

Date	30 May 2012	Service Note #	MISC - 1038	Revision	A
Product	7100 & 2500	Description	Backlight Installation for 7100 & 2500		
Created By	J. Yangco				

Release	<input checked="" type="checkbox"/>	Internal	<input checked="" type="checkbox"/>	Distributors	<input type="checkbox"/>	Customers
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Parts Required	Serial Numbers Affected
Back Light Kit Cut out template for 7100 (Optional) Mild Alcohol Wipes 2500/7100 Firmware Rev. 1.03 or later Two 4 inch Plastic Tie Wraps	7100 = 7101085 2500 = 25101044 (Bridge Board 5171 R1.3 or later)

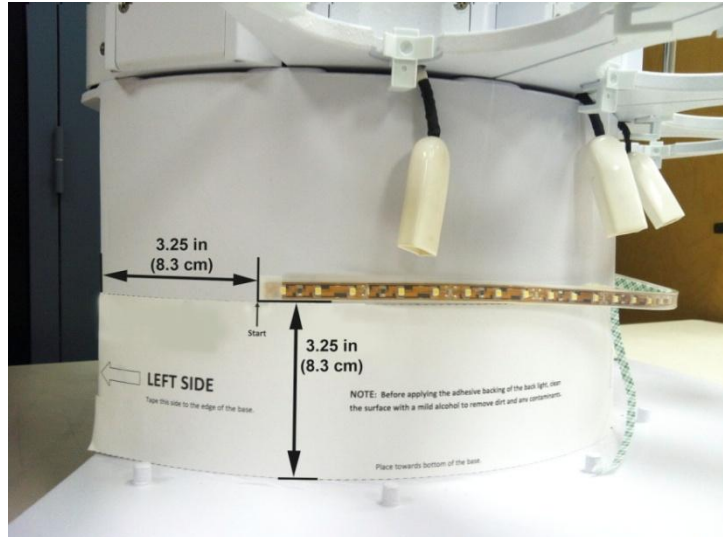


This service will be accomplished in the field and should be performed by experience technicians that are properly trained.

Solution / Action	
Step 1	Before proceeding, discharge any static electricity from your body by touching a bare screw from the instrument. Turn off the instrument and disconnect the AC power cord.
Step 2	<p>For 7100:</p> <p>Remove the vessels. Disconnect and uninstall the heater jackets from the vessel plates.</p> <p>For 2500:</p> <p>Drain the bath and remove the bath from the instrument.</p>
Step 3	<p>For 7100:</p> <ol style="list-style-type: none"> Cut the template. Position the template using some tape to hold them in place as shown below. Clean the surface where the back light will be installed with a mild alcohol wipe. <p>For 2500:</p> <p>Clean the surface where the back light will be installed with a mild alcohol wipe.</p>

For 7100:

Partially peel the adhesive backing of the back light kit (non-wire side). Depending on the number of modules on the instrument, follow the template to line up the edge of the back light as your starting point and start applying the back light using the double sided tape onto the base as shown below. If the template is not readily available, follow the measurements below as your guide.

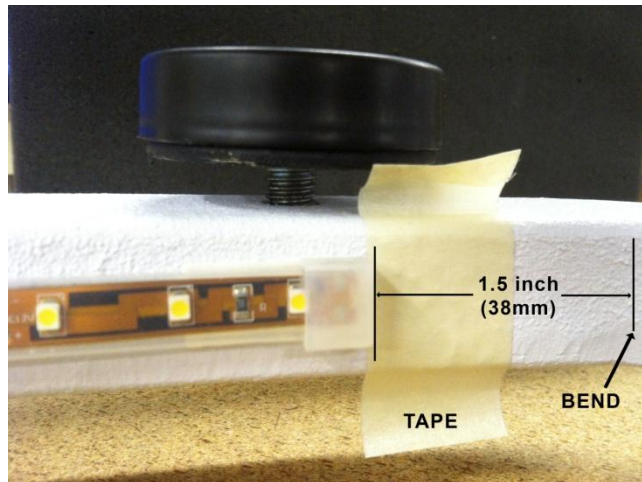


Step 4

Applying the Back Lighting

For 2500:

Partially peel the adhesive backing of the back light kit (non-wire side). Approximately 1.5 inch (38 mm) from the left rear bent of the base and centered, start applying the back light using the double sided tape onto the base as shown below.

