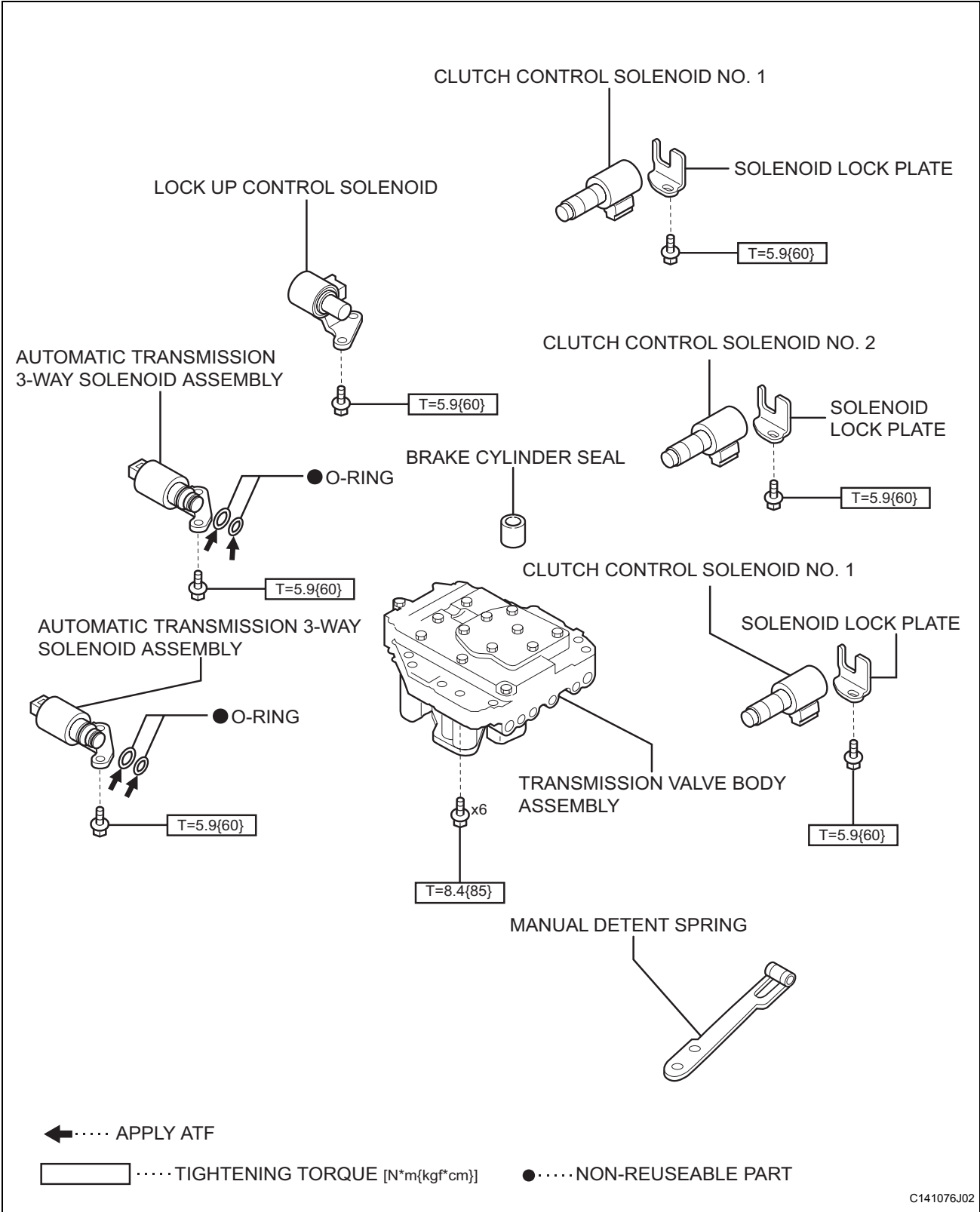


TRANSMISSION VALVE BODY ASSEMBLY

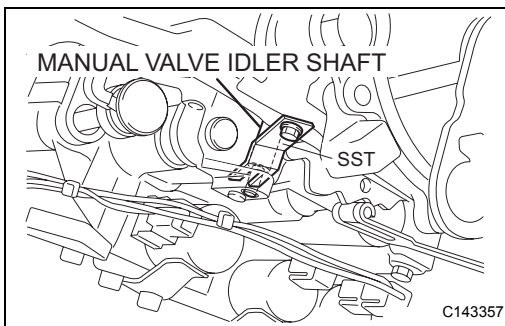
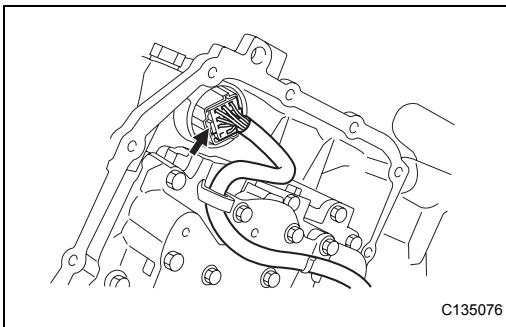
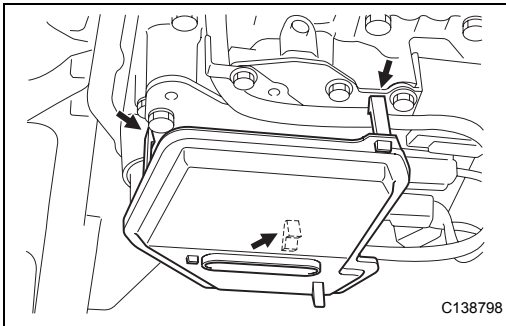
COMPONENTS

AT



REMOVAL

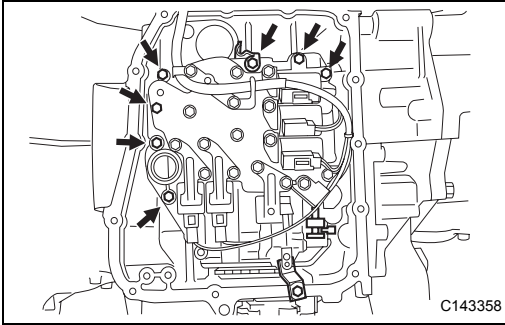
1. **DISCONNECT NEGATIVE BATTERY TERMINAL**
2. **REMOVE ENGINE UNDER COVER RR RH**
3. **REMOVE ENGINE UNDER COVER RR LH**
4. **DRAIN AUTOMATIC TRANSMISSION FLUID**
 - (a) Remove the drain plug and gasket, and drain the automatic transmission fluid.
 - (b) Install the drain plug using a new gasket.
Torque: 24.5 N*m (250 kgf*cm)
5. **REMOVE TRANSAXLE OIL PAN (ATM)**
 - (a) Remove the 14 bolts, and remove the oil pan.
HINT:
After removing the bolts, hold the oil pan by hand, and lightly tap the flange of the oil pan to remove the oil pan.
6. **REMOVE OIL STRAINER**
 - (a) Disengage the 3 claws and remove the oil strainer.
NOTICE:
As the transmission fluid will be discharged, place the tray under it.
7. **REMOVE TRANSMISSION VALVE BODY ASSEMBLY**
 - (a) Remove the manual detent with the 2 bolts.



- (b) Disconnect the solenoid connector and transmission wire.

- (c) Using the SST, hold the manual valve idler shaft.
SST 09350-97201

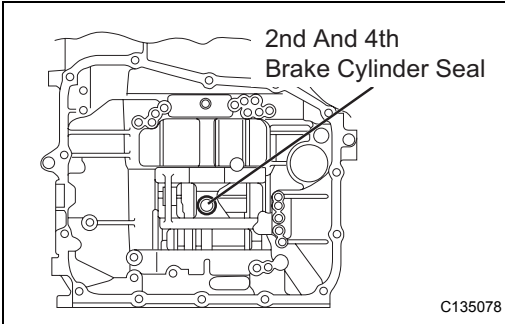
AT



- (d) Evenly loosen the 6 bolts to remove, then remove the transmission valve body assembly.

