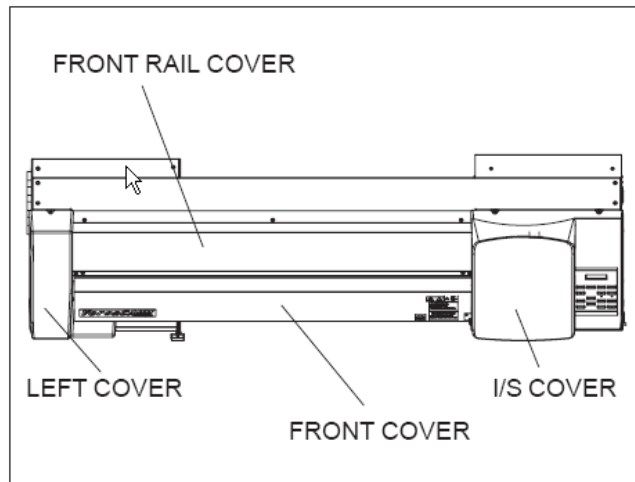


How to replace cable and guides

BEFORE doing anything unplug the machine from the wall

Remove the following covers. LEFT COVER, I/S COVER, FRONT RAIL COVER, FRONT COVER



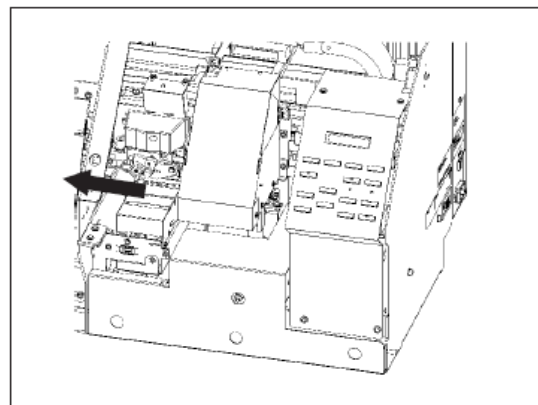
Lower the cap tops manually by using the head by using a head cap tool (below) which is a silver hollow tube about the size of a pencil with a crimped end OR a nut driver and socket 5/16". Under the left hand side of the machine below the cap tops is a 1" hole and inside that hole is a rod. Slide the crimped side of the cap tool or the socket on this and turn it clock wise to lower the caps approx 3/4".



Move the HEAD CARRIAGE slowly leftwards.



Be careful that the head does not strike the media or media clamp.



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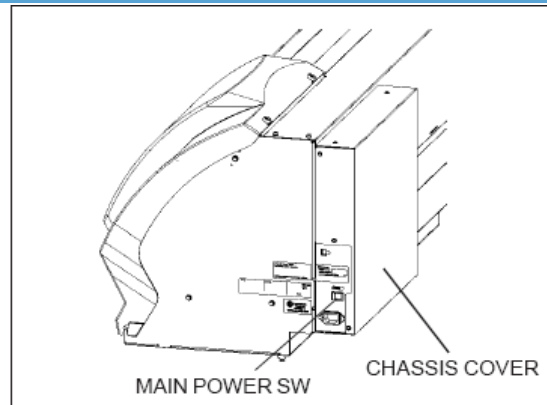
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Turn off the Main Power SW, and disconnect the power cord. Then, remove the CHASSIS COVER.

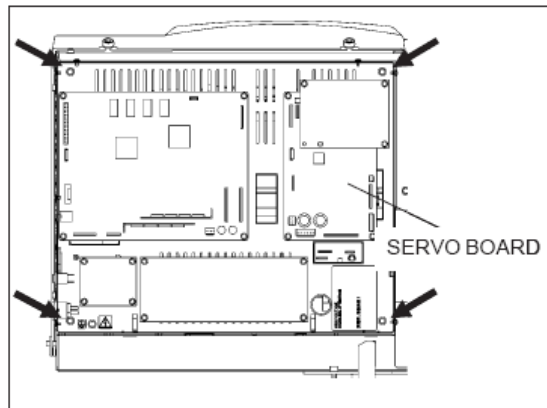


Disconnect the flexible cable at the CN6 of the SERVO BOARD.

Then, remove the 4 screws fixing the 4 corners of the CHASSIS and open it.



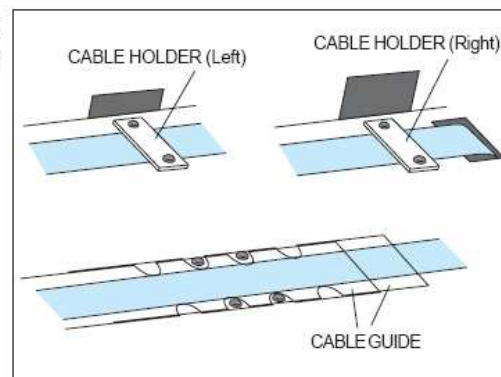
You don't have to take off the CHASSIS from the machine.



