

V-MAC[®] III
Data Imaging Report
1M2AG11C54M012315
CV713 012315



*Approved Service Provider for Mack Trucks, Inc.

DELTA [v] Ref: E285

Reported by: _____

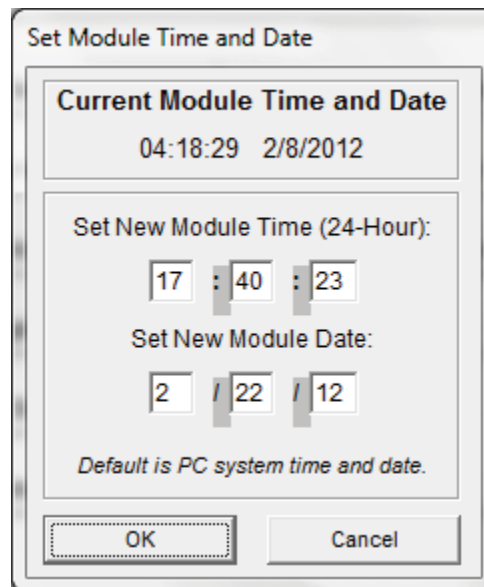
Compiled: Friday, February 24, 2012

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2. Module Time

2.1. Date & Time In Module at Time of Extraction*



The dialog box is titled "Set Module Time and Date". It contains two main sections. The first section, "Current Module Time and Date", displays "04:18:29 2/8/2012". The second section, "Set New Module Time (24-Hour):", has three input fields for hours, minutes, and seconds, with values "17", "40", and "23" respectively. Below this, the "Set New Module Date:" section has three input fields for month, day, and year, with values "2", "22", and "12" respectively. A note at the bottom states "Default is PC system time and date." At the bottom of the dialog are "OK" and "Cancel" buttons.

Current Module Time and Date	
04:18:29	2/8/2012

Set New Module Time (24-Hour):		
17	:	40
:	:	23

Set New Module Date:		
2	/	22
:	:	12

Default is PC system time and date.

OK Cancel

* The V-MAC module time and date that is displayed above should be decreased by 2 min 33 sec based on the time that elapsed between applying power to the module and imaging the system clock. The time is displayed in Coordinated Universal Time (GMT).

3. Mack Trucks, Inc: Mainframe Chassis Records

3.1. Corporate Chassis Record

3.1.1. Chassis by Model and Serial Number

CCRF0200 CORPORATE CHASSIS RECORD 02/22/12 1634
02 CHASSIS BY MODEL AND SERIAL NUMBER

GSO: 015758
MODEL: CV713
SERIAL NUMBER: 012315
VIN NUMBER: 1M2AG11C54M012315
LINE SET NUMBER: H031121006
CUSTOMER NAME: D J M REFUSE CO., IN
PLANT: M MACUNGIE
PLACEMENT DATE: 03/11/20
SHIPMENT DATE: 03/11/24
TRANSFER TO SALES: 03/11/24
BRANCH/DISTRIBUTOR: A375
CUSTOMER FICHE CODE: X SERIAL NUMBER: 0400400334

3.2. MWM - Mack Warranty Management System

3.2.1. Chassis Base Inquiry

MWMF4011 MACK WARRANTY MANAGEMENT DATE: 02/22/12 16:34
011 CHASSIS BASE INQUIRY

CHASSIS MODEL: CV713 SERIAL: 012315 VIN: 1M2AG11C54M012315

G S O NUMBER : 015758 ASSET NUMBER :
PLANT : 093 MACUNGIE
CURRENT OWNER : HERMAN'S TRUCKING, CO. LEASED: N
SELLING DEALER NAME : A375 TRENTON MACK SALES DBA O'SHEA TRUCK CTR.
WARRANTY APPLICATION : DC DOM. ON/OFF HIGH. - STD DUTY
EXTENDED WARRANTY : N SIQF.....: Y
HIGHEST MILEAGE : 182 M GE CONTROL...:
PLACEMENT DATE : 11/20/2003 SHIPMENT DATE: 11/24/2003
TRANSFER TO SALES : 11/24/2003 DELIVERY DATE: 12/30/2003
BILLING DATE : 11/24/2003 WARRANTY DATE: 02/26/2004
STOLEN DATE : 00/00/0000 SCRAPPED DATE: 00/00/0000
WARRANTY TRANSFER DATE: TRANSFER IND : N USED: N
CHASSIS BASE UPDATED : VMWP5100 DATE UPDATED : 10/08/2009

4. V-MAC Online

4.1. Vehicle Information Screen

Selected Vehicle			
Chassis Model:	CV713	Chassis Serial #:	012315 Select
VIN:	1M2AG11C54M012315		Select
Lineset:	H031121006		Select

