

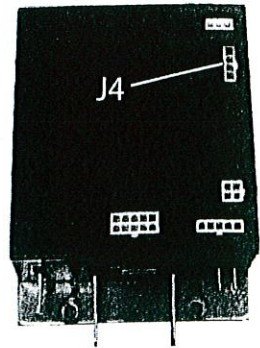
➔
**ONCE THE CONTROLLER IS INSTALLED,
IF THE CART DOES NOT RUN, FOLLOW THESE STEPS**
➔

ITS ACCELERATOR:

1. Drive wheels of cart must be off the ground and cart securely stabilized.
2. Set your VOM to DC VOLTAGE (V).
3. On the SX CONTROL measure PIN 2 to BATT NEG (-). On the MX CONTROL measure J4-4. This should measure BETWEEN 12 and 16 volts.
4. On the SX CONTROL measure PIN 1 to BATT NEG (-). On the MX CONTROL measure J4-3. Push the accelerator pedal down. The voltage should increase from 0.5 to 1.5 volts.

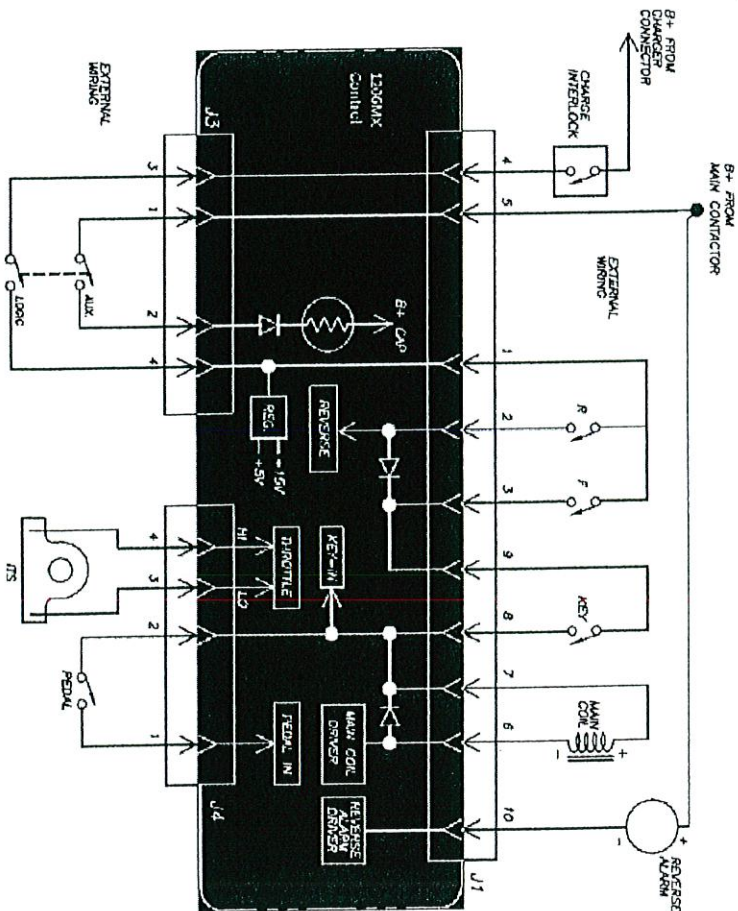
MOTOR CONTROL:

1. Disconnect the control and set your VOM to RESISTANCE (Ω).
2. Measure A1 to B- and B+. Value should be 30K Ω (plus or minus 5K Ω).
3. Measure F1 to B+ and B-. F2 to B+ and B-. Value should be 300K Ω (plus or minus 50K Ω).



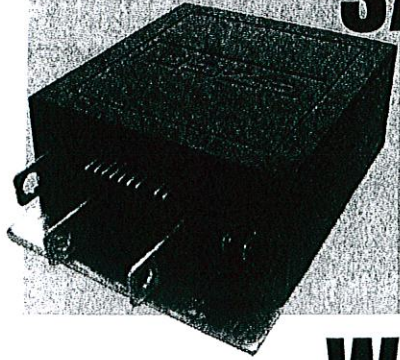
WARNING: This control was designed for a stock motor. If used on anything but a stock motor, premature failure of the control may occur. Unit *may not be warranted if used with an upgraded motor.*

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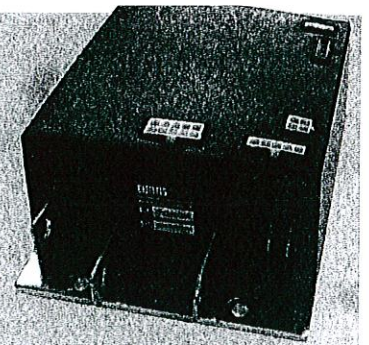


PRE-INSTALLATION
 INSTRUCTIONS MUST BE
 FOLLOWED OR WARRANTY
 WILL BE VOID

Curtis 1206 SX and MX



This sheet is provided to aid in the installation of your remanufactured CURTIS controller. Upon installation, you may encounter problems that may, or may not, be due to a faulty controller. The following steps must be taken to help diagnose a possible cart fault or faulty controller. An analog or digital volt ohm meter (VOM) will be needed to perform these checks.



