

V-MAC[®] III
Fault Code Supplemental Report
1M2AG11C54M012315
CV713 012315



*Approved Service Provider for Mack Trucks, Inc

DELTA [v] Ref: E285

Engineer: _____

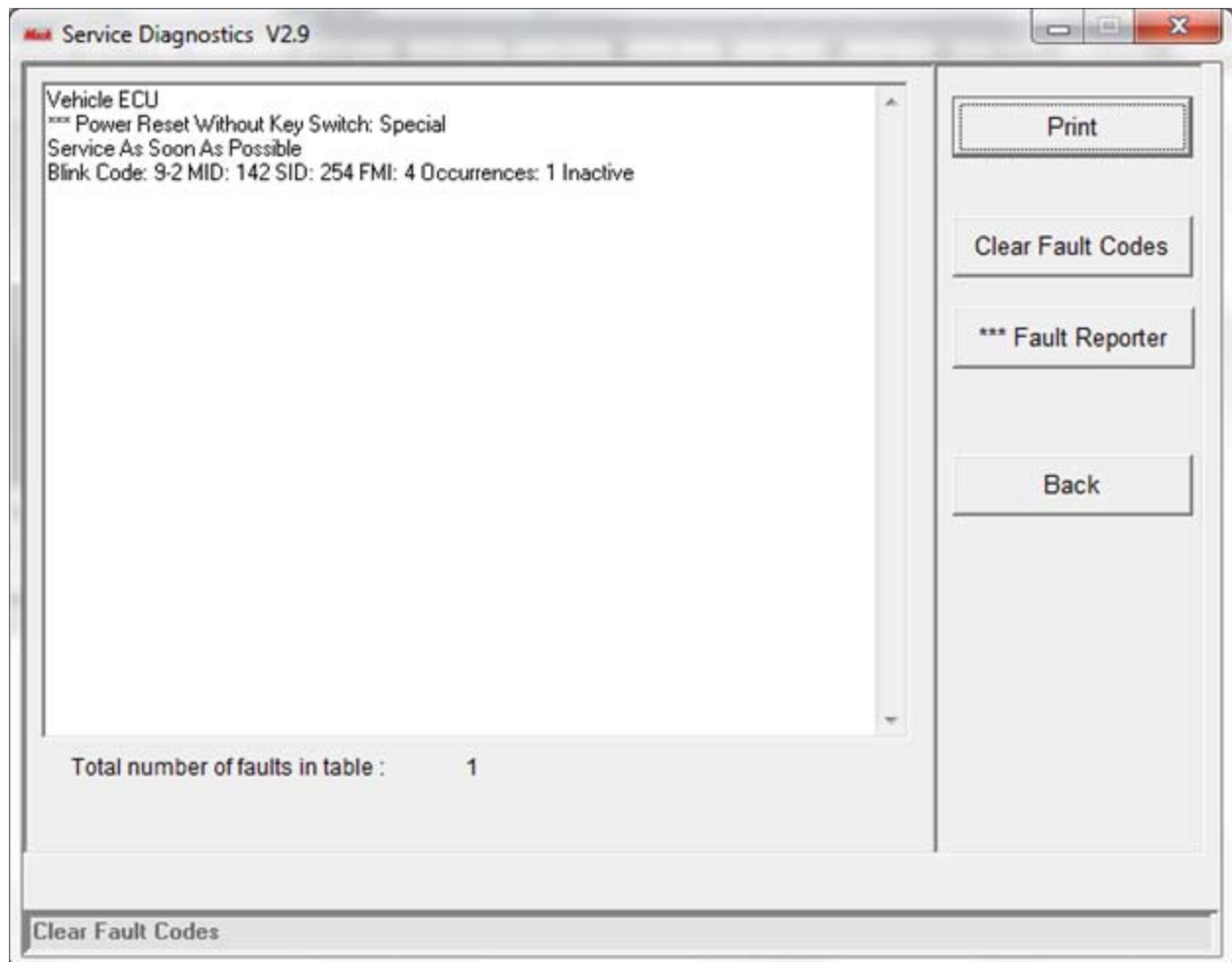
Compiled: Thursday, February 23, 2012

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2. Fault Tables

2.1. Vehicle ECU Fault Table



2.2. Engine ECU Fault Table

The screenshot shows a software window titled "Service Diagnostics V2.9". The main area displays three engine faults:

- Engine ECU**
Injector 6 Sensor: Abnormal Signal Response
Service Required, Engine Power May Be Reduced
Blink Code: 8-6 MID: 128 SID: 6 FMI: 8 Occurrences: 3 Inactive
- Solenoid Boost Voltage: Voltage Low Or Shorted To Battery - MUST BE SERVICED NOW**
Blink Code: 8-9 MID: 128 SID: 151 FMI: 4 Occurrences: 1 Inactive
- *** Coolant Level Sensor: Voltage High Or Open Circuit ENGINE MAY SHUT DOWN**
Blink Code: 1-7 MID: 128 PID: 111 FMI: 3 Occurrences: 1 Inactive

At the bottom left, it states: "Total number of faults in table : 3". On the right side, there are four buttons: "Print", "Clear Fault Codes", "*** Fault Reporter", and "Back".

