



# SERVICE PARTS LIST

**BULLETIN NO.**  
**55-30-0175**

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
<b>MAG STAND CONTROL PANEL</b>			Mar. 2002
CATALOG NO. <b>23-35-0330</b>	SERIAL NUMBER	WIRING INSTRUCTION <b>SEE BELOW</b>	

**EXAMPLE:**  
00 0 Component Parts (Small #)  
Are Included When Ordering  
The Assembly (Large #).

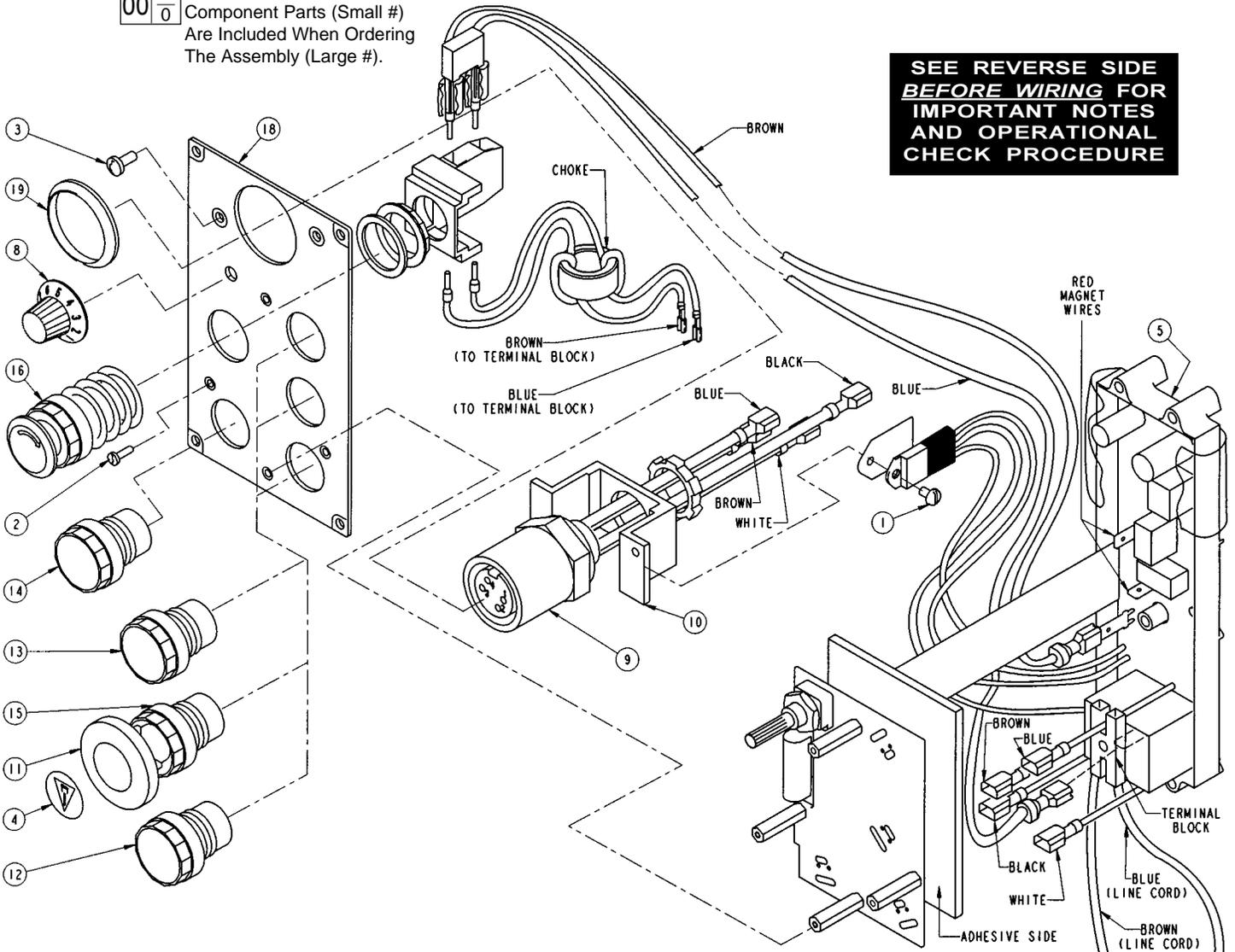


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	06-81-8650	6-32 x 1/4" Rd. Hd. Sems	1
2	06-82-5268	4-40 x 3/8" Pan Hd. Taptite T-9	4
3	06-82-7252	8-32 x 3/8" Pan Hd. Slit. Tapt. T-20	2
4	-----	"Drill-OFF" Label	1
5	-----	Circuit Board / Potting Assembly	1
8	23-18-0080	Knob	1
9	23-33-0470	Receptacle	1
10	42-36-1770	Receptacle Bracket	1

