

# Foretravel

unihome

## SERVICE BULLETIN

unicoach

**Date: 01/14/04**

**Subject: NHTSA Recall-Window Wiper Technology 04 Spindle Shaft**

**Bulletin Number: R04V031**

**Publishing Number: 89**

Foretravel Inc. and B, Hepworth Co., LTD. has initiated a NHTSA Recall Campaign that involves a limited number of 2004 year model 270/295/320 Foretravel Unicoach and GrandVilla motorhomes. The spindle shaft of the wiper assembly may come loose from the crank rod and possibly causing loss of vision.

We are in the process of checking some early 2004 Window Wiper Technology Spindles on our wiper assemblies. We will be checking for batch # 7240 these units have a possibility of the weld not making good penetration. Units with batch numbers other than 7240 are good. We are only looking at the first four digits of the batch #.

We will include instructions for checking the batch # and motor homes involved.

Identifying the batch # should be fairly simple.

Gauge hood, left side and center dash panel covers will have to be removed; some units will have a vertical piece for electric visors that will have to be removed. Uprights at corners of dash must be removed. With flashlight, looking at left front opening of spindle shaft one should see a identification label on the wiper assembly plate steel next to drivers side spindle assembly.

If not at this location then label with batch # will be on bracket next to motor.

Check for proper batch #, if any other # than 7240 appears no action is needed.

If # 7240 appears you must replace both spindles.

- 1-Remove nut covers and nuts on wiper arm assembly (large nuts only, one per side)
- 2-Remove arms from splodic shaft, allowing wipers to hang on existing arm.
- 3-From inside of coach remove snap ring from spindle shaft and rod end shaft. With two flat blade screwdrivers carefully pry rod end off of spindle shaft.
- 4-Remove snap ring on exterior side of shaft.
- 5-Loosen 1 5/16 inch nut on spindle bushing (inside)
- 6-Lubricate threads before attempting to loosen.
- 7-Loosen nut all the way off of threads.
- 8-From outside of coach remove weather covers that cover exterior nut, do the same to passenger side.
- 9-At this time you will need to remove passenger side exterior nut, taking this nut and using it as a jam nut on the driver side. Once nut is on driver side, you may start removing the spindle bushing. This bushing will have to be removed to allow clearance for removal of spindle shaft (driver side only).
- 10-Remove spindle shaft it will have large nut and washer spring on it.
- 11-Install new washer spring and nut on new shaft.
- 12-Install new spindle shaft through steel plate and fiberglass.
- 13-Install stainless steel washer and rubber washer on threaded bushing.
- 14-Install threaded bushing through fiberglass and start threading through plate steel, start back up nut. Tighten outside nut until rubber washer starts expanding from under large stainless washer.
- 15-Tighten large nut on inside firmly.
- 16-Remove jam nut from bushing and install back to passenger side.
- 17-Install new o-ring and washers previously removed, once in place install new snap ring from outside to hold shaft in place. Check shaft end play for proper tension of O-ring weather Pac (1/8" movement maximum).

- 18-Passenger side removal process.
- 19-Remove snap ring from spindle and rod end shaft. With two flat blade screwdrivers carefully pry rod end off of spindle shaft.
- 20-Remove exterior snap ring washers and o-ring.
- 21-Push spindle shaft to inside of coach, removing old assembly.
- 22-Install new shaft and spring washer.
- 23-Install new o-ring and washers on outside of coach.
- 24-Install new snap ring, checking for proper tension of o-ring weather Pac as previously described.
- 25-Once all repair checks have passed inspection, make sure wiper motor is in park position.
- 26-Now install shaft rod ends onto driver and passenger spindle shafts. Note: Driver side spindle shaft will be in the up position (1-0-clock) passenger side will be in the down position (5-0-clock).
- 27-Install exterior weather covers.
- 28-Install wiper arms on driver and passenger shafts (no more than 3 inches from center of windshield rubber).
- 29-Torque nuts on arms to 30 foot/pounds.
- 30-Water and performance test should be performed at this time. If wipers operate properly and do not touch windshield rubber, locate identification label and mark **OK on the label.**
- 31- You may reassemble interior dash components.

Part #: 04 spindle

Flat rate code: RC4VO31

Flat rate time: .8 for check only

Flat rate replacement time: 7.5 both sides

If you have any questions please call James Trina @ 800-955-6226 extension 259 or Donnie Arriola @ extension 266.

