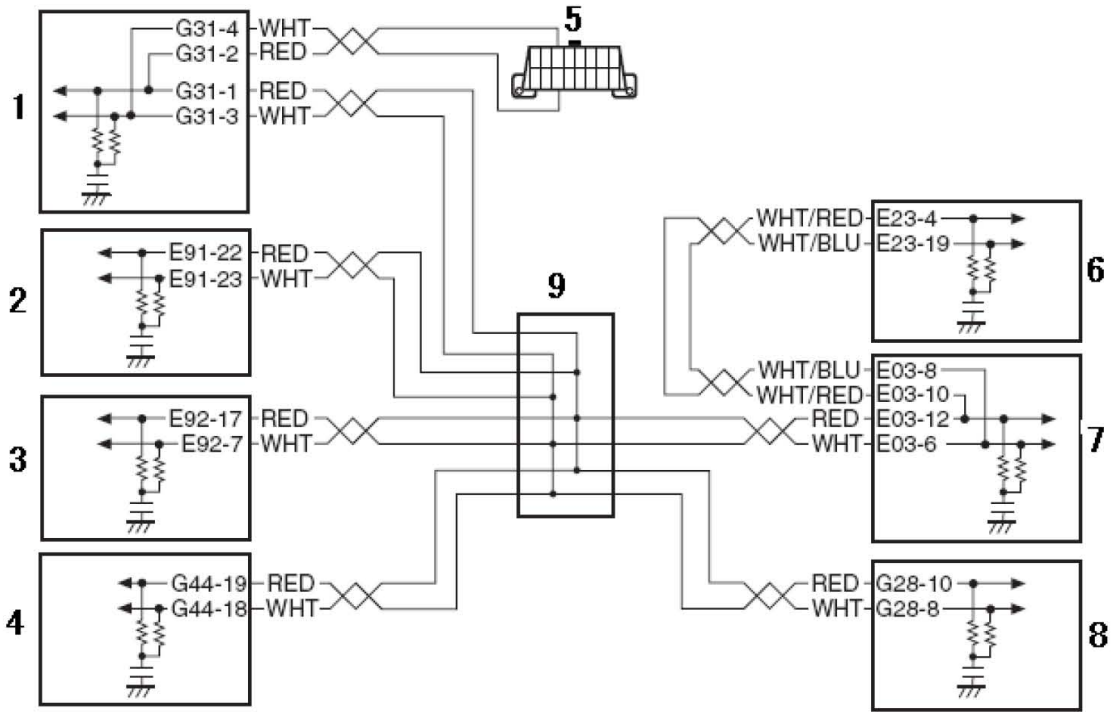
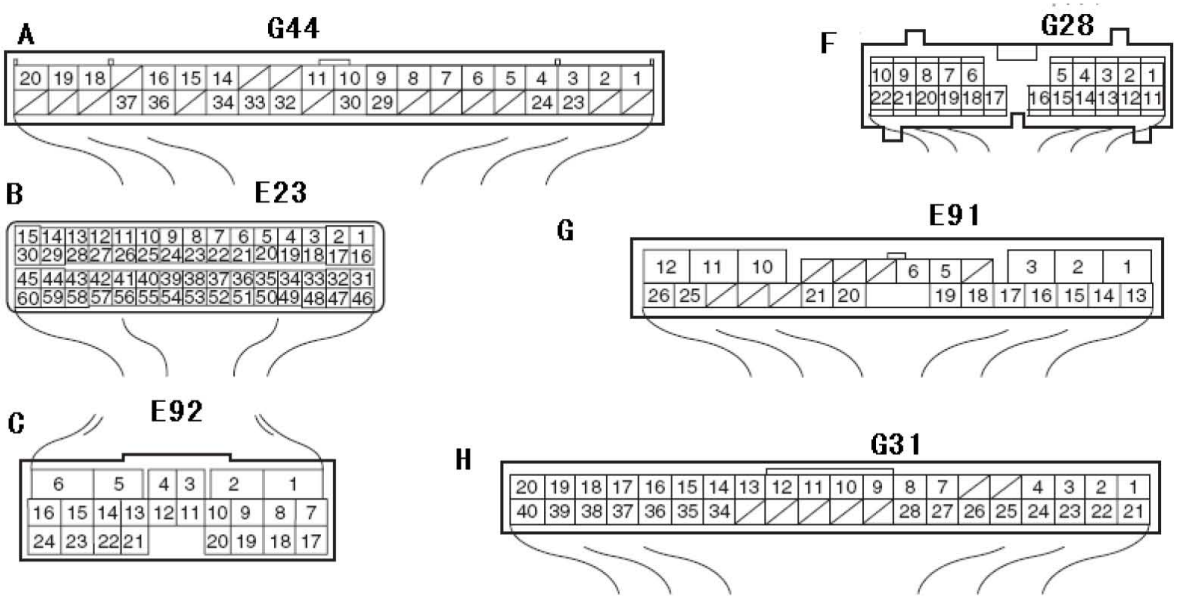
