

Trendsetter Autoloader

Upgrade of New SSR Unit onto Old SCU

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Revision History

Revision	Date	Author	Comments
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1. PARTS

Parts being removed	Parts being added
10-4351B	**10-4351C** *Part of assembly 11-0930A.*
NEW	**10-4876A** *Part of assembly 11-0930A.*
10-4354A	**10-4354B** Attaches to cable 10-4876A.
NEW	**10-4890A** Attaches to cable 10-4876A.
NEW	**10-4648B** Attaches to cable 10-4876A
NEW	**10-4751B** Attaches to cable 10-4351C.
NEW	**10-4888A** Attaches to cable 10-4351C.
10-4754A	**10-4754B**
NEW	**10-4889A** Attaches to cable 10-4754B.
NEW	**10-4917A** Umbilical cable, attaches from SCU adapter bulkhead to SSR.

2.

3. TOOLS

- Set of Metric Allen Keys
- Electric drill
- 5mm drill bit with M6 tap
- Slotted screwdriver

4. UPGRADE PROCEDURE

1. Turn off the Autoloader Machine.
2. Remove the side panel off of the SCU. Place assemble 0010 into the cable tray.
3. Remove the cover from the SCU power box.
4. Run the pneumatic air line for the SSR under the skins, to the SSR adapter connector. Attach the pneumatic hose to the back of the blue connector on item 0010. See Figure 1.

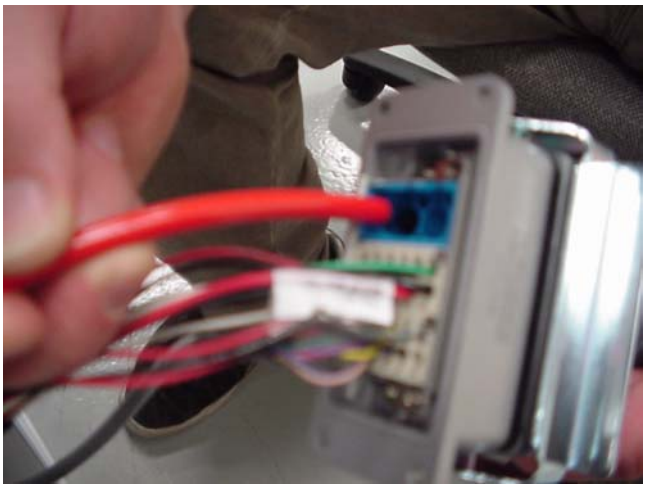


Figure 1

5. Attach cables 10-4648B(item 0050), 10-4354B(item0040), and 10-4890B(item 0030) to cable 10-4876A on item 0010. Run these cables thru the cable tray openings to the power box. Attach cable 10-4648B to the power supply for the SSR, located in the power box.
6. Remove cables 10-4351B, 10-4354A, and 10-4754A located in the SCU power box. Replace them with cables 10-4351C(part of item 0010), 10-4890B, 10-4354Band 10-4754A(item 0140).

7. Attach relays (item 0060) to the relay plate(item 0110), using the screws, nuts, and washers provided(items 0070-0100).

8. Attach the relay assembly to the bottom of the power box, using double-sided tape.

9. Attach new cables 10-4888A(item 0120), and 10-4889A(0130) to the power box. Attach cable 10-4888A and 10-4889A to the new relays. Connect the brown wires of cable 10-4888A to pin 6 and the black wires to pin 1 of each relay. Attach the red and black wires of cable 10-4889A to pins 5 of each relay.

10. Cable 10-4889A also comes with 3 jumpers. Attach the two short jumpers across pins 2 and 4 of each relay. And attach the long jumper from pin 3 of one relay to pin 3 of the other. See figure.



Figure 2.

11. Attach cable 10-4751B(item 0020) to cable 10-4351C. Connect the other end of cable 10-4751B to the relay by the Genine in the SCU power box.

12. Place the cover back on to the power box. Then place back the cover on the SCU.

13. Attach one end of cable 10-4917A(item 0150) the adapter connector, and the other end to the SSR.

14. Make a mouse hole shaped cutout into the side of the skin. This hole is to enable the cable 10-4917A to protrude out of the side of the SCU.

15. The electrical upgrade is complete.