NOTICE:

When removing the transmission valve body assembly, pay attention not to drop the manual valve.

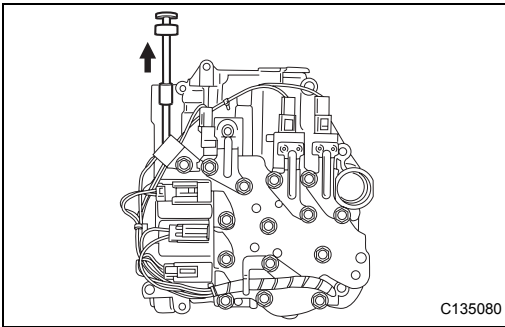


8. REMOVE BRAKE CYLINDER SEAL

- (a) Remove the brake cylinder seal.

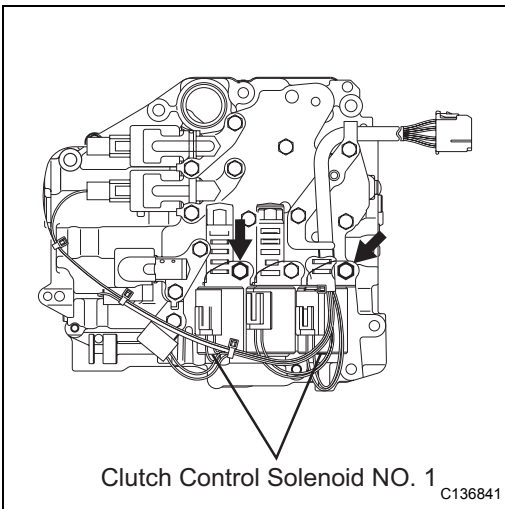
NOTICE:

When removing the valve body, pay attention to the 2nd and 4th brake cylinder seal as they may drop.

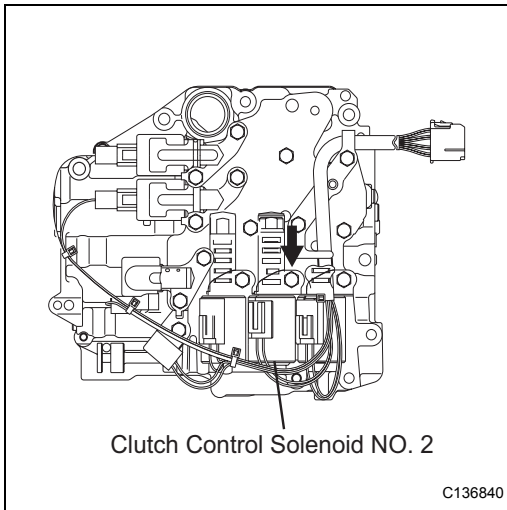


9. REMOVE CLUTCH CONTROL SOLENOID NO. 1

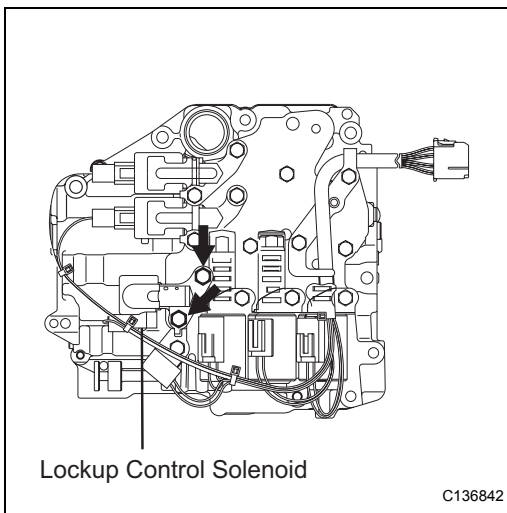
- (a) Gently remove the manual valve from the body assembly.



