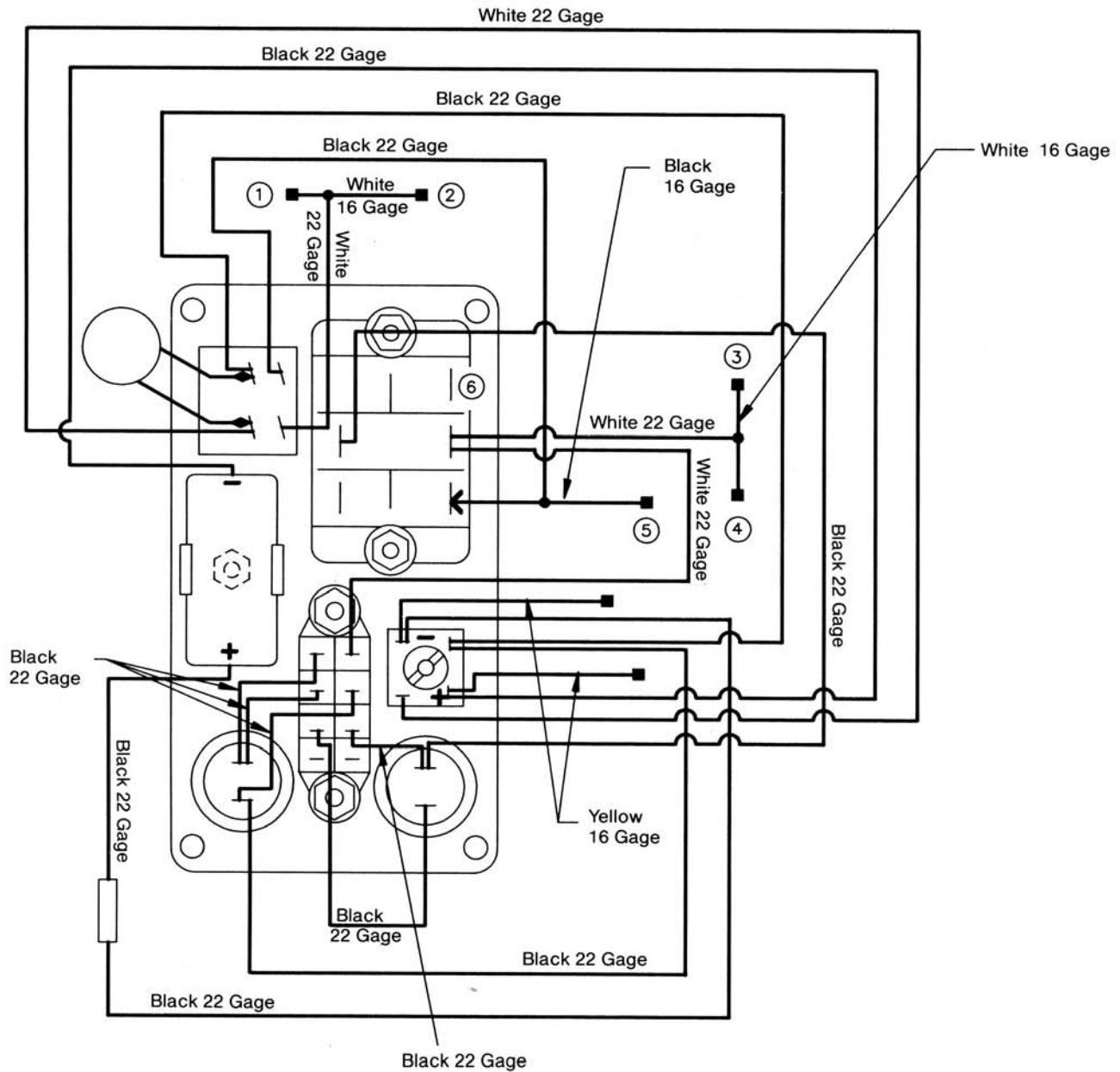


CONTROL PANEL WIRING DIAGRAM



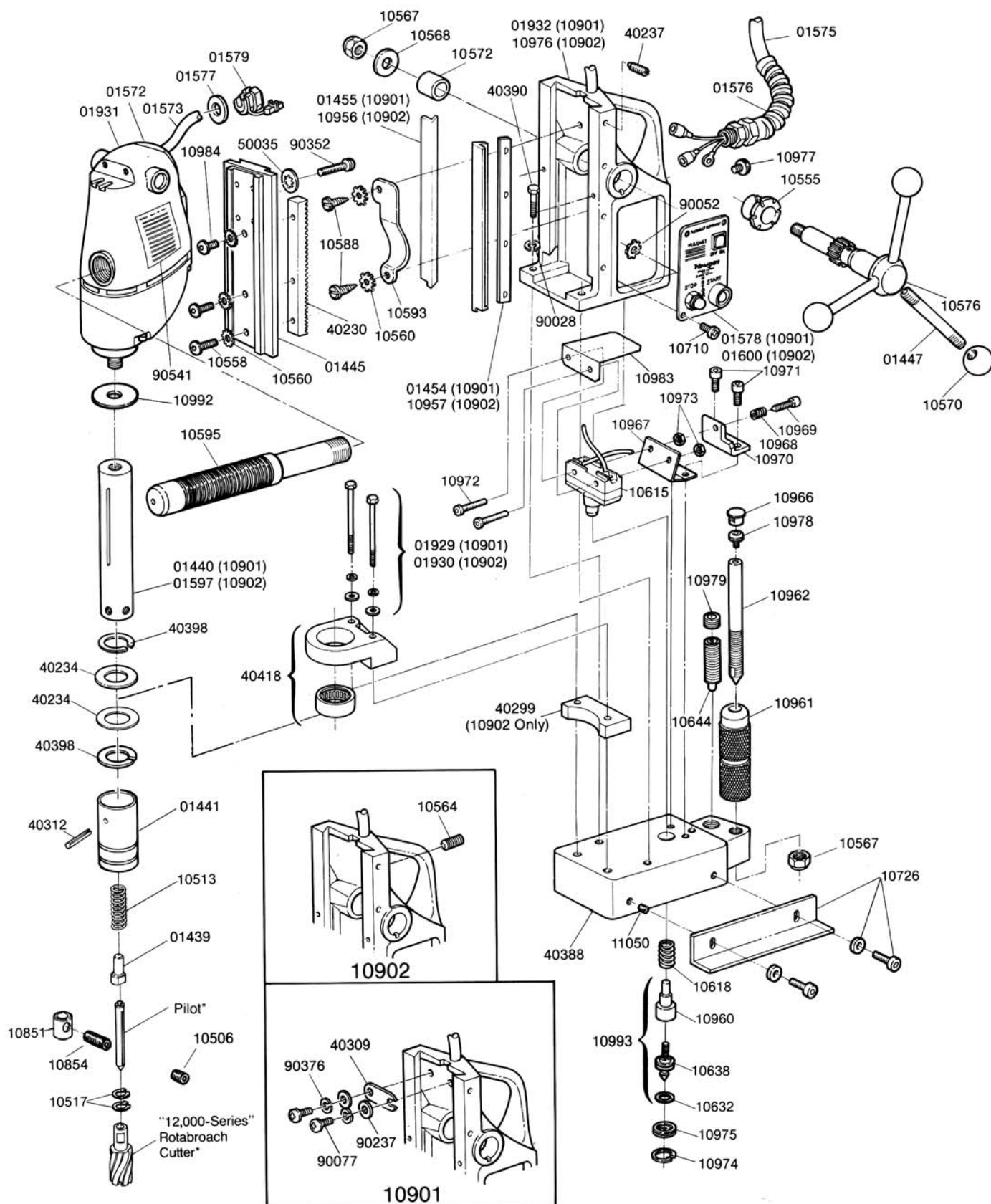
SYMBOLS

- — Soldered Wire to Wire
- — Spade Connector
- ◀ — Lead from Component
- ⊥ — Soldered Connection to Component Terminal
- ↖ — Right Angle Spade Connector

HOOK-UP INSTRUCTIONS

- ① To Power Cord - White
- ② To Safety Switch
- ③ To Safety Switch
- ④ To Motor Cord - White
- ⑤ To Power Cord - Black
- ⑥ To Motor Cord - Black