3. Fault Reporter Data

3.1. Fault Reporter Configuration

The image displays four screenshots of the 'Fault Reporter Configuration' dialog box, arranged in a 2x2 grid. Each screenshot shows the 'Fault Reporter Advanced Setup' section with various configuration options. The 'Occurrence Mode' dropdown is set to 'One', 'Two', 'Three', and 'Four' respectively in the four windows. The 'Retrigger Hold-off (1-240 seconds)' is set to 60 in all windows. The 'MID Filter' is set to 'ALL' in all windows. The 'PID/SID Filter' is set to 'Allow Any' in all windows. The 'FMI Filter' is set to 'Allow Any FMI' in all windows. The 'Set' and 'Abort' buttons are visible at the bottom of each window.

Top Left Window (Occurrence Mode: One):

- Occurrence Mode: One
- Set Occurrence Number: One
- Retrigger Hold-off (1-240 seconds): 60
- MID Filter: 128
- PID/SID Filter: PID (selected), Allow Any
- FMI Filter: ALL, Allow Any FMI

Top Right Window (Occurrence Mode: Two):

- Occurrence Mode: Two
- Set Occurrence Number: Two
- Retrigger Hold-off (1-240 seconds): 60
- MID Filter: 142
- PID/SID Filter: PID (selected), Allow Any
- FMI Filter: ALL, Allow Any FMI

Bottom Left Window (Occurrence Mode: Three):

- Occurrence Mode: Three
- Set Occurrence Number: Three
- Retrigger Hold-off (1-240 seconds): 60
- MID Filter: ALL, Allow Any MID
- PID/SID Filter: PID (selected), Allow Any
- FMI Filter: ALL, Allow Any FMI

Bottom Right Window (Occurrence Mode: Four):

- Occurrence Mode: Four
- Set Occurrence Number: Four
- Retrigger Hold-off (1-240 seconds): 60
- MID Filter: ALL, Allow Any MID
- PID/SID Filter: PID (selected), Allow Any
- FMI Filter: ALL, Allow Any FMI

3.2. Fault Reporter Data

Chassis Serial Number 012315
VIN 1M2AG11C54M012315
V-MAC Software Version 1MS379

FAULT DESCRIPTION

Controller	Engine ECU
Subsystem	Coolant Level Sensor
Fault Type	Voltage High Or Open Circuit
Blink Code	Blink Code: 1-7
Severity Code	ENGINE MAY SHUT DOWN

GENERAL INFO

Time/Date	2/8/2012 8:33:22 AM
Odometer (miles)	246790.6
Duration (s)	60
Vehicle Speed (mph)	0
Engine Speed (RPM)	0
Pedal Position (%)	0
Intake Manifold Temp. (°F)	79
Engine Coolant Temp. (°F)	91
Ambient Air Temp. (°F)	41.5
System Voltage (V)	12.25
% Engine Load (%)	0

SWITCH STATUS

Park Brake	Off
Service Brake	On
Engine Brake Low	On
Engine Brake High	Off
VJ1-14 Switch	Off
Fan Clutch Override	Off
VJ1-16 Switch	Off
Key Switch	On
Starter Input	Disengaged
PTO1 Switch	Off
PTO2 Switch	Off
Shutdown Override Switch	Off
Speed Control Switch	Off
Set/Decel	Off
Resume/Accel	Off
Clutch Pedal	Pushed
A/C Switch	On
Torque Limit	Off
EECU Spare 1	Off
EECU Spare 2	Off

SPEED CONTROL STATUS

Speed Control Status	Disabled
Set Mode Status	Inactive
Decel Mode Status	Inactive
Resume Mode Status	Inactive
Accel Mode Status	Inactive
Brake Mode Status	Active
Clutch Mode Status	Active
Cruise Status	Inactive

OCCURRENCES

Time/Date of 2nd Occ.	N/A
Time/Date of 3rd Occ.	N/A
Time/Date of 4th Occ.	N/A
Time/Date of 5th Occ.	N/A
Time/Date of 6th Occ.	N/A
Time/Date of 7th Occ.	N/A
Time/Date of 8th Occ.	N/A
Time/Date of 9th Occ.	N/A

Chassis Serial Number 012315
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FAULT DESCRIPTION

Controller	Vehicle ECU
Subsystem	Power Reset Without Key Switch
Fault Type	Special
Blink Code	Blink Code: 9-2
Severity Code	Service As Soon As Possible

GENERAL INFO

Time/Date	2/8/2012 8:33:15 AM
Odometer (miles)	246790.6
Duration (s)	60
Vehicle Speed (mph)	0
Engine Speed (RPM)	0
Pedal Position (%)	0
Intake Manifold Temp. (°F)	78
Engine Coolant Temp. (°F)	91
Ambient Air Temp. (°F)	41.3
System Voltage (V)	12.2
% Engine Load (%)	0

