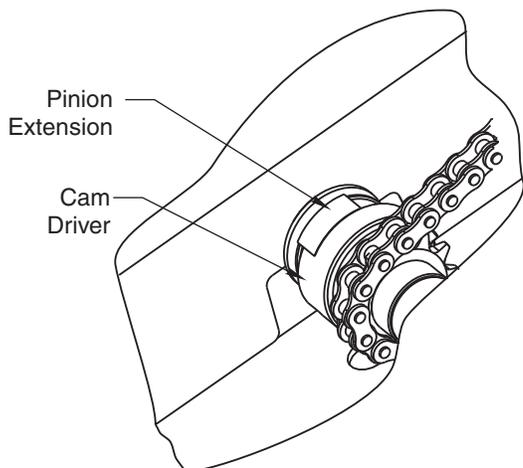
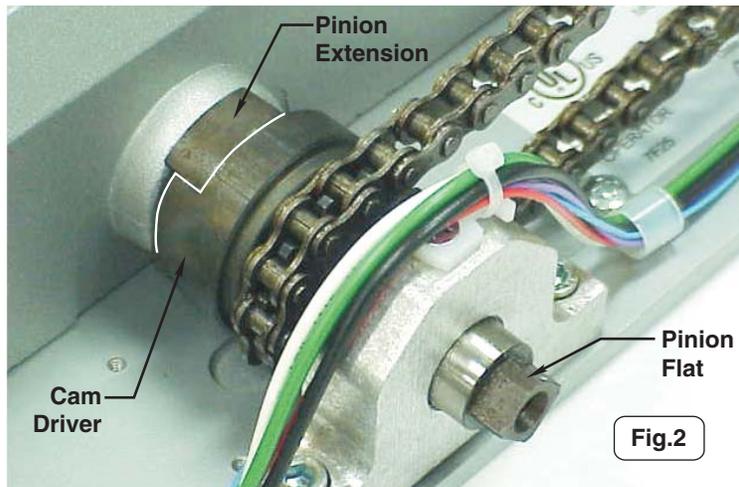
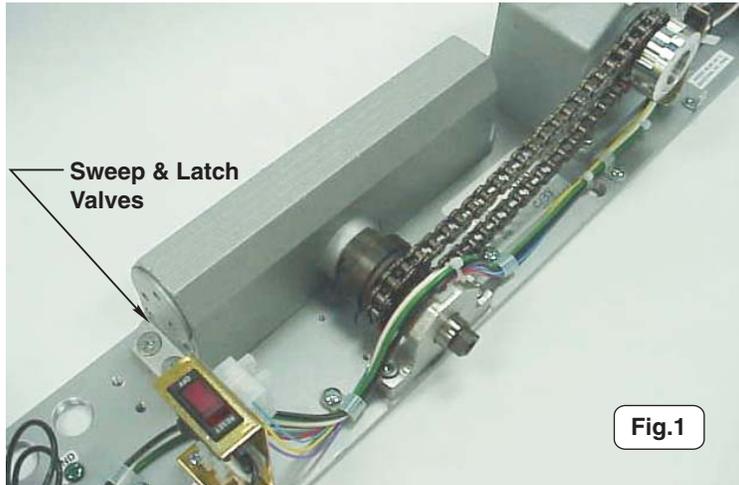
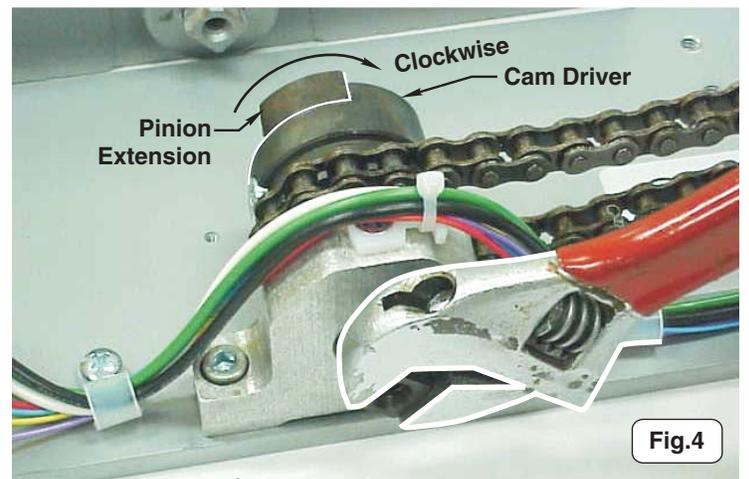
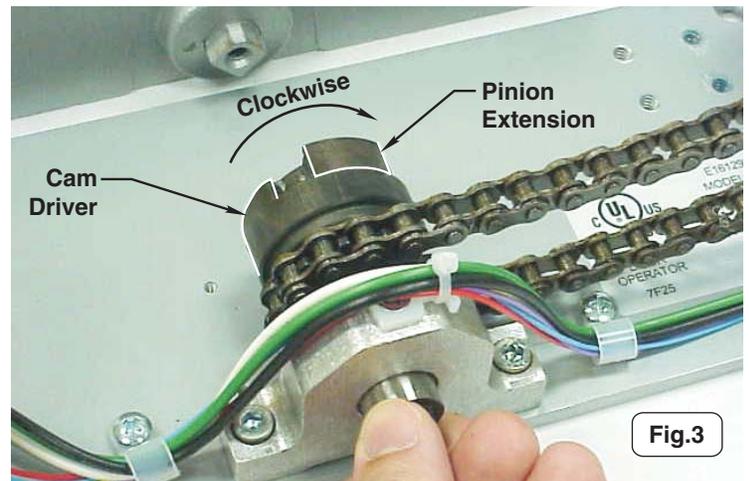


