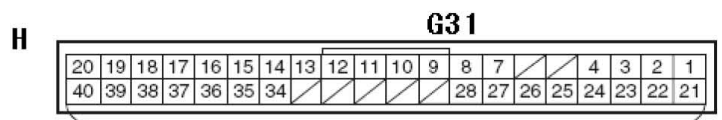
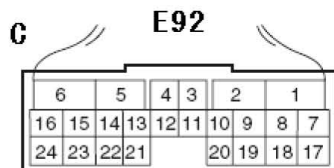
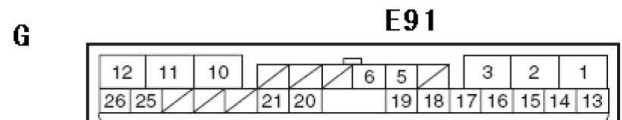
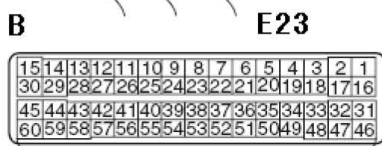
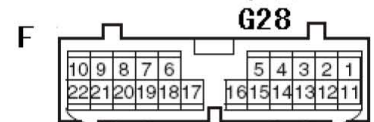
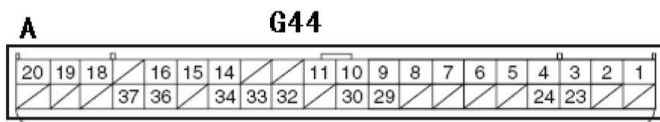
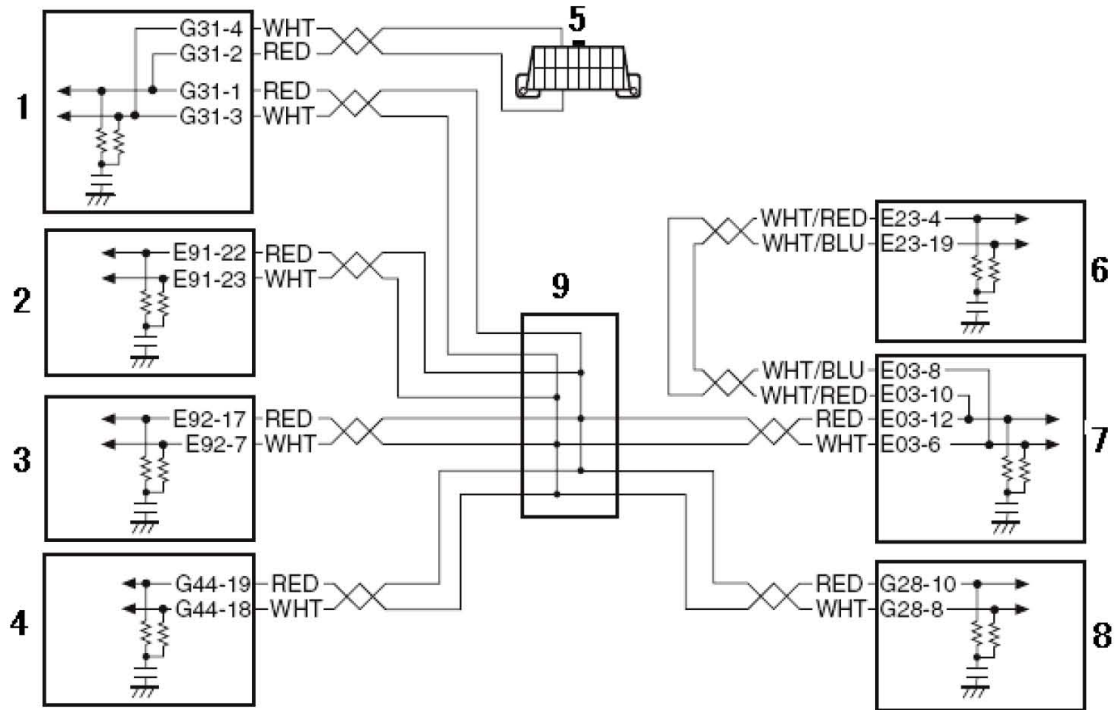
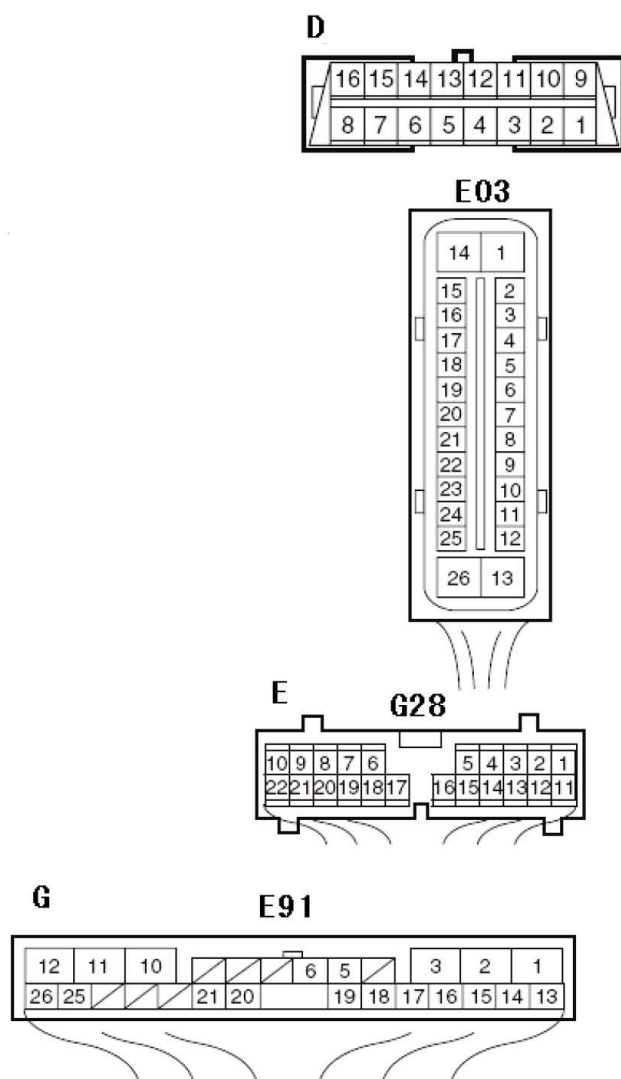


