# MID 137 - Bendix Trailer ABS

Bendix Trailer ABS

PID/ SID	FMI	Fault Code	Fault Description
1	0	2-1	Sensor A - Sensor Air Gap Too Large
	8	2-2	Sensor A - Sensor Air Gap Too Large or Sensor Shorted
		2-4	Sensor A - Excessive Wheel Lock
		2-5	Sensor A - Intermittent Sensor Signal
	10	2-3	Sensor A - Noisy Signal, Check Tone Wheel
	12	2-6	Sensor A - Sensor Shorted or Open
2	0	3-1	Sensor B - Sensor Air Gap Too Large
	8	3-2	Sensor B - Sensor Air Gap Too Large or Sensor Shorted
		3-4	Sensor B - Excessive Wheel Lock
		3-5	Sensor B - Intermittent Sensor Signal
	10	3-3	Sensor B - Noisy Signal, Check Tone Wheel
	12	3-6	Sensor B - Sensor Shorted or Open
3	0	4-1	Sensor C - Sensor Air Gap Too Large
	8	4-2	Sensor C - Sensor Air Gap Too Large or Sensor Shorted
		4-4	Sensor C - Excessive Wheel Lock
		4-5	Sensor C - Intermittent Sensor Signal
	10	4-3	Sensor C - Noisy Signal, Check Tone Wheel
	12	4-6	Sensor C - Sensor Shorted or Open
4	0	5-1	Sensor D - Sensor Air Gap Too Large
	8	5-2	Sensor D - Sensor Air Gap Too Large or Sensor Shorted
		5-4	Sensor D - Excessive Wheel Lock
		5-5	Sensor D - Intermittent Sensor Signal
	10	5-3	Sensor D - Noisy Signal, Check Tone Wheel
	12	5-6	Sensor D - Sensor Shorted or Open
7	2	8-8	Valve A - System Configuration is Incorrect

### Bendix Trailer ABS (Continued)

PID/ SID	FMI	Fault Code	Fault Description
7	3	8-1	Valve A - Short Circuit from the Release Solenoid to Voltage
		8-5	Valve A - Short Circuit from the Hold Solenoid to Voltage
	4	8-2	Valve A - Short Circuit from the Release Solenoid to Ground
		8-6	Valve A - Short Circuit from the Hold to Ground
	5	8-3	Valve A - Open Circuit at the Release Solenoid
		8-4	Valve A - Open Circuit on the Common Line to Valve
		8-7	Valve A - Open Circuit at the Hold Sole- noid
8	2	9-8	Valve B - System Configuration is Incorrect
	3	9-1	Valve B - Short Circuit from the Release Solenoid to Voltage
		9-5	Valve B - Short Circuit from the Hold Solenoid to Voltage
	4	9-2	Valve B - Short Circuit from the Release Solenoid to Ground
		9-6	Valve B - Short Circuit from the Hold to Ground
	5	9-3	Valve B - Open Circuit at the Release Solenoid
		9-4	Valve B - Open Circuit on the Common Line to Valve
		9-7	Valve B - Open Circuit at the Hold Sole- noid
14	3	10-9	Common Side of Valve(s) - Stray Volt- age Detected
		10-10	Common Side of Valve(s) - Shorted High
	4	10-11	Common Side of Valve(s) - Shorted to Ground
23	14	17-10	Warning Light Shorted High or J1587+ Shorted to Ground

Bendix Trailer ABS (Continued)

PID/ SID	FMI	Fault Code	Fault Description
30	12	15-10	ECU Internal Error
		15-11	ECU Internal Error
151	14	17-12	Sensor Signal Check Required. Pull Trailer or Turn Wheels one after the Other
251	1	16-1	Over Voltage on ECU Power Line
	2	16-2	Low Voltage on ECU Power Line
253	12	15-4	ECU Internal Error
	13	15-3	ECU Internal Error
254	2	15-4	ECU Internal Error
		15-7	ECU Internal Error
		15-9	ECU Internal Error
	12	15-1	ECU Internal Error
		15-2	ECU Internal Error
		15-6	ECU Internal Error
-	-	1-1	No Trouble Found