**Date: 02/09/04**

**Subject: NHTSA Recall-Villa Seat Belt Bolt Replacement**

**Bulletin Number: R04V040**

**Publishing Number: 90**

Villa International of Anaheim, California has initiated a NHTSA Recall on the driver and passenger seats on 60, 2004 year model U270, U295 and U320 (**Unit # Range 6234-6295**) Foretravel motor homes due to possible failure of the seat belt buckle bolt used to attach the buckle to the frame.

The recall will consist of removing the seat belt buckle bolt on both the driver and passenger seats. A bushing will be placed on the grade 5 bolt used to attach the seat belt buckle to the frame.

Any stock coaches at your dealership **must** have this recall to be performed before any new coach is delivered to a customer.

Villa will be notifying our customers as well as supply the parts and reimburse for the labor. Parts can also be obtained through the Foretravel parts distribution center.

Included with this bulletin is a part kit # and instruction sheet.

**Parts Kit #: Hwarekit01**

**Instruction Sheet**

**NHTSA Recall-Villa Seat Belt Bolt Replacement**

**Flat rate code: R04V040**

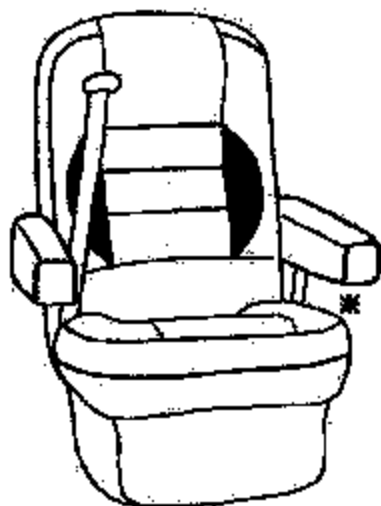
**Flat rate time: .3**

If you have any questions please call James Triana or Donnie Arriola at 1-800-955-6226  
Extension 259 or 266