These instructions are used to change the application of an operator from a Push Side unit to a Pull side unit.

1. The unit shown in fig.1 is configured for a push side application. Note the valve orientation of the closer body. The photo in fig.2 shows a close-up view of the clutch mechanism configured for



2. Remove the four screws which secure the closer body to the backplate.
3. Slide the closer body away from the clutch assembly and chain. Make sure you do not remove pinion extension when removing closer body from clutch mechanism.
4. Rotate pinion extension clockwise as shown in fig.3 until it contacts backside of cam driver.
5. Using a wrench, continue to rotate pinion extension clockwise until pinion flat is back in its original orientation (fig.4). The chain will



Instructions continued on page 2.

6. The proper orientation of the clutch mechanism is shown in fig.5 and fig.7.
7. Orient the closer body as shown in fig.6, with "BC" valve toward conduit holes, and slide onto backplate so that closer pinion is inserted into pinion extension. Some rotational adjustment of the pinion extension may be required to allow assembly of closer

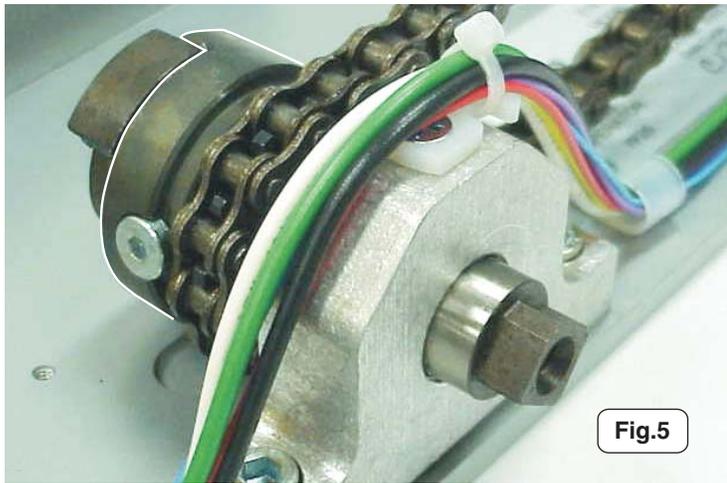


Fig.5

8. Replace and tighten closer body screws removed in step 2. See fig.8.
9. With door closed, slide Closed Position Magnet so it aligns with the Reed Switch. See fig. 9.
10. Slide Open Position Magnet so it is 180° from the Reed Switch. See fig. 10. Slide Open Position Magnet as needed to get proper door opening.