# MID 137 - Eaton Trailer ABS

Eaton Trailer ABS

PID/ SID	FMI	Fault	Fault
_		Code	Description
1	0	2-1	Sensor A - Sensor Air Gap Too Large
	8	2-2	Sensor A - Sensor Air Gap Too Large or Sensor Shorted
		2-4	Sensor A - Excessive Wheel Lock
		2-5	Sensor A - Intermittent Sensor Signal
	10	2-3	Sensor A - Noisy Signal, Check Tone Wheel
	12	2-6	Sensor A - Sensor Shorted or Open
2	0	3-1	Sensor B - Sensor Air Gap Too Large
	8	3-2	Sensor B - Sensor Air Gap Too Large or Sensor Shorted
		3-4	Sensor B - Excessive Wheel Lock
		3-5	Sensor B - Intermittent Sensor Signal
	10	3-3	Sensor B - Noisy Signal, Check Tone Wheel
	12	3-6	Sensor B - Sensor Shorted or Open
3	0	4-1	Sensor C - Sensor Air Gap Too Large
	8	4-2	Sensor C - Sensor Air Gap Too Large or Sensor Shorted
		4-4	Sensor C - Excessive Wheel Lock
		4-5	Sensor C - Intermittent Sensor Signal
	10	4-3	Sensor C - Noisy Signal, Check Tone Wheel
	12	4-6	Sensor C - Sensor Shorted or Open
4	0	5-1	Sensor D - Sensor Air Gap Too Large
	8	5-2	Sensor D - Sensor Air Gap Too Large or Sensor Shorted
		5-4	Sensor D - Excessive Wheel Lock
		5-5	Sensor D - Intermittent Sensor Signal
	10	5-3	Sensor D - Noisy Signal, Check Tone Wheel
	12	5-6	Sensor D - Sensor Shorted or Open
7	2	8-8	Valve A - System Configuration is Incorrect

### Eaton Trailer ABS (Continued)

PID/ SID	FMI	Fault Code	Fault Description
7	3	8-1	Valve A - Short Circuit from the Release Solenoid to Voltage
		8-5	Valve A - Short Circuit from the Hold Solenoid to Voltage
	4	8-2	Valve A - Short Circuit from the Release Solenoid to Ground
		8-6	Valve A - Short Circuit from the Hold to Ground
	5	8-3	Valve A - Open Circuit at the Release Solenoid
		8-4	Valve A - Open Circuit on the Common Line to Valve
		8-7	Valve A - Open Circuit at the Hold Sole- noid
8	2	9-8	Valve B - System Configuration is Incorrect
	3	9-1	Valve B - Short Circuit from the Release Solenoid to Voltage
		9-5	Valve B - Short Circuit from the Hold Solenoid to Voltage
	4	9-2	Valve B - Short Circuit from the Release Solenoid to Ground
		9-6	Valve B - Short Circuit from the Hold to Ground
	5	9-3	Valve B - Open Circuit at the Release Solenoid
		9-4	Valve B - Open Circuit on the Common Line to Valve
		9-7	Valve B - Open Circuit at the Hold Sole- noid
14	3	10-9	Common Side of Valve(s) - Stray Volt- age Detected
		10-10	Common Side of Valve(s) - Shorted High
	4	10-11	Common Side of Valve(s) - Shorted to Ground
23	14	17-10	Warning Light Shorted High or J1587+ Shorted to Ground

Eaton Trailer ABS (Continued)

		-	
PID/ SID	FMI	Fault Code	Fault Description
30	12	15-10	ECU Internal Error
		15-11	ECU Internal Error
151	14	17-12	Sensor Signal Check Required. Pull Trailer or Turn Wheels one after the Other
251	1	16-1	Over Voltage on ECU Power Line
	2	16-2	Low Voltage on ECU Power Line
253	12	15-4	ECU Internal Error
	13	15-3	ECU Internal Error
254	2	15-4	ECU Internal Error
		15-7	ECU Internal Error
		15-9	ECU Internal Error
	12	15-1	ECU Internal Error
		15-2	ECU Internal Error
		15-6	ECU Internal Error
-	-	1-1	No Trouble Found