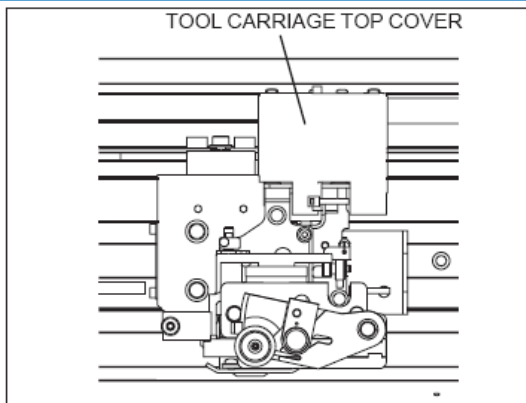
***** If you tape the new cable to the old one you can gently pull the old one through from the front of the machine which will thread the new cable at the same time. ******

TAKE SPECIAL CARE not to damage the encoder strip (the grey piece of film standing upright in the silver rail).

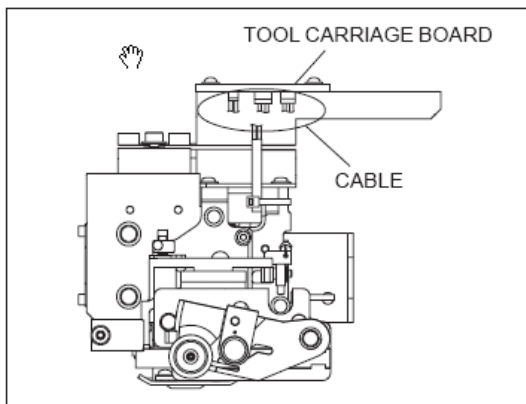
Remove the 2 CABLE HOLDERS that are holding the FLEXIBLE CABLE on the RAIL, and remove the rivets that are fixing the CABLE GUIDES.



Remove TOOL CARRIAGE TOP COVER from the TOOL CARRIAGE.

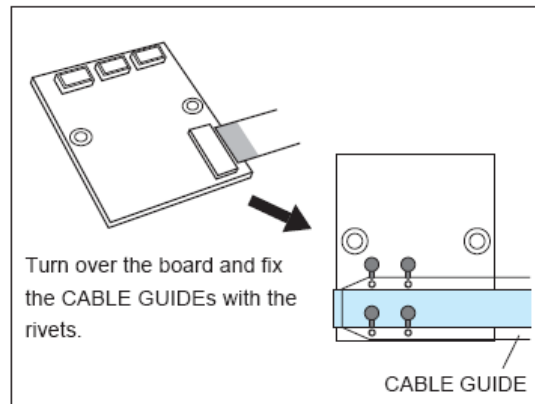


Disconnect the 3 cables except the FLEXIBLE CABLE from the TOOL CARRIAGE BOARD, and remove the TOOL CARRIAGE BOARD from the machine.



Remove the FLEXIBLE CABLE and the CABLE GUIDES from the TOOL CARRIAGE BOARD.

Connect the new FLEXIBLE CABLE to the TOOL CARRIAGE BOARD. Then, fix the 2 new CABLE GUIDES with putting the FLEXIBLE CABLE between them.



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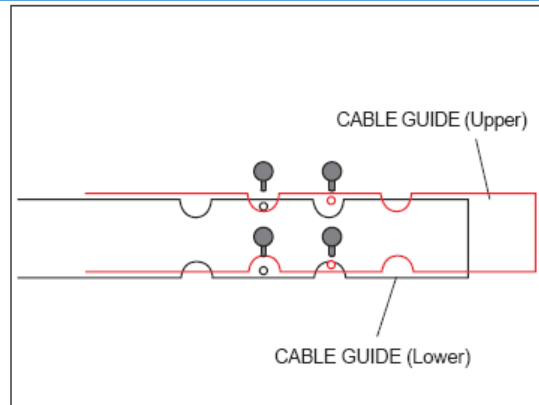
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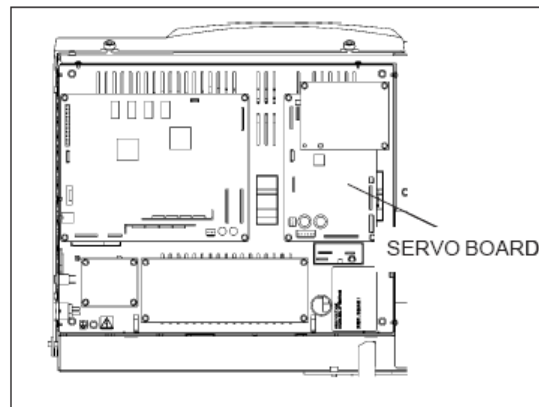
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Fix the CABLE GUIDES on the RAIL with the rivets.



Connect the FLEXIBLE CABLE to CN6 of the SERVO BOARD.



