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Transmig Synergic 350 Parts List

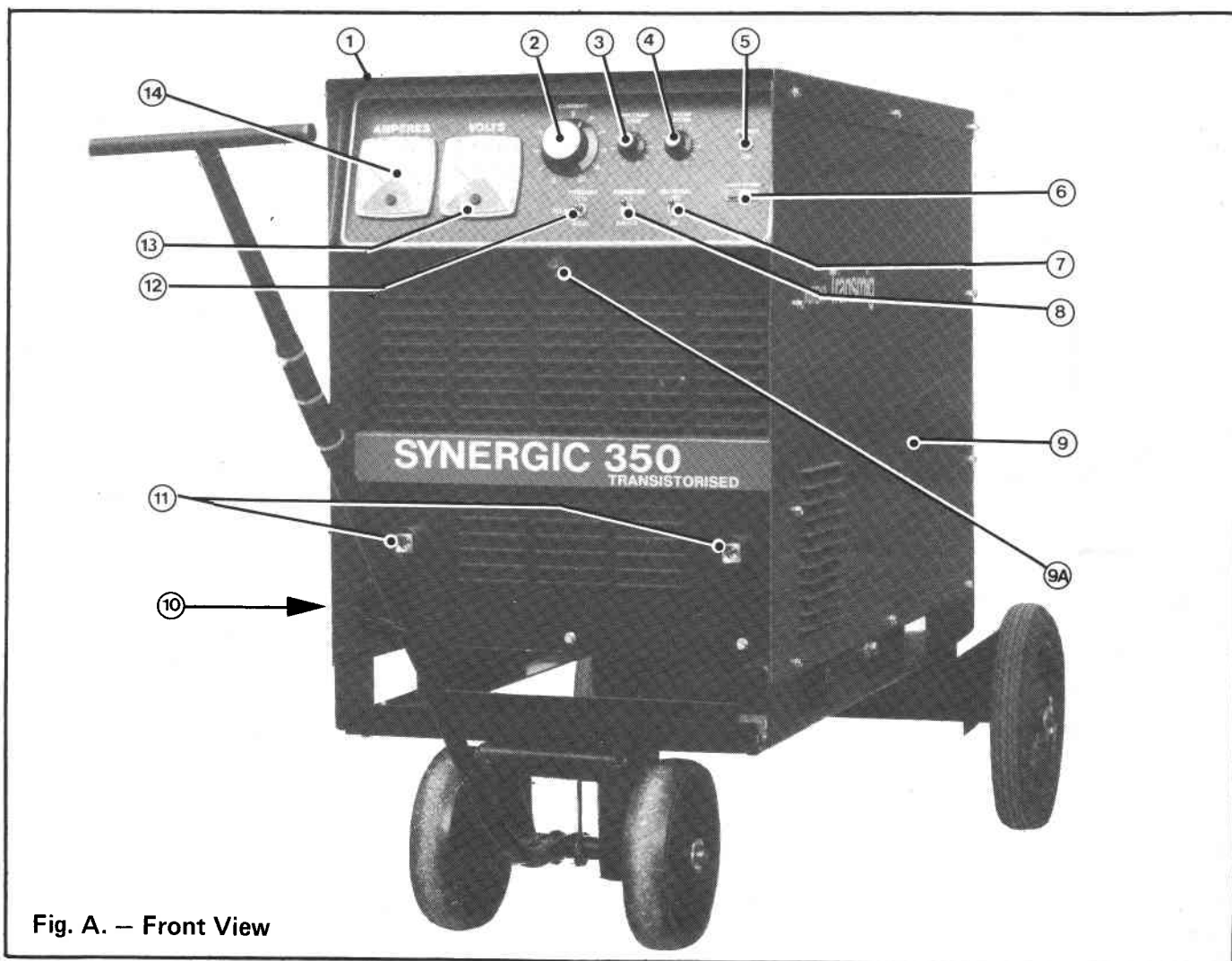


Fig. A. – Front View

Item	Pt.No.	Cct. Ref.	Description
1	1412197	—	Top Cover
2	1411862	RV1	Potentiometer—5K 2W Lin
—	1410926	—	Knob for item 2
3	1410927	RV2	Potentiometer 10K ohm 2W Lin (Trim)
—	1410925	—	Knob for item 3
4	1411862	RV3	Potentiometer 5K 2W Lin
—	1410925	—	Knob for item 4
5	1411868	S1	On/Off switch
6	1411869	LP1	On/Off Lamp
7	1411867	S2	Switch (Material)

