Download File: 113A1336.D01

Application Name:	**MERS_HI**			
Unit Number:	**1336**	**Laptop Time:**	**2023/11/01 10:08:00**	
Recording Start:	**2023/10/13 00:01:56**	**Download Time:**	**2023/11/01 10:08:03**	
Recording Stop:	**2023/11/01 10:08:02**	**Prev. Download:**	**2023/09/28 10:14:42**	

Recorder Type:	**ERS**	**2 Freq, 16 Analog,**	
Firmware Version:	**4.67**	**48 Digital Channels**	
Flexware Version:	**2.21**	**8 MB Flash Memory**	
Download Version:	**1.61**	**Vigilance: Installed**	
Serial Number:	**071125**	**WinDNLD Download**	

Processor Module:	**2.21**		**Freq. Channels:**	**SPD**	**F02**
Freq & ID:	**0.90**		**Wheel Diameter (in.):**	**33.9**	**33.6**
Analog Module 1:	**1.60**		**Pulses/Revolution:**	**383**	**383**
PWM	**0.10**		**Event Threshold:**	**1**	**1**

Analog Channels:	**BCP**	**EPP**	**A03**	**HLV**	**BTV**	**A06**	**TMC**	**A08**
Max. Input (V):	**10**	**10**	**10**	**100**	**100**	**100**	**20**	**20**
Max. Sensor (V):	**10.0**	**10.0**	**10.0**	**100.0**	**100.0**	**100.0**	**20.0**	**20.0**
Sensor Offset (V):	**1.7**	**1.7**	**1.7**	**-0.4**	**-0.1**	**0.1**	**0.2**	**-0.0**
Sensor Full Scale (EU):	**244**	**244**	**238**	**115**	**116**	**116**	**2336**	**4469**
Event Threshold (EU):	**2**	**2**	**2**	**5**	**5**	**104**	**5**	**4**

Analog Channels:	**PWM**	**A10**	**A11**	**A12**	**A13**	**A14**	**A15**	**A16**
Max. Input (V):	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
Max. Sensor (V):	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Sensor Offset (V):	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Sensor Full Scale (EU):	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
Event Threshold (EU):	**2**	**2**	**2**	**100**	**100**	**100**	**100**	**100**

Odometer (miles):   **262501.8**
Odo. Set Time: **1996/01/01 00:02:52**

F01, SPD, Spd of Highliner F1 F02, F02, Spd of Highliner F2 (mph)

A01, BCP, Brake Cylinder Pres A02, EPP, Emergency Pipe Pr A03, A03, Spare Pressure Cha A04, HLV, Headlight Voltage   A05, BTV, Battery Voltage
A06, A06, Spare Analog Chanr A07, TMC, Traction Motor Curr A08, A08, Spare Analog Chanr A09, PWM, Accel. & Brake Co A10, A10, Spare
A11, A11, Spare   A12, A12, Spare   A13, A13, Spare   A14, A14, Spare   A15, A15, Spare
A16, A16, Spare

D01, ZSP, Zero Speed   D02, DIB, Door Interlock Bypas D03, ZSB, Zero Speed Bypass D04, D04, Spare Digital Input D05, PWR, Power Trainline
D06, DOR, Door Closed Indica D07, TRL, This Cab Trailing   D08, PBK, Parking Brake   D09, D09, Spare Digital Input D10, FWD, Forward
D11, REV, Reverse   D12, SNW, Snow Brake   D13, BPD, Bridge Plate Deploy D14, D14, Spare Digital Input D15, RST, Manual Alerter Reset
D16, HRN, Horn   D17, WHE, Wheel Slip   D18, REL, Brakes Released   D19, MCE, Master Control Ena D20, D20, Spare Digital Input
D21, BEL, Bell   D22, PEN, No Alerter Penalty D23, OVR, ERS TMS Override D24, BTE, Bench Test Enable D25, D25, Spare Digital Input
D26, D26, Spare Digital Input D27, D27, Spare Digital Input D28, D28, Spare Digital Input D29, DLC, Ditch Light Switch C D30, DLF, Ditch Light Switch Flash
D31, DLA, Ditch Light Switch A D32, HFP, Horn Foot Pedal   D33, D33, Spare Digital Input D34, OSP, Overspeed   D35, D35, Spare Digital Input
D36, D36, Spare Digital Input D37, VEN, ERS- Vigilance Ena D38, VAL, ERS- Vigilance Alar D39, VPE, ERS- Vigilance Pen D40, D40, Digital 40
D41, D41, Digital 41   D42, D42, Digital 42   D43, D43, Digital 43   D44, D44, Digital 44   D45, D45, Digital 45

D46, FLT, ERS- System Fault D47, MGV, ERS- MGV Output D48, PFT, ERS- Penalty due to Faul