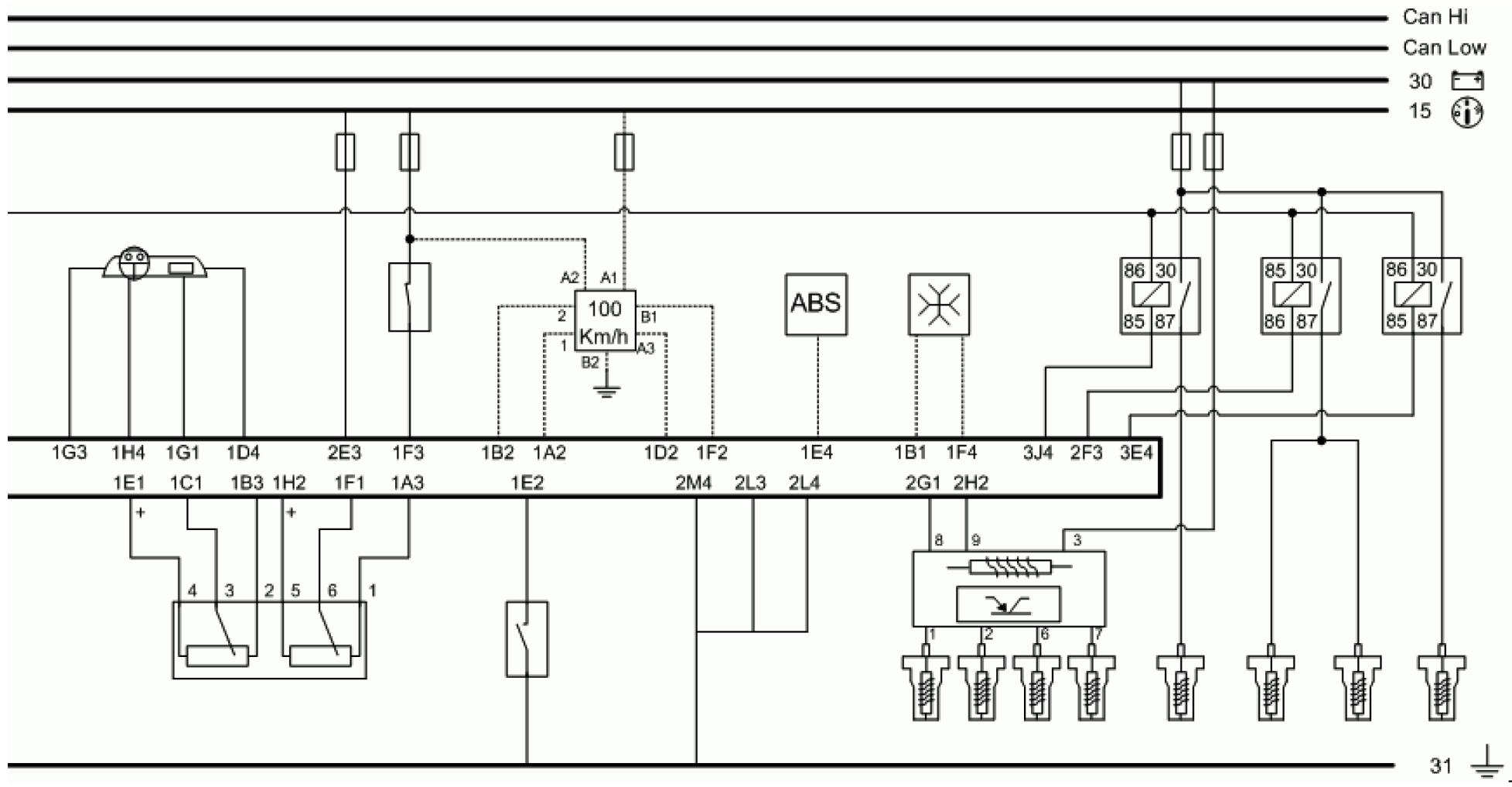
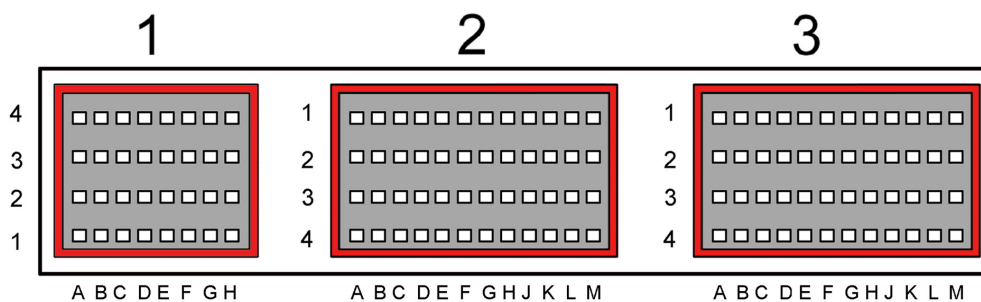


Renault Master II Fase II 2,5 dCi Master II [2003 - 2006]



Renault Master II Fase II 2,5 dCi Master II [2003 - 2006]

