

# PREVOST®

06V-214  
(7 Pages)

## Safety Defect and Noncompliance Report Guide for Vehicles PART 573 Defect and Noncompliance Report<sup>(1)</sup>

On May, 2006, Prevost Car decided that a defect which relates to motor vehicle safety exits in the motor vehicles listed below, and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573 Defect and Noncompliance Reports.

Date this report was prepared: June 9, 2006

Furnish the manufacturer's identification code for this recall (if applicable): SR06-07

1. Identify the full corporate name of the fabricating manufacturer of the vehicle being recalled. If the recalled vehicle is imported, provide the name and mailing address of the designated agent as prescribed by 49 U.S.C. §30164.

Prevost Car Inc.

Identify the corporate official, by name and title, whom the agency should contact with respect to this recall.

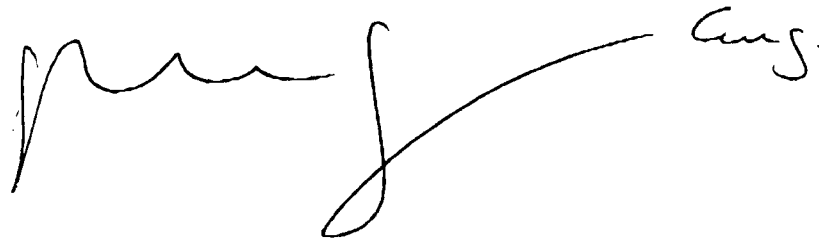
Telephone Number: 418 831-5432 ext : 247 Fax No.: 418 831-9301

Name and Title of Person who prepared this report.

Josyane Côté Eng.

Prevost Publication Manager and Technical Representative

Signed:



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## I. Identify the Vehicle Models Involved in the Recall

2. Identify the Vehicles Involved in the Recall, for each make and model or applicable vehicle line (provide illustrations or photographs as necessary to describe the vehicle), provide:

Make(s): Model Years Involved: Model(s): H3-45VIP

Production Dates: Beginning: 2004 Ending: 2005

### Vehicle VIN numbers

Modèle	VIN
H3-45VIP Motor home 2004 & 2005	From 2PCV3349641014793 up to 2PCV3349851010116

Vehicle Type: H3-45VIP Motor Homes

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall: All H3-45VIP vehicles produced in that range are included in the recall. Except those with front rigid axle.

Identify the approximate percentage of the production of all the recalled models manufactured by your company between the inclusive dates of manufacture provided above, that the recalled model population represents. For example, if the recall involved Widgets equipped with certain items of equipment from January 1, 1996 through April 1, 1997, then what was the percentage of the recalled Widgets of all Widgets manufactured during that time period.

100 %

Make(s): Model Years Involved: Model(s): XLII -45 MTH, XLII-45 Coaches and XLII-45Entertainers equipped with Front Independent Suspension.

Production Dates: Beginning: 2004 Ending: 2005

### Vehicle VIN numbers

Modèle	VIN
XLII-45Mth, XLII-45 & XLII-45 Ent. 2004 & 2005	From 2PCY3349741028215 up to 2PCY3349951028539

Vehicle Type: XLII-45Mth, XLII-45, XLII-45Ent.

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall: All XLII vehicles equipped with Front Independent Suspension produced in that range are included in the recall.

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Identify the approximate percentage of the production of all the recalled models manufactured by your company between the inclusive dates of manufacture provided above, that the recalled model population represents. For example, if the recall involved Widgets equipped with certain items of equipment from January 1, 1996 through April 1, 1997, then what was the percentage of the recalled Widgets of all Widgets manufactured during that time period.

94% XLII-45Mth, XLII-45, XLII-45Ent

92% VIP

## II. Identify the Recall Population

3. Furnish the total number of vehicles recalled potentially containing the defect or noncompliance.

Number of Vehicles 459

Model Year Potentially Involved 2004 and 2005

Total Number Potentially Affected by the Recall:

8 vehicles

4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance:

2 %

Identify and describe how the recall population was determined--in particular how the recalled models were selected and the basis for the beginning and final dates of manufacture of the recalled vehicles:

The recall population was determined by parts production dates, delivery dates and inventory data. Installation dates have been identified at Prevost Car Inc for these specific parts and then related to the vehicle serial numbers. Only vehicles having that specific part are recalled.

## III. Describe the Defect or Noncompliance

5. Describe the defect or noncompliance. The description should address the nature and physical location of the defect or noncompliance. Illustrations should be provided as appropriate.

PREVOST CAR INC.  
MANUFACTURIER D'AUTOCARS • HIGHWAY COACH MANUFACTURER  
SAINTE-CLAIRE, QUÉBEC, CANADA, G0R 2V0 • TÉL.: (418) 883-3391  
FAX: ACH./PUR. (418) 883-2145 • FAX: ADM. (418) 883-4157

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See following PDF document (item 20)



This shaft is an important component of the steering system. When it brakes, the steering is out of control.

**Describe the cause(s) of the defect or noncompliance condition.**

Overheat at the forging process has significantly weakened the shaft material. There are two of these parts in the steering system.

