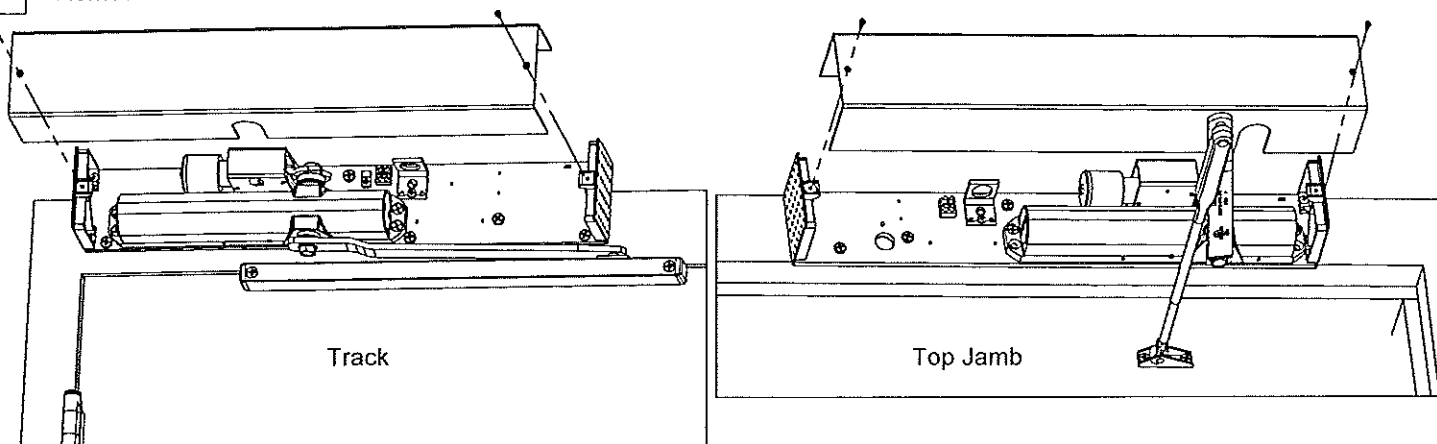


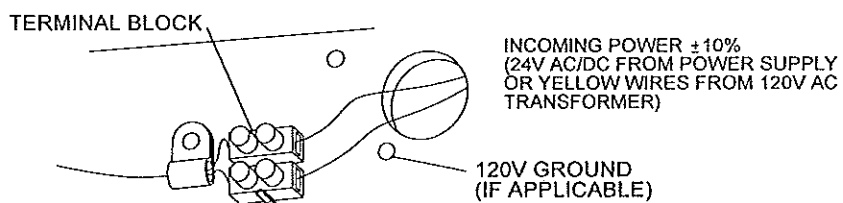
1800 SOLENOID REPLACEMENT



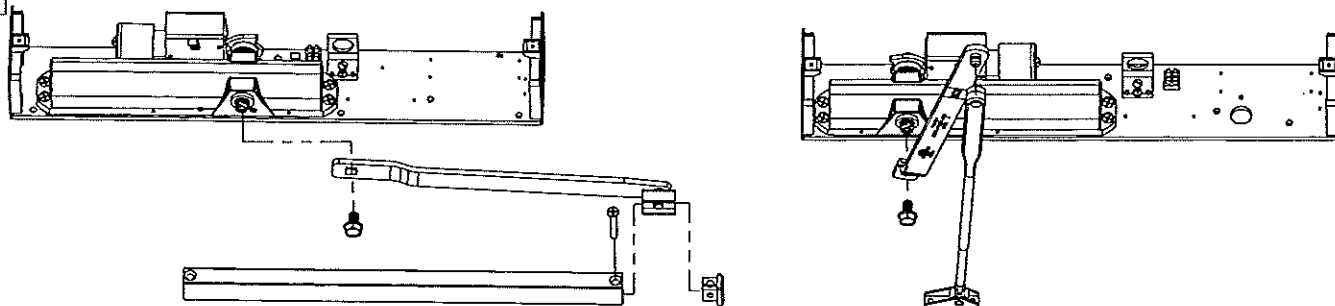
1 Remove Cover



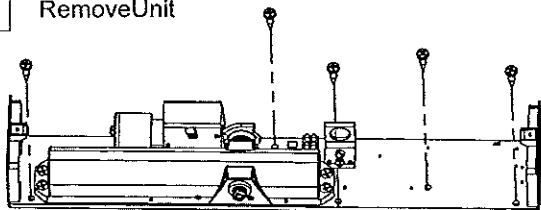
2 Disconnect wires from terminal block.
NOTE: THIS CONNECTION IS NOT POLARITY DEPENDENT.