# MID 137 - Haldex Trailer ABS

Haldex Trailer ABS

PID/ SID	FMI	Fault Code	Fault Description
1	2	22	Speed Sensor RED S1B Intermittent Input
	5	2	Speed Sensor RED S1B Open/Short Cir- cuit
		4	Speed Sensor YEL S2B Open/Short Cir- cuit
		5	Speed Sensor BLU S3AOpen/Short Cir- cuit
	13	12	Speed Sensor RED S1B Sensor Gap to Large
		14	Speed Sensor YEL S2B Sensor Gap to Large
		15	Speed Sensor BLU S3A Sensor Gap to Large
2	2	21	Speed Sensor RED S1A Intermittent Input
		23	Speed Sensor BLU S2A Intermittent Input
	5	1	Speed Sensor RED S1A Open/Short Cir- cuit
		3	Speed Sensor BLU S2A Open/Short Cir- cuit
	13	11	Speed Sensor RED S1A Sensor Gap to Large
		13	Speed Sensor BLU S2A Sensor Gap to Large
3	2	25	Speed Sensor BLU S3A Intermittent Input
	5	6	Speed Sensor YEL S3B Open/Short Cir- cuit
	13	16	Speed Sensor YEL S3B Sensor Gap to Large
4	5	4	Speed Sensor YEL S2B Open/Short Cir- cuit
7	7	40	Sensor Wiring Crossed Over Axle
		42	BLU Valve Channel Slow Wheel Recovery
	13 5	16 4 40	Speed Sensor YEL S3B Open/Short C cuit Speed Sensor YEL S3B Sensor Gap t Large Speed Sensor YEL S2B Open/Short C cuit Sensor Wiring Crossed Over Axle BLU Valve Channel Slow Wheel Reco