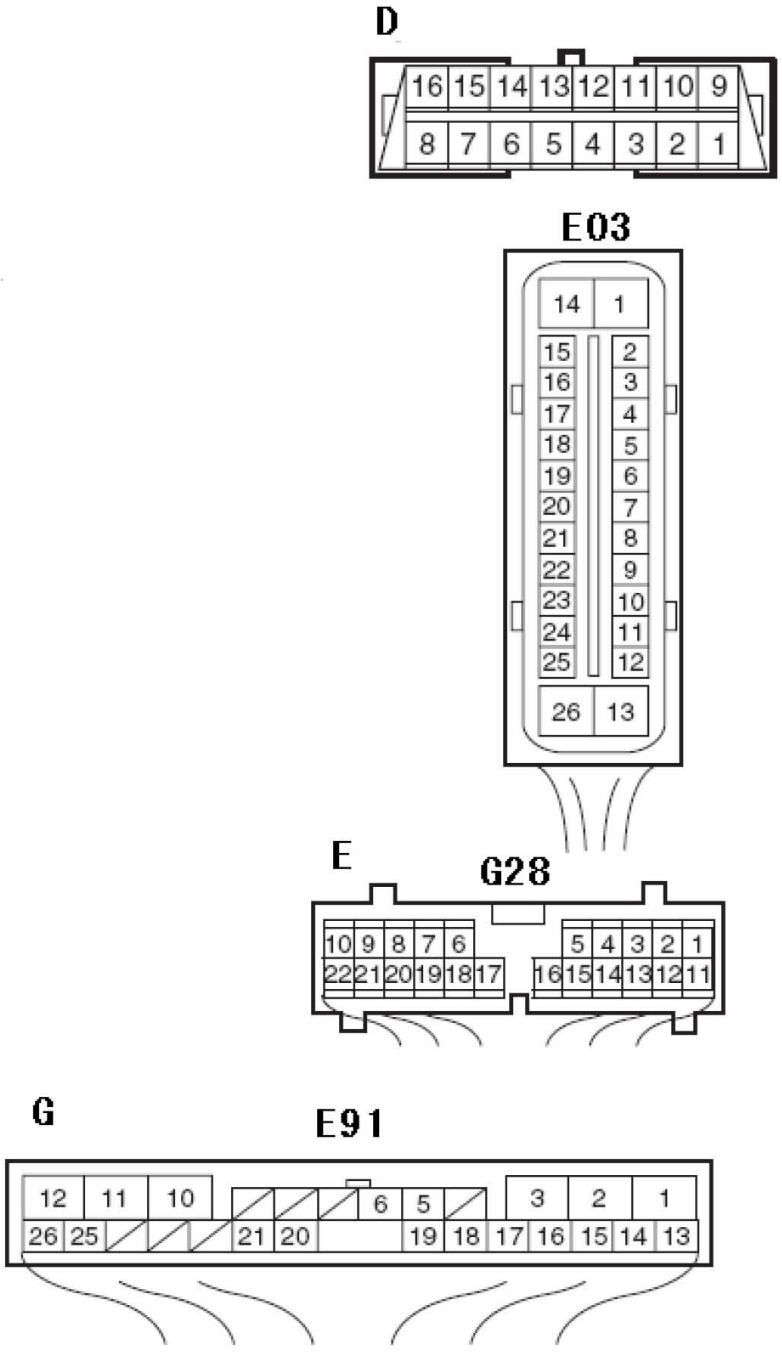
DTC U1073 (No. 1073)

