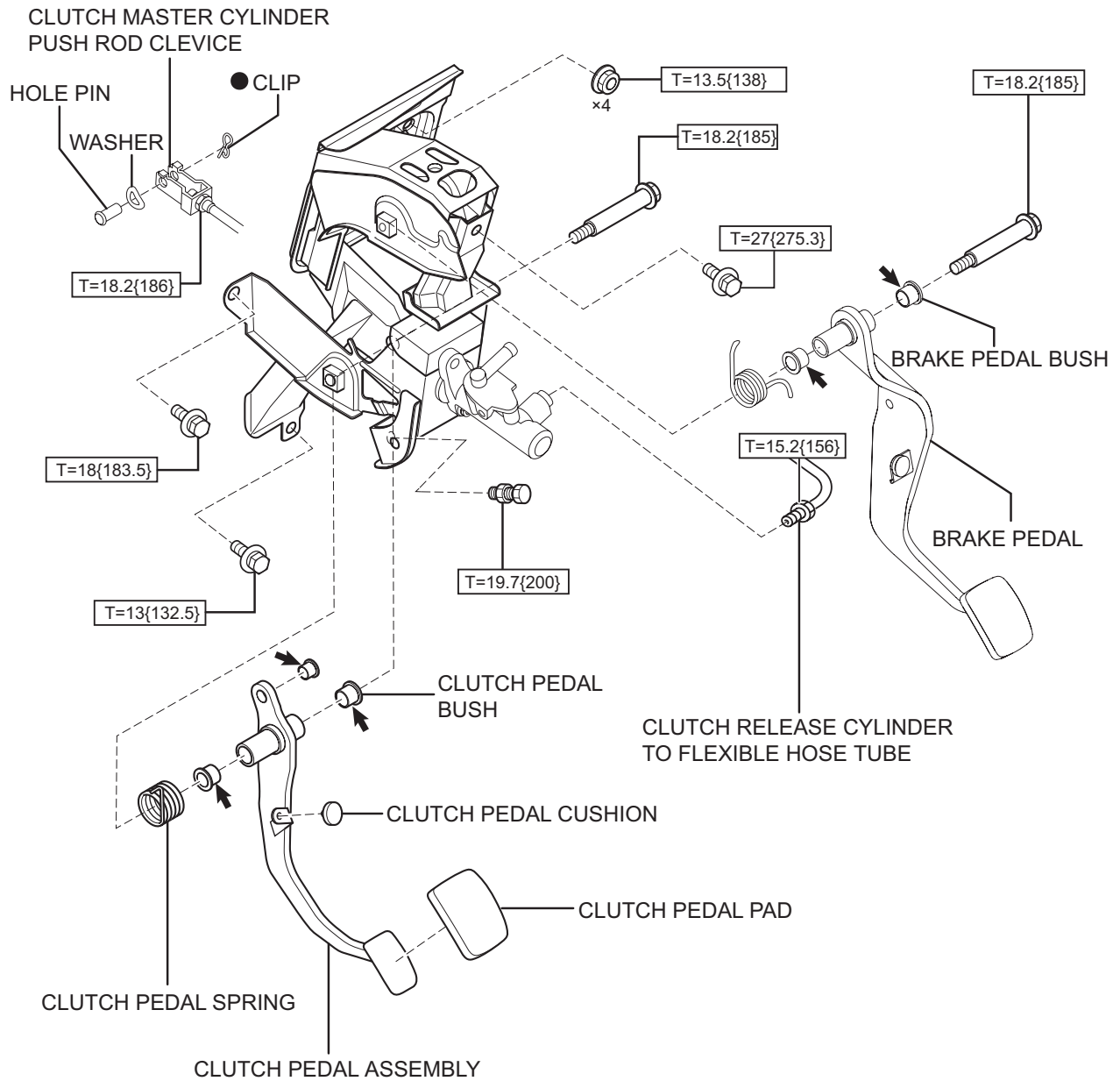


CLUTCH PEDAL (MTM)

COMPONENTS

**CL**



● NON-REUSEABLE PART

□ TIGHTENING TORQUE [N*m{kgf*cm}] ← APPLY MP GREASE

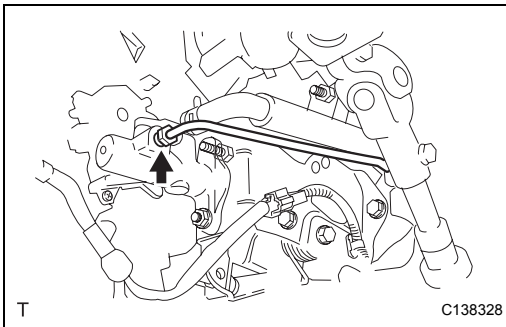
REMOVAL

1. **DISCONNECT NEGATIVE BATTERY TERMINAL**
2. **REMOVE INSTRUMENT PANEL FINISH PANEL LWR** (See page IP-11)
3. **REMOVE INSTRUMENT PANEL UNDER COVER NO. 1** (See page IP-11)
4. **DRAIN BRAKE FLUID**
5. **DISCONNECT CLUTCH HOSE NO. 1**
6. **DISCONNECT CLUTCH RELEASE CYLINDER TO FLEXIBLE HOSE TUBE**
SST 09023-00100

(a) Using SST, disconnect the flexible brake hose tube.

