

**PART 573 Defect and Non-Compliance Report
TRW Model 20-EDL Tie Rod End Sockets (5-30-02)**

On 25 July 2002, Chance Coach, Inc. decided that a defect which relates to motor vehicle safety exists in the motor vehicles listed below, and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573, Defects and Non-Compliance Reports.

This report was prepared on 25 July 2002.

Manufacturer's Identificaiton Code for this Recall: Not Applicable

1. Fabricating Manufacturer/Brand Name/Trademark Owner of the Recalled Vehicle

Chance Coach, Inc.
P.O. Box 19140
Wichita, KS 67204-9140

02E-017.003

For further information on this report contact:
Keith Pfannenstiel, P.E.
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AMMENDED

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The person preparing this report is:
Lonnie Skinkis
Publications Manager
P.O. Box 19140
Wichita, Ks 67204-9140

Signed: _____

2. Identification of vehicles(s) with potential defect

Make: Chance Coach
Model Years Involved: 1999 and 2000
Model: AH-28 American Heritage Streetcar (Diesel)
Production Dates: Beginning: 1993 **Ending:** Present
VIN Range: Beginning: 001A **Ending:** 255
Vehicle Type: Diesel
Bodystyle: Not Applicable

Make: Chance Coach
Model Years Involved: 1999 and 2000
Model: AH-28 American Heritage Streetcar (CNG)
Production Dates: Beginning: 1993 **Ending:** 2001
VIN Range: Beginning: 001 **Ending:** 131
Vehicle Type: CNG
Bodystyle: Not Applicable

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Make: Chance Coach
Model Years Involved: 2000
Model: RT-52
Production Dates: Beginning: 1986 **Ending:** 2001
VIN Range: Beginning: 329 **Ending:** 850
Vehicle Type: Diesel
Bodystyle: Not Applicable

Description of Vehicles in Recall Compared to those Not in the Recall: Only the following axle serial numbers are involved in this recall.

NKA00027940	NKA00037184	NKA00049085
NKA00043471	NKA00037182	NKA00049087
NKA00045368	NKA00037181	NKA00049920
NKA00016904	NKA00037180	NKA00049086
NKA00016903	NKA00043468	NKA00045367
NKA00030089	NKA00043469	NKA00045366
NKA00030088	NKA00045370	NKA00045369
NKA00027942	NKA00043467	NKA00008727
NKA00030090	NKA00043466	NKA00037183
NKA00027938	NKA00043470	NKA99076322
NKA00021095	NKA00043472	

Approximate Percentage of the Production of all the Recalled Models:

AH-28 CNG = 6.1%
 AH-28 DIESEL = 8.6%
 RT-52 = 0.12%

3. Total Number of Vehicles Recalled Potentially Containing the Defect:

AH-28 CNG = 8
 AH-28 DIESEL = 22
 RT-52 = 1

Total Number Potentially Affected by the Recall: 31

4. Approximate Percentage of the Total Number of Vehicles Estimated to Actually Contain the Defect: 100%

Determination of Recall Population: By Axle Serial Number

5. Defect Description: Tie rod end ball separation from socket

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Cause of Defect: Premature wear

Consequences of Defect: Loss of steering upon separation

Warning Which Can Occur: None

Corporate Name and Address of the Supplier of Defective Component:

ArvinMeritor
2135 West Maple Road
Troy, MI 48084-7186

Name and Title of CEO or Representative of Supplier:

Marlene Vorhees
Director, Quality

6. Chronological Summary (Defect)

5 Sept, 2000 - Notified by TRW Commercial Steering Systems of TRW 20-EDL Model Ball-sockets Manufactured and sold from 5 July, 1999 thru 3 Oct, 1999. NHTSA Campaign ID Number 00E-047.

12 Nov, 2001 - Notified by ArvinMeritor of potentially defective TRW 20-EDL ball-socket assemblies manufactured and sold to ArvinMeritor from 14 June 1999 thru 1 July 1999, 4 Oct 1999 thru 31 Oct 1999 and 15 May 2000 thru 9 June 2000.

30 May, 2002 - Notified by ArvinMeritor of potentially defective TRW 20-EDL ball-socket assemblies manufactured and sold to ArvinMeritor from 31 Oct 1999 thru 12 May 2000, 12 June 2000 thru 8 Aug 2000 and 15 May 2000 thru 9 June 2000; and that ArvinMeritor incorporated into axles from 31 Oct, 1999 thru 31 May, 2000 and from 12 June, 2000 thru 31 Aug, 2000.

7. Test Reports/Data that Non-Compliance was determined: Not Applicable

8. Manufacturer's Remedy for the Defect - Replacement of potentially defective parts.

Distinguishing Characteristics of the Remedy Component/Assembly Versus the Recalled Component/Assembly: Date codes of potentially defective parts are 9L1, 9L2, 9L3, 9L4, 9L5, 9M1, 9M2, 9M3, 9M4, 0A1, 0A2, 0A3, 0A4, 0A5, 0B1, 0B2, 0B3, 0B4, 0C1, 0C2, 0C3, 0C4, 0D1, 0D2, 0D3, 0D4, 0E1, 0E2, 0F2, 0F3, 0F4, 0G1, 0G2, 0G3, 0G4.

How and When the Recall Condition was Corrected in Production - Inventory was checked and any of the defective date codes were removed.

9. Recall Schedule - All Chance Coach customers will be notified of the ArvinMeritor and TRW recalls and required to inspect their vehicle and tie-rod end inventory for suspect parts. Parts shall be returned per the TRW and ArvinMeritor recalls.