

Porsche 944S2 1989 DME Terminal Pin Assignment								
TERMINAL	FUNCTION	TO	DME Wire Size	DME Wire COLOUR	DME to LM-2 Patch Wire Colour Used	LM-2 WIRE COLOUR	DIAGNOSIS PLUG (PIN 6,7,8 Unused)	COMMENT
1	Ignition Coil	Ignition Final Stage Pin 5						
2	Ignition Final Stage earth shield	Earth Shield for Ignition Coil						
3	DME Relay	DME Relay 85b						
4	Idle Speed Positioner	Idle Valve Pin 1						
5	Tank Venting Valve	TVV Pin 2						
6	Rotational Speed Signal	Rev Counter	0.75	GN/BK	BK	R+ BK/WH	Pin 3	RPM Signal
7	AFM Signal	AFM Pin 2	0.75	GN/RE	RE	I1+ PU		AFM Signal
8	Hall Sender Signal	Hall Sender Pin 2					Pin 9	
9	Not Used							
10	Ground						Pin 2	
11	Knock Sensor 1	Welding Point 4 MPVIII Knock Sensor 1 Pin 1						
12	Positive Terminal AFM +5V	AFM Pin 3	0.75	BL/GN	BL	-		MAP +5V C
13	Diagnosis K lead	Diagnosis Plug Pin 12					Pin 12	
14	Ground	Welding Point 5 MPIX						
15	Not Used							
16	Not Used							
17	Ground - Fuel Injectors	Welding Point 2 MPIX					Pin 5	
18	Permanent Power (TERM 30)	From Fuse 7						
19	Ground	Welding Point 4 MPVIII, Terminal 41	1.5	BR	BR (thk)	R- BL, I3- RE, O2-GN	Pin 2	Ground for RPM, TPS, NBO2 Sim
20	Not Used							
21	Knock (yes/no)?	Diagnosis Plug Pin 4					Pin 4	To Knock Counter
22	Unknown (Diagnostic)	Diagnosis Plug Pin 11					Pin 11	
23	Not Used							
24	Ground - Fuel Injectors	Welding Point 5 MPIX						
25	Not Used							
26	Ground AFM	AFM Pin 4	0.75	YE/RE	YE	I1- BK, I2-BR, I4-OR		MAP GND A, Ground for MAP, AFM, AIT
27	Not Used							
28	Oxygen Sensor Signal	Oxygen Sensor Pin 1	1.0	GN	GN (thk)	O2+ BR/WH		O2 Plug Pin 1
29	Knock Sensor 2	Knock Sensor 2 Pin 1						
30	Ground Knock Sensors	Welding Point 2						
31	Hall Sender +5V	Hall Sender Pin 1						
32	Connects to instrument cluster	To Instrument Cluster - Not connected economy gauge?)						
33	Not Used							
34	Not Used							
35	Not Used							
36	Not Used							
37	DME Relay 87							
38	Not Used							
39	Coding Plug	Map Coding Plug						
40	AC Switch Input	AC Compressor						
41	AC Switch Input	AC Compressor (Bridged to 40)						
42	Ground	Welding Point 4 MPVIII, Terminal 9					Pin 2	
43	Not Used							
44	Air Intake Temp Sensor	AFM Pin 1	0.75	GN (blk dots)	OR	I4+ PE		AIT Signal
45	NTC Coolant Sensor	NTC Coolant Pin 2						
46	Not Used							
47	Speed Sender/Ref Mark Sender +ve	Speed Sender Pin 2						
48	Speed Sender/Ref Mark Sender shield	Speed Sender Pin 1						
49	Not Used							
50	Not Used							
51	Not Used							
52	Throttle Position Switch (idle)	TPS Pin 1						
53	Throttle Position Switch (full load)	TPS Pin 3	0.75	BL/GN (blk dots)	WH	I3+ WH		TPS WOT Signal
54	Variant Plug	Not Used						
55	Diagnostic L lead	Diagnosis Plug Pin 10					Pin 10	
-	-	-	-	-	GN	I2+GR		MAP SIGNAL B
-	Terminal 15 Accessories Ignition Lock	From Fuse 17					Pin 1	
	O2 Heater							O2 Plug Pin 2
	O2 Heater Ground							O2 Plug Pin 3

No.	CONNECTION	DME Pin Connector	
		+	-
	INPUTS		
1	AFM	7	26
2	MAP	-	26
3	TPS WOT	53	19
4	AIT	44	26
	OUTPUTS		
2	NBO2	28	19
R	RPM	6	19