FMM150 Teltonika Data Sending Parameters ID

Document updated according to firmware FMB.Ver.03.28.07.Rev.152 and newer.

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

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Contents

- 1 Permanent I/O elements
- 2 Eventual I/O elements
- 3 OBD elements
- 4 OBD OEM elements
- 5 BLE Sensors I/O elements
- 6 CAN adapters elements

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 FMM150 FMU125 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	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 FMM150 FMU125 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Permanent I/O elements

									FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	
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		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 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	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 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	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 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	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 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Permanent I/O Elements

182	GNSS HDOP	2	Unsigned	0	500	0.1	Coefficient, calculation formula	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Permanent I/O Elements

66	External Voltage	2	Unsigned	0	65535	0.001	V	Voltage	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM150 FMU125 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Permanent I/O elements

24	Speed	2	Unsigned	0	350	-	km/h	GNSS Speed		FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Permanent I/O elements

205	GSM Cell ID	2	Unsigned	0	65535	-	-	GSM base station ID	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	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 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	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 FMM150 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM800 FMM80A	Permanent I/O elements

68	Battery Current	2	Unsigned	0	65535	0.001	A	Current	FMBXXX FMB001 FMC001 FMB010 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140 FMC800 FMM800 FMM80A	Permanent I/O elements

241	Active GSM Operator	4	Unsigned	0	4294967295	-	-	Currently used GSM Operator code	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Permanent I/O elements

199	Trip Odometer	4	Unsigned	0	2147483647	-	m	Trip Odometer value	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Permanent I/O elements

16	Total Odometer	4	Unsigned	0	2147483647	-	-	Total Odometer value in meters	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Permanent I/O elements

1	Digital Input 1	1	Unsigned	0	1	-	-	Logic: 0/1	FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 MTB100	Permanent I/O elements

9	Analog Input 1	2	Unsigned	0	65535	0.001	mV	Voltage	FMBXXX FMB001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 MTB100	Permanent I/O elements

179	Digital Output 1	1	Unsigned	0	1	-	-	Logic: 0/1		FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 MTB100	Permanent I/O elements

12	Fuel Used GPS	4	Unsigned	0	4294967295	0.001	l	Fuel Used	FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM800 FMM80A	Permanent I/O elements

13	Fuel Rate GPS	2	Unsigned	0	32767	0.01	l/100km	Average Fuel Use		FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM800 FMM80A	Permanent I/O elements

17	Axis X	2	Signed	-8000	8000	-	mG	X axis value	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Permanent I/O elements

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 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Permanent I/O elements

19	Axis Z	2	Signed	-8000	8000	-	mG	Z axis value	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Permanent I/O elements

11	ICCID1	8	Unsigned	0	0xffffffffffffffff	-	-	Value of SIM ICCID, MSB	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Permanent I/O elements

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	Permanent I/O elements

										FMBXXX FMB900 FMB910 FMB920 FMC920 FMM920 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB202 FMB204 FMB206 FMB640	
2	Digital Input 2	1	Unsigned	0	1	-	-	Logic: 0/1			Permanent I/O elements
										FMBXXX FMB110 FMB120 FMB122 FMB140 FMB150 FMC150 FMM150 FMB202 FMB204 FMB206 FMB640	
3	Digital Input 3	1	Unsigned	0	1	-	-	Logic: 0/1			Permanent I/O elements

6	Analog Input 2	2	Unsigned	0	65535	0.001	mV	Voltage	FMBXXX FMB110 FMB120 FMB122 FMB130 FMU130 FMC130 FMM130 FMB140	Permanent I/O elements
180	Digital Output 2	1	Unsigned	0	1	-	-	Logic 0/1	FMBXXX FMB110 FMB120 FMB122 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 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 FMM125 FMB130 FMB140 FMB150 FMC150 FMM150 FMU130 FMC130 FMM130 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 FMM125 FMB130 FMB140 FMB150 FMC150 FMM150 FMU130 FMC130 FMM130 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 FMM125 FMB130 FMB140 FMB150 FMC150 FMM150 FMU130 FMC130 FMM130 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 FMC125 FMM125 FMB130 FMB140 FMB150 FMC150 FMM150 FMU130 FMC130 FMM130 FMB202 FMB204 FMB206	Permanent I/O elements
76	Dallas Temperature ID 1	8	Unsigned	0	0xffffffffffffffff	-	-	Dallas sensor ID	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMB140 FMB150 FMC150 FMM150 FMU130 FMC130 FMM130 FMB202 FMB204 FMB206	Permanent I/O elements

77	Dallas Temperature ID 2	8	Unsigned	0	0xffffffffffffffff	-	-	Dallas sensor ID	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMB140 FMB150 FMC150 FMM150 FMU130 FMC130 FMM130 FMB202 FMB204 FMB206	Permanent I/O elements
79	Dallas Temperature ID 3	8	Unsigned	0	0xffffffffffffffff	-	-	Dallas sensor ID	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMB140 FMB150 FMC150 FMM150 FMU130 FMC130 FMM130 FMB202 FMB204 FMB206	Permanent I/O elements

71	Dallas Temperature ID 4	8	Unsigned	0	0xffffffffffffffff	-	-	Dallas sensor ID	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMB140 FMB150 FMC150 FMM150 FMU130 FMC130 FMM130 FMB202 FMB204 FMB206	Permanent I/O elements
78	iButton	8	Unsigned	0	0xffffffffffffffff	-	-	iButton ID	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMB140 FMB150 FMC150 FMM150 FMU130 FMC130 FMM130 FMB202 FMB204 FMB206 FMB125	Permanent I/O elements
207	RFID	8	Unsigned	0	0xffffffffffffffff	-	-	RFID ID	FMB125 FMU125 FMC125 FMM125	Permanent I/O elements