Item	Pt. No.	Cct. Ref.	Description
8	1411867	S3	Switch (Diameter)
9	1412199	—	Side Panel Right
9A	1411864	—	Socket (13 pin)
—	1412198	—	13 pin plug for item 9a inc. cable clamp
10	1412196	—	Side Panel Left
11.	017242	SK1,2	Dinse Sockets
—	1400222	—	Plug for Item 11
12	1411866	S4	Switch (Process) 14070 4
13	1411861	A	Voltmeter
14	1411860	V	Ammeter

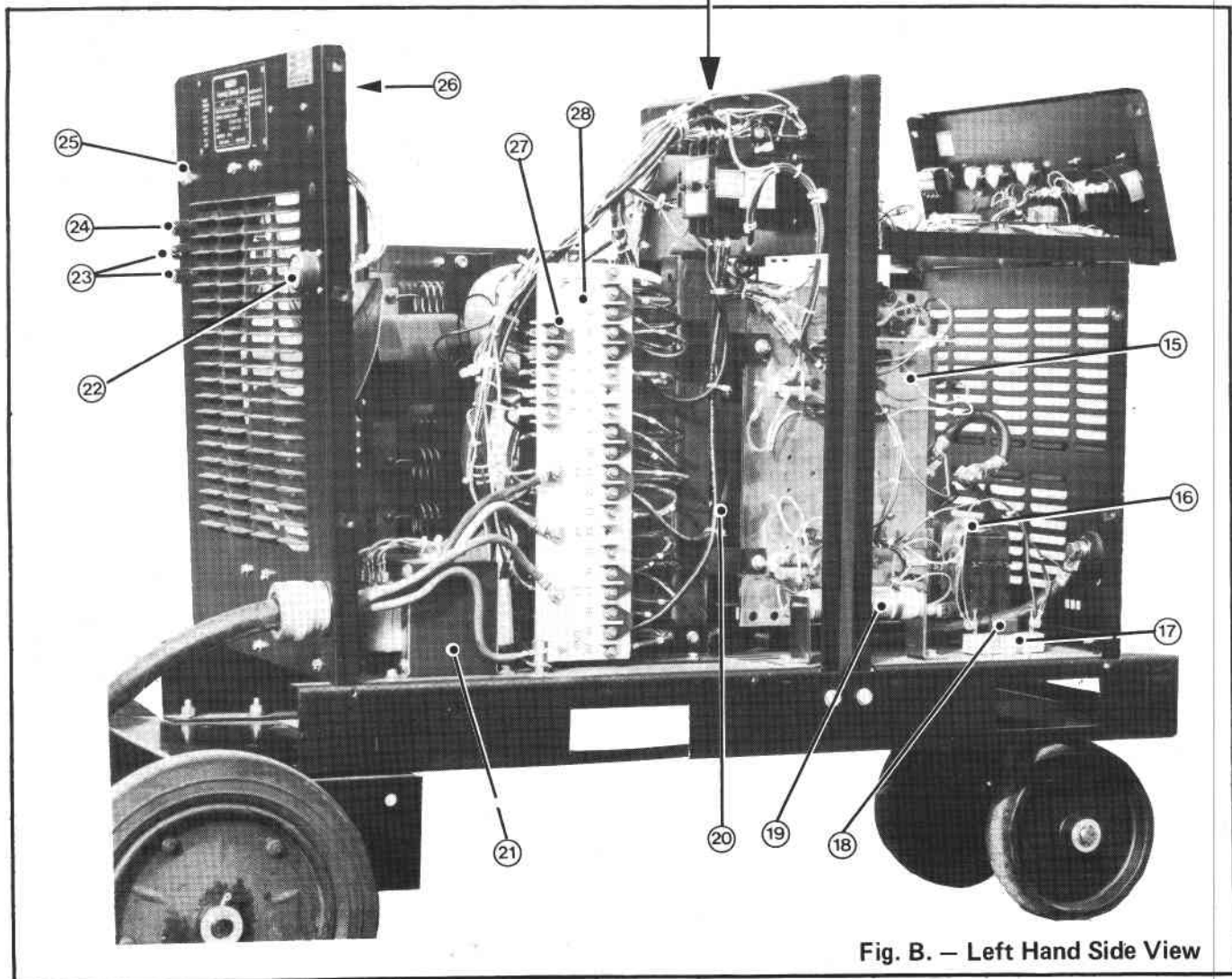
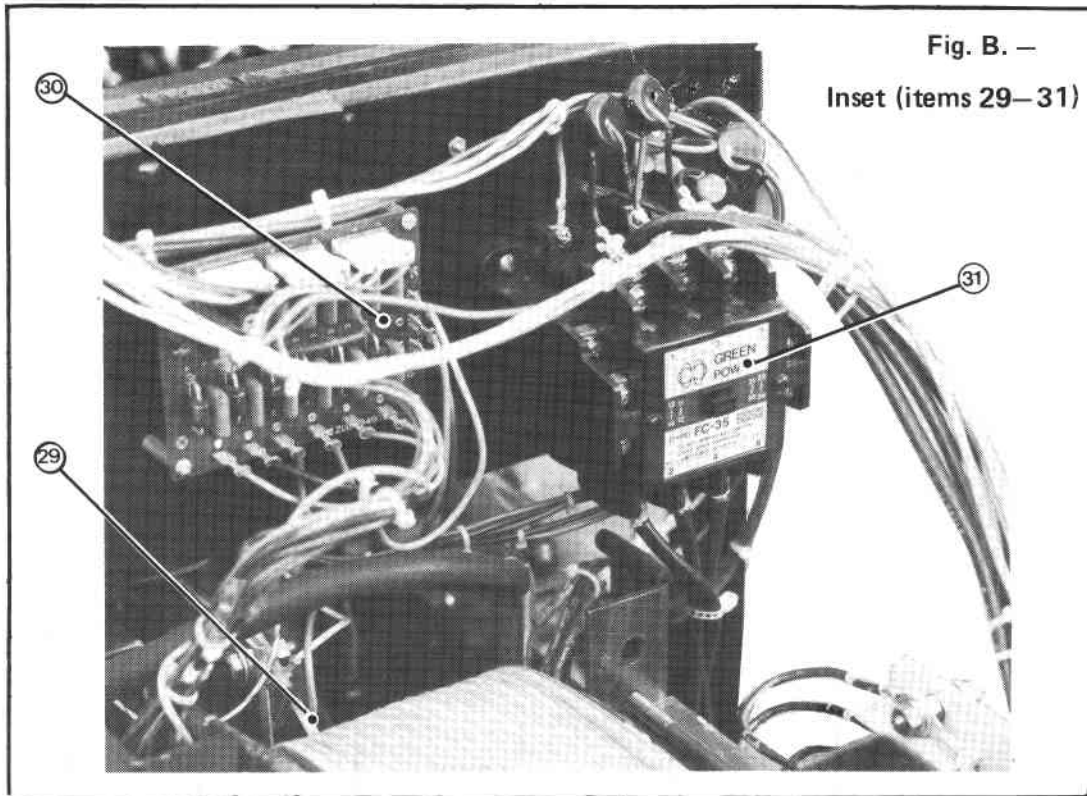


