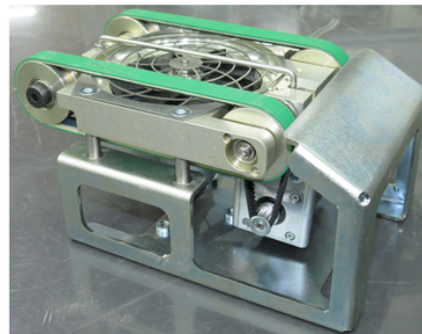




OPV Interface - Replacing a Tornado Assembly

CSR Level:	CSR B
Part Number:	CX245-12230
Part Name:	TORNADO ASSY
Frequency:	as needed
Document ID:	c05942236
Revision:	Draft 1
Date:	30-April-2018



Required personnel:	1
Required time:	15 minutes
Required tools:	Allen wrenches, Torx wrench, cutter, marker

Important:

Make sure to comply with all relevant federal, state, and local regulations when disposing of replaced parts.

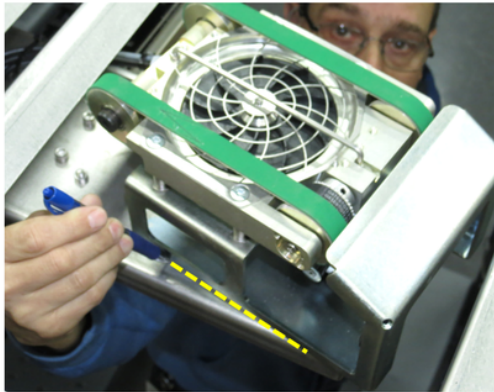


Procedure

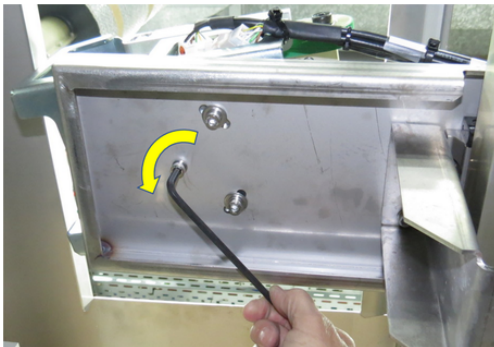
1. Open the OPV Interface left service door.



2. Enter underneath the OPV Interface and locate the Tornado assembly to be replaced.
3. Mark the current location and orientation of the Tornado assembly.



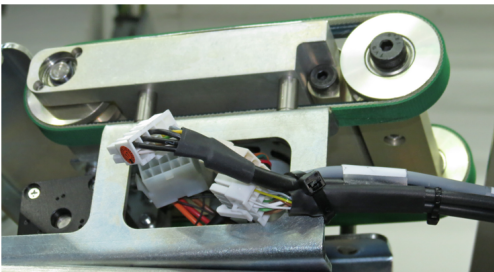
4. Using an Allen wrench, remove the 3 screws that secure the Tornado assembly to the OPV interface.



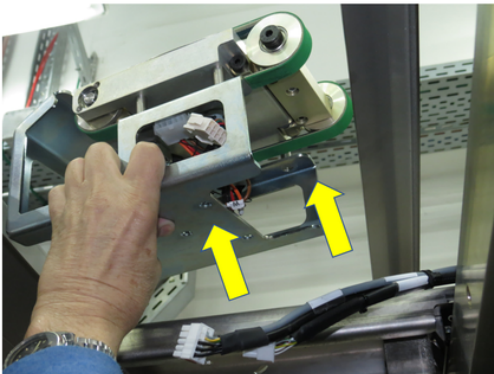
5. Using a cutter, cut the cable ties that secure the Tornado cables.



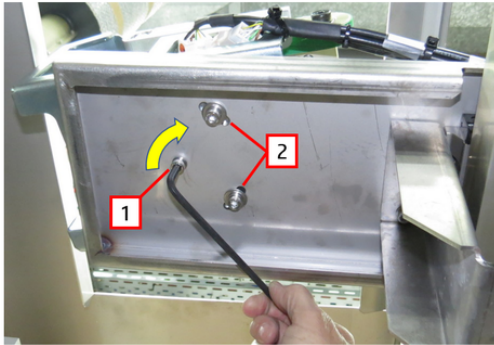
6. Disconnect the two Tornado cables.



7. Remove the assembly.



8. Attach the new Tornado assembly to the OPV Interface:
 - a. Position the assembly based on the markings you made in [step 3](#).
 - b. Insert the middle screw first underneath the assembly (in the round hole).
 - c. Insert the other two screws in the slotted holes.
 - d. Verify that the base of the assembly is positioned correctly.



1	Insert screw in circular hole first
2	Insert screws in slotted holes

9. Reconnect the two cables and secure the cables with a cable tie.

10. Close the OPV Interface left service door.

11. Press the **Reset** button on the main operator console.



1	Reset button
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Note:

Alternatively, press the **Reset** button on the secondary operator console.