



TM-227 978C

2012-03

Eff. w/Serial No. LG210001Y

Processes



MIG (GMAW) Welding

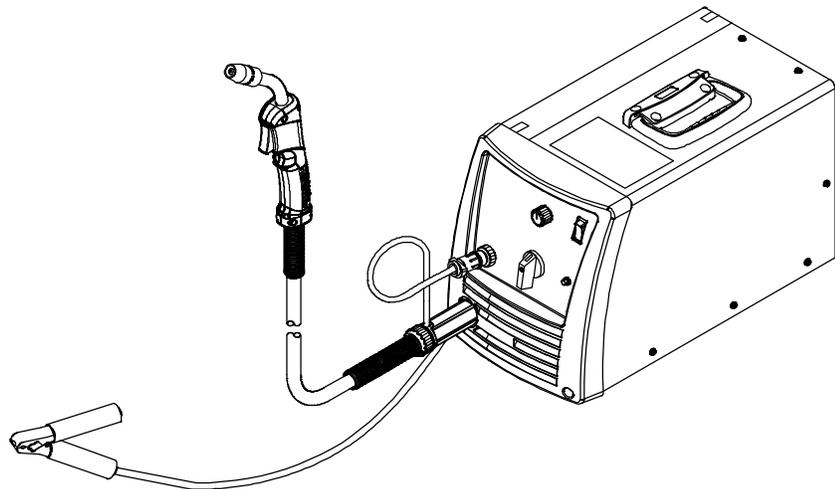
Flux Cored (FCAW) Welding

Description



Arc Welding Power Source And
Wire Feeder

Handler[®] 210



www.HobartWelders.com



PARTS LIST

SECTION 1 - PARTS LIST

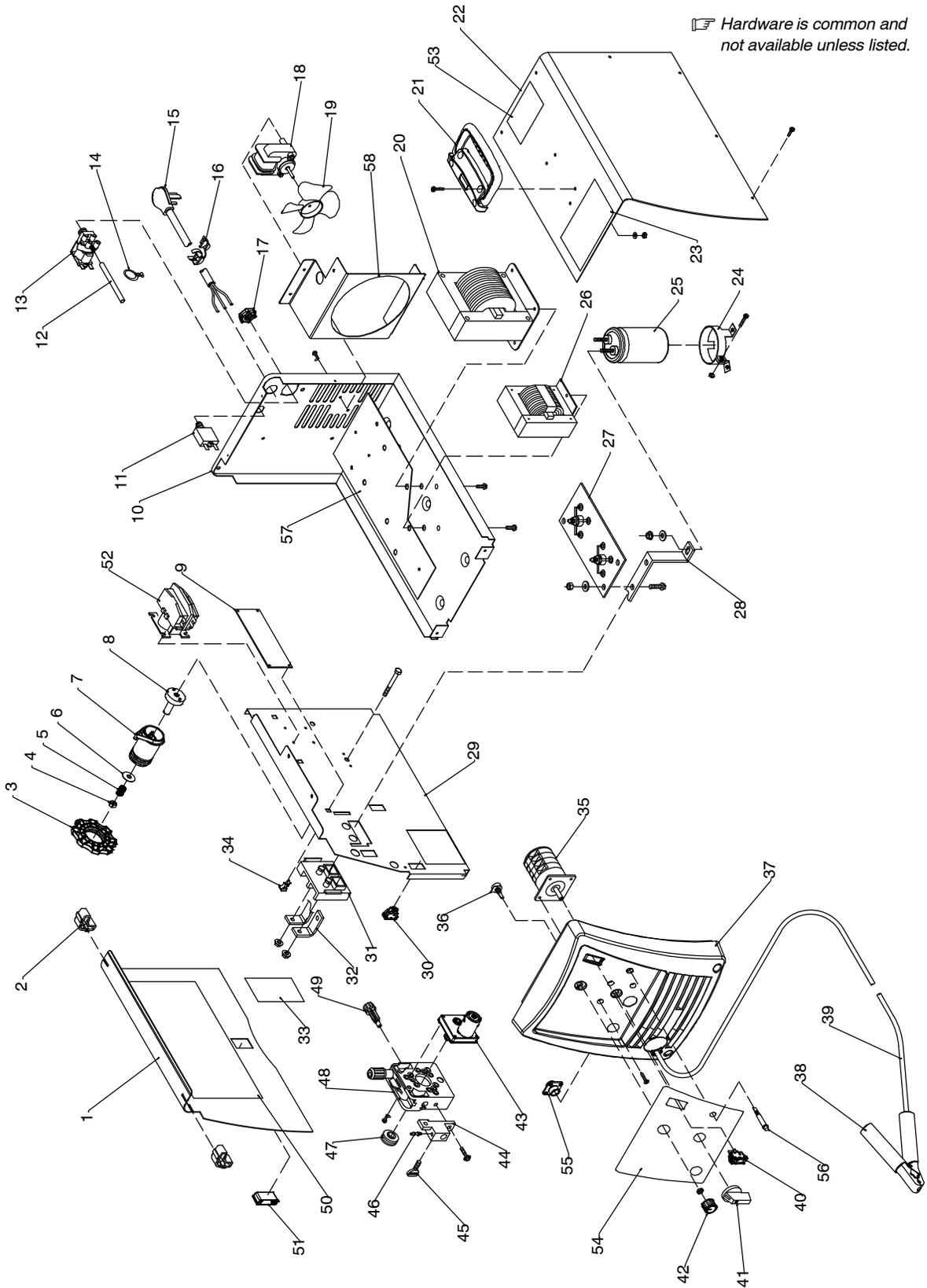


Figure 1-1. Main Assembly

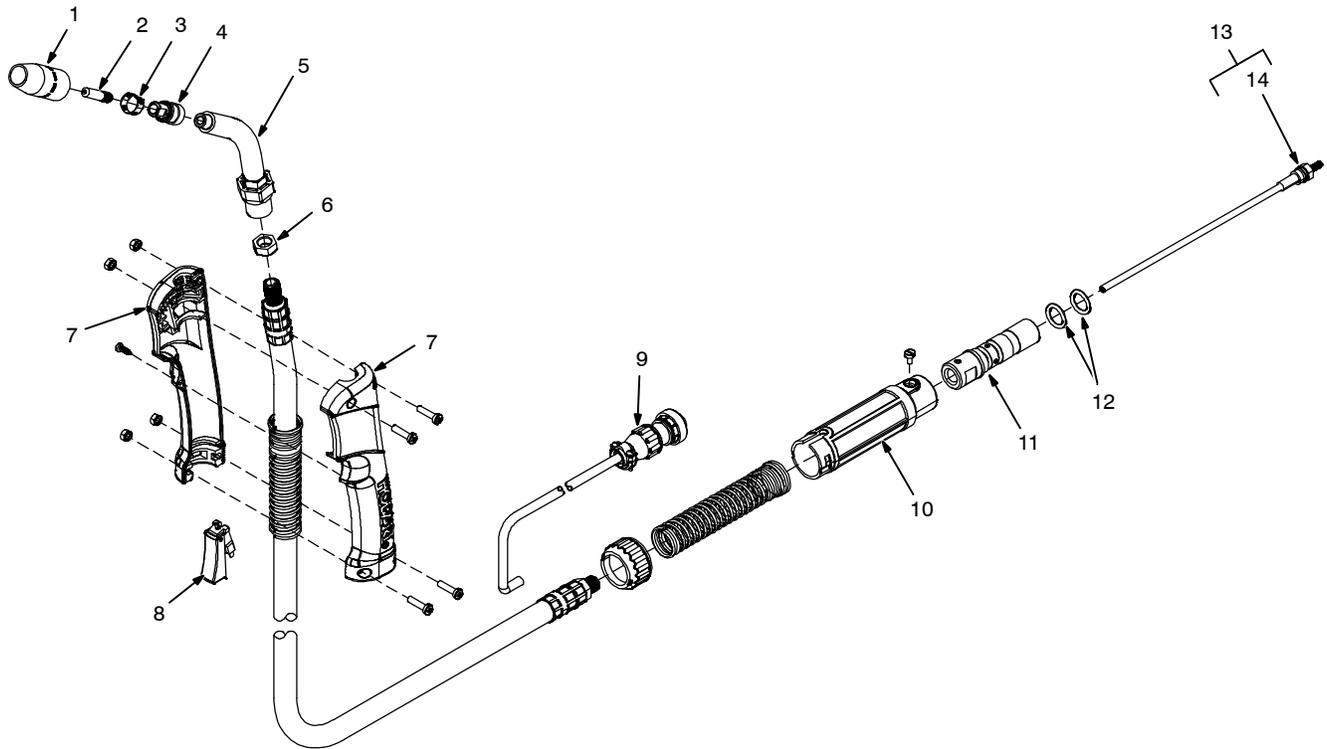
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Item No.	Dia. Mkgs.	Part No.	Description	Quantity
Figure 1-1. Main Assembly				
...	1	199 566	.. DOOR, access	1
...	2	196 006	.. HINGE, door	2
...	3	211 887	.. HUB, nut	1
...	4	204 608	.. NUT	1
...	5	202 998	.. SPRING, cprsn	1
...	6	203 072	.. WASHER, flat	1
...	7	211 339	.. HUB, spool	1
...	8	202 726	.. ADAPTER, spool hub	1
...	9	225 828	.. CIRCUIT CARD ASSY, control	1
...	10	228 645	.. BASE, lower	1
...	11	210 109	.. SUPPLEMENTARY PROTECTOR, 25 amp	1
...	12	196 467	.. TUBING, PVC .187 ID x .312 OD x 23.00	1
...	13	216 398	.. VALVE, gas	1
