


Effective Date: 5/15/13	 Service Bulletin	Revision
Warranty: Parts and Labor	Cable and Adjustable Pulley Set Replacement	Revised Date:
Time Required: 1 hour	All Matrix Multi-Stations (except 3 stack)	Prepared by: Gary McCarthy

DESCRIPTION

There are a variety of problems that cause issues with the Multi-Station Cable Cross cables.

SOLUTION

Install a new cable along with a new adjustable pulley set.

PROCEDURE

1. Remove the bolt / nut holding the bottom pulley into the adjustable pulley set (Figure A).
2. Remove the bottom pulley and pull the cable out of the adjustable pulley set (Figure B).



FIGURE A



FIGURE B

3. Loosen the locking nut on the top cable connection at the adjustable pulley set (Figure C).
4. Remove the cable from the top of the adjustable pulley set (Figure D).



FIGURE C



FIGURE D

5. Remove the bolt holding the bottom of the adjustment tube to the frame (Figure E).
6. Slide the adjustment tube to the side and off of the frame stud (Figure F).


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FIGURE E



FIGURE F

7. Slide the old adjustable pulley set down and off of the adjustment tube (Figure G).
8. Slide the new adjustable pulley set up and onto the adjustment tube, then re-install the bolt from Step 5.
9. Remove the 3 cable keepers on the lower frame pulleys (Figure H).

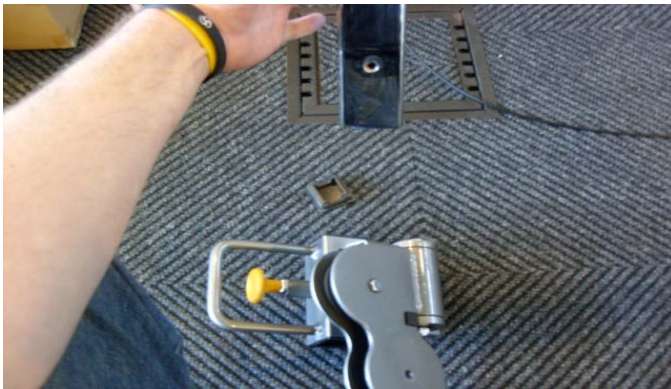


FIGURE G



FIGURE H

10. Replace the existing cable with the replacement cable sent with the adjustable pulley sets. You will need to remove each pulley while routing the cable to align the cable correctly. It is recommended that you add the new cable at the same time as removing the old cable to ensure the proper routing of the cable through the pulleys.
11. Remove the lower pulley from the new adjustable pulley set and route the ball end of the cable through the gap created (Figure I), then re-install the pulley.
12. Tighten the bolt end of the cable into the top of the new adjustable pulley set. Tighten the bolt into the adjustable pulley set until when at rest, the ball end of the cable has a slight gap between the ball and pulley set (Figure J). In a resting position, there should be no strain on the ball portion of the cable. Then tighten the nut and test for function.



FIGURE I

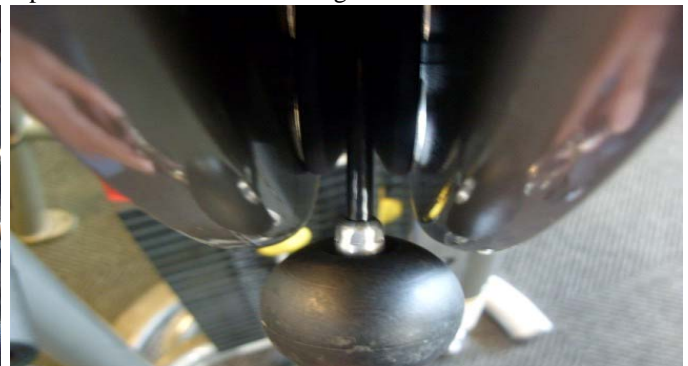


FIGURE J