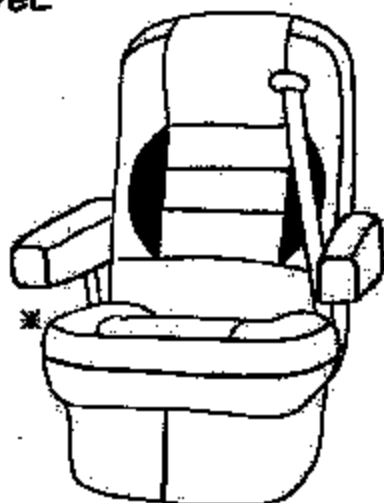
CO-PILOT

PILOT

FORSTRAVEL



\* BELT BUCKLE \*



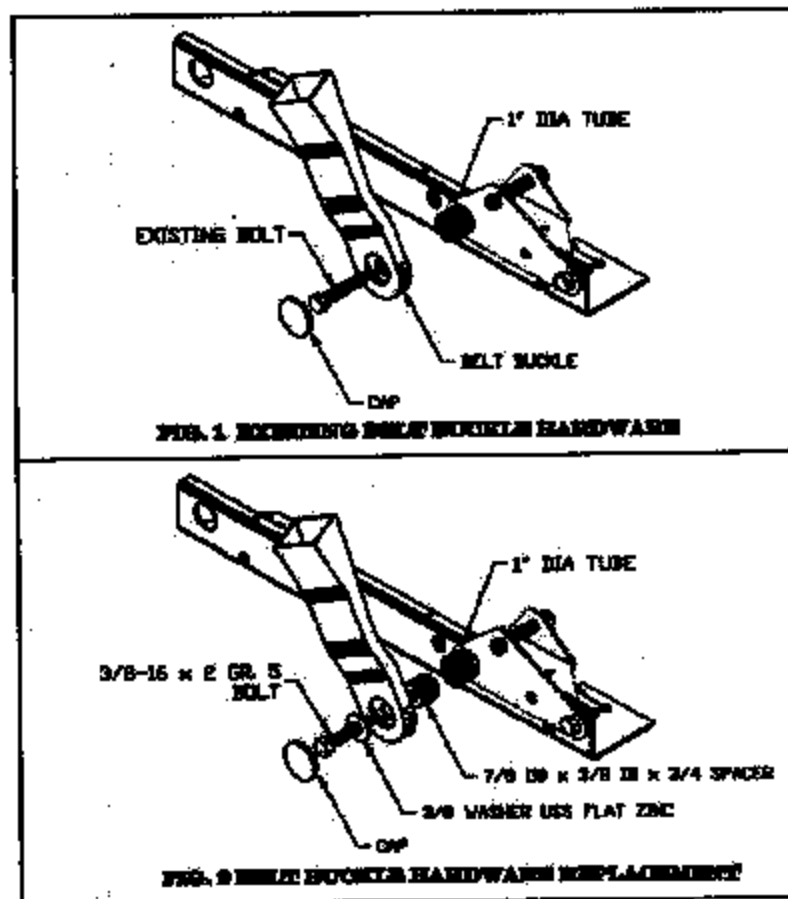
**TOOLS REQUIRED:**

- TORQUE WRENCH
- 9/16 SOCKET

**INSTRUCTIONS TO REPLACE BELT BUCKLE HARDWARE**

1. LOCATE BELT BUCKLE, I.E. RIGHT SIDE OF THE VEHICLE, SEE ABOVE FIGURES. BELT BUCKLE LOCATION INDICATED BY AN ASTERISK (\*).
2. TAKE OUT THE CAP AND LOOSEN EXISTING BOLT TO REMOVE BELT BUCKLE, SEE FIG. 1.
3. INSERT 7/8 ID x 3/8 OD x 3/4 SPACER INTO 1" DIA. TUBE; SEE FIG. 2.
4. RE-INSTALL BELT BUCKLE, WITH 3/8 USS FLAT WASHER ZINC & 3/8-16 x 2 GRADE 5 HEX BOLT. SEE FIG. 2.
5. TIGHTEN BOLT TO 30 FT. LBS. PUT CAP BACK ON.

NOTES UNLESS OTHERWISE SPECIFIED



<p><b>INCHES</b></p> <p>1 1/2</p> <p>1</p> <p>3/4</p> <p>1/2</p> <p>3/8</p> <p>1/4</p> <p>3/16</p> <p>1/8</p> <p>1/16</p>		<p>APPROX. 1/2</p> <p>1/4</p> <p>1/8</p> <p>1/16</p>	<p><b>VILLA</b></p> <p>U.S. COMPANY OF VILLAS, INC.</p> <p>10000 W. 10TH AVE. DENVER, CO 80202</p>
<p>NEXT SIZE</p> <p>USED ON</p>	<p>APPROX. 1/2</p> <p>1/4</p> <p>1/8</p> <p>1/16</p>	<p>1/2</p> <p>1/4</p> <p>1/8</p> <p>1/16</p>	<p><b>BELT BUCKLE HARDWARE KIT</b></p> <p>REPLACEMENT FOR FORSTRAVEL</p> <p>31</p> <p><b>BH-FIRETRAVEL</b></p>
<p>APPLICATION</p>	<p>DO NOT SCALE PRINT</p>	<p>DATE</p>	<p>REV. 1/81</p>

# INDEX TO FORETRAVEL SERVICE BULLETINS

Foretravel of Texas, Inc.

## FLAT RATE CODE "A" - INTERIOR

BULLETIN #	PUBLISHED #	DATE	SERVICE BULLETIN TITLE
A001309.001	29	08-23-99	System Monitor Holding Tank Readings
A005100.001	02	08-07-95	Dometic Roof Air Conditioners
A007000.001	50	7-17-01	Compartment Vent Fan
A008120.001	71	05-14-02	Proper paper use in Sealang Vacuflush and Traveler Toilets
A010100.001	21	08-03-98	Installation of Satellite System
A010100.002	23	11-24-98	Auto Stow Feature on Datron 3000
A010100.003	57	08-14-01	Overheating of Sony Receiver / Access Card
A011000.001	46	05-25-01	Latching Dash Pullout Table
A012000.001	06	05-06-96	Access to W/S Wiper Motor on Unicoaches
A012000.001	32	01-11-00	Tag Dump Switch Wiring
A012000.002	05	05-07-96	C.B. Radio Interference
A012000.003	11	11-13-97	Dash Solenoid Failures
A012000.004	20	09-28-98	Ignition Solenoids
A012000.005	49	7-17-01	Dim A.B.S. Light
A012070.001	61	9-21-01	VDO (B.A.I. Control Module Replacement)
A012088.001	09	07-03-98	Ground Strap
A013000.001	53	7-17-01	Rear View Camera Change
A013003.001	36	08-30-00	Javelina Audit Monitor Replacement
A013024.001	15	03-26-98	Alarm Module Beeping in Rain
A014000.001	24	01-05-99	S.G.M. Dash Heat Control
A014000.002	40	12-14-00	Removal of Low Side Pressure Switch - SGM
A014000.003	68	03-11-02	SGM (K0226 Low Speed Reduction Retrofit)
A015200.001	13	01-13-98	Aqua Hot Zone Pump Failures
A015200.002	72	04-29-02	Aqua Hot Antifreeze Change
A015202.001	59	09-06-01	Aqua Hot Nozzle Changes and Pressure Setting
NHTSA Recall #R04V040	90	02-09-04	Recall - Villa Seat Belt Bolt Replacement

