

**PREVOST**

ENREGISTRÉ - REGISTERED  
ISO 9001 & ISO 14001

**WARRANTY  
BULLETIN**

Wb06-05A




<b>DATE : JUNE 2006</b>	<b>SECTION : 23 - Accessories</b>
<b>EXPIRATION: JUNE 2008</b>	
<b>SUBJECT : INSPECTION OF A PIVOT ON THE WINDSHIELD WIPERS MECHANISM</b>	

**REVISION : A**

**V.I.N. changed for two vehicles.**

**APPLICATION**

Model	VIN	
	The following vehicles :	
XLII-45 Coaches  XLII-45 Entertainer  XLII-45 & XLII-40 Motorhomes  Model Year : 2005 - 2006	<u>2PCX3349651028705</u>	<u>2PCY3349851028760</u>
	<u>2PCY3349251028706</u>	<u>2PCW3349051028761</u>
	<u>2PCY3349851028709</u>	<u>2PCX3349561028762</u>
	<u>2PCW3349551028710</u>	<u>2PCW3349451028763</u>
	<u>2PCY3349651028711</u>	<u>2PCX3349061028765</u>
	<u>2PCX3349161028712</u>	<u>2PCW3349X51028766</u>
	<u>2PCY3349X51028713</u>	<u>2PCW3349151028767</u>
	<u>2PCW3349451028715</u>	<u>2PCX3349661028768</u>
	<u>2PCY3349551028716</u>	<u>2PCW3349551028769</u>
	<u>2PCW3349X51028718</u>	<u>2PCX3349661028771</u>
	<u>2PCX3349461028719</u>	<u>2PCW3349951028774</u>
	<u>2PCY3349751028720</u>	<u>2PCW3349051028775</u>
	<u>2PCW3349X51028721</u>	<u>2PCW3349451028777</u>
	<u>2PCX3349661028723</u>	<u>2PCX3349961028778</u>
	<u>2PCW3349551028724</u>	<u>2PCW3349851028779</u>
	<u>2PCY3349651028725</u>	<u>2PCW3349651028781</u>
	<u>2PCY3349861028727</u>	<u>2PCX3349261028783</u>
	<u>2PCX3349561028728</u>	<u>2PCX3349161028788</u>
	<u>2PCY3349351028729</u>	<u>2PCY3349X51028789</u>

	<u>2PCW3349051028730</u>	<u>2PCW3349561028790</u>
	<u>2PCW3349251028731</u>	<u>2PCW3349261028794</u>
	<u>2PCX3349761028732</u>	<u>2PCW3349861028797</u>
	<u>2PCW3349651028733</u>	<u>2PCY3349251028799</u>
	<u>2PCW3349X51028735</u>	<u>2PCW3349461028800</u>
	<u>2PCX3349461028736</u>	<u>2PCW3349861028802</u>
	<u>2PCX3349861028738</u>	<u>2PCX3349461028803</u>
	<u>2PCX3349661028740</u>	<u>2PCW3349161028804</u>
	<u>2PCW3349751028742</u>	<u>2PCY3349261028805</u>
	<u>2PCY3349851028743</u>	<u>2PCY3349461028806</u>
	<u>2PCX3349361028744</u>	<u>2PCX3349161028807</u>
	<u>2PCW3349251028745</u>	<u>2PCY3349861028808</u>
	<u>2PCX3349961028747</u>	<u>2PCW3349061028809</u>
	<u>2PCW3349851028748</u>	<u>2PCW3349161028818</u>
	<u>2PCW3349X51028749</u>	<u>2PCY3349261028819</u>
	<u>2PCX3349961028750</u>	<u>2PCY3349961028820</u>
	<u>2PCW3349851028751</u>	<u>2PCY3349461028823</u>
	<u>2PCW3349X51028752</u>	<u>2PCW3349061028826</u>
	<u>2PCW3349551028755</u>	<u>2PCY3349561028832</u>
	<u>2PCW3349751028756</u>	<u>2PCY3349761028833</u>
	<u>2PCW3349951028757</u>	<u>2PCY3349461028837</u>
	<u>2PCW3349051028758</u>	<u>2PCW3349761028838</u>
	<u>2PCX3349561028759</u>	<u>2PCX3349761028844</u>
<b>This bulletin does not necessarily apply to all the above-mentioned vehicles, some vehicles may have been modified before delivery. The owners of the vehicles affected by this bulletin will be advised by a letter indicating the Vehicle Identification Number (VIN) of each vehicle concerned.</b>		

## DESCRIPTION

On the above mentioned vehicles, it is necessary to inspect the pivots mounting plate on the wipers mechanism. Prevost Car has determined that some of these parts may be defective due to a weak or missing weld bead on one pivot. If this part is defective, a failure of the wipers mechanism may occur while in use, making the wipers totally inoperative.

