

Troubleshooting and Repair

Enhanced Easy-Stop™ blink codes may be accessed by ignition circuit and counting flashes on the trailer ABS indicator lamp on the side of the trailer.

To access blink codes:

- Turn ignition ON for one second,
- Turn ignition OFF for one second,
- Turn ignition ON and count the flashes on the ABS lamp. **Code will be repeated 3 Times**

With Enhanced Easy-Stop™, the Blink Code tool and the ABS Lamp on the trailer do not function simultaneously.

BLINK CODE	CAUSE OF FAULT	ACTION REQUIRED
0	No faults.	System O.K. No action needed.
3	Sensor BU1: Cable break, short circuit or out of adjustment.	Check sensor, sensor cable and cable connection; adjust sensor; or check for excessive hub runout, a sensor gap that is too wide or damage to the tooth wheels.
4	Sensor YE1: Cable break, short circuit or out of adjustment.	Check sensor, sensor cable and cable connection; adjust sensor; or check for excessive hub runout, a sensor gap that is too wide or damage to the tooth wheels.
5	Sensor BU2: Cable break, short circuit or out of adjustment.	Check sensor, sensor cable and cable connection; adjust sensor; or check for excessive hub runout, a sensor gap that is too wide or damage to the tooth wheels.
6	Sensor YE2: Cable break, short circuit or out of adjustment.	Check sensor, sensor cable and cable connection; adjust sensor; or check for excessive hub runout, a sensor gap that is too wide or damage to the tooth wheels.
7	Ext. Modulator (RD): Short to power, cable break or open, short to ground or cable damaged, or ECU/Valve Assembly Failure.	Check ABS valve and cable. Replace as required.
9	Easy-Stop™: External Modulator (BU) Enhanced Easy-Stop™: Internal Modulator Failure, Inlet Valve #2: Short to power, cable break or open, short to ground or cable damaged, or ECU/Valve Assembly Failure.	Easy-Stop™: Check ABS valve and cable. Replace as required. Enhanced Easy-Stop™: Verify correct installation. If code continues, contact Meritor WABCO for assistance.
10	Easy-Stop™: ECU/Valve Assembly Modulator (YE) Enhanced Easy-Stop™: Internal Modulator Failure, Inlet Valve #1: Short to power, cable break or open, short to ground or cable damaged, or ECU/Valve Assembly Failure.	Easy-Stop™: Check ABS valve and cable. Replace as required. Enhanced Easy-Stop™: Verify correct installation. If code continues, contact Meritor WABCO for assistance.
11	Internal Modulator Failure, Outlet Valve. Enhanced Easy-Stop™ Only.	Verify correct installation. If code continues, contact Meritor WABCO for assistance.
14	Power Supply: Over or under voltage, current low, or internal failure.	Repair vehicle power supply, check vehicle voltage output and connector; check ECU's configuration.
15	ECU – Internal Failure Internal failure.	Internal failure, contact Meritor WABCO.
16	SAE J1708 Failure	Internal failure, contact Meritor WABCO.
17	Generic SAE J2497 (PLC) Failure	Internal failure, contact Meritor WABCO.
18	Generic I/O Failure	Verify correct electrical installation. Check power supply. Make necessary corrections.

Note: (Easy-Stop™ only) If the blink code indicates there are no faults, but the trailer ABS indicator lamp continues to come on and stay on when you apply the brakes to the moving vehicle, there is an intermittent fault that must be repaired. Refer to Maintenance Manual No. 33, Expert Mode Diagnostics.

For further information on blink code diagnostics, refer to Maintenance Manual No. 33 (Easy-Stop™), Maintenance Manual MM-0180 (Enhanced Easy-Stop™) or call: **800-535-5560**.

These manuals are posted on our website at meritorwabco.com.

MERITOR WABCO

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