

REFER to: Cruise Control - System Operation and Component Description .

DTC Fault Trigger Conditions

DTC	Description	Fault Trigger Conditions
U0158:00	Lost Communication With Head Up Display: No Sub Type Information	Sets in the CCM if data messages received from the HUD module over the HS-CAN2 are missing.

Possible Sources

- CCM
- HUD module

DIAGNOSIS AND TESTING > CRUISE CONTROL > PINPOINT TESTS > PINPOINT TEST L : U0158:00 > PINPOINT TEST L : U0158:00

L1 VERIFY THE CUSTOMER CONCERN

Ignition ON.

Verify there is an observable symptom present.

Is an observable symptom present?

Yes	GO to L2
No	The system is operating normally at this time. The DTC may have been set due to high network traffic or an intermittent fault condition.

L2 CHECK THE COMMUNICATION NETWORK

Ignition ON.

Using a diagnostic scan tool, perform the network test.

Does the HUD module pass the network test?

Yes	GO to L3
No	REFER to: Communications Network .

L3 RETRIEVE THE RECORDED DIAGNOSTIC TROUBLE CODES (DTCS) FROM THE CCM (CRUISE CONTROL MODULE) AND THE HUD (HEAD UP DISPLAY) MODULE SELF-TEST

Using a diagnostic scan tool, perform the CCM and HUD module self-tests.

Is DTC U3003:16 or DTC U3003:17 recorded?

Yes	If DTC U3003:16 is recorded in the CCM, GO to Pinpoint Test P If DTC U3003:17 is recorded in the CCM, GO to Pinpoint Test Q If diagnostic trouble codes (DTCs) are recorded in the HUD module, REFER to: Collision Warning and Collision Avoidance System .
No	GO to L4

L4 RECHECK THE CCM (CRUISE CONTROL MODULE) DIAGNOSTIC TROUBLE CODES (DTCS)

 **NOTE:** If new modules were installed prior to the DTC being set, the module configuration can be incorrectly set during the Programmable Module Installation (PMI) or the Programmable Module Installation (PMI) may not have been carried out.

Using a diagnostic scan tool, clear the Diagnostic Trouble Codes (DTCs). Repeat the CCM self-test.

Is DTC U0158:00 still present?

Yes	GO to L5
No	The system is operating correctly at this time. The DTC may have been set due to high network traffic or an intermittent fault condition.

L5 CHECK FOR DTC (DIAGNOSTIC TROUBLE CODE) U0158:00 SET IN OTHER MODULES

Clear all Diagnostic Trouble Codes (DTCs).

Ignition OFF.

Ignition ON.

Wait 10 seconds.

Using a diagnostic scan tool, retrieve the Continuous Memory Diagnostic Trouble Codes (CMDTCs) from all modules.

Is DTC U0158:00 set in other modules?

Yes	INSTALL a new HUD module. REFER to: Head Up Display (HUD) Module .
No	INSTALL a new CCM. REFER to: Cruise Control Module (CCM) .