Inspect the part as described in PART A of this bulletin. If the part is defective, replace it as described in PART B.

## MATERIAL

Order the following part **if necessary**:

Part No.	Description	Qty
300496	Pivots mounting plate	1

<i>NOTE</i>
<i>Material can be obtained through regular channels.</i>

# PROCEDURE

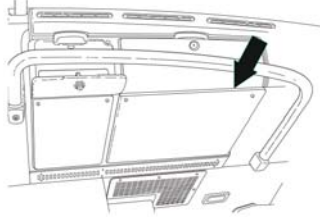
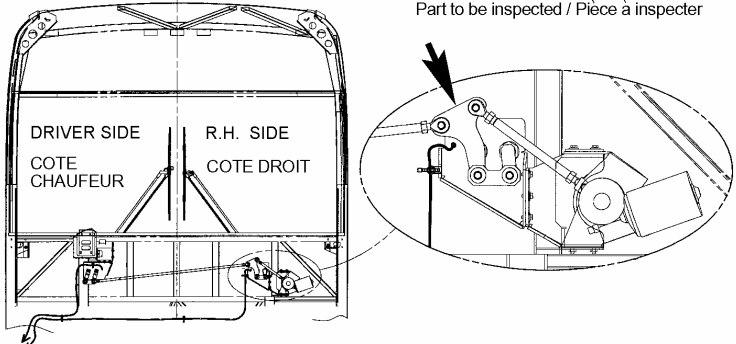
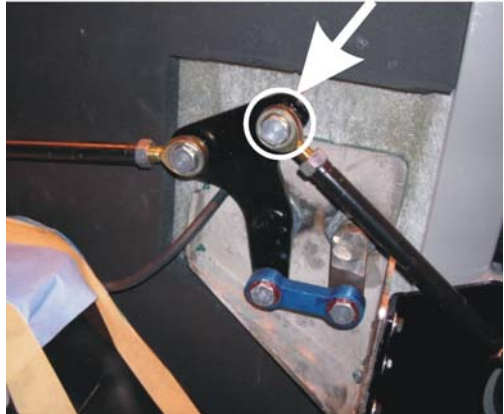
## PART A – INSPECTION

**⚠ WARNING ⚠**

Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

**⚠ CAUTION ⚠**

Before proceeding to the inspection of the windshield wipers mechanism, make sure the wiper motor is in the stop position. Set the ignition switch to the OFF position.

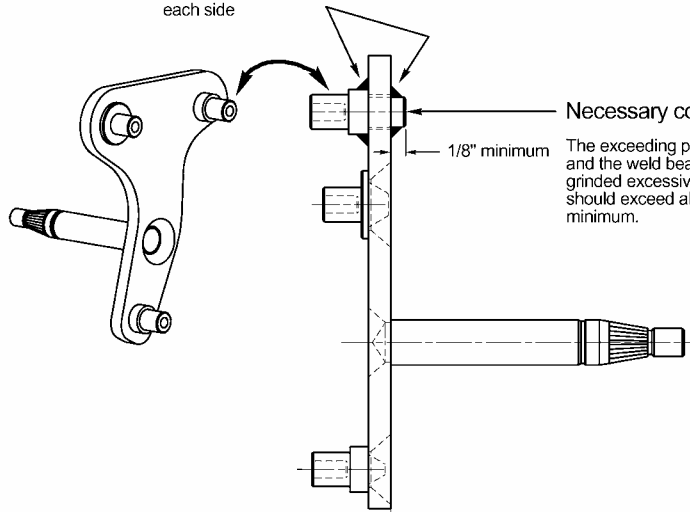
<p>1. To gain access to the wipers mechanism, remove the driver's HVAC unit access panel.</p>	
<p>2. Locate the pivots mounting plate on the wipers mechanism (see figure at right).</p>	
<p>3. The pivot which has to be inspected is indicated on the picture at right.</p>	

4. Using a flashlight and a small mirror, check if the pivot weld beads are up to the standards of quality by ensuring that the following necessary conditions are satisfied.