201	LLS 1 Fuel Level	2	Signed	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS232/RS485	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
202	LLS 1 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS232/RS485	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
203	LLS 2 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
204	LLS 2 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS485	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
210	LLS 3 Fuel Level	2	Unsigned	-4	32767	-	kvants or ltr	Fuel level measured by LLS sensor via RS485	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
211	LLS 3 Temperature	1	Signed	-128	127	-	°C	Fuel temperature measured by LLS via RS485	FMB125 FMB125 FMU125 FMC125 FMM125	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 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM800 FMM80A	Permanent I/O elements

113	Battery Level	1	Unsigned	0	100	-	%	Battery capacity level	FMBXXX FMB001 FMC001 FMB010 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM150 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM800 FMM80A	Permanent I/O elements

238	User ID	8	Unsigned	0	0xffffffffffffffff	-	-	MAC address of NMEA receiver device connected via Bluetooth®	FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB202 FMB204 FMB206 FMT100 FMP100 FMC001 FMC125 FMC130 FMM001 FMM125 FMM130 FMC800 FMM800 FMM80A FMC880 FMM880	Permanent I/O elements

237	Network Type	1	Unsigned	0	1	-	-	0 - 3G 1 - GSM 2 - 4G 3 - LTE CAT M1 4 - LTE CAT NB1 99 - Unknown	FM3001 FMU125 FMU126 FMU130 FMC125 FMC130 FMC150 FMM125 FMM130 FMM150 FMC001 FMM001 FMC800 FMM800 FMC880 FMM880 FMM80A FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMB140 FMB150 FMC150 FMM150 FMU130 FMC130 FMM130 FMB202 FMB204 FMB206	Permanent I/O elements
8	Authorized iButton	8	Unsigned	0	0xffffffffffffffff	-	-	If ID is shown in this I/O that means that attached iButton is in iButton List		Permanent I/O elements

4	Pulse Counter Din1	4	Unsigned	0	4294967295	-	-	Counts pulses, count is reset when records are saved	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130	Permanent I/O elements
5	Pulse Counter Din2	4	Unsigned	0	4294967295	-	-	Counts pulses, count is reset when records are saved	FMBXXX FMB110 FMB120 FMB122 FMB130 FMU130 FMC130 FMM130	Permanent I/O elements

263	BT Status	1	Unsigned	0	4	-	-	0 - BT is disabled 1 - BT Enabled, not device connected 2 - Device connected, BTv3 Only 3 - Device connected, BLE only 4 - Device connected, BLE + BT	FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM800 FMM80A	Permanent I/O elements

264	Barcode ID	Variable	ASCII	0	32	-	-	Barcode ID	FMBXXX FMB001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100	Permanent I/O elements
269	Escort LLS Temperature #1	2	Signed	-128	127	-	°C	Fuel temperature	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
270	Escort LLS Fuel level #1	2	Unsigned	0	65535	-	-	Fuel Level	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
271	Escort LLS Battery Voltage #1	2	Unsigned	0	65535	0.01	V	Battery Voltage	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements

272	Escort LLS Temperature #2	2	Signed	-128	127	-	°C	Fuel temperature	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
273	Escort LLS Fuel level #2	2	Unsigned	0	65535	-	-	Fuel Level	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
274	Escort LLS Battery Voltage #2	2	Unsigned	0	65535	0.01	V	Battery Voltage	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
275	Escort LLS Temperature #3	2	Signed	-128	127	-	°C	Fuel temperature	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
276	Escort LLS Fuel level #3	2	Unsigned	0	65535	-	-	Fuel Level	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
277	Escort LLS Battery Voltage #3	2	Unsigned	0	65535	0.01	V	Battery Voltage	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
278	Escort LLS Temperature #4	2	Signed	-128	127	-	°C	Fuel temperature	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
279	Escort LLS Fuel level #4	2	Unsigned	0	65535	-	-	Fuel Level	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements

280	Escort LLS Battery Voltage #4	2	Unsigned	0	65535	0.01	V	Battery Voltage	FMB125 FMB125 FMU125 FMC125 FMM125	Permanent I/O elements
303	Instant Movement	1	Unsigned	0	1	-	-	Logic: 0/1 returns movement value	FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100	Permanent I/O elements
327	UL202-02 Sensor Fuel level	2	Signed	-150	32767	0.1	mm	UL202-02 Sensor Fuel level	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	Permanent I/O elements
381	Ground Sense	1	Unsigned	0	1	-	-	Logic: 0/1	FMB130 FMU130 FMC130 FMM130 FMB140	Permanent I/O elements

387	ISO6709 Coordinates	34	HEX	0	0x7fffff ffffffffff	-	-	ISO6709 Coordinates Latitude, Longitude (in Degrees, Minutes and Seconds) and Altitude: IO value format: ±DDMMSS.SSSS±DDDMMSS.SSSS±AAA.AAA/	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Permanent I/O elements

