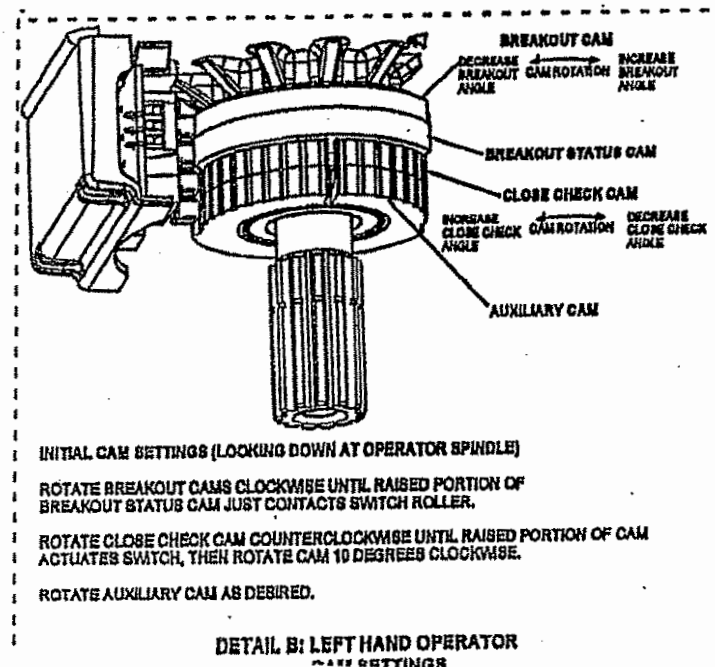
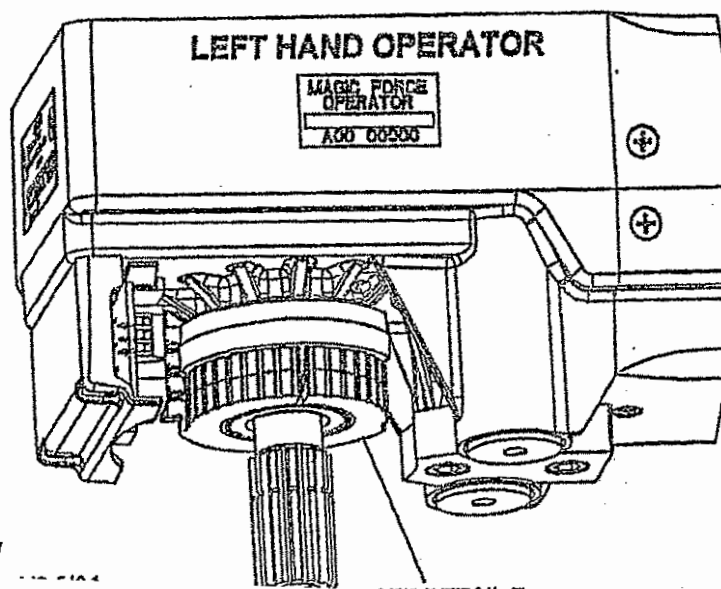
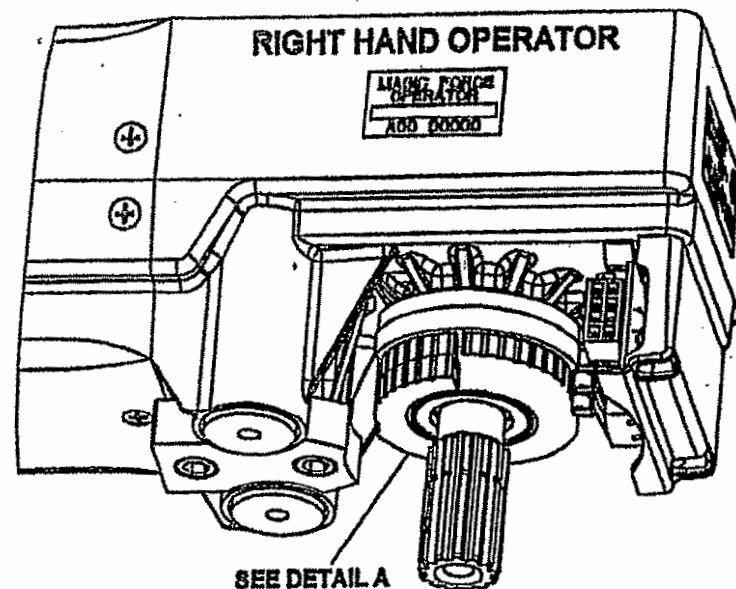
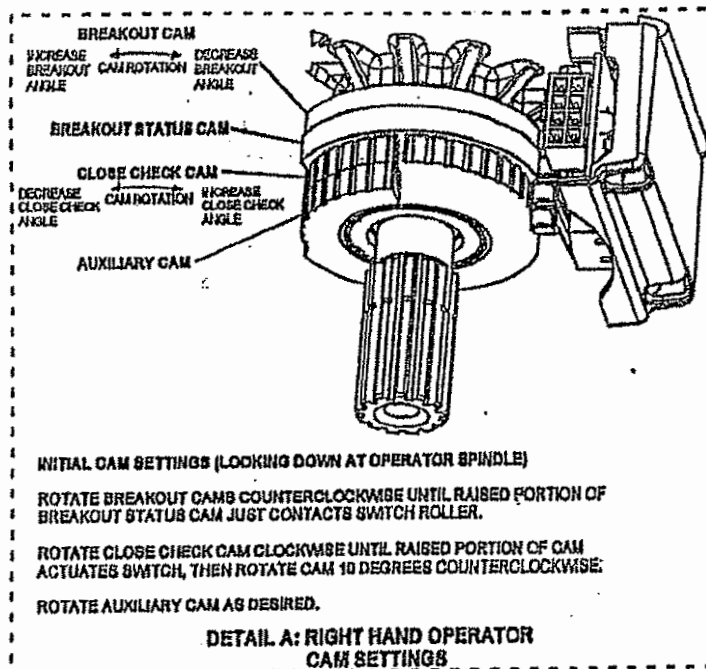


