

system data

name	value
date	2011 09 27
user name	JT
vehicle name	GRADALL
MBSN	A 053 447 59 40
engine number:	926959 00 890843
data set number:	A 053 447 59 40 ZGS 002
data set name:	DGNB243S158
certification:	OM926LA.E3B/4-02 a
software version:	23E
HW/SW:	A 007 446 60 40 ZGS 001
diagnostic version:	55
minidiag2 serial no.	2396
minidiag2 A-number	A 000 153 10 18
release info	MD2_5.02.61_DIAGNOSTIC_2011-05-13

fault code memory

code	active	hours	description
16995	yes	0	SCR system general EGA switched off Würth function

SCR commissioning

runtime (s.ms)	description
0.000	pressure block valve present.: no
30.889	engine started. actual engine speed(Ana10) 737 min-1, AdBlue level(Ana33) 66 %
116.954	engine stopped.
117.113	compressed air valve opened.
117.458	check injector pressure (1350 - 2000 mbar). SCR air pressure(Ana37) 1404 mbar
119.314	compressed air valve closed.
124.436	injector heater not active.
124.594	bleeding pump, AdBlue pump turned on.
134.677	after 10s delay. SCR air pressure(Ana37) 1020..1021 mbar
134.876	compressed air valve opened.
139.999	after 5s delay. SCR air pressure(Ana37) 1155..1549 mbar
140.316	AdBlue metering valve opened.
140.340	monitor injector pressure (pressure should not drop below 1350 mbar). wait until AdBlue pressure reaches 2200 mbar.
140.640	after pressure monitoring. AdBlue pressure(Ana32) 5998..5998 mbar SCR air pressure(Ana37) 1548..1548 mbar
140.795	injector valve closed.
141.036	AdBlue pump turned off.
146.159	after 5s delay. AdBlue pressure(Ana32) 5998..5998 mbar
146.317	compressed air valve closed.
146.557	compressed air valve opened.
146.716	AdBlue pump turned on.
147.040	wait until AdBlue pressure has reached 4600 mbar. AdBlue pressure(Ana32) 5998..5998 mbar
147.216	AdBlue pump turned off.
147.240	checking for leakage (pressure drop >500 mbar within 10s measuring period indicates leakage).
157.482	after leakage test. AdBlue pressure(Ana32) 5998..5998 mbar
157.617	compressed air valve closed.
157.778	AdBlue pump turned off.
158.421	check sensor values are plausible. AdBlue temperature(Ana31) 28 °C, AdBlue tank temperature(Ana34) 25 °C SCR catalyst temperature before catalyst(Ana35) 98 °C, SCR catalyst temperature behind catalyst(Ana36) 57 °C
158.422	bleed routine (compressed air valve open for 30s, closed for 15s). repeat process 5 times.
438.990	motor started.
456.410	motor stopped.
456.885	no error codes.
460.169	error codes deleted.
460.329	AGN function activated.
460.489	error codes deleted.
465.609	end of routine.
465.770	run-off.

SCR commissioning

runtime (s.ms)	description
487.589	routine has terminated, no errors.