636	UMTS/LTE Cell ID	4	Unsigned	0	0xFFFFFFFF	-	-		FMBXXX FMU125 FMU126 FMU130 FMC001 FMC125 FMC130 FMM001 FMM125 FMM130 FMC150 FMM150 FMC800 FMM800 FMM80A	Permanent I/O elements
403	Driver Name	35	Unsigned	-	-	-	-	Driver name extracted from card, displayed without delimiters ($ signs)	FMBXXX FMU126	Permanent I/O elements
404	Driver card license type	1	Unsigned	0	8	-	-	None - 0 B.1 license type - 1 B.2 license type - 2 B.3 license type - 3 B.4 license type - 4 T.1 license type - 5 T.2 license type - 6 T.3 license type - 7 T.4 license type - 8	FMBXXX FMU126	Permanent I/O elements
405	Driver Gender	1	Unsigned	0	2	-	-	None - 0 Male - 1 Female - 2	FMBXXX FMU126	Permanent I/O elements
406	Driver Card ID	4	Unsigned	0	4294967295	-	-	None - 0 Male - 1 Female - 2	FMBXXX FMU126	Permanent I/O elements
407	Driver card expiration date	1	Unsigned	0	9999	-	-		FMBXXX FMU126	Permanent I/O elements
408	Driver Card place of issue	4	Unsigned	0	65535	-	-	Extracted from card	FMBXXX FMU126	Permanent I/O Elements
409	Driver Status Event	1	Unsigned	0	2	-	-	Registered - 0 Deregistered - 1 Swapping - 2	FMBXXX FMU126	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

Eventual I/O elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range		Multiplier	Units	Description	HW Support	Parameter Group
				Min	Max					
155	Geofence zone 01	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC300 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMB140 FMB150 FMC130 FMM150 FMB900 FMB920 FMB962 FMB964 FMC001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Eventual I/O elements
156	Geofence zone 02	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC300 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMB140 FMB150 FMC130 FMM150 FMB900 FMB920 FMB962 FMB964 FMC001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Eventual I/O elements
157	Geofence zone 03	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC300 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMB140 FMB150 FMC130 FMM150 FMB900 FMB920 FMB962 FMB964 FMC001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Eventual I/O elements
158	Geofence zone 04	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC300 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMB140 FMB150 FMC130 FMM150 FMB900 FMB920 FMB962 FMB964 FMC001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Eventual I/O elements
159	Geofence zone 05	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC300 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMB140 FMB150 FMC130 FMM150 FMB900 FMB920 FMB962 FMB964 FMC001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Eventual I/O elements
61	Geofence zone 06	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC300 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMB140 FMB150 FMC130 FMM150 FMB900 FMB920 FMB962 FMB964 FMC001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Eventual I/O elements
62	Geofence zone 07	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC300 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMB140 FMB150 FMC130 FMM150 FMB900 FMB920 FMB962 FMB964 FMC001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Eventual I/O elements
63	Geofence zone 08	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC300 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMB140 FMB150 FMC130 FMM150 FMB900 FMB920 FMB962 FMB964 FMC001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Eventual I/O elements

64	Geofence zone 09	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC301 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB123 FMU125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB020 FMB962 FMB964 FM301 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMB400 FMB480A	Eventual I/O elements
65	Geofence zone 10	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC301 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB123 FMU125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB020 FMB962 FMB964 FM301 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMB400 FMB480A	Eventual I/O elements
70	Geofence zone 11	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC301 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB123 FMU125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB020 FMB962 FMB964 FM301 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMB400 FMB480A	Eventual I/O elements
88	Geofence zone 12	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC301 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB123 FMU125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB020 FMB962 FMB964 FM301 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMB400 FMB480A	Eventual I/O elements
91	Geofence zone 13	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC301 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB123 FMU125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB020 FMB962 FMB964 FM301 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMB400 FMB480A	Eventual I/O elements
92	Geofence zone 14	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC301 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB123 FMU125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB020 FMB962 FMB964 FM301 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMB400 FMB480A	Eventual I/O elements
93	Geofence zone 15	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC301 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB123 FMU125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB020 FMB962 FMB964 FM301 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMB400 FMB480A	Eventual I/O elements
94	Geofence zone 16	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC301 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB123 FMU125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB020 FMB962 FMB964 FM301 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMB400 FMB480A	Eventual I/O elements
95	Geofence zone 17	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC301 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB123 FMU125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB020 FMB962 FMB964 FM301 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMB400 FMB480A	Eventual I/O elements

96	Geofence zone 18	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMX125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB029 FMB062 FMB064 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMM600 FMM88A	Eventual I/O elements
97	Geofence zone 19	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMX125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB029 FMB062 FMB064 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMM600 FMM88A	Eventual I/O elements
98	Geofence zone 20	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMX125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB029 FMB062 FMB064 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMM600 FMM88A	Eventual I/O elements
99	Geofence zone 21	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMX125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB029 FMB062 FMB064 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMM600 FMM88A	Eventual I/O elements
153	Geofence zone 22	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMX125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB029 FMB062 FMB064 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMM600 FMM88A	Eventual I/O elements
154	Geofence zone 23	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMX125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB029 FMB062 FMB064 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMM600 FMM88A	Eventual I/O elements
190	Geofence zone 24	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMX125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB029 FMB062 FMB064 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMM600 FMM88A	Eventual I/O elements
191	Geofence zone 25	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMX125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB029 FMB062 FMB064 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMM600 FMM88A	Eventual I/O elements
192	Geofence zone 26	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMX125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB029 FMB062 FMB064 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMM600 FMM88A	Eventual I/O elements