Vehicle Type - V-MAC III			
General Vehicle Information			
Initial Pre-verification:	N	GSO:	015758
Transferred to Sales:	Y	Transferred to Sales Date:	11-7-2003
Reported Stolen:	N	Stolen Date:	N/A
Reported Scrapped:	N	Scrapped Date:	N/A
Product Version:	VECU Step 12B		
Transmission Information			
Transmission Model:	T310 10 SPEED	Transmission PID Code:	1361326
Transmission Type:	MN		
Vehicle Option Information			
Exhaust Pyrometer:	Y	Trans Oil Temp Sensor:	Y
Axle Oil Temp Sensor:	N	Fuel Level Sensor:	Y
Max Driveline Torque:	22000	GuardDog:	N
Predictive Oil Lamp:	N	MPG Incentive Program:	N
Electronic Dashboard:	Y		
Vehicle ECU Information Show Last Known			
VECU Serial #:	6300601130	VECU Purchase Part #:	<u>12MS411M10</u>
VECU Software:	<u>1MS379B 01 1</u>	VECU Hardware Part #:	12MS48M6
<i>Last Known:</i>	1MS379B 01 1		
VECU Datafile:	<u>1MS380B 01 1</u>	VECU Password:	1133550086
<i>Last Known:</i>	1MS380B 01 1		
CDS Datafile:	None	VECU Seed:	0000129410
VECU Verificaiton Received:	Y		
VIP ECU Information			
VIP not present on this vehicle			

Engine Type - V-MAC III			
General Engine Information			
Engine Serial #:	3V0786	Engine Model:	AI400
Certification Year:	2003	Assigned:	Y
Product Version:	EECU Step 9 IEGR	Engine Vendor:	Mack
Turbo Serial #:	J2703A832		
Engine Option Information			
Ambient Air Temp Sensor:	Yes	Manifold Pressure Sensor:	N
Engine Brake:	PowerLeash	Auxiliary Cooling Fan:	N
Electric Air Cleaner Scavenger:	N		
Engine ECU Information Show Last Known			
EECU Serial #:	74414287388.21	EECU Purchase Part #:	<u>12MS526M</u>
EECU Software:	<u>1MS363 01 1</u>	EECU Hardware Part #:	12MS413AM
<i>Last Known:</i>	1MS363 01 1		

EECU Datafile:	<u>1MS5142P7 01 3</u>	EECU Password:	7187851741
<i>Last Known:</i>	<i>1MS5142P7 01 3</i>		
EECU Verification Received:	Y	EECU Seed:	7441612759
Engine Trim Information			
RPM Adjustment 1:	1950	Trim Adjustment 1:	-1.5
RPM Adjustment 2:	1300	Trim Adjustment 2:	-3.8
Engine EUP Information			
EUP Serial 1:	M67JBPX	EUP Calibration Code 1:	5415
EUP Serial 2:	M67JBUB	EUP Calibration Code 2:	2575
EUP Serial 3:	M67JBKF	EUP Calibration Code 3:	1E85
EUP Serial 4:	M67JBWD	EUP Calibration Code 4:	5315
EUP Serial 5:	M67JBUY	EUP Calibration Code 5:	6C35
EUP Serial 6:	M67JBNE	EUP Calibration Code 6:	7A65

5. Service Diagnostics

5.1. Vehicle Data Log

VIN: 1M2AG11C54M012315

	Life	Vehicle Trip
	-----	-----
Vehicle Time (hr)	13063.2	3380.7
Total Fuel (gal.)	52581.9	14428.6
Distance (miles)	246790.6	64679.0
Engine Running Time (hr)	12959.8	3358.7
Engine Running Fuel (gal.)	52581.0	14428.4
Vehicle Moving Fuel (gal.)	48193.1	13247.3
Vehicle Moving Time (hr)	7750.9	2017.7
Idle Time (hr)	5208.1	1340.8
Idle Fuel (gal.)	4310.9	1156.7
Delayed Idle Time (hr)	2687.0	689.2
Delayed Idle Fuel (gal.)	2056.4	538.6
Hand Throttle Time (hr)	118.6	28.9
Hand Throttle Fuel (gal.)	95.4	22.2
Hand Throttle Distance (miles)	1.7	0.0
PTO #1 Time (hr)	0.0	0.0
PTO #1 Fuel (gal.)	0.0	0.0
Moving PTO #1 Distance (miles)	0.0	0.0
PTO #2 Time (hr)	0.0	0.0
PTO #2 Fuel (gal.)	0.0	0.0
Moving PTO #2 Distance (miles)	0.0	0.0
Time in Cruise Control (hr)	85.1	2.5
Fuel Used in Cruise Control (gal.)	652.9	23.7
Distance in Cruise Control (miles)	4519.8	158.1
Fueled Vehicle Overspeed Time (hr)	176.8	44.3
Vehicle Overspeed Occurrences	100	1
Vehicle Overspeed Time (min)	35.0	0.1
Vehicle Overspeed Max (mph)	78.6	70.5
Engine Overspeed Co. Threshold Time (hr)	0.6	0.2
Engine Overspeed Co. Threshold Max (rpm)	2349	2347
Fan Clutch Cycles	7688	1569
Active Fault Time (min)	1570.1	645.4
Active Fault Occurrences	671	116
Hard Braking Occurrences	597	231
Traction Loss Occurrences	31	29
Severe Engine Overspeed Occurrences	98	24
Severe Engine Overspeed Max (rpm)	2576	2521
Fueled Engine Overspeed Time (hr)	422.9	194.9
Maximum Engine Speed (rpm)	2606	2370
Maximum Vehicle Speed (mph)	79	71
Time in Sweet Spot (hr)	5591.1	1404.0
Fuel Used in Sweet Spot (gal.)	26501.4	7116.3
Distance Traveled in Sweet Spot (miles)	184834.0	46546.7
Average Driving Speed (mph)	31.8	32.1
Driving Fuel Economy (mpg)	5.1	4.9
% Driving Time	59.3	59.7
Average Speed (mph)	18.9	19.1

