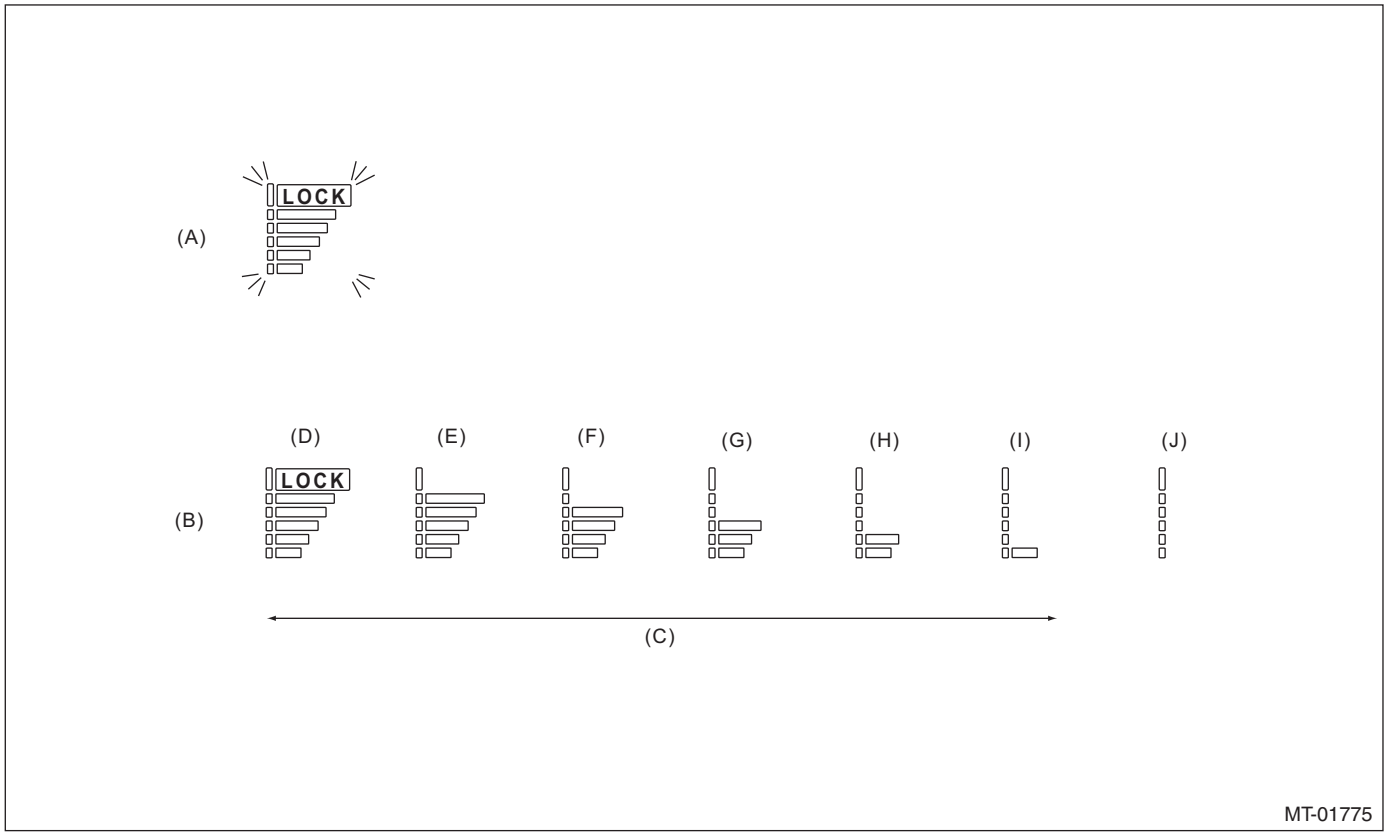
10.Driver's Control Center Differential (DCCD) Manual Mode Display

A: OPERATION

When there is a problem with a part or module, DCCD manual mode display blinks. (DCCD manual mode display blinks even in AUTO mode condition.) The blinking starts from when the problem is detected, and continues until the ignition switch is turned OFF. The faulty parts can be recognized by reading DTC with the Subaru Select Monitor.
DCCD manual mode display is as shown in the figure.



(A) If faulty (blinks at 1 Hz cycle)
(B) If normal
(C) Manual mode display
(D) 6 (LOCK)
(E) 5
(F) 4
(G) 3
(H) 2
(I) 1 (FREE)
(J) No display (AUTO mode)

B: INSPECTION

DIAGNOSIS:
DCCD manual mode display is open or shorted.
TROUBLE SYMPTOM:
DCCD manual mode display does not illuminate in manual mode.

	Step	Check	Yes	No
1	**CHECK BODY INTEGRATED UNIT.** Read the DTC of body integrated unit using Subaru Select Monitor.	Is DTC displayed?	Perform the diagnosis according to DTC.	Go to step **2**.
2	**CHECK COMBINATION METER.** Perform the self-diagnosis of combination meter. <Ref. to IDI-5, INSPECTION, Combination Meter System.>	Is the self-diagnosis of combination meter OK?	Go to step **3**.	Repair it according to combination meter diagnostics.
3	**CHECK IGNITION POWER SUPPLY CIRCUIT OF DCCD CONTROL MODULE.** 1) Connect the Subaru Select Monitor to the vehicle. 2) Turn the ignition switch to ON. 3) Read the data of «Battery voltage» using Subaru Select Monitor.	Is the voltage 11 V or more?	Go to step **4**.	Repair the open circuit of harness between fuse (F/B No. 12) and DCCD control module, or between fuse (F/B No. 12) and battery.
4	**CHECK DTC.**	Is DTC P1720 displayed?	Perform the diagnosis according to DTC.	Go to step **5**.
5	**CHECK MODE CHANGE SWITCH.** Read the data of «AUTO/MANUAL Mode Switch» using the Subaru Select Monitor.	Does the display change to ON/OFF according to the mode change switch operation?	Go to step **6**.	Diagnose the mode change switch.
6	**CHECK C.DIFF +/– SWITCH (UP/DOWN).** Read the data of «Up Switch» and «Down Switch» using the Subaru Select Monitor.	Does the display change to ON/OFF according to the C.DIFF +/– switch operation?	Go to step **7**.	Check the C.DIFF +/– switch.
7	**CHECK INDICATION OF DCCD MANUAL MODE DISPLAY.** Press the mode change switch to enter the manual mode.	Does the DCCD manual mode display illuminate?	Go to step **8**.	Check the poor contact.
8	**CHECK INDICATION OF DCCD MANUAL MODE DISPLAY.** Read the data of «DCCD Torque Allocation» using the Subaru Select Monitor.	Does the DCCD manual mode display change according to the C.DIFF +/– switch operation?	Go to step **9**.	Check the poor contact.
9	**CHECK OTHER DTC.**	Is any other DTC displayed?	Perform the diagnosis according to DTC.	DCCD manual mode display is OK.