

FMC003 Teltonika Data Sending Parameters ID

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Document updated according firmware FMB.Ver.03.29.00 and newer.

FMB AVL ID's consist of these **parameters groups**:

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Permanent I/O elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range		Multiplier	Units	Description	HW Support	Parameter Group
				Min	Max					
239	Ignition	1	Unsigned	0	1	-	-	0 - Ignition Off 1 - Ignition On	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU125 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O Elements

240	Movement	1	Unsigned	0	1	-	-	0 - Movement Off 1 - Movement On	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU125 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O elements
80	Data Mode	1	Unsigned	0	5	-	-	0 - Home On Stop 1 - Home On Moving 2 - Roaming On Stop 3 - Roaming On Moving 4 - Unknown On Stop 5 - Unknown On Moving	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O Elements

21	GSM Signal	1	Unsigned	0	5	-	-	Value in range 1-5	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O Elements
200	Sleep Mode	1	Unsigned	0	4	-	-	0 - No Sleep 1 - GPS Sleep 2 - Deep Sleep 3 - Online Sleep 4 - Ultra Sleep	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O Elements

69	GNSS Status	1	Unsigned	0	3	-	-	0 - GNSS OFF 1 - GNSS ON with fix 2 - GNSS ON without fix 3 - GNSS sleep	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O Elements
181	GNSS PDOP	2	Unsigned	0	500	0.1		Coefficient, calculation formula	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O Elements

										FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 EMC800 FMM80 0 FMM80 A FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU125 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 EMC800 FMM80 0 FMM80 A	Permanent I/O Elements
182	GNSS HDOP	2	Unsigned	0	500	0.1		Coefficient, calculation formula			
66	External Voltage	2	Unsigned	0	65535	0.001	V	Voltage		Permanent I/O elements	

										FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	
24	Speed	2	Unsigned	0	350	-	km/h	GNSS Speed		Permanent I/O elements	
										FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	
205	GSM Cell ID	2	Unsigned	0	65535	-	-	GSM base station ID		Permanent I/O elements	

206	GSM Area Code	2	Unsigned	0	65535	-	-	Location Area code (LAC), it depends on GSM operator. It provides unique number which assigned to a set of base GSM stations.	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 EMC800 FMM80 0 FMM80 A	Permanent I/O elements
67	Battery Voltage	2	Unsigned	0	65535	0.001	V	Voltage	FMBXXX FMB001 FMC001 FMB010 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 EMC800 FMM80 0 FMM80 A	Permanent I/O elements

68	Battery Current	2	Unsigned	0	65535	0.001	A	Current	FMBXXX FMB001 FMC001 FMB010 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMC800 FMM80 0 FMM80 A	Permanent I/O elements
241	Active GSM Operator	4	Unsigned	0	42949 67295	-	-	Currently used GSM Operator code	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O elements

										FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 EMC800 FMM80 0 FMM80 A	
199	Trip Odometer	4	Unsigned	0	21474 83647	-	m	Trip Odometer value		Permanent I/O elements	
										FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 EMC800 FMM80 0 FMM80 A	
16	Total Odometer	4	Unsigned	0	21474 83647	-	-	Total Odometer value in meters		Permanent I/O elements	

											FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 MTB100	
1	Digital Input 1	1	Unsigned	0	1	-	-	Logic: 0/1			Permanent I/O elements	
											FMBXXX FMB001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 MTB100	
9	Analog Input 1	2	Unsigned	0	65535	0.001	V	Voltage			Permanent I/O elements	
											FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 MTB100	
											FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 MTB100	
179	Digital Output 1	1	Unsigned	0	1	-	-	Logic: 0/1			Permanent I/O elements	
											FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 MTB100	

										FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM80 0 FMM80 A FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM80 0 FMM80 A	
12	Fuel Used GPS	4	Unsigned	0	42949 67295	0.001	1	Fuel Used		Permanent I/O elements	
13	Fuel Rate GPS	2	Unsigned	0	32767	0.01	1/100k m	Average Fuel Use		Permanent I/O elements	

										FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O elements
17	Axis X	2	Signed	-8000	8000	-	mG	X axis value			
18	Axis Y	2	Signed	-8000	8000	-	mG	Y axis value			

										FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM15 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM80 0 FMM80 A	Permanent I/O elements
19	Axis Z	2	Signed	-8000	8000	-	mG	Z axis value			
11	ICCID1	8	Unsigned	0	0xffffffff	-	-	Value of SIM ICCID, MSB			

10	SD Status	1	Unsigned	0	1	-	-	0 - not present 1 - present	FMBXXX FMB001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 FMBXXX FMB900 FMB910 FMB920 FMC920 FMM92 0 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB150 FMC150 FMM15 0 FMB202 FMB204 FMB206 FMB640 FMBXXX FMB110 FMB120 FMB122 FMB140 FMB150 FMC150 FMM15 0 FMB202 FMB204 FMB206 FMB640 FMBXXX FMB110 FMB120 FMB122 FMB130 FMU130 FMC130 FMM13 0 FMB140	Permanent I/O elements
2	Digital Input 2	1	Unsigned	0	1	-	-	Logic: 0/1	FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB150 FMC150 FMM15 0 FMB202 FMB204 FMB206 FMB640 FMBXXX FMB110 FMB120 FMB122 FMB140 FMB150 FMC150 FMM15 0 FMB202 FMB204 FMB206 FMB640 FMBXXX FMB110 FMB120 FMB122 FMB140 FMB150 FMC150 FMM15 0 FMB202 FMB204 FMB206 FMB640 FMBXXX FMB110 FMB120 FMB122 FMB130 FMU130 FMC130 FMM13 0 FMB140	Permanent I/O elements
3	Digital Input 3	1	Unsigned	0	1	-	-	Logic: 0/1	FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB150 FMC150 FMM15 0 FMB202 FMB204 FMB206 FMB640 FMBXXX FMB110 FMB120 FMB122 FMB140 FMB150 FMC150 FMM15 0 FMB202 FMB204 FMB206 FMB640 FMBXXX FMB110 FMB120 FMB122 FMB140 FMB150 FMC150 FMM15 0 FMB202 FMB204 FMB206 FMB640 FMBXXX FMB110 FMB120 FMB122 FMB130 FMU130 FMC130 FMM13 0 FMB140	Permanent I/O elements
6	Analog Input 2	2	Unsigned	0	65535	0.001	V	Voltage	FMM12 5 FMB130 FMU130 FMC130 FMM13 0 FMB140	Permanent I/O elements

180	Digital Output 2	1	Unsigned	0	1	-	-	Logic 0/1	FMBXXX FMB110 FMB120 FMB122 FMB130 FMU130 FMC130 FMM13 0 FMB140 FMB150 FMC150 FMM15 0 FMB202 FMB204 FMB206	Permanent I/O elements
72	Dallas Temperature 1	4	Signed	-550	1150	0.1	°C	Degrees (°C), -55 - +115, if 850 - Sensor not ready if 2000 - Value read error if 3000 - Not connected if 4000 - ID failed if 5000 - same as 850	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 FMC130 FMM13 0 FMB202 FMB204 FMB206	Permanent I/O elements
73	Dallas Temperature 2	4	Signed	-550	1150	0.1	°C	Degrees (°C), -55 - +115, if 850 - Sensor not ready if 2000 - Value read error if 3000 - Not connected if 4000 - ID failed if 5000 - same as 850	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 FMC130 FMM13 0 FMB202 FMB204 FMB206	Permanent I/O elements
74	Dallas Temperature 3	4	Signed	-550	1150	0.1	°C	Degrees (°C), -55 - +115, if 850 - Sensor not ready if 2000 - Value read error if 3000 - Not connected if 4000 - ID failed if 5000 - same as 850	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 FMC130 FMM13 0 FMB202 FMB204 FMB206	Permanent I/O elements

75	Dallas Temperature 4	4	Signed	-550	1150	0.1	°C	Degrees (°C), -55 - +115, if 850 - Sensor not ready if 2000 - Value read error if 3000 - Not connected if 4000 - ID failed if 5000 - same as 850	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 EMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 EMC130 FMM13 0 FMB202 FMB204 FMB206	Permanent I/O elements
76	Dallas Temperature ID 1	8	Unsigned	0	0xffffffff	-	-	Dallas sensor ID	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 EMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 EMC130 FMM13 0 FMB202 FMB204 FMB206	Permanent I/O elements
77	Dallas Temperature ID 2	8	Unsigned	0	0xffffffff	-	-	Dallas sensor ID	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 EMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 EMC130 FMM13 0 FMB202 FMB204 FMB206	Permanent I/O elements
79	Dallas Temperature ID 3	8	Unsigned	0	0xffffffff	-	-	Dallas sensor ID	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 EMC125 FMM12 5 FMB130 FMB140 FMB150 FMC150 FMM15 0 FMU130 EMC130 FMM13 0 FMB202 FMB204 FMB206	Permanent I/O elements

212	LLS 4 Fuel Level	2	Signed	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS485	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
213	LLS 4 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS485	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
214	LLS 5 Fuel Level	2	Signed	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS485	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
215	LLS 5 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS485	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
15	Eco Score	2	Unsigned	0	65535	0.01	-	Average amount of events on some distance	FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 5 FMB130 FMU130 FMC130 FMM130 0 FMB140 FMB150 FMC150 FMM150 0 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM800 0 FMM800 A FMBXXX FMB001 FMC001 FMB010 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM150 0	Permanent I/O elements
113	Battery Level	1	Unsigned	0	100	-	%	Battery capacity level	0 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM800 0 FMM800 A	Permanent I/O elements

										FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130	
303	Instant Movement	1	Unsigned	0	1	-	-	Logic: 0/1 returns movement value		FMM130 FMM130 FMM130 FMM130	Permanent I/O elements
327	UL202-02 Sensor Fuel level	2	Signed	-150	32767	0.1	mm	UL202-02 Sensor Fuel level		FMB140 FMB150 FMC150 FMM150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
483	UL202-02 Sensor Status	1	Unsigned	0	255	-	-	UL202-02 sensor status codes		FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
380	Digital output 3	1	Unsigned	0	1	-	-	Logic: 0/1		FMBXXX FMB130 FMU130 FMC130 FMC150 FMM130 FMM130	Permanent I/O elements
381	Ground Sense	1	Unsigned	0	1	-	-	Logic: 0/1		FMB130 FMU130 FMC130 FMM130 FMM130 FMB140	Permanent I/O elements

329	AIN Speed	2	Unsigned	0	65535	-	-		MSP500	Permanent I/O elements
500	MSP500 vendor name	40	ASCII	0	40	-	-	Name of the integrator who installed the device	MSP500	Permanent I/O elements
501	MSP500 vehicle number	40	ASCII	0	40	-	-	Vehicle number on which the device is installed	MSP500	Permanent I/O elements
502	MSP500 speed sensor	1	unsigned	0	1	-	-	Status of the speed sensor	MSP500	Permanent I/O elements
637	Wake Reason	1	Unsigned	0	1	-	-	True if device was woken by RTC alarm	FMB965	Permanent I/O elements
									FMBXXX	
									[Expand]	
									FMB001	
									FMB010	
									FMB100	
									FMB110	
									FMB120	
									FMB122	
									FMB125	
									FMB130	
									FMB900	
									FMB920	
									FMB962	
									FMB964	
									FM3001	
									FM3010	
									FMB202	
									FMB204	
									FMB206	
									FMB207	
									FMT100	
									MTB100	
10800	EYE Temperature 1	2	Signed	-32768	32767	0.01	°C	Temperature measured by EYE Sensor 1	TMT250	Permanent I/O elements
									GH5200	
									FMB140	
									FMB020	
									FMB002	
									FMB003	
									FMU120	
									FMU122	
									FMU125	
									FMU126	
									FMU130	
									FMC120	
									FMC122	
									FMC125	
									FMC130	
									FMM12	
									5	
									FMM13	
									0	
									FMC001	
									FMM00	
									1	
									TFT100	
									FMB910	