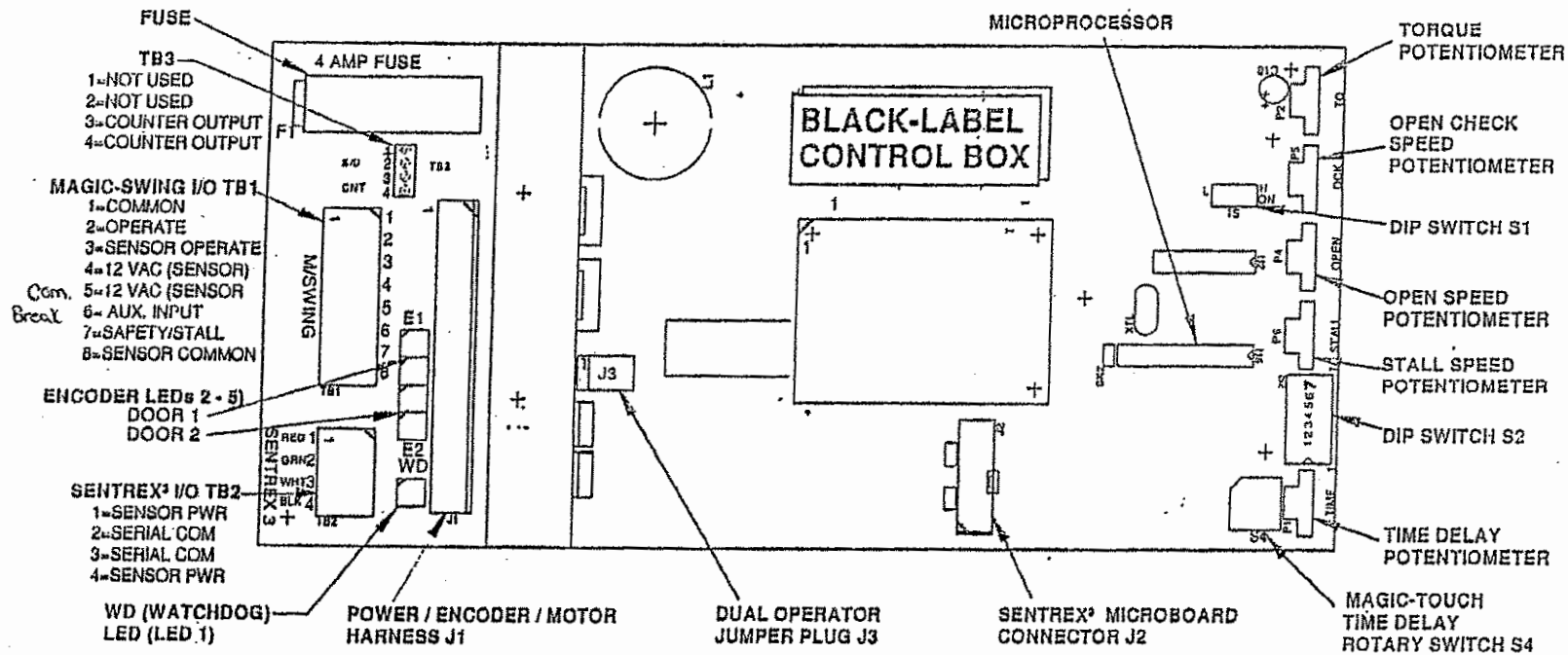
- 1- with sentrex off without on
- 2- Dual ON single off
- 3- with sentrex off without ON
- 4- Bifold ON Swinger OFF
- 5- Push-N-Go ON/OFF
- 6- Backcheck 10°-ON 15°-OFF
- 7- Sensitivity push-N-Go