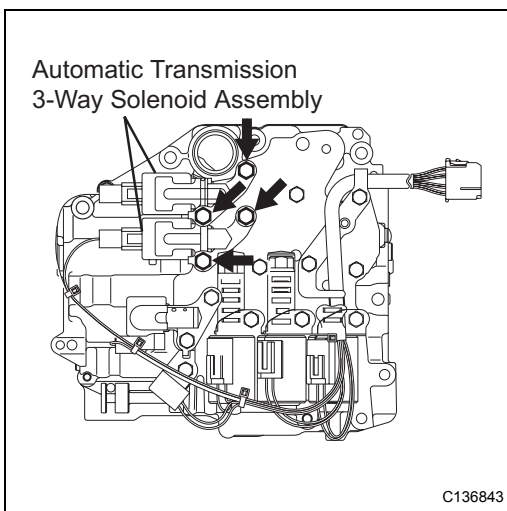
- (b) Remove the 2 bolts and the 2 clutch control solenoids No. 1.

**10. REMOVE CLUTCH CONTROL SOLENOID NO. 2**

- (a) Remove the bolt and clutch control solenoid No. 2.

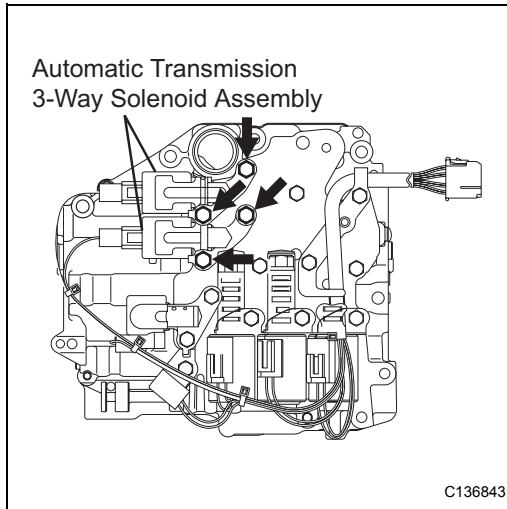
**11. REMOVE LOCK-UP CONTROL SOLENOID**

- (a) Remove the 2 bolts and the lock-up control solenoid.

**12. REMOVE AUTOMATIC TRANSMISSION THREE-WAY SOLENOID ASSEMBLY**

- (a) Remove the 4 bolts and the 2 automatic transmission three-way solenoid assemblies.

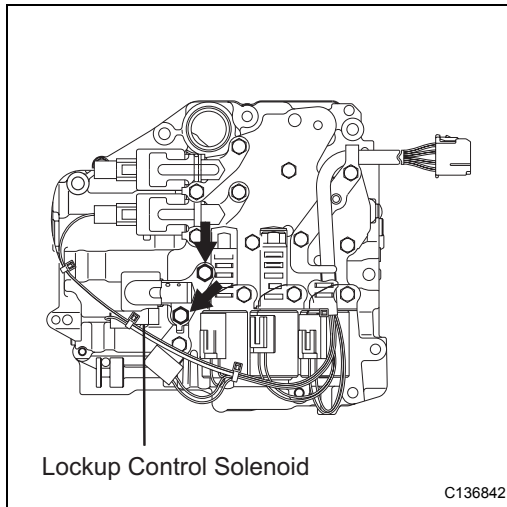
INSTALLATION



1. INSTALL AUTOMATIC TRANSMISSION THREE-WAY SOLENOID ASSEMBLY

- (a) Install the automatic transmission three-way solenoid assembly with the 4 bolts.