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
11	42-42-0385	Switch Off Button	1
12	42-42-0400	Push Button-Solid Yellow	1
13	42-42-0405	Push Button-Solid Green	1
14	42-42-0440	Push Button-Clear	1
15	42-42-0450	Push Button-Blank	1
16	42-42-0455	Turn Button	1
18	44-66-0820	Panel Plate Assembly	1
19	45-06-0650	Receptacle Seal	1

- ROUTE TWO MAGNETIC BASE LEADS (RED WIRES WITH YELLOW SLEEVING) THROUGH ADJUSTING PLATE AND PAST ADJUSTING LOCK MECHANISM, ONE ON EACH SIDE. MAKE SURE SLEEVING IS NOT ABRADED DURING ROUTING.
- SECURE LINE CORD IN SUPPORT HOUSING.
- ATTACH WIRE GROUND TERMINAL TO SUPPORT HOUSING GROUNDING TERMINAL.
- ATTACH THE BROWN AND BLUE LEADS FROM LINE CORD, AS SHOWN.
- ATTACH THE POTTED PCB ASSEMBLY TO THE SUPPORT HOUSING.
- GENTLY PUSH THE BUNDLE OF WIRES DOWNWARD AND INSTALL THE CONTROL PANEL INTO THE HOUSING. AVOID PINCHING WIRES OR THE RIBBON CABLE AS THE CONTROL PANEL IS BEING INSTALLED.

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PANEL ASSEMBLY IS ATTACHED TO THE SUPPORT HOUSING AS FOLLOWS:

- THREE (3) #8-32 X 1-1/4" NYLON SCREWS ARE USED THROUGH THE TOP AND MIDDLE HOLES IN THE POTTED ASSEMBLY, USING THE TAPPED HOLES IN THE BACK OF THE SUPPORT HOUSING.

### PANEL OPERATIONAL CHECK LIST

1. SET UP
  - A) PLACE THE STAND ON A STEEL SURFACE
  - B) ATTACH A 230 V AC MOTOR
  - C) SET SPEED DIAL TO THE FULL-ON POSITION (ROTATE CLOCKWISE UNTIL DIAL KNOB STOPS)
  - D) APPLY 230 V AC
2. PRESS THE MAINS POWER BUTTON
3. PRESS THE "FWD" BUTTON AND THEN PRESS THE "REV" BUTTON  
RESPONSE - DRILL DOES NOT OPERATE
4. PRESS THE "DRILL-OFF" BUTTON AND THEN THE "MAGNET" BUTTON  
RESPONSE - MAGNET TURNS ON, "MAGNET" BUTTON LIGHTS, DRILL DOES NOT OPERATE
5. TRY TO MOVE THE STAND  
RESPONSE - MAGNET DOES NOT ALLOW MOVEMENT
6. PRESS THE "FWD" BUTTON  
RESPONSE - DRILL ROTATES IN THE FORWARD DIRECTION
7. PRESS THE "DRILL-OFF" BUTTON  
RESPONSE - DRILL ROTATION STOPS
8. PRESS THE "REV" BUTTON  
RESPONSE - DRILL ROTATES IN THE REVERSE DIRECTION
9. PRESS THE "DRILL-OFF" BUTTON  
RESPONSE - DRILL ROTATION STOPS
10. PRESS THE "FWD" BUTTON  
RESPONSE - DRILL ROTATES IN FORWARD DIRECTION
11. PRESS THE "MAGNET" BUTTON  
RESPONSE - MAGNET STAYS ON AND "MAGNET" BUTTON STAYS LIT
12. ROTATE THE "SPEED DIAL" TO IT'S FULL OFF POSITION AND THEN BACK TO FULL-ON  
RESPONSE - MOTOR SPEED DECREASES AND INCREASES IN RESPONSE TO THE DIAL SETTING
13. PRESS THE "REV" BUTTON  
RESPONSE - DRILL SPEED DECREASES BEFORE REVERSING (SLIGHT FOR THE 4253 MOTOR), DRILL ROTATION CHANGES TO REVERSE, DRILL SPEED INCREASES TO FULL ON
14. PRESS THE "MAGNET" BUTTON  
RESPONSE - MAGNET STAYS ON AND "MAGNET" BUTTON STAYS LIT
15. PRESS THE "DRILL-OFF" BUTTON  
RESPONSE - DRILL ROTATION STOPS AND MAGNET STAYS ON, "MAGNET" BUTTON STAYS LIT
16. PRESS THE "MAGNET" BUTTON  
RESPONSE - MAGNET TURNS OFF, "MAGNET" BUTTON EXTINGUISHES
17. TURN THE MAINS POWER BUTTON CLOCKWISE UNTIL IT RELEASES