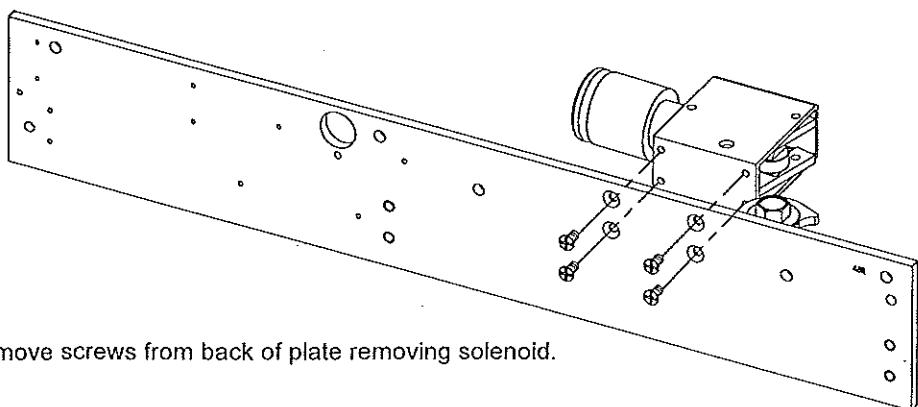
3 Remove arm from closer.



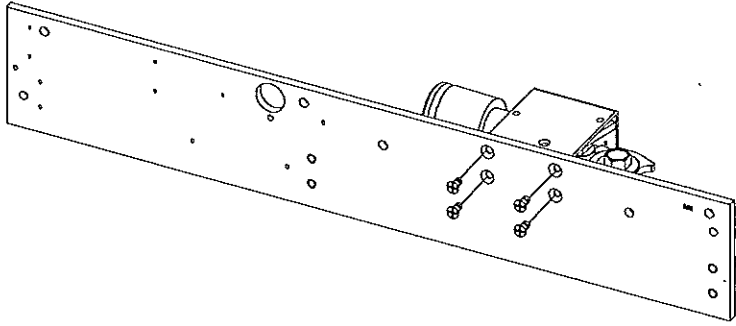
4 Remove Unit



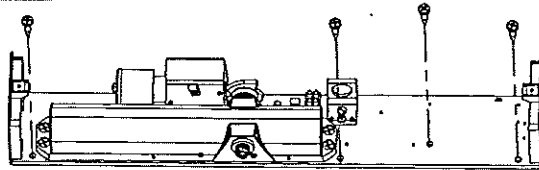
5 Remove screws from back of plate removing solenoid.



6 Align solenoid and attach with four (4) screws.



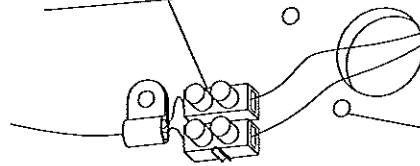
7 Reattach unit to frame.



8 Connect wires to terminal block.

TERMINAL BLOCK

NOTE: THIS CONNECTION IS NOT POLARITY DEPENDENT.



INCOMING POWER $\pm 10\%$
(24V AC/DC FROM POWER SUPPLY
OR YELLOW WIRES FROM 120V AC
TRANSFORMER)

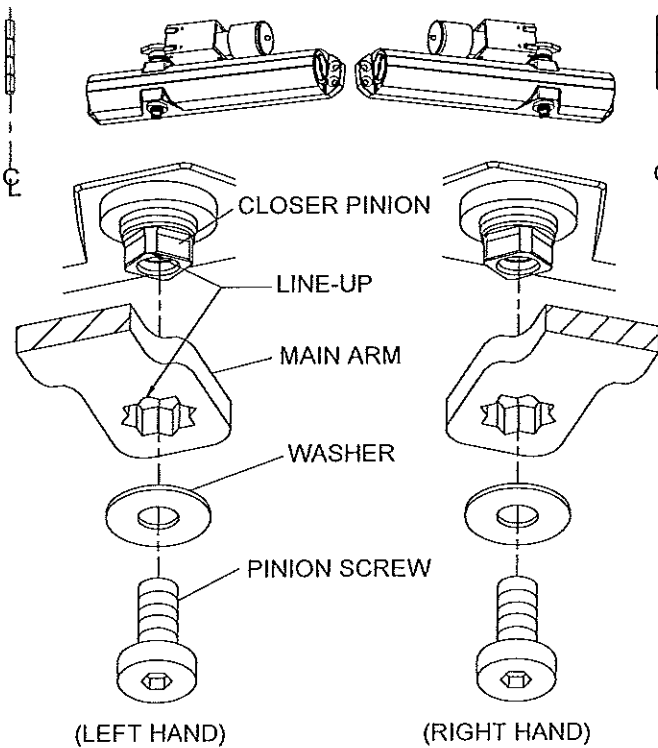
120V GROUND
(IF APPLICABLE)