Attachment 2 **Magic-Force Operator Cam Settings** (Sheet 1 of 1)



Attachment

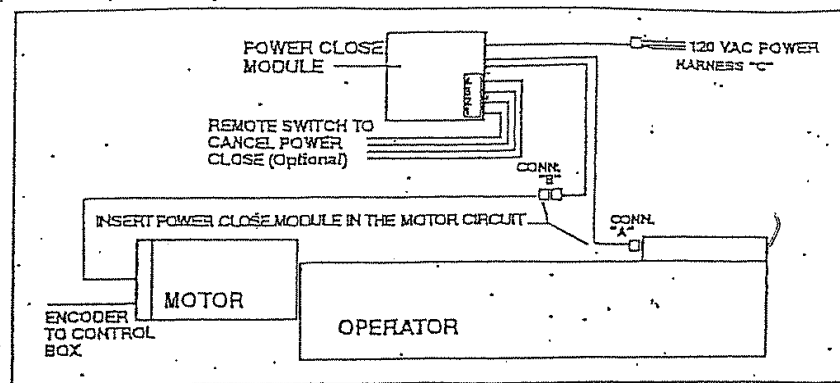
Magic-Swing™ HDLE/FE Microprocessor Control Box (Sheet 1 of 1)



mcb016

DIP Switch S2 (On=Down Position, OFF=Up Position)		Magic-Touch Time Delay Rotary Switch S4		DIP Switch S1	Torque Potentiometer
Position	Description	Position	Time Delay		
1	ON=Carpet, OFF=Timer	0	5 Sec.	ON=High-speed range. Must be set to "H" (high range) for all Magic-Swing and bifold applications.	Clockwise=Increase door opening force
2	ON=Dual, OFF=Single	1	6 Sec.		
3	With position 1 ON (Carpet Mode): ON=Cancel "12-second delay without safety signal" OFF=Enable "12-second delay without safety signal"	2	7 Sec.		Counterclockwise= Decrease door opening force
		3	8 Sec.		
4	With position 1 OFF (Timer Mode): ON=2S logic on, OFF=2S logic off	4	9 Sec.		
		5	10 Sec.		
5	ON=Bifold door, OFF= Swing door	6	12 Sec.		
6	ON=Magic-Touch™ on, OFF=Magic-Touch™ off	7	14 Sec.		
7	ON=High Magic-Touch™ sensitivity OFF=Low Magic-Touch™ sensitivity	8	16 Sec.		
		9	20 Sec.		

LOCATION OF POWER CLOSE MODULE



The power close module will work with any Magic-Swing operator (standard and light spring). The control inserts in the motor voltage. As soon as the door starts closing, the internal timer is started and after a preset time delay, the motor is switched to an adjustable low voltage supply (0 12 VDC) having the proper polarity to develop a motor torque in the direction of door closing. The red LED indicates power close is active. It is recommended to set the time so that the door is already in the closing check zone when the additional closing force is applied (the closing check slowdown action is not available in the power close mode).

