

ECU version.....8-1-2026
Hour.....09:50:21
DM_IM_FPT_EURO4.....v1.1.1
ECU version.....P_340vF01

IDENTIFICATION PARAMETERS:

HARDWARE VERSION.....BOSCH EDC7UC31
SW VERSION.....P340VF01
ECU SERIAL NUMBER.....13420317
BOSCH IDENTIFICATION CODE.....0281020048
DATASET.....gyopyg06_mr4 Merlo 125kW T4A
DIS.....5801915107
VIN.....
ENGINE SERIAL NUMBER.....001274700
ENGINE TYPE.....F4HFE413L*A003
ENGINE IDENTIFICATION.....000001274700.F4H
ENGINE POSITION.....
IMMOBILIZER.....NOT PRESENT
ALPHACODE.....00000000000000000000
SOFTWARE PROGRAMMING.....1.8
PROGRAMMING DATE.....14/07/2014

ratio of current torque to maximum torque/average engine speed

94,97..115	8m22s	2h34m19s	8h5m58s	4h44m15s	
74,98..94,97	3h13m37s	7h33m37s	16h15m22s	7h53m10s	
54,98..74,98	10h30m35s	61h4m23s	52h57m26s	36h27m28s	
%-rpm	592..818	818..1044	1044..1270	1270..1496	

ratio of current torque to maximum torque/average engine speed

94,97..115	2h34m44s	3h14m31s	42h8m51s	5h31m22s	
74,98..94,97	4h30m22s	4h19m20s	14h47m49s	5h56m7s	
54,98..74,98	22h5m0s	11h52m53s	24h34m8s	2h22m59s	
%-rpm	1496..1722	1722..1948	1948..2174	2174..2400	

ratio of current torque to maximum torque/average engine speed

34,99..54,98	12h15m41s	228h47m25s	186h21m42s	164h36m31s	
15,00..34,99	3h18m7s	2370h4m	358h57m38s	230h20m4s	
-4,99..15,00	5m7s	28h23m5s	18h34m5s	9h42m28s	
%-rpm	592..818	818..1044	1044..1270	1270..1496	

ratio of current torque to maximum torque/average engine speed

34,99..54,98	201h29m14s	57h41m24s	35h41m8s	3h11m38s	
15,00..34,99	243h9m22s	68h8m53s	16h51m45s	2h23m48s	
-4,99..15,00	9h47m12s	11h36m1s	12h11m15s	13h8m33s	
%-rpm	1496..1722	1722..1948	1948..2174	2174..2400	

output value of boost pressure sensor/average engine speed

2700..2800	0s	0s	0s	0s	
2600..2700	0s	0s	1s	1s	
2500..2600	5s	1m24s	15m27s	1h23m15s	
hPa-rpm	592..1044	1044..1496	1496..1948	1948..2400	

output value of boost pressure sensor/average engine speed

2400..2500	0s	0s	1h0m5s	36h49m43s	
2300..2400	0s	23s	2h0m23s	23h47m1s	
2200..2300	0s	4m0s	2h44m17s	14h58m22s	
hPa-rpm	592..1044	1044..1496	1496..1948	1948..2400	

Catalyst downstream temperature via SCR1 CAN message/average engine speed

440..540	24s	13s	1m44s	18m24s	
340..440	51m6s	1h8m58s	5h2m11s	23h1m6s	
240..340	26h20m29s	20h51m30s	43h37m23s	105h25m5s	
deg C-rpm	592..1044	1044..1496	1496..1948	1948..2400	

atmospheric pressure/average engine speed

900..1000	773h2m51s	312h4m30s	107h11m41s	30h36m40s	
800..900	0s	0s	0s	0s	
700..800	0s	0s	0s	0s	
hPa-rpm	592..1044	1044..1496	1496..1948	1948..2400	

Oil pressure [Pa]/average engine speed

2000..3000	290h16m5s	16m49s	1s	0s	
1000..2000	2h55m33s	7m2s	19s	0s	
0..1000	2m41s	1s	0s	0s	
hPa-rpm	592..1044	1044..1496	1496..1948	1948..2400	

Environment air temperature					
		2327h14m	1642h58m	391h8m3s	13h49m19s
	[deg C]	10..22,50	22,50..35	35..47,50	47,50..60

intake air temperature					
		189h46m49s	48h52m41s	6h35m15s	5m17s
	[deg C]	40..52	52..64	64..76	76..88

engine oil temperature					
		146h36m44s	39m46s	35m42s	19m39s
	[deg C]	90..100	100..110	110..120	120..130

Coolant temperature					
		30m5s	11m0s	6m36s	12m57s
	[deg C]	88..94	94..100	100..106	106..112

Fuel temperature					
		4h28m54s	46m20s	4m56s	10s
	[deg C]	62..67	67..73	73..78	78..83

Single range timers and event counters				
	Description	Range	Timers	Counters
	Environment air temperature	-20 < deg C < -5	3h50m56s	455
	Environment air temperature	> 60 deg C	1m0s	112
	average engine speed	> 450 rpm	4674h4m	12233
	average engine speed	> 2750 rpm	1s	7
	Coolant temperature	> 112 deg C	1h29m50s	11
	Coolant temperature	-100 < deg C < 5	8h9m38s	504
	intake air temperature	> 88 deg C	5m57s	2
	Fuel temperature	> 83 deg C	13s	1
	Fuel temperature	-100 < deg C < 5	23h7m31s	559
	Status of Air Heater #1	1 < - < 100	36m50s	95
	atmospheric pressure	0 < bar < 0,70	0s	0
	engine oil temperature	> 130 deg C	0s	0
	output value of boost pressure sensor	> 2,80 bar	0s	0
	Catalyst downstream temperature via SCR1 CAN message	> 540 deg C	23s	1
	Desired urea injection quantity	> 1 g/h	229h22m49s	359701

Data Integrators			
	Description	Unit	Value
	Desired urea injection quantity	g/h	10299186465

Min Max physical values				
	Description	Unit	Min	Max
	average engine speed	rpm	0	2859
	Coolant temperature	deg C	-12,50	139
	Fuel temperature	deg C	-12,70	84
	maximum rail pressure of last 10ms	bar	0	1951
	Catalyst downstream temperature via SCR1 CAN message	deg C	-23	622

Engine data			
	Description	Unit	Value
	coverage driven length	m	0
	accumulated engine operation time based on the ECU state		4671h42m
	Time of ECU activity		4826h36m
	Total Engine Revolutions	r	308530000
	Determination of Total Fuel Consumption	l	17908