



# Recall Campaign

NHTSA#: 12V-312

Job Code: 9901104

Flat Rate: RC001-Inspect only 0.1 hour

TC#: 2012-195

RC013-Inspect & Repair 0.5 hour

---

---

**REQUIRES PARTS TO BE ORDERED FROM Entegra for every unit.**

---

---

**ACTION REQUIRED:**

Replace driver and passenger windshield wiper shaft

**MODELS / UNITS:**

**2011 ASPIRE CLASS A MOTOR HOMES**

40SKT **B13C**8075-8077

42DL **B13E**8065-8067

**2011 ANTHEM CLASS A MOTOR HOMES**

42DL **B14E**8063

44SL **B14X**8058

**2012 ASPIRE CLASS A MOTOR HOMES**

40DRQ **C13A**8051-8058

40SKT **C13C**8051-8058

42RB **C13G**8051

42DEQ **C13H**8051-8070

42DLQ **C13L**8051

42RBQ **C13N**8051-8106

42DLQ **C13T**8051-8073

**2012 ANTHEM CLASS A MOTOR HOMES**

44DLQ **C14D**8051-8052

42RBQ **C14N**8051-8068

42DLQ **C14T**8051-8059

44SL **C14X**8051-8057

**2012 CORNERSTONE CLASS A MOTOR HOMES**

45DLQ **C16D**8057-8059

42RBQ **C16F**8051-8059

**2013 ASPIRE CLASS A MOTOR HOMES**

42DEQ **D13H**8051-8058

42RBQ **D13N**8051-8067

42DLQ **D13T**8051-8053

**2013 ANTHEM CLASS A MOTOR HOMES**

44DLQ **D14D**8051-8058

42DEQ **D14H**8051

42RBQ **D14N**8051-8080

42DLQ **D14T**8051-8057

44SL **D14X**8051-8054

**2013 CORNERSTONE CLASS A MOTOR HOMES**

45J **D16J**8051-8056

45K **D16K**8051-8054

**KIT CONTENTS**

**12V-312E**

**Note: Kit can only be ordered using the order form included with this bulletin.**

(1) Driver side wiper shaft replacement

(1) Passenger side wiper shaft replacement

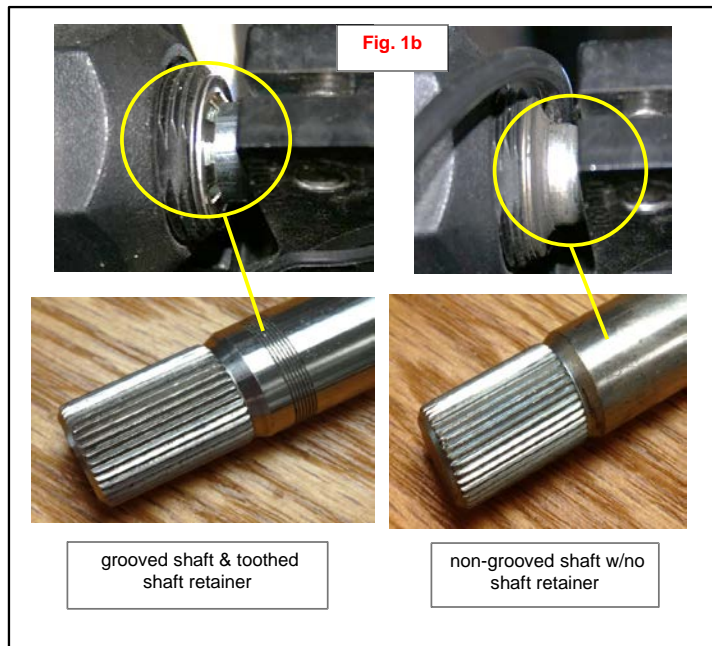
**TOOLS/MATERIAL REQ:**

5mm Allen wrench

10mm socket wrench

## INSTRUCTIONS

1. Inspect the wiper unit to determine if it requires being changed. The following criteria should be used to determine if the wiper should be replaced:
  - ~Systems with Anco arms should not be changed (**Fig. 1a**).
  - NOTE:** The Anco system uses a tapered knurl shaft and should not be replaced.
  - ~Systems with a shaft (annular) grooves and tinnerman (toothed) shaft retainer should not be changed (**Fig. 1b**).



2. Disconnect the fluid hose. Using the 5mm Allen wrench, remove the wiper arm.



3. Using the 10mm socket, remove the nut from the inside wiper mechanism (accessed through the front access door). Remove the (spherical) washer and wiper connection. The nut should be set aside to use on the new shaft.



4. Remove the wiper shaft from the inside. It may be necessary to lightly tap on the outside end of the shaft to get it started. Make sure the interior and exterior seal remains in place when the shaft is removed (**Fig 4a**).
- NOTE:** Your system may be equipped with an O-ring OR a lip sealed bearing (**Fig. 4b**).



- Making sure you have the correct shaft (passenger on passenger side etc.) put and O-ring on the new shaft (Fig 5a.). Install the new shaft from the inside. Once the shaft is in place install the thrush ring and the tinnerman on the shaft (Fig. 5b).

**NOTE: The tinnerman should be installed so the teeth are angled out (away from the unit)**



Fig. 5a

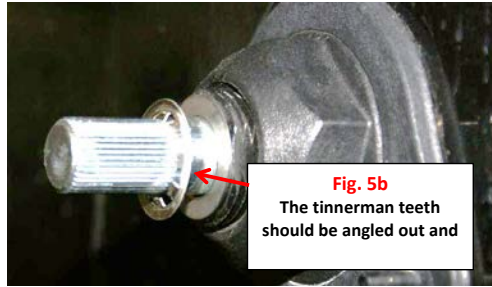


Fig. 5b  
The tinnerman teeth should be angled out and

- Push in on the tinnerman ring until it "clicks" and is fully seated. This can be done using a 3/4" tube or deep socket. The tinnerman teeth tinnerman teeth should seated in the same groove. Push and pull on the shaft to confirm there is no more the 1mm of movement in or out. If movement exceeds 1mm, push in on the tinnerman securing it until the 1 mm requirement is achieved.



- Install the original (spherical) washer and the new nut on the shaft (inside) (Fig. 7a).

**NOTE: Be sure the brass ball is installed in the link being re-attached (Fig. 7b).**



Fig. 7b

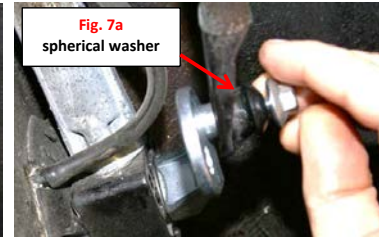


Fig. 7a  
spherical washer

- Tighten the nut to 5 foot-pounds.



- Put the wiper arm back into place and tighten to 12 foot-pounds with an Allen wrench. Reconnect the fluid hose bringing it clockwise around the wiper base (this allows for wiper movement).



- Repeat the process on the other side.
- Run the wipers to make sure they are correctly positioned.