193	Geofence zone 27	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC301 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMX125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB020 FMB062 FMB064 FM301 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMM600 FMM80A	Eventual I/O elements
194	Geofence zone 28	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC301 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMX125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB020 FMB062 FMB064 FM301 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMM600 FMM80A	Eventual I/O elements
195	Geofence zone 29	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC301 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMX125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB020 FMB062 FMB064 FM301 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMM600 FMM80A	Eventual I/O elements
196	Geofence zone 30	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC301 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMX125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB020 FMB062 FMB064 FM301 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMM600 FMM80A	Eventual I/O elements
197	Geofence zone 31	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC301 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMX125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB020 FMB062 FMB064 FM301 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMM600 FMM80A	Eventual I/O elements
198	Geofence zone 32	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC301 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMX125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB020 FMB062 FMB064 FM301 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMM600 FMM80A	Eventual I/O elements
208	Geofence zone 33	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC301 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMX125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB020 FMB062 FMB064 FM301 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMM600 FMM80A	Eventual I/O elements
209	Geofence zone 34	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC301 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMX125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB020 FMB062 FMB064 FM301 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMM600 FMM80A	Eventual I/O elements
216	Geofence zone 35	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC301 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMX125 FMB149 FMB150 FMC150 FMB150S FMB009 FMB020 FMB062 FMB064 FM301 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMM600 FMM80A	Eventual I/O elements

217	Geofence zone 36	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMB150S FMB009 FMB029 FMB062 FMB064 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMB400 FMB480A	Eventual I/O elements
218	Geofence zone 37	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMB150S FMB009 FMB029 FMB062 FMB064 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMB400 FMB480A	Eventual I/O elements
219	Geofence zone 38	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMB150S FMB009 FMB029 FMB062 FMB064 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMB400 FMB480A	Eventual I/O elements
220	Geofence zone 39	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMB150S FMB009 FMB029 FMB062 FMB064 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMB400 FMB480A	Eventual I/O elements
221	Geofence zone 40	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMB150S FMB009 FMB029 FMB062 FMB064 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMB400 FMB480A	Eventual I/O elements
222	Geofence zone 41	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMB150S FMB009 FMB029 FMB062 FMB064 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMB400 FMB480A	Eventual I/O elements
223	Geofence zone 42	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMB150S FMB009 FMB029 FMB062 FMB064 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMB400 FMB480A	Eventual I/O elements
224	Geofence zone 43	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMB150S FMB009 FMB029 FMB062 FMB064 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMB400 FMB480A	Eventual I/O elements
225	Geofence zone 44	1	Unsigned	0	3	-	-	0 - target left zone 1 - target entered zone 2 - over speeding end 3 - over speeding start	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMB150S FMB009 FMB029 FMB062 FMB064 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMB400 FMB480A	Eventual I/O elements

226	Geofence zone 45	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC300 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMU125 FMB149 FMB150 FMC150 FMB150 FMB020 FMB020 FMB962 FMB964 FM300 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Eventual I/O elements
227	Geofence zone 46	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC300 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMU125 FMB149 FMB150 FMC150 FMB150 FMB020 FMB020 FMB962 FMB964 FM300 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Eventual I/O elements
228	Geofence zone 47	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC300 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMU125 FMB149 FMB150 FMC150 FMB150 FMB020 FMB020 FMB962 FMB964 FM300 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Eventual I/O elements
229	Geofence zone 48	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC300 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMU125 FMB149 FMB150 FMC150 FMB150 FMB020 FMB020 FMB962 FMB964 FM300 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Eventual I/O elements
230	Geofence zone 49	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC300 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMU125 FMB149 FMB150 FMC150 FMB150 FMB020 FMB020 FMB962 FMB964 FM300 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Eventual I/O elements
231	Geofence zone 50	1	Unsigned	0	3	-	-	0 – target left zone 1 – target entered zone 2 – over speeding end 3 – over speeding start	FMBXXX FMB001 FMC300 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMU125 FMB149 FMB150 FMC150 FMB150 FMB020 FMB020 FMB962 FMB964 FM300 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Eventual I/O elements
175	Auto Geofence	1	Unsigned	0	1	-	-	0 – target left zone 1 – target entered zone	FMBXXX FMB001 FMC300 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMU125 FMB149 FMB150 FMC150 FMB150 FMB020 FMB020 FMB962 FMB964 FM300 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Eventual I/O elements
250	Trip	1	Unsigned	0	1	-	-	0 – trip stop 1 – trip start From 01.00.24 fw version available with BT app new values: 2 – Business Status 3 – Private Status 4-9 – Custom Statuses	FMBXXX FMB001 FMC300 FMB010 FMB002 FMB020 FMB003 FMB119 FMB120 FMB122 FMB125 FMU125 FMB149 FMB150 FMC150 FMB150 FMB020 FMB020 FMB962 FMB964 FM300 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM80A	Eventual I/O elements
255	Over Speeding	1	Unsigned	0	255	-	km/h	At over speeding start km/h, at over speeding end km/h	FMBXXX FMB001 FMB010 FMB118 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMB130 FMB140 FMB150 FMC150 FMB150 FMB020 FMB020 FMB962 FMB964 FM300 FMB202 FMB204 FMB206 FMT100 MTB100	Eventual I/O elements