**Describe the consequence(s) of the defect or noncompliance condition.**

The steering system is out of control.

**Identify any warning which can (a) precede or (b) occur.**

No warning can be notified from the driver before the shaft breaks. However, the majority of the failure if not all will happen in a parking type manoeuvre, at very low speed.

**If the defect or noncompliance is in a component or assembly purchased from a supplier, identify the supplier by corporate name and address.**

Welland Forge  
po box 216, Centre street  
Welland, ontarion L3B 5P4  
Canada  
905-714-4135  
ssmith@wellandforge.com

**Identify the name and title of the chief executive officer or knowledgeable representative of the supplier:**

Shane Smith, President

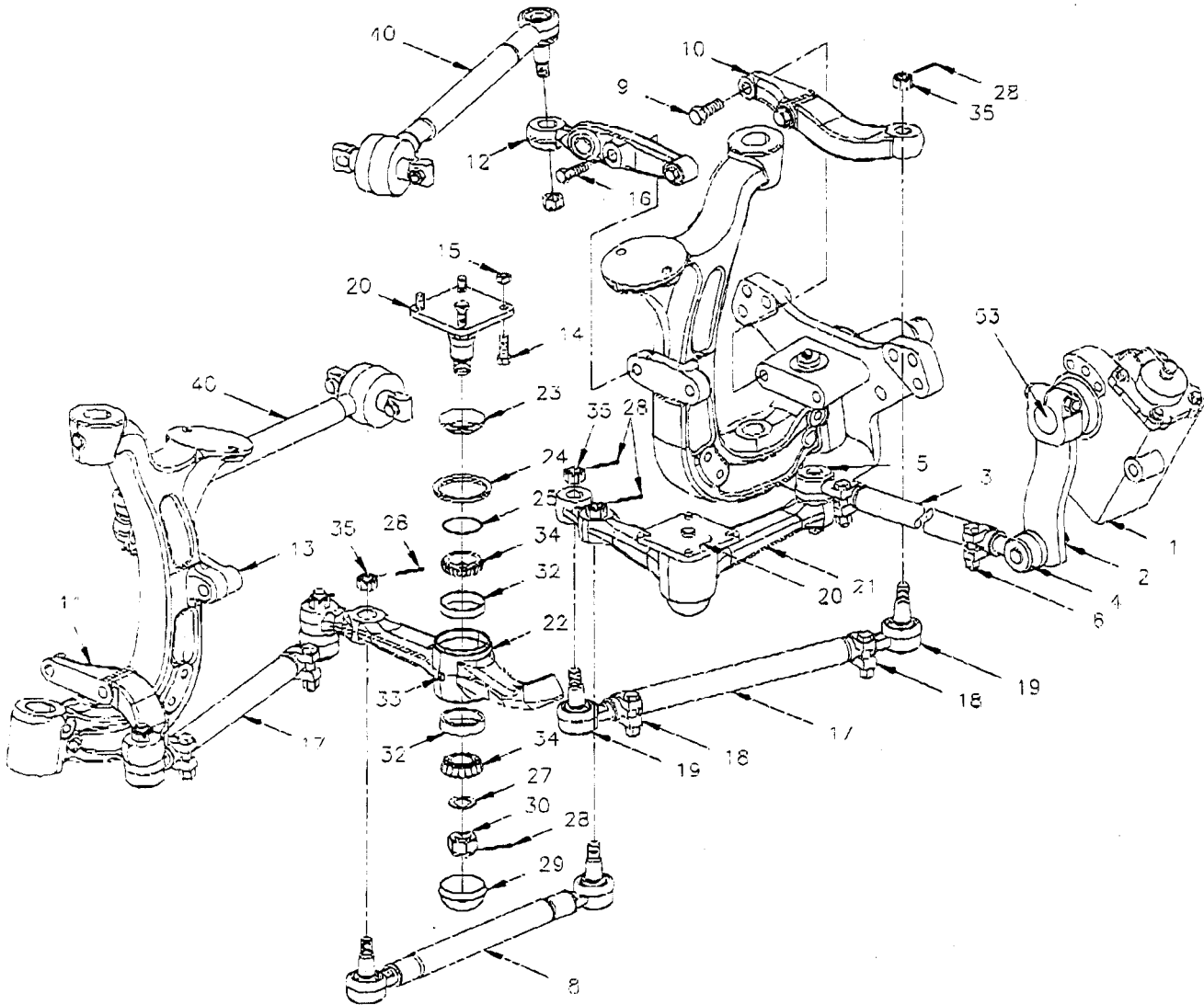
## **IV. Provide the Chronology in Determining the Defect/Noncompliance**

*If the recall is for a defect, complete item 6, otherwise item 7.*

**6. With respect to a defect, furnish a chronological summary (including dates) of all the principle events that were the basis for the determination of the defect. The summary should include, but not be limited to, the number of reports, accidents, injuries, fatalities, and warranty claims.**