Total Fuel Economy (mpg)	4.7	4.5
Cruise Fuel Economy (mpg)	6.9	6.7
Average Cruise Speed (mph)	53.1	62.2
% Cruise Time	0.7	0.1
% Cruise Fuel	1.2	0.2
% Cruise Distance	1.8	0.2
% Time in Sweet Spot	42.8	41.5
% Fuel Used in Sweet Spot	50.4	49.3
% Distance Traveled in Sweet Spot	74.9	72.0
% Idle Time	39.9	39.7
% Idle Fuel	8.2	8.0
% Delayed Idle Time	20.6	20.4
% Delayed Idle Fuel	3.9	3.7
% PTO Time - All	0.0	0.0
% PTO Fuel - All	0.0	0.0

5.2. Maintenance Data Log

VIN: 1M2AG11C54M012315

	Before Next -----	Since Last -----
Oil Change		
Distance (miles)	0	0
Engine (hours)	0	0
Interval	0 days	0 days
Oil Change & Filter		
Distance (miles)	0	0
Engine (hours)	0	0
Interval	0 days	0 days
Fuel Filter		
Distance (miles)	0	0
Engine (hours)	0	0
Interval	0 days	0 days
Air Filter		
Distance (miles)	0	0
Engine (hours)	0	0
Interval	0 weeks	0 weeks
Engine Belts		
Distance (miles)	0	0
Engine (hours)	0	0
Interval	0 weeks	0 weeks
Coolant Conditioner		
Distance (miles)	0	0
Engine (hours)	0	0
Interval	0 days	0 days
Engine Coolant		
Distance (miles)	0	0
Engine (hours)	0	0
Interval	0 weeks	0 weeks
Clutch Lube		
Distance (miles)	0	0
Engine (hours)	0	0
Interval	0 weeks	0 weeks
Chassis Lube		
Distance (miles)	0	0
Engine (hours)	0	0
Interval	0 weeks	0 weeks
Power Steering		
Distance (miles)	0	0
Engine (hours)	0	0
Interval	0 weeks	0 weeks
Turbo/Injectors		
Distance (miles)	0	0
Engine (hours)	0	0
Interval	0 weeks	0 weeks
Gear Oil		
Distance (miles)	0	0
Engine (hours)	0	0
Interval	0 weeks	0 weeks
Fan Clutch		
Distance (miles)	0	0

Engine (hours)	0	0
Interval	0 weeks	0 weeks
Customer Defined		
Distance (miles)	0	0
Engine (hours)	0	0
Interval	0 weeks	0 weeks
Customer Defined		
Distance (miles)	0	0
Engine (hours)	0	0
Interval	0 weeks	0 weeks

6. Customer Data Programming

6.1. View/Print Current Parameters, All

Vehicle Data and Settings:

Serial Numbers:

Vehicle ID#:	1M2AG11C54M012315
Vehicle Serial #:	012315
Engine Serial #:	3V0786
V-MAC III Serial #:	6300601130
V-MAC Software Version:	1MS379B
Datafile Part #:	1MS380B

Data Programming History:

OEM Information:

B86C-6E5E	9/25/2009 4:29:15 PM
N/A	
N/A	
N/A	
N/A	

Customer Information:

Macungie	11/21/2003 6:43:49 PM
N/A	
N/A	
N/A	
N/A	

Vehicle Information:

DEFAULT	1/7/1994 9:36:49 AM
N/A	
N/A	
N/A	
N/A	

Fleet Information:

Macungie	11/21/2003 6:43:49 PM
N/A	
N/A	
N/A	
N/A	

Vehicle Data Settings:

Unit ID Number:

Manual Transmission Installed

Transmission Model:	T310	10 SPEED
Transmission Top Gear Ratio:		0.73
Carrier Ratio:		4.64
Tire Size:	471	revs/miles
Road Speed Pickup Teeth:	16	pulses/rev
Road Speed Limit:	65.0	mph
Low Gear RSL:	65	mph
Engine Load Threshold for no mph signal:	40	%
Failed mph sensor engine power limit:	50	%
Battery low voltage threshold:	10.5	volts
Alternator low voltage fault threshold:	11.5	volts
Alternator high voltage fault threshold:	16	volts
Cruise Button Bonus enabled:	NO	
Detect loss of signal from mph sensor:	YES	
Limit power if no signal from mph sensor:	YES	
Limit power if electrical fault from mph sensor:	YES	

Electronic Torque Limiting Parameters:

Customer Torque Limit:	2000 lb-ft
Customer Torque Limit Gear Ratio:	1
Torque Limit Ramp Up Time:	1 sec
Torque Limit with PTO:	YES
Enable Fault if Incorrect Gear Ratio:	YES

