



1996-1997 1.8i MIATA MSPNP ND64 WIRING

Harness Jumpers

From MS Side	To OEM / Vehicle	Description/Notes
O2	39	
IAT	31	
CLT	35	
BATT +12V	26	
+5V	33	
SENS_GND	25, 27	
GND	23, 24, 49	
ALED		
WLED		
FLEX		
SPRADC1		
TPS	38	
OPTO+		
OPTO-	22	
VR2	19	
VR1		
VR_GND		
IDL	9	
FP	43 **European cars with immobilizer use pin 44 instead**	
INJ-1	3, 5	
INJ-2	4, 6	
IGN2	10	
IGN1	14	
ALT_INJ1		
ALT_INJ2		
ALT_CAM		
IACENBL		

Terminal Block

From Terminal Block	To OEM / Vehicle	Description/Notes
BOOST-OUT		
LS3-OUT		
LS2-OUT	63, 64	Fans
LS1-OUT	ILED -> 16	Tacho out, set J7 to Position 2
EXTRA 6		
EXTRA 5		
EXTRA 4		
EXTRA 3		
EXTRA 2		
EXTRA 1		
SW2-IN		
SW1-IN	54	Clutch Switch
EXT CLT		
EXT IAT		
EXT O2		
SNSR GND		

Removable Jumper J1-J10

Jumper	Position	Description/Notes
J1	POS1	
J2	POS1	
J3	POS1	
J4	POS1	
J5	POS1	
J6	POS1	
J7	POS2	
J8	POS1	
J9	POS1	
J10	POS1	

Pull-ups

To	From	Value
OPTO+	12V	1k Resistor
VR2	5V	1k Resistor
WLED		
ALED		

Other Jumpers

To	From	Description
53	57	A/C Enable
63	Jumper using diode, band towards 57	Turns on fans when A/C turned on, not other way around