OPTIONAL

A switch may be used to cancel the power close mode from a remote location. To have this function enable, 12 VAC is required from an external source (may be derived from the Magic-Swing control box terminals 4 & 5)

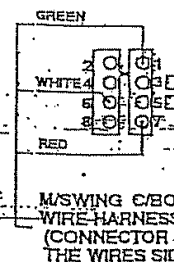
OPTIONAL

To have the power close cancelled in breakout, a signal must be provided from

a limit switch. To utilize an unused open check limit switch:

- * Insert two receptacle contacts from the two-wire harness provided to pos. 3 & 5 of the Magic-Swing control box harness 8-pin connector. Wire the other ends to screw terminals 3 & 4 on power close module.
- * Connect 12 VAC to screw terminals 1 & 2 (may be derived from the Magic-Swing control box).
- * Adjust the limit switch to activate at breakout.

This function possible only with the microprocessor type Magic-Swing control box which does not make use of "OCK" switch.



Disconnect motor cable from the operator

- * Insert the 3-pin connector "A" to the motor connector left free at the operator (switch box).
- * Connect together the 3-pos. cap "B" and the motor cable.
- * Connect the 120 VAC line using the harness "C".

Magic-Swing control box connections or are not changed in any way when the close box is installed.

T = Adjusts time delay between the start of door closing and the start of the power closing mode. Rotate CCW to increase time delay.

L = Adjusts the closing force applied to the door. Rotate CCW to increase level.

With slide switch in top position, power close may be cancelled by pushing the door manually in open direction.

Red LED lights when the power close mode is switched on.

Add Jumper J2 when installing to a standard force Magic-Swing operator.

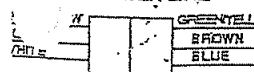
TE POWER CLOSE
EL SWITCH (optional)

12 VAC

HARNESS
ED BY TWO
TE-N-LOCK
E CONTACTS.

