

Diagnosis – Complaint Related Diagnostic Chart

Preparation for Test

1. Review 11, 20,
2. Check actual configuration of the control modules as located in the vehicle using the HHT,
3. Connect HHT (see section 0) and read out DTC codes.
(Use Star Diagnosis System for Model 220).

Complaint/Problem	Possible cause	Test step/Remedy ¹⁾
D2B Ring-Loop does not come-up (energize).	Voltage supply to one of the D2B components not ensured. (Voltage is used to check for voltage supply to D2B ring-Loop components). A "Diagnosis Wake Up Call" can only be used when there is an interruption within the D2B Ring-Loop.	Perform Diagnosis Wake Up Call.
D2B Ring-Loop does not come-up (energize).	The D2B connectors are improperly connected or are dirty.	Clean and properly reconnect all D2B connections.
D2B Ring-Loop does not come-up (energize) and there are no concrete indications in the DTC memory as to where the fault lies within the D2B Ring-Loop.	Fiber optic cable defect.	Check all the fiber optic cables beginning in a clock-wise direction (Information flow pattern) starting at the radio or COMAND unit. Also see 20
D2B Ring-Loop does not come-up (energize) and there are no concrete indications in the DTC memory as to where the fault lies within the D2B Ring-Loop.	Transmitter unit of a control module is defective. Receiver unit of a control module is defective.	Check all the fiber optic cables beginning in a clock-wise direction (Information flow pattern) starting at the radio or COMAND unit. Also see 20

¹⁾ Observe Preparation for Test, see 22.