9 Reattach arm to closer.

Predetermine unit mounting and arm type. Then follow matching arm attachment instruction.

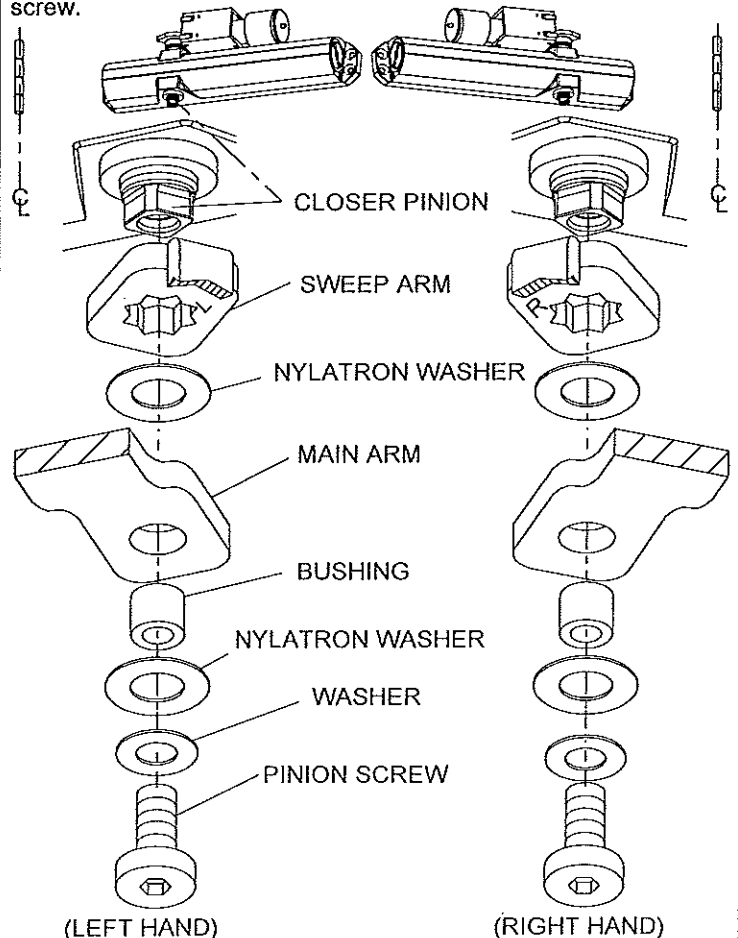
1816HJ UNITS

Secure arm with washer and pinion screw.

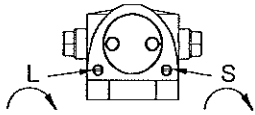


1816FSJ UNITS

Place sweep arm on pinion so "R" aligns for a right hand door and "L" aligns for a left hand door as shown in illustration below. Install remaining components as illustrated. Fasten securely with pinion screw.