TOR

"C" — POWER LINE

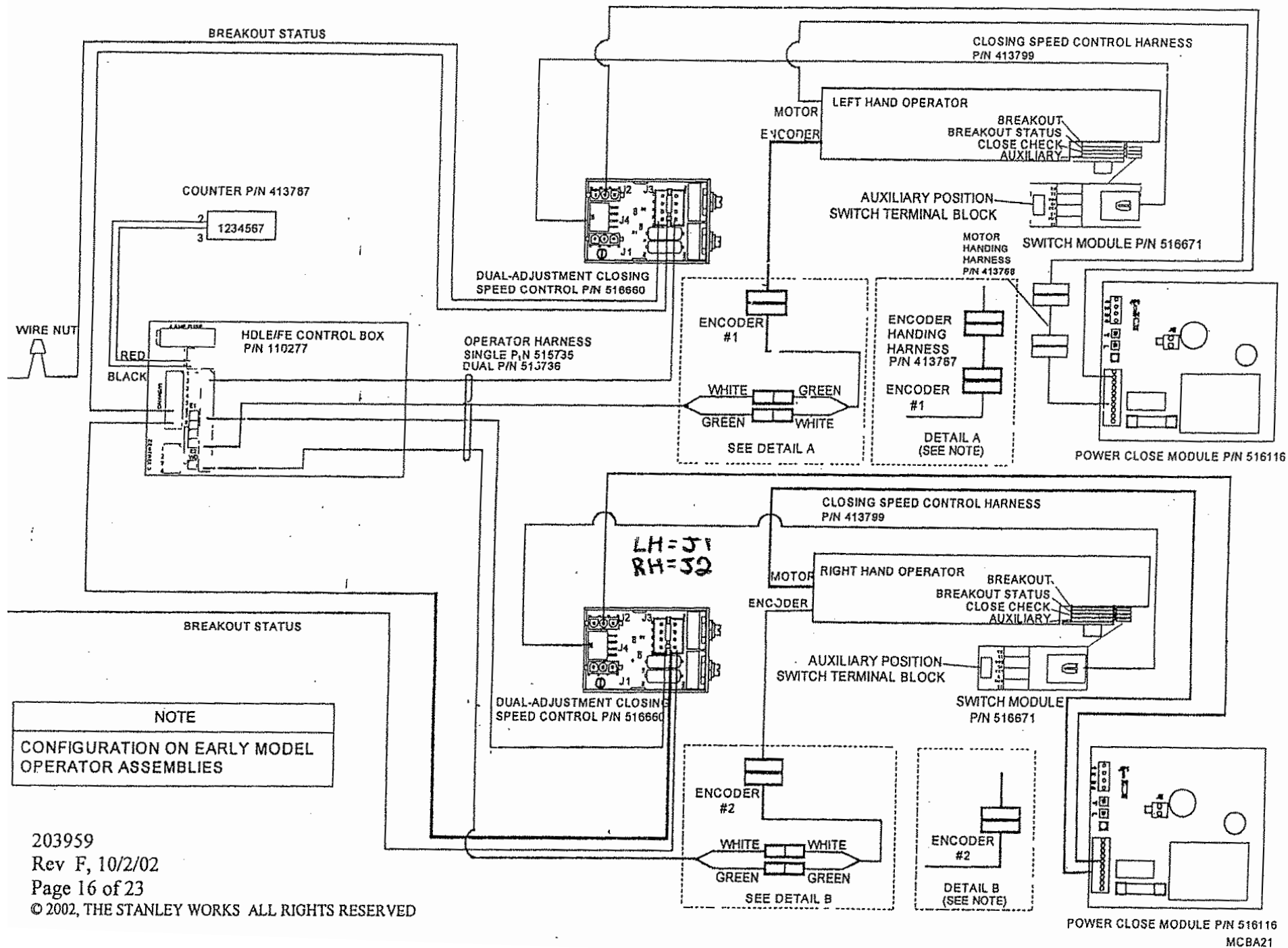


— 120 VAC PWR LINE CONNECT
BLACK = LINE
WHITE = NEUTRAL
GY = GROUND

POWER LINE FUSE: 1 AMP SLOW

POWER CLOSE MODULE
FOR MAGIC-SWING OPERATOR

Magic-Force Operator Wiring—Dual Operators with Dual-Adjustment Closing Speed Controls, Power-Close Modules, and Switch Modules (Sheet 1 of 1)



