



Track, Wall / Cabinet Mtd. Light Flex Arm Harness Repair Kit Installation [Kit 002-1734-00]

Applies to Models:

153638, 153640, 153641

153656 and 153768

Special Tools:

none

Restrictions:

Use this kit to replace dental halogen light, Track, Wall / Cabinet fixed and flex arm wiring harnesses.

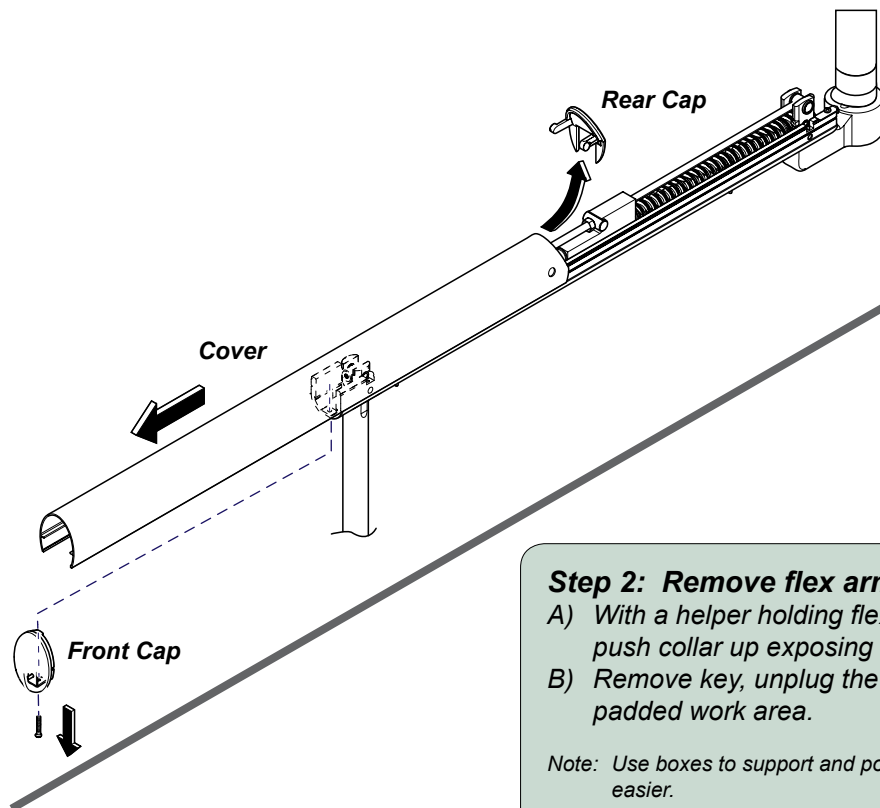


WARNING

Always disconnect light from the power source before removing any covers. Failure to do so may result in personal injury.

Step 1: Remove flex arm covers.

- Remove screw and take off front cap.
- Remove rear cap.
- Slide cover off flex arm.

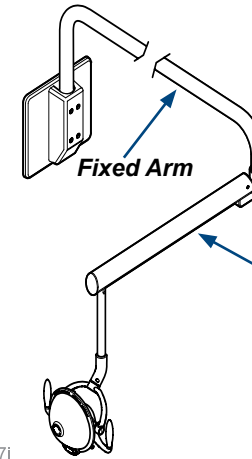


Step 2: Remove flex arm assembly.