10801 EYE Temperature 2 2 Signed -32768 32767 0.01 °C Temperature measured by EYE Sensor 2

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Permanent I/O
elements

10802 EYE Temperature 3 2 Signed -32768 32767 0.01 °C Temperature measured by EYE Sensor 3

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Permanent I/O
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10803 EYE Temperature 4 2 Signed -32768 32767 0.01 °C Temperature measured by EYE Sensor 4

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[FMB140](#)
[FMB020](#)
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[FMB910](#)

Permanent I/O elements

10804 EYE Humidity 1 1 Unsigned 0 100 - % Humidity measured by EYE Sensor 1

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Permanent I/O elements

10805 EYE Humidity 2 1 Unsigned 0 100 - % Humidity measured by EYE Sensor 2

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[FMB910](#)

Permanent I/O elements

10806 EYE Humidity 3 1 Unsigned 0 100 - % Humidity measured by EYE Sensor 3

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Permanent I/O elements

10807 EYE Humidity 4 1 Unsigned 0 100 - % Humidity measured by EYE Sensor 4

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Permanent I/O elements

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10808	EYE Magnet 1	1	Unsign ed	0	1	-	-	Magnet measured by EYE Sensor by EYE Sensor 1	Permanent I/O elements
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Permanent I/O
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10813 EYE Movement 2 1 Unsigned 0 1 - - Movement state measure by EYE Sensor 2

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Permanent I/O
elements

10814 EYE Movement 3 1 Unsigned 0 1 - - Movement state measure by EYE Sensor 3

10816 EYE Pitch 1 1 Signed -90 90 - - Pitch angle measured by EYE Sensor 1

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Permanent I/O
elements

10817 EYE Pitch 2 1 Signed -90 90 - - Pitch angle measured by EYE Sensor 2

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- [FMB100](#)
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Permanent I/O
elements

10818 EYE Pitch 3 1 Signed -90 90 - - Pitch angle measured by EYE Sensor 3

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Permanent I/O
elements

10819 EYE Pitch 4 1 Signed -90 90 - - Pitch angle measured by EYE Sensor 4

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- [FMB010](#)
- [FMB100](#)
- [FMB110](#)
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- [TFT100](#)
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Permanent I/O elements

10820 EYE Low Battery 1 1 Unsigned 0 1 - - Low Battery indication for EYE Sensor 1

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[FMB110](#)
[FMB120](#)
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Permanent I/O elements

10824 EYE Battery Voltage 1 2 Unsigned 0 65535 - - Battery Voltage of EYE Sensor 1

- [FMBXXX](#)
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- [FMB010](#)
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- [FMB110](#)
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- [TFT100](#)
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Permanent I/O elements

10825 EYE Battery Voltage 2 2 Unsigned 0 65535 - - Battery Voltage of EYE Sensor 2

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- [FMB010](#)
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Permanent I/O elements

10826 EYE Battery Voltage 3 2 Unsigned 0 65535 - - Battery Voltage of EYE Sensor 3

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Permanent I/O elements

10827 EYE Battery Voltage 4 2 Unsigned 0 65535 - - Battery Voltage of EYE Sensor 4

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Permanent I/O elements

10832 EYE Roll 1 2 Signed -180 180 - - Roll angle measured by EYE Sensor 1

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Permanent I/O
elements

10833 EYE Roll 2 2 Signed -180 180 - - Roll angle measured by EYE Sensor 2

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Permanent I/O elements

10834 EYE Roll 3 2 Signed -180 180 - - Roll angle measured by EYE Sensor 3

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Permanent I/O
elements

10835 EYE Roll 4 2 Signed -180 180 - - Roll angle measured by EYE Sensor 4

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- [TMT250](#)
- [GH5200](#)
- [FMB140](#)
- [FMB020](#)
- [FMB002](#)
- [FMB003](#)
- [FMU120](#)
- [FMU122](#)
- [FMU125](#)
- [FMU126](#)
- [FMU130](#)
- [FMC120](#)
- [FMC122](#)
- [FMC125](#)
- [FMC130](#)
- [FMM12](#)
- [5](#)
- [FMM13](#)
- [0](#)
- [FMC001](#)
- [FMM00](#)
- [1](#)
- [TFT100](#)
- [FMB910](#)

Permanent I/O elements

10836	EYE Movement count 1	2	Unsign ed	0	32767	-	-	Movement count measure by EYE Sensor 1	FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910	Permanent I/O elements
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10837	EYE Movement count 2	2	Unsign ed	0	32767	-	-	Movement count measure by EYE Sensor 2	FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910	Permanent I/O elements
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10838	EYE Movement count 3	2	Unsign ed	0	32767	-	-	Movement count measure by EYE Sensor 3	FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910	Permanent I/O elements
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FMBXXX
[Expand]
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMB207](#)
[FMT100](#)
[MTB100](#)
[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM12](#)
5
[FMM13](#)
0
[FMC001](#)
[FMM00](#)
1
[TFT100](#)
[FMB910](#)

10839 EYE Movement count 2 Unsign 0 32767 - - Movement count measure by EYE Sensor 4

Permanent I/O elements

453	BLE RFID #3	8	HEX	0	0xffffffff ffffffff	-	-	BLE NBL-T RFID ID for Connentionless mode #3 slot	FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMB208 FMB209 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910 FMP100 FMP1M 1 MSP500 EMC800 FMM80 0 FMC880 FMM88 0 FMM80 A	Permanent I/O elements
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FMBXXX
[Expand]
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMB207](#)
[FMB208](#)
[FMB209](#)
[FMT100](#)
[MTB100](#)
[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM12](#)
5
[FMM13](#)
0
[FMC001](#)
[FMM00](#)
1
[TFT100](#)
[FMB910](#)
[FMP100](#)
[FMP1M](#)
1
[MSP500](#)
[EMC800](#)
[FMM80](#)
0
[FMC880](#)
[FMM88](#)
0
[FMM80](#)
A

Permanent I/O
elements

455 BLE Button 1 state #1 1 Unsigned 0 1 - - BLE NBL-T Button 1 status for Connentionless mode #1 slot

FMBXXX
[Expand]
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMB207](#)
[FMB208](#)
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[FMT100](#)
[MTB100](#)
[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM125](#)
[FMM130](#)
[FMC001](#)
[FMM001](#)
[TFT100](#)
[FMB910](#)
[FMP100](#)
[FMP1M](#)
[MSP500](#)
[EMC800](#)
[FMM800](#)
[FMC880](#)
[FMM880](#)
[FMM80A](#)

456 BLE Button 1 state #2 1 Unsigned 0 1 - - BLE NBL-T Button 1 status for Connetionless mode #2 slot

Permanent I/O elements

FMBXXX
[Expand]
[FMB001](#)
[FMB010](#)
[FMB100](#)
[FMB110](#)
[FMB120](#)
[FMB122](#)
[FMB125](#)
[FMB130](#)
[FMB900](#)
[FMB920](#)
[FMB962](#)
[FMB964](#)
[FM3001](#)
[FM3010](#)
[FMB202](#)
[FMB204](#)
[FMB206](#)
[FMB207](#)
[FMB208](#)
[FMB209](#)
[FMT100](#)
[MTB100](#)
[TMT250](#)
[GH5200](#)
[FMB140](#)
[FMB020](#)
[FMB002](#)
[FMB003](#)
[FMU120](#)
[FMU122](#)
[FMU125](#)
[FMU126](#)
[FMU130](#)
[FMC120](#)
[FMC122](#)
[FMC125](#)
[FMC130](#)
[FMM125](#)
[FMM130](#)
[FMC001](#)
[FMM001](#)
[TFT100](#)
[FMB910](#)
[FMP100](#)
[FMP1M1](#)
[MSP500](#)
[EMC800](#)
[FMM800](#)
[FMC880](#)
[FMM880](#)
[FMM80A](#)

Permanent I/O
elements

462 BLE Button 2 state #4 1 Unsigned 0 1 - - BLE NBL-T Button 2 status for Connentionless mode #4 slot

623	Frequency DIN2	2	Unsigned	0	65535	0.1	Hz	Frequency of input signal present on DIN2	FMBXXX [Expand] FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMB208 FMB209 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910 FMP100 FMP1M 1 MSP500 EMC800 FMM80 0 FMC880 FMM88 0 FMM80 A	Permanent I/O elements
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Eventual I/O elements

Property ID in AVE packet	Property Name	Bytes	Type	Value range	Min	Max	Multiplier	Units	Description	HW Support	Parameter Group
155	Guidance zone 01	1	Unsigned	0	3	-	-	-	0 - target left zone 1 - target entered zone 2 - cover opening end 3 - cover opening start	FMBXXX FMB001 FMB010 FMB100 FMB110 FMB120 FMB122 FMB125 FMB130 FMB900 FMB920 FMB962 FMB964 FM3001 FM3010 FMB202 FMB204 FMB206 FMB207 FMB208 FMB209 FMT100 MTB100 TMT250 GH5200 FMB140 FMB020 FMB002 FMB003 FMU120 FMU122 FMU125 FMU126 FMU130 FMC120 FMC122 FMC125 FMC130 FMM12 5 FMM13 0 FMC001 FMM00 1 TFT100 FMB910 FMP100 FMP1M 1 MSP500 EMC800 FMM80 0 FMC880 FMM88 0 FMM80 A	Eventual I/O elements

Confidence zone	Confidence zone ID	Confidence zone type	Confidence zone status	Confidence zone start	Confidence zone end	Confidence zone left margin	Confidence zone right margin	Confidence zone elements
195	Confidence zone 29	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - cover spending end 3 - over spending start
196	Confidence zone 30	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - cover spending end 3 - over spending start
197	Confidence zone 31	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - cover spending end 3 - over spending start
198	Confidence zone 32	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - cover spending end 3 - over spending start
208	Confidence zone 33	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - cover spending end 3 - over spending start
209	Confidence zone 34	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - cover spending end 3 - over spending start
216	Confidence zone 35	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - cover spending end 3 - over spending start
217	Confidence zone 36	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - cover spending end 3 - over spending start
218	Confidence zone 37	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - cover spending end 3 - over spending start

									FMXXXX 2540001 2540002 2540003 2540004 2540005 2540006 2540007 2540008 2540009 2540010 2540011 2540012 2540013 2540014 2540015 2540016 2540017 2540018 2540019 2540020 2540021 2540022 2540023 2540024 2540025 2540026 2540027 2540028 2540029 2540030 2540031 2540032 2540033 2540034 2540035 2540036 2540037 2540038 2540039 2540040 2540041 2540042 2540043 2540044 2540045 2540046 2540047 2540048 2540049 2540050 2540051 2540052 2540053 2540054 2540055 2540056 2540057 2540058 2540059 2540060 2540061 2540062 2540063 2540064 2540065 2540066 2540067 2540068 2540069 2540070 2540071 2540072 2540073 2540074 2540075 2540076 2540077 2540078 2540079 2540080 2540081 2540082 2540083 2540084 2540085 2540086 2540087 2540088 2540089 2540090 2540091 2540092 2540093 2540094 2540095 2540096 2540097 2540098 2540099 2540100	
228	Confidence zone 47	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	Eventual IO elements	
229	Confidence zone 48	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	Eventual IO elements	
230	Confidence zone 49	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	Eventual IO elements	
231	Confidence zone 50	1	Unassigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	Eventual IO elements	
175	Auto Guidance	1	Unassigned	0	1	-	-	0 - target left zone 1 - target entered zone	Eventual IO elements	
250	Trip	1	Unassigned	0	1	-	-	0 - trip stop 1 - trip start From IOS 24 for versions available with IE app see values: 2 - Business Status 3 - Private Status 4-9 - Custom Statuses	Eventual IO elements	
255	Over Speeding	1	Unassigned	0	255	-	km/h	At over speeding start km/h, at over speeding end km/h	Eventual IO elements	
257	Crash trace data	Variable	HEX	0	1200	-	-	Crash trace data	Eventual IO elements	
285	Blood alcohol content	2	Unassigned	0	9999	-	-	Alcohol content in blood in percent and mode. First 14 bits from MSB are percent multiplied by 1000 and last to bits are 0 - Passive test, 1 - Active test, 2 and 3 are reserved.	Eventual IO elements	
251	Idling	1	Unassigned	0	1	-	-	0 - no idling 1 - idling	Eventual IO elements	

