

**EA02-025**

**FORD**

**10/27/03**

**APPENDIX N DRAWING,**

**Q, S, T, U, V, & W**

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**APPENDIX Q**

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Administrative: David C. Goff, Project Engineer, Lockheed Martin  
 Design: Christopher L. Goff, Design Engineer, Lockheed Martin  
 Date: 08/19/92

Supplier and Plant: Lockheed Martin  
 Part No: 770476  
 Drawing No: 770476

Prepared by: James Eastman  
 Date: 08/19/92

Part Name, Number & Description	Functional Failure Mode	Functional Effects of Failure	Severity	Occurrence	Detection	System Description	U.S. P. No.	Recommended Action	Assigned/Initial Responsibility	Completion Date	ACELC #	Return Label	IS	DO	IS	DO
DIAPHRAGM (770476) Form flexible element of fluid containment structure Prevents pressure from fluid in pressure-containing structure	Fail to contain fluid	Seals fluid leakage	3	1	1	Diaphragm, liquid, and pressure containing structure Material def. under pressure	1	Verify that the "die-casting" of 1 is done on a large amount of fluid expansion or similar products, making sure uniformity in thickness of components.								
	Change in area of pressure transfer over life	Diff. in thickness over life	7	1	1	Diaphragm too stiff Diaphragm material stretched	1	Life testing of alternative thickness of intermediate points								
	Excessive stretch of pressure transfer area over pressure	Excessively high pressure would be obtained from pressure transfer over wide range of conditions due to overstretchability of diaphragm	7	1	1	Diaphragm too stiff Diaphragm material stretched	1	Force and pressure versus deflection testing in actual use reflective mode								

