

## TRANSFER VALVE BODY

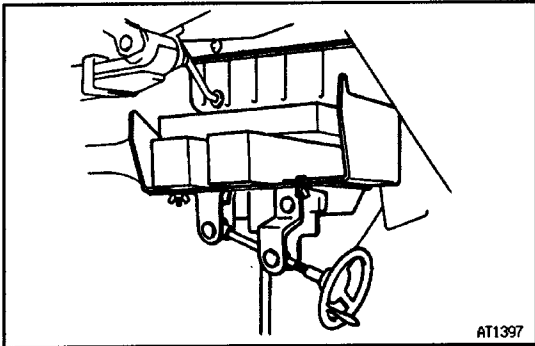
### VALVE BODY AND/OR SOLENOID VALVE

#### 1. CLEAN TRANSFER EXTERIOR

To prevent contamination, clean the exterior of the transfer.

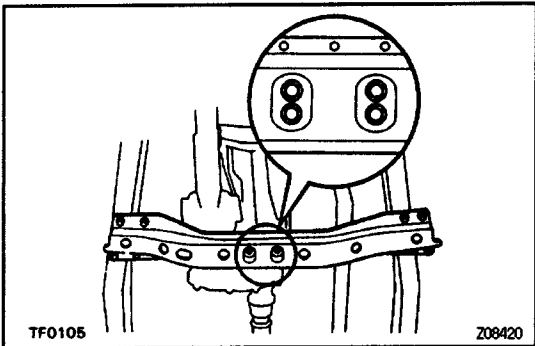
#### 2. DRAIN TRANSFER CASE FLUID

Remove the drain plug and drain fluid into a suitable container.



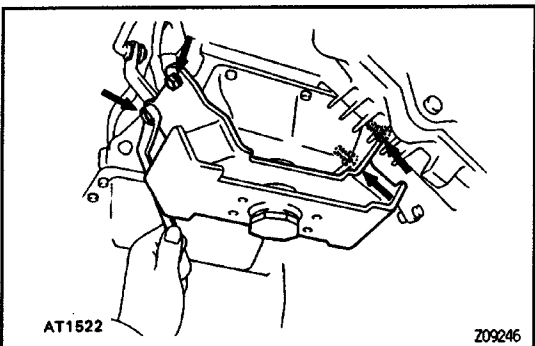
#### 3. SUPPORT TRANSMISSION

Using a transmission jack, support the transmission.



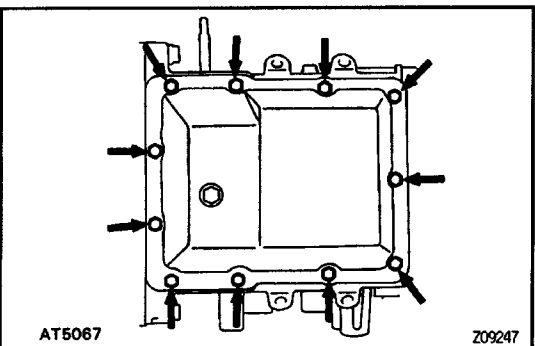
#### 4. REMOVE REAR SUPPORT MEMBER FROM SIDE FRAME

- Remove the 4 bolts from the engine rear mounting.
- Raise the transmission slightly with a jack.
- Remove the 8 bolts from the side frame and remove the rear support member.



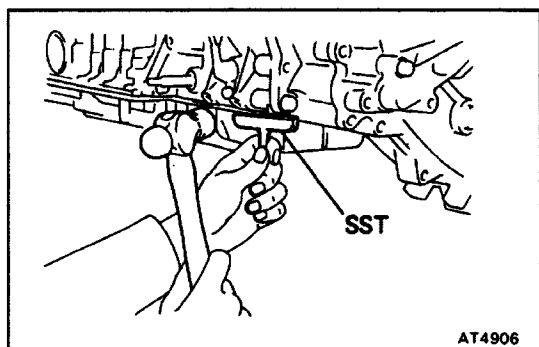
#### 5. REMOVE MEMBER BRACKET FROM TRANSFER

Remove the 4 bolts and member bracket from the transfer.



