

SERVICE PARTS LIST

BULLETIN NO.
54-30-0401

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS

MAG STAND CONTROL PANEL 23-35-0252

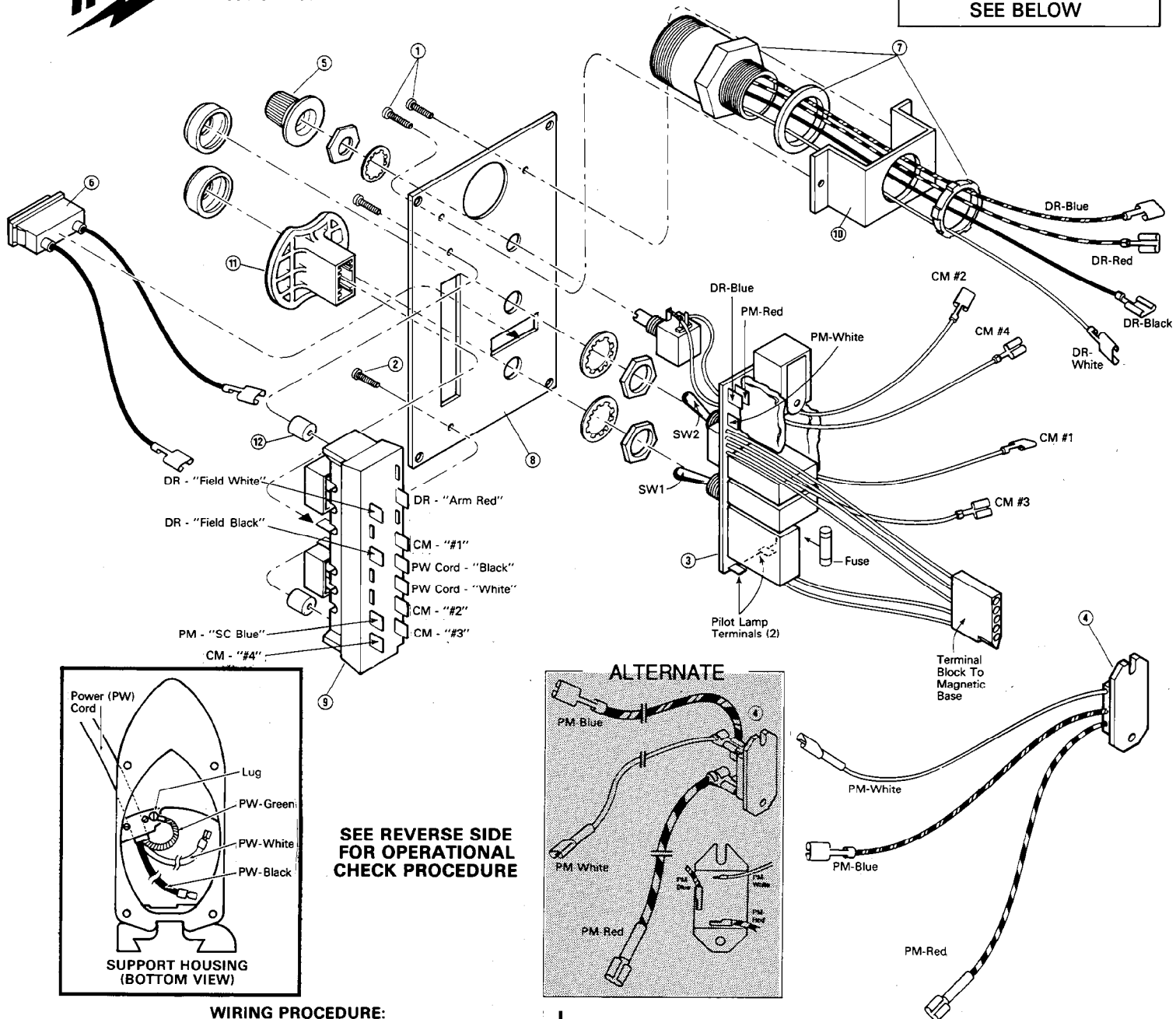
REVISED BULLETIN

DATE

Jan. '87

WIRING INSTRUCTION

SEE BELOW



**SEE REVERSE SIDE
FOR OPERATIONAL
CHECK PROCEDURE**

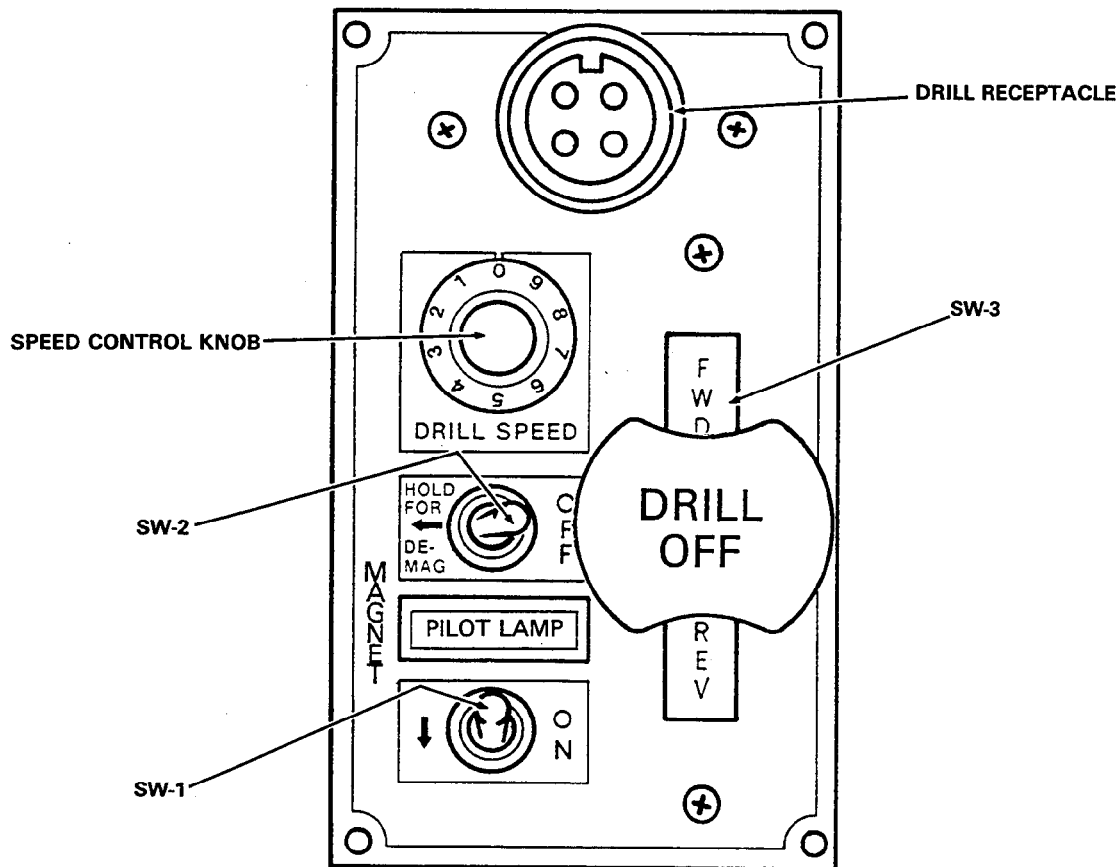
WIRING PROCEDURE:

- Wire Nos. CM-1, CM-2, CM-3 and CM-4 from Control Module (fig. 3) fasten to correspondingly numbered terminals on back of Drill Switch Assembly (fig. 9).
- DR-Black, DR-White and DR-Red wires from Drill Receptacle Assembly (fig. 7) fasten, respectively, to "Field Black", "Field White" and "Arm Red" terminals on back of Drill Switch Assembly (fig. 9).
- DR-Blue wire from Drill Receptacle Assembly (fig. 7) fastens to DR-Blue terminal, as shown, on Control Module (fig. 3).
- PM-Blue wire from Power Module (fig. 4) fastens to "SC Blue" terminal on back Switch Assembly (fig. 9).
- PM-Red and PM-White wires from Power Module (fig. 4) fasten, respectively to PM-Red and PM-White terminals, as shown, on Control Module (fig. 3).
- Black wires from Pilot Lamp (fig. 6) fasten to "Pilot Lamp" terminals on Control Module (Fig. 3).
- "Power Cord" Black and White lead wires fasten to corresponding labeled "PW Cord" (Black/White) terminals on back of drill switch assembly (Fig. 9). Power Cord Green wire fastens to lug on the bottom/inside of the Support Housing (See Insert Above).

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	06-85-0400	6-20 x 3/4 Type 25 Phillips Pan Hd. Screw	2
2	06-85-0410	6-20 x 3/4 Pan Hd. Plastite Screw	2
3	14-20-0012	Control Module Includes:	1
	22-89-0160	Slo-Blo Fuse	1
4	14-20-0212	Power Module	1
5	23-18-0080	Drill Speed Control Knob	1
6	23-26-0080	Pilot Lamp Assembly	1
7	23-33-0230	Drill Receptacle Assembly (Socket, rubber washer and nut)	1
8	23-35-0260	Panel Blank	1
9	23-66-0936	Drill Switch Assembly	1