...	14	197 198	.. CABLE TIE, .700-.799 bundle dia	2
...	15	227 939	.. CORD SET, 250V 6-50P 12GA 3/C 7ft SPT-3 jkt	1
...	16	111 443	.. BUSHING, strain relief	1
...	17	137 761	.. NUT, gas valve	1
...	18	196 064	.. MOTOR, fan	1
...	19	409 953-001	.. BLADE, fan cooling	1
...	20	225 937	.. TRANSFORMER, power assy	1
...	21	208 015	.. HANDLE, carrying	1
...	22	+196 005	.. WRAPPER	1
...	23	204 036	.. LABEL, warning	1
...	24	203 491	.. CLAMP, capacitor	1
...	25	226 191	.. CAPACITOR, electrlt 100000uf	1
...	26	225 891	.. REACTOR ASSY	1
...	27	193 316	.. RECTIFIER ASSY	1
...	28	227 780	.. BUS BAR (positive)	1
...	29	228 706	.. BAFFLE, center	1
...	30	196 575	.. SWITCH, rocker	1
...	31	193 144	.. INSULATOR, output stud	1
...	32	193 194	.. BUS BAR (negative)	1
...	33	216 830	.. LABEL, warning	1
...	34	134 201	.. STAND-OFF	4
...	35	226 813	.. SWITCH, rotary 32A 7 position	1
...	36	209 873	.. POTENTIOMETER,	1
...	37	229 738	.. PANEL, front (black)	1
...	38	208 820	.. CLAMP, work	1
...	39	196 619	.. CABLE, work	1