#### 6. REMOVE TRANSFER OIL PAN

- Remove the 11 bolts.

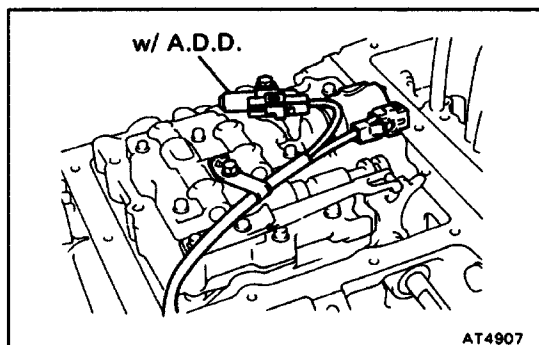


- (b) Install the blade of SST between the transfer case and oil pan, cut off applied sealer.

SST 09032-00100

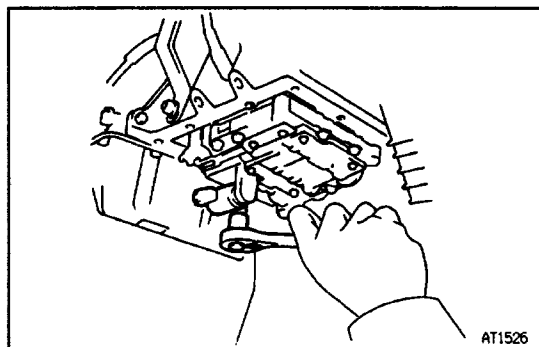
**NOTICE:** Be careful not to damage the oil pan flange.

- (c) Remove the transfer oil pan.



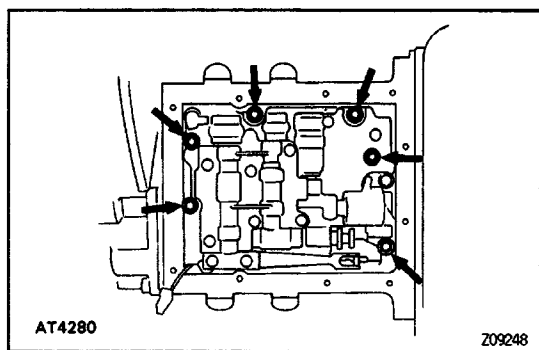
## 7. DISCONNECT SOLENOID CONNECTOR

Disconnect the connectors from No.4 solenoid and transfer pressure switch.



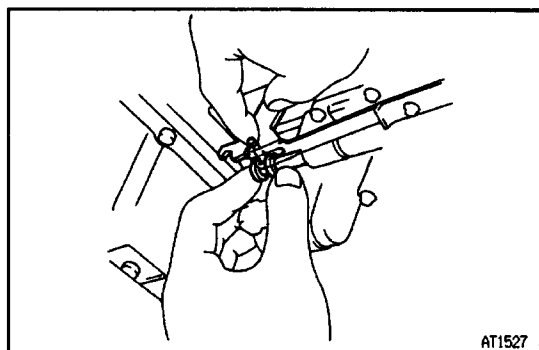
## 8. WHEN REPLACING SOLENOID

- (a) Remove the solenoid mounting bolt.  
(b) Remove the solenoid.



## 9. REMOVE VALVE BODY

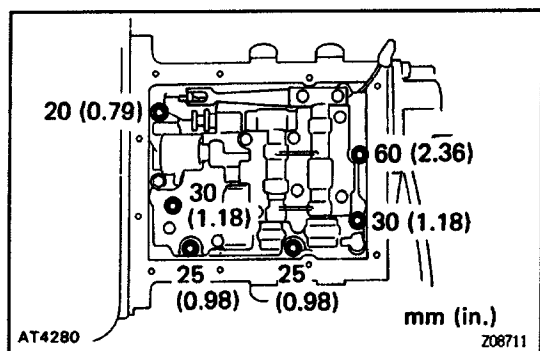
Remove the 6 bolts and valve body.