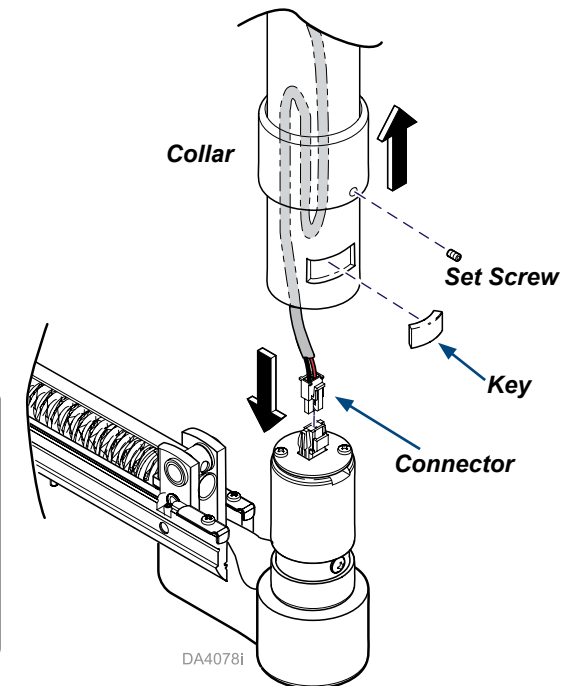
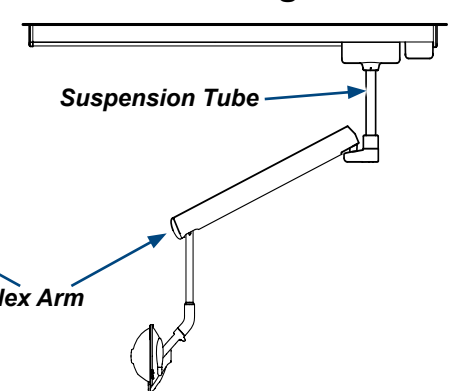
- With a helper holding flex arm assembly, remove set screw and push collar up exposing the key.
- Remove key, unplug the connector and lower arm assembly to a padded work area.

Note: Use boxes to support and position the flex arm assembly to make disassembly easier.