Event ID	Event Name	Severity	Category	Priority	Frequency	Duration	Unit	Event Description	Event Elements
253	Green driving type	1	Unassigned	1	3	-	-	1 - harsh acceleration 2 - harsh braking 3 - harsh cornering	Eventual IO elements
254	Green Driving Value	1	Unassigned	0	255	sec and braking: 0.01	G or rat	Dependent on green driving type: if harsh acceleration or braking - g*100 (value 123 => 1.23g). If Green driving source is „CIPS“ - harsh cornering value in rad*100. If source is „Accelerometer“ - g*100.	Eventual IO elements
255	Upstop	1	Unassigned	0	1	-	-	0 - battery present 1 - battery employed	Eventual IO elements
256	Towing	1	Unassigned	0	1	-	-	0 - steady 1 - towing	Eventual IO elements
257	Crash detection	1	Unassigned	1	6	-	-	1 - real crash detected (device is calibrated) 2 - limited crash trace (device not calibrated) 3 - limited crash trace (device is calibrated) 4 - full crash trace (device not calibrated) 5 - full crash trace (device is calibrated) 6 - real crash detected (device not calibrated)	Eventual IO elements
258	Immobilizer	1	Unassigned	0	2	-	-	0 - Ilusion not connected 1 - Ilusion connected (Unauthorized) 2 - Ilusion connected (Authorized Driving)	Eventual IO elements
259	Jamming	1	Unassigned	0	1	-	-	0 - jamming stop 1 - jamming start	Eventual IO elements
14	KCCID2	8	Unassigned	0	0xFFFFFFFF	-	-	Value of SDN KCCID_LSB	Eventual IO elements
243	Green driving event duration	2	Unassigned	0	6535	-	ms	Duration of event that did generate Green driving	Eventual IO elements
256	Alert	1	Unassigned	0	1	-	-	0 - Reserved 1 - Alarm event occurred	Eventual IO elements
258	EcoMaximum	8	Unassigned	0	0xFFFFFFFF	-	-	Eventual IO elements	
259	EcoAverage	8	Unassigned	0	0xFFFFFFFF	-	-	Eventual IO elements	
260	EcoDuration	2	Unassigned	0	6535	-	ms	Duration of Eco driving event in milliseconds	Eventual IO elements

283	Driving State	1	Unsigned	0	3	-	-	1 - Ignition ON 2 - Driving on 3 - Ignition OFF	EM110 EM110	Eventual IO elements
284	Driving Records	2	Unsigned	0	65535	-	-	Number of Records between Ignition ON and Ignition OFF	EM110 FMBXXX 024001 EM110 EM111 EM112 EM113 EM114 EM115 EM116 EM117 EM118 EM119 EM120 EM121 EM122 EM123 EM124 EM125 EM126 EM127 EM128 EM129 EM130 EM131 EM132 EM133 EM134 EM135 EM136 EM137 EM138 EM139 EM140 EM141 EM142 EM143 EM144 EM145 EM146 EM147 EM148 EM149 EM150 EM151 EM152 EM153 EM154 EM155 EM156 EM157 EM158 EM159 EM160	Eventual IO elements
317	Crash event counter	1	Unsigned	0	255	-	-	Contacts trace with specific eventual crash record	EM160 EM161 EM162 EM163 EM164 EM165 EM166 EM167 EM168 EM169 EM170 EM171 EM172 EM173 EM174 EM175 EM176 EM177 EM178 EM179 EM180 EM181 EM182 EM183 EM184 EM185 EM186 EM187 EM188 EM189 EM190 EM191 EM192 EM193 EM194 EM195 EM196 EM197 EM198 EM199 EM200 EM201 EM202 EM203 EM204 EM205 EM206 EM207 EM208 EM209 EM210 EM211 EM212 EM213 EM214 EM215 EM216 EM217 EM218 EM219 EM220 EM221 EM222 EM223 EM224 EM225 EM226 EM227 EM228 EM229 EM230 EM231 EM232 EM233 EM234 EM235 EM236 EM237 EM238 EM239 EM240 EM241 EM242 EM243 EM244 EM245 EM246 EM247 EM248 EM249 EM250 EM251 EM252 EM253 EM254 EM255 EM256 EM257 EM258 EM259 EM260 EM261 EM262 EM263 EM264 EM265 EM266 EM267 EM268 EM269 EM270 EM271 EM272 EM273 EM274 EM275 EM276 EM277 EM278 EM279 EM280 EM281 EM282 EM283 EM284 EM285 EM286 EM287 EM288 EM289 EM290 EM291 EM292 EM293 EM294 EM295 EM296 EM297 EM298 EM299 EM300 EM301 EM302 EM303 EM304 EM305 EM306 EM307 EM308 EM309 EM310 EM311 EM312 EM313 EM314 EM315 EM316 EM317 EM318 EM319 EM320 EM321 EM322 EM323 EM324 EM325 EM326 EM327 EM328 EM329 EM330 EM331 EM332 EM333 EM334 EM335 EM336 EM337 EM338 EM339 EM340 EM341 EM342 EM343 EM344 EM345 EM346 EM347 EM348 EM349 EM350 EM351 EM352 EM353 EM354 EM355 EM356 EM357 EM358 EM359 EM360 EM361 EM362 EM363 EM364 EM365 EM366 EM367 EM368 EM369 EM370 EM371 EM372 EM373 EM374 EM375 EM376 EM377 EM378 EM379 EM380 EM381 EM382 EM383 EM384 EM385 EM386 EM387 EM388 EM389 EM390 EM391 EM392 EM393 EM394 EM395 EM396 EM397 EM398 EM399 EM400	Eventual IO elements
318	GNSS Jamming	1	Unsigned	0	2	-	-	GNSS Jamming state 0 - GPS jamming not/low healthy state 1 - GPS jamming warning state 2 - GPS jamming critical state	EM300 EM301 EM302 EM303 EM304 EM305 EM306 EM307 EM308 EM309 EM310 EM311 EM312 EM313 EM314 EM315 EM316 EM317 EM318 EM319 EM320 EM321 EM322 EM323 EM324 EM325 EM326 EM327 EM328 EM329 EM330 EM331 EM332 EM333 EM334 EM335 EM336 EM337 EM338 EM339 EM340 EM341 EM342 EM343 EM344 EM345 EM346 EM347 EM348 EM349 EM350 EM351 EM352 EM353 EM354 EM355 EM356 EM357 EM358 EM359 EM360 EM361 EM362 EM363 EM364 EM365 EM366 EM367 EM368 EM369 EM370 EM371 EM372 EM373 EM374 EM375 EM376 EM377 EM378 EM379 EM380 EM381 EM382 EM383 EM384 EM385 EM386 EM387 EM388 EM389 EM390 EM391 EM392 EM393 EM394 EM395 EM396 EM397 EM398 EM399 EM400	Eventual IO elements
391	Private mode	1	Unsigned	0	255	-	-	Private mode state 0 - Private mode off 1 - Private mode on	EM400 EM401 EM402 EM403 EM404 EM405 EM406 EM407 EM408 EM409 EM410 EM411 EM412 EM413 EM414 EM415 EM416 EM417 EM418 EM419 EM420 EM421 EM422 EM423 EM424 EM425 EM426 EM427 EM428 EM429 EM430 EM431 EM432 EM433 EM434 EM435 EM436 EM437 EM438 EM439 EM440 EM441 EM442 EM443 EM444 EM445 EM446 EM447 EM448 EM449 EM450 EM451 EM452 EM453 EM454 EM455 EM456 EM457 EM458 EM459 EM460 EM461 EM462 EM463 EM464 EM465 EM466 EM467 EM468 EM469 EM470 EM471 EM472 EM473 EM474 EM475 EM476 EM477 EM478 EM479 EM480 EM481 EM482 EM483 EM484 EM485 EM486 EM487 EM488 EM489 EM490 EM491 EM492 EM493 EM494 EM495 EM496 EM497 EM498 EM499 EM500	Eventual IO elements
449	Ignition On Counter	4	Unsigned	0	2147483647	-	x	Duration in seconds which is counted while Ignition state is On	EM500 EM501 EM502 EM503 EM504 EM505 EM506 EM507 EM508 EM509 EM510 EM511 EM512 EM513 EM514 EM515 EM516 EM517 EM518 EM519 EM520 EM521 EM522 EM523 EM524 EM525 EM526 EM527 EM528 EM529 EM530 EM531 EM532 EM533 EM534 EM535 EM536 EM537 EM538 EM539 EM540 EM541 EM542 EM543 EM544 EM545 EM546 EM547 EM548 EM549 EM550 EM551 EM552 EM553 EM554 EM555 EM556 EM557 EM558 EM559 EM560 EM561 EM562 EM563 EM564 EM565 EM566 EM567 EM568 EM569 EM570 EM571 EM572 EM573 EM574 EM575 EM576 EM577 EM578 EM579 EM580 EM581 EM582 EM583 EM584 EM585 EM586 EM587 EM588 EM589 EM590 EM591 EM592 EM593 EM594 EM595 EM596 EM597 EM598 EM599 EM600	Eventual IO elements
1412	Motorcycle Fall Detection	1	Unsigned	0	0	-	-	Fall detection event which is generated when all conditions are met	EM600 EM601 EM602 EM603 EM604 EM605 EM606 EM607 EM608 EM609 EM610 EM611 EM612 EM613 EM614 EM615 EM616 EM617 EM618 EM619 EM620 EM621 EM622 EM623 EM624 EM625 EM626 EM627 EM628 EM629 EM630 EM631 EM632 EM633 EM634 EM635 EM636 EM637 EM638 EM639 EM640 EM641 EM642 EM643 EM644 EM645 EM646 EM647 EM648 EM649 EM650 EM651 EM652 EM653 EM654 EM655 EM656 EM657 EM658 EM659 EM660 EM661 EM662 EM663 EM664 EM665 EM666 EM667 EM668 EM669 EM670 EM671 EM672 EM673 EM674 EM675 EM676 EM677 EM678 EM679 EM680 EM681 EM682 EM683 EM684 EM685 EM686 EM687 EM688 EM689 EM690 EM691 EM692 EM693 EM694 EM695 EM696 EM697 EM698 EM699 EM700	Eventual IO elements

OBD elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range Min Max	Multiplier	Units	Description	HW Support	Parameter Group
256	VIN	17	ASCII	0	0xff	-	VIN number	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMB130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements

									FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	
30	Number of DTC	1	Unsigned	0	255	-	-	Number of DTC	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
31	Engine Load	1	Unsigned	0	100	-	%	Calculated engine load value	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
32	Coolant Temperature	1	Signed	-128	127	-	°C	Engine coolant temperature	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
33	Short Fuel Trim	1	Signed	-100	99	-	%	Short term fuel trim 1	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements

34	Fuel pressure	2	Unsigned	0	765	-	kPa	Fuel pressure	OBD elements
35	Intake MAP	1	Unsigned	0	255	-	kPa	Intake manifold absolute pressure	OBD elements
36	Engine RPM	2	Unsigned	0	16384	-	rpm	Engine RPM	OBD elements
37	Vehicle Speed	1	Unsigned	0	255	-	km/h	Vehicle speed	OBD elements

