

ITCM Blink Code Diagnostic Mode 1

Simple Mode Diagnostics Faults (ON, OFF, ON)

This mode has an abbreviated list of Fault Codes that will display. Fault Codes are grouped to simplify the diagnostics. Up to 3 active codes will be displayed at one time. These faults need to be repaired before other active faults can be displayed.

See Troubleshooting Diagnostic Code Section on Pages 30-34.

Item	Flash Count	Actual Fault
System OK	Light Stay On	07 (No Active Faults)
Sensor 1A	1 Flash	01
Sensor 1B	2 Flashes	02
Sensor 2A	3 Flashes	03
Sensor 2B	4 Flashes	04
21 Valve	7 Flashes	61, 67, 71, 77, 81, and 87
22 Valve	8 Flashes	62, 68, 72, 78, 82, and 88
23 Valve	9 Flashes	63, 69, 73, 79, 83, and 89
Low Voltage	10 Flashes	90
ECU Failure	11 Flashes	93,99, and E-Codes

If the Simple Mode Code does not show a fault code, but the ABS Light remains “ON” after powering the ABS, there are no active faults present. Verify in Mode 3 (Stored Codes). If any faults 11 - 14 or 21 - 24 are present the problem needs to be resolved before the ABS Light will turn off when Permanent Powered vehicle travels greater than 6 mph.

Wheel Speed Mode

Wheel Speed Mode is accessible only in Simple Mode. This Simple Mode is not activated until ECU (Electronic Control Unit) has received a signal from the wheel speed sensor of a spinning wheel. The hold solenoid of the Modulator Valve associated with the particular sensed spinning wheel will be cycled the same number of times as the ABS Light flashes. The Blink Code for the sensed wheels are as follows:

S1A: 1 Flash

S1B: 2 Flashes

S2A: 3 Flashes

S2B: 4 Flashes

Note 1: Spin only one wheel at a time.

Note 2: Once a wheel is rotated, the ABS Light will remain “ON” after the wheel is stopped until the next wheel is rotated.