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Rev F, 10/2/02

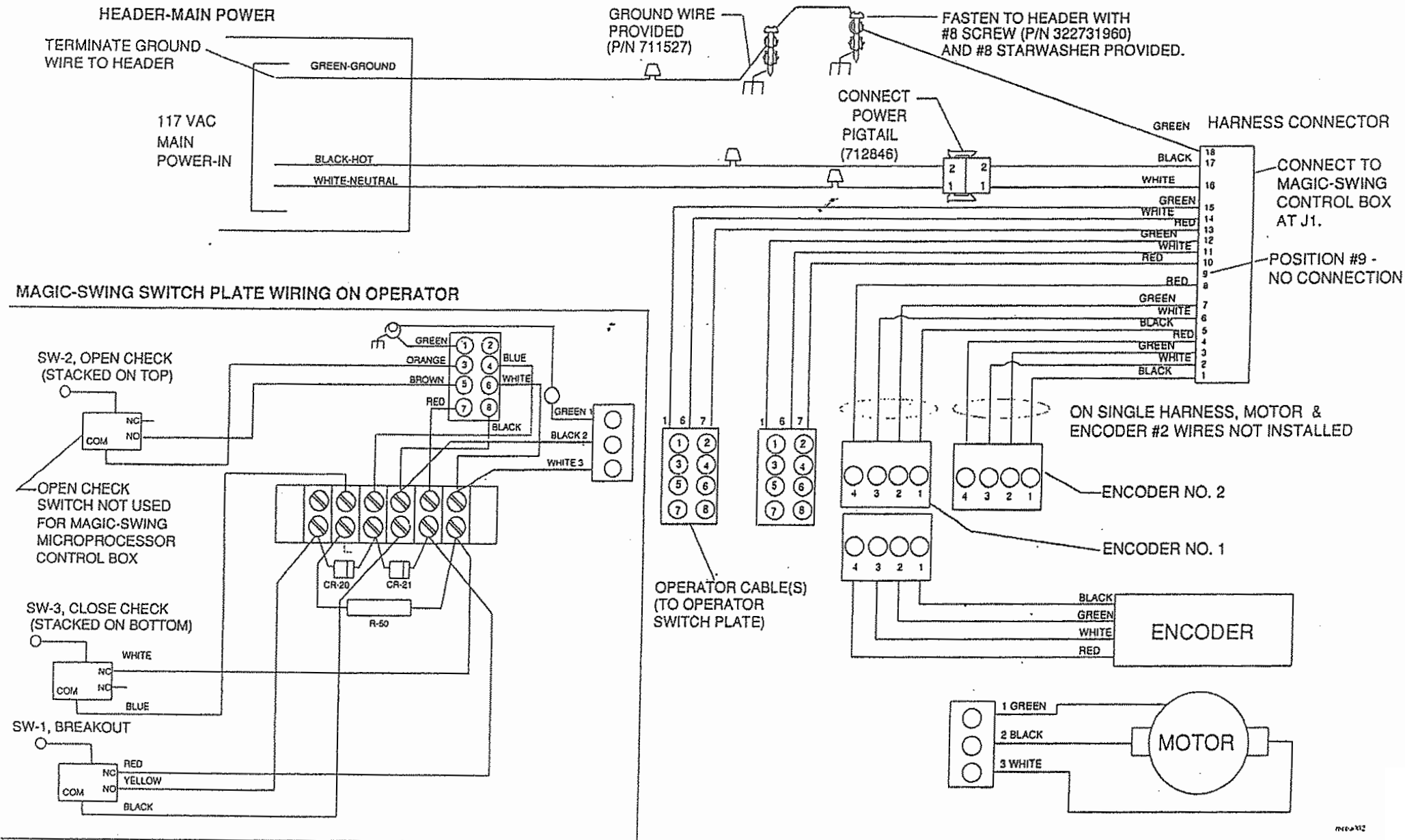
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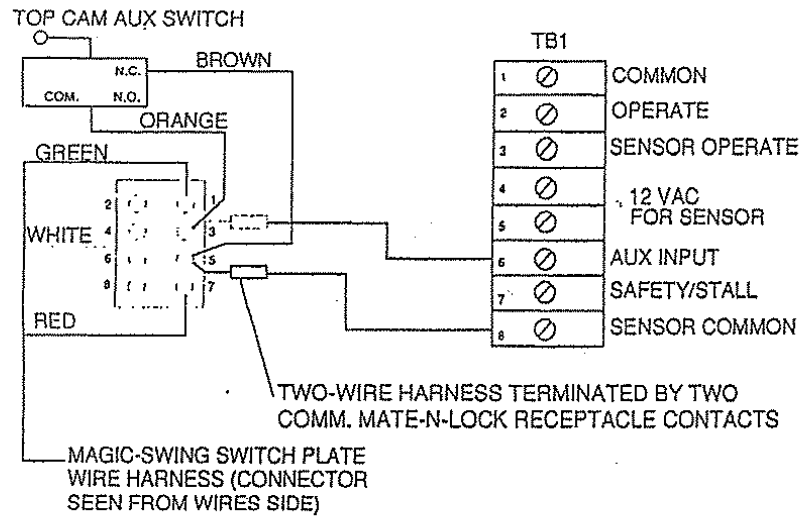
Attachment 1

Magic-Swing System Wiring—Main Power, Motor(s), and Encoder(s)

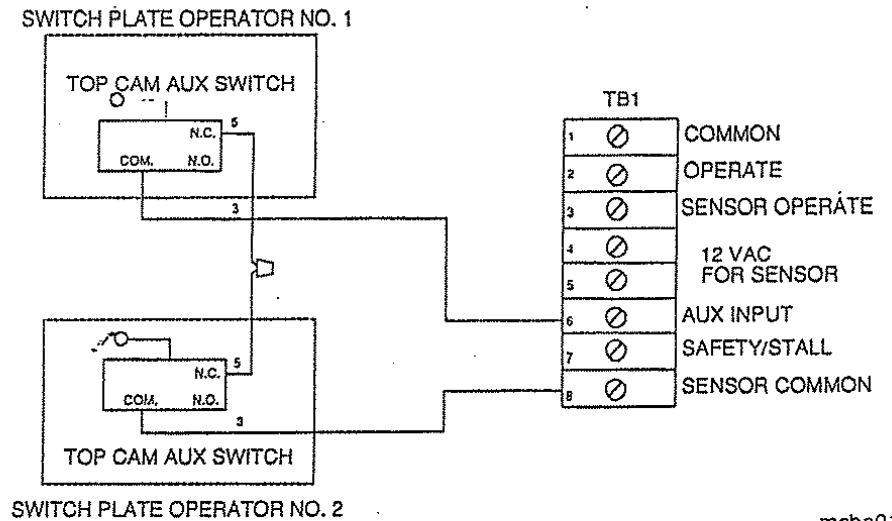
(Sheet 1 of 1)