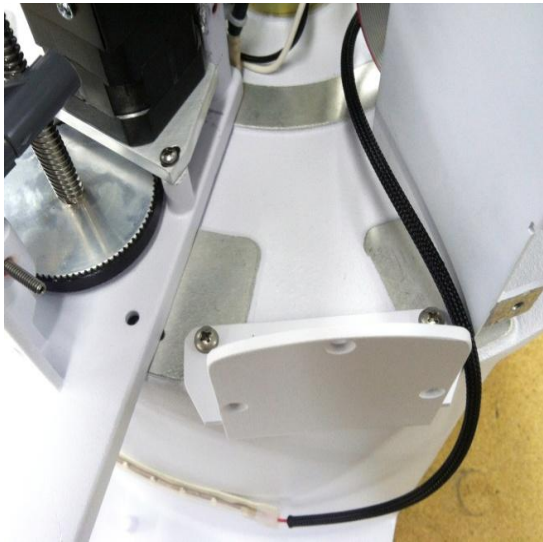


Applying the Back Lighting on the 2500

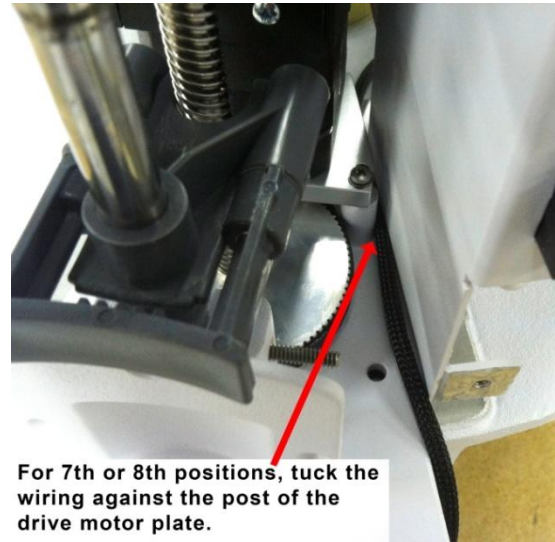
For 7100:

Remove the back cover. Remove the right blank cover if you have a 6 or 7 position instrument. Remove the front cover module #8 if you have an 8 position instrument and remove the screws holding the 7th or 8th module. Route the back light wiring towards the back panel as shown below.

Step 5



6 Position Instrument

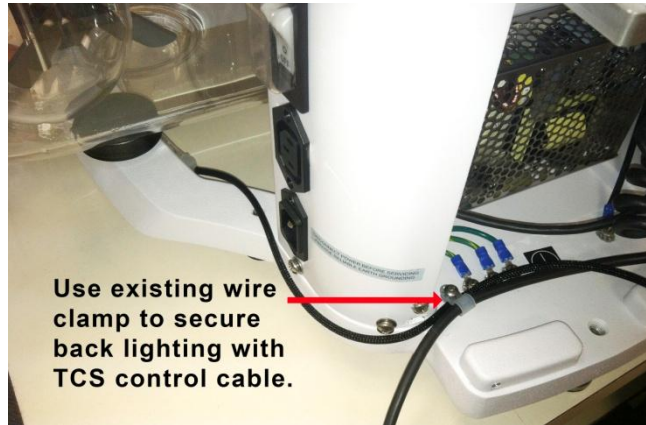


For 7th or 8th positions, tuck the wiring against the post of the drive motor plate.

7th or 8th Position Instrument

For 2500:

Remove the back cover. Route the wiring with the TCS control cable and secure the back lighting with the cable as shown below.

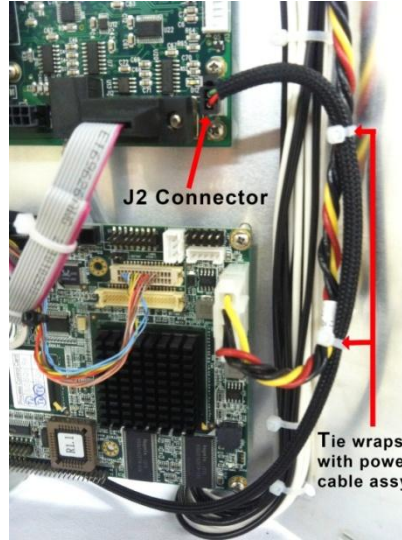


Use existing wire clamp to secure back lighting with TCS control cable.

Route the wiring for back light

For 7100:

Connect the back lighting connector to J2 located on the Bridge Board and use a couple of 4 inch tie wrap to secure the back light wiring (with power cable assembly) as shown below.

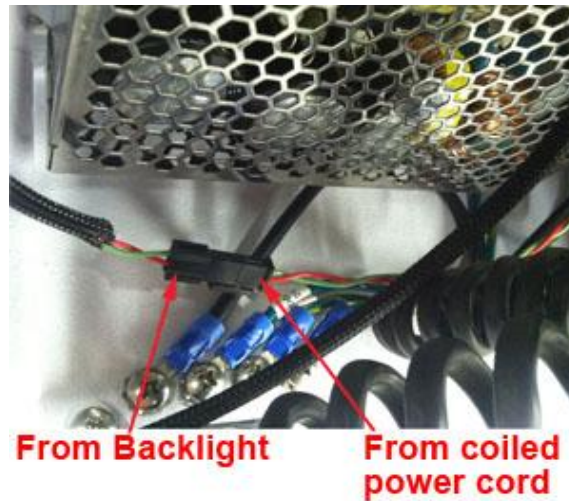


Connecting the back lighting

Step 6

For 2500:

Locate the coiled power cord with an extra connector hanging freely (with green and red wires). Connect the back light connector as shown below.



2500 Connecting the back lighting