Wall / Cabinet

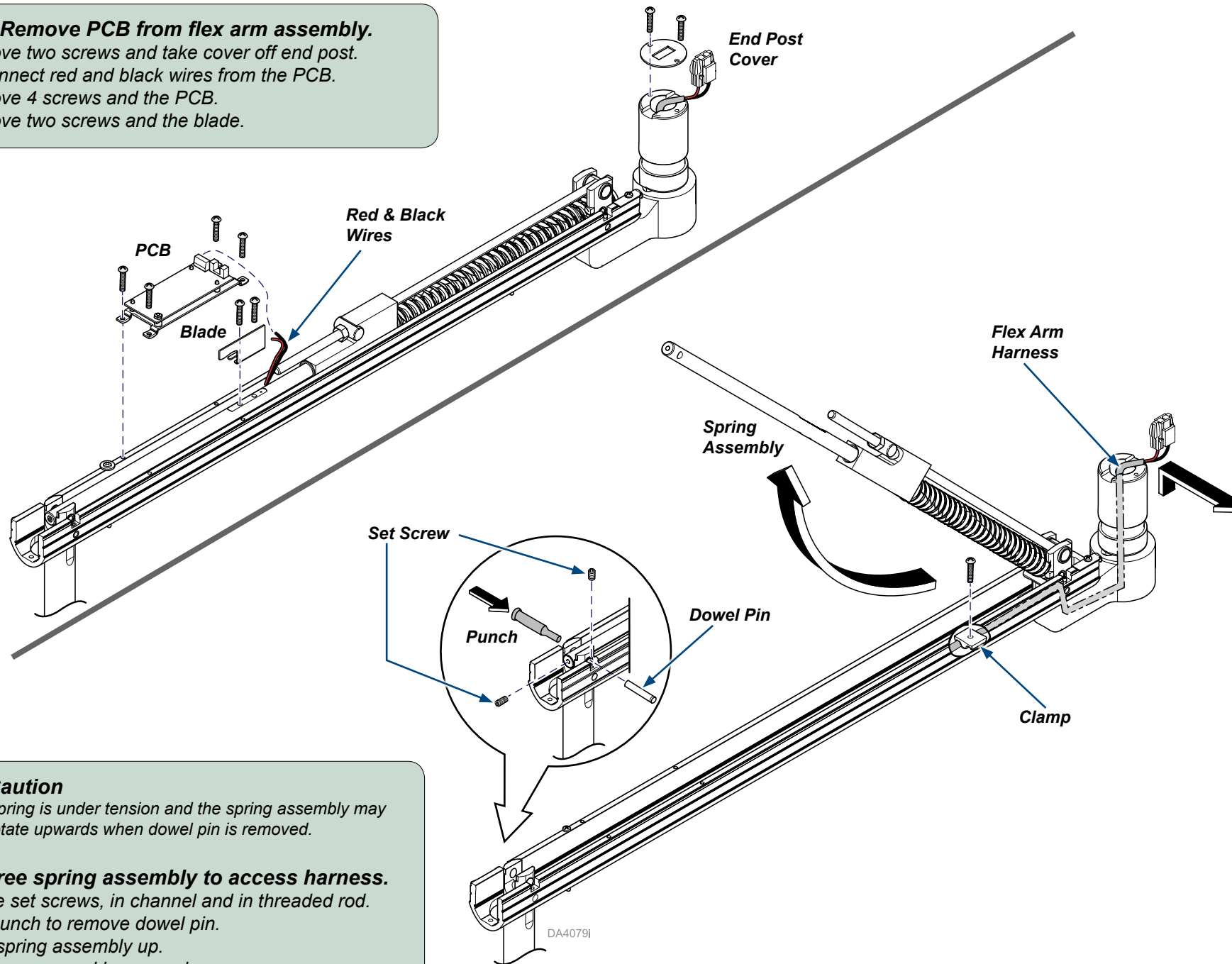


Track Light



Step 3: Remove PCB from flex arm assembly.

- A) Remove two screws and take cover off end post.
- B) Disconnect red and black wires from the PCB.
- C) Remove 4 screws and the PCB.
- D) Remove two screws and the blade.



Caution

Spring is under tension and the spring assembly may rotate upwards when dowel pin is removed.

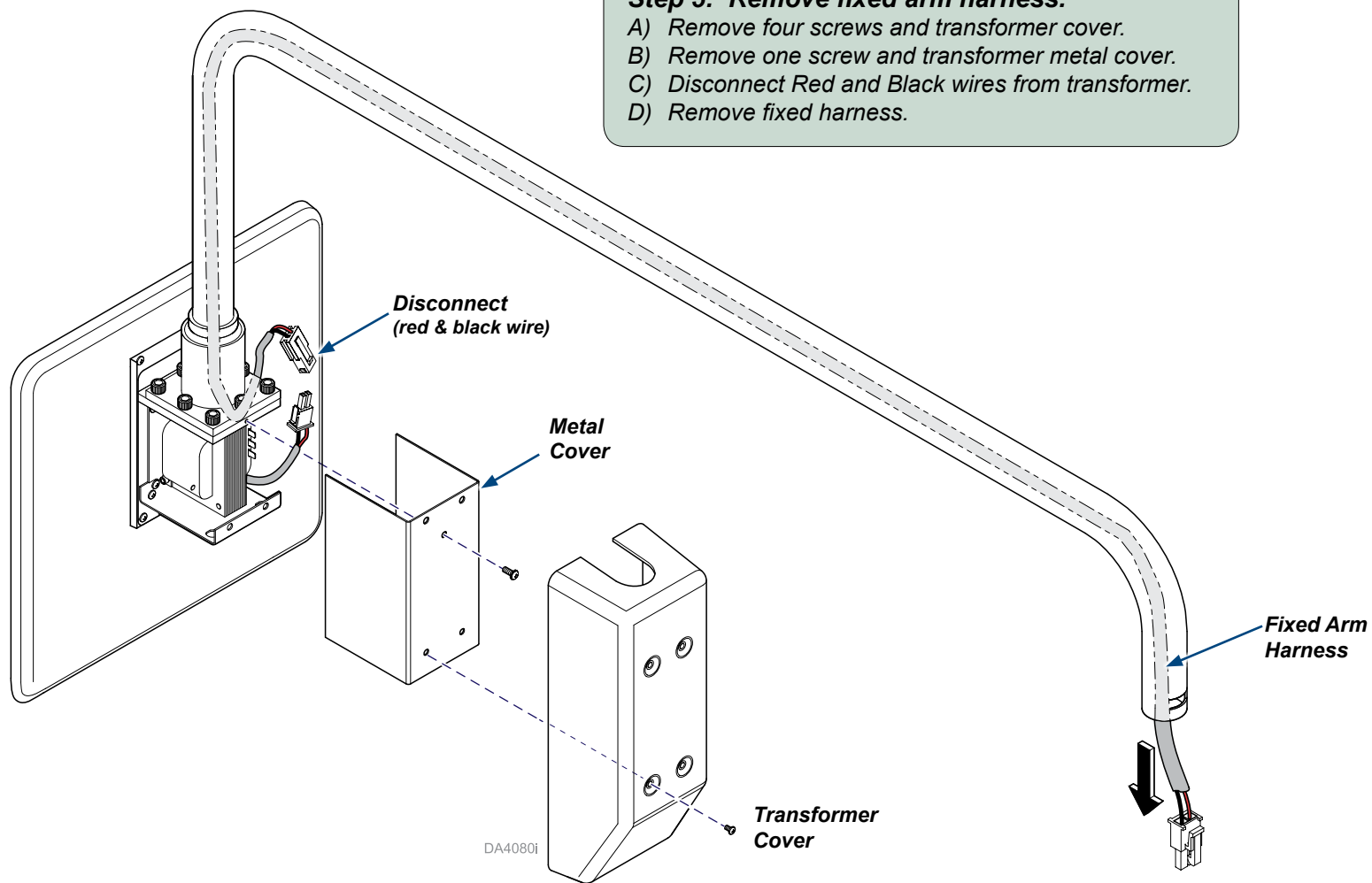
Step 4: Free spring assembly to access harness.