Attachment Breakout Status Wiring (Sheet 1 of 1)



BREAKOUT STATUS WIRING--SINGLE DOOR



BREAKOUT STATUS WIRING--DUAL DOOR

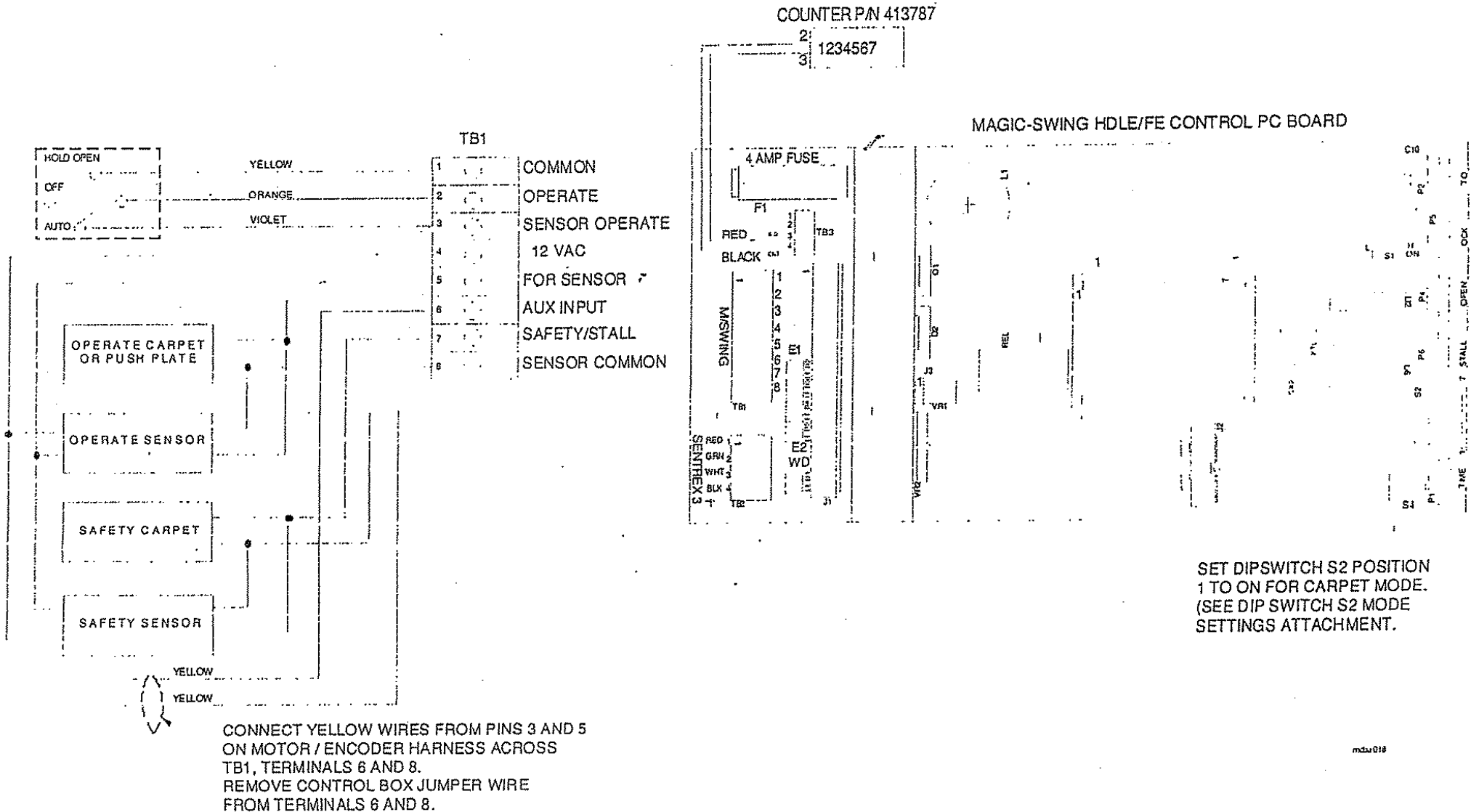
NOTE: REMOVE CONTROL BOX JUMPER WIRE FROM TERMINALS 6 AND 8.