257	Crash trace data	Variable	HEX	0	1200	-	-	Crash trace data	FMBXXX [Expand] FMB001 FMC001 FMB010 FMB118 FMB120 FMB122 FMB123 FMB130 FMB140 FMB150 FMC150 FMM150 FMB920 FMB920 FMB924 FMB934 FMB936 FMT100 FMP100 FMC001 FMC125 FMC130 FMM001 FMM125 FMM130 FMC800 FMM800 FMM880A FMC880 FMM880	Eventual I/O elements
285	Blood alcohol content	2	Unsigned	0	9999	-	-	Alcohol content in blood in perlims and mode. First 14 bits from MSB are perlims multiplied by 1000 and last to bits are 0 - Passive test, 1 Active test, 2 and 3 are reserved.	FMB125	Eventual I/O elements
251	Idling	1	Unsigned	0	1	-	-	0 - moving 1 - idling	FMBXXX [Expand] FMB001 FMC001 FMB010 FMB118 FMB120 FMB122 FMB123 FMB130 FMB140 FMB150 FMC150 FMM150 FMB920 FMB920 FMB924 FMB934 FMB936 FMT100 FMP100 FMC001 FMC125 FMC130 FMM001 FMM125 FMM130 FMC800 FMM800 FMC880 FMM880	Eventual I/O elements
253	Green driving type	1	Unsigned	1	3	-	-	1 - harsh acceleration 2 - harsh braking 3 - harsh cornering	FMBXXX FMB001 FMB010 FMB118 FMB120 FMB122 FMB123 FMU125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB960 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM800 FMM880A	Eventual I/O elements
246	Towing	1	Unsigned	0	1	-	-	0 - steady 1 - towing	FMBXXX FMB001 FMB010 FMB118 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB960 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM800 FMM880A	Eventual I/O elements
252	Unplug	1	Unsigned	0	1	-	-	0 - battery present 1 - battery unplugged	FMBXXX FMB001 FMC001 FMM001 FMB002 FMB003 FMB010 FMB020 FMB120 FMB122 FMB123 FMB130 FMB140 FMB010 FMB020 FMB962 FMB964 FMB202 FMB204 FMB208 FMB209 FMC125 FMM125 FMU125 FMU126 FMC130 FMM130 FMU130 MSP500 FMT100 FMP100 FMC800 FMM800 FMM880A	Eventual I/O elements
247	Crash detection	1	Unsigned	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) 7 - fake crash detected (device calibrated, pothole) 8 - fake crash detected (device calibrated, speed check)	FMBXXX [Expand] FMB001 FMC001 FMB010 FMB118 FMB120 FMB122 FMB123 FMB130 FMB140 FMB150 FMC150 FMM150 FMB960 FMB920 FMB924 FMB934 FMB936 FMT100 FMP100 FMC001 FMC125 FMC130 FMM001 FMM125 FMM130 FMC800 FMM800 FMC880 FMM880	Eventual I/O elements
248	Immobilizer	1	Unsigned	0	2	-	-	0 - iButton not connected 1 - iButton connected (Immobilizer) 2 - iButton connected (Authorized Driving)	FMBXXX FMB116 FMB120 FMB122 FMB123 FMU125 FMC125 FMM125 FMB130 FMB140 FMB150 FMC150 FMM150 FMU130 FMC130 FMM130 FMB920 FMB924 FMB936	Eventual I/O elements
254	Green Driving Value	1	Unsigned	0	255	acc and braking: 0.01	G or rad	Depending on green driving type: if harsh acceleration or braking - g*100 (value 123 -> 1.23g). If Green driving source is „GPS" - harsh cornering value is rad/s*100. If source is „Accelerometer" - g*100.	FMBXXX FMB001 FMB010 FMB118 FMB120 FMB122 FMB123 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB960 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC800 FMM800 FMM880A	Eventual I/O elements
249	Jamming	1	Unsigned	0	1	-	-	0 - jamming stop 1 - jamming start	FMBXXX FMB001 FMB010 FMB020 FMB003 FMB118 FMB120 FMB122 FMB123 FMB130 FMB140 FMB150 FMC150 FMM150 FMU125 FMB960 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC800 FMM800 FMM880A	Eventual I/O elements

14	ICCID2	8	Unsigned	0	0xFFFFFFFFFFFFFFFF	-	-	Value of SIM ICCID, LSB	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMB140 FMB150 FMC150 FMM150 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 MSP500 FMC300 FMM800 FMM480A	Eventual I/O elements
243	Green driving event duration	2	Unsigned	0	65535	-	ms	Duration of event that did generate Green driving	FMBXXX (Expand) FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMB130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 FMT100 FMP100 FMP301 FMC125 FMC130 FMS001 FMM125 FMM130 FMC300 FMM800 FMM480A	Eventual I/O elements
236	Alarm	1	Unsigned	0	1	-	-	0 - Reserved 1 - Alarm event occured		Eventual I/O elements
258	EcoMaximum	8	Unsigned	0	0xFFFFFFFFFFFFFFFF	-	-	Element stores maximum accelerometer values in mg on all axis during Eco driving event 8 Bytes: 2B Zeros 2B - X axis 2B - Y axis 2B - Z axis	FMT100	Eventual I/O elements
259	EcoAverage	8	Unsigned	0	0xFFFFFFFFFFFFFFFF	-	-	Element stores average accelerometer values in mg on all axis during Eco driving event 8 Bytes: 2B Zeros 2B - X axis 2B - Y axis 2B - Z axis	FMT100	Eventual I/O elements
260	EcoDuration	2	Unsigned	0	65535	-	ms	Duration of Eco driving event in milliseconds	FMT100	Eventual I/O elements
283	Driving State	1	Unsigned	0	3	-	-	1 - Ignition ON 2 - Driving 3 - Ignition OFF	FMT100	Eventual I/O elements
284	Driving Records	2	Unsigned	0	65535	-	-	Number of Records between Ignition ON and Ignition OFF	FMT100	Eventual I/O elements
391	Private mode	1	Unsigned	0	255	-	-	Private mode state 0 - Private mode off 1 - Private mode on	FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 MTB100	Eventual I/O elements
317	Crash event counter	1	Unsigned	0	255	-	-	Connects trace with specific eventual crash record	FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMC300 FMM800 FMM480A	Eventual I/O elements
449	Ignition On Counter	4	Unsigned	0	2147483647	-	s	0 - Disable 1 - Enable	FMBXXX FMB001 FMC001 FMB010 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FMB202 FMB204 FMB206 MTB100	Eventual I/O elements