## VALVE BODY AND/OR SOLENOID VALVE

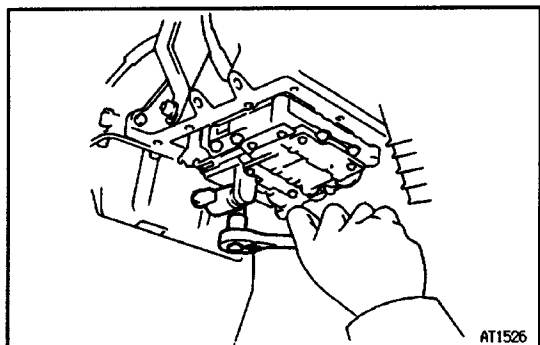
### 1. INSTALL VALVE BODY

- (a) Align the manual valve lever with the manual valve.



(b) Install the bolts, as shown. Torque the bolts evenly.

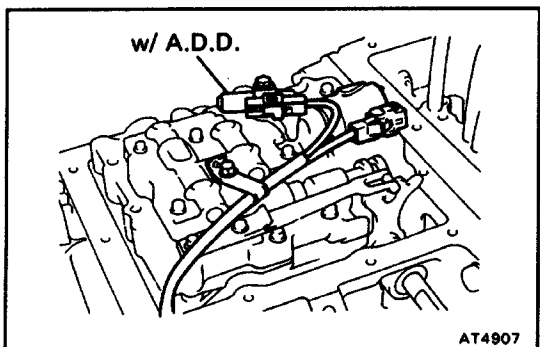
Torque: 10 N-m (100 kgf-cm, 7 ft-lbf)



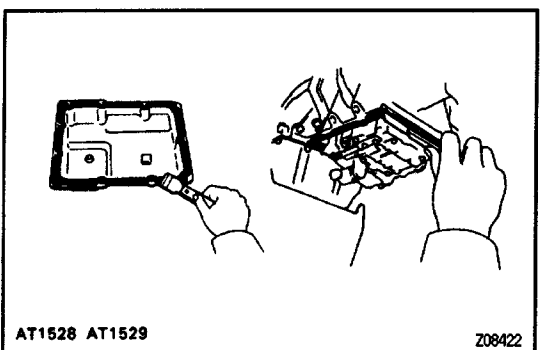
## 2. WHEN REPLACING SOLENOID

Install the solenoid and torque the bolt.

Torque: 10 N-m (100 kgf-cm, 7 ft-lbf)



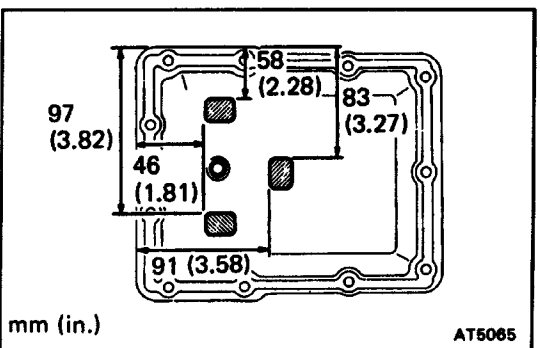
## 3. CONNECT CONNECTOR TO SOLENOID



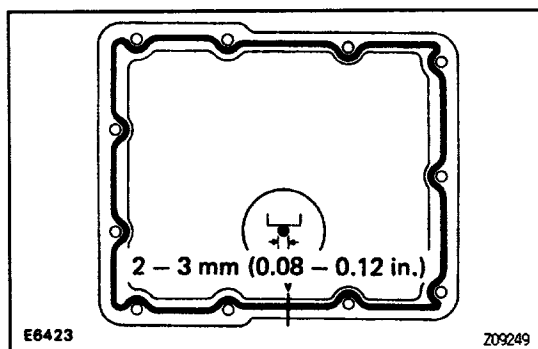
## 4. INSTALL TRANSFER OIL PAN

(a) Remove any packing material and be careful not to drop the oil on the contacting surfaces of the oil pan and transfer case.