Fig. B. — Left Hand Side View

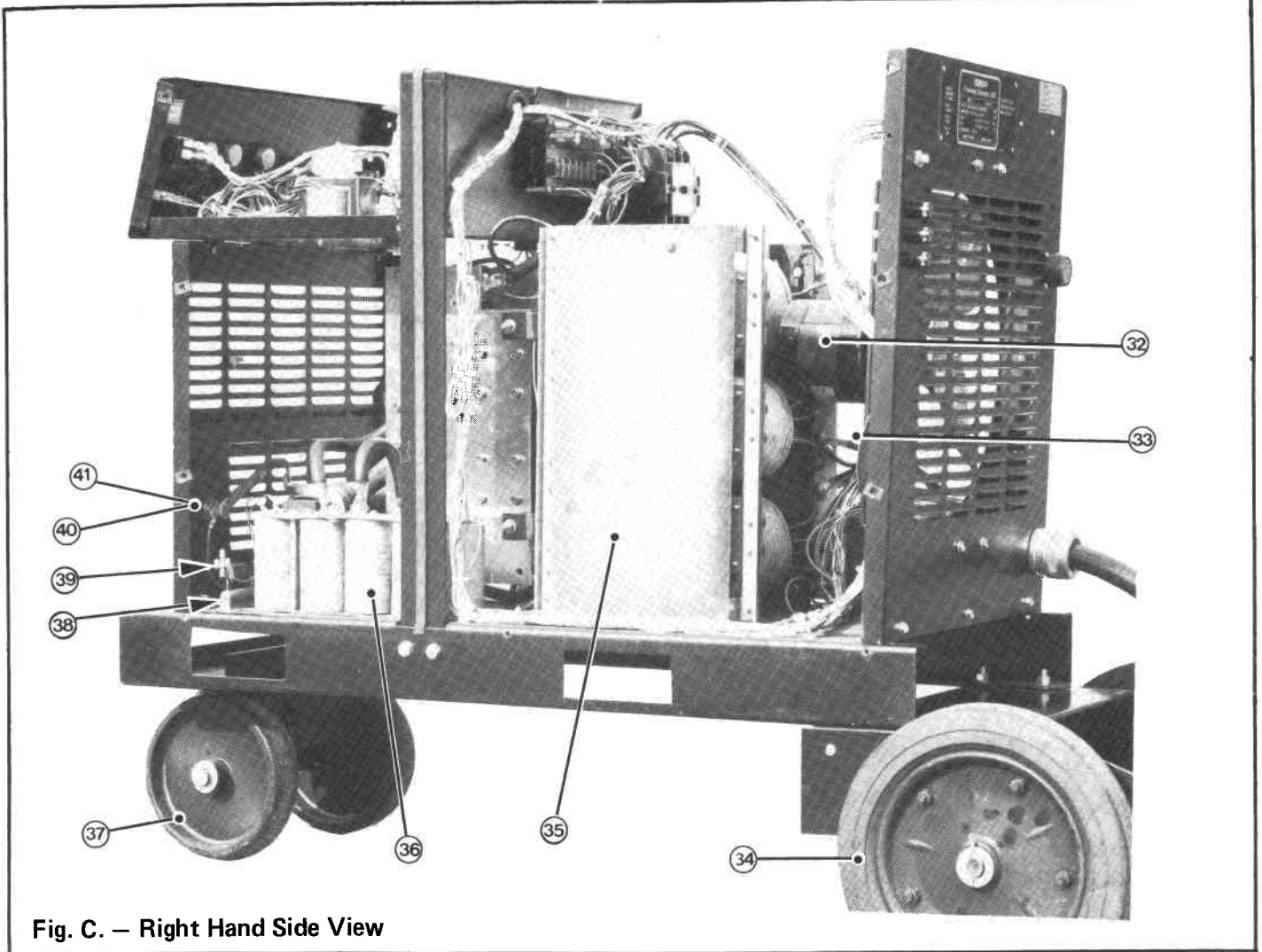


Fig. C. — Right Hand Side View

Item	Pt.No.	Cct.Ref	Description
15	1411887	D/Tr/SCR	Rectifier/Transistor Assy.
16	1411894	L1	Inductor
17	1411893	R10	Resistor (Preload)
18	1411883	C2	Capacitor 1000V
19	1411892	R9	Resistor (Collector)
20	1411888	T1	Main Transformer
21	1411889	T2	Control Transformer
22	1411895	SK3	Socket 8 pin (Wirefeeder)
—	1411743	—	Plug for item 22
23	1412208	FS1	Fuse 1 Amps
—	1411873	—	Fuse Holder
24	1412209	FS2	Fuse 2 Amps
—	1411873	—	Fuse Holder
25	1407758	CB1	Circuit Breaker 10A
26	1412200	TB2	Terminal Strip 8 way (220V/42V)
27	1411891	—	Voltage Change Link
28	1411890	TB1	Voltage Selection Panel

Item	Pt.No.	Cct.Ref.	Description
29	1411886	SH1	Shunt 400A 50mV
30	1411879	PCB3	Printed Circuit Board (Power Supply)
31	1411878	MC1	Main Contactor
32	1407032	F	Fan Motor
33	1407031	—	Fan Blade
34	1412202	—	Rear Wheel
35	1411885	R1-6	Resistor Assy (Back- ground)
36	1411884	C1	Capacitor 6800mfd (1 off)
37	1412203	—	Front Wheel
38	1411882	R12	Resistor 500 ohm, 20W
39	1411883	C12	Capacitor 1000V
40	1411880	ZNR4,5	Zenamic suppressors at both positive and neg. terminals
41	1411881	C5,6	Capacitor RF at both positive and negative terminals

