Diagnosis - Diagnostic Trouble Code (DTC) Memory

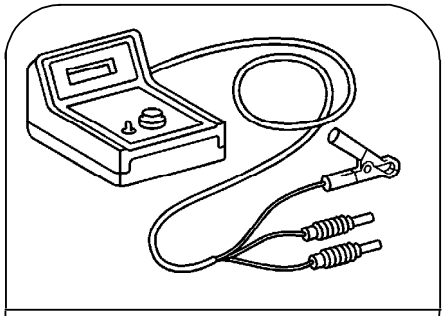
Test Preparation for DTC Readout

1. Connect impulse counter scan tool to data link connector (X11/4) as shown in section 0.

   Note: Connect yellow wire from impulse counter scan tool to socket 10 for impulse output from transmission control module (N15/1).

2. Ignition: **ON**.
3. Read DTC memory for transmission control module (N15/1).

Special Tools



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Pulse counter

Diagnosis - Diagnostic Trouble Code (DTC) Memory

Diagnostic trouble code (DTC)	Possible cause	Test step/Remedy [1]
1	No fault in system.	In case of complaint: 23 (entire test)
3	Load signal interrupted.	23⇒ 7.0
4	Throttle valve switch (potentiometer) interrupted.	23⇒ 2.0
5	Engine speed signal interrupted.	23⇒ 5.0, Check engine systems (MAS) control module (N16) or DI control module (N1/3)
6	VSS interrupted.	23⇒ 6.0
7	Output fault in TCM (N15/1) or fault in valve block control valve circuit (Y3/1y2).	23⇒ 9.0
8	Transmission control module (N15/1).	Replace N15/1
9	Valve block control valve (Y3/1y2) . [2]	23⇒ 9.0
10	Valve block control valve (Y3/1y2), short circuit.	23⇒ 9.0

1) Observe Preparation for Test, see 22.

2) If DTC 9 is displayed, it may be attributable to previous repair work done on the vehicle. For example, the valve block connector (Y3/1x1) on the transmission was not connected/reconnected while the engine was idling > 1000 rpm.
Clear DTC 9 by using impulse counter scan tool. Start engine and idle at > 1000 rpm for approximately 10 seconds, check DTC with impulse counter scan tool, if DTC 9 reappears 23 ⇒ 9.0.