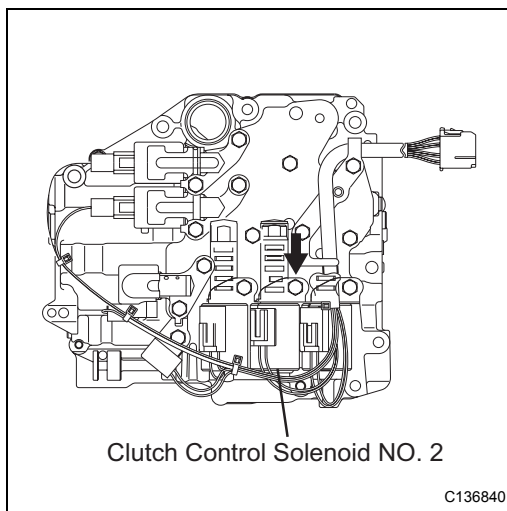
Torque: 5.9 N*m (60.2 kgf*cm)



2. INSTALL LOCK-UP CONTROL SOLENOID

- (a) Install the lock-up control solenoid with the 2 bolts.

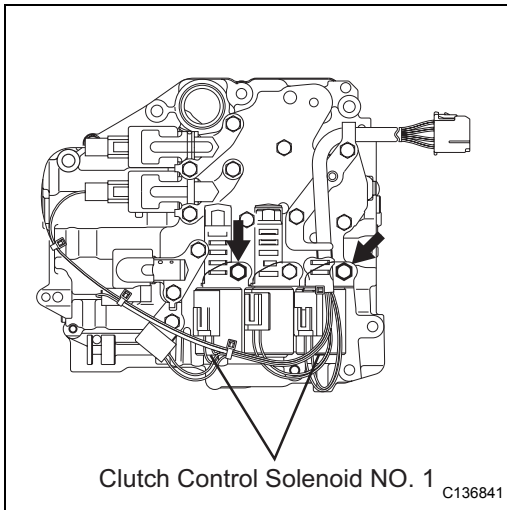
Torque: 5.9 N*m (60.2 kgf*cm)



3. INSTALL CLUTCH CONTROL SOLENOID NO. 2

- (a) Install the clutch control solenoid No. 2 with the bolt and solenoid lock plate.

Torque: 5.9 N*m (60.2 kgf*cm)



4. INSTALL CLUTCH CONTROL SOLENOID NO. 1

- (a) Install the clutch control solenoid No. 1 with the 2 bolts and the solenoid lock plate.

Torque: 5.9 N*m (60.2 kgf*cm)

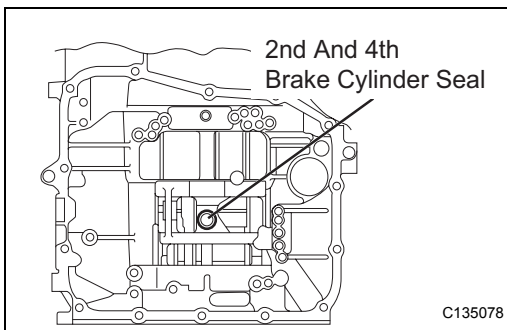
- (b) Coat the manual valve with ATF, then install it to the valve body assembly.

HINT:

After assembling the manual valve, lightly move the manual valve back and forth and check that the valve moves smoothly.

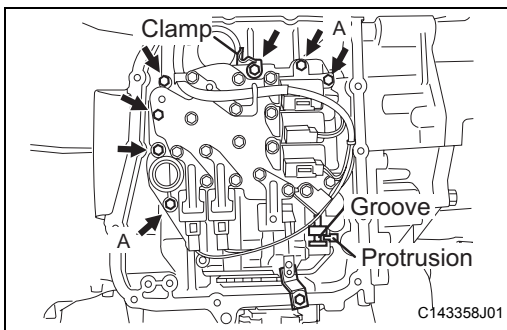
5. INSTALL BRAKE CYLINDER SEAL

- (a) Install a new brake cylinder seal.



6. TEMPORARILY TIGHTEN TRANSMISSION VALVE BODY ASSEMBLY

- (a) Check that the brake cylinder seal is installed on the transmission case.