Control Module Communication Bus Off

Wiring Diagram






D
16 15 14 13 12 11 10 9
8 7 6 5 4 3 2 1
E03
14 1
15 2
16 3
17 4
18 5
19 6
20 7
21 8
22 9
23 10
24 11
25 12
26 13
E
G28
10 9 8 7 6
22 21 20 19 18 17
5 4 3 2 1
16 15 14 13 12 11
G
E91
12 11 10
26 25
21 20
6 5
19 18 17
3 2 1
16 15 14 13

[A]:	Keyless start control module connector (viewed from harness side)	1.	Keyless start control module
[B]:	ECM connector (viewed from harness side)	2.	TCM (A/T model)
[C]:	TCM connector (viewed from harness side)	3.	4WD control module (if equipped)
[D]:	DLC (viewed from harness side)	4.	BCM
[E]:	ABS hydraulic unit/control module connector (viewed from harness side)	5.	DLC
[F]:	Combination meter connector (viewed from harness side)	6.	ECM
[G]:	4WD control module connector (viewed from harness side)	7.	ABS hydraulic unit/control module
[H]:	BCM connector (viewed from harness side)	8.	Combination meter
		9.	Junction connector

DTC Detecting Condition and Trouble Area

DTC detecting condition	Trouble area
Transmission error that is inconsistent between transmission data and transmission monitor (CAN bus monitor) data is detected more than 7 times continuously. (1 driving detection logic)	• CAN circuit • Combination meter •BCM • 4WD control module (if equipped) • ABS hydraulic unit/control module • TCM (A/T model) • Keyless start control module (if equipped) •ECM

DTC Confirmation Procedure

1) Connect scan tool to DLC with ignition switch turned OFF.
2) Turn ON ignition switch and clear DTC by using scan tool.
3) Start engine and run it for 1 min. or more.
4) Check DTC and pending DTC.

Troubleshooting

Step	Action	Yes	No
1	**Check each control unit connectors** 1) Check connection of connectors of all control modules communicating by means of CAN and reconnect securely. 2) Recheck DTC and reconnect securely. Is DTC U1073 detected?	Go to Step 2.	Intermittent trouble. Check for intermittent referring to “Intermittent and Poor Connection Inspection: in Section 00”.
2	**CAN communication circuit check** 1) Turn ignition switch to OFF position. 2) Disconnect connectors of all control modules communicating by means of CAN. 3) Check CAN communication circuit between control modules for open, short and high resistance. Is each CAN communication circuit in good condition?	Go to Step 3.	Repair circuit.

Step	Action	Yes	No
3	Check DTC in BCM 1) Turn ignition switch to OFF position. 2) Connect connectors of disconnected control modules communicating by means of CAN. 3) Disconnect connector from any one of control modules other than BCM. 4) Recheck DTC for BCM. Is DTC U1073 detected?	Disconnect connectors of control modules other than the one whose connector is disconnected in Step 3) one by one and check that DTC U1073 is detected by BCM each time connector is disconnected. When DTC U1073 is not detected by BCM while checking in this way, go to description under “NO” below. If DTC U1073 is detected by BCM even when connectors of all control modules that use CAN communication with BCM are disconnected, substitute a known-good BCM and recheck.	Check power and ground circuit of control module disconnect in Step 3). If circuit is OK, substitute a known-good control module disconnected in Step 3) and recheck.