APP Q  
 COPY 2

EXHIBIT NO. 2



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**FORD**

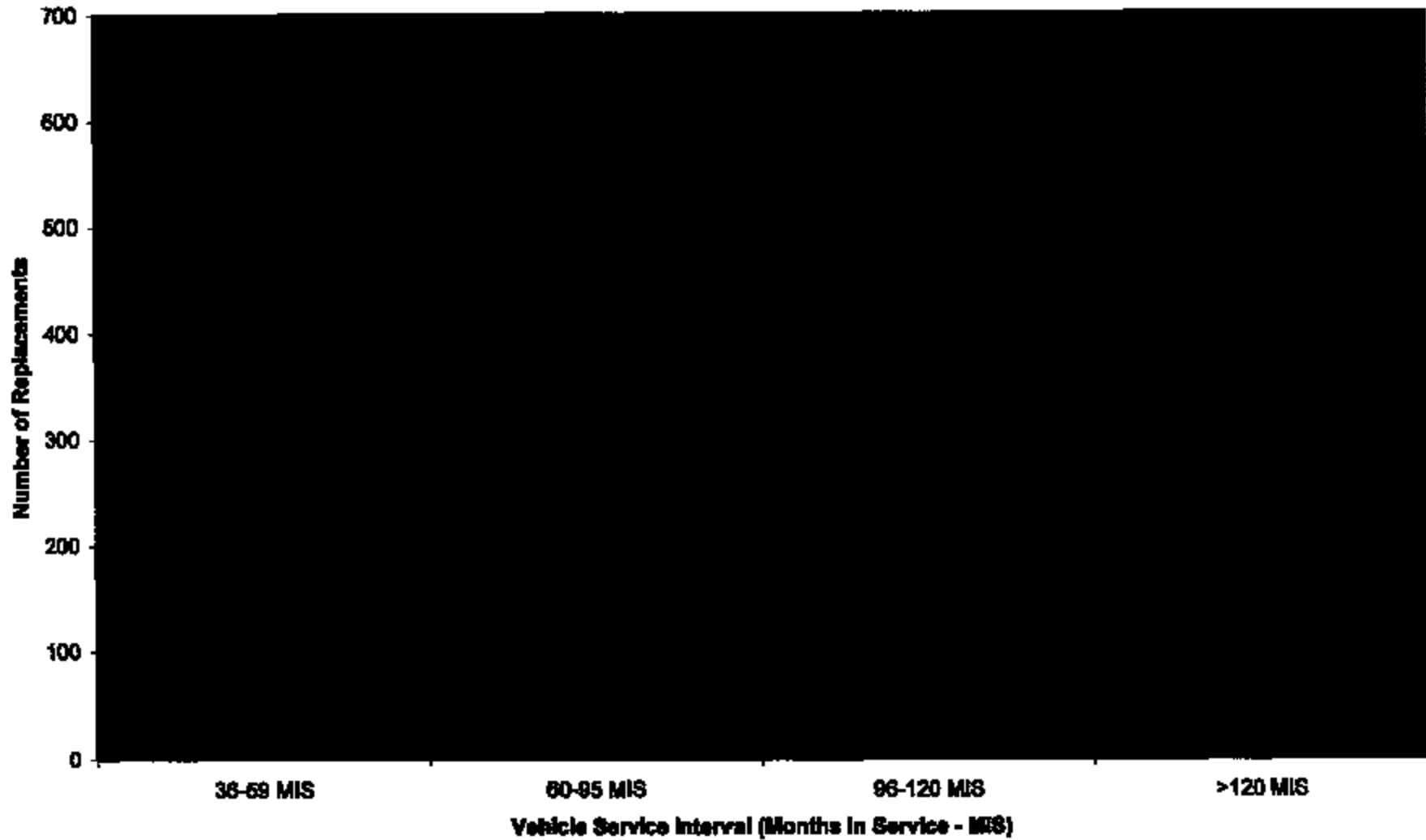
**10/27/03**

**APPENDIX S**

**BOOK 61 OF 61**

**Subject Component Replacement by Vehicle Service Interval  
(9/8/98 - 7/29/03 UDB Data For Subject Vehicles)**

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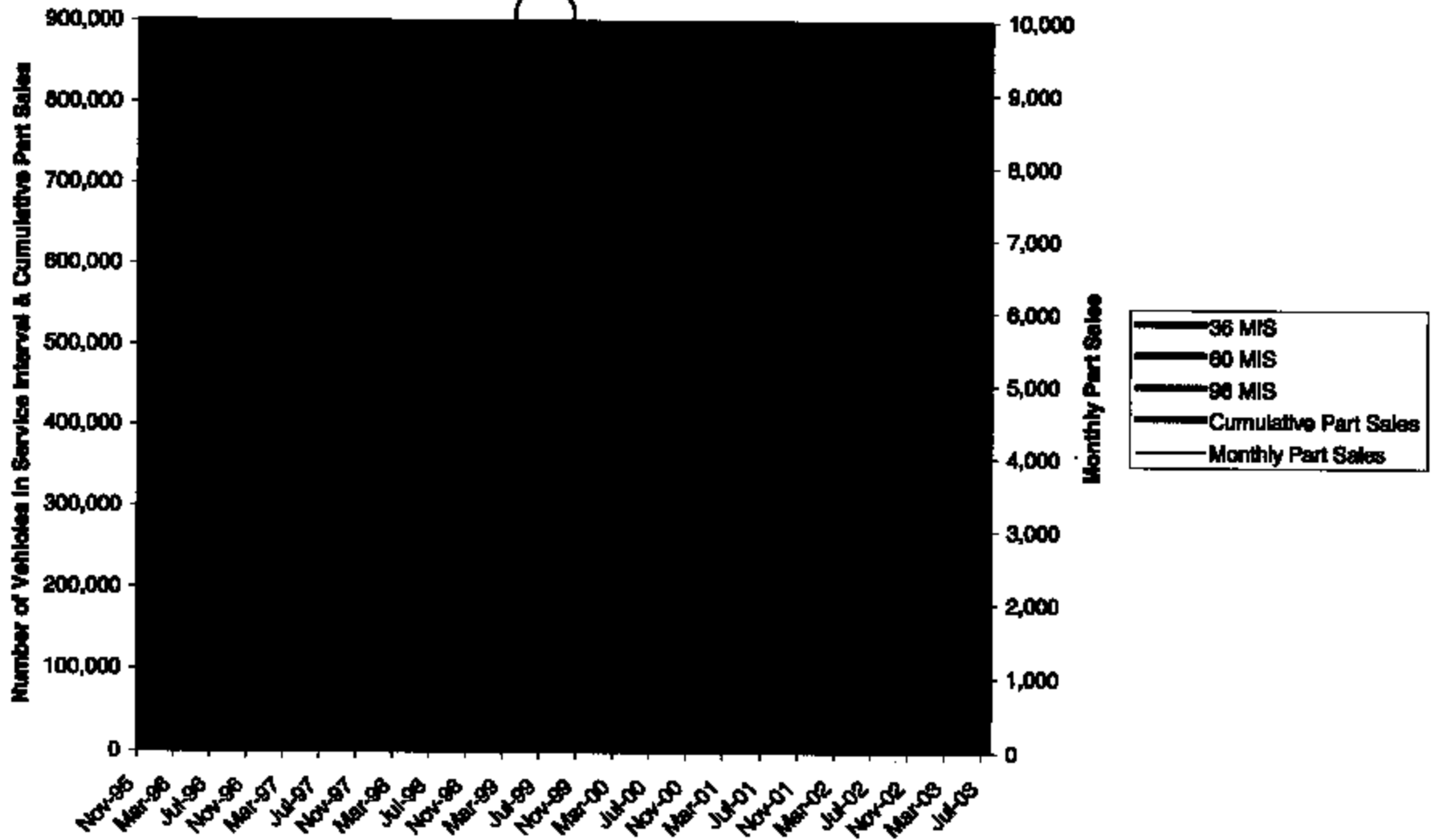
**APPENDIX T**