WARRANTY WILL BE VOID

If These Steps Are Not Performed Before Installing The Control

➔ STEPS TO PERFORM *BEFORE* CONTROL INSTALLATION ➔

CHECK MOTOR WINDINGS:

1. Set your VOM to RESISTANCE (Ω).
2. With your motor disconnected, measure F1 to F2. This should measure BETWEEN 1Ω and 2Ω .
3. With your motor disconnected, measure A1 to A2. This should measure less than 1Ω .

CHECK MAIN SOLENOID:

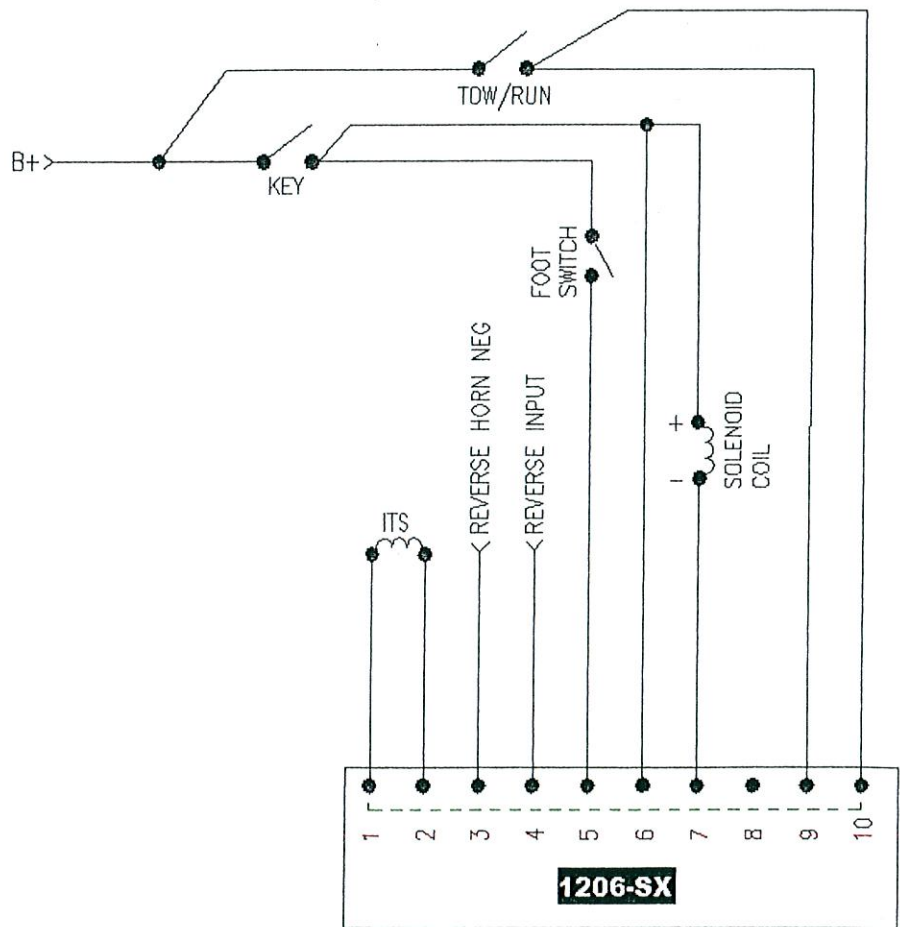
1. Disconnect the main solenoid.
2. Set your VOM to RESISTANCE (Ω).
3. Measure the solenoid coil. This should measure BETWEEN 100Ω and 150Ω .
4. Connect VOM leads to the main solenoid lugs.
5. Supply 36V to the coil.
6. Meter should jump from infinity to LESS THAN $.3\Omega$.

CHECK COTHERM:

1. Inspect the cotherm (insulating material) mounted to the heat sink for holes, debris, and tears.
2. Repair or replace if necessary.

CHECK THE CART WIRE HARNESS:

1. Check the connectors on the wire harness for corrosion, loose, broken, burnt or missing pins.
2. Repair or replace pins as necessary.



IF ANY OF THE ABOVE ITEMS ARE NOT WITHIN THE SPECIFIED RANGES THE CONTROLLER WILL FAIL. THESE ITEMS MUST BE CORRECTED BEFORE THE CONTROLLER IS INSTALLED OR WARRANTY WILL BE VOID.