

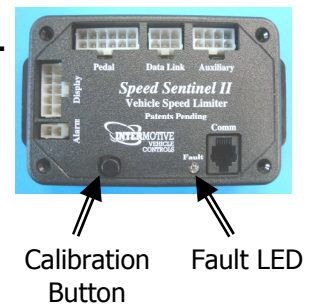
Speed Sentinel II SS502-C, SS502-CX, SS502-CND Diagnostic Codes

Checking Speed Sentinel II[®] for Diagnostic Trouble Codes

- If the Speed Sentinel II[®] has a stored fault code, the "fault" LED will blink twice a second and codes can be retrieved by entering diagnostic mode.
- If the Speed Sentinel II[®] requires calibration with the vehicle, the "fault" LED will blink on for two seconds and off for a half second. See Section 3 for accelerator pedal calibration.
- If the Speed Sentinel II[®] has an internal programming fault, the "fault" LED will blink on/off rapidly. Call InterMotive for assistance.



Note: The SS502-AX Does not include the LED Display Panel. Fault Codes can be read at the module by pressing and releasing the calibration button and reading the Fault LED.



Entering Diagnostic Mode

- Diagnostic mode is entered by pressing and releasing the yellow "diag" button on the LED display. Once in diagnostic mode, all codes will be displayed by the blinking "fault" LED.
- The codes will be displayed as blink codes. For example, if there is 1 blink, a short pause, and then 2 blinks, the code is 1 2. These two sets of blinks are combined to form the code.
- A zero will have no blink, so when the vehicle is safe (ready to be active) it will blink once every three seconds. Diagnostic codes will change depending on the safe status of the vehicle.

Clearing codes:

- Place the vehicle in Park.
- Press the yellow "Diag" button and at the same time pump the service brake three times.



An ISO 9001:2008 Registered Company

Speed Sentinel II
SS502-A, SS502-AX, SS502-AND
Diagnostic Codes

LED Code	Terminal Code	VSS state	Drive Train state	Service Brake state
1 - 0	10	> 0	In Drive	Not applied
1 - 1	11	> 0	In Drive	Applied
1 - 2	12	> 0	Not In Drive	Not applied
1 - 3	13	> 0	Not In Drive	Applied
1 - 4	14	= 0	In Drive	Not applied
1 - 5	15	= 0	In Drive	Applied
1 - 6	16	= 0	Not In Drive	Not applied
1 - 7	17	= 0	Not In Drive	Applied
1 - 8	18	> 0	In Drive	Not applied
1 - 9	19	> 0	In Drive	Applied
1 - 10	1A	> 0	Not In Drive	Not applied
1 - 11	1B	> 0	Not In Drive	Applied
1 - 12	1C	= 0	In Drive	Not applied
1 - 13	1D	= 0	In Drive	Applied
1 - 14	1E	= 0	Not In Drive	Not applied
1 - 15	1F	= 0	Not In Drive	Applied

Contact InterMotive for assistance with codes and diagnostics of the Speed Sentinel II[®].

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