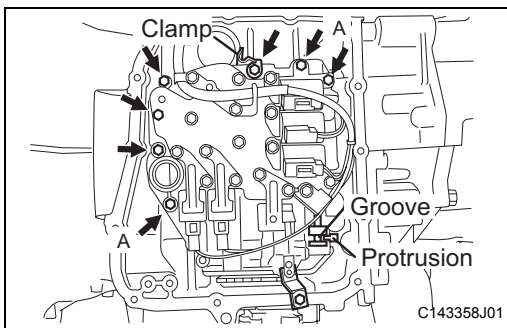


- (b) By aligning the protrusion of the manual valve lever with the groove of the manual valve, install them to the transmission case.

- (c) Temporarily install the valve body assembly with the 6 bolts.

NOTICE:

Clean the bolts with air before installation.



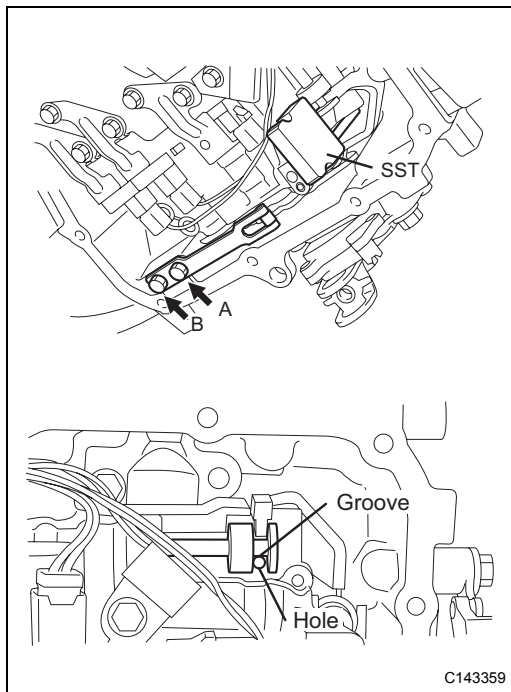
7. FULLY TIGHTEN TRANSMISSION VALVE BODY ASSEMBLY

- (a) Tighten the 2 standard bolts (labeled A) to the specified torque.
- (b) Tighten the remaining bolts to the specified torque.

NOTICE:

- Be sure to install the solenoid wire connector.
- Be sure to install the solenoid wire to the clamp.

AT



- (c) Using SST, align the groove of the manual valve with the hole of the valve body (N position) and install the manual detent spring.

SST 09351-87211

HINT:

First tighten bolt A then bolt B to install the manual detent spring.

8. INSTALL OIL STRAINER

- (a) Coat a new O-ring with ATF, and install it to the oil strainer.

- (b) Install the oil strainer.

9. INSTALL TRANSAXLE OIL PAN (ATM)

- (a) Clean and degrease the fitting surface, then coat the fitting surface with liquid gasket.

NOTICE:

Do not apply too much liquid gasket. (If a large amount of liquid gasket dissolves in the ATF, the ATF will deteriorate.)

- (b) Install the oil pan to the transmission case with the 14 bolts.

Torque: 8.4 N*m (85 kgf*cm)

10. CONNECT NEGATIVE BATTERY TERMINAL

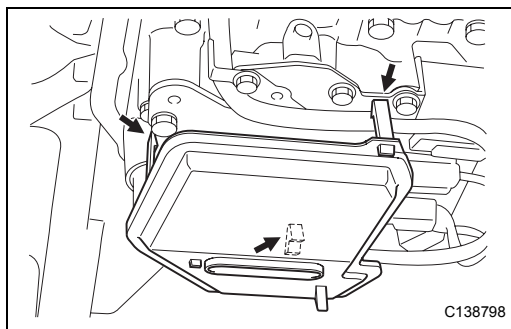
11. ADD AUTOMATIC TRANSMISSION FLUID

12. INSTALL ENGINE UNDER COVER RR RH

13. INSTALL ENGINE UNDER COVER RR LH

14. INITIALIZE AUTOMATIC TRANSMISSION LEARNED VALUE (See page AT-15)

15. PERFORM INITIALIZATION (See page SS-10)



AT