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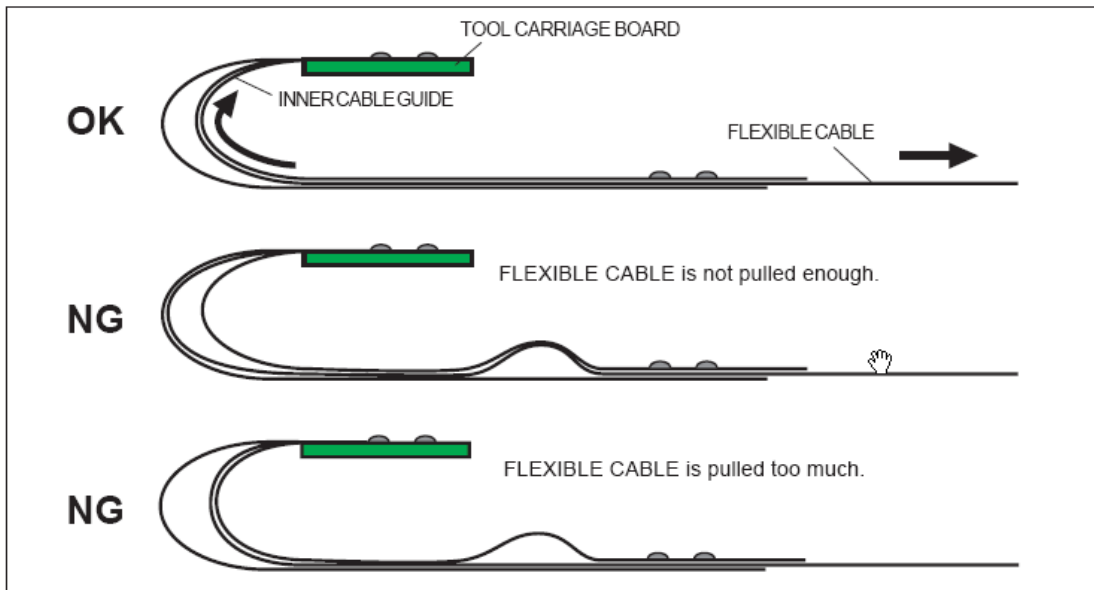
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Pull the FLEXIBLE CABLE rightward with holding the INNER CABLE GUIDE at the left side so that the FLEXIBLE CABLE fits to the INNER CABLE GUIDE.

If the FLEXIBLE CABLE is not pulled enough or pulled too much, there will be the slack in the CABLE GUIDE.



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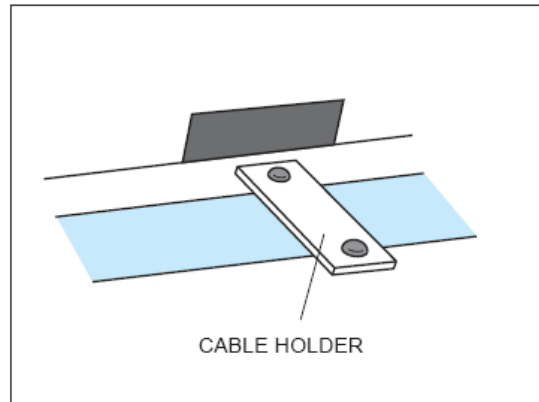
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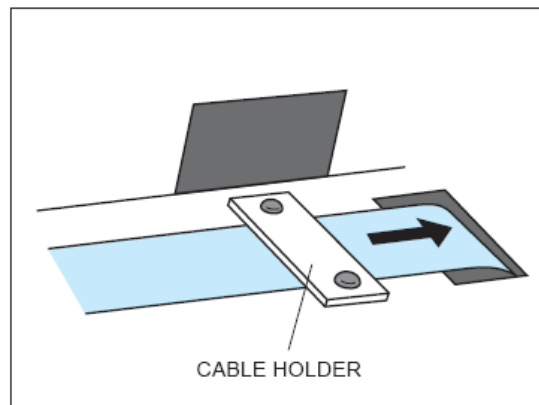
Fix the FLEXIBLE CABLE with the CABLE HOLDER with keeping the condition of **15**.



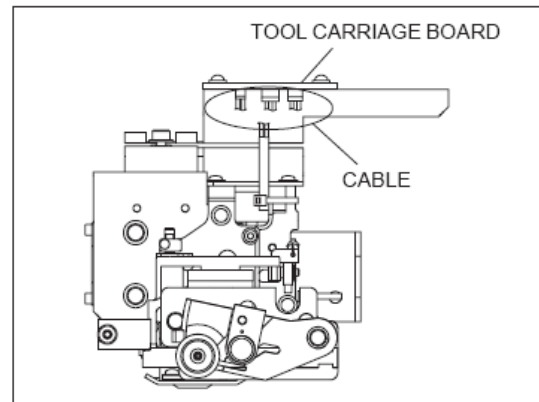
Fix the FLEXIBLE CABLE with the other CABLE HOLDER.



Fix the CABLE HOLDER with pulling the FLEXIBLE CABLE not to have the slack between the 2 CABLE HOLDERS.



Fix the TOOL CARRIAGE BOARD to the TOOL CARRIAGE, and connect the 3 cables.



Replace all covers (except left maintenance cover) and lock the head by returning it to the left right before you get to the cap top position go very SLOW you will feel some resistance and hear a slight click as soon as that happens STOP and push back to the right. If the head is locked it will not move to the right. If it is not locked repeat this step until the head locks.

Replace left maintenance cover and restart machine. Caps should go up by themselves.

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