Engine Brake Parameters:

Engine Brake Engagement Delay in Cruise:	0 mph
Engine Brake Disengagement Delay in Cruise:	0 mph

General and Vocational Features Settings:

General Features:

Lower gear road speed limit option:	NO
Delay engine brake application in cruise:	YES
Low idle adjust with switches:	YES
Hold electrical power on until vehicle stopped:	NO
Enable sleep mode alert:	YES
Display mpg type:	Driving mpg
Engine overspeed fault threshold:	2350 rpm
Service brake fault threshold with engine:	5 mph
Enable Air Suspension Speed Interlock:	YES
Air Suspension Polarity:	NO
Air Suspension Active Dashboard Alert:	YES
Road Speed Limit when Air Suspension Active:	15 mph

Vocational Features:

Set/Resume switch state:	Set/Decel Resume/Accel
Inhibit cruise with PTO on:	NO
Single press of resume to accel:	NO
Initial set using resume switch:	NO
Driveshaft PTO2 option:	NO
Set/Resume fault diagnostic:	YES
PTO 3 switch setting:	Factory Setting (Default)
PTO 4 switch setting:	Factory Setting (Default)
Control 1 switch setting:	Factory Setting (Default)
Control 2 switch setting:	Factory Setting (Default)

Cruise Control Parameters:

Cruise Control Settings:

Custom cruise control:	NO
Cruise min road speed:	35 mph
Cruise max road speed:	65 mph
Accel bump speed:	1 mph
Decel bump speed:	1 mph

Electronic Hand Throttle Parameters:

Electronic Hand Throttle Settings:

Custom electronic hand throttle:	NO
Hand throttle min set speed:	475 rpm
Hand throttle max set speed:	2100 rpm
Hand throttle engine speed limit:	2100 rpm
Hand throttle max road speed:	10 mph
Throttle ramp rate:	100 rpm/sec

PTO Parameters:

PTO 1 Settings:

Custom PTO 1:	NO	Autoset:	NO
Jump to min speed:	NO	Dropout above max:	NO
Accel bump speed:	0 rpm	Decel bump speed:	0 rpm
Hold to nearest:	0 rpm	Accel ramp rate:	100 rpm/sec
Decel ramp rate:	100 rpm/sec	Minimum set speed:	475 rpm
Maximum set speed:	2100 rpm	Maximum road speed:	10 mph
Engine speed limit:	2100 rpm	Preset speed:	1000 rpm
Road Speed Limit:	100 mph	Hold minimum speed:	NO
Single speed control:	NO		
Park brake check for PTO:	NO		

Engagement Requirements:

Park Brake:	Ignore	Service Brake:	OFF Required
Clutch:	Ignore	PTO 2:	Ignore
PTO 3:	Ignore	PTO 4:	Ignore
Control 1:	Ignore	Control 2:	Ignore

Dropout Requirements:

Park Brake:	Ignore	Service Brake:	ON Required
Clutch:	Pedal Pushed	PTO 2:	Ignore
PTO 3:	Ignore	PTO 4:	Ignore
Control 1:	Ignore	Control 2:	Ignore

Temporary Dropout Requirements:

Park Brake:	Ignore	Service Brake:	Ignore
Clutch:	Ignore	PTO 2:	Ignore
PTO 3:	Ignore	PTO 4:	Ignore
Control 1:	Ignore	Control 2:	Ignore

PTO 2 Settings:

Custom PTO 2:	NO	Autoset:	NO
Jump to min speed:	NO	Dropout above max:	NO
Accel bump speed:	0 rpm	Decel bump speed:	0 rpm
Hold to nearest:	0 rpm	Accel ramp rate:	100 rpm/sec
Decel ramp rate:	100 rpm/sec	Minimum set speed:	475 rpm
Maximum set speed:	2100 rpm	Maximum road speed:	10 mph

Engine speed limit:	2100 rpm	Preset speed:	1000 rpm
Road Speed Limit:	100 mph	Hold minimum speed:	NO
Single speed control:	NO		
Park brake check for PTO:	NO		

Engagement Requirements:

Park Brake:	Ignore	Service Brake:	OFF Required
Clutch:	Ignore	PTO 1:	Ignore
PTO 3:	Ignore	PTO 4:	Ignore
Control 1:	Ignore	Control 2:	Ignore

Dropout Requirements:

Park Brake:	Ignore	Service Brake:	ON Required
Clutch:	Pedal Pushed	PTO 1:	Ignore
PTO 3:	Ignore	PTO 4:	Ignore
Control 1:	Ignore	Control 2:	Ignore

Temporary Dropout Requirements:

Park Brake:	Ignore	Service Brake:	Ignore
Clutch:	Ignore	PTO 1:	Ignore
PTO 3:	Ignore	PTO 4:	Ignore
Control 1:	Ignore	Control 2:	Ignore

PTO 3 Not Installed!

PTO 4 Not Installed!

