

# AMOCO MODEL AM-85

(Spec No. 2965G29, 2965G29-1 and 3058G13)

Form No. 2026-1 (8/70)

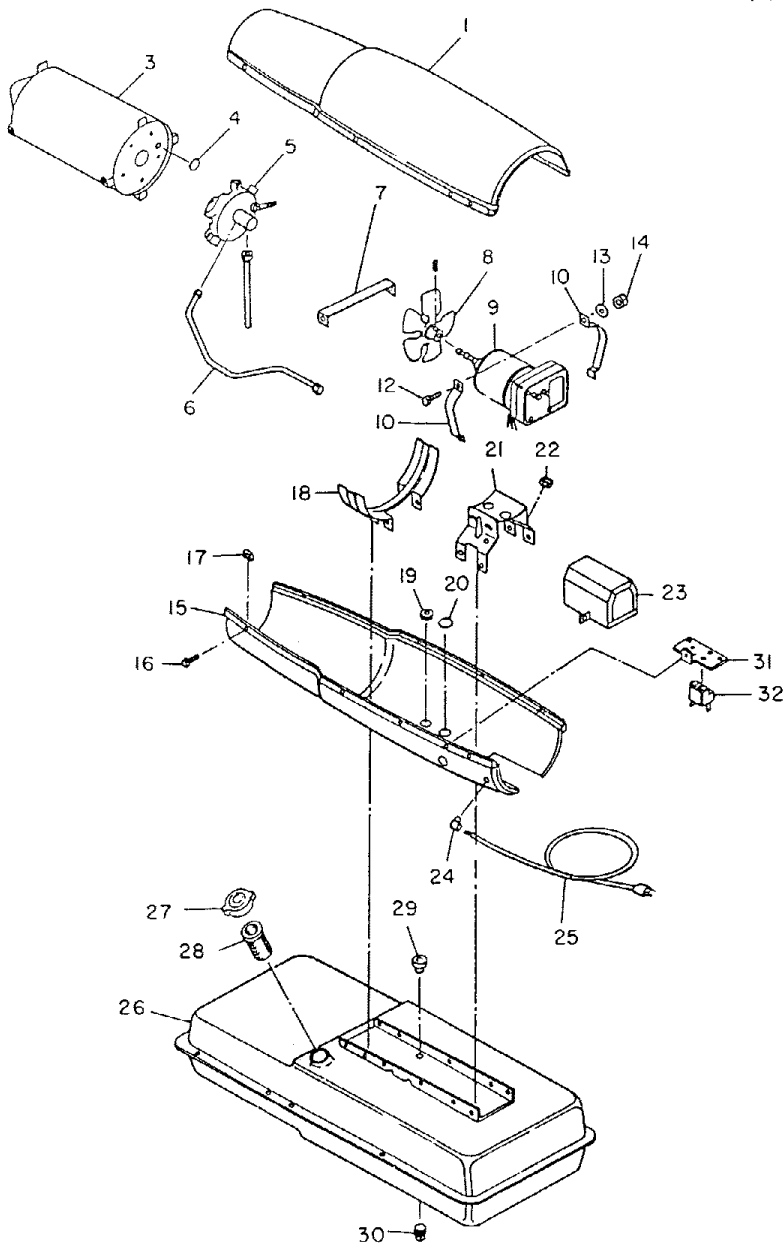


Figure 13. Heater, Exploded View

Fig. & Index No.	Part Number	Part Name	Qty.
13-1	M13134G3H	Shell, Upper	1
2		Not Used	
3	M16781G3	Chamber, Combustion	1
	*M11084-27	Screw (Combustion Chamber attaching front)	2
	*M11084-29	Screw (Combustion Chamber attaching rear)	2
4	M15995	Plug, Button (Combustion Chamber rear head)	1
5	Ref	Burner Head Assembly (see figure 14)	1
	*M11084-27	Screw (Burner Head to Combustion Chamber)	3
6	M16879	Air Line	1
7	M15807	Strap, Retainer	1
	*M11048-27	Screw (Retainer Strap to Lower Shell)	2
8	M14529	Fan, 16° pitch	1
	SF4-2-1/2K	Setscrew, Soc. hd., cup pt. 1/4-28 (Fan to Motor Shaft)	2
9	Ref	Motor Package Assy (see figure 15)	1
10	M16661	Clamp, Motor	4
11		Not Used	
12	*HC4-10C	Screw (Motor Clamps)	2
13	*WLM-4	Lockwasher 1/4 in. (Motor Clamps)	2
14	*NPC-4C	Nut, Hex, 1/4-20 (Motor Clamps)	2
15	M16777H	Shell, Lower	1
16	*M11084-27	Screw, (Upper Shell to Lower Shell)	6
17	*M11271-6	Nut, Tinnerman (Upper Shell to Lower Shell)	6
18	M12330A	Bracket, Shell Support	1
	*M11084-27	Screw (Support Bracket to Lower Shell and Fuel tank)	4
	*M11084-29	Screw (Lower Shell to Support Bracket)	2
19	1000576	Grommet (Ignition cable thru Lower Shell)	2
20	M15809	Plug, Button (For 17/32 in. dia. hole)	1
13-21	M16646	Bracket, Motor Support	1
22	1000576	Grommet (Motor leads thru Motor Support Bracket)	1
	*M11084-27	Screw (Motor Support Bracket to Lower Shell and Fuel Tank)	6
23	M16697	Transformer, 5000-volt	1
