



# INSTRUCTION TO SERVICE

ITS59132		01/06/2021
<b>SECTION:</b>	580 - Wheelchair Lift	
<b>WRITTEN BY:</b>	Devin Draward	
<b>SUBJECT:</b>	FR2E/BR2E SWITCH ASSY. CAM SERVICE BULLETIN	
<b>ISSUE:</b>	Field reports have indicated that the switch cams need re-adjustment/tightening after a few cycles of the ramp.	
<b>SUMMARY:</b>	Perform a proactive check of switch assembly cams for proper torque.	

# ITS59132

**THIS ITS DOCUMENT SHOULD BE RETAINED AND REFERRED TO FOR FUTURE MAINTENANCE UNTIL THE NEW FLYER PARTS AND/OR SERVICE MANUAL IS UPDATED TO REFLECT WORK DONE AS A RESULT OF THIS DOCUMENT. ENSURE THAT THIS DOCUMENT IS AVAILABLE FOR PARTS AND MAINTENANCE STAFF GOING FORWARD.**



<b>LABOUR ESTIMATE</b>				
	Operation	Number of Technician(s)	Hours	Labor Time T X HR
1	Inspect the switch assembly cams	1	0.15/ramp	SR-Dependent

<b>PARTS REQUIRED</b>					
Item	Part Number	Description	Qty. per Coach	Units	Notes
1			1	EA	

<b>SPECIAL TOOLS REQUIRED</b>					
Item	Part Number	Description	Qty.	Units	Notes
1					



## SERVICE BULLETIN

**Subject:** SWITCH ASSY. CAM  
**Applicable Products:** FR2E/BR2E  
**Effectivity:** 12/08/20

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### Introduction

Precautionary check of switch assembly cams proper torque

### Incorporation

Ricon requires the incorporation of this service bulletin as soon as possible.

### Information

Field reports have indicated that the switch cams need re-adjustment/tightening after a few cycles of the ramp. Inproper torque of the screw holding the cam in place may allow the screw to loosen over time.

Symptoms of mis-adjusted and/or loose cams include but not limited to;

- Ramp does not fully stow under power
- Vehicle missing ramp fully stowed signal
- Deploy/Stow cycle time increase

### Parts

N/A

### Labor

0.25hrs (15min)

