

Scan Tool Setup and Functionality

Connect the scan tool to the data link connector (DLC) for communication with the vehicle.

The DLC is located in the driver side compartment under the steering column. It is attached to the instrument panel and accessible from the driver seat.

The DLC is rectangular in design and capable of accommodating up to 16 terminals. The connector has keying features to allow easy connection.

The required scan tool functions are described below:

- monitor, record, and playback of parameter identification (PID)
- freeze frame PID data
- diagnostic test modes; self-test, clear diagnostic trouble codes (DTCs)
- output test mode
- resetting keep alive memory (KAM)
- diagnostic monitoring test results (mode 6) for on board diagnostic (OBD) monitors
- on board system readiness (OBD monitor completion status)

Some of these functions are described in this section. Refer to the scan tool manufacturer's instruction manual for specific information on scan tool setup and operation.

International Standards Organization (ISO) 14229 DTC Descriptions

The ISO 14229 DTC is a set of common requirements for diagnostic systems. The scan tool displays a failure type and a status type with the DTC. The types display additional information on the scan tool for the condition that set the DTC. For a list of failure type descriptions, refer to Section 1, [Powertrain Control Software](#), International Standards Organization (ISO) 14229 Diagnostic Trouble Code (DTC) Descriptions.