10	42-36-0410	Receptacle Mounting Bracket	1
11	42-42-0270	Switch "OFF" Button	1
12	45-36-0770	Switch Spacer	2

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PANEL OPERATIONAL CHECK PROCEDURE



1. Connect assembled panel to magnet base assembly.
 - A) Place magnetic drill stand on clean/flat 1/2" steel plate.
 - B) Plug drill motor into drill receptacle.
 - C) Depress "OFF" on drill switch (SW3).
 - D) Set speed control at 5.
 - E) Apply 120 V AC to magnetic drill stand power cord.
2. Press "FWD" on drill switch (SW3).
Response: Buzzer sounds, but drill does not start to rotate.
3. Turn magnet "on" by pushing down on magnet switch (SW1).
Response: Magnet pilot lamp comes on, buzzer keeps buzzing and drill does not start to rotate.
4. Press "FWD" on drill switch (SW3) again.
Response: Buzzing stops and drill starts rotating in forward direction.
5. Press "OFF" on drill switch (SW3).
Response: Drill stops rotating.
6. Press "REV" on drill switch (SW3).
Response: Drill rotates in reverse direction.
7. Vary drill speed setting of speed control switch.
Response: Drill speed varies (return to a setting of 5).
8. Turn magnet "off" by pushing demag switch (SW2) to the left.
Response: Magnet stays on and drill keeps rotating (Safety Interlock System).
9. Press "OFF" on drill switch (SW3).
Response: Drill stops rotating and stand remains magnetized to steel plate (magnet pilot lamp remains on).
10. Turn magnet "OFF" by pushing demag switch (SW2) to the left, DO NOT hold switch in demag position.
Response: Magnet pilot lamp goes out and magnet turns off (residual magnetism may be present, continuing to hold base to steel plate).
11. Push demag switch (SW2) to the left (de-mag position) and hold for 5 seconds.
Response: After 1-2 seconds, magnet pilot lamp will come on indicating a de-mag condition (stand releases from steel plate).

Unit is operating correctly if the correct responses (in order) have been obtained.