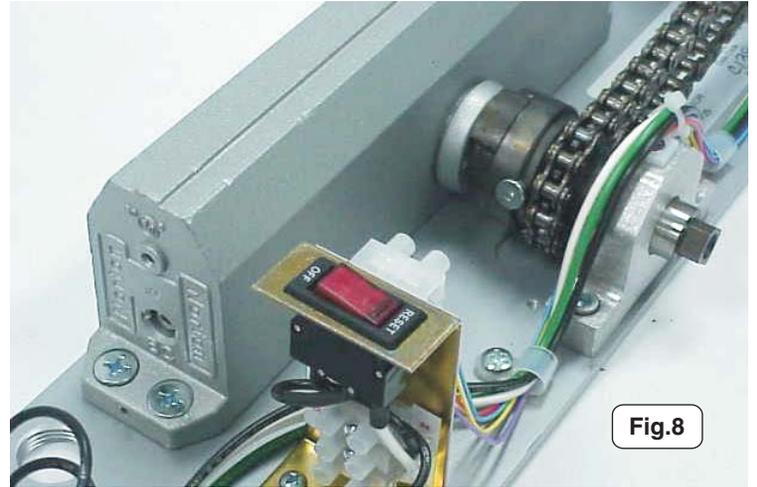


Fig.8



Fig.6

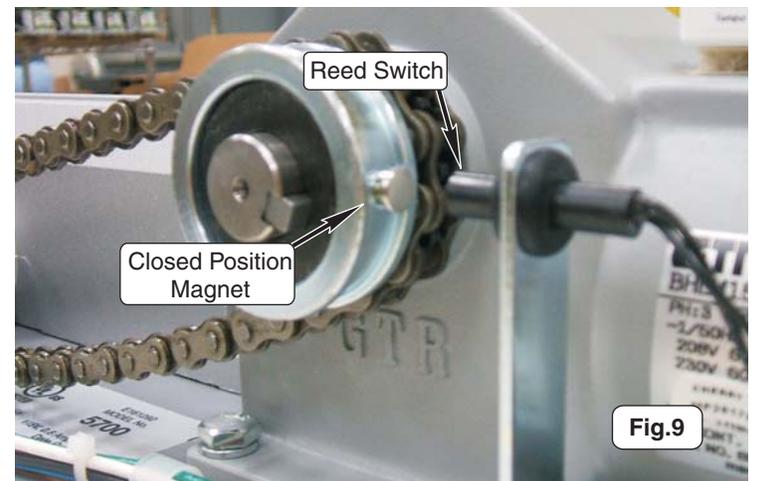


Fig.9

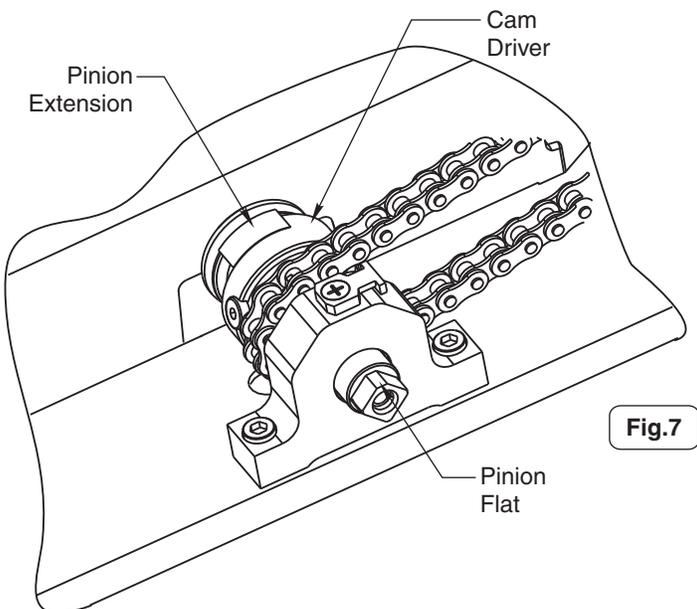


Fig.7

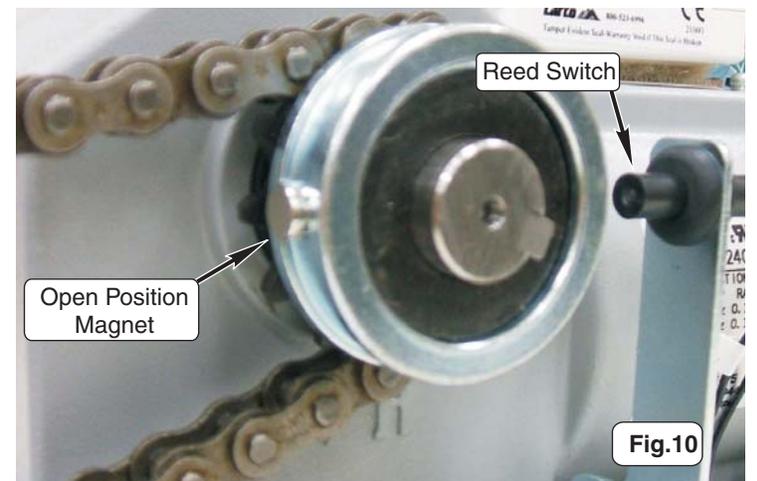
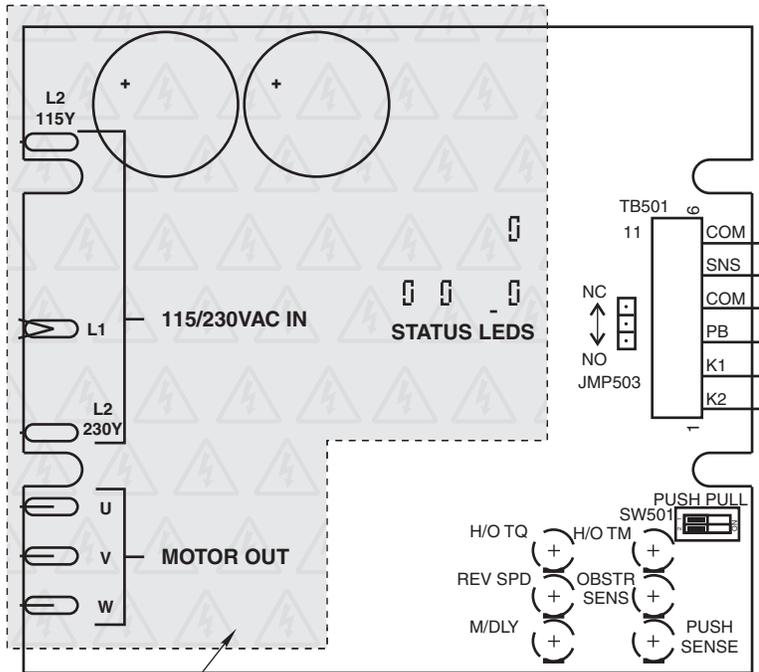


Fig.10

11. Flip dip switch 1 to the "ON" (Pull) position.

Inverter Details



POT	DESCRIPTION	FUNCTION
M/DLY	Motor Delay on Opening	CW - Increase CCW - Decrease
OBSTR SENS	Obstruction Detection on Open	CW - Increase CCW - Decrease
REV SPD	Motor Reversing Speed	CW - Increase CCW - Decrease
H/O TM	Hold Open Time (5 - 30 Seconds)	CW - Increase CCW - Decrease
H/O TQ	Motor Torque at Hold Open Position	CW - Increase CCW - Decrease
PUSH SENSE	Push Recognition Sensitivity	CW - Increase CCW - Decrease

Dip Switch Settings



- Door Mounting - ON - pull
OFF - push
- Push Recognition - ON - active
OFF - inactive



WARNING
Electric
Shock Risk

(Adjustments made in the shaded area should be performed by Authorized Factory Personnel.)

WARNING

120 HIGH VOLT POTENTIAL PRESENT. MAKE SURE POWER IS TURNED OFF DURING INSTALLATION PROCEDURE.

Inverter Adjustments:

- Based on function adjustment desired, use table above to determine which POT is to be adjusted.



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