## FLAT RATE CODE "B" - EXTERIOR

BULLETIN #	PUBLISHED #	DATE	SERVICE BULLETIN TITLE
B001000.001	26	01-05-99	Latching Relay Retrofit
B003100.001	31	11-15-99	Isuzu Coolant Hose Upgrade
B003100.002	33	01-18-00	Adjust BCM Potentiometer
B003100.003	34	02-01-00	Preheat Settings for Dyna-Gen <sup>®</sup> Module
B003100.004	36	10-27-00	Isuzu Remote Control Box Update
B003100.005	68	09-13-01	Coolant Fill / Refill Procedure for 2002 Powertech Gensets
B004000.001	64	10-01-01	Black Tank Flush System
B004000.002	66	11-29-01	Service Procedures for Drain Master Electric Dump Valves
B008000.001	51	7-17-01	Unicoach Windshield Width
B006032.001	44	03-16-01	Installation of Windshield Velcro
B007000.001	04	05-08-96	Water Leaks Into Bottom Step at Entry Door
B008020.001	03	01-08-96	Touch Light Controls
B008020.002	07	07-02-96	Touch Light Control
B009050.001	52	7-17-01	Gelcoat Change
B010000.001	47	06-12-01	Zip-Dee Awning Control Box Light Designations
B010000.002	82	9-24-01	Zip-Dee AutoAwn Anemometer
NHTSA Recall #02V-025	67	2-5-02	Safety Recall Replacement of Wiper Crank Arm
NHTSA Recall #R03V-222	87	10-22-03	Recall - Window Wiper Technology Motor Mount Bolts
NHTSA Recall #R04V031	89	01/14/04	Window Wiper Technology 04 Spindle Shaft

**FLAT RATE CODE "M" - MAINTENANCE**

BULLETIN #	PUBLISH #	DATE	SERVICE BULLETIN TITLE
M001034.001	30	08-30-99	Lubrication
M001034.002	43	02-28-01	Lubrication of Air Disc Brakes
M001063.001	81	08-26-02	Service Allison Transmission 6 Speed (3000/4000)

**FLAT RATE CODE "I" - INSTALLATION**

BULLETIN #	PUBLISH #	DATE	SERVICE BULLETIN TITLE
I001044.001	18	05-05-98	Transmission Retarder Lever

**FLAT RATE CODE "PI" - PRODUCT IMPROVEMENT**

BULLETIN #	PUBLISH #	DATE	SERVICE BULLETIN TITLE
PI00041	55	08-08-01	Haldex / Meritor Relay Valve Replacement
PI00042	69	03-20-02	HWH hose replacement on 2002 room ext. w/ Synflex hoses
PI00048	74	04-18-02	Vehicle Systems Fuel Pump Fix-as-Fall Campaign
PI00055	73	08-03-02	HWH 12v Compressor
PI00055	76	08-03-02	HWH 12v Compressor Update
PI00056	79	08-02-02	Inverter Compartment Fan Relocation
PI00057	80	08-06-02	PRX Module Upgrade
PI00057A	83	11-14-02	PRX Module Upgrade (Revision)
PI00059	82	10-21-02	Sealand Toilet Circuit Boards and Flex Hose Kits
PI00080	84	12-10-02	Wiring Surge Suppressor Module for SGM
PI00061	86	08-12-03	Aqua Hot Recovery Bottle Hose Routing