Shutdown Parameters:

Shutdown Sensor Options:

Coolant temperature:	YES
Oil pressure:	YES
Coolant level:	NO
Transmission temperature	NO
Exhaust temperature:	NO
Idle Cooldown Feature Enabled:	NO

Idle Shutdown Settings:

Idle Shutdown:	NO
----------------	----

Fan Override Options (Cab Fan Controls):

Fan Override Options (Cab Fan Controls):

Allow fan override when moving:	NO
Allow fan override when parked:	NO
Engage fan with engine brake:	NO
Engage fan with PTO 1 on:	NO
Engage fan with PTO 2 on:	NO
Engage fan with PTO 3 on:	NO
Engage fan with PTO 4 on:	NO

Fleet Data Settings:

Theft Deterrence Features:

Demand driver ID to operate:	NO
Demand driver ID to continue running beyond 30 secs.:	NO
Driver ID length:	5
Number of ID attempts allowed:	3
Theft distance before shutdown:	1 miles
Theft distance remaining after shutdown lamp on:	1 miles
Theft time before shutdown:	5 mins
Mechanic % of power limit:	50 %
Mechanic road speed limit:	12 mph
% power limit before shutdown:	50 %
% power limit if no ID:	50 %

Display and Trip Parameters:

Vehicle display type:	NONE
Advance to next trip via display:	NO
Reset DataMax via V.I.P.:	NO
Reset driver trip via V.I.P.:	NO
Reset maintenance via V.I.P.:	NO
Display trip information on the V.I.P.:	NO
Enable Sweet Spot Indicator on the V.I.P.:	YES
VIP Programming Options:	NO OPTIONS
Request driver name at every startup:	NO
Blackout enabled:	NO
Fleet mpg target:	7 mpg
Data save mode:	Wrap around
Driver Incentive:	Disabled
Incentive-To-Base Hysteresis:	.1 mpg
Fleet Fuel Economy Penalty Threshold:	50 mpg
Penalty-To-Base Hysteresis:	.1 mpg
Incentive/Penalty Fuel Economy Sample Size:	24.99 miles
Maintenance reminder broadcast schedule: (GMT)	No times selected
Idle data type:	Total idle
Source of driver name for trip:	Use Theft Deterrence ID
Name length in list of drivers:	16
Engine overspeed company limit:	2150 rpm
Engine overspeed logging (severe):	2350 rpm
Engine overspeed logging with fuel:	1850 rpm
Vehicle overspeed logging with fuel:	65 mph
Vehicle overspeed all conditions:	70 mph
Idle logging delay:	2 mins
Hard braking threshold:	-8 mph/sec
Traction loss threshold:	8 mph/sec

Incident Log Filter and Trigger Settings:

Engine speed increase trigger threshold:	50 rpm
Engine speed decrease trigger threshold:	-50 rpm
Vehicle speed increase trigger threshold:	1 mph
Vehicle speed decrease trigger threshold:	-1 mph
Vehicle acceleration trigger:	10 mph/sec
Vehicle deceleration trigger:	-10 mph/sec

Trigger sample time:	100 msec
Recording rate:	200 msec
Engine speed filter:	6556 msec
Vehicle speed filter:	6556 msec

Incident Log Switches:

Service Brake
Park Brake
Clutch Pushed
Engine Brake Low Bank Engaged
Engine Brake High Bank Engaged
Cruise Control Status
Key Switch Status
No Switch Entry

Engine ECU Customer Data:

EECU Data Programming History:

OEM Information:

B86C-6E5E 9/25/2009 4:37:57 PM
F0A4-D875 1/5/2006 7:30:36 PM
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A

Customer Information:

Macungie 11/21/2003 6:44:50 PM
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A

Engine ECU Data:

1MS5142P7

EECU Serial Number:	
EECU Software Version:	1MS363
High idle engine speed:	2100 rpm
Smart fan installed:	NO
Engine sleep mode:	NO
Driveshaft PTO dropout threshold enabled:	NO
Fuel temperature sensor applied:	YES
Oil level sensor available:	NO
Engine brake installed:	YES
Exhaust brake installed:	NO
Output boost pressure on J1587:	NO
Oil temperature sensor available:	YES
A/C Installed:	YES

7. DataMax Incident Log Information

7.1. Logged Incident Table No. 1

VIN Number: 1M2AG11C54M012315
Vehicle Unit ID:
Data Source: Triggered Event Data
Imaging Date: Wed Feb 22 17:49:43 2012 (GMT) Coordinated Universal Time
Incident Date & Time: Thu Sep 17 18:57:53 2009 (GMT) Coordinated Universal Time
Mileage At Imaging: 246,844