	*M11084-27	Screw (Transformer to Motor Support Bracket)	2
24	M11954	Bushing, Strain Relief (Service Cord to Lower Shell)	1
25	M10813G33	Cord Assembly, Extension	1
26	M18360G2F	Tank Assembly, Fuel	1
27	M18051	Cap, Fuel Tank	1
28	M18053	Screen, Filler Neck	1
29	M10990-3	Bushing, Rubber (Fuel Filter into Fuel Tank)	1
30	M21040	Plug, Pipe, Hex Hd. 1/4-18	1
31	M11952	Bracket, Starting Relay Mounting	1

\*Standard hardware. Procure locally.

Fig. & Index No.	Part Number	Part Name	Qty.
32	M12462-5	Relay, Starting	1
	*RC2-2C	Screw (Starting Relay to Mounting Bracket)	2
	WLI-2	Lockwasher, Internal No. 8	2
	*ST2-2AC	Screw (Grounding)	1
	M11084-27	Screw (Relay Bracket to Shell)	1
	M9900G62	Wire Assembly, Black (To Starting Relay)	1
	M13942-4	Connector (Relay Leads)	2

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Fig. & Index No.	Part No.	Part Name	Qty.
14-	M16786G3	Burner Head Assembly	1
1	M16790-2	. Filter Tube	1
2	M19630	. Filter, Fuel	1
3	M13849	. Nut, Flared	1
4	M16741-18	. Ring, Retaining	1
	M16787G4	. Nozzle Adapter Assy	1
5	M16791	. . Connector, Male	1
6	M5976	. . Connector, Male	1
7	M8882	. . Sleeve, Nozzle Seal	1
8	M10659-1	. . Washer, Nozzle Seal	2
9	M10809-1	. . Spring, Nozzle Seal	1
10	M18048	. . Nozzle, Aspirating 0.61GPH	1
11	M16535	. . Adapter, Nozzle	1
12	M16895G1	. Spark Plug Assy.	1
13	M16534	. Body, Burner Head	1

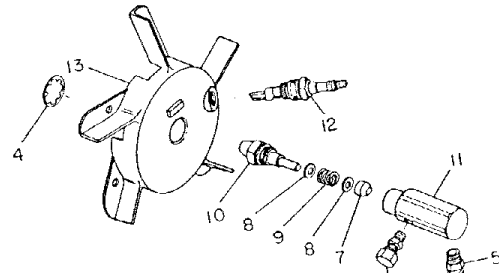


Figure 14. Burner Head Assembly

NOTE: M16789C2 Fuel Filter Assembly has been superseded by M16790-2 Filter tube and M19630 Fuel Filter Element. The heater must never be operated without the Filter Element inside Filter tube.