7743YEL Valve Channel Slow Wheel Recovery ery8741BLU Valve Channel Slow Wheel Recovery9743YEL Valve Channel Slow Wheel Recovery22820Incorrect Exciter Ring Tooth Count1437Warning Lamp Signal From Device23535Aux Analog CH2 Open/Short Circuit2413C1Sensor/Valve Configuration Error4281RED Valve Channel Hold Short to B+82BLU Valve Channel Hold Short to B+83YEL Valve Channel Hold Short Circuit73YEL Valve Channel Hold Short Circuit7471RED Valve Channel Hold Short Circuit7561RED Valve Channel Hold Short Circuit7681.RED Valve Channel Hold Short Circuit73YEL Valve Channel Hold Open Circuit62BLU Valve Channel Hold Open Circuit63YEL Valve Channel Hold Short to B+472BLU Valve Channel Hold Short to B+473YEL Valve Channel Hold Short to B+473YEL Valve Channel Hold Short to B+473YEL Valve Channel Hold Short to B+4887BLU Valve Channel Hold Short to B+89YEL Valve Channel Dump Short Circuit78 <td< th=""><th>PID/ SID</th><th>FMI</th><th>Fault Code</th><th>Fault Description</th></td<>	PID/ SID	FMI	Fault Code	Fault Description	
9743YEL Valve Channel Slow Wheel Recovery9743YEL Valve Channel Slow Wheel Recovery22820Incorrect Exciter Ring Tooth Count1437Warning Lamp Signal From Device23535Aux Analog CH2 Open/Short Circuit2413C1Sensor/Valve Configuration Error42381RED Valve Channel Hold Short to B+82BLU Valve Channel Hold Short to B+83YEL Valve Channel Hold Short to B+4471RED Valve Channel Hold Short Circuit72BLU Valve Channel Hold Short Circuit73YEL Valve Channel Hold Open Circuit7461RED Valve Channel Hold Open Circuit7561RED Valve Channel Hold Open Circuit76BLU Valve Channel Hold Open Circuit77YEL Valve Channel Hold Open Circuit7882BLU Valve Channel Hold Short to B+4472BLU Valve Channel Hold Short Circuit7562BLU Valve Channel Hold Short to B+4473YEL Valve Channel Hold Short to B+4563YEL Valve Channel Hold Short to B+4887BLU Valve Channel Hold Short to B+4887BLU Valve Channel Hold Short to B+4974RED Valve Channel Hold Short to B+4173YEL Valve Channel Hold Short to B+4273YEL Valve Channel Hold Short to B+4387BLU Valve Channel Dump Short Circuit4473YEL	7	7	43		
22820Incorrect Exciter Ring Tooth Count1437Warning Lamp Signal From Device23535Aux Analog CH2 Open/Short Circuit2413C1Sensor/Valve Configuration Error42381RED Valve Channel Hold Short to B+82BLU Valve Channel Hold Short to B+83YEL Valve Channel Hold Short to B+4471RED Valve Channel Hold Short Circuit72BLU Valve Channel Hold Short Circuit73YEL Valve Channel Hold Short Circuit7461RED Valve Channel Hold Short Circuit7561RED Valve Channel Hold Open Circuit62BLU Valve Channel Hold Open Circuit63YEL Valve Channel Hold Open Circuit6472BLU Valve Channel Hold Short to B+4338284NELU Valve Channel Hold Short Circuit562BLU Valve Channel Hold Short Circuit443837592767377YEL Valve Channel Hold Short to B+4887BLU Valve Channel Hold Short to B+4887BLU Valve Channel Hold Short to B+49747270YEL Valve Channel Hold Short to B+71887281.U Valve Channel Hold Short to B+7374.74777577767777777881.U Valve Channel Dump Short Circuit7979 <td>8</td> <td>7</td> <td>41</td> <td></td>	8	7	41		
1437Warning Lamp Signal From Device23535Aux Analog CH2 Open/Short Circuit2413C1Sensor/Valve Configuration Error42381RED Valve Channel Hold Short to B+82BLU Valve Channel Hold Short to B+83YEL Valve Channel Hold Short to B+83YEL Valve Channel Hold Short to B+4471RED Valve Channel Hold Short Circuit72BLU Valve Channel Hold Short Circuit73YEL Valve Channel Hold Short Circuit7461RED Valve Channel Hold Open Circuit7561RED Valve Channel Hold Open Circuit63YEL Valve Channel Hold Open Circuit63YEL Valve Channel Hold Short to B+472BLU Valve Channel Hold Short Circuit7562BLU Valve Channel Hold Short to B+472BLU Valve Channel Hold Short to B+473YEL Valve Channel Hold Short to B+473YEL Valve Channel Hold Short to B+473YEL Valve Channel Hold Short to B+4887BLU Valve Channel Hold Short to B+88BLU Valve Channel Hold Short to B+89YEL Valve Channel Dump Short Circuit79YEL Valve Channel Dump Short Circuit79YEL Valve Channel Dump Open Circuit7467RED Valve Channel Dump Short Circuit	9	7	43		
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471RED Valve Channel Hold Short Circuit72BLU Valve Channel Hold Short Circuit73YEL Valve Channel Hold Short Circuit73YEL Valve Channel Hold Open Circuit561RED Valve Channel Hold Open Circuit62BLU Valve Channel Hold Open Circuit63YEL Valve Channel Hold Open Circuit43382472BLU Valve Channel Hold Short to B+472BLU Valve Channel Hold Short Circuit562BLU Valve Channel Hold Short to B+43834473YEL Valve Channel Hold Short to B+473YEL Valve Channel Hold Short to B+473YEL Valve Channel Hold Short to B+4887BLU Valve Channel Hold Short to B+88BLU Valve Channel Hold Short to B+89YEL Valve Channel Hold Short to B+89YEL Valve Channel Hold Short to B+477RED Valve Channel Hold Short to B+477RED Valve Channel Dump Short Circuit78BLU Valve Channel Dump Short Circuit79YEL Valve Channel Dump Short Circuit567RED Valve Channel Dump Open Circuit			82	BLU Valve Channel Hold Short to B+	