SWITCH STATUS

Park Brake	Off
Service Brake	On
Engine Brake Low	On
Engine Brake High	Off
VJ1-14 Switch	Off
Fan Clutch Override	Off
VJ1-16 Switch	Off
Key Switch	On
Starter Input	Disengaged
PTO1 Switch	Off
PTO2 Switch	Off
Shutdown Override Switch	Off
Speed Control Switch	Off
Set/Decel	Off
Resume/Accel	Off
Clutch Pedal	Pushed
A/C Switch	On
Torque Limit	Off
EECU Spare 1	Off
EECU Spare 2	Off

SPEED CONTROL STATUS

Speed Control Status	Disabled
Set Mode Status	Inactive
Decel Mode Status	Inactive
Resume Mode Status	Inactive
Accel Mode Status	Inactive
Brake Mode Status	Active
Clutch Mode Status	Active
Cruise Status	Inactive

OCCURRENCES

Time/Date of 2nd Occ.	N/A
Time/Date of 3rd Occ.	N/A
Time/Date of 4th Occ.	N/A
Time/Date of 5th Occ.	N/A
Time/Date of 6th Occ.	N/A
Time/Date of 7th Occ.	N/A
Time/Date of 8th Occ.	N/A
Time/Date of 9th Occ.	N/A

Chassis Serial Number 012315
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V-MAC Software Version 1MS379

FAULT DESCRIPTION

Controller	Brake System Power Unit
Subsystem	SID 251
Fault Type	FMI 4
Blink Code	Blink Code: N/A
Severity Code	

GENERAL INFO

Time/Date	2/8/2012 8:32:22 AM
Odometer (miles)	246790.6
Duration (s)	60
Vehicle Speed (mph)	0
Engine Speed (RPM)	0
Pedal Position (%)	0
Intake Manifold Temp. (°F)	89
Engine Coolant Temp. (°F)	91
Ambient Air Temp. (°F)	41.5
System Voltage (V)	9.6
% Engine Load (%)	0

SWITCH STATUS

Park Brake	Off
Service Brake	On
Engine Brake Low	On
Engine Brake High	Off
VJ1-14 Switch	Off
Fan Clutch Override	Off
VJ1-16 Switch	Off
Key Switch	On
Starter Input	Engaged
PTO1 Switch	Off
PTO2 Switch	Off
Shutdown Override Switch	Off
Speed Control Switch	Off
Set/Decel	Off
Resume/Accel	Off
Clutch Pedal	Pushed
A/C Switch	On
Torque Limit	Off
EECU Spare 1	Off
EECU Spare 2	Off

SPEED CONTROL STATUS

Speed Control Status	Disabled
Set Mode Status	Inactive
Decel Mode Status	Inactive
Resume Mode Status	Inactive
Accel Mode Status	Inactive
Brake Mode Status	Active
Clutch Mode Status	Active
Cruise Status	Inactive

OCCURRENCES

Time/Date of 2nd Occ.	N/A
Time/Date of 3rd Occ.	N/A
Time/Date of 4th Occ.	N/A
Time/Date of 5th Occ.	N/A
Time/Date of 6th Occ.	N/A
Time/Date of 7th Occ.	N/A
Time/Date of 8th Occ.	N/A
Time/Date of 9th Occ.	N/A

Chassis Serial Number 012315
VIN 1M2AG11C54M012315
V-MAC Software Version 1MS379

FAULT DESCRIPTION

Controller	Engine ECU
Subsystem	Coolant Level Sensor
Fault Type	Voltage High Or Open Circuit
Blink Code	Blink Code: 1-7
Severity Code	ENGINE MAY SHUT DOWN

GENERAL INFO

Time/Date	2/8/2012 8:29:10 AM
Odometer (miles)	246790.6
Duration (s)	60
Vehicle Speed (mph)	0
Engine Speed (RPM)	0
Pedal Position (%)	0
Intake Manifold Temp. (°F)	88
Engine Coolant Temp. (°F)	92
Ambient Air Temp. (°F)	41.3
System Voltage (V)	12.4
% Engine Load (%)	0

SWITCH STATUS

Park Brake	Off
Service Brake	On
Engine Brake Low	On
Engine Brake High	Off
VJ1-14 Switch	Off
Fan Clutch Override	Off
VJ1-16 Switch	Off
Key Switch	On
Starter Input	Disengaged
PTO1 Switch	Off
PTO2 Switch	Off
Shutdown Override Switch	Off
Speed Control Switch	Off
Set/Decel	Off
Resume/Accel	Off
Clutch Pedal	Not Pushed
A/C Switch	On
Torque Limit	Off
EECU Spare 1	Off
EECU Spare 2	Off

SPEED CONTROL STATUS

Speed Control Status	Disabled
Set Mode Status	Inactive
Decel Mode Status	Inactive
Resume Mode Status	Inactive
Accel Mode Status	Inactive
Brake Mode Status	Active
Clutch Mode Status	Inactive
Cruise Status	Inactive

OCCURRENCES

Time/Date of 2nd Occ.	N/A
Time/Date of 3rd Occ.	N/A
Time/Date of 4th Occ.	N/A
Time/Date of 5th Occ.	N/A
Time/Date of 6th Occ.	N/A
Time/Date of 7th Occ.	N/A
Time/Date of 8th Occ.	N/A
Time/Date of 9th Occ.	N/A