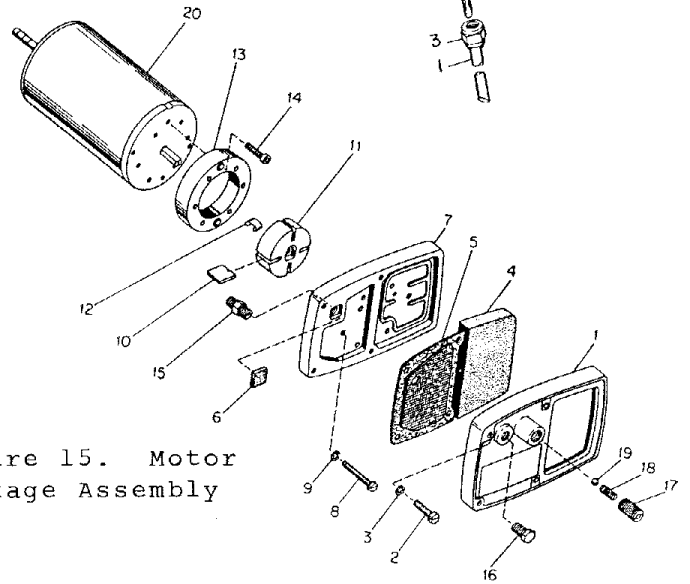


Figure 15. Motor Package Assembly

Index No.	Part Number	Part Name	Qty
-	M18146G1	Motor Package Assy	1
1	M16545	. End Cover	1
2	M12461-31*	. Screw, Hex hd, 10-32 x 1 inch	4
3	WLI-3*	. Lockwasher, Internal No. 10	4
4	M12179*	. Intake Filter	1
5	M12244G1*	. Filter Assy	1
6	M11637*	. Filter, Lint	1
7	M12233	. End Cover, Pump (Port plate)	1
8	M12461-32*	. Screw, Hex hd, 10-32 x 1-1/8 inch	6
9	WLI-3*	. Lockwasher, Internal No. 10	6
10	M8643	. Blade	4
11	M11959	. Rotor	1
12	M11966-5	. Spring	1
13	M8645	. Pump Body	1
14	FHPP3-4C*	. Screw, Fil hd, 10-32 x 1/2 inch	2
15	M5976	. Connector, Male	1
16	M10837	. Pipe Plug	1
17	M10992-1	. Screw, Pressure Adjustment	1
18	M10993-1	. Spring, Compression	1
19	M8940	. Ball, 1/4 in. dia	1
20	M17941	. Motor	1

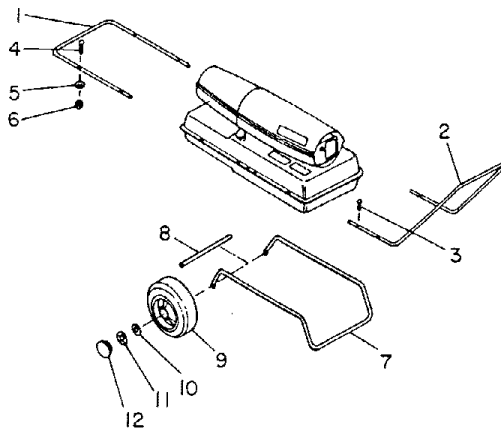


Figure 16. Wheel & Handle Group

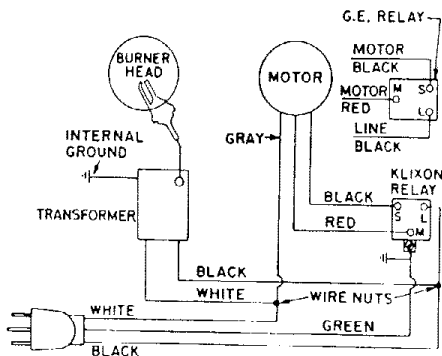


Figure 9. Wiring Diagram

Fig. & Index No.	Part Number	Part Name	Qty.
16-1	M15808A	Handle, Front	1
2	M15131A	Handle, Rear	1
3	*M12345-34	Screw, Handles and Wheel Support Frame to Fuel Tank	8
4	M12345-31	Screw, Oval hd., 10-24 x 1-1/4 in.	2
5	WP-3C	Washer, No. 10	2
6	*NTC-3C	Nut, Hex 10-24 Torque Lock	8
7	M12342B	Wheel Support Frame	1
8	M16801	Axle	1
9	M19294	Wheel	2
10	WPC-8C	Washer, Flat	2
11	M16741-15	Ring, Retaining	2
12	M16802	Hub Cap, Black	2

\*Standard hardware. Purchase locally.