7. **REMOVE BRAKE PEDAL**

(a) Remove the brake pedal shaft and the brake pedal.



8. **REMOVE CLUTCH PEDAL ASSEMBLY WITH BRACKET**

(a) Remove the 3 bolts, 4 nuts and the clutch pedal assembly with bracket.

9. **DISCONNECT CLUTCH MASTER CYLINDER PUSH ROD CLEVIS**

(a) Remove the clip, hole pin, and washer, and disconnect the clutch master cylinder push rod clevis from the clutch pedal assembly.

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10. **REMOVE CLUTCH PEDAL ASSEMBLY**

(a) Remove the pedal shaft and the clutch pedal from the clutch pedal support.

11. **REMOVE CLUTCH PEDAL SPRING**

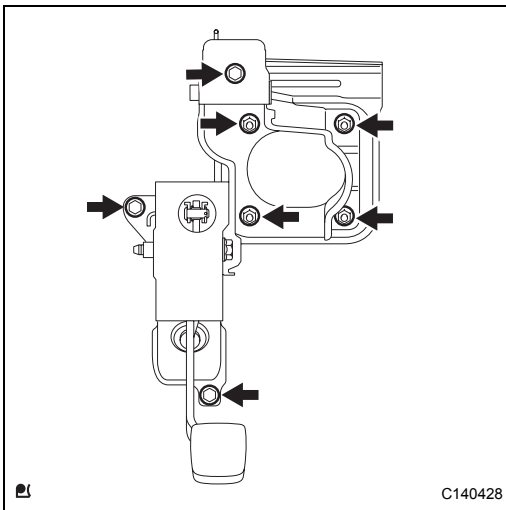
(a) Remove the clutch pedal spring from the clutch pedal.

12. **REMOVE CLUTCH PEDAL BUSHING**

(a) Remove the 3 pedal bushes from the clutch pedal.

13. **REMOVE CLUTCH PEDAL PAD**

(a) Remove the clutch pedal pads from the clutch pedal.



INSTALLATION

1. **INSTALL CLUTCH PEDAL BUSHING**

(a) Apply MP grease to the inside/outside of the pedal bush.
(b) Install the 3 pedal bushes to the clutch pedal.

2. **INSTALL CLUTCH PEDAL SPRING**

(a) Apply MP grease to the sliding areas of the spring.
(b) Install the pedal spring.

3. INSTALL CLUTCH PEDAL PAD

- (a) Install the clutch pedal pad to the clutch pedal.

4. INSTALL CLUTCH PEDAL ASSEMBLY

- (a) Install the clutch pedal pad to the clutch pedal.

Torque: 18 N*m (185 kgf*cm)

NOTICE:

Do not allow the grease to get on the threads of the pedal shaft.

5. CONNECT CLUTCH MASTER CYLINDER PUSH ROD CLEVIS

- (a) Apply MP grease to the contact surface of the push rod clevis bush of the hole pin.
- (b) Using the hoe pin, clip, and washer, connect the master cylinder push rod clevis to the clutch pedal.

6. INSTALL CLUTCH PEDAL ASSEMBLY WITH BRACKET

- (a) Install the clutch pedal assembly with bracket using the 3 bolts and 4 nuts.

Torque: 27 N*m (275.3 kgf*cm) Bolt A

18 N*m (183.5 kgf*cm) Bolt B

13 N*m (132.5 kgf*cm) Bolt C

13 N*m (132.5 kgf*cm) Nut

7. CONNECT CLUTCH MASTER CYLINDER TO FLEXIBLE HOSE TUBE

SST 09023-00100

- (a) Using SST, connect the flexible hose tube.

