



## INSTRUCTION TO SERVICE

<b>ITS: 6914</b>	
<b>SECTION:</b>	420 - Wipers
<b>WRITTEN BY:</b>	Scott Geier
<b>SUBJECT:</b>	Remove and install street side and curb side wiper idler arm assembly.

# ITS-6914

THIS DOCUMENT AND THE CONTENTS DISCUSSED HEREIN ARE THE CONFIDENTIAL AND PROPRIETARY INFORMATION OF NEW FLYER INDUSTRIES CANADA ULC AND NEW FLYER OF AMERICA INC. AND ARE DISCLOSED BY NEW FLYER IN CONFIDENCE. THIS DOCUMENT AND THE CONTENTS HEREIN ARE NOT TO BE DISCLOSED BY THE INTENDED RECIPIENT WITHOUT THE PRIOR WRITTEN AUTHORIZATION OF NEW FLYER. ANY UNAUTHOIZED DISCLOSURE, REPRODUCTION OR OTHER DISTRIBUTION OF THIS DOCUMENT OR INFORMATION IS STRICTLY PROHIBITED AND MAY RESULT IN ACTION BEING TAKEN AGAINST THE PARTY MAKING THE UNAUTHORIZED DISCLOSURE. THIS DOCUMENT AND ALL COPIES HEREOF MUST BE RETURNED TO NEW FLYER UPON REQUEST.

**PROCEDURE:**

**Equipment Required:**

- 8mm socket
- 10mm wrench
- Ratchet
- 2mm hex key or driver
- Torque wrench set to 12 in. lbs.
- Replacement idler arm with new nylon locknut.

**1. REMOVING THE IDLER ARM**

1.1. Using the 2mm hex key, remove the set screw shown below.

**NOTE: do not fully remove the screw as it will likely fall out. Remove it only enough to slide the end cap off the shaft.**

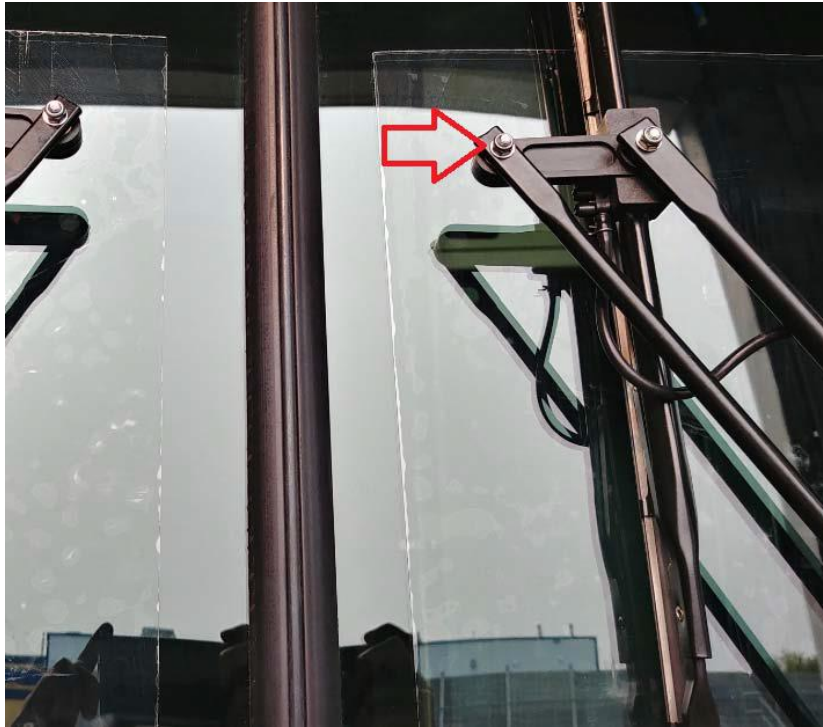




1.2. Remove and retain both the end cap and the washer.



1.3. With the 10mm wrench and 8mm socket, remove the locknut at the top of the idler arm.



1.4. Remove and retain the washer behind the locknut. Leave the bolt in place.



1.5. Remove the idler arm.



## 2. REPLACING THE IDLER ARM

2.1. Put the new idler arm assembly (NF PN: 6465832) in place of the old one the same way it was removed.



2.2. Reinstall the washer that was removed earlier.



2.3. Using the 8mm socket, set the torque wrench to 12 in. lbs.



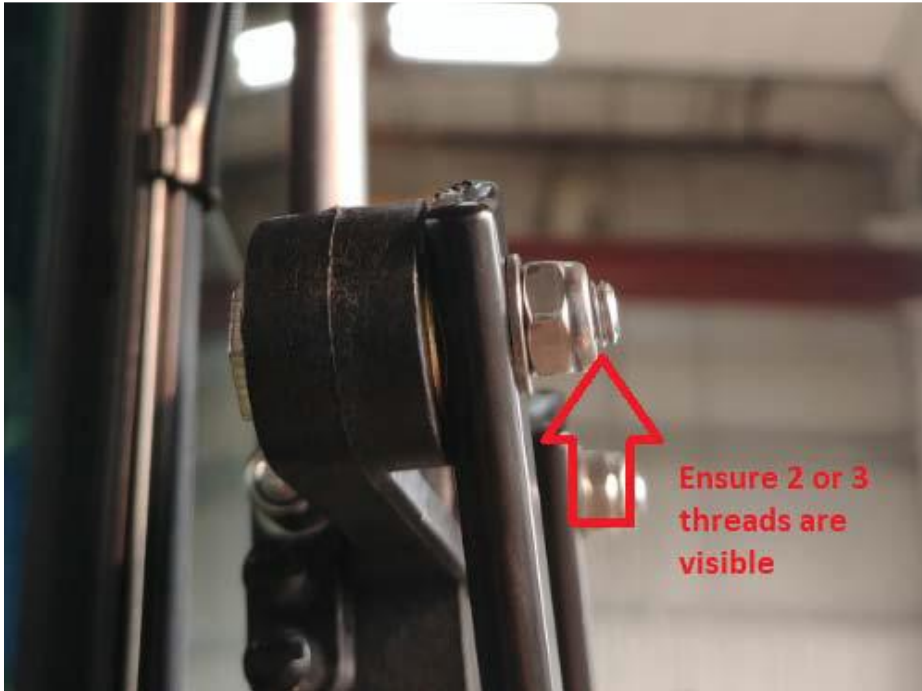


**NEW FLYER**

- 2.4. Using the new locknut supplied with the idler arm assembly kit, fasten the top of the Idler arm to the existing wiper assembly with a 10mm wrench and torque wrench.



**NOTE: be sure the fastener is torqued to 12 in lbs. and that 2 or 3 threads are visible.**



2.5. Install the washer at the bottom of the idler arm assembly.



2.6. Install the end cap and tighten hex set screw until it bottoms out.



2.7. Finished assembly should look as follows.



2.8. Make final adjustments as necessary per normal installation standard operating procedures.



<b>LABOUR ESTIMATE</b>				
<b>Item</b>	<b>Operation</b>	<b>Men</b>	<b>Hours</b>	<b>Labour Time M X HR</b>
1	R & R street side and curb side wiper idler arm assembly	1	0.3	0.3

**Total Man hrs. 0.3 hr.**

<b>PARTS REQUIRED</b>					
<b>Item</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty. per Coach</b>	<b>Units</b>	<b>Notes</b>
1	6465832	Wiper Idler Arm Assembly	2	EA	