



Corporate Quality – SE 020  
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September 04, 2002

Ms. Kelly Schuler  
National Highway Traffic Safety Administration  
Office of Defects Investigation  
Room 5319  
400 Seventh Street S.W.  
Washington, D.C. 20590

Re: NHTSA File: 02E-017.002 - Second Amendment to September 2000, Defect Information Report, as amended on June 27, 2001, filed in accordance with 49 CFR §573.5, regarding certain Model 20-EDL Ball Sockets Manufactured by TRW and Sold to ArvinMeritor

Dear Kelly,

Per our telephone conversation last Thursday, November 7, 2002. This is to notify that ArvinMeritor has notified General Motors Corporation on October 30, 2002 regarding the above-mentioned subject. An estimated 2727 axles were shipped to GM during the time period Dec 1, 1999 through Jan 31, 2000.

The quantity listed above does not amend the quantity that was previously reported to NHTSA, however, this letter does amend to include GM in "Mailing list A – OEM manufacturers of Line haul vehicles" that was provided part of the 573 notice to NHTSA on May 23, 2002.

Please contact me should you have any questions.

Sincerely

Niran Audimoolam  
Corporate Quality Project Manager

RECEIVED  
NYS-215  
2002 NOV 15 A 11:45  
OFFICE OF  
DEFECTS INVESTIGATION

TRW Model 20-EDL Vehicle PPM Summary

02E-017.002

Blue = Original Campaign		Under Campaign										Red = Expanded ARM Campaign		
Code	# XTubes Shipped	U	F	S	WS	I	V	GM	M	K	P	# Ends Separated	Vehicle %	Vehicle PPM
9F2	4284						2					2	0.05%	466.9
9F3	3859						2					2	0.05%	518.3
9F4	2603	1	2				1			1		5	0.19%	1920.9
9G1	939											0	0.00%	0.0
9G2	3658											0	0.00%	0.0
9G3	3724		5	2			3					10	0.27%	2685.3
9G4	4294											0	0.00%	0.0
9H1	5987						1					1	0.02%	167.0
9H2	3909	1					1					2	0.05%	511.6
9H3	2922											0	0.00%	0.0
9H4	5223											0	0.00%	0.0
9H5	7313	1	1	1			1					4	0.05%	547.0
9J1 *	3115			1	1		1					3	0.10%	963.1
9J2 *	5717		5	5	1					5		16	0.28%	2798.7
9J3 *	4616						3					3	0.06%	649.9
9J4 *	4809											0	0.00%	0.0
9K1	6278						3			1		4	0.06%	637.1
9K2	8578											0	0.00%	0.0
9K3	5227	1	1				2					4	0.08%	765.3
9K4 *	5278		1	2			6		1			10	0.19%	1894.7
9L1	5436		2									2	0.04%	367.9
9L2	4577		1									1	0.02%	218.5
9L3	3809	1				1						2	0.05%	525.1
9L4	2572											0	0.00%	0.0
9L5	5448											0	0.00%	0.0
9M1	5263											0	0.00%	0.0
9M2	4017									2		2	0.05%	497.9
9M3	1886											0	0.00%	0.0
99 Total	125341	5	18	11	2	1	26	0	1	9	0	73	0.06%	582.4

\* Special Manufacturing Cause Date Codes

PPM's are based on TRW 20-EDL OEM Shipment Quantities to ArvinMeritor

Green - Separations reported occurred in Australia (1WS-9J2 & 2K-9M2)

- U = Unknown
- F = Freightliner
- S = Sterling
- WS = Western Star
- I = International
- V = Volvo
- GM = GM
- M = Mack
- K = Kenworth
- P = Peterbilt

0A1	3118																		0	0.00%	0.0
0A2	2826																		0	0.00%	0.0
0A3	4680																		0	0.00%	0.0
0A4	4113																		0	0.00%	0.0
0A5	2800																		0	0.00%	0.0
0B1	3898																		0	0.00%	0.0
0B2	3914																		0	0.00%	0.0
0B3	3757																		0	0.00%	0.0
0B4	4079																		0	0.00%	0.0
0C1	3662																		0	0.00%	0.0
0C2	3707	1		1															2	0.05%	539.5
0C3	4186																		0	0.00%	0.0
0C4	3816																		0	0.00%	0.0
0D1	3353																		1	0.03%	298.2
0D2	2910																		1	0.03%	343.6
0D3	3492			1															1	0.03%	286.4
0D4	3603																		0	0.00%	0.0
0E1	3244	1	1																2	0.06%	616.5
0E2	3776	1	2																4	0.11%	1059.3
0E3 *	3323	2	15	2															36	1.08%	10833.6
0E4 *	3200	3	3																10	0.31%	3125.0
0E5	2495																		0	0.00%	0.0
0F1	2389			2	1														4	0.17%	1674.3
0F2	3866																		0	0.00%	0.0
0F3	3469																		0	0.00%	0.0
0F4	3674																		0	0.00%	0.0
0G1	297																		0	0.00%	0.0
0G2	1767																		0	0.00%	0.0
0G3	3635																		0	0.00%	0.0
0G4	2141																		0	0.00%	0.0
0G5	160																		0	0.00%	0.0
0H1	104																		0	0.00%	0.0
0H2 **	0																		1	0.00%	0.0
Unk-0E?	N/A			4															4	0.00%	0.0
<b>00 Total</b>	<b>99454</b>	<b>8</b>	<b>24</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>17</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>2</b>							<b>62</b>	<b>0.06%</b>	<b>623.4</b>	

\*\* Tie rod off a Dana axle

<b>Overall TOTAL</b>	<b>224795</b>	<b>13</b>	<b>42</b>	<b>15</b>	<b>2</b>	<b>4</b>	<b>43</b>	<b>0</b>	<b>4</b>	<b>10</b>	<b>2</b>							<b>135</b>	<b>0.06%</b>	<b>600.5</b>
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In addition to the 0H2 (M), 1 confirmed 0E4 (M), 9F4 (K), and 9H5 (U) may be on Dana Axles because they are no longer on the separation list TRW gave to ArvinMeritor.

20 are on TRW's or ARM's reported list versus their confirmed list  
 Reported only are in 9F4 (2F), 9K3 (1U), 9K4 (1S), 9L2 (1F), 9L3 (1U+1I), 9M2 (2K)  
 0C2 (1U), 0E1 (1U), 0E2 (1U), 0E3 (4F), 0E4 (2U), and 0F1 (1F).