- A) Remove set screws, in channel and in threaded rod.
- B) Use a punch to remove dowel pin.
- C) Rotate spring assembly up.
- D) Remove screw and harness clamp.
- E) Route harness thru and out of the flex arm assembly.

Wall/Cabinet Mounted Units Only

Step 5: Remove fixed arm harness.

- A) Remove four screws and transformer cover.
- B) Remove one screw and transformer metal cover.
- C) Disconnect Red and Black wires from transformer.
- D) Remove fixed harness.



Wall/Cabinet Mounted Units Only

Step 6: Install new fixed arm harness and finish installation.

- A) Follow Step 5 in reverse to install the new harness.
- B) Repeat Steps 1- 4 in reverse to reassemble the light.

End Cap

Trolley

Double
Wheels

Bumper

Side Rails

DA40811

Harness
Connector

Suspension
Tube Harness

Track Mounted Units Only

Step 5: Remove suspension tube harness.

- A) Remove side rails (slide in/out from under mounting board).
- B) Remove two screws and end cap.
- C) Remove two bumpers (screw into track).
- D) Remove trolley from track (Note which side of the track the double wheels go on).
- E) Disconnect the harness connectors.
- F) Remove Suspension Tube harness.

Track Mounted Units Only

Step 6: Install new suspension tube harness and finish installation.

- A) Follow Step 5 in reverse to install new harness.
(You may need to remove the Harness Bracket, Clevis Pin and Suspension Tube to fish the new harness into the trolley)
- B) Repeat Steps 1- 4 in reverse to reassemble the light.

Harness
Bracket

Clevis
Pin

Connects to
PCB in Flex Arm



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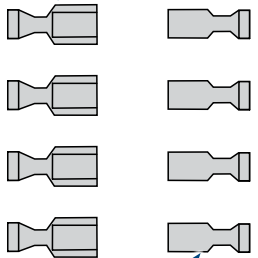
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DA8042I

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Wall / Cabinet and Track Mtd. Light Service Kit
(includes items 1 thru 4)

Item	Description	Qty.
1	• Flex Arm Harness	1
2	• Fixed Arm/Suspension Tube Harness	1
3	• Terminal (.032 x .250 Receptacle. 16-14)	4
4	• Terminal (.032 x .250 Tab 16-14)	4

Models:	153638	153640	153641	153656	153768
Serial Numbers:	All	All	All	All	All