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
Figure 1-1. Main Assembly (Continued)				
... 40	...	196 574	.. SWITCH, rocker DPST	1
... 41	...	228 400	.. KNOB, pointer (voltage)	1
... 42	...	211 338	.. KNOB, pointer (WFS)	1
... 43	...	217 778	.. MOTOR, gear	1
... 44	...	193 189	.. CONNECTOR, gun	1
... 45	...	196 654	.. SCREW, thumb	1
... 46	...	230 012	.. FITTING, gas barbed	1
... 47	...	237 338	.. ROLL, feed .024 in, .030/.035 in	1
... 48	...	194 508	.. HEAD, feed assy	1
... 49	...	203 025	.. GUIDE, wire inlet	1
... 50	...	227 949	.. LABEL, weld chart	1
... 51	...	204 711	.. LATCH	1
... 52	...	217 585	.. CONTACTOR	1
... 53	...	203 572	.. LABEL, warn gen precaution (EN/FR models only)	1
... 54 LABEL, nameplate (order by model and serial number)	1
... 55	...	048 282	.. RCPT W/SKTS,(service kit)	1
... 56	...	202 661	.. LED, yellow	1
... 57	...	233 346	.. PLATE, stiffener base	1
... 58	...	229 793	.. WINDTUNNEL	1
...	...	221 037	.. REGULATOR/FLOWMETER, 10–50 CFH argon/CO ₂	1
...	...	183 581	.. HOSE, assembly gas	1

+When ordering a component originally displaying a precautionary label, the label should also be ordered.