FMBXXX
 FMB001
 FMC001
 FMB010
 FMB003
 FMB110
 FMB120
 FMB122
 FMB125
 FMU125
 FMC125
 FMM125
 FMB130
 FMC130
 FMM130
 FMB140
 FMB150
 FMC150
 FMM150
 FMB900
 FMB920
 FMB962
 FMB964
 FM3001
 FMT100
 MTB100
 FMB202
 FMB204
 FMB206
 FMT100
 MTB100
 FMB140
 FMBXXX
 FMB001
 FMC001
 FMB010
 FMB003
 FMB110
 FMB120
 FMB122
 FMB125
 FMU125
 FMC125
 FMM125
 FMB130
 FMC130
 FMM130
 FMB140
 FMB150
 FMC150
 FMM150
 FMB900
 FMB920
 FMB962
 FMB964
 FM3001
 FMT100
 MTB100
 FMB202
 FMB204
 FMB206
 FMT100
 MTB100
 FMB140
 FMBXXX
 FMB001
 FMC001
 FMB010
 FMB003
 FMB110
 FMB120
 FMB122
 FMB125
 FMU125
 FMC125
 FMM125
 FMB130
 FMC130
 FMM130
 FMB140
 FMB150
 FMC150
 FMM150
 FMB900
 FMB920
 FMB962
 FMB964
 FM3001
 FMT100
 MTB100
 FMB202
 FMB204
 FMB206
 FMT100
 MTB100
 FMB140
 FMBXXX
 FMB001
 FMC001
 FMB010
 FMB003
 FMB110
 FMB120
 FMB122
 FMB125
 FMU125
 FMC125
 FMM125
 FMB130
 FMC130
 FMM130
 FMB140
 FMB150
 FMC150
 FMM150
 FMB900
 FMB920
 FMB962
 FMB964
 FM3001
 FMT100
 MTB100
 FMB202
 FMB204
 FMB206
 FMT100
 MTB100
 FMB140

38	Timing Advance	1	Signed	-64	64	-	°	Timing advance	OBD elements
39	Intake Air Temperature	1	Signed	-128	127	-	°C	Intake air temperature	OBD elements
40	MAF	2	Unsigned	0	65535	0.01	g/sec	MAF air flow rate	OBD elements
41	Throttle Position	1	Unsigned	0	100	-	%	Throttle position	OBD elements

FMBXXX
 FMB001
 FMC001
 FMB010
 FMB003
 FMB110
 FMB120
 FMB122
 FMB125
 FMC125
 FMC125
 FMM125
 FMB130
 FMC130
 FMC130
 FMM130
 FMB140
 FMB150
 FMC150
 FMM150
 FMB900
 FMB920
 FMB962
 FMB964
 FM3001
 FMT100
 MTB100
 FMB202
 FMB204
 FMB206
 FMT100
 MTB100
 FMB140
 FMBXXX
 FMB001
 FMC001
 FMB010
 FMB003
 FMB110
 FMB120
 FMB122
 FMB125
 FMC125
 FMC125
 FMM125
 FMB130
 FMC130
 FMC130
 FMM130
 FMB140
 FMB150
 FMC150
 FMM150
 FMB900
 FMB920
 FMB962
 FMB964
 FM3001
 FMT100
 MTB100
 FMB202
 FMB204
 FMB206
 FMT100
 MTB100
 FMB140
 FMBXXX
 FMB001
 FMC001
 FMB010
 FMB003
 FMB110
 FMB120
 FMB122
 FMB125
 FMC125
 FMC125
 FMM125
 FMB130
 FMC130
 FMC130
 FMM130
 FMB140
 FMB150
 FMC150
 FMM150
 FMB900
 FMB920
 FMB962
 FMB964
 FM3001
 FMT100
 MTB100
 FMB202
 FMB204
 FMB206
 FMT100
 MTB100
 FMB140
 FMBXXX
 FMB001
 FMC001
 FMB010
 FMB003
 FMB110
 FMB120
 FMB122
 FMB125
 FMC125
 FMC125
 FMM125
 FMB130
 FMC130
 FMC130
 FMM130
 FMB140
 FMB150
 FMC150
 FMM150
 FMB900
 FMB920
 FMB962
 FMB964
 FM3001
 FMT100
 MTB100
 FMB202
 FMB204
 FMB206
 FMT100
 MTB100
 FMB140

										FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
42	Runtime since engine start	2	Unsigned	0	65535	-	s	Runtime since engine start			
43	Distance Traveled MIL On	2	Unsigned	0	65535	-	km	Distance ormatin MIL on			
44	Relative Fuel Rail Pressure	2	Unsigned	0	5178	0.1	kPa	Relative fuel rail pressure			
45	Direct Fuel Rail Pressure	2	Unsigned	0	65535	10	kPa	Direct Fuel Rail Pressure			

										FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	
46	Commanded EGR	1	Unsigned	0	100	-	%	Commanded EGR		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
47	EGR Error	1	Signed	-100	100	-	%	EGR error		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
48	Fuel Level	1	Unsigned	0	100	-	%	Fuel level		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
49	Distance Since Codes Clear	2	Unsigned	0	65535	-	km	Distance traveled since codes cleared		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements

										FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	
50	Barometric Pressure	1	Unsigned	0	255	-	kPa	Barometric pressure		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
51	Control Module Voltage	2	Unsigned	0	65535	0.001	V	Control module voltage		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
52	Absolute Load Value	2	Unsigned	0	25700	-	%	Absolute load value		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
759	Fuel Type	1	Unsigned	0	255	-		<ul style="list-style-type: none"> 0 Not available 1 Gasoline 2 Methanol 3 Ethanol 4 Diesel 5 LPG 6 CNG 7 Propane 8 Electric 9 Bifuel running Gasoline 10 Bifuel running Methanol 11 Bifuel running Ethanol 12 Bifuel running LPG 13 Bifuel running CNG 14 Bifuel running Propane 15 Bifuel running Electricity 16 Bifuel running electric and combustion engine 17 Hybrid gasoline 18 Hybrid Ethanol 19 Hybrid Diesel 20 Hybrid Electric 21 Hybrid running electric and combustion engine 22 Hybrid Regenerative 23 Bifuel running diesel 		FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMC125 FMM125 FMB130 FMC130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements

53	Ambient Air Temperature	1	Signed	-128	127	-	°C	Ambient air temperature	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
54	Time Run With MIL On	2	Unsigned	0	65535	-	min	Time run with MIL on	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
55	Time Since Codes Cleared	2	Unsigned	0	65535	-	min	Time since codes cleared	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
56	Absolute Fuel Rail Pressure	2	Unsigned	0	65535	0.1	kPa	Absolute fuel rail pressure	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements

										FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMB130 FMC130 FMM130	
57	Hybrid battery pack life	1	Unsigned	0	100	-	%	Hybrid battery pack remaining life		FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 EMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
										FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMB130 FMC130 FMM130	
58	Engine Oil Temperature	1	Unsigned	0	215	-	°C	Engine oil temperature		FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 EMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
										FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMB130 FMC130 FMM130	
59	Fuel injection timing	2	Signed	-21000	30200	0.01	°	Fuel injection timing		FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 EMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
										FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMB130 FMC130 FMM130	
540	Throttle position group	1	Unsigned	0	100	-	%	Throttle Position Value From PID Group		FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 EMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
										FMBXXX FMB001 FMC003 FMC00A FMM003 FMM00A	
541	Commanded Equivalence R	1	Unsigned	0	200	0.01	-	Fuel-Air Commanded Equivalence Ratio		FMBXXX FMB003 FMC003 FMC00A FMM003 FMM00A	OBD elements
										FMBXXX FMB001 FMB003 FMC003 FMC00A FMM003 FMM00A	
542	Intake MAP 2 bytes	2	Unsigned	0	2048	-	kPa	Intake Manifold Absolute Pressure		FMBXXX FMB001 FMB003 FMC003 FMC00A FMM003 FMM00A	OBD elements

									FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	
543	Hybrid System Voltage	2	Unsigned	0	1024	-	V	Hybrid vehicle system voltage		OBD elements
									FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	
544	Hybrid System Current	2	Signed	-3277	3277	-	A	Hybrid vehicle system current		OBD elements
									FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	
281	Fault Codes	variable	ASCII	0	128	-	-	Fault Codes (values separated via ",")		OBD elements
									FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	
60	Fuel Rate	2	Unsigned	0	32767	0.01	L/h	Engine fuel rate, L/h*100		OBD elements
									FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	

OBD OEM elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range		Multiplier	Units	Description	HW Support	Parameter Group
				Min	Max					
389	OBD OEM Total Mileage	4	Unsigned	0	0xffffffff	-	km	Total mileage received by requesting vehicle specific PID	FMB003	OBD OEM elements
390	OBD OEM Fuel Level	4	Unsigned	0	0xffffffff	0.1	l	Fuel level in litres received by requesting vehicle specific PID	FMB003	OBD OEM elements
402	OEM Distance Until Service	4	Unsigned	0	0xffffffff	-	km	Distance till next service received by requesting vehicle specific PID	FMB001 FMC001 FMM001 FMB003 FMC003 FMM003	OBD OEM elements
410	OEM Battery charge state	1	Unsigned	0	1	-	-	0 - Not charging 1 - Charging	FMB001 FMC001 FMM001 FMB003 FMC003 FMM003	OBD OEM elements
411	OEM Battery charge level	1	Unsigned	0	100	-	%	Represents battery charged level	FMB001 FMC001 FMM001 FMB003 FMC003 FMM003	OBD OEM elements
412	OEM Battery power consumption	2	Unsigned	0	65535	-	kWh/100km	Represents battery power consumption	FMB001 FMC001 FMM001 FMB003 FMC003 FMM003	OBD OEM elements
755	OEM Remaining distance	2	Unsigned	0	65535	-	km	Remaining distance until fuel tank empty or battery (EV) depleted	FMB001 FMC001 FMM001 FMB003 FMC003 FMM003	OBD OEM elements
1151	OEM Battery State Of Health	2	Unsigned	0	65535	-	%	Battery State of Health	FMB001 FMC001 FMM001 FMB003 FMC003 FMM003	OBD OEM elements
1152	OEM Battery Temperature	2	Signed	-32768	32767	-	°C	Battery pack temperature	FMB001 FMC001 FMM001 FMB003 FMC003 FMM003	OBD OEM elements

BLE Sensors I/O elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range		Multiplier	Units	Description	HW Support	Parameter Group
				Min	Max					

385 Beacon Variable HEX 0 1024 - - List of Beacon IDs

FMBX
XX
[FMB0](#)
[01](#)
[FMC0](#)
[01](#)
[FMB0](#)
[10](#)
[FMB0](#)
[02](#)
[FMB0](#)
[20](#)
[FMB0](#)
[03](#)
[FMB1](#)
[10](#)
[FMB1](#)
[20](#)
[FMB1](#)
[22](#)
[FMB1](#)
[25](#)
[FMU1](#)
[25](#)
[FMC1](#)
[25](#)
[FMB1](#)
[30](#)
[FMU1](#)
[30](#)
[FMC1](#)
[30](#)
[FMB1](#)
[40](#)
[FMB1](#)
[50](#) Permanent
[FMC1](#) I/O elements
[50](#)
[FMM](#)
[150](#)
[FMB9](#)
[00](#)
[FMB9](#)
[20](#)
[FMB9](#)
[10](#)
[FMB9](#)
[62](#)
[FMB9](#)
[64](#)
[FM30](#)
[01](#)
[FMB2](#)
[02](#)
[FMB2](#)
[04](#)
[FMB2](#)
[06](#)
[FMT1](#)
[00](#)
[MTB1](#)
[00](#)
[FMP1](#)
[00](#)
[FMB1](#)
[40](#)
[FMC8](#)
[00](#)
[FMM](#)
[800](#)
[FMM](#)
[80A](#)

25	BLE Temperature #1	2	Signed	-4000 12500 0.01*	°C	<p>Degrees (°C), -40 - +125; Error codes: 4000 - abnormal sensor state 3000 - sensor not found 2000 - failed sensor data parsing From firmware version 03.28.00 and up: 32767 - sensor not found 32766 - failed sensor data parsing 32765 - abnormal sensor state</p>	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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26	BLE Temperature #2	2	Signed	-4000 12500 0.01*	°C	<p>Degrees (°C), -40 - +125; Error codes: 4000 - abnormal sensor state 3000 - sensor not found 2000 - failed sensor data parsing From firmware version 03.28.00 and up: 32767 - sensor not found 32766 - failed sensor data parsing 32765 - abnormal sensor state</p>	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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27	BLE Temperature #3	2	Signe d	-4000 12500 0.01* °C	Degrees (°C), -40 - +125; Error codes: 4000 - abnormal sensor state 3000 - sensor not found 2000 - failed sensor data parsing From firmware version 03.28.00 and up: 32767 - sensor not found 32766 - failed sensor data parsing 32765 - abnormal sensor state	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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28	BLE Temperature #4	2	Signed	-4000 12500 0.01*	°C	<p>Degrees (°C), -40 - +125; Error codes: 4000 - abnormal sensor state 3000 - sensor not found 2000 - failed sensor data parsing From firmware version 03.28.00 and up: 32767 - sensor not found 32766 - failed sensor data parsing 32765 - abnormal sensor state</p>	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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29	BLE Battery #1	1	Unsigned	0	100	-	%	Battery level of sensor #1	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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20	BLE Battery #2	1	Unsigned	0	100	-	%	Battery level of sensor #2	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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22	BLE Battery #3	1	Unsigned	0	100	-	%	Battery level of sensor #3	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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23	BLE Battery #4	1	Unsigned	0	100	-	%	Battery level of sensor #4	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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104	BLE Humidity #2	2	Unsigned	0	1000	0.1*	%RH	Humidity From firmware version 03.28.00 and up: 65535 - sensor not found 65534 - failed sensor data parsing 65533 - abnormal sensor state	Bluetooth Low Energy
								FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	

										FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A
106	BLE Humidity #3	2	Unsigned	0	1000	0.1*	%RH	Humidity	From firmware version 03.28.00 and up: 65535 - sensor not found 65534 - failed sensor data parsing 65533 - abnormal sensor state	Bluetooth Low Energy

[FMBX](#)
[XX](#)
[FMB0](#)
[01](#)
[FMC0](#)
[01](#)
[FMB0](#)
[10](#)
[FMB0](#)
[02](#)
[FMB0](#)
[20](#)
[FMB0](#)
[03](#)
[FMB1](#)
[10](#)
[FMB1](#)
[20](#)
[FMB1](#)
[22](#)
[FMB1](#)
[25](#)
[FMU1](#)
[25](#)
[FMC1](#)
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[FMU1](#)
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[FMC1](#)
[30](#)
[FMB1](#)
[40](#)
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[50](#)
[FMC1](#)
[50](#)
[FMM](#)
[150](#)
[FMB9](#)
[00](#)
[FMB9](#)
[20](#)
[FMB9](#)
[10](#)
[FMB9](#)
[62](#)
[FMB9](#)
[64](#)
[FM30](#)
[01](#)
[FMB2](#)
[02](#)
[FMB2](#)
[04](#)
[FMB2](#)
[06](#)
[FMT1](#)
[00](#)
[MTB1](#)
[00](#)
[FMP1](#)
[00](#)
[FMB1](#)
[40](#)
[MSP5](#)
[00](#)
[FMC8](#)
[00](#)
[FMM](#)
[800](#)
[FMM](#)
[80A](#)

108 BLE Humidity #4 2 Unsigned 0 1000 0.1* %RH

Humidity
 From firmware version 03.28.00 and up:
 65535 - sensor not found
 65534 - failed sensor data parsing
 65533 - abnormal sensor state

Bluetooth Low Energy

270	BLE Fuel Level #1	2	Unsigned	0	65535	-	-	Fuel Level	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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273	BLE Fuel Level #2	2	Unsigned	0	65535	-	-	Fuel Level	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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276	BLE Fuel Level #3	2	Unsigned	0	65535	-	-	Fuel Level	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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279	BLE Fuel Level #4	2	Unsigned	0	65535	-	-	Fuel Level	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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									FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	
306	BLE Fuel Frequency #1	4	Unsigned	0	21474 83647	-	-	Frequency value of BLE fuel sensor #1	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy

									FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	
307	BLE Fuel Frequency #2	4	Unsigned	0	21474 83647	-	-	Frequency value of BLE fuel sensor #2	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy

											FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	
308	BLE Fuel Frequency #3	4	Unsigned	0	2147483647	-	-	Frequency value of BLE fuel sensor #3		Bluetooth Low Energy		

309	BLE Fuel Frequency #4	4	Unsigned	0	21474 83647	-	-	Frequency value of BLE fuel sensor #4	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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									FMBX	
									XX	
									FMB0	
									01	
									FMC0	
									01	
									FMB0	
									10	
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									02	
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									20	
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									FMU1	
									25	
									FMC1	
									25	
									FMB1	
									30	
									FMU1	
									30	
									FMC1	
									30	
									FMB1	
									40	
									FMB1	
									50	
335	BLE Luminosity #1	2	Unsigned	0	0xFF	-	lx	Luminosity value of BLE sensor	FMC1	Bluetooth
			ned		FF				50	Low Energy
									FMM	
									150	
									FMB9	
									00	
									FMB9	
									20	
									FMB9	
									10	
									FMB9	
									62	
									FMB9	
									64	
									FM30	
									01	
									FMB2	
									02	
									FMB2	
									04	
									FMB2	
									06	
									FMT1	
									00	
									MTB1	
									00	
									FMP1	
									00	
									FMB1	
									40	
									MSP5	
									00	
									FMC8	
									00	
									FMM	
									800	
									FMM	
									80A	

									FMBX	
									XX	
									FMB0	
									01	
									FMC0	
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									FMB1	
									30	
									FMU1	
									30	
									FMC1	
									30	
									FMB1	
									40	
									FMB1	
									50	
336	BLE Luminosity #2	2	Unsigned	0	0xFF	-	lx	Luminosity value of BLE sensor	FMC1	Bluetooth
			ned		FF				50	Low Energy
									FMM	
									150	
									FMB9	
									00	
									FMB9	
									20	
									FMB9	
									10	
									FMB9	
									62	
									FMB9	
									64	
									FM30	
									01	
									FMB2	
									02	
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									04	
									FMB2	
									06	
									FMT1	
									00	
									MTB1	
									00	
									FMP1	
									00	
									FMB1	
									40	
									MSP5	
									00	
									FMC8	
									00	
									FMM	
									800	
									FMM	
									80A	

									FMBX	
									XX	
									FMB0	
									01	
									FMC0	
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									FMU1	
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									FMB1	
									30	
									FMU1	
									30	
									FMC1	
									30	
									FMB1	
									40	
									FMB1	
									50	
337	BLE Luminosity #3	2	Unsigned	0	0xFF FF	-	lx	Luminosity value of BLE sensor	FMC1	Bluetooth
									50	Low Energy
									FMM	
									150	
									FMB9	
									00	
									FMB9	
									20	
									FMB9	
									10	
									FMB9	
									62	
									FMB9	
									64	
									FM30	
									01	
									FMB2	
									02	
									FMB2	
									04	
									FMB2	
									06	
									FMT1	
									00	
									MTB1	
									00	
									FMP1	
									00	
									FMB1	
									40	
									MSP5	
									00	
									FMC8	
									00	
									FMM	
									800	
									FMM	
									80A	

338	BLE Luminosity #4	2	Unsigned	0	0xFF	-	lx	Luminosity value of BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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										FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	
331	BLE 1 Custom #1	Variable	HEX	0	-	-	-	Custom IO element for BLE sensor		Bluetooth Low Energy	

465	BLE 1 Custom #4	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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466	BLE 1 Custom #5	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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467	BLE 2 Custom #2	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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468	BLE 2 Custom #3	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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469	BLE 2 Custom #4	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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470	BLE 2 Custom #5	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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471	BLE 3 Custom #2	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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472	BLE 3 Custom #3	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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473	BLE 3 Custom #4	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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474	BLE 3 Custom #5	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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475	BLE 4 Custom #2	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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476	BLE 4 Custom #3	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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477	BLE 4 Custom #4	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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478	BLE 4 Custom #5	4	UNSI GNED LONG INT	0	42949 67295	-	-	Custom IO element for BLE sensor	FMBX XX FMB0 01 FMC0 01 FMB0 10 FMB0 02 FMB0 20 FMB0 03 FMB1 10 FMB1 20 FMB1 22 FMB1 25 FMU1 25 FMC1 25 FMB1 30 FMU1 30 FMC1 30 FMB1 40 FMB1 50 FMC1 50 FMM 150 FMB9 00 FMB9 20 FMB9 10 FMB9 62 FMB9 64 FM30 01 FMB2 02 FMB2 04 FMB2 06 FMT1 00 MTB1 00 FMP1 00 FMB1 40 MSP5 00 FMC8 00 FMM 800 FMM 80A	Bluetooth Low Energy
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133	Tachograph Total Vehicle Distance	4	Unsigned	0	4294987295	-	m	Tachog Total Vehicle Distance	FM30XX 04a0110 04a0111 04a0112 04a0113 04a0114 04a0115 04a0116 04a0117 04a0118 04a0119 04a0120	ALLCAN300
134	Trip Distance	4	Unsigned	0	4294987295	-	m	Trip distance	FM30XX 04a0121 04a0122 04a0123 04a0124 04a0125 04a0126 04a0127 04a0128 04a0129 04a0130	ALLCAN300
135	Tachograph Vehicle Speed	2	Unsigned	0	255	-	km/h	Tachog vehicle speed	FM30XX 04a0131 04a0132 04a0133 04a0134 04a0135 04a0136 04a0137 04a0138 04a0139 04a0140	ALLCAN300
136	Tachog Driver Card Presence	1	Unsigned	0	3	-	-	Tachog Driver Card Presence	FM30XX 04a0141 04a0142 04a0143 04a0144 04a0145 04a0146 04a0147 04a0148 04a0149 04a0150	ALLCAN300
137	Driver 1 Status	1	Unsigned	0	255	-	-	Driver 1 Status	FM30XX 04a0151 04a0152 04a0153 04a0154 04a0155 04a0156 04a0157 04a0158 04a0159 04a0160	ALLCAN300
138	Driver 2 Status	1	Unsigned	0	255	-	-	Driver 2 Status	FM30XX 04a0161 04a0162 04a0163 04a0164 04a0165 04a0166 04a0167 04a0168 04a0169 04a0170	ALLCAN300
139	Driver 1 Continuous Driving Time	2	Unsigned	0	65535	-	min.	Driver 1 Continuous Driving Time, minutes	FM30XX 04a0171 04a0172 04a0173 04a0174 04a0175 04a0176 04a0177 04a0178 04a0179 04a0180	ALLCAN300
140	Driver 2 Continuous Driving Time	2	Unsigned	0	65535	-	min.	Driver 2 Continuous Driving Time, minutes	FM30XX 04a0181 04a0182 04a0183 04a0184 04a0185 04a0186 04a0187 04a0188 04a0189 04a0190	ALLCAN300
141	Driver 1 Cumulative Break Time	2	Unsigned	0	65535	-	min.	Driver 1 Cumulative Break Time, minutes	FM30XX 04a0191 04a0192 04a0193 04a0194 04a0195 04a0196 04a0197 04a0198 04a0199 04a0200	ALLCAN300
142	Driver 2 Cumulative Break Time	2	Unsigned	0	65535	-	min.	Driver 2 Cumulative Break Time, minutes	FM30XX 04a0201 04a0202 04a0203 04a0204 04a0205 04a0206 04a0207 04a0208 04a0209 04a0210	ALLCAN300
143	Driver 1 Selected Activity Duration	2	Unsigned	0	65535	-	min.	Driver 1 Duration Of Selected Activity, minutes	FM30XX 04a0211 04a0212 04a0213 04a0214 04a0215 04a0216 04a0217 04a0218 04a0219 04a0220	ALLCAN300
144	Driver 2 Selected Activity Duration	2	Unsigned	0	65535	-	min.	Driver 2 Duration Of Selected Activity, minutes	FM30XX 04a0221 04a0222 04a0223 04a0224 04a0225 04a0226 04a0227 04a0228 04a0229 04a0230	ALLCAN300
145	Driver 1 Cumulative Driving Time	2	Unsigned	0	65535	-	min.	Driver 1 Cumulative Driving Time, minutes	FM30XX 04a0231 04a0232 04a0233 04a0234 04a0235 04a0236 04a0237 04a0238 04a0239 04a0240	ALLCAN300
146	Driver 2 Cumulative Driving Time	2	Unsigned	0	65535	-	min.	Driver 2 Cumulative Driving Time, minutes	FM30XX 04a0241 04a0242 04a0243 04a0244 04a0245 04a0246 04a0247 04a0248 04a0249 04a0250	ALLCAN300
147	Driver 1 ID High	8	Unsigned	0	0aFFFFFFFFFFFFFF	-	-	Driver 1 ID High	FM30XX 04a0251 04a0252 04a0253 04a0254 04a0255 04a0256 04a0257 04a0258 04a0259 04a0260	ALLCAN300
148	Driver 1 ID Low	8	Unsigned	0	0aFFFFFFFFFFFFFF	-	-	Driver 1 ID Low	FM30XX 04a0261 04a0262 04a0263 04a0264 04a0265 04a0266 04a0267 04a0268 04a0269 04a0270	ALLCAN300
149	Driver 2 ID High	8	Unsigned	0	0aFFFFFFFFFFFFFF	-	-	Driver 2 ID High	FM30XX 04a0271 04a0272 04a0273 04a0274 04a0275 04a0276 04a0277 04a0278 04a0279 04a0280	ALLCAN300
150	Driver 2 ID Low	8	Unsigned	0	0aFFFFFFFFFFFFFF	-	-	Driver 2 ID Low	FM30XX 04a0281 04a0282 04a0283 04a0284 04a0285 04a0286 04a0287 04a0288 04a0289 04a0290	ALLCAN300
151	Battery Temperature	2	Signed	-600	1270	0.1	°C	Battery temperature in Celsius	FM30XX 04a0291 04a0292 04a0293 04a0294 04a0295 04a0296 04a0297 04a0298 04a0299 04a0300	ALLCAN300
152	BV Battery Level	1	Unsigned	0	100	-	%	Battery level in percent	FM30XX 04a0301 04a0302 04a0303 04a0304 04a0305 04a0306 04a0307 04a0308 04a0309 04a0310	ALLCAN300, CANCONTROL
160	DTC Faults	1	Unsigned	0	255	-	-	DTC faults Count	FM30XX 04a0311 04a0312 04a0313 04a0314 04a0315 04a0316 04a0317 04a0318 04a0319 04a0320	ALLCAN300, CANCONTROL
161	Slope of Arm	2	Signed	-3276	3276	-	Degrees °	Slope Of Arm	FM30XX 04a0321 04a0322 04a0323 04a0324 04a0325 04a0326 04a0327 04a0328 04a0329 04a0330	ALLCAN300
162	Rotation of Arm	2	Signed	-180	180	-	Degrees °	Rotation Of Arm	FM30XX 04a0331 04a0332 04a0333 04a0334 04a0335 04a0336 04a0337 04a0338 04a0339 04a0340	ALLCAN300
163	Eject of Arm	2	Unsigned	0	6553	-	m	Eject of arm	FM30XX 04a0341 04a0342 04a0343 04a0344 04a0345 04a0346 04a0347 04a0348 04a0349 04a0350	ALLCAN300

