## Sales & Service Bulletin



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### **MAN® Data Logger** Possible Problems with ALL-IN-ONE Data Connection after Update



This Sales & Service Bulletin replaces the technical information 2015/11 from March 13, 2015 on this issue. We would like to inform you on possible effects when updating the data logger on the MAN<sup>®</sup> E26 and E32 series.

Due to updating of the MAN data logger to firmware version 2.0, loss of data for oil and coolant temperature can occur during communication with the ALL-IN-ONE.

This may affect both existing systems when a respective update is carried out as well as new systems that are supplied with firmware version 2.0.

We are working on an update of the current ECU list 5.9 which will solve the problem.

Until then, install the file *ManLoggerPatch\_v1.0.iwe* as described on page 2 if this problem occurs. Note that after this step you may only work with MAN data loggers carrying firmware version 2.0 or higher. If you need to work again with MAN data loggers up to firmware version 1.9, install the file *ECU\_List-5.9.0.1.iwe* as described on page 3. This procedure overwrites the patch.

In case of further questions or problems, please contact technical support at:

Phone: +49 5141 9399 222 Email: service@motortech.de

PLEASE NOTE! AN UPDATE IS ONLY NEEDED IF A PROBLEM WITH THE CONNECTION OCCURS.



Groups	Name	Value	Dimension	
Engine values	ECU BIN1	00000000		
Gener values	ECU BIN2	00000000		
Mains values	ECU BOUT1	00000000		
Sync/Load ctrl	ECU BOUT2	00000000		
Volt/PF ctrl	ExhaustTmpA	*****	°C	
Force value	ExhaustTmpB	*****	•c	
Load shedding	CooWater	*****	°C	
Analog CU	Boost Temp	*****	<b>.</b> С	
Bin inputs CU	Oil Press A	*****	bar	
Bin outputs CU	Boost Press	*****	kPa	
Log Bout	Oil Temp A	*****	°C	
Info	Oil Temp B	*****	°C	
Statistics	Oil Press B	*****	bar	
ECU	CoofWater2	*****	*C	
	ECU-AN 11	*****	-	
	ECU-AIN 12	*****	-	

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### **Installing MAN Data Logger Patch**

Proceed as follows, if this problem occurs with the MAN data logger carrying firmware version 2.0 and ECU list 5.9. Note that you cannot use this patch with MAN data loggers firmware version 1.9 or below.

- 1 Download the IWE file at the following link: <u>http://www.motortech.de/fileadmin/download/</u> <u>ManLoggerPatch\_v1.0.iwe</u>
- (2) Double-click the file *ManLoggerPatch\_v1.0.iwe*.
- 3 Make sure that the option *Overwrite older files only* is selected and confirm with *OK*.

ComAp Firmware Import [1.6.1]			
Import file:			
C:\Temp\ManLoggerPatch_v1.0.iwe			
🗄 - 🗹 🖿 ECU databases			
Overwrite all files			
<ul> <li>Overwrite older files only (RECOMMENDED)</li> </ul>			
Confirm overwriting each file			
Check all 🖁 Uncheck all 🗸 OK 🗶 Cancel			

- Open InteliMonitor and establish a connection to the controller.
- (5) Go to menu item *Tools* and open GenConfig.

Connection	Monitor	Tool	s Settings	Window	Help				
当 🙀	8 1	ő.	GenConfig	Ctrl+0	•	[14]	-	1.0	
		5	PLC Monito	r .					
		2	Line Diagram	m Editor					
			Read dongh	e Ctrl+U					

(6) In case you get an error message, confirm it with OK.

### (7) Via Options, select the entry ESL files.

File [	Options Tools Help		
lod.	Settings Select connection		Interv   User Sensors   Lancuages   Translator   PLC Editor   Screen Editor   U
() () () () () () () () () () () () () () () (	Overwrite setpoints     Clear History     Reset from Init state		Available modules
8.1	Save history to archive Check consistency before save archive	•	
	Import firmware Dictionaries		

(8) Select *ManLoggerPatch v1.0.esl* and confirm with *OK*.

Select ESL file					
ESL file name	Version	Selected			
ECU list - Allspeed.esl	5.9	0			
ECU list - InteliLite.esl	5.9	0			
ECU list - InteliNano.esl	1.5	0			
ECU list - Mobile.esl	5.9	0			
ECU list - Motortech.esl	1.1	0			
ManLoggerPatch v1.0.esl	1.0	$\odot$			
	🗸 ок	X Cancel			

- Close GenConfig and re-open GenConfig via InteliMonitor as described in Step 5 and 6.
- (10) Remove the previous ECU *Logger Controller Data* and then add ECU *ManLoggerPatch*.

	Configured modules	
Add modules to history automatically when inserted	Controller IS-NTC-68 ECU ECU ManLoggerPatch	

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### **Installing ECU List 5.9**

Proceed as follows, if you need to work again with MAN data loggers carrying firmware version 1.9 or below after having applied the patch. This procedure overwrites the patch. Note that you cannot use MAN data loggers with firmware version 2.0 or above after that.

- 1 Download the IWE file at the following link: <u>http://www.motortech.de/fileadmin/download/</u> ECU\_List-5.9.0.1.iwe
- (2) Double-click the file *ECU\_List-5.9.0.1.iwe*.
- 3 Make sure that the option *Overwrite all files* is selected and confirm with *OK*.

ComAp Firmware Import [1.6.1]				
Import file:				
C:\Temp\ECU_List-5.9.0.1.iwe				
🔁 🗹 🗅 Databases				
Overwrite all files				
Overwrite older files only (RECOMMENDED)				
Confirm overwriting each file				
🗳 Check all 📲 Uncheck all 🗸 OK 🗶 Cancel				

- Open InteliMonitor and establish a connection to the controller.
- (5) Go to menu item *Tools* and open GenConfig.
- (6) In case you get an error message, confirm it with OK.
- (7) Via Options, select the entry ESL files.

8 Depending on your configuration, select ECU list – Allspeed.esl or ECU list – Mobile.esl and confirm with OK.

Select ESL file			
ESL file name	Version	Selected	
ECU list - Allspeed.esl	5.9	$\odot$	
ECU list - DriveNano.esl	1.5	$\bigcirc$	
ECU list - Gensets.esl	5.9	0	
ECU list - InteliLite.esl	5.9	0	
ECU list - InteliNano.esl	1.5	0	
ECU list - Mobile.esl	5.9	$\odot$	
ECU list - Motortech.esl	1.1	0	
ManLoggerPatch v1.0.esl	1.0	0	
	🗸 ок	X Cancel	

- 9 Close GenConfig and re-open GenConfig via InteliMonitor as described in Step 5 and 6.
- You can now work again with MAN data loggers carrying firmware version 1.9 or below using the ECU Logger Controller Data.

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