 Wabco RSS code

NOTE: A J1587/J1708 to RS232 or PLC to J1708 interface is required to run this software.

Vista™ /Windows® 7 Installations

If you have Microsoft Vista™/Windows® 7 installed on your computer, the Vista™ UAC (User Access Control) must be disabled before installing the TOOLBOX™ Software. Have your computer support personnel or your IT (Information Technology) department perform this change. Once disabled, TOOLBOX™ Software can be installed without issue.

Meritor WABCO does not provide computer support.

If TOOLBOX™ Software has already been installed on your personal computer with Vista™/Windows® 7, your computer support personnel (IT department) must disable the UAC manually. Refer to Vista™ support documentation for the procedure.

Blink Code Diagnostics

The Meritor WABCO RSS*plus*™ Trailer ABS ECU detects any electrical fault in the trailer ABS. Each of the faults has a code. When a fault occurs, the ECU stores the code for that fault in the memory.

There are two kinds of faults: active and stored. Active faults are those currently existing in the system, such as a broken wire. Active faults can be diagnosed through blink codes or TOOLBOX™ Software. Stored faults are faults that have occurred but do not presently exist. Active faults can be cleared only after repairs are completed. Stored faults can only be diagnosed with TOOLBOX™ Software.

The ECU signals a malfunction by lighting both the internal and external indicator lamp when a fault exists. The external ABS indicator lamp is usually mounted on the left rear of the trailer, near the rear wheels. Blink codes are activated through Ignition Power Activation.

Ignition Power Activation

Ignition Power Activation is the process of using the vehicle's ignition switch (or interrupting the power on the blue wire by some other means) to display blink codes on the trailer ABS indicator lamp located on the side of the trailer. This method is for constant power vehicles only.

NOTE: For ignition power activation, power is provided by the ignition switch.

To obtain blink codes using ignition power activation, perform the following procedure:

1. Turn the ignition switch on for no longer than five seconds. The ABS indicator lamp will be on.
2. Turn the ignition switch off. The ABS indicator lamp will go out.
3. Turn the ignition switch on. The ABS indicator lamp will then come on, then go out.
4. The blink code error will be displayed three times by the ABS indicator lamp on the trailer.

Blink Code Counts	Component Name
0	No failure
3	Sensor failure c
4	Sensor failure d
5	Sensor failure e
6	Sensor failure f
7	External modulator failure
9	Internal modulator failure H2
10	Internal modulator failure H1
11	No speed failure
12	Control pressure failure
13	Supply pressure failure
14	Power supply failure
15	ECU internal failure*
16	SAE J 1708 failure
17	PLC failure
18	Generic IO failure
19	Load sensing failure
20	Roll stability system failure

*This error code will also appear on newly installed ECUs that have not been put into service with TOOLBOX™ Software End-of-Line test.