To maintain the factory original performance of your equipment, use only Manufacturer's Suggested Replacement Parts. Model and serial number required when ordering parts from your local distributor.



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Figure 1-2. H100S4-10 Gun

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
245 926 Figure 1-2. H100S4-10 Gun				
...	1	169 715	.. NOZZLE, slip type .500 orf flush	1
...	1	+226 190	.. NOZZLE, flux cored slip type	1
...	2	+087 299	.. TIP, contact scr .023 wire x 1.125	1
...	2	+000 067	.. TIP, contact scr .030 wire x 1.125	1
...	2	+000 068	.. TIP, contact scr .035 wire x 1.125	1
...	2	+000 069	.. TIP, contact scr .045 wire x 1.125	1
...	3	170 470	.. RING, retaining	1
...	4	169 716	.. ADAPTER, contact tip	1
...	5	246 373	.. TUBE, head	1
...	6	243 865	.. NUT, jam	1
...	7	242 832	.. HANDLE	1
...	8	225 410	.. SWITCH, trigger	1
...	9	079 878	.. HOUSING PLUG & PINS	1
...	10	246 380	.. HOUSING, power pin	1
...	11	245 927	.. CONNECTOR, feeder	1
...	12	197 123	.. O-RING, .312 ID X .062 70 duro buna-n	2
...	13	+194 010	.. LINER, monocoil .023/.025 wire x 15ft (consisting of)	1
...	13	+194 011	.. LINER, monocoil .030/.035 wire x 15ft (consisting of)	1
...	13	+194 012	.. LINER, monocoil .035/.045 wire x 15ft (consisting of)	1
...	14	079 975 O-RING, .187 ID x .103CS rbr	1

+OPTIONAL

To maintain the factory original performance of your equipment, use only Manufacturer's Suggested Replacement Parts. Model is required when ordering parts from your local distributor.

1-3. Optional Drive Rolls

For All Feed Head Assemblies	
PART NO.	WIRE DIAMETER INCHES (mm)
237 338	.023/.025 (.6) and .030/.035 (.8 and .9)
202 926	.030/.035 (.8 and .9) and .045 (1.2 VK Groove)

1-4. Options

PART NO.	DESCRIPTION	REMARKS
770 187	Running Gear/Cylinder Rack	For One Small Gas Cylinder, 100 lb (45 kg) max.
194 776	Small Running Gear/Cylinder Rack	For One Small Gas Cylinder, 75 lb (34 kg) max.
246 801	H100S4-10 Replacement Gun	10 ft length/.030-.035 wire size
300 173	DP 3035-20 Spool Gun	For push/pull wire feeding
195 186	Protective Cover	Weatherproof nylon
212 492	Regulator/Flowmeter	For use with CO ₂ shielding gas, 10–50 CFH
144 108	Gas hose, 5 ft	For use with regulator/flowmeter 212 492

1-5. Consumables

ITEM	HOBART PACKAGE NO.*	MILLER PACKAGE NO.**
Contact Tips		
.023/.025 in (0.6 mm)	770 174 (5 per package)	087 299 (10 per package)
.030 in (0.8 mm)	770 177 (5 per package)	000 067 (10 per package)
.035 in (0.9 mm)	770 180 (5 per package)	000 068 (10 per package)
.045 in (1.2 mm)	770 183 (5 per package)	000 069 (10 per package)
MIG Nozzle (Standard)		
	770 404	169 715
Gasless Flux Cored Nozzle		
	770 487	226 190
Tip Adapter		
	770 402	169 716
Replacement Liners		
.023/.025 in (0.6 mm)	196 139	194 010
.030/.035 in (0.8/0.9 mm)	196 139	194 011
.035/.045 in (0.9/1.2 mm)	196 140	194 012
*Available at farm and tool supply retailers.		
**Available at Hobart/Miller welding distributors.		

NOTE: If individual parts are required, see Parts List chapter of this manual for part number to order.

Hobart Welding Products

An Illinois Tool Works Company
600 West Main Street
Troy, OH 45373 USA

For Technical Assistance:

Call 1-800-332-3281

For Literature Or Nearest Dealer:

Call 1-877-Hobart1