DTC P1774

Wiring Diagram

CAN Communication Bus Off





[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 cycle detection logic)	<ul style="list-style-type: none"> •ECM •TCM • Combination meter •BCM • ABS hydraulic unit / control module • 4WD control module • Keyless start control module (if equipped) • CAN communication line circuit

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.

DTC Troubleshooting

NOTE

Upon completion of inspection and repair work, perform "DTC Confirmation Procedure: " and confirm that the trouble has been corrected.

Step	Action	Yes	No
1	Was "A/T System Check" performed?	Go to Step 2.	Go to "A/T System Check: ".
2	Control module connector check 1) Check connection of connectors of all control modules communicating by means of CAN. 2) Recheck DTC in TCM referring to "DTC Check: ". Is there DTC P1774?	Go to Step 3.	Intermittent trouble. Check for intermittent referring to "Intermittent and Poor Connection Inspection: in Section 00".
3	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 4.	Repair circuit.
4	1) Turn ignition switch to OFF position. 2) Disconnect each connector. ECM ABS hydraulic unit / control module BCM 4WD control module Keyless start control module (if equipped) Combination meter 3) Recheck DTC in TCM referring to "DTC Check: ". Is there DTC P1774?	Check TCM power and ground circuit. If circuit is OK, substitute a known-good TCM and recheck.	Check applicable control module power and ground circuit. If circuit is OK, substitute a known-good applicable control module and recheck.