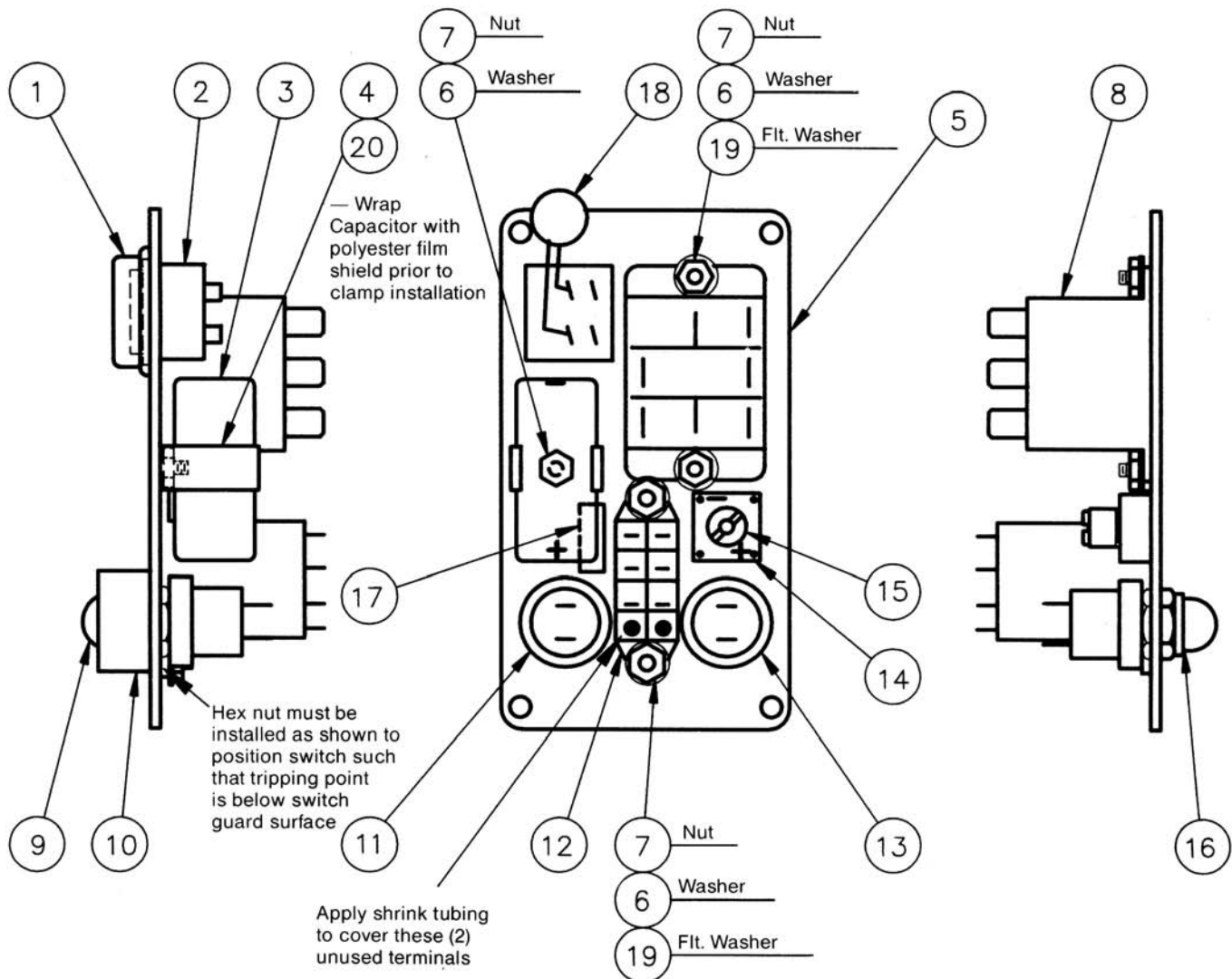
*Attach the green ground wires from the power cord and motor cord to the drill housing, making sure that the lock washer is installed between the ring terminals on the wires and the drill housing.



