

Date	14 Mar 2014	Service Note #	4300-2006	Updated	N/A
Product	DS/EVO 4300		Created By	Joey Yangco	
Description	Replacing the 4300 Firmware (U12/U20)				

Release	<input checked="" type="checkbox"/>	Internal	<input checked="" type="checkbox"/>	Distributors	<input type="checkbox"/>	Customers
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Parts Required	Serial Numbers Affected
U20 (2480-4300-1) U12 (2480-4300-2)	ALL

Replacing the 4300 Firmware (U12/U20)

Reason: A firmware update is available.


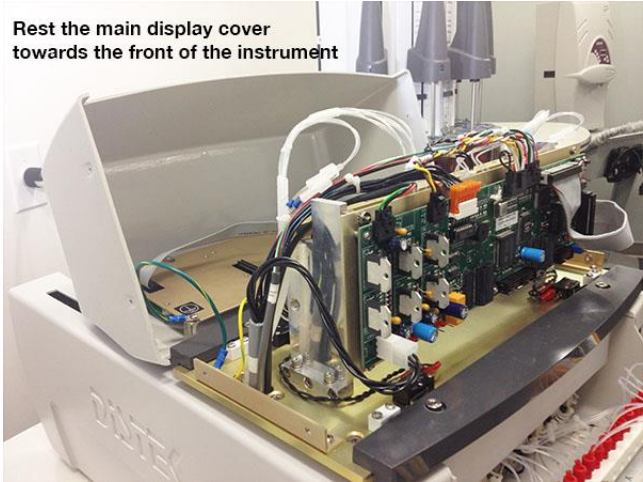
Pre-requisite:

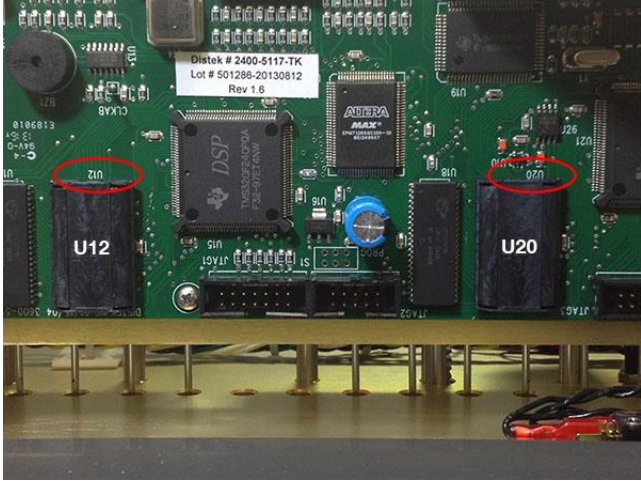
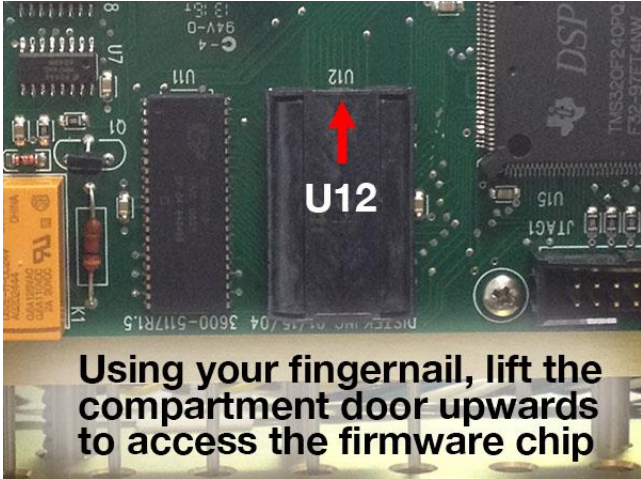
Service Engineer or person performing this service must have proper training in servicing the instrument.

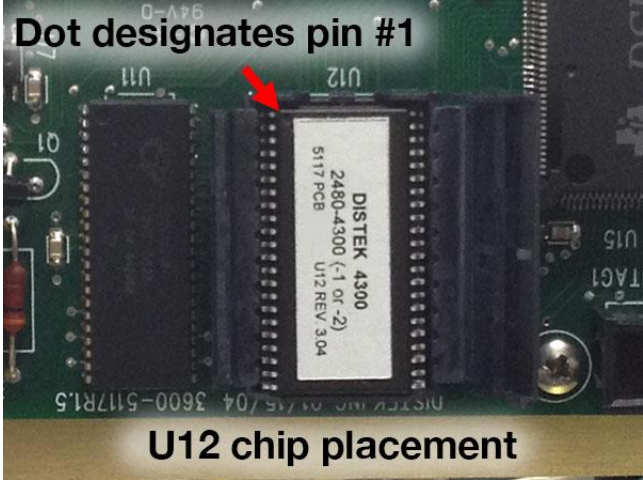
Solution / Action



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.

<p>Step 1</p>	<p>Remove the four screws securing the cover of the main collector as shown.</p>  <p>Remove screws also on other side (total 4 screws)</p> <p>Step 1</p>
<p>Step 2</p>	<p>Lift and rest the cover towards the front of the instrument as shown.</p>  <p>Rest the main display cover towards the front of the instrument</p> <p>Step 2</p>

<p>Step 3</p>	<p>Locate the two chips (U12 and U20) on the main board. These two chips are where the firmware are stored as shown.</p>  <p style="text-align: center;">Step 3</p>
<p>Step 4</p>	<p>Starting with U12, open the IC compartment by sliding the compartment door upwards as shown.</p>  <p style="text-align: center;">Using your fingernail, lift the compartment door upwards to access the firmware chip</p> <p style="text-align: center;">Step 4</p>
<p>Step 5</p>	<p>Once the compartment door is open, you can now access the chip firmware. Remove the chip from the compartment.</p>

<p>Step 6</p>	<p>Install the new U12 firmware chip, keeping in mind its orientation as shown.</p>  <p style="text-align: center;">U12 chip placement</p> <p style="text-align: center;">Step 6</p>
<p>Step 7</p>	<p>Close the U12 IC compartment making sure that it is properly locked.</p>
<p>Step 8</p>	<p>Repeat steps 4, 5, 6 and 7 for U20 replacement.</p>
<p>Step 9</p>	<p>Reinstall the main collector cover but do not secure it with the four screws.</p>
<p>Step 10</p>	<p>Plug in the instrument and test the instrument for proper operation.</p>
<p>Step 11</p>	<p>If instrument is functioning properly, secure the cover with the four screws.</p>