144	Horizontal Distance Arm Vehicle	2	Unassigned	0	6553	-	m	Horizontal Distance Arm Vehicle	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
145	Height Arm Above Ground	2	Unassigned	0	6553	-	m	Height Arm Above Ground	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
146	Roll RPM	2	Unassigned	0	65535	-	rpm	Roll RPM	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
147	Amount Of Spread Salt Square Meter	2	Unassigned	0	655	-	g/m ²	Amount Of Spread Salt Square Meter	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
148	Battery Voltage	2	Unassigned	0	6553	-	V	Battery Voltage	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
149	Amount Of Spread Fine Grained Salt	4	Unassigned	0	167722	-	T	Amount Of Spread Fine Grained Salt	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
170	Amount Of Coarse Grained Salt	4	Unassigned	0	167722	-	T	Amount Of Coarse Grained Salt	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
171	Amount Of Spread DDMs	4	Unassigned	0	167722	-	T	Amount Of Spread DDMs	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
172	Amount Of Spread Coarse Grained Calcium	4	Unassigned	0	167722	-	m ³	Amount Of Spread Coarse Grained Calcium	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
173	Amount Of Spread Calcium Chloride	4	Unassigned	0	167722	-	m ³	Amount Of Spread Calcium Chloride	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
174	Amount Of Spread Sodium Chloride	4	Unassigned	0	167722	-	m ³	Amount Of Spread Sodium Chloride	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
176	Amount Of Spread Magnesium Chloride	4	Unassigned	0	167722	-	m ³	Amount Of Spread Magnesium Chloride	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
177	Amount Of Spread Gravel	4	Unassigned	0	167722	-	T	Amount Of Spread Gravel	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
178	Amount Of Spread Sand	4	Unassigned	0	167722	-	T	Amount Of Spread Sand	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
183	Width Peering Left	2	Unassigned	0	655	-	m	Width Peering Left	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
184	Width Peering Right	2	Unassigned	0	655	-	m	Width Peering Right	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
185	Salt Spreader Working Hours	4	Unassigned	0	167722	-	h	Salt Spreader Working Hours	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
186	Distance During Salting	4	Unassigned	0	167722	-	km	Distance During Salting	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
187	Load Weight	4	Unassigned	0	16772215	-	kg	Load Weight	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
188	Retarder Load	1	Unassigned	0	130	-	%	Retarder Load in percent	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
189	Cruise Time	4	Unassigned	0	16772215	-	min	Cruise time in minutes	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	ALLCAND30
232	CNG Status	1	Unassigned	0	1	-	-	CNG Status	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	LVCAND30, CANCONTROL
233	CNG Used	4	Unassigned	0	16772215	-	kg	CNG used	FM8XX 204110 204111 204112 204113 204114 204115 204116 204117 204118 204119 204120	LVCAND30, CANCONTROL

ID	Name	Count	Unit	Value	Min	Max	Scale	Resolution	Display	Control	Notes
214	CNG Level	1	Unassigned	0	100	-	%		CNG Level	CANCONTROL	
225	Oil Level	1	Unassigned	0	1	-			Engine Oil Level Indicator Status	CANCONTROL	
304	Vehicle Range On Battery	4	Unassigned	0	1677215	-	m		Vehicle Range on Battery	CANCONTROL	
305	Vehicle Range On Additional Fuel	4	Unassigned	0	1677215	-	m		Vehicle Range On Additional Fuel	CANCONTROL	
325	VIN	17	ASCII	0	0xFF	-			VIN number	CANCONTROL	
352	Fault Codes	Variable	-	0	128	-			DTC Fault codes	CANCONTROL	
517	Security State Flags P4	8	HEX	0	0xFFFFFFFF	-			Security state flags protocol 4, more information click here Link	ALLCAN300	
518	Control State Flags P4	8	HEX	0	0xFFFFFFFF	-			Control state flags protocol 4, more information click here Link	ALLCAN300	
519	Indicator State Flags P4	8	HEX	0	0xFFFFFFFF	-			Indicator state flags protocol 4, more information click here Link	ALLCAN300	
520	Agricultural State Flags P4	8	HEX	0	0xFFFFFFFF	-			Agricultural state flags protocol 4, more information click here Link	ALLCAN300	
521	Utility State Flags P4	8	HEX	0	0xFFFFFFFF	-			Utility state flags protocol 4, more information click here Link	ALLCAN300	
522	Custom State Flags P4	8	HEX	0	0xFFFFFFFF	-			Custom state flags protocol 4, more information click here Link	ALLCAN300	
855	LNG Used	4	Unassigned	0	214748364	-	kg		Total LNG used in kilograms	ALLCAN300, CANCONTROL	
856	LNG Used (converted)	4	Unassigned	0	214748364	-	kg		Total LNG used converted to kg	ALLCAN300, CANCONTROL	
857	LNG Level	2	Unassigned	0	100	-	%		LNG level in perc	ALLCAN300, CANCONTROL	
858	LNG Level	2	Unassigned	0	65535	-	kg		LPG level in kg	ALLCAN300, CANCONTROL	
1100	Total LPG Used	4	Unassigned	0	4294967295	-	l		Total LPG used in liters	LYCAN	
1101	Total LPG Used (converted)	4	Unassigned	0	4294967295	-	l		Total LPG used converted to liters	LYCAN	
1102	LPG Level Proc	2	Unassigned	0	65535	-	%		LPG level in perc	LYCAN	
1103	LPG Level Liters	2	Unassigned	0	65535	-	l		LPG level in liters	LYCAN	
898	SSF Ignition	1	Unassigned	0	1	-			0 - No 1 - Yes	LYCAN, ALLCAN300, CANCONTROL	
452	SSF KeyIgnitionLock	1	Unassigned	0	1	-			0 - No key in lock 1 - Key in lock	ALLCAN300, CANCONTROL	
899	SSF Weights	1	Unassigned	0	1	-			0 - No 1 - Yes	ALLCAN300	
900	SSF Engine Working	1	Unassigned	0	1	-			0 - No 1 - Yes	ALLCAN300, CANCONTROL	
901	SSF Standalone Engine	1	Unassigned	0	1	-			0 - No 1 - Yes	ALLCAN300	
902	SSF Ready To Drive	1	Unassigned	0	1	-			0 - No 1 - Yes	ALLCAN300, CANCONTROL	
903	SSF Engine Working On CNG	1	Unassigned	0	1	-			0 - No 1 - Yes	ALLCAN300, CANCONTROL	
904	SSF Work Mode	1	Unassigned	0	1	-			0 - Private 1 - Company	ALLCAN300	
905	SSF Operator	1	Unassigned	0	1	-			0 - Not present 1 - Present	ALLCAN300	
906	SSF Interlock	1	Unassigned	0	1	-			0 - Off 1 - On	ALLCAN300	
907	SSF Engine Lock Active	1	Unassigned	0	1	-			0 - Inactive 1 - Active	CANCONTROL	
908	SSF Request To Lock Engine	1	Unassigned	0	1	-			0 - Off 1 - On	CANCONTROL	
653	SSF Handbrake Is Active	1	Unassigned	0	1	-			0 - Handbrake inactive 1 - Handbrake active	ALLCAN300, CANCONTROL	
910	SSF Footbrake Is Active	1	Unassigned	0	1	-			0 - Footbrake inactive 1 - Footbrake active	ALLCAN300, CANCONTROL	
911	SSF Clutch Pushed	1	Unassigned	0	1	-			0 - Clutch is pushed 1 - Clutch is not pushed	ALLCAN300, CANCONTROL	
912	SSF Hazard Warning Lights	1	Unassigned	0	1	-			0 - Hazard warning lights on 1 - Hazard warning lights off	ALLCAN300, CANCONTROL	