Part No.	Description	No. Req.*	Part No.	Description	No. Req.*
01439	Spring Seat		10726	Pipe Adapter Kit (Optional)	
01440	Arbor for 10901		10851	.500 to .750 Arbor Adapter (Optional)	
01441	Ejector Collar		10854	3/8-24 x 7/16 Set Scrw for Use with 10851 Adapter (Optional)	
01445	Slide (Motor Mount)		10956	Brass Gibs - Pair (Left & Right) for 10902	
01447	Feed Handle	3	10957	Steel Gib (For 10902)	
01454	Steel Gib (For 10901)		10960	Plunger Body for Safety Switch	
01455	Brass Gibs - Pair (Left & Right) for 10901		10961	Slide Hammer	
01572	Brush Cover		10962	Impactor	
01573	Motor Cord		10966	Dust Cap for Slide Hammer	
01575	Power Cord		10967	Microswitch Mounting Spring	
01576	Pigtail Strain Relief		10968	Microswitch Adjusting Spring	
01577	Strain Relief Backup Washer		10969	Microswitch Adjusting Screw	
01578	Control Panel for 10901		10970	Safety Switch Adjustment Bracket	
01579	Strain Relief Bushing		10971	1/4-20 x 1/2 Soc. Hd. Cap Scr. (Mount Adjusting Bracket)	2
01597	Arbor for 10902		10972	#6-32 x 7/8 Button Hd. Soc. Scr. (Mount Microswitch)	2
01600	Control Panel for 10902		10973	#6-32 Nylon Insert Nut	2
01929	Front Support Bolt Kit for 10901		10974	Snap Ring (Plunger Assembly Retainer)	
01930	Front Support Bolt Kit for 10902		10975	Pivot Point Seal	
01931	Motor (Includes 1 ea. 90541, 10992, 01572, 01573, 01577, and 01579)		10976	Housing for 10902 (Includes 1 ea. 10572)	
01932	Housing for 10901 (Includes 1 ea. 10572)		10977	1/4-20 x 1/4 Button Hd. Soc. Scr. (Adjustment Access Hole Plug)	
10506	Flat Pt. Set Screw (Cutter Shank to Arbor) 3/8-24 x 5/15	2	10978	5/16-24 x 3/8 Button Hd. Soc. Scr. (Slide Hammer Retaining Screw)	
10513	Spring for Arbor		10979	Glide Post Lock Screw	
10517	Snap Ring for Arbor	2	10983	Microswitch Insulating Shield	
10555	Bushing 1-1/8 I.D. x 1-1/8 Long (Control Panel Side)		10984	10-32 x 7/8 Button Hd. Soc. Cap Scr. (Upper Screw for 10959 Slide)	
10558	Screws #10-32 x 1 Buttonhead (Slide to Rack)	2	10992	Arbor Spacer	
10560	#10 Washer-External Tooth (For Slide to Rack Screws)	3	10993	Safety Switch Pivot Assembly (Includes 10638, 10960, 10632)	
	(For Cord Clamp to Housing)	2	11050	Plugs for Pipe Adapter Mounting Holes	4
10564	Screw - 1/4-28 x 7/8 Cup Point (For 10902)		40230	Gear Rack	
10567	Jam Nut, 1/20-20 (For Locking Hub)	1	40234	Thrust Washer	2
	(For Locking Impactor)	1	40237	SH Set Screw - 1/4-28 x 1/2 Fl. Dg.	4
10568	Washer for Jam Nut, 1/2 I.D. x 1-1/8 O.D. x .09		40299	3/4" Front Support Bracket Spacer (For 10902)	
10570	Feed Handle Knob	3	40309	Clamp-Cord to Housing (For 10901)	
10572	Bronze Bushing .815 O.D. x .627 I.D. x 1.00 Long		40312	3/16" Dia. Roll Pin	
10576	Feed Handle Assembly (Includes 5/8" Dia. Gear Shaft)		40388	Magnet (Includes 4 ea. 11050 Screws)	
10588	Screw, #10 x 3/8 Self Tapping (Clamp to Frame, Upper)	2	40390	1/4-20 x 1" Hex Bolt, Grade 8	3
10593	Clamp (Secures Motor Cord to Housing)		40398	Retaining Ring - 1.562 Nom. I.D.	2
10595	Handle Only (Optional)		40418	Front Support Bracket Assembly	
10615	Microswitch Assembly		50035	1/4" Lock Washer - Internal Tooth .	4
10618	Safety Switch Compression Spring		90028	1/4" Helical Lock Washer	3
10632	Snap Ring for Bearing Assembly		90052	#6 Lock Washer - Ext. Tooth	
10638	Safety Switch Bearing Assembly		90077	Screw - BHC #10-32 x 1/2 (For 10901)	2
10644	Glide Post		90237	#10 Flat Washer (For 10901)	2
10710	Screw, #6-32 x 5/16 (For Mounting Switch Plate)	4	90352	Screw - SHC - 1/4-28 x 1	4
	(For Grounding Motor Cord)	1	90376	#10 Lock Washer - Internal Tooth (For 10901)	2
			90541	Warning Tag	

* One required, except as noted.

CONTROL PANEL PARTS LIST



NOTE: All soldered connections must also be mechanically joined. Install heat shrink tubing over all soldered connections and bare component leads.

Detail No.	Description	Part No.	No. Req.	Detail No.	Description	Part No.	No. Req.
1	Switch Boot	01832	1	12	Logic Relay	01205	1
2	Rocker Switch	01833	1	13	Pushbutton Switch	01237	1
3	Capacitor	90676	1	14	Rectifier	10705	1
4	Capacitor Clamp	01834	1	15	Plastic Slotted Nut	01835	1
5	Panel Faceplate for 10902	01601	1	16	Switch Boot	01228	1
5	Panel Faceplate for 10901	01559	1	17	Resistor	90663	1
6	Lock Washer - #6 Ext. Tooth	90052	5	18	Surge Suppressor	10718	1
7	Hex Nut - #6-32	40374	5	19	Flat Washer — #6	51038	4
8	Power Relay	01571	1	20	Capacitor Shield	01954	1
9	Switch Boot	01227	1	—	Control panel for 10901	01578	1
10	Switch Guard	01226	1	—	Control Panel for 10902	01600	1
11	Pushbutton Switch	01236	1				