



Series 96000 Electric Lock

Installation Instructions

DOR - O - MATIC®

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GENERAL

The Series 96000 Electric Lock Systems are designed for use with the Series 96000 Sliding Door System. *A 4-Position Switch and a morning entry switch should be used for the system to operate properly.* If a 4-Position Switch is not used, the default is 1-WAY.

Switch	96500-900 Fail Safe Electric Lock	96550-900 Fail Secure Electric Lock
OFF	Door is locked. Interior and exterior activation will not open the door. The morning entry switch will unlock and open the door.	Door is locked. Interior and exterior activation will not open the door. The morning entry switch will unlock and open the door.
1-WAY	Door is locked. Only interior activation will unlock and open the door.	Door is locked. Only interior activation will unlock and open the door.
2-WAY	Door is unlocked. Interior and exterior activation will open the door.	Door is unlocked. Interior and exterior activation will open the door.
HOLD OPEN	Door is unlocked and will remain open.	Door is unlocked and will remain open.
No power	Door is unlocked.	Door is locked.

WIRING DIAGRAM

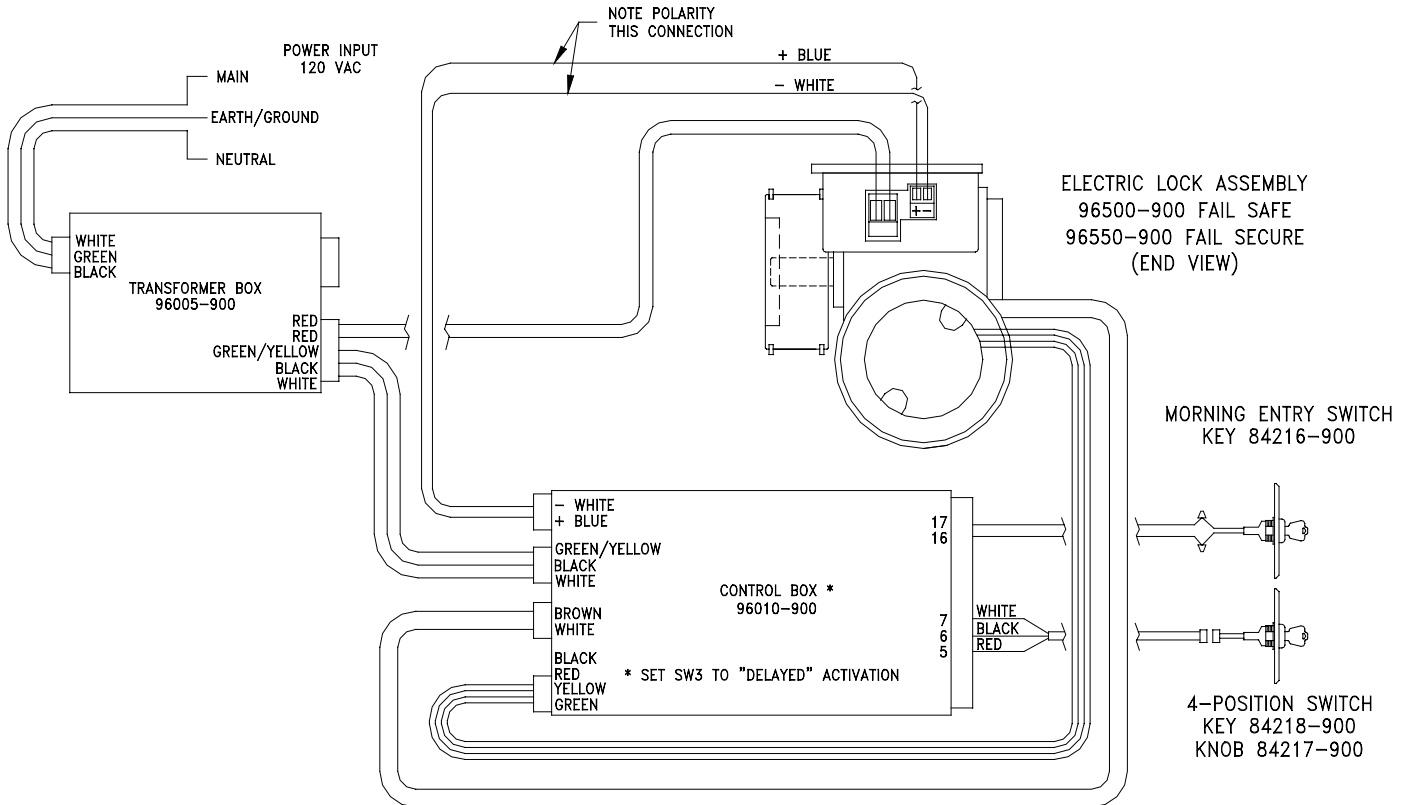


FIGURE 1

MOTOR/GEARBOX INSTALLATION

1. Verify that power to the system is turned off using the main power switch on the header/cover.
2. For easier access to the motor/gearbox, slide the door to the fully closed position.
3. Disconnect the motor plug (brown, white) and the encoder plug (black, red, yellow, green) from the control box.
4. Disconnect the lock power plug (red) and the lock signal plug (blue, white) from the motor/gearbox assembly.
5. Loosen the belt tension by adjusting the idler pulley. Loosen the locking nut first, then turn the bolt until the belt can be easily removed from the pulley.

