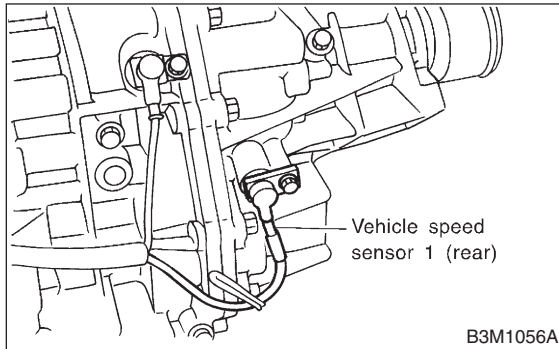


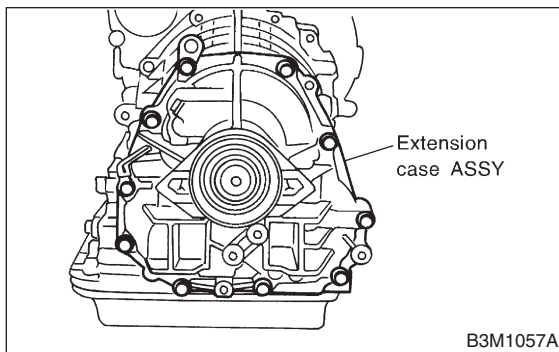
## 8. Extension Case S510587

### A: REMOVAL S510587A18

- 1) Remove vehicle speed sensor 1 (rear).



- 2) Separate transmission case and extension case sections.



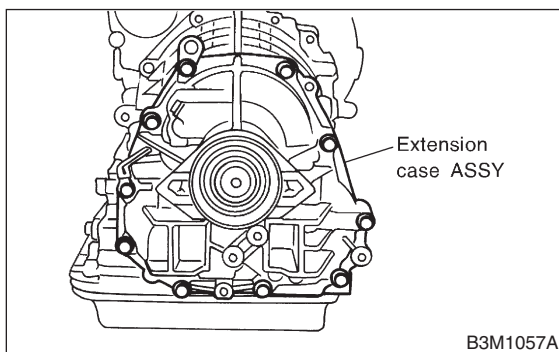
### B: INSTALLATION S510587A11

- 1) Attach the selected thrust needle bearing to the end surface of reduction drive gear with vaseline.

**NOTE:**  
Install thrust needle bearing in the correct direction.

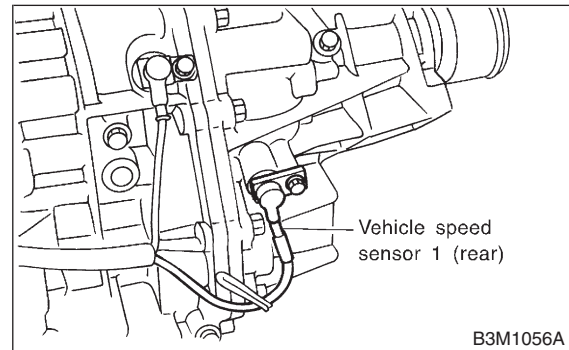
- 2) Install the extension case to the transmission case.
- 3) Tighten bolts to secure the case.

**Tightening torque:**  
**25 N·m (2.5 kgf-m, 18.1 ft-lb)**



- 4) Install the vehicle speed sensor 1 (rear).

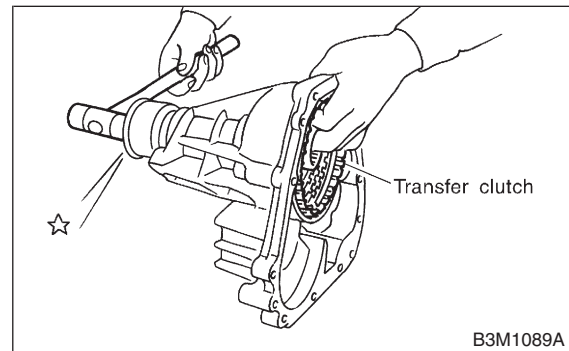
**Tightening torque:**  
**7 N·m (0.7 kgf-m, 5.1 ft-lb)**



### C: DISASSEMBLY S510587A06

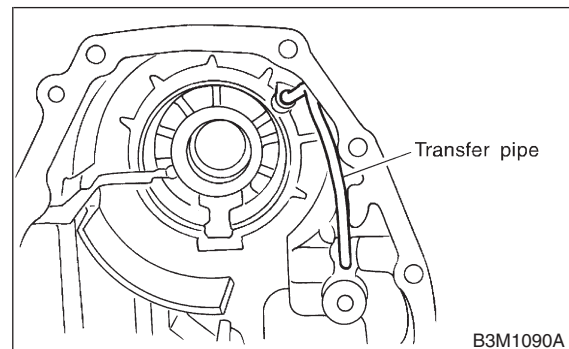
- 1) Take out the transfer clutch by lightly tapping the end of the rear drive shaft.

**CAUTION:**  
**Be careful not to damage the oil seal in the extension.**



- 2) Remove the transfer pipe.

**CAUTION:**  
**Be careful not to bend the pipe.**



- 3) Remove the dust cover from the extension case.
- 4) Remove the oil seal from the extension case.

# EXTENSION CASE

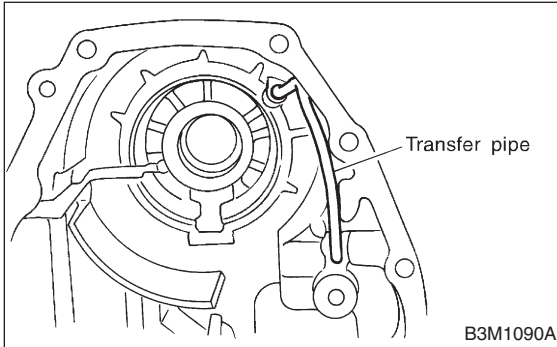
Automatic Transmission

## D: ASSEMBLY SS10587A02

- 1) Using the ST and a press, press in a new oil seal.
- ST 498057300 INSTALLER
- 2) Press in the dust cover.
- 3) Install the transfer pipe to extension case.

### CAUTION:

**Be careful not to bend the pipe.**



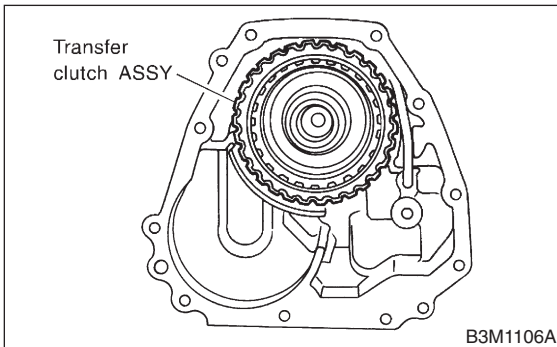
- 4) Install the transfer clutch assembly to the case.

### CAUTION:

**Be careful not to damage the seal rings.**

### NOTE:

Insert the clutch assembly fully into position until the bearing shoulder bottoms.



## E: INSPECTION SS10587A10

- Use forced air to make sure the transfer pipe and extension case routes are not clogged and do not leak.
- Measure the extension end play and adjust it to within specifications. <Ref. to AT-36 ADJUSTMENT, Transfer Clutch.>