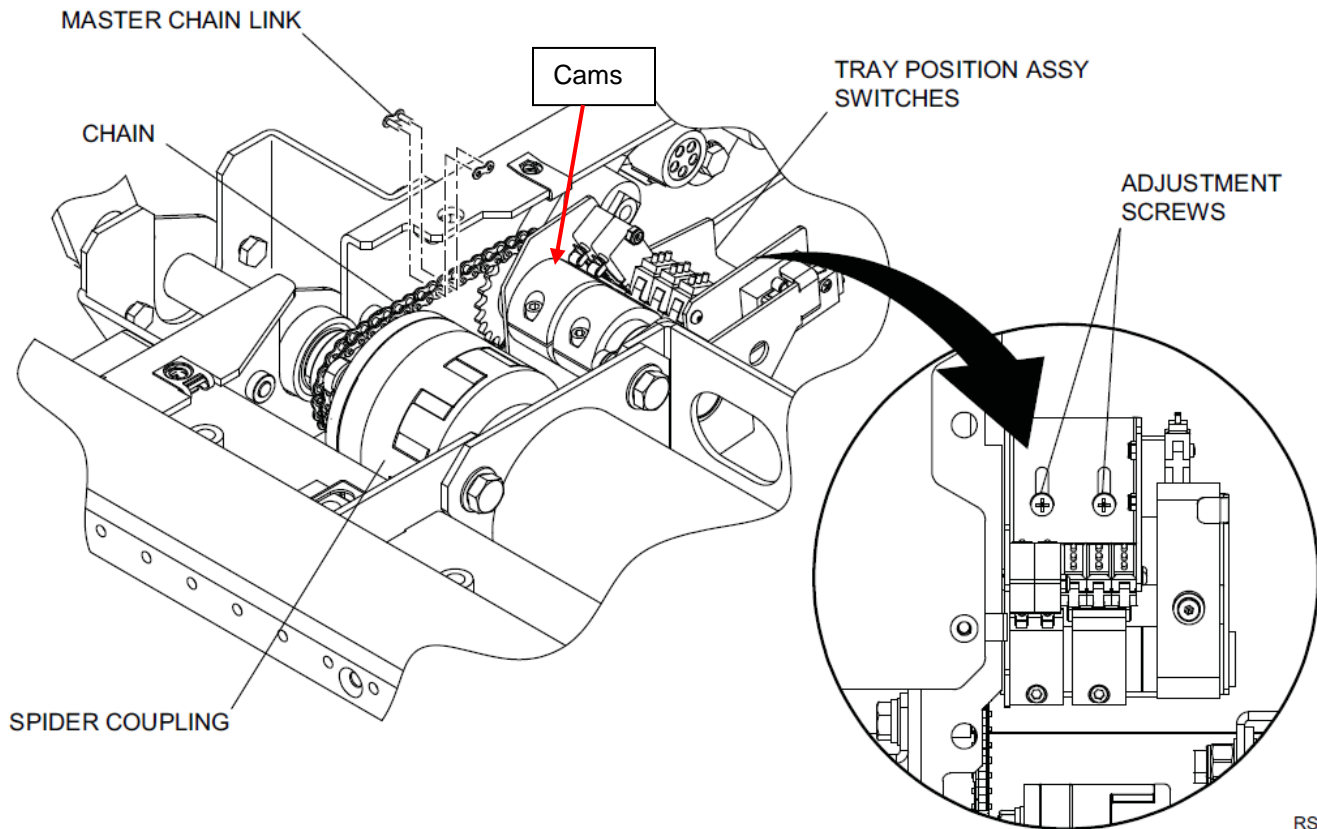
### Tools

9/64" Allen Wrench socket

Torque wrench

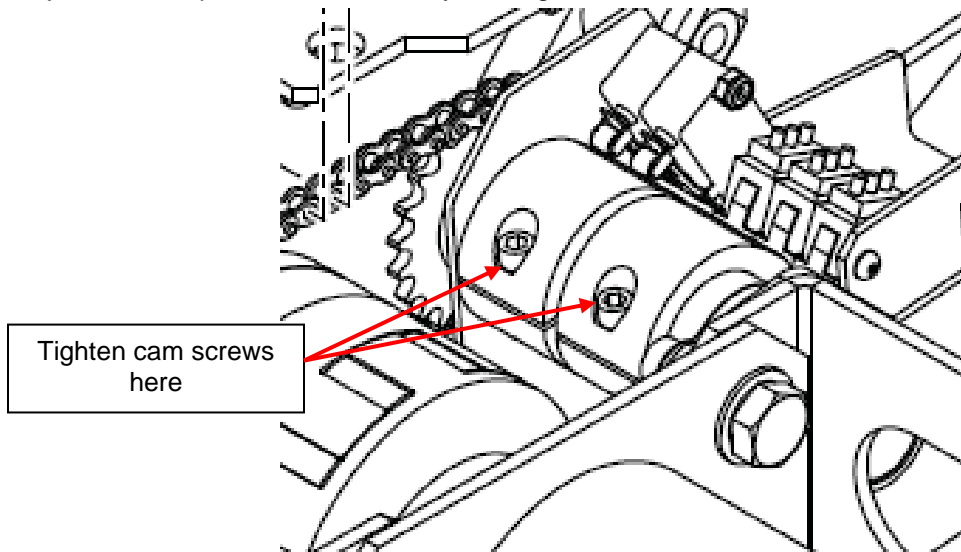
## Procedure

1. Manually attempt to turn the position switch cams by hand.



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2. If the cam is tight and cannot be moved by hand, no adjustment/tightening is needed.
3. If the cam is loose, minimal force will cause it to move from its at rest position and re-adjustment/tightening will be needed.
4. Re-adjust the cam position as necessary, and tighten the cam screw to 4in-lbs.



5. Cycle the ramp and verify timing of Deploy and Stow functions.
6. If further adjustment is needed, loosen cam screw and repeat steps 4-5 as necessary.

**NOTES:**