OBD elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range Min	Value range 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 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements

30	Number of DTC	1	ASCII	0	255	-	-	Number of DTC	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 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 FMU125 FMC125 FMM125 FMB130 FMU130 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 FMU125 FMC125 FMM125 FMB130 FMU130 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 FMU125 FMC125 FMM125 FMB130 FMU130 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	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
35	Intake MAP	1	Unsigned	0	255	-	kPa	Intake manifold absolute pressure	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
36	Engine RPM	2	Unsigned	0	16384	-	rpm	Engine RPM	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
37	Vehicle Speed	1	Unsigned	0	255	-	km/h	Vehicle speed	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements

38	Timing Advance	1	Signed	-64	64	-	°	Timing advance	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
39	Intake Air Temperature	1	Signed	-128	127	-	°C	Intake air temperature	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
40	MAF	2	Unsigned	0	65535	0.01	g/sec	MAF air flow rate	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
41	Throttle Position	1	Unsigned	0	100	-	%	Throttle position	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 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	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
43	Distance Traveled MIL On	2	Unsigned	0	65535	-	km	Distance ormattin MIL on	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
44	Relative Fuel Rail Pressure	2	Unsigned	0	5178	0.1	kPa	Relative fuel rail pressure	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
45	Direct Fuel Rail Pressure	2	Unsigned	0	65535	10	kPa	Direct Fuel Rail Pressure	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements

46	Commanded EGR	1	Unsigned	0	100	-	%	Commanded EGR	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 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 FMU125 FMC125 FMM125 FMB130 FMU130 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 FMU125 FMC125 FMM125 FMB130 FMU130 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 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements

50	Barometic Pressure	1	Unsigned	0	255	-	kPa	Barometic pressure	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 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 FMU125 FMC125 FMM125 FMB130 FMU130 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 FMU125 FMC125 FMM125 FMB130 FMU130 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	-	-	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 FMU125 FMC125 FMM125 FMB130 FMU130 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 FMU130 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 FMU130 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 FMU130 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 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements

57	Hybrid battery pack life	1	Unsigned	0	100	-	%	Hybrid battery pack remaining life	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
58	Engine Oil Temperature	1	Unsigned	0	215	-	°C	Engine oil temperature	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
59	Fuel injection timing	2	Signed	-21000	30200	0.01	°	Fuel injection timing	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
543	Hybrid System Voltage	2	Unsigned	0	1024	-	V	Hybrid vehicle system voltage	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements

544	Hybrid System Current	2	Signed	-3277	3277	-	A	Hybrid vehicle system current	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
281	Fault Codes	variable	ASCII	0	128	-	-	Fault Codes (values separated via ",")	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements
60	Fuel Rate	2	Unsigned	0	32767	0.01	L/h	Engine fuel rate, L/h*100	FMBXXX FMB001 FMC001 FMB010 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB962 FMB964 FM3001 FMT100 MTB100 FMB202 FMB204 FMB206 FMT100 MTB100 FMB140	OBD elements

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
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

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	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 FMC800 FMM800 FMM80A	Permanent I/O elements

25	BLE Temperature #1	2	Signed	-4000	12500	0.01*	°C	Degrees (°C), -40 - +125; Error codes: 4000 - abnormal sensor state 3000 - sensor not found 2000 - failed sensor data parsing	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

26	BLE Temperature #2	2	Signed	-4000	12500	0.01*	°C	Degrees (°C), -40 - +125; Error codes: 4000 - abnormal sensor state 3000 - sensor not found 2000 - failed sensor data parsing	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

27	BLE Temperature #3	2	Signed	-4000	12500	0.01*	°C	Degrees (°C), -40 - +125; Error codes: 4000 - abnormal sensor state 3000 - sensor not found 2000 - failed sensor data parsing	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

28	BLE Temperature #4	2	Signed	-4000	12500	0.01*	°C	Degrees (°C), -40 - +125; Error codes: 4000 - abnormal sensor state 3000 - sensor not found 2000 - failed sensor data parsing	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

29	BLE Battery #1	1	Unsigned	0	100	-	%	Battery level of sensor #1	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

20	BLE Battery #2	1	Unsigned	0	100	-	%	Battery level of sensor #2	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

22	BLE Battery #3	1	Unsigned	0	100	-	%	Battery level of sensor #3	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

23	BLE Battery #4	1	Unsigned	0	100	-	%	Battery level of sensor #4	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

86	BLE Humidity #1	2	Unsigned	0	1000	0.1*	%RH	Humidity	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

104	BLE Humidity #2	2	Unsigned	0	1000	0.1*	%RH	Humidity	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

106	BLE Humidity #3	2	Unsigned	0	1000	0.1*	%RH	Humidity	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

108	BLE Humidity #4	2	Unsigned	0	1000	0.1*	%RH	Humidity	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

270	BLE Fuel Level #1	2	Unsigned	0	65535	-	-	Fuel Level	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

273	BLE Fuel Level #2	2	Unsigned	0	65535	-	-	Fuel Level	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

276	BLE Fuel Level #3	2	Unsigned	0	65535	-	-	Fuel Level	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

279	BLE Fuel Level #4	2	Unsigned	0	65535	-	-	Fuel Level	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

306	BLE Fuel Frequency #1	4	Unsigned	0	2147483647	-	-	Frequency value of BLE fuel sensor #1	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

									FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	
307	BLE Fuel Frequency #2	4	Unsigned	0	2147483647	-	-	Frequency value of BLE fuel sensor #2		Bluetooth® Low Energy