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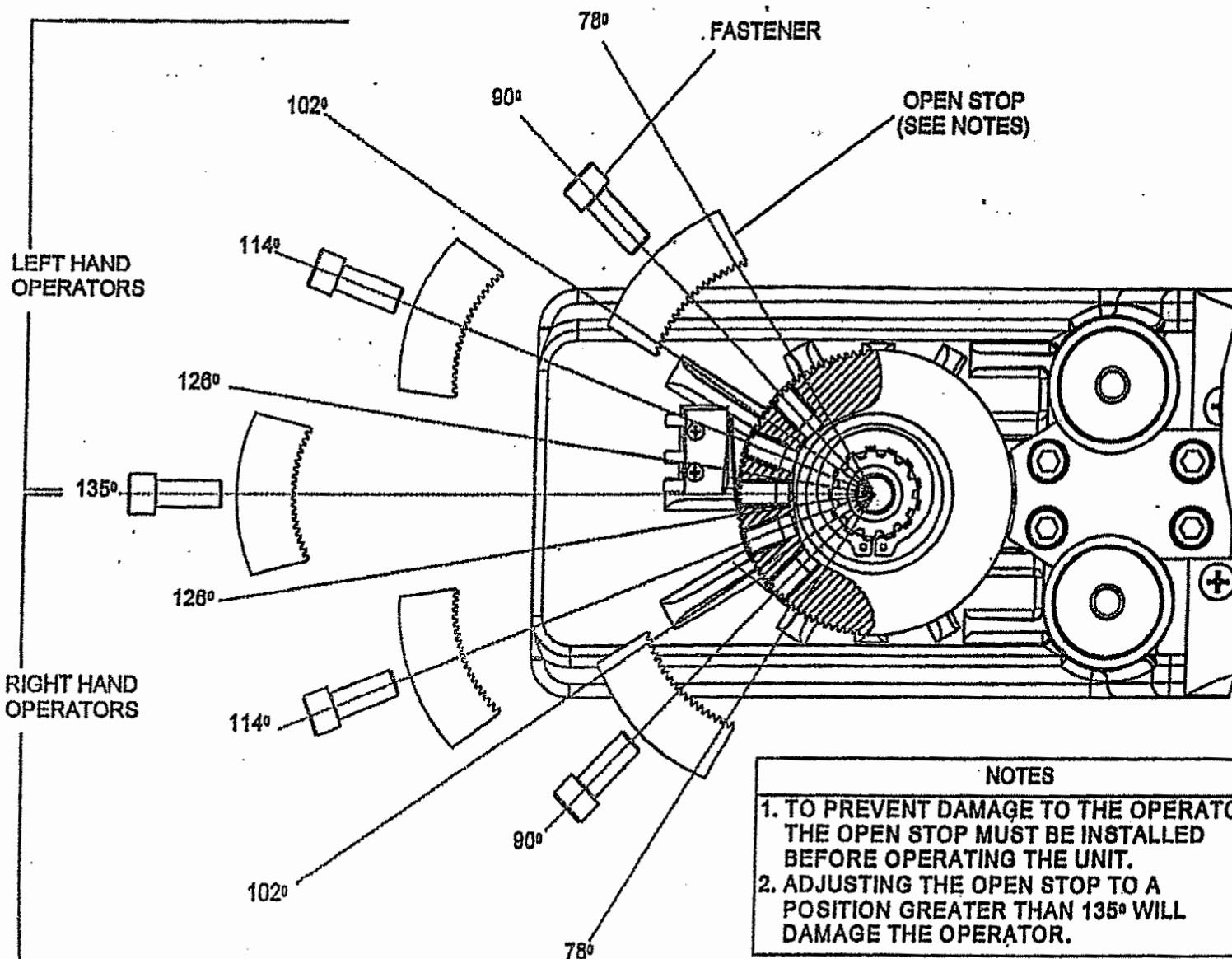
Attachment 3

Signal Wiring--Magic-Swing Control Box With Carpets, Pushplate, Operate Sensor, or Safety Sensor

(Sheet 1 of 1)



Attachment 3
Magic-Force Operator Open Stop Settings
(Sheet 1 of 1)



NOTES

1. TO PREVENT DAMAGE TO THE OPERATOR, THE OPEN STOP MUST BE INSTALLED BEFORE OPERATING THE UNIT.
2. ADJUSTING THE OPEN STOP TO A POSITION GREATER THAN 135° WILL DAMAGE THE OPERATOR.

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