

Diagnostic Procedure without Diagnostic Trouble Code (DTC)

CONTINUOUSLY VARIABLE TRANSMISSION (DIAGNOSTICS)

17. Diagnostic Procedure without Diagnostic Trouble Code (DTC)

A: CHECK SHIFT INDICATOR

DIAGNOSIS:

- Output signal circuit of shift indicator is open or shorted.
- Combination meter malfunction

TROUBLE SYMPTOM:

- Shift indicator does not display or remains displayed.
- Shift indicator display does not change.

Step	Check	Yes	No
1 CHECK TCM. Check the DTC relating the TCM using the Subaru Select Monitor.	Is DTC U0155 or U0423 detected?	Perform the self-diagnosis of combination meter.	Go to step 2.
2 CHECK TCM. Check the DTC relating the TCM using the Subaru Select Monitor.	Are DTCs other than U0155 and U0423 detected?	Perform the diagnosis according to DTC.	Go to step 3.
3 CHECK COMBINATION METER. Check the DTC of combination meter.	Is DTC detected?	Perform the diagnosis according to DTC.	Go to step 4.
4 CHECK TCM. 1) Operate the + side of the paddle shift switch. 2) Read the data of «Up Switch» using the Subaru Select Monitor.	Does it change between ON and OFF according to the operation?	Go to step 5.	Check for poor contact between TCM and paddle shift UP switch, and repair the defective part.
5 CHECK TCM. 1) Operate the – side of the paddle shift switch. 2) Read the data of «Down Switch» using the Subaru Select Monitor.	Does it change between ON and OFF according to the operation?	Go to step 6.	Check for poor contact between TCM and paddle shift down switch, and repair the defective part.
6 CHECK TCM. 1) Turn the ignition switch OFF, then turn it ON again. 2) Shift the select lever to manual mode. 3) Read the data of «Tiptronic Mode Switch» using Subaru Select Monitor.	Does it change between ON and OFF according to the operation?	Current condition is normal.	Replace the TCM. <Ref. to CVT(TH58A)-158, Transmission Control Module (TCM).>