A22	A/C
A23	ABS-ECU
A24	Instrument cluster
A25	Pre heating control unit
A95	ECU
B14	Camshaft hall sensor
B16	Inductive crankshaft position sensor
B22	Coolant temperature sensor
B31	MAF sensor with temperature sensor
B36	Fuel temperature sensor
B99	Fuel pressure sensor
F-	Fuse
K11	Relay
K18	Pump relay
K22	System relay
K67	Relay
K68	Relay
M16	Transfer pump
R13	Coolant pre heater
R23	Glow plug
R35	Accelerator pedal sensor
S15	Clutch switch
S16	Stop light switch
S27	Collision switch
X11	Diagnostic connector
X14	Ground connection
Y46	EGR valve with position sensor
Y87	Injector 1
Y88	Injector 2
Y89	Injector 3
Y90	Injector 4
Y91	Fuel pressure regulator



Troubleshooting-data

Model: Master II Fase II 2,5 dCi

Motor: G9U 754 / Bosch EDC 15C3 Common

Component:	From:	To:	Condition:	Value	Measured	Ref.
.	.	.	Connector seen from wire side	.		
Battery (earth)	2L3	Batt. -	Ignition on	0 V		
Battery (earth)	2L4	Batt. -	Ignition on	0 V		
Battery (earth)	2M4	Batt. -	Ignition on	0 V		
Accelerator pedal sensor	1H2	1A3	Ignition on	5 V		
Accelerator pedal sensor	1E1	1B3	Ignition on	5 V		
Accelerator pedal sensor	1B3	Batt. -	Ignition on	0 V		
Accelerator pedal sensor	1A3	Batt. -	Ignition on	0 V		
Accelerator pedal sensor	1C1	1B3	Ignition on, accelerator released	0,5 - 1,1 V		
Accelerator pedal sensor	1F1	1A3	Ignition on, accelerator released	0,1 - 0,6 V		
Accelerator pedal sensor	1F1	1A3	Ignition on, accelerator fully depressed	2 - 2,4 V		
Accelerator pedal sensor	1C1	1B3	Ignition on, accelerator fully depressed	4,3 - 4,7 V		
Camshaft hall sensor	3C1	Batt. -	Ignition on	0 V		
Camshaft hall sensor	2M3	B30	Ignition on	11 - 14 V		
Camshaft hall sensor	3K4	Bat. -	Starter rpm			1071
Coolant temperature sensor	2E1	2K3	Ignition on, 20° C	3,1 V		
Coolant temperature sensor	2E1	2K3	Ignition on, 80° C	0,7 V		
EGR valve with position sensor	2M1	Batt. -	Ignition on	11 - 14 V		
EGR valve with position sensor	2F2	Batt. -	Ignition on	5 V		
EGR valve with position sensor	2C2	Batt. -	Ignition on	1 V		
EGR valve with position sensor	2B2	Batt. -	Idle	0 V		
EGR valve with position sensor	2C2	Batt. -	Idle	1,8 V		
EGR valve with position sensor	2M1	Batt. -	Idle control valve activated			1056
Fuel pressure regulator	2L1	Batt. -	Ignition on	11 - 14 V		
Fuel pressure regulator	2L1	Batt. -	Idle			1085
Fuel pressure sensor	2H2	3B3	Ignition on	5 V		
Fuel pressure sensor	3B3	Batt. -	Ignition on	0 V		
Fuel pressure sensor	2D1	3B3	Ignition on	0,5 V		
Fuel pressure sensor	2D1	3B3	Idle	1 V		
Fuel pressure sensor	2D1	3B3	Rev up briefly	4,5 V		
Ignition	2E3	Batt. -	Ignition on	11 - 14 V		
Ignition	2E3	Batt. -	Ignition off	0 V		