TIME	BEFORE/AFTER	VS		RPM			SW1	SW2	SW3	SW4	SW5	SW6	SW7	SW8
-15.8	Sec before incident	55	MPH	2050	RPM		OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-15.6	Sec before incident	55	MPH	2050	RPM		OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-15.4	Sec before incident	55	MPH	2050	RPM		OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-15.2	Sec before incident	55	MPH	2050	RPM		OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-15	Sec before incident	55	MPH	2050	RPM		OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-14.8	Sec before incident	55	MPH	2050	RPM		OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-14.6	Sec before incident	55	MPH	2050	RPM		OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-14.4	Sec before incident	55	MPH	2040	RPM		OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-14.2	Sec before incident	55	MPH	2050	RPM		OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-14	Sec before incident	55	MPH	2050	RPM		OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-13.8	Sec before incident	55	MPH	2050	RPM		OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-13.6	Sec before incident	55	MPH	2050	RPM		OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-13.4	Sec before incident	55	MPH	2050	RPM		OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-13.2	Sec before incident	55	MPH	2050	RPM		OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-13	Sec before incident	55	MPH	2050	RPM		OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-12.8	Sec before incident	55	MPH	2050	RPM		OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-12.6	Sec before incident	55	MPH	2050	RPM		OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-12.4	Sec before incident	55	MPH	2050	RPM		OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-12.2	Sec before incident	55	MPH	2050	RPM		OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF

TIME	BEFORE/AFTER	VS	MPH	RPM		SW1	SW2	SW3	SW4	SW5	SW6	SW7	SW8
-12	Sec before incident	55	MPH	2060	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-11.8	Sec before incident	55	MPH	2050	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-11.6	Sec before incident	55	MPH	2050	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-11.4	Sec before incident	55	MPH	2050	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-11.2	Sec before incident	55	MPH	2050	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-11	Sec before incident	55	MPH	2050	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-10.8	Sec before incident	55	MPH	2050	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-10.6	Sec before incident	55	MPH	2050	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-10.4	Sec before incident	55	MPH	2050	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-10.2	Sec before incident	55	MPH	2050	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-10	Sec before incident	55	MPH	2050	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-9.8	Sec before incident	55	MPH	2050	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-9.6	Sec before incident	55	MPH	2050	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-9.4	Sec before incident	55	MPH	2050	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-9.2	Sec before incident	55	MPH	2040	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-9	Sec before incident	55	MPH	2040	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-8.8	Sec before incident	55	MPH	2040	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-8.6	Sec before incident	55	MPH	2040	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-8.4	Sec before incident	55	MPH	2050	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-8.2	Sec before incident	55	MPH	2040	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-8	Sec before incident	55	MPH	2040	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-7.8	Sec before incident	55	MPH	2040	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-7.6	Sec before incident	55	MPH	2040	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-7.4	Sec before incident	55	MPH	2040	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-7.2	Sec before incident	55	MPH	2040	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-7	Sec before incident	55	MPH	2040	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-6.8	Sec before incident	55	MPH	2050	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-6.6	Sec before incident	55	MPH	2050	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-6.4	Sec before incident	55	MPH	2040	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-6.2	Sec before incident	55	MPH	2040	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-6	Sec before incident	55	MPH	2040	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF

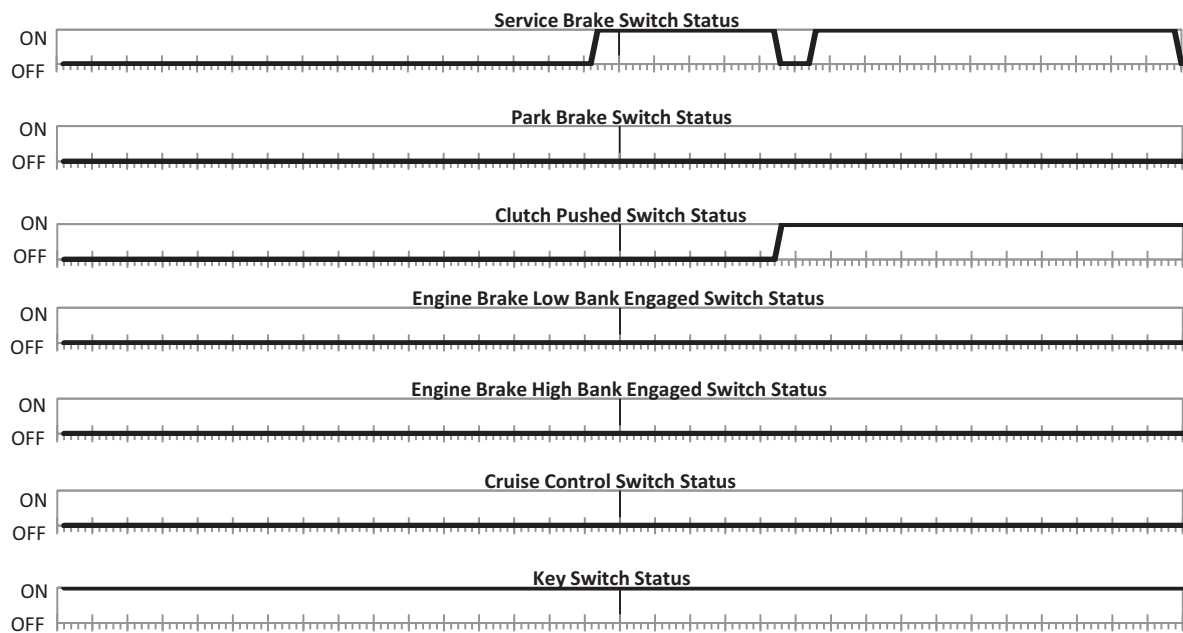
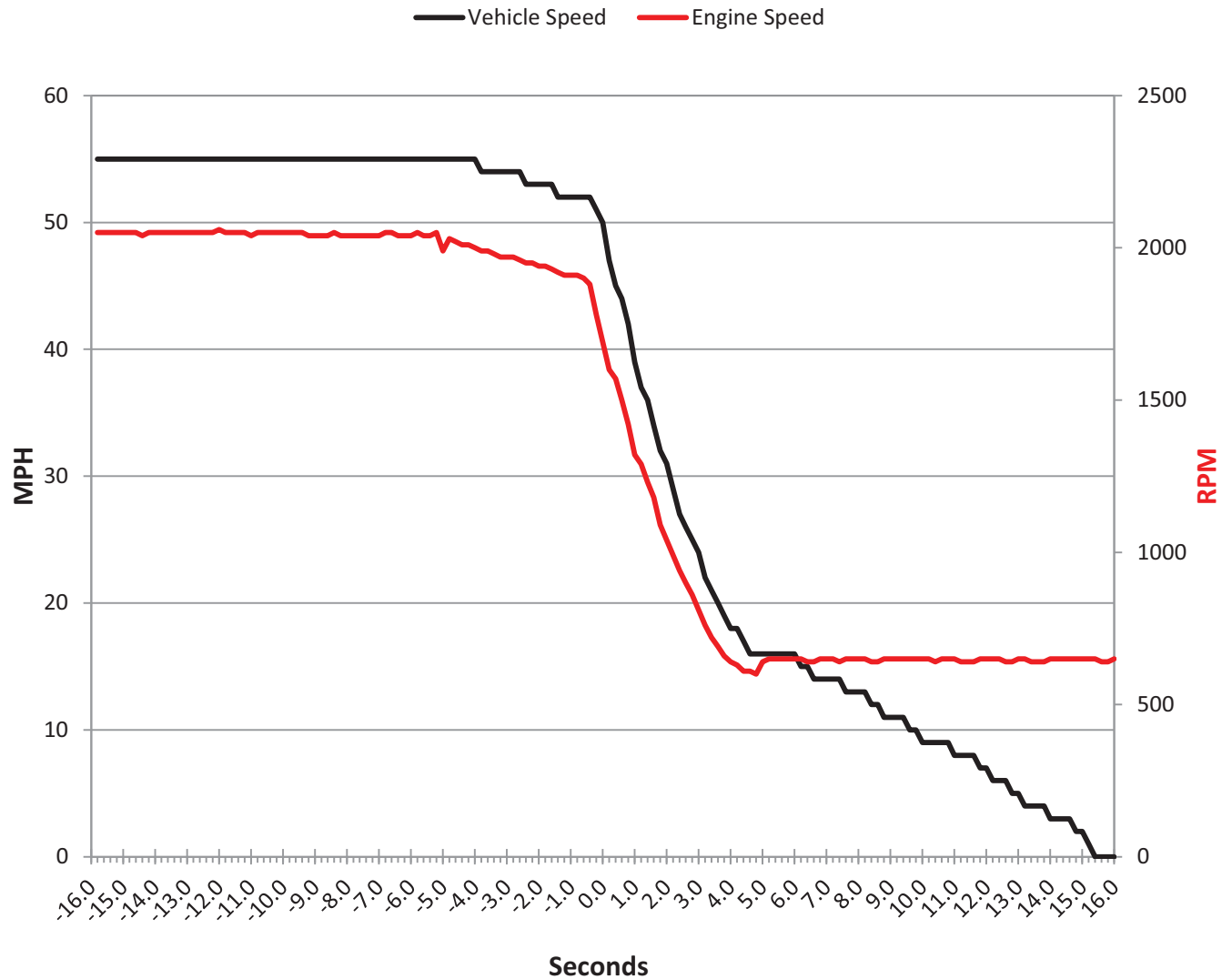
TIME	BEFORE/AFTER	VS	MPH	RPM		SW1	SW2	SW3	SW4	SW5	SW6	SW7	SW8
-5.8	Sec before incident	55	MPH	2050	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-5.6	Sec before incident	55	MPH	2040	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-5.4	Sec before incident	55	MPH	2040	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-5.2	Sec before incident	55	MPH	2050	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-5	Sec before incident	55	MPH	1990	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-4.8	Sec before incident	55	MPH	2030	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-4.6	Sec before incident	55	MPH	2020	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-4.4	Sec before incident	55	MPH	2010	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-4.2	Sec before incident	55	MPH	2010	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-4	Sec before incident	55	MPH	2000	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-3.8	Sec before incident	54	MPH	1990	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-3.6	Sec before incident	54	MPH	1990	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-3.4	Sec before incident	54	MPH	1980	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-3.2	Sec before incident	54	MPH	1970	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-3	Sec before incident	54	MPH	1970	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-2.8	Sec before incident	54	MPH	1970	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-2.6	Sec before incident	54	MPH	1960	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-2.4	Sec before incident	53	MPH	1950	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-2.2	Sec before incident	53	MPH	1950	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-2	Sec before incident	53	MPH	1940	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-1.8	Sec before incident	53	MPH	1940	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-1.6	Sec before incident	53	MPH	1930	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-1.4	Sec before incident	52	MPH	1920	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-1.2	Sec before incident	52	MPH	1910	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-1	Sec before incident	52	MPH	1910	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-0.8	Sec before incident	52	MPH	1910	RPM	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
-0.6	Sec before incident	52	MPH	1900	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
-0.4	Sec before incident	52	MPH	1880	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
-0.2	Sec before incident	51	MPH	1780	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
0	incident occurred	50	MPH	1690	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
0.2	Sec after incident	47	MPH	1600	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF

TIME	BEFORE/AFTER	VS	MPH	RPM		SW1	SW2	SW3	SW4	SW5	SW6	SW7	SW8
0.4	Sec after incident	45	MPH	1570	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
0.6	Sec after incident	44	MPH	1500	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
0.8	Sec after incident	42	MPH	1420	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
1	Sec after incident	39	MPH	1320	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
1.2	Sec after incident	37	MPH	1290	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
1.4	Sec after incident	36	MPH	1230	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
1.6	Sec after incident	34	MPH	1180	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
1.8	Sec after incident	32	MPH	1090	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
2	Sec after incident	31	MPH	1040	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
2.2	Sec after incident	29	MPH	990	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
2.4	Sec after incident	27	MPH	940	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
2.6	Sec after incident	26	MPH	900	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
2.8	Sec after incident	25	MPH	860	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
3	Sec after incident	24	MPH	810	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
3.2	Sec after incident	22	MPH	760	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
3.4	Sec after incident	21	MPH	720	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
3.6	Sec after incident	20	MPH	690	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
3.8	Sec after incident	19	MPH	660	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
4	Sec after incident	18	MPH	640	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
4.2	Sec after incident	18	MPH	630	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
4.4	Sec after incident	17	MPH	610	RPM	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
4.6	Sec after incident	16	MPH	610	RPM	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
4.8	Sec after incident	16	MPH	600	RPM	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
5	Sec after incident	16	MPH	640	RPM	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
5.2	Sec after incident	16	MPH	650	RPM	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
5.4	Sec after incident	16	MPH	650	RPM	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF
5.6	Sec after incident	16	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
5.8	Sec after incident	16	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
6	Sec after incident	16	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
6.2	Sec after incident	15	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
6.4	Sec after incident	15	MPH	640	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF

TIME	BEFORE/AFTER	VS	MPH	RPM		SW1	SW2	SW3	SW4	SW5	SW6	SW7	SW8
6.6	Sec after incident	14	MPH	640	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
6.8	Sec after incident	14	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
7	Sec after incident	14	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
7.2	Sec after incident	14	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
7.4	Sec after incident	14	MPH	640	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
7.6	Sec after incident	13	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
7.8	Sec after incident	13	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
8	Sec after incident	13	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
8.2	Sec after incident	13	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
8.4	Sec after incident	12	MPH	640	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
8.6	Sec after incident	12	MPH	640	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
8.8	Sec after incident	11	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
9	Sec after incident	11	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
9.2	Sec after incident	11	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
9.4	Sec after incident	11	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
9.6	Sec after incident	10	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
9.8	Sec after incident	10	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
10	Sec after incident	9	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
10.2	Sec after incident	9	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
10.4	Sec after incident	9	MPH	640	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
10.6	Sec after incident	9	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
10.8	Sec after incident	9	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
11	Sec after incident	8	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
11.2	Sec after incident	8	MPH	640	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
11.4	Sec after incident	8	MPH	640	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
11.6	Sec after incident	8	MPH	640	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
11.8	Sec after incident	7	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
12	Sec after incident	7	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
12.2	Sec after incident	6	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
12.4	Sec after incident	6	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
12.6	Sec after incident	6	MPH	640	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF

TIME	BEFORE/AFTER	VS		RPM		SW1	SW2	SW3	SW4	SW5	SW6	SW7	SW8
12.8	Sec after incident	5	MPH	640	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
13	Sec after incident	5	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
13.2	Sec after incident	4	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
13.4	Sec after incident	4	MPH	640	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
13.6	Sec after incident	4	MPH	640	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
13.8	Sec after incident	4	MPH	640	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
14	Sec after incident	3	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
14.2	Sec after incident	3	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
14.4	Sec after incident	3	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
14.6	Sec after incident	3	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
14.8	Sec after incident	2	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
15	Sec after incident	2	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
15.2	Sec after incident	1	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
15.4	Sec after incident	0	MPH	650	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
15.6	Sec after incident	0	MPH	640	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
15.8	Sec after incident	0	MPH	640	RPM	ON	OFF	ON	OFF	OFF	OFF	ON	OFF
16	Sec after incident	0	MPH	650	RPM	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF

7.2. Logged Incident Chart No. 1



7.3. Logged Incident Table No. 2

Logged Incident Record No. 2 in the V-MAC III Vehicle ECU (VECU) from this truck, bearing VIN 1M2AG11C54M012315, should be a Last Stop Record.

The extraction process did not yield any data from the VECU memory registers for Incident Log Number 2 (last stop). This may be an indication of a power interruption or that after coming to a stop, the park brake was not applied before turning off the ignition key.