

Series 3 Technician's Installation and Service Training Manual

Basic Troubleshooting Commercial Operator (Motor Head)

Inspect the operator to verify proper installation.

Locate the torque arm and verify that it is installed in a horizontal manner and that all fasteners are properly tightened. (Figure A)

Verify the key stock is in place and that the set screws are properly tightened with the lock nuts tightened securely.

Inspect the operator alignment and verify that the pulleys are in proper alignment. If not refer to operator motor installations pages.

Inspect the back of the drive pulley to verify that the pulley retaining cir-clip is in place or the screw or set screw is tight.

Inspect the V Belt for signs of excessive wear. Replace as necessary.

Inspect bearings on the pulley for excessive wear. Replace as necessary.

Inspect the mounting of the Bowden cable to ensure that it has been mounted correctly. It should have a loose looking appearance and show a bowing of the cable. Refer to Bowden cable mounting page for reference.

Inspect the Bowden cable and all its components and connections to verify they in proper operating order.

Inspect both the male and female motor plugs, terminals, and wiring six inches in either direction of the plug for damage.

Verify the motor cable is properly plugged into the motor.

Inspect the motor cable as it travels back to the controller to verify there is no damage to or staples through the motor cable.

Release the over-ride lever from its locked position.

Raise and lower the door manually to verify that the door functions properly with no restrictions and is well balanced. Inspect all components of the door to ensure proper service levels are achieved. Service the door as necessary to achieve.

Reconnect the over-ride lever to the tensioning system.

Check for proper belt tensioning. Refer the Setting Belt Tension page.

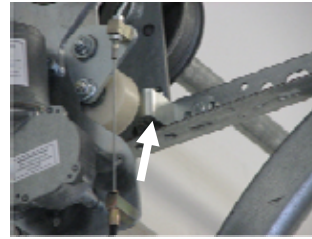


Figure A

ZAP Series 3

Simply Logical

ZAP Controls
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