927	SSF Drive In Active (Automatic gear box)	1	Unassigned	0	1	-	-	0 - Inactive 1 - Active	FM8XX 126110 126111 126112 126113 126114 126115 126116 126117 126118 126119 126120 126121 126122 126123 126124 126125 126126 126127 126128 126129 126130	ALLCAN30, CANCONTROL
1083	SSF Engine Working On Dual Fuel	1	Unassigned	0	1	-	-	0 - Not working 1 - Working	FM8XX 126131 126132 126133 126134 126135 126136 126137 126138 126139 126140 126141 126142 126143 126144 126145 126146 126147 126148 126149 126150	ALLCAN30
1084	SSF Engine Working On LPG	1	Unassigned	0	1	-	-	0 - Not working 1 - Working	FM8XX 126151 126152 126153 126154 126155 126156 126157 126158 126159 126160 126161 126162 126163 126164 126165 126166 126167 126168 126169 126170	ALLCAN30
928	CSF Parking Lights	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126171 126172 126173 126174 126175 126176 126177 126178 126179 126180 126181 126182 126183 126184 126185 126186 126187 126188 126189 126190	ALLCAN30, CANCONTROL
929	CSF Dipped Head Lights	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126191 126192 126193 126194 126195 126196 126197 126198 126199 126200 126201 126202 126203 126204 126205 126206 126207 126208 126209 126210	ALLCAN30, CANCONTROL
930	CSF Full Beam Headlights	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126211 126212 126213 126214 126215 126216 126217 126218 126219 126220 126221 126222 126223 126224 126225 126226 126227 126228 126229 126230	ALLCAN30, CANCONTROL
931	CSF Rear Fog Lights	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126231 126232 126233 126234 126235 126236 126237 126238 126239 126240 126241 126242 126243 126244 126245 126246 126247 126248 126249 126250	ALLCAN30, CANCONTROL
932	CSF Front Fog Lights	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126251 126252 126253 126254 126255 126256 126257 126258 126259 126260 126261 126262 126263 126264 126265 126266 126267 126268 126269 126270	ALLCAN30, CANCONTROL
933	CSF Additional Front Lights	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126271 126272 126273 126274 126275 126276 126277 126278 126279 126280 126281 126282 126283 126284 126285 126286 126287 126288 126289 126290	ALLCAN30
934	CSF Additional Rear Lights	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126291 126292 126293 126294 126295 126296 126297 126298 126299 126300 126301 126302 126303 126304 126305 126306 126307 126308 126309 126310	ALLCAN30
935	CSF Light Signal	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126311 126312 126313 126314 126315 126316 126317 126318 126319 126320 126321 126322 126323 126324 126325 126326 126327 126328 126329 126330	ALLCAN30
936	CSF Air Conditioning	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126331 126332 126333 126334 126335 126336 126337 126338 126339 126340 126341 126342 126343 126344 126345 126346 126347 126348 126349 126350	ALLCAN30
937	CSF Cruise Control	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126351 126352 126353 126354 126355 126356 126357 126358 126359 126360 126361 126362 126363 126364 126365 126366 126367 126368 126369 126370	ALLCAN30
938	CSF Automatic Retarder	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126371 126372 126373 126374 126375 126376 126377 126378 126379 126380 126381 126382 126383 126384 126385 126386 126387 126388 126389 126390	ALLCAN30
939	CSF Manual Retarder	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126391 126392 126393 126394 126395 126396 126397 126398 126399 126400 126401 126402 126403 126404 126405 126406 126407 126408 126409 126410	ALLCAN30
940	CSF Driver's Seatbelt Fastened	1	Unassigned	0	1	-	-	0 - Not fastened 1 - Fastened	FM8XX 126411 126412 126413 126414 126415 126416 126417 126418 126419 126420 126421 126422 126423 126424 126425 126426 126427 126428 126429 126430	ALLCAN30
941	CSF Front Driver's Seatbelt Fastened	1	Unassigned	0	1	-	-	0 - Not fastened 1 - Fastened	FM8XX 126431 126432 126433 126434 126435 126436 126437 126438 126439 126440 126441 126442 126443 126444 126445 126446 126447 126448 126449 126450	ALLCAN30
942	CSF Left Driver's Seatbelt Fastened	1	Unassigned	0	1	-	-	0 - Not fastened 1 - Fastened	FM8XX 126451 126452 126453 126454 126455 126456 126457 126458 126459 126460 126461 126462 126463 126464 126465 126466 126467 126468 126469 126470	ALLCAN30
943	CSF Right Driver's Seatbelt Fastened	1	Unassigned	0	1	-	-	0 - Not fastened 1 - Fastened	FM8XX 126471 126472 126473 126474 126475 126476 126477 126478 126479 126480 126481 126482 126483 126484 126485 126486 126487 126488 126489 126490	ALLCAN30
944	CSF Centre Driver's Seatbelt Fastened	1	Unassigned	0	1	-	-	0 - Not fastened 1 - Fastened	FM8XX 126491 126492 126493 126494 126495 126496 126497 126498 126499 126500 126501 126502 126503 126504 126505 126506 126507 126508 126509 126510	ALLCAN30
945	CSF Front Passenger Present	1	Unassigned	0	1	-	-	0 - Not present 1 - Present	FM8XX 126511 126512 126513 126514 126515 126516 126517 126518 126519 126520 126521 126522 126523 126524 126525 126526 126527 126528 126529 126530	ALLCAN30
946	CSF PTO	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126531 126532 126533 126534 126535 126536 126537 126538 126539 126540 126541 126542 126543 126544 126545 126546 126547 126548 126549 126550	ALLCAN30
947	CSF Front Differential Locked	1	Unassigned	0	1	-	-	0 - Unlocked 1 - Locked	FM8XX 126551 126552 126553 126554 126555 126556 126557 126558 126559 126560 126561 126562 126563 126564 126565 126566 126567 126568 126569 126570	ALLCAN30
948	CSF Rear Differential Locked	1	Unassigned	0	1	-	-	0 - Unlocked 1 - Locked	FM8XX 126571 126572 126573 126574 126575 126576 126577 126578 126579 126580 126581 126582 126583 126584 126585 126586 126587 126588 126589 126590	ALLCAN30

971	ISF FAP Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126110 126111 126112 126113 126114 126115 126116 126117 126118 126119 126120 126121 126122 126123 126124 126125 126126 126127 126128 126129 126130	ALLCAN300
972	ISF EPC (Electronic Power Control) Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126131 126132 126133 126134 126135 126136 126137 126138 126139 126140 126141 126142 126143 126144 126145 126146 126147 126148 126149 126150	ALLCAN300
973	ISF Chipped Engine Oil Filter Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126151 126152 126153 126154 126155 126156 126157 126158 126159 126160 126161 126162 126163 126164 126165 126166 126167 126168 126169 126170	ALLCAN300
974	ISF Low Engine Oil Pressure Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126171 126172 126173 126174 126175 126176 126177 126178 126179 126180 126181 126182 126183 126184 126185 126186 126187 126188 126189 126190	ALLCAN300
975	ISF Too High Engine Oil Temperature Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126191 126192 126193 126194 126195 126196 126197 126198 126199 126200 126201 126202 126203 126204 126205 126206 126207 126208 126209 126210	ALLCAN300
976	ISF Low Coolant Level Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126211 126212 126213 126214 126215 126216 126217 126218 126219 126220 126221 126222 126223 126224 126225 126226 126227 126228 126229 126230	ALLCAN300
977	ISF Chipped Hydraulic System Oil Filter Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126231 126232 126233 126234 126235 126236 126237 126238 126239 126240 126241 126242 126243 126244 126245 126246 126247 126248 126249 126250	ALLCAN300
978	ISF Hydraulic System Low Pressure Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126251 126252 126253 126254 126255 126256 126257 126258 126259 126260 126261 126262 126263 126264 126265 126266 126267 126268 126269 126270	ALLCAN300
979	ISF Hydraulic Oil Low Level Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126271 126272 126273 126274 126275 126276 126277 126278 126279 126280 126281 126282 126283 126284 126285 126286 126287 126288 126289 126290	ALLCAN300
980	ISF Hydraulic System High Temperature Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126291 126292 126293 126294 126295 126296 126297 126298 126299 126300 126301 126302 126303 126304 126305 126306 126307 126308 126309 126310	ALLCAN300
981	ISF Oil Overflow In Hydraulic Chamber Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126311 126312 126313 126314 126315 126316 126317 126318 126319 126320 126321 126322 126323 126324 126325 126326 126327 126328 126329 126330	ALLCAN300
982	ISF Chipped Air Filter Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126331 126332 126333 126334 126335 126336 126337 126338 126339 126340 126341 126342 126343 126344 126345 126346 126347 126348 126349 126350	ALLCAN300
983	ISF Chipped Fuel Filter Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126351 126352 126353 126354 126355 126356 126357 126358 126359 126360 126361 126362 126363 126364 126365 126366 126367 126368 126369 126370	ALLCAN300
984	ISF Water in Fuel Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126371 126372 126373 126374 126375 126376 126377 126378 126379 126380 126381 126382 126383 126384 126385 126386 126387 126388 126389 126390	ALLCAN300
985	ISF Chipped Brake System Filter Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126391 126392 126393 126394 126395 126396 126397 126398 126399 126400 126401 126402 126403 126404 126405 126406 126407 126408 126409 126410	ALLCAN300
986	ISF Low Washer Fluid Level Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126411 126412 126413 126414 126415 126416 126417 126418 126419 126420 126421 126422 126423 126424 126425 126426 126427 126428 126429 126430	LUCAN, ALLCAN300
987	ISF Low AdBlue Level Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126431 126432 126433 126434 126435 126436 126437 126438 126439 126440 126441 126442 126443 126444 126445 126446 126447 126448 126449 126450	LUCAN, ALLCAN300
988	ISF Low Trailer Tyre Pressure Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126451 126452 126453 126454 126455 126456 126457 126458 126459 126460 126461 126462 126463 126464 126465 126466 126467 126468 126469 126470	ALLCAN300
989	ISF Wear Of Trailer Brake Lining Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126471 126472 126473 126474 126475 126476 126477 126478 126479 126480 126481 126482 126483 126484 126485 126486 126487 126488 126489 126490	ALLCAN300
990	ISF High Trailer Brake Temperature Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126491 126492 126493 126494 126495 126496 126497 126498 126499 126500 126501 126502 126503 126504 126505 126506 126507 126508 126509 126510	ALLCAN300
991	ISF Incorrect Trailer Pneumatic Supply Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126511 126512 126513 126514 126515 126516 126517 126518 126519 126520 126521 126522 126523 126524 126525 126526 126527 126528 126529 126530	ALLCAN300
992	ISF Low CMC Level Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126531 126532 126533 126534 126535 126536 126537 126538 126539 126540 126541 126542 126543 126544 126545 126546 126547 126548 126549 126550	LUCAN, ALLCAN300
993	ASF Right Joystick Moved Right Active	1	Unassigned	0	1	-	-	0 - Inactive 1 - Active	FM8XX 126551 126552 126553 126554 126555 126556 126557 126558 126559 126560 126561 126562 126563 126564 126565 126566 126567 126568 126569 126570	ALLCAN300
994	ASF Right Joystick Moved Left Active	1	Unassigned	0	1	-	-	0 - Inactive 1 - Active	FM8XX 126571 126572 126573 126574 126575 126576 126577 126578 126579 126580 126581 126582 126583 126584 126585 126586 126587 126588 126589 126590	ALLCAN300

1094	ASF Section 5 Spraying	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126110 126111 126112 126113 126114 126115 126116 126117 126118 126119 126120	ALLCAND30
1095	ASF Section 6 Spraying	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126121 126122 126123 126124 126125 126126 126127 126128 126129 126130	ALLCAND30
1096	ASF Section 7 Spraying	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126131 126132 126133 126134 126135 126136 126137 126138 126139 126140	ALLCAND30
1097	ASF Section 8 Spraying	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126141 126142 126143 126144 126145 126146 126147 126148 126149 126150	ALLCAND30
1098	ASF Section 9 Spraying	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126151 126152 126153 126154 126155 126156 126157 126158 126159 126160	ALLCAND30
1036	USF Spreading	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126161 126162 126163 126164 126165 126166 126167 126168 126169 126170	ALLCAND30
1037	USF Picking Chemicals	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126171 126172 126173 126174 126175 126176 126177 126178 126179 126180	ALLCAND30
1038	USF Conveyor Belt	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126181 126182 126183 126184 126185 126186 126187 126188 126189 126190	ALLCAND30
1039	USF Salt Spreader's Drive Wheel	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126191 126192 126193 126194 126195 126196 126197 126198 126199 126200	ALLCAND30
1040	USF Brushes	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126201 126202 126203 126204 126205 126206 126207 126208 126209 126210	ALLCAND30
1041	USF Vacuum Cleaner	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126211 126212 126213 126214 126215 126216 126217 126218 126219 126220	ALLCAND30
1042	USF Water Supply	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126221 126222 126223 126224 126225 126226 126227 126228 126229 126230	ALLCAND30
1043	USF Spreading	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126231 126232 126233 126234 126235 126236 126237 126238 126239 126240	ALLCAND30
1044	USF Liquid pump	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126241 126242 126243 126244 126245 126246 126247 126248 126249 126250	ALLCAND30
1045	USF Unloading From The Hopper	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126251 126252 126253 126254 126255 126256 126257 126258 126259 126260	ALLCAND30
1046	USF Low Salt (Sand) Level In Container Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126261 126262 126263 126264 126265 126266 126267 126268 126269 126270	ALLCAND30
1047	USF Low Water Level In Container Indicator	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126271 126272 126273 126274 126275 126276 126277 126278 126279 126280	ALLCAND30
1048	USF Chemicals	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126281 126282 126283 126284 126285 126286 126287 126288 126289 126290	ALLCAND30
1049	USF Compressor	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126291 126292 126293 126294 126295 126296 126297 126298 126299 126300	ALLCAND30
1050	USF Water Valve Is Opened	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126301 126302 126303 126304 126305 126306 126307 126308 126309 126310	ALLCAND30
1051	USF Cabin Moved Up Status Active	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126311 126312 126313 126314 126315 126316 126317 126318 126319 126320	ALLCAND30
1052	USF Cabin Moved Down Status Active	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126321 126322 126323 126324 126325 126326 126327 126328 126329 126330	ALLCAND30
1099	USF Hydraulic Work Not Permitted	1	Unassigned	0	1	-	-	0 - Off 1 - On	FM8XX 126331 126332 126333 126334 126335 126336 126337 126338 126339 126340	ALLCAND30
1053	OSF Section 1 Presence Of Fluid In The Dumps	1	Unassigned	0	1	-	-	0 - No presence 1 - Present	FM8XX 126341 126342 126343 126344 126345 126346 126347 126348 126349 126350	ALLCAND30