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561RED Valve Channel Hold Open Circuit62BLU Valve Channel Hold Open Circuit63YEL Valve Channel Hold Open Circuit43382BLU Valve Channel Hold Short to B+472BLU Valve Channel Hold Short Circuit562BLU Valve Channel Hold Open Circuit44383YEL Valve Channel Hold Short to B+473YEL Valve Channel Hold Short to B+473YEL Valve Channel Hold Short Circuit563YEL Valve Channel Dump Open Circuit48387BLU Valve Channel Hold Short to B+89YEL Valve Channel Hold Short to B+89YEL Valve Channel Hold Short to B+477RED Valve Channel Hold Short to B+477RED Valve Channel Dump Short Circuit78BLU Valve Channel Dump Short Circuit567RED Valve Channel Dump Open Circuit			72	BLU Valve Channel Hold Short Circuit	
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63YEL Valve Channel Hold Open Circuit43382BLU Valve Channel Hold Short to B+472BLU Valve Channel Hold Short Circuit562BLU Valve Channel Hold Open Circuit44383YEL Valve Channel Hold Short to B+473YEL Valve Channel Hold Short Circuit563YEL Valve Channel Hold Short Circuit48387BLU Valve Channel Hold Short to B+89YEL Valve Channel Hold Short to B+89YEL Valve Channel Hold Short to B+477RED Valve Channel Hold Short to B+477RED Valve Channel Dump Short Circuit78BLU Valve Channel Dump Short Circuit567RED Valve Channel Dump Open Circuit		5	61	RED Valve Channel Hold Open Circuit	
43382BLU Valve Channel Hold Short to B+472BLU Valve Channel Hold Short Circuit562BLU Valve Channel Hold Open Circuit44383YEL Valve Channel Hold Short to B+473YEL Valve Channel Hold Short Circuit563YEL Valve Channel Dump Open Circuit48387BLU Valve Channel Hold Short to B+89YEL Valve Channel Hold Short to B+89YEL Valve Channel Hold Short to B+477RED Valve Channel Dump Short Circuit78BLU Valve Channel Dump Short Circuit567RED Valve Channel Dump Open Circuit			62	BLU Valve Channel Hold Open Circuit	
472BLU Valve Channel Hold Short Circuit562BLU Valve Channel Hold Open Circuit44383YEL Valve Channel Hold Short to B+473YEL Valve Channel Hold Short Circuit563YEL Valve Channel Dump Open Circuit48387BLU Valve Channel Hold Short to B+88BLU Valve Channel Hold Short to B+89YEL Valve Channel Hold Short to B+477RED Valve Channel Hold Short to B+477RED Valve Channel Dump Short Circuit78BLU Valve Channel Dump Short Circuit567RED Valve Channel Dump Open Circuit			63	YEL Valve Channel Hold Open Circuit	
562BLU Valve Channel Hold Open Circuit44383YEL Valve Channel Hold Short to B+473YEL Valve Channel Hold Short Circuit563YEL Valve Channel Dump Open Circuit48387BLU Valve Channel Hold Short to B+88BLU Valve Channel Hold Short to B+89YEL Valve Channel Hold Short to B+477RED Valve Channel Hold Short to B+477RED Valve Channel Dump Short Circuit78BLU Valve Channel Dump Short Circuit567RED Valve Channel Dump Open Circuit	43	3	82	BLU Valve Channel Hold Short to B+	
44383YEL Valve Channel Hold Short to B+473YEL Valve Channel Hold Short Circuit563YEL Valve Channel Dump Open Circuit48387BLU Valve Channel Hold Short to B+88BLU Valve Channel Hold Short to B+89YEL Valve Channel Hold Short to B+477RED Valve Channel Dump Short Circuit78BLU Valve Channel Dump Short Circuit79YEL Valve Channel Dump Short Circuit567RED Valve Channel Dump Open Circuit		4	72	BLU Valve Channel Hold Short Circuit	
473YEL Valve Channel Hold Short Circuit563YEL Valve Channel Dump Open Circuit48387BLU Valve Channel Hold Short to B+88BLU Valve Channel Hold Short to B+89YEL Valve Channel Hold Short to B+477RED Valve Channel Hold Short to B+477RED Valve Channel Dump Short Circuit78BLU Valve Channel Dump Short Circuit79YEL Valve Channel Dump Short Circuit567RED Valve Channel Dump Open Circuit		5	62	BLU Valve Channel Hold Open Circuit	
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48387BLU Valve Channel Hold Short to B+88BLU Valve Channel Hold Short to B+89YEL Valve Channel Hold Short to B+477RED Valve Channel Dump Short Circuit78BLU Valve Channel Dump Short Circuit79YEL Valve Channel Dump Short Circuit567RED Valve Channel Dump Open Circuit		4	73	YEL Valve Channel Hold Short Circuit	
88BLU Valve Channel Hold Short to B+89YEL Valve Channel Hold Short to B+477RED Valve Channel Dump Short Circuit78BLU Valve Channel Dump Short Circuit79YEL Valve Channel Dump Short Circuit567RED Valve Channel Dump Open Circuit		5	63	YEL Valve Channel Dump Open Circuit	
89YEL Valve Channel Hold Short to B+477RED Valve Channel Dump Short Circuit78BLU Valve Channel Dump Short Circuit79YEL Valve Channel Dump Short Circuit567RED Valve Channel Dump Open Circuit	48	3	87	BLU Valve Channel Hold Short to B+	
477RED Valve Channel Dump Short Circuit78BLU Valve Channel Dump Short Circuit79YEL Valve Channel Dump Short Circuit567RED Valve Channel Dump Open Circuit			88	BLU Valve Channel Hold Short to B+	
78BLU Valve Channel Dump Short Circuit79YEL Valve Channel Dump Short Circuit567RED Valve Channel Dump Open Circuit			89	YEL Valve Channel Hold Short to B+	
79YEL Valve Channel Dump Short Circuit567RED Valve Channel Dump Open Circuit		4	77	RED Valve Channel Dump Short Circuit	
5 67 RED Valve Channel Dump Open Circuit			78	BLU Valve Channel Dump Short Circuit	
			79	YEL Valve Channel Dump Short Circuit	
68 BLU Valve Channel Dump Open Circuit		5	67	RED Valve Channel Dump Open Circuit	
			68	BLU Valve Channel Dump Open Circuit	