308	BLE Fuel Frequency #3	4	Unsigned	0	2147483647	-	-	Frequency value of BLE fuel sensor #3	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

309	BLE Fuel Frequency #4	4	Unsigned	0	2147483647	-	-	Frequency value of BLE fuel sensor #4	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

335	BLE Luminosity #1	2	Unsigned	0	0xFFFF	-	lx	Luminosity value of BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

336	BLE Luminosity #2	2	Unsigned	0	0xFFFF	-	lx	Luminosity value of BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

337	BLE Luminosity #3	2	Unsigned	0	0xFFFF	-	lx	Luminosity value of BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

338	BLE Luminosity #4	2	Unsigned	0	0xFFFF	-	lx	Luminosity value of BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

331	BLE 1 Custom #1	Variable	HEX	0	-	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

463	BLE 1 Custom #2	8	UNSIGNED LONG INT	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

464	BLE 1 Custom #3	8	UNSIGNED LONG INT	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

465	BLE 1 Custom #4	8	UNSIGNED LONG INT	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

466	BLE 1 Custom #5	8	UNSIGNED LONG INT	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

332	BLE 2 Custom #1	Variable	HEX	0	-	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

467	BLE 2 Custom #2	8	UNSIGNED LONG INT	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

468	BLE 2 Custom #3	8	UNSIGNED LONG INT	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

469	BLE 2 Custom #4	8	UNSIGNED LONG INT	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

470	BLE 2 Custom #5	8	UNSIGNED LONG INT	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

333	BLE 3 Custom #1	Variable	HEX	0	-	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

471	BLE 3 Custom #2	8	UNSIGNED LONG INT	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

472	BLE 3 Custom #3	8	UNSIGNED LONG INT	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

473	BLE 3 Custom #4	8	UNSIGNED LONG INT	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

474	BLE 3 Custom #5	8	UNSIGNED LONG INT	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

334	BLE 4 Custom #1	Variable	HEX	0	-	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

475	BLE 4 Custom #2	8	UNSIGNED LONG INT	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

476	BLE 4 Custom #3	8	UNSIGNED LONG INT	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

477	BLE 4 Custom #4	8	UNSIGNED LONG INT	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

478	BLE 4 Custom #5	8	UNSIGNED LONG INT	0	4294967295	-	-	Custom IO element for BLE sensor	FMBXXX FMB001 FMC001 FMB010 FMB002 FMB020 FMB003 FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMB130 FMU130 FMC130 FMB140 FMB150 FMC150 FMM150 FMB900 FMB920 FMB910 FMB962 FMB964 FM3001 FMB202 FMB204 FMB206 FMT100 MTB100 FMP100 FMB140 MSP500 FMC800 FMM800 FMM80A	Bluetooth® Low Energy

CAN adapters elements

Property ID in AVL packet	Property Name	Bytes	Type	Value range		Multiplier	Units	Description	HW Support	Parameter Group
				Min	Max					
105	Total Mileage (counted)	4	Unsigned	0	4294967295	-	m	Total Vehicle Mileage, m	FMBXXX FMB150, FMC150, FMM150	LVCAN200
81	Vehicle Speed	1	Unsigned	0	255	-	km/h	Vehicle Speed	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150	LVCAN200
82	Accelerator Pedal Position	1	Unsigned	0	102	-	%	Value in percentages	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150	CAN Adapters
84	Fuel Level	2	Unsigned	0	65535	0.1	l	Value in litres, l	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150	CAN Adapters
85	Engine RPM	2	Unsigned	0	16384	-	rpm	Value in rounds per minute	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150	CAN Adapters
87	Total Mileage	4	Unsigned	0	4294967295	-	m	Value in meters	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150	CAN Adapters
89	Fuel level	1	Unsigned	0	100	-	%	Value in percentages	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150	CAN Adapters
107	Fuel Consumed (counted)	4	Unsigned	0	2147483647	0.1	l	Total Fuel Consumed, l	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150	CAN Adapters
110	Fuel Rate	2	Unsigned	0	32768	0.1	l/h	Fuel Rate, l/h	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150	CAN Adapters
115	Engine Temperature	2	Signed	-600	1270	0.1	°C	Engine Temperature	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150	ALLCAN300
123	Control State Flags	4	Unsigned	0	4294967295	-	-	Control state flags	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130 FMB140 FMB150 FMC150 FMM150	ALLCAN300
132	Security State Flags	8	Unsigned	0	0xFFFFFFFFFFFFFFFF	-	-	Security state flags	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130	ALLCAN300
134	Trip Distance	4	Unsigned	0	4294967295	-	m	Trip distance	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130	ALLCAN300
152	Battery Level	1	Unsigned	0	100	-	%	Value in percentages, %	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130	CAN Adapters
168	Battery Voltage	2	Unsigned	0	6553	-	V	Battery Voltage	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130	CAN Adapters
400	Distance to Next Service	4	Unsigned	0	4294967295	1	km	Distance to Next Service	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130	LVCAN elements
653	DriveRight HandBrakesActive	1	Unsigned	0	1	-	-	0 - Handbrake inactive 1 - Handbrake active	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130	CAN Adapters
659	DriveRight NeutralGearActive	1	Unsigned	0	1	-	-	0 - Inactive 1 - Active	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130	CAN Adapters
660	DriveRight ParkingGearActive	1	Unsigned	0	1	-	-	0 - Inactive 1 - Active	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130	CAN Adapters
661	DriveRight ReverseGearActive	1	Unsigned	0	1	-	-	0 - Inactive 1 - Active	FMBXXX FMB110 FMB120 FMB122 FMB125 FMU125 FMC125 FMM125 FMB130 FMU130 FMC130 FMM130	CAN Adapters