1054	CSP Section 1 Filled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126110 126111 126112 126113 126114 126115 126116 126117 126118 126119 126120 126121 126122 126123 126124 126125 126126 126127 126128 126129 126130	ALLCAND30
1055	CSP Section 1 Overfilled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126131 126132 126133 126134 126135 126136 126137 126138 126139 126140 126141 126142 126143 126144 126145 126146 126147 126148 126149 126150	ALLCAND30
1056	CSP Section 2 Presence Of Fluid In The Downpipe	1	Unassigned	0	1	-	-	0 - No presence 1 - Present	FM8XX 126151 126152 126153 126154 126155 126156 126157 126158 126159 126160 126161 126162 126163 126164 126165 126166 126167 126168 126169 126170	ALLCAND30
1057	CSP Section 2 Filled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126171 126172 126173 126174 126175 126176 126177 126178 126179 126180 126181 126182 126183 126184 126185 126186 126187 126188 126189 126190	ALLCAND30
1058	CSP Section 2 Overfilled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126191 126192 126193 126194 126195 126196 126197 126198 126199 126200 126201 126202 126203 126204 126205 126206 126207 126208 126209 126210	ALLCAND30
1059	CSP Section 3 Presence Of Fluid In The Downpipe	1	Unassigned	0	1	-	-	0 - No presence 1 - Present	FM8XX 126211 126212 126213 126214 126215 126216 126217 126218 126219 126220 126221 126222 126223 126224 126225 126226 126227 126228 126229 126230	ALLCAND30
1060	CSP Section 3 Filled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126231 126232 126233 126234 126235 126236 126237 126238 126239 126240 126241 126242 126243 126244 126245 126246 126247 126248 126249 126250	ALLCAND30
1061	CSP Section 3 Overfilled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126251 126252 126253 126254 126255 126256 126257 126258 126259 126260 126261 126262 126263 126264 126265 126266 126267 126268 126269 126270	ALLCAND30
1062	CSP Section 4 Presence Of Fluid In The Downpipe	1	Unassigned	0	1	-	-	0 - No presence 1 - Present	FM8XX 126271 126272 126273 126274 126275 126276 126277 126278 126279 126280 126281 126282 126283 126284 126285 126286 126287 126288 126289 126290	ALLCAND30
1063	CSP Section 4 Filled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126291 126292 126293 126294 126295 126296 126297 126298 126299 126300 126301 126302 126303 126304 126305 126306 126307 126308 126309 126310	ALLCAND30
1064	CSP Section 4 Overfilled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126311 126312 126313 126314 126315 126316 126317 126318 126319 126320 126321 126322 126323 126324 126325 126326 126327 126328 126329 126330	ALLCAND30
1065	CSP Section 5 Presence Of Fluid In The Downpipe	1	Unassigned	0	1	-	-	0 - No presence 1 - Present	FM8XX 126331 126332 126333 126334 126335 126336 126337 126338 126339 126340 126341 126342 126343 126344 126345 126346 126347 126348 126349 126350	ALLCAND30
1066	CSP Section 5 Filled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126351 126352 126353 126354 126355 126356 126357 126358 126359 126360 126361 126362 126363 126364 126365 126366 126367 126368 126369 126370	ALLCAND30
1067	CSP Section 5 Overfilled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126371 126372 126373 126374 126375 126376 126377 126378 126379 126380 126381 126382 126383 126384 126385 126386 126387 126388 126389 126390	ALLCAND30
1068	CSP Section 6 Presence Of Fluid In The Downpipe	1	Unassigned	0	1	-	-	0 - No presence 1 - Present	FM8XX 126391 126392 126393 126394 126395 126396 126397 126398 126399 126400 126401 126402 126403 126404 126405 126406 126407 126408 126409 126410	ALLCAND30
1069	CSP Section 6 Filled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126411 126412 126413 126414 126415 126416 126417 126418 126419 126420 126421 126422 126423 126424 126425 126426 126427 126428 126429 126430	ALLCAND30
1070	CSP Section 6 Overfilled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126431 126432 126433 126434 126435 126436 126437 126438 126439 126440 126441 126442 126443 126444 126445 126446 126447 126448 126449 126450	ALLCAND30
1071	CSP Section 7 Presence Of Fluid In The Downpipe	1	Unassigned	0	1	-	-	0 - No presence 1 - Present	FM8XX 126451 126452 126453 126454 126455 126456 126457 126458 126459 126460 126461 126462 126463 126464 126465 126466 126467 126468 126469 126470	ALLCAND30
1072	CSP Section 7 Filled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126471 126472 126473 126474 126475 126476 126477 126478 126479 126480 126481 126482 126483 126484 126485 126486 126487 126488 126489 126490	ALLCAND30
1073	CSP Section 7 Overfilled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126491 126492 126493 126494 126495 126496 126497 126498 126499 126500 126501 126502 126503 126504 126505 126506 126507 126508 126509 126510	ALLCAND30
1074	CSP Section 8 Presence Of Fluid In The Downpipe	1	Unassigned	0	1	-	-	0 - No presence 1 - Present	FM8XX 126511 126512 126513 126514 126515 126516 126517 126518 126519 126520 126521 126522 126523 126524 126525 126526 126527 126528 126529 126530	ALLCAND30
1075	CSP Section 8 Filled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126531 126532 126533 126534 126535 126536 126537 126538 126539 126540 126541 126542 126543 126544 126545 126546 126547 126548 126549 126550	ALLCAND30
1076	CSP Section 8 Overfilled	1	Unassigned	0	1	-	-	0 - No 1 - Yes	FM8XX 126551 126552 126553 126554 126555 126556 126557 126558 126559 126560 126561 126562 126563 126564 126565 126566 126567 126568 126569 126570	ALLCAND30
400	Distance to Next Service	4	Unassigned	0	4294907295	-	-		FM8XX 126571 126572 126573 126574 126575 126576 126577 126578 126579 126580 126581 126582 126583 126584 126585 126586 126587 126588 126589 126590	CAN adapters

450	CNG Level Kg	2	Unassigned	0	65335	10	Kg	CNG Level Kg (appears only if CNG level percentage is not available)	FMXXXX 1264116 1264117 1264118 1264119 1264120 1264121 1264122 1264123 1264124 1264125 1264126 1264127 1264128 1264129 1264130	CAN adapters
459	Distance from need of service	4	Unassigned	0	4294967295	-	km	Service - distance elapsed since the occurrence of the need for servicing	FMXXXX 1264131 1264132 1264133 1264134 1264135 1264136 1264137 1264138 1264139 1264140	CAN adapters
460	Distance from last service	4	Unassigned	0	4294967295	-	km	Service - distance from the last service	FMXXXX 1264141 1264142 1264143 1264144 1264145 1264146 1264147 1264148 1264149 1264150	CAN adapters
461	Time to next service	2	Unassigned	0	65335	-	day	Service - time to next service	FMXXXX 1264151 1264152 1264153 1264154 1264155 1264156 1264157 1264158 1264159 1264160	CAN adapters
462	Time from need of service	2	Unassigned	0	65335	-	day	Service - time exceeded since the occurrence of the need for servicing	FMXXXX 1264161 1264162 1264163 1264164 1264165 1264166 1264167 1264168 1264169 1264170	CAN adapters
463	Time from last service	2	Unassigned	0	65335	-	day	Service - time elapsed since the last service	FMXXXX 1264171 1264172 1264173 1264174 1264175 1264176 1264177 1264178 1264179 1264180	CAN adapters
464	Distance to next oil service	4	Unassigned	0	4294967295	-	km	Service - distance to next oil service	FMXXXX 1264181 1264182 1264183 1264184 1264185 1264186 1264187 1264188 1264189 1264190	CAN adapters
465	Time to next oil service	2	Unassigned	0	65335	-	day	Service - time to next oil service	FMXXXX 1264191 1264192 1264193 1264194 1264195 1264196 1264197 1264198 1264199 1264200	CAN adapters
466	LVCAN Vehicle Range	4	Unassigned	0	4294967295	-	km	Information about vehicle range	FMXXXX 1264201 1264202 1264203 1264204 1264205 1264206 1264207 1264208 1264209 1264210	CAN adapters
467	LVCAN Total CNG coated	4	Unassigned	0	65335	-	kg	Information about Total CNG used in coated mode	FMXXXX 1264211 1264212 1264213 1264214 1264215 1264216 1264217 1264218 1264219 1264220	CAN adapters
1079	Total Bale Count	4	Unassigned	0	04FFFFFFF	-	-	Total Bale Count	FMXXXX 1264221 1264222 1264223 1264224 1264225 1264226 1264227 1264228 1264229 1264230	CAN adapters
1080	Bale Count	4	Unassigned	0	04FFFFFFF	-	-	Bale Count	FMXXXX 1264231 1264232 1264233 1264234 1264235 1264236 1264237 1264238 1264239 1264240	CAN adapters
1081	Cut Bale Count	4	Unassigned	0	04FFFFFFF	-	-	Cut Bale Count	FMXXXX 1264241 1264242 1264243 1264244 1264245 1264246 1264247 1264248 1264249 1264250	CAN adapters
1082	Bale Slices	4	Unassigned	0	04FFFFFFF	-	-	Bale Slices	FMXXXX 1264251 1264252 1264253 1264254 1264255 1264256 1264257 1264258 1264259 1264260	CAN adapters
1116	LVCAN MaxRoadSpeed	1	Unassigned	0	255	-	km/h	Maximum speed from road signs	FMXXXX 1264261 1264262 1264263 1264264 1264265 1264266 1264267 1264268 1264269 1264270	CAN adapters
1117	LVCAN ExceededRoadSpeed	1	Unassigned	0	255	-	km/h	Exceeded speed from road signs	FMXXXX 1264271 1264272 1264273 1264274 1264275 1264276 1264277 1264278 1264279 1264280	CAN adapters
1205	LVCAN BSF SpeedLimitSign	1	Unassigned	0	1	-	-	Information of road sign "Speed limit with value" is recognized/cancelled	FMXXXX 1264281 1264282 1264283 1264284 1264285 1264286 1264287 1264288 1264289 1264290	CAN adapters
1206	LVCAN BSF EndOfSpeedLimitSign	1	Unassigned	0	1	-	-	Information of road sign "End of speed limit with value" is recognized/cancelled	FMXXXX 1264291 1264292 1264293 1264294 1264295 1264296 1264297 1264298 1264299 1264300	CAN adapters
1207	LVCAN BSF SpeedExceeded	1	Unassigned	0	1	-	-	Information if speed is exceeded indicated by road sign "Speed limit with value"	FMXXXX 1264301 1264302 1264303 1264304 1264305 1264306 1264307 1264308 1264309 1264310	CAN adapters
1208	LVCAN BSF TimeOfSpeedLimitSign	1	Unassigned	0	1	-	-	Information of road sign "Conditional time-specific speed limit with value" is recognized/cancelled	FMXXXX 1264311 1264312 1264313 1264314 1264315 1264316 1264317 1264318 1264319 1264320	CAN adapters
1209	LVCAN BSF WthrSpeedLimitSign	1	Unassigned	0	1	-	-	Information of road sign "Speed limit with value due to weather conditions" is recognized/cancelled	FMXXXX 1264321 1264322 1264323 1264324 1264325 1264326 1264327 1264328 1264329 1264330	CAN adapters