



Vehicle Attachment 6
Meritor WABCO ABS Code Report and Code Descriptions

New York, NY
HWY-11-MH-005

(8 pages)

World Wide Tours Report 00003883

Meritor WABCO ABS Fault Report

VIN : World Wide Tours Report 00003883

Date : 17/03/2011

Time : 2:06:10 PM

Part Number : 446004384

Serial Number : 00003883

ECU Revision : D153

Manufacture Date : 42/1998

ABS System Config : 4S/4M Cab (24V)

Fault #	Description	Status	SID	FMI	Count
1	Warning Light - Open	ACTIVE	23	5	9
2	Right Rear Sensor - Slip	Inactive	4	8	1
3	Left Rear Sensor - Slip	Inactive	3	8	1
4	Right Front Sensor - Open	Inactive	2	5	1
5	Overvoltage Diagonal 1 or 2	Inactive	251	3	2

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Vehicle Control Systems

SAE Fault Code: **SID 23**
 FMI 5

Description: **Warning Light Open**

The ABS ECU has detected an open circuit on the warning lamp output pin **18-18**. Check wiring and lamp. This may also be caused by activating the blink code switch for greater than 16 seconds. Clear the fault with Toolbox software and cycle the ignition. If fault repeats, replace ABS ECU.

[ABS Schematic](#)

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Vehicle Control Systems

SAE Fault Code: **SID 4**
 FMI 8

Description: **Right Rear Wheel Sensor Excessive Slip**

The ABS ECU has detected a wheel slip condition of more than 16 seconds in duration. Adjust the air gap by pushing the sensor all the way until it touches the tooth wheel.

[Sensor Installation](#)
[ABS Schematic](#)

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Vehicle Control Systems

SAE Fault Code: **SID 3**
 FMI 8

Description: **Left Rear Wheel Sensor Excessive Slip**

The ABS ECU has detected a wheel slip condition of more than 16 seconds in duration. Adjust the air gap by pushing the sensor all the way until it touches the tooth wheel.

[Sensor Installation](#)
[ABS Schematic](#)

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Vehicle Control Systems

SAE Fault Code: **SID 2**
 FMI 5

Description: **Right Front Wheel Sensor Open**

The ABS unit has detected an open circuit between the two pins that attach to the right front wheel sensor **9 pin – 4 and 5**. The open circuit may be caused by a bad sensor, or an open in the cable/socket. Use an ohmmeter to check the resistance and determine the bad component.

[Sensor Resistance Check](#)
[ABS Schematic](#)

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Vehicle Control Systems

SAE Fault Code: **SID 251**
 FMI 3

Description: **Diagonal 1 or 2 Over Voltage**

The ABS ECU has detected the supply voltage to be too high for more than 5 seconds.
Check the alternator and battery



ECU Information

ECU Type: Cab (24V)
 Configuration: 4S/4M
 Part Number: 446004384
 Manufacture Date: 42/1998
 Serial Number: 00003883
 Software Rev.: D153
 Engine Data Link: J1922

Wheel Sensor

	RPM	MPH
Left Front	< 7	0
Right Front	< 7	0
Left 2nd	< 7	0
Right 2nd	< 7	0
Left 3rd		
Right 3rd		

Faults

Yes Existing **Yes** Stored

Learned Components

ATC Valve Retarder Relay Data Link

Control Status

ABS Brake: Off
 ABS Retarder: Off
 ATC Brake:
 ATC Engine:

Switches

ABS: Off
 ATC:

Lamps

ABS: **On** ATC: Off Trailer: N/A

Voltages

Diagonal 1: 21.71
 Diagonal 2: 21.86
 Battery: 21.70

Road Speed

1 (mph)