### Haldex Trailer ABS (Continued)

PID/ SID	FMI	Fault Code	Fault Description
48	5	69	YEL Valve Channel Dump Open Circuit
49	3	88	BLU Valve Channel Hold Short to B+
	4	78	BLU Valve Channel Dump Short Circuit
	5	68	BLU Valve Channel Dump Open Circuit
50	3	89	YEL Valve Channel Hold Short to B+
	4	79	YEL Valve Channel Dump Short Circuit
	5	69	YEL Valve Channel Dump Open Circuit
240	13	CO	Sensor/Valve Configuration Error
		C2	Sensor/Valve Configuration Error
251	3	92	High Power Supply Voltage to ABS ECU
	4	90	Low Power Supply Voltage to ABS ECU
252	5	26	Speed Sensor YEL S3B Intermittent Input
		30	Aux Digital CH 0 Open.Short Circuit
		31	Aux Digital CH 1 Open.Short Circuit
		32	Aux Digital CH 2 Open.Short Circuit
		33	Aux Analog CH3 Open/Short Circuit
		34	Aux Analog CH1 Open/Short Circuit
254	12	80	Any Valve Channel Leakage Current
		91	No Solenoid Voltage Defective ABS ECU
		93	ABS Short Circuit Sum Error Defective ECU
		99	ABS Check Sum Error Defective ECU
		E0	Defective ABS ECU
		E1	Defective ABS ECU
		E2	Defective ABS ECU
		E3	Defective ABS ECU
		E4	Defective ABS ECU
		E5	Defective ABS ECU
		E6	Defective ABS ECU
		E7	Defective ABS ECU
		E8	Defective ABS ECU
		E9	Defective ABS ECU
		EA	Defective ABS ECU

#### Haldex Trailer ABS (Continued)

PID/ SID	FMI	Fault Code	Fault Description
254	12	EB	Defective ABS ECU
		EC	Defective ABS ECU
		ED	Defective ABS ECU
		EE	Defective ABS ECU
		EF	Defective ABS ECU
	13	9A	Auxiliary Function Line 2 Configuration Error

# MID 137 - Wabco Trailer ABS

Wabco Trailer ABS

PID/ SID	FMI	Fault Code	Fault Description
3	5	3+5	BU1 Sensor Damaged or Cable Dam- aged
	7	3+7	BU1 Sensor Out of Adjustment
	10	3+10	BU1 Wheel Speed Erratic
4	5	4+5	YE1 Sensor Damaged or Cable Dam- aged
	7	4+7	YE1 Sensor Out of Adjustment
	10	4+10	YE1 Wheel Speed Erratic
5	5	5+5	BU2 Sensor Damaged or Cable Damaged
	7	5+7	BU2 Sensor Out of Adjustment
	10	5+10	BU2 Wheel Speed Erratic
6	5	6+5	YE2 Sensor Damaged or Cable Damaged
	7	6+7	YE2 Sensor Out of Adjustment
	10	6+10	YE2 Wheel Speed Erratic
9	3	9+3	Ext Valve (BU) Short to Power
	5	9+5	Ext Valve (BU) Open or Cable Damage
	6	9+6	Ext Valve (BU) Grounded or Cable Damage
	12	9+12	Ext Valve (BU) Short to Power
10	3	10+3	Ext Valve (YE) Short to Power
	5	10+5	Ext Valve (YE) Open or Cable Damage
	6	10+6	Ext Valve (YE) Grounded or Cable Damage
	12	10+12	Ext Valve (YE) Short to Power
14	4	14+4	Voltage Low, Power Relay
59	3	14+3	Power Supply Over voltage
	12	15+?	ECU Internal Failure
60	2	14+2	Unexpected System
61	12	15+12	ECU Internal Failure
62	9, 12	15+?	ECU Internal Failure
251	3	14+3	Power Supply Over voltage

### Wabco Trailer ABS (Continued)

PID/ SID	FMI	Fault Code	Fault Description
251	9, 12	15+?	ECU Internal Failure
252	2	15+?	Unexpected System
253	12	15+?	ECU Internal Failure
254	2, 12	15+?	ECU Internal Failure
-	-	0	System OK