From 4-4758	DATE: 04/2006	PAGE: HF-1410-51
STEERING RODS - INSTALLATION W/INDENPENT "NDIFS80P" / 18000LBS		





From 4-4758		DATE: 04/2006	PAGE:	HF-1410-51		
STEERING RODS - INSTALLATION W/INDENPENT "NDIFS80P" / 18000LBS						
ITEM	PART	DESCRIPTION	H 3 4 1	H 3 4 5	V I P 4 5	N O T E
1	HF-1415-00	STEERING GEARBOX "ZF"				
NS	5001494	SCREW CAP HEX ZP M20 X 1.5 X 45			5	
NS	5001495	WASHER FLAT HARDENED 21 DIA INT.			5	
2	661760	ARM, PITMAN 9" / (PAINTED BLACK)			1	
3	661073	DRAG LINK ASSY / 1044.7 MM C/C			1	
	N.P.N.	.ROD			1	4
4	611458	.END ASSY, TIE ROD / R.H.			1	
4	2005363	.END ASSY, TIE ROD / R.H.			1	S
5	611459	.END ASSY, TIE ROD / L.H.			1	
5	2005362	.END ASSY, TIE ROD / L.H.			1	S
6	660978	.COLLAR			2	
8	661083	ROD ASSY / 591.8MM C/C CENTER			1	
8	611308	SCREW CAP HEX M20X100 (12.9)			1	
9	611306	SCREW CAP HEX M20X65 (12.9)			1	
NS	5001327	SCREW CAP HEX DP M14x80 G10.9			1	
10	163246	STEERING ARM R.H.			1	
11	163468	STEERING ARM L.H.			1	
12	661080	UPRIGHT ARM L.H / W/56 Deg Up to 6-0411			1	
12	661113	UPRIGHT ARM L.H / W/58 Deg From 6-0412			1	
13	661081	UPRIGHT ARM R.H / W/56 Deg Up to 6-0411			1	
13	661114	UPRIGHT ARM R.H / W/58 Deg From 6-0412			1	
14	5001476	SCREW CAP HEX ZP M14x45 G8.8			8	
15	502538	NUT HEX STO ZP M14-2.0			8	
16	611305	SCREW CAP HEX M20X60 (12.9)			1	
16	611307	SCREW CAP HEX M20X80 (12.9)			1	
17	661024	ROD ASSY / 657MM C/C			2	
17	160969	.ROD / 511MM			1	
18	660978	COLLAR			2	
19	611070	.END ASSY, TIE ROD / R.H.			1	
19	2005363	.END ASSY, TIE ROD / R.H.			1	S
19	611071	.END ASSY, TIE ROD / L.H.			1	
19	2005362	.END ASSY, TIE ROD / L.H.			1	S
20	160983	SPINDLE SHAFT			1	
21	161169	LEVER L.H.			1	
22	161170	LEVER R.H.			1	
23	160984	SLEEVE			1	
24	507351	DUST SEAL 3.270 I.D. X 4.085 O.D. / (400850)			1	
25	507350	OIL SEAL / (24897)			1	
27	5001227	WASHER FL 1.193x1.86x.125 TONGUED			1	
28	502115	PIN, COTTER 3/16X2 1/2			1	
29	661014	COVER			1	
30	5001216	NUT HEX CSL M30-1.5			1	
32	507354	BEARING CUP / (32206)			2	
33	501490	GREASE FITTING 1/8 NPT			1	
		4) NO PARTS NUMBER				
		5) SERVICE AFTERMARKET SOME CUSTOMER USE THIS MODEL				

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Since February 2006, we have experienced 2 spindle shaft failures. The affected vehicles are equipped with front independent suspension. Along with the supplier, our engineers have investigated the possible causes of the problem. This part is produced by the same supplier since over 10 years and no failures had happened before. The supplier has revised each step of the shaft fabrication and had determined that the first failure was a one of a kind human error in the fabrication process. A month after a second part failed in very similar circumstances. With this additional information, the root cause of the problem was identified as over heating of the raw material before the forging process. This had negatively changed the molecular structure of the parts and 4 to 5 other parts in the chain of fabrication have been determined critical also. Quickly the decision has been made to create a safety recall. The batch containing those possible defective shafts has been identified and the related coach list has been prepared.

**7. With respect to a noncompliance, identify and provide the test results or other data (in chronological order and including dates) on which the noncompliance was determined.**

N/A

## V. Identify the Remedy

**8. Furnish a description of the manufacturer's remedy for the defect or noncompliance. Clearly describe the differences between the recall condition and the remedy.**

The two spindle shafts and surrounding parts must be replaced.

The supplier has revised his process and implemented a more efficient temperature control.

100% of the stock in process has been also inspected as an addition precaution.

## VI. Identify the Recall Schedule

**Furnish a schedule or agenda (with specific dates) for notification to other manufacturers, dealers/retailers, and purchasers. Please, identify any foreseeable problems with implementing the recall.**

May 25, 2006, decision made to issue a safety recall on the independent suspension spindle shafts.

June 1, 2006, affected spindle shafts batch was identified

June 6, 2006, affected coach list was made.

June 29, 2006, estimated date to send safety recall to customers.