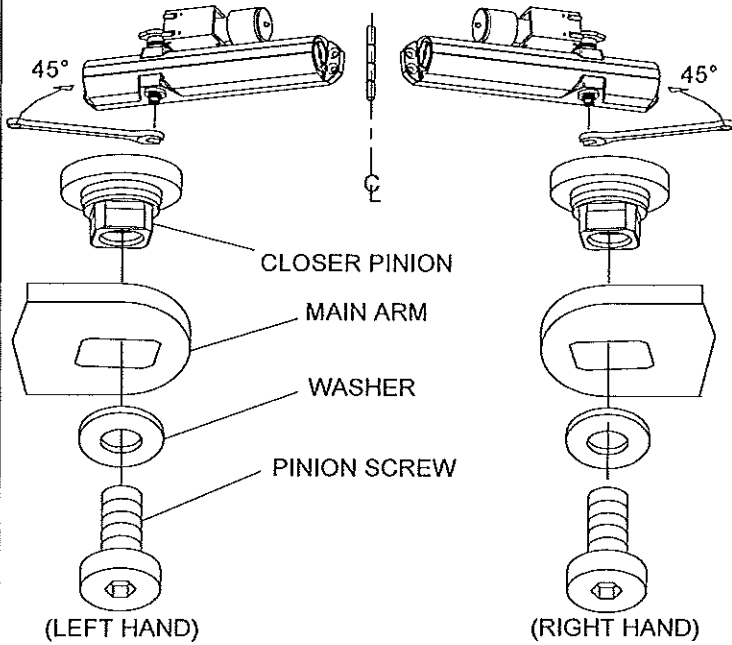


1. Close sweep and latch valves clockwise until snug.



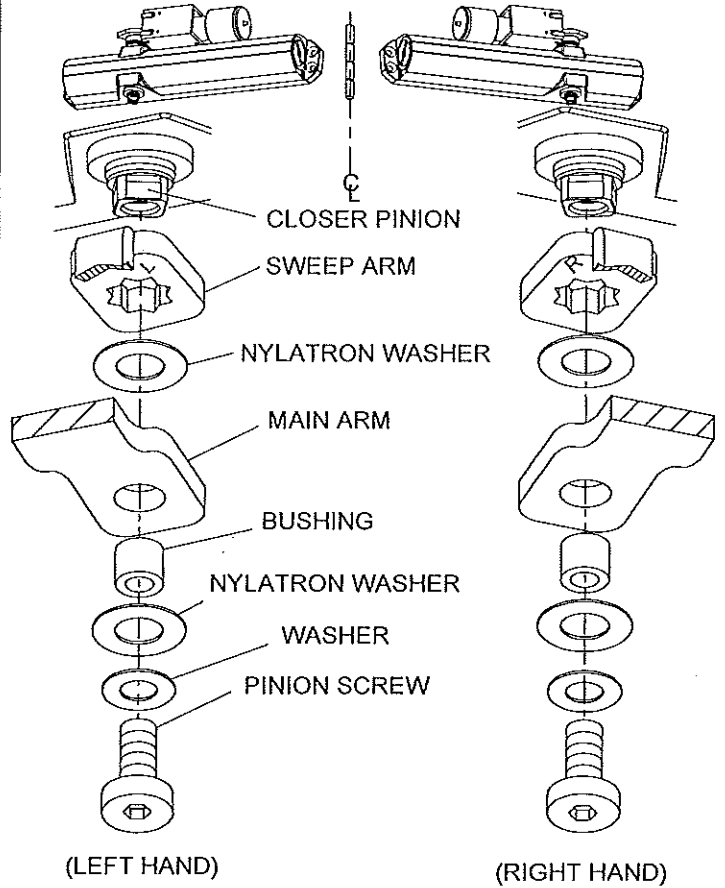
2. With door closed, place wrench on pinion square and rotate it until it aligns with the square hole in the arm (approximately 45°). Secure arm with pinion screw.

1856HT SD2 UNITS



1856FST SD2 UNITS

Rotate pinion square approximately 45°. Place sweep arm on pinion so "R" aligns for a right hand door and "L" aligns for a left hand door as shown in illustration below. Install remaining components as illustrated. Fasten securely with pinion screw.

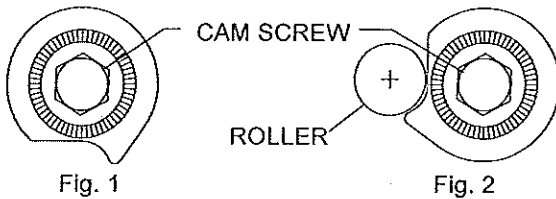


10

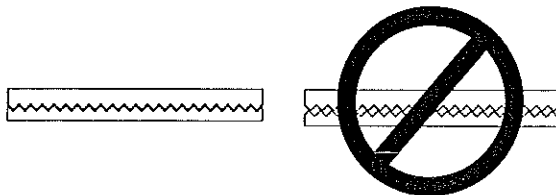
HOLD OPEN UNITS ONLY
SET HOLD OPEN POSITION

The units are factory preset to hold open at approximately 90°.

1. Open the door to factory preset hold open position and hold door in this position.
2. Loosen cam screw so that the cam moves freely. Move door to the required hold open position. (Fig.1)
3. Turn cam so that the cam lobe is resting against the roller in the plunger. Tighten cam screw securely. (Fig.2)



CATUTION: Be sure CamTeeth meshed with mating part.



11 Replace cover, turn electric back on and test unit.