(b) Clean contacting surfaces of any residual packing material, using gasoline or alcohol.



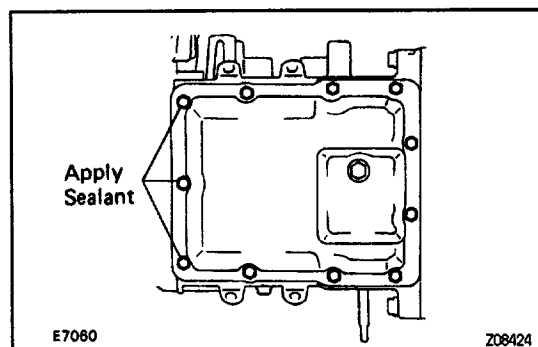
(c) Install the 3 magnets, as shown.



- (d) Apply FIPG to the oil pan, as shown in the illustration.

**FIPG:**

**Part No. 08826-00090, THREE BOND 1281 or equivalent**



- (e) Apply sealant to the threads of the 3 bolts.

**Sealer:**

**Part No. 08833-00070, THREE BOND 1324 or equivalent**

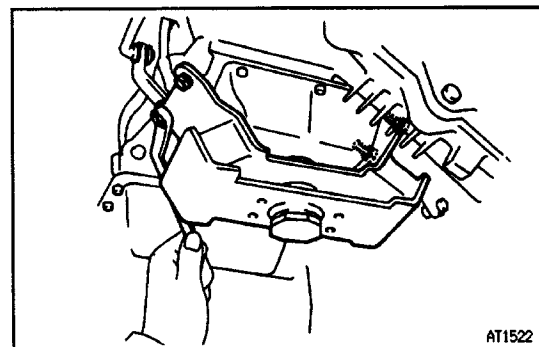
- (f) Install the oil pan and torque the 11 bolts.

**Torque: 7.4 N-m (75 kgf-cm, 65 in.-lbf)**

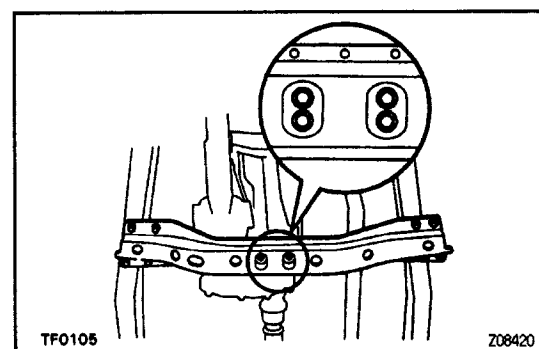
**5. INSTALL DRAIN PLUG**

**Torque: the drain plug.**

**Torque: 20 N-m (205 kgf-cm, 15 ft-lbf)**



**6. INSTALL MEMBER BRACKET TO TRANSFER**



**7. INSTALL REAR SUPPORT MEMBER**

- (a) Raise the transmission slightly with a jack.

- (b) Install the rear support member to the side frame with the bolts. Torque the bolts.

**Torque: 95 N-m (970 kgf-cm, 70 ft-lbf)**

- (c) Lower the transmission and transfer.

- (d) Install the 4 mounting bolts to the engine rear mounting. Torque the bolts.

**Torque: 13 N-m (130 kgf-cm, 9 ft-lbf)**

**8. REMOVE TRANSMISSION JACK**

**9. FILL TRANSMISSION WITH ATF**

(See page [AT2-24](#))

**NOTICE: Do not overfill.**

**Fluid type:**

**ATF DEXRON II**

**10. CHECK FLUID LEVEL**