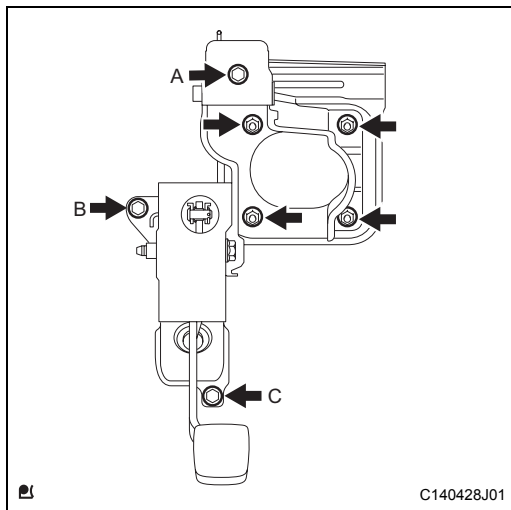
Torque: 15.2 N*m (156 kgf*cm)

8. CONNECT CLUTCH HOSE NO. 1**9. INSTALL INSTRUMENT PANEL UNDER COVER NO. 1**

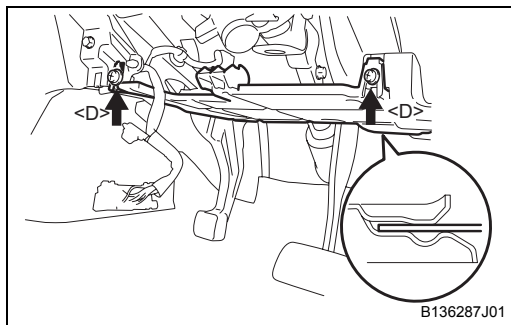
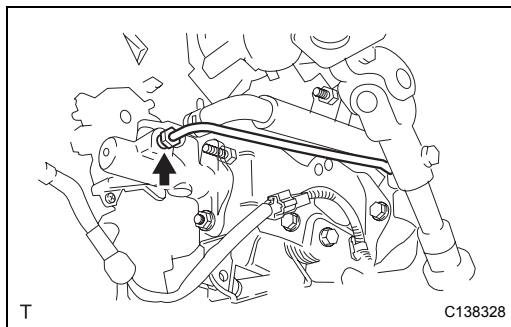
- (a) Engage the 4 innermost claws to install the instrument panel under cover No. 1.
- (b) Install the 2 screws <D>.

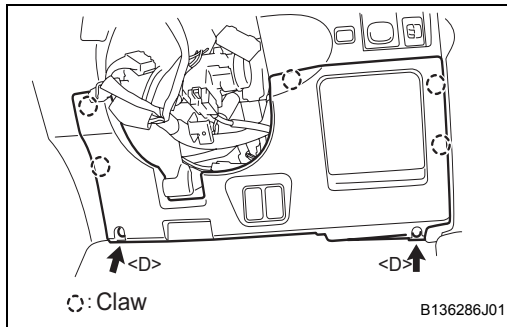
10. INSTALL INSTRUMENT PANEL FINISH PANEL LOWER

- (a) Install the DLC connector and the wire harness clamp to the instrument panel finish panel LWR.



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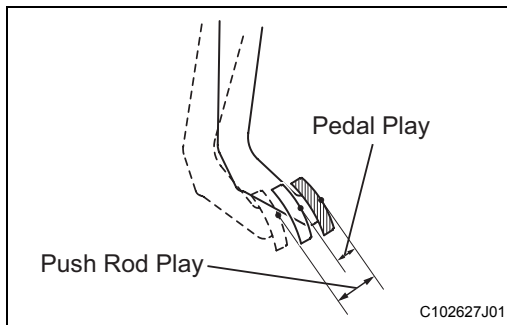


- (b) Engage the 5 claws.
- (c) Install the instrument panel finish panel LWR with the 2 <D> bolts.

11. **CONNECT NEGATIVE BATTERY TERMINAL**
12. **PERFORM INITIALIZATION**
(See page SS-10.)
13. **BLEED AIR FROM BRAKE SYSTEM (WITHOUT VSC)**
14. **BLEED AIR FROM BRAKE SYSTEM (WITH VSC)** (See page BR-7)
15. **CHECK BRAKE FLUID LEAKAGE**

ADJUSTMENT

1. **INSPECT AND ADJUST CLUTCH PEDAL**
 - (a) Pull up the floor carpet.
 - (b) Using vernier calipers, measure the height of the clutch pedal.
Standard:
176.3 ± 4 mm
 - (c) Loosen the clevis lock nut, and turn the push rod to adjust the brake pedal height.
Standard:
T=19.7N*m [200 kgf*cm] (lock nut)
 - (d) Press the pedal gently with your fingers and measure the pedal freeplay.
Standard:
3 to 20 mm (pedal freeplay)
Reference value:
0.5 to 1.4 mm (push rod freeplay)
 - (e) Loosen the lock nut of the master cylinder push rod clevis, and turn the master cylinder push rod to adjust the pedal freeplay.
Torque: 18.2 N*m (187 kgf*cm)
 - (f) After adjusting the pedal freeplay, check the pedal height.
 - (g) Install the floor carpet.



CL