- Pivot must be welded on both sides. If one weld bead is missing, replace the part.
- Even if the pivot is welded on both sides, the exceeding part of the pivot must not be grinded excessively. If the exceeding part is grinded too much, and there is not enough welding left, replace the part.

Necessary condition #1

There must be a weld bead of at least 1/8" each side



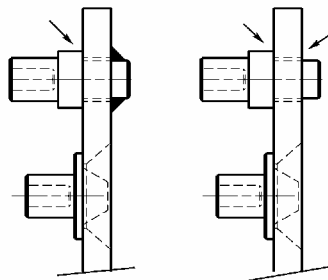
Necessary condition #2

The exceeding part of the pivot and the weld bead must not be grinded excessively. So, this part should exceed about 1/8" minimum.

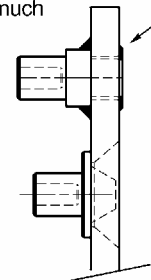
Part is not up to the standards of quality and must be replaced in the following cases (see figure at right).

Replace part if:

One or both weld beads are missing



The exceeding part of the pivot and the weld bead are grinded too much



## PART B – REPLACEMENT

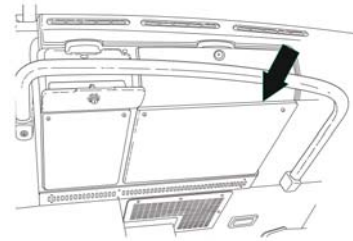
### WARNING

Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

### CAUTION

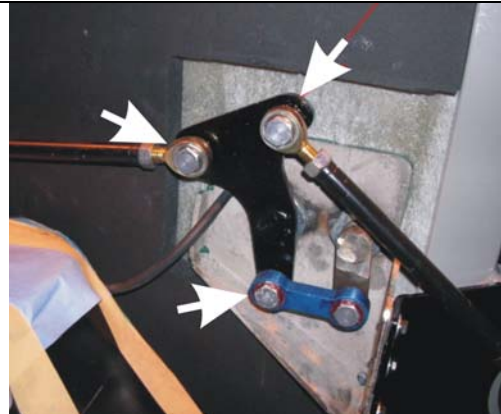
Before proceeding to the inspection of the windshield wipers mechanism, make sure the wiper motor is in the stop position. Set the ignition switch to the OFF position.

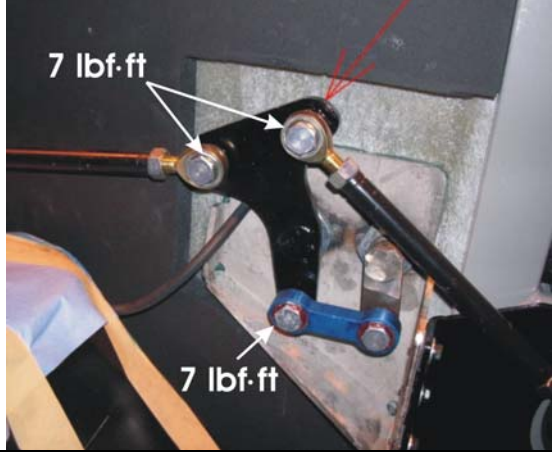
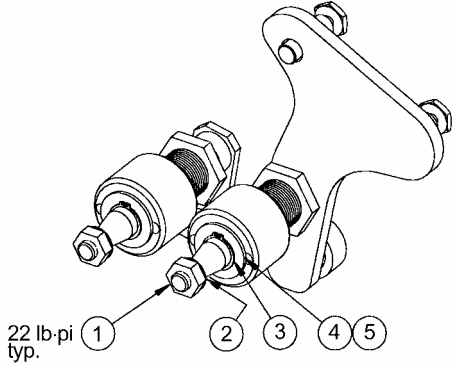
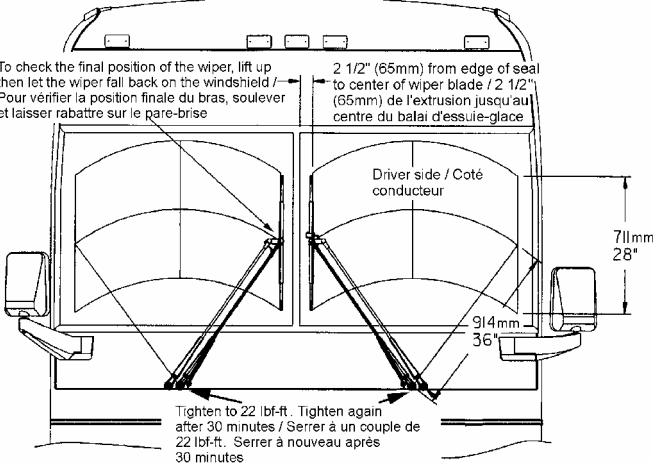
1. Remove the driver's HVAC access panel to gain access to the wipers mechanism.
2. Remove the dashboard cover to ease access to the mechanism.