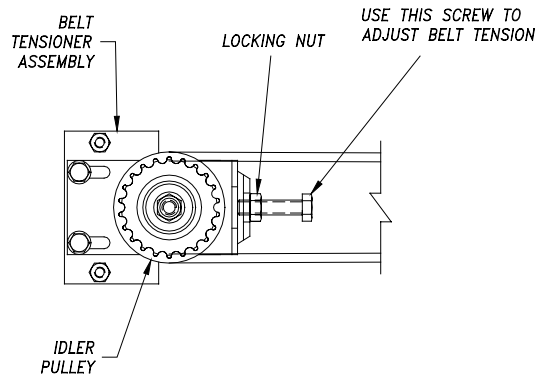


FIGURE 2

6. Using a 10mm socket or open-end wrench, loosen and remove the four (4) M6 nuts that secure the motor/gearbox to the header.
7. Remove the motor/gearbox and replace with the new motor/gearbox.
8. Reverse the procedure to install the new motor/gearbox.

Note: The tension of the belt is critical. Too much tension will result in premature wear of the motor/gearbox.

CARRIER ADJUSTMENT

On header lengths under 9 ½ feet, it may be necessary to relocate the carrier assemblies to accommodate the electric lock assembly. Manually slide the door to the fully open position. Check to see that the carrier assembly does not contact the electric lock assembly. If there is interference, relocate the carrier assembly the necessary distance beyond the centerline of the header to prevent interference.

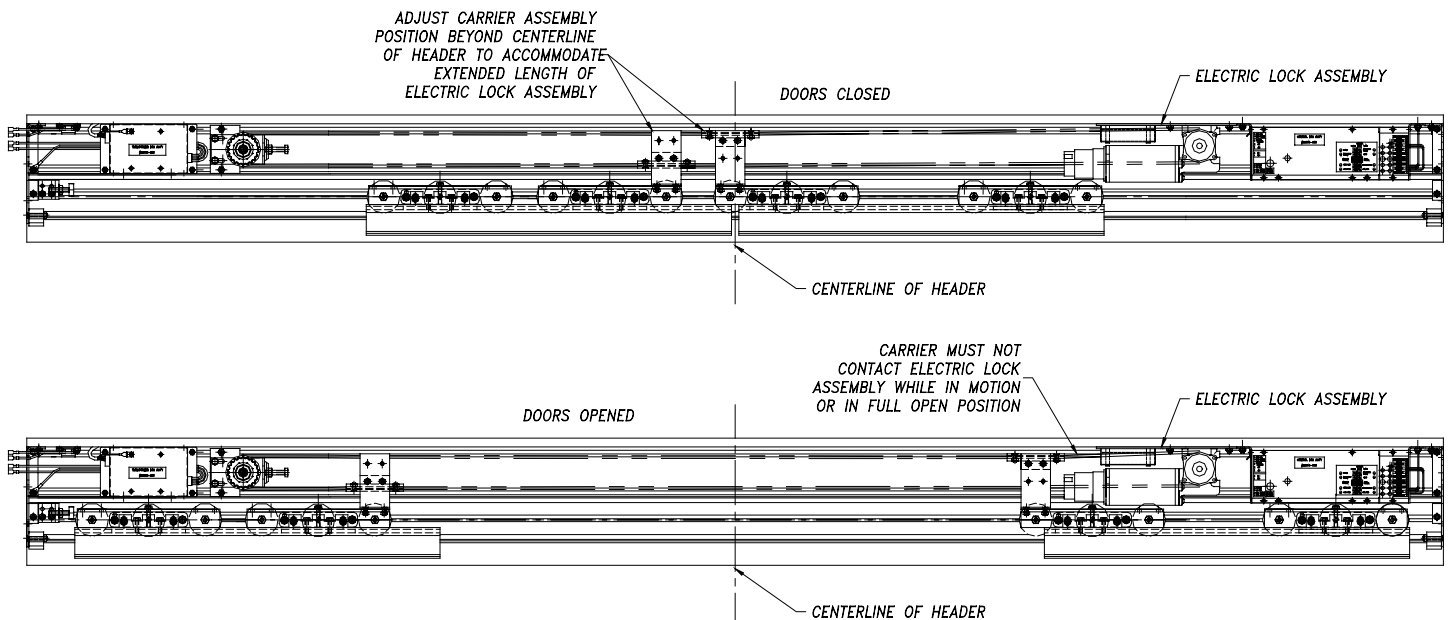


FIGURE 3