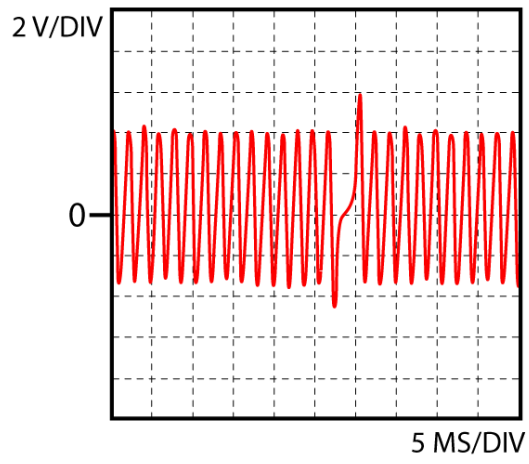
Troubleshooting-data

Model: Master II Fase II 2,5 dCi

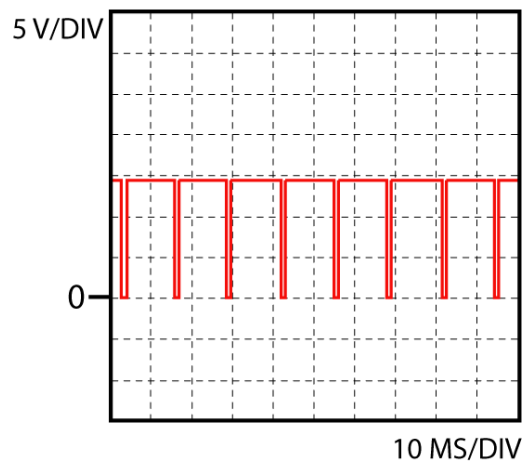
Motor: G9U 754 / Bosch EDC 15C3 Common

Component:	From:	To:	Condition:	Value	Measured	Ref.
Inductive crankshaft position sensor	2G3	2H3	Starter rpm	1 V AC		1045
Injector 1	3M3	3M1	Idle with current clamp on the wire			1092
Injector 1	3M3	3M1	Speed up with a current clamp on the cable			1093
Injector 2	3L3	3L4	Idle with current clamp on the wire			1092
Injector 2	3L3	3L4	Speed up with a current clamp on the cable			1093
Injector 3	3L2	3M2	Idle with current clamp on the wire			1092
Injector 3	3L2	3M2	Speed up with a current clamp on the cable			1093
Injector 4	3M4	3L1	Idle with current clamp on the wire			1092
Injector 4	3M4	3L1	Speed up with a current clamp on the cable			1093
MAF sensor with temperature sensor	2H4	Batt. -	Ignition on	0,5 - 1,5 V		
MAF sensor with temperature sensor	3A3	Batt. -	Ignition on	0 V		
MAF sensor with temperature sensor	2G2	Batt. -	Ignition on	5 V		
MAF sensor with temperature sensor	2H4	Batt. -	Idle, warm	1 - 2 V		
MAF sensor with temperature sensor	2H4	Batt. -	Idle, rev up	3,5 - 5 V		
MAF sensor with temperature sensor	2D3	3A3	Ignition on, 20° C air temperature	2,3 V		
Pump relay	3A1	Batt. -	Ignition on	11 - 14 V		
Pump relay	2M3	Batt. -	Ignition on	11 - 14 V		
Pump relay	3A1	Batt. -	Ignition on, pump running	0 - 1 V		
Stop light switch	1F3	Batt. -	Ignition on	11 - 14 V		
Stop light switch	1F3	Batt. -	Ignition on, brake pedal depressed	0 - 1 V		
System relay	2M2	Batt. -	Ignition on	11 - 14 V		
System relay	2D4	Batt. -	Ignition on	0 - 1 V		
System relay	2M2	Batt. -	Ignition off	0 V		
System relay	2D4	Batt. -	Ignition off	11 - 14 V		

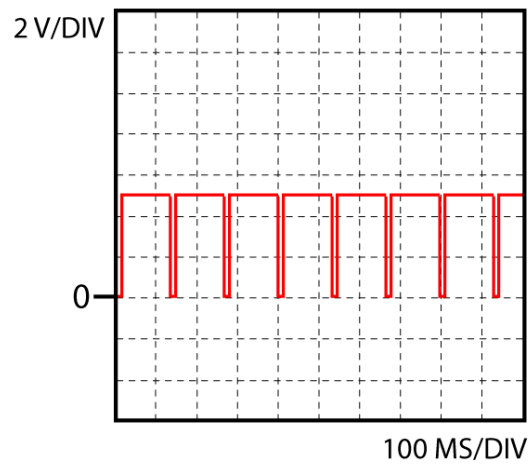
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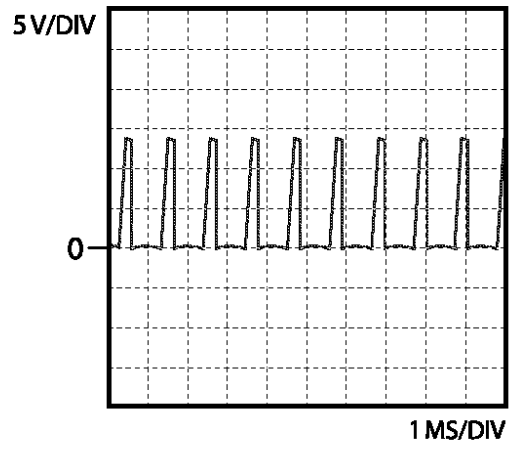
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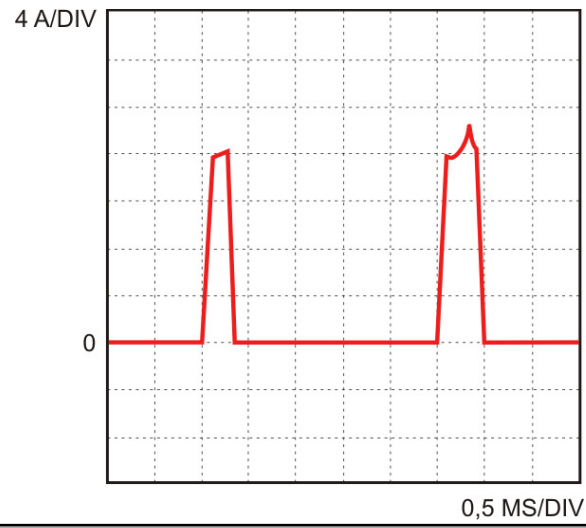
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1085



1092



1093