662	DriveRight CarClosed	1	Unsigned	0	1	-	-	0 - Closed 1 - Open	FMBXXX FMB110 FMB120 FMB122 FMB123 FMD125 FMC125 FMM125 FMB130 FMD130 FMC130 FMM130	CAN Adapters
866	LVCAN Vehicle Range	4	Unsigned	0	4294967295	-	km	Information about vehicle range	FMBXXX FMB110 FMB120 FMB122 FMB123 FMD125 FMC125 FMM125 FMB130 FMD130 FMC130 FMM130	CAN Adapters
910	LVCAN SSF FootbrakeActuated	1	Unsigned	0	1	-	-	0 - Off 1 - On	FMBXXX FMB110 FMB120 FMB122 FMB123 FMD125 FMC125 FMM125 FMB130 FMD130 FMC130 FMM130	CAN Adapters
927	LVCAN SSF DriveActive	1	Unsigned	0	1	-	-	0 - Off 1 - On	FMBXXX FMB110 FMB120 FMB122 FMB123 FMD125 FMC125 FMM125 FMB130 FMD130 FMC130 FMM130	CAN Adapters
928	LVCAN CSF ParkingLightsOn	1	Unsigned	0	1	-	-	0 - Off 1 - On	FMBXXX FMB110 FMB120 FMB122 FMB123 FMD125 FMC125 FMM125 FMB130 FMD130 FMC130 FMM130	CAN Adapters
929	LVCAN CSF DippedHeadlightsOn	1	Unsigned	0	1	-	-	0 - Off 1 - On	FMBXXX FMB110 FMB120 FMB122 FMB123 FMD125 FMC125 FMM125 FMB130 FMD130 FMC130 FMM130	CAN Adapters
930	LVCAN CSF FullBeamHeadlightsOn	1	Unsigned	0	1	-	-	0 - Off 1 - On	FMBXXX FMB110 FMB120 FMB122 FMB123 FMD125 FMC125 FMM125 FMB130 FMD130 FMC130 FMM130	CAN Adapters
931	LVCAN CSF RearFogLightsOn	1	Unsigned	0	1	-	-	0 - Off 1 - On	FMBXXX FMB110 FMB120 FMB122 FMB123 FMD125 FMC125 FMM125 FMB130 FMD130 FMC130 FMM130	CAN Adapters
932	LVCAN CSF FrontFogLightsOn	1	Unsigned	0	1	-	-	0 - Off 1 - On	FMBXXX FMB110 FMB120 FMB122 FMB123 FMD125 FMC125 FMM125 FMB130 FMD130 FMC130 FMM130	CAN Adapters
937	LVCAN CSF CruiseControlOn	1	Unsigned	0	1	-	-	0 - Off 1 - On	FMBXXX FMB110 FMB120 FMB122 FMB123 FMD125 FMC125 FMM125 FMB130 FMD130 FMC130 FMM130	CAN Adapters
1104	FMX150 Fuel Consumption	4	Unsigned	0	4294967295	10	l/100 km	Fuel consumption parameter	FMBXXX FMB110 FMB120 FMB122 FMB123 FMD125 FMC125 FMM125 FMB130 FMD130 FMC130 FMM130	LVCAN elements
1112	LVCAN HVBatteryPackVoltage	2	Unsigned	0	65535	-	V	HV battery pack voltage	FMBXXX FMB110 FMB120 FMB122 FMB123 FMD125 FMC125 FMM125 FMB130 FMD130 FMC130 FMM130	LVCAN elements
1113	LVCAN HVBatteryPackCurrent	2	Unsigned	0	65535	-	A	HV battery pack current	FMBXXX FMB110 FMB120 FMB122 FMB123 FMD125 FMC125 FMM125 FMB130 FMD130 FMC130 FMM130	LVCAN elements
1136	FMCAN Control State Flags	8	HEX	0	0xffffffffffffffff	-	-	FMCAN Control state flags	FMBXXX FMB150, FMC150, FMM150	LVCAN elements
1137	FMCAN Steering Wheel Angle	2	Signed	-32768	32767	1	°	FMCAN Steering Wheel Angle	FMBXXX FMB150, FMC150, FMM150	LVCAN elements
1155	LVCAN HV batt consumed energy	4	Unsigned	0	4294967295	1	kWh	Energy consumed from the HV battery	FMBXXX FMB150, FMC150, FMM150	LVCAN elements
1156	LVCAN HV batt recup energy	4	Unsigned	0	4294967295	1	kWh	Energy recuperated to the HV battery	FMBXXX FMB150, FMC150, FMM150	LVCAN elements
1157	LVCAN HV batt power	2	Unsigned	0	65535	1	kWh	Power used from EV battery	FMBXXX FMB150, FMC150, FMM150	LVCAN elements
1158	LVCAN engine oil pressure	2	Unsigned	0	65535	1	kPa	Engine oil pressure	FMBXXX FMB150, FMC150, FMM150	LVCAN elements
1159	LVCAN engine oil level	1	Unsigned	0	100	1	%	Engine oil level	FMBXXX FMB150, FMC150, FMM150	LVCAN elements
517	Security State Flags P4	8	HEX	0	0xffffffffffffffff	-	-	Security state flags protocol 4, more information click here Flags	FMBXXX FMB140	ALLCAN300
518	Control State Flags P4	8	HEX	0	0xffffffffffffffff	-	-	Security state flags protocol 4, more information click here Flags	FMBXXX FMB140	ALLCAN300