3. Remove the wiper arm and blade assembly on the R.H. side of vehicle only.
  - a. Using a small screwdriver, pry off the clamping nut covers.
  - b. Unscrew clamping nut securing wiper arm to the splined shaft.
  - c. IMPORTANT: Mark the relationship of the wiper arm head to the end of the splined shaft to ensure the wiper arm to be reinstalled in the original position.
  - d. Disconnect the windshield washer tubing at the base of the wiper arm.
  - e. Remove the external retaining ring.

4. Inside the vehicle, unfasten linkages from the pivots mounting plate (pointed with arrows).
5. Remove the pivots mounting plate.
6. Install new pivots mounting plate (Prevost #300496) after having applied red grease #680739 on all pivots.



<p>7. Inside the vehicle, fasten linkages to the pivots mounting plate (see picture at right).</p>	 <p>A photograph showing the wiper linkage assembly being fastened to a pivot mounting plate. Two torque specifications are indicated with arrows: '7 lbf-ft' for the top pivot and another '7 lbf-ft' for a lower pivot.</p>
<p>8. Reinstall wiper arms to their original position by aligning the marks made during removal. Do not forget to reinstall the O-ring (item #5).</p> <p>#1 : clamping nut  #2 : lock washer  #3 : external retaining ring  #4 : flat washer  #5 : O-ring</p>	 <p>An exploded view diagram of the wiper arm assembly. It shows the wiper arm, a clamping nut (#1), a lock washer (#2), an external retaining ring (#3), a flat washer (#4), and an O-ring (#5). A torque specification of '22 lb-pi typ.' is shown next to the clamping nut.</p>
<p>9. Before positioning the wiper at its final position, tighten the nut to 9 lbf-ft (12 N·m) at first. To find the final position of the wiper arms, lift then release the wiper arms so they fall back on the windshield.</p> <p>10. When the final position is found, tighten the wiper arm nuts to 22 lbf-ft (30 Nm).</p> <p>11. Wait 30 minutes and tighten again to 22 lbf-ft. Reinstall the clamping nut covers and connect the windshield washer tubing at the base of the wiper arms.</p> <p>12. Check the adjustment on a wet windshield. In order to obtain proper sweep adjustment, it may be necessary to remove, reposition the wiper arms and perform steps 9, 10 &amp; 11.</p> <p>13. Reinstall the dashboard cover and the driver's HVAC unit access panel.</p>	 <p>A diagram of a vehicle windshield showing the wiper arms and blades. It includes the following text and dimensions:</p> <ul style="list-style-type: none"> <li>Top left: "To check the final position of the wiper, lift up then let the wiper fall back on the windshield / Pour vérifier la position finale du bras, soulever et laisser rabattre sur le pare-brise"</li> <li>Top right: "2 1/2" (65mm) from edge of seal to center of wiper blade / 2 1/2" (65mm) de l'extrusion jusqu'au centre du balai d'essuie-glace"</li> <li>Center: "Driver side / Côté conducteur"</li> <li>Right side: "711mm / 28"</li> <li>Bottom right: "914mm / 36"</li> <li>Bottom center: "Tighten to 22 lbf-ft. Tighten again after 30 minutes / Serrer à un couple de 22 lbf-ft. Serrer à nouveau après 30 minutes"</li> </ul>

## **WARRANTY**

The inspection is covered by Prevost Car's normal warranty. We will reimburse you a quarter of an hour (0.25) of labor upon receipt of a completed A.F.A. form on which you must specify as per "Warranty Bulletin 06-05A **PART A**".

The replacement is covered by Prevost Car's normal warranty. We will reimburse you the parts and one hour (1.0) of labor upon receipt of a completed A.F.A. form on which you must specify as per "Warranty Bulletin 06-05A **PART B**".

### **Parts / Waste disposal:**

Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)
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