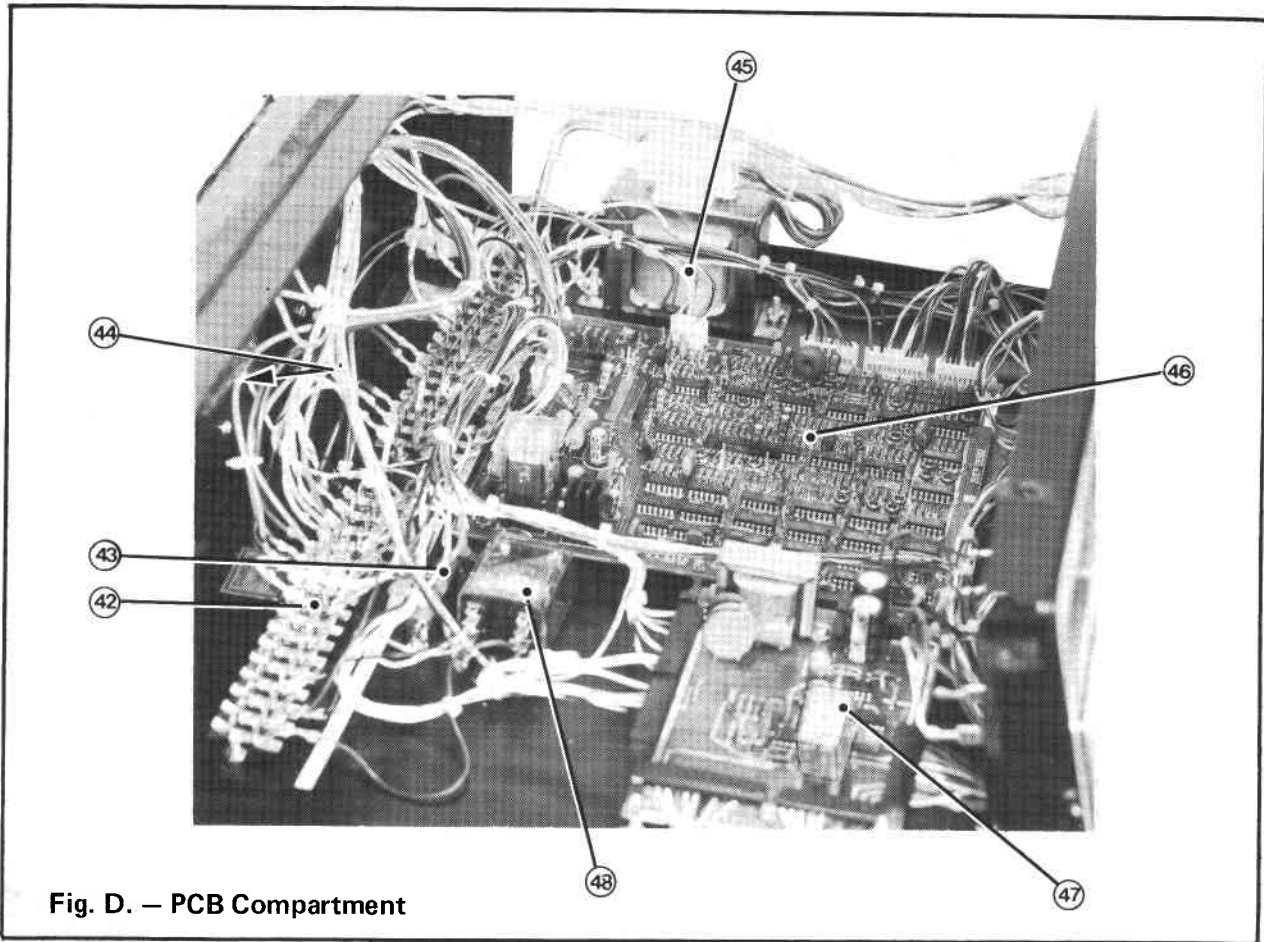


Fig. D. - PCB Compartment

Item	Pt.No.	Cct.Ref.	Description
42	1412204	TB3/4	Terminal Block 16 way
43	1411865	R8	Resistor 500 ohm 10W
44	1412206	REL 4	Relay (Contactor Isolation) 24Vac
45	1411872	T4	Control Transformer
46	1411870	PCB1	Printed Circuit Board (Control)
47	1411871	PCB2	Printed Circuit Board (Interface Switching)
48	1412206	REL 1	Relay (Torch Switch) 24Vac

OPTIONAL EXTRAS

	Part Number
Remote Control Unit with 5m lead	1411554
TM162M to TM350 Synergic Interconnection	
5m lg. inc. Control, Power and Gas leads	1411553
Work Return Cable and Clamp	1409320
Undergear complete	1411555

REMOTE CONTROL

Item	Pt. No.	Description
1	1412201	Knob (Current)
-	1411862	Potentiometer 5Kohm 2W
2	1410925	Knob (Voltage trim)
-	1410927	Potentiometer 10Kohm 2W
3	1411866	Switch (Process)
4	1411867	Switch (Main/Remote)
5	1411897	Handle (Pair)

