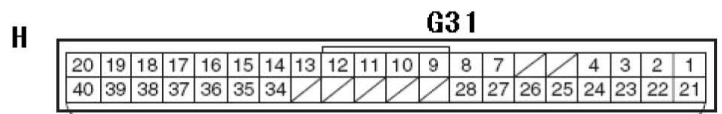
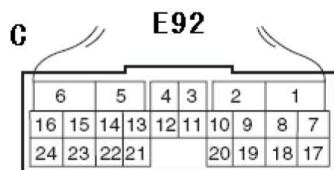
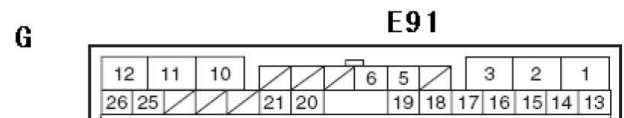
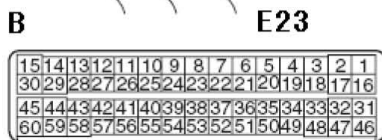
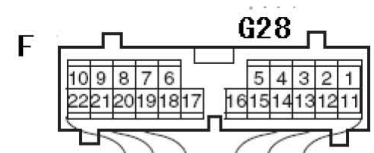
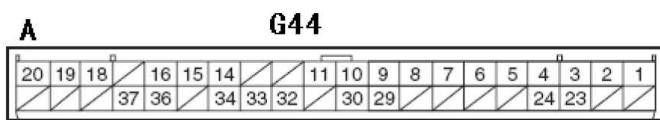
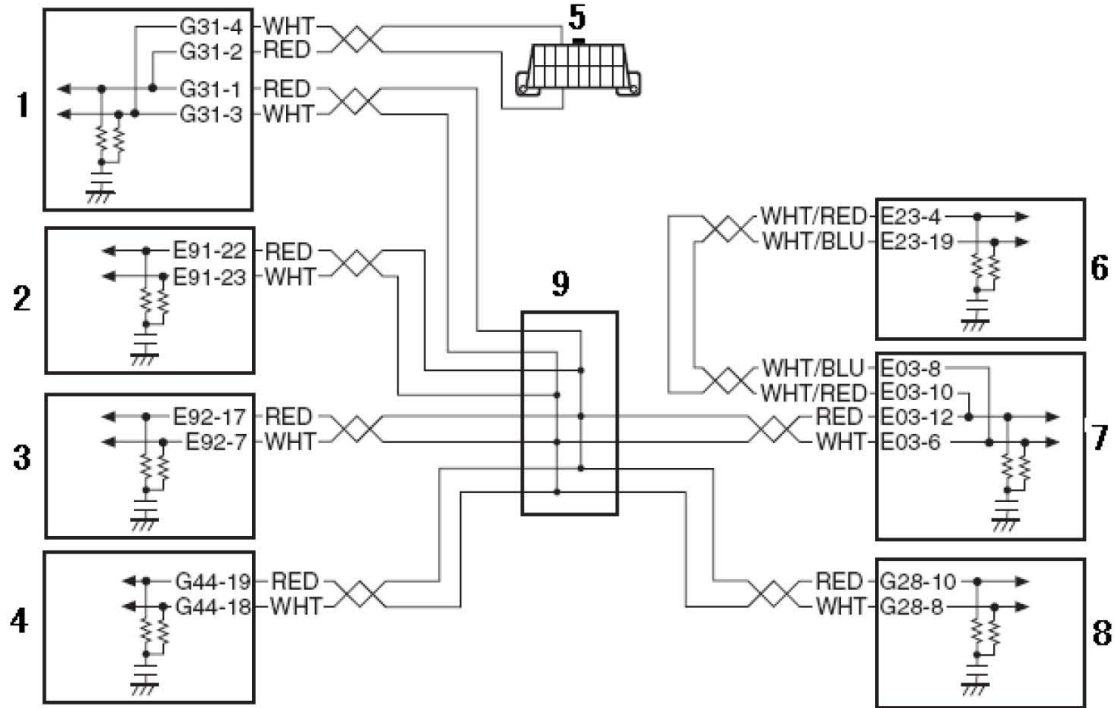


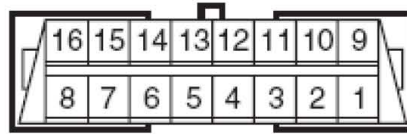
DTC U1144 (No. 1144)

Lost Communication with Keyless Start Control Module

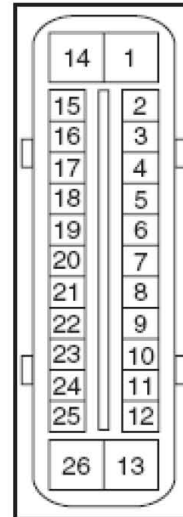
Wiring Diagram



D

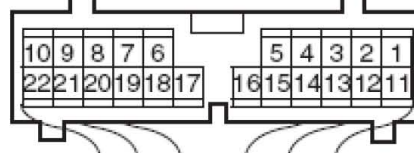


E03



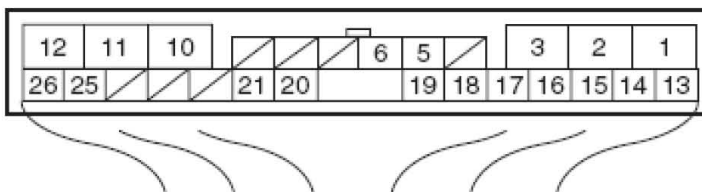
E

G28



G

E91



[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
BCM can not receive data sent by CAN from keyless start control module for longer than specified time continuously.	<ul style="list-style-type: none"> • CAN communication circuit • Keyless start control module • BCM

DTC Confirmation Procedure

- 1) Clear DTC referring to "DTC Clearance: ".
- 2) Start engine and run it for 1 min. or more.
- 3) Check DTC referring to "DTC Check: ".

Troubleshooting

Step	Action	Yes	No
1	<p>Check DTC in BCM</p> <p>Is DTC U1144 (No. 1144) and DTC U1073 (No. 1073) detected together?</p>	Go to "DTC U1073 (No. 1073): Control Module Communication Bus Off: ".	Go to Step 2.
2	<p>Check each control module connectors</p> <p>1) Check connection of connectors of all control modules communicating by means of CAN. 2) Recheck BCM for DTC.</p> <p>Is DTC U1144 (No. 1144) detected?</p>	Go to Step 3.	Intermittent trouble. Check for intermittent referring to "Intermittent and Poor Connection Inspection: in Section 00".
3	<p>CAN communication circuit check</p> <p>1) Turn ignition switch to OFF position. 2) Disconnect connectors of BCM and keyless start control module communicating by means of CAN. 3) Check CAN communication circuit between control Is each CAN communication circuit in good condition?</p>	Go to Step 4.	Repair circuit.
4	<p>DTC Check</p> <p>1) Turn ignition switch to OFF position. 2) Connect connectors to BCM and keyless start control module. 3) Check DTC for ECM. Is DTC P1618 detected by ECM?</p>	Substitute a known-good BCM and recheck.	control module power and ground circuit. If circuit is OK, substitute a known-good keyless start control module and recheck.