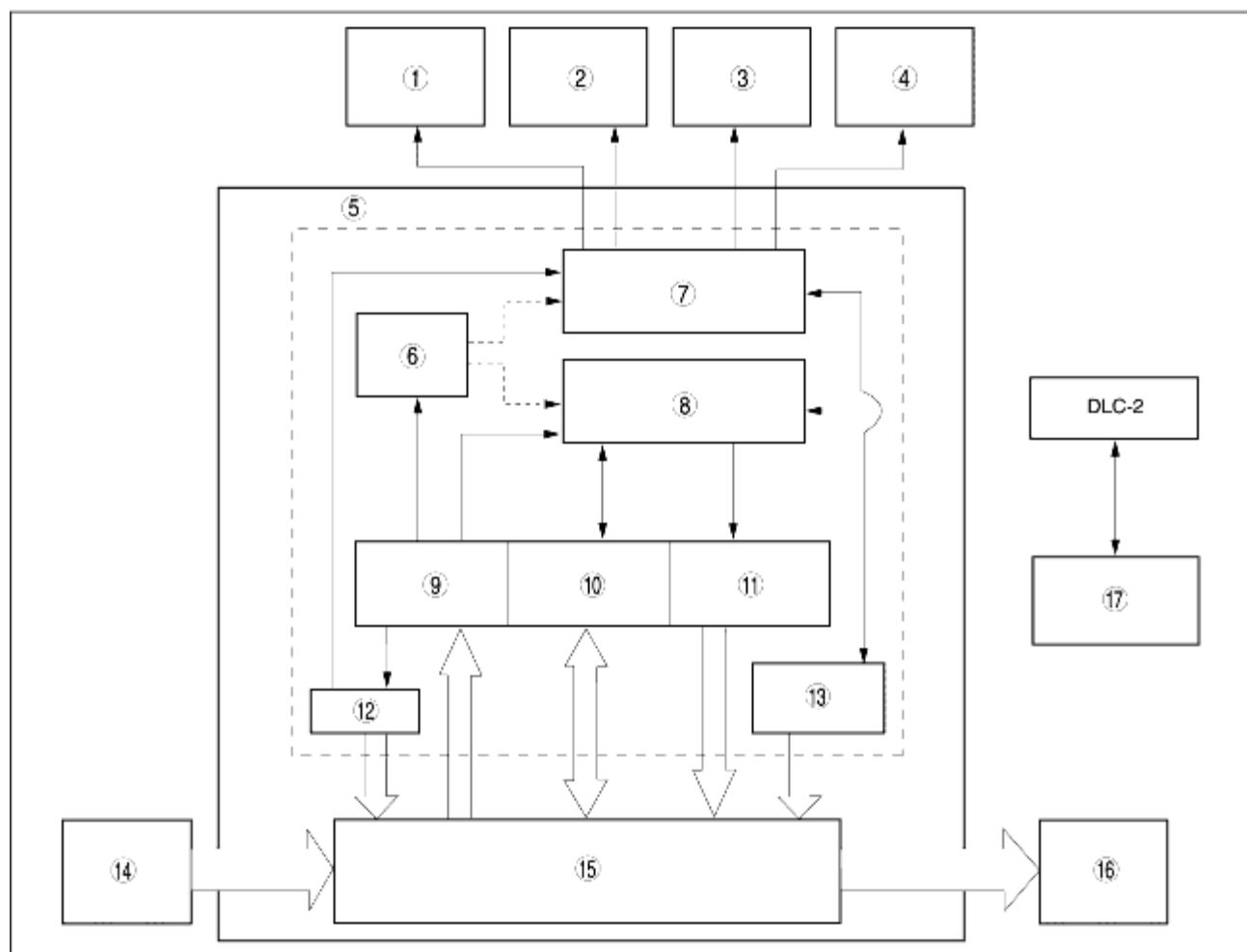


ON-BOARD DIAGNOSTIC SYSTEM OUTLINE (ABS, DYNAMIC STABILITY CONTROL)

B3E040243000T01

- The on-board diagnostic system consists of a malfunction detection system that detects abnormalities in input/output signals when the ignition switch is at the ON position, a data monitor function that reads out specified input/output signals and a active command modes function that allows for override operation of output parts (such as solenoid valves).
- The data link connector 2 (DLC-2), which groups together all the connectors used for malfunction diagnosis and detecting/repair into a single location, has been adopted, thereby improving serviceability. Diagnosis is performed by connecting the WDS or equivalent to the DLC-2.
- In addition to DTC read-out, the WDS or equivalent is used to clear DTCs using the display screen of the diagnostic tester, and to access the PID/data monitor and active command modes functions, providing enhanced malfunction diagnosis and improved serviceability.

Block Diagram



B3E0402T004

1	DSC indicator light (with DSC)
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2	DSC OFF light (with DSC)
3	ABS warning light
4	Brake system warning light
5	On-board diagnostic function
6	Memory function
7	Malfunction display function
8	Serial communication
9	Malfunction detection function
10	PID/DATA monitor function
11	Active command modes function
12	Fail-safe function
13	HU inspection function
14	Input device
15	Normal control area
16	Output device
17	WDS or equivalent