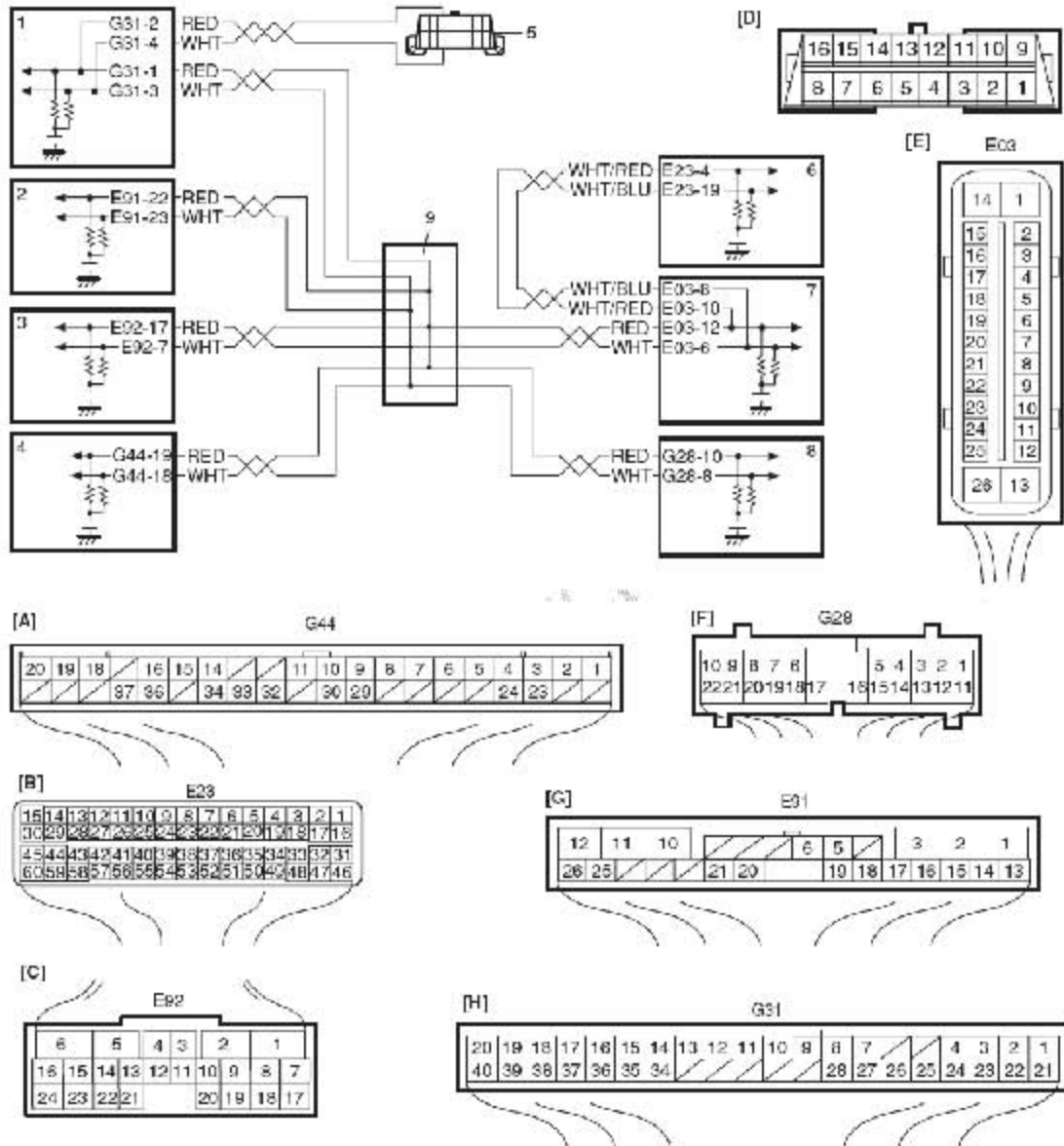


# P1774: CAN Communication Bus Off

## Wiring Diagram



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

## 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"> <li>•ECM</li> <li>•TCM</li> <li>• Combination meter</li> <li>•BCM</li> <li>• ABS hydraulic unit / control module</li> <li>• 4WD control module</li> <li>• Keyless start control module (if equipped)</li> <li>• CAN communication line circuit</li> </ul>

## 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	<b>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?</b>	Go to Step 3.	Intermittent trouble. Check for intermittent referring to "Intermittent and Poor Connection Inspection: in Section 00".
3	<b>CAN communication circuit check</b> 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.

Step	Action	Yes	No
4	<b>DTC check</b>  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.

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