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**After Warranty Parts Sales vs. Subject Vehicle Service Intervals**

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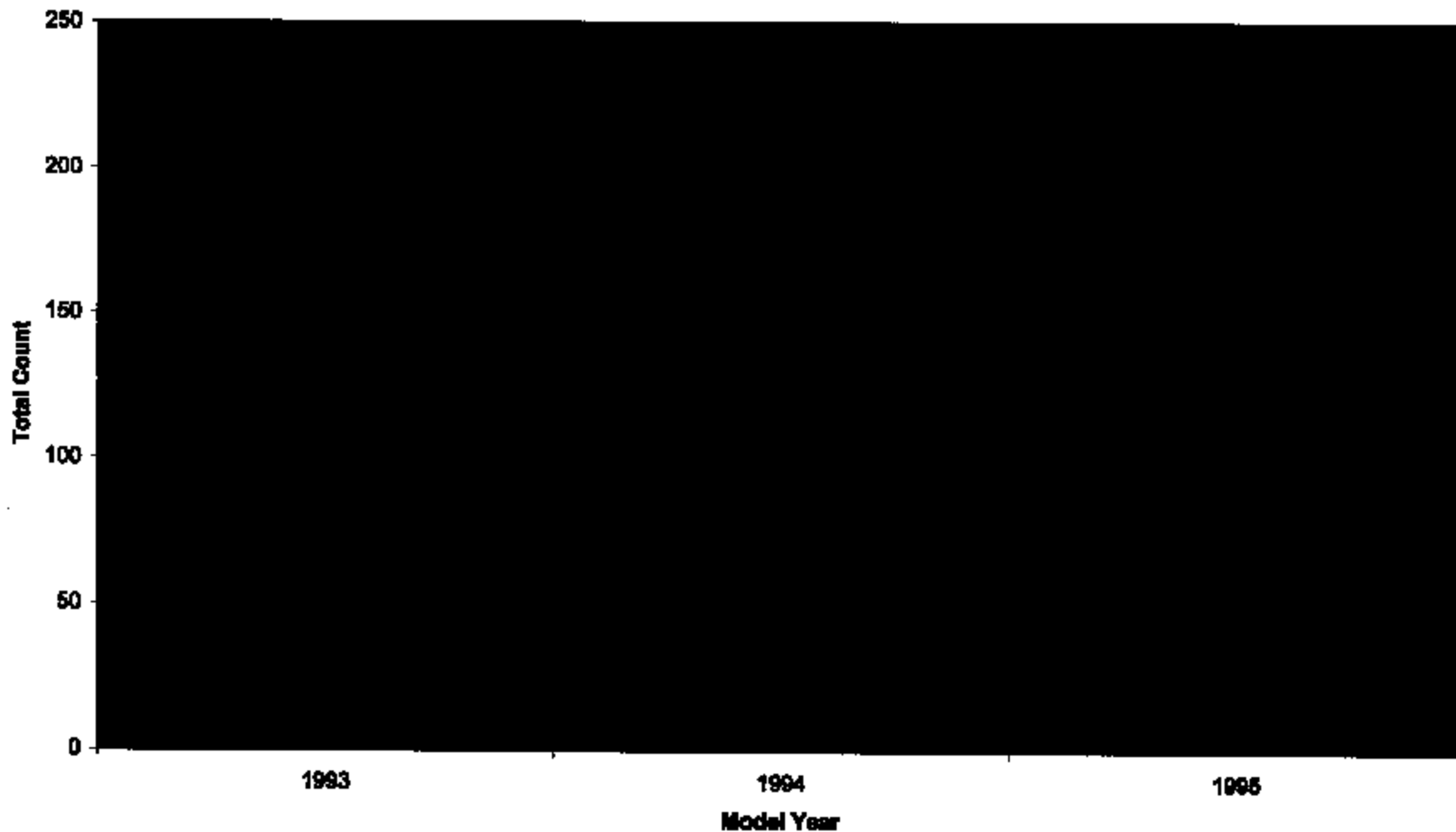
**10/27/03**

**APPENDIX U**

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**Loss Of Cruise Control Function Related to Subject Component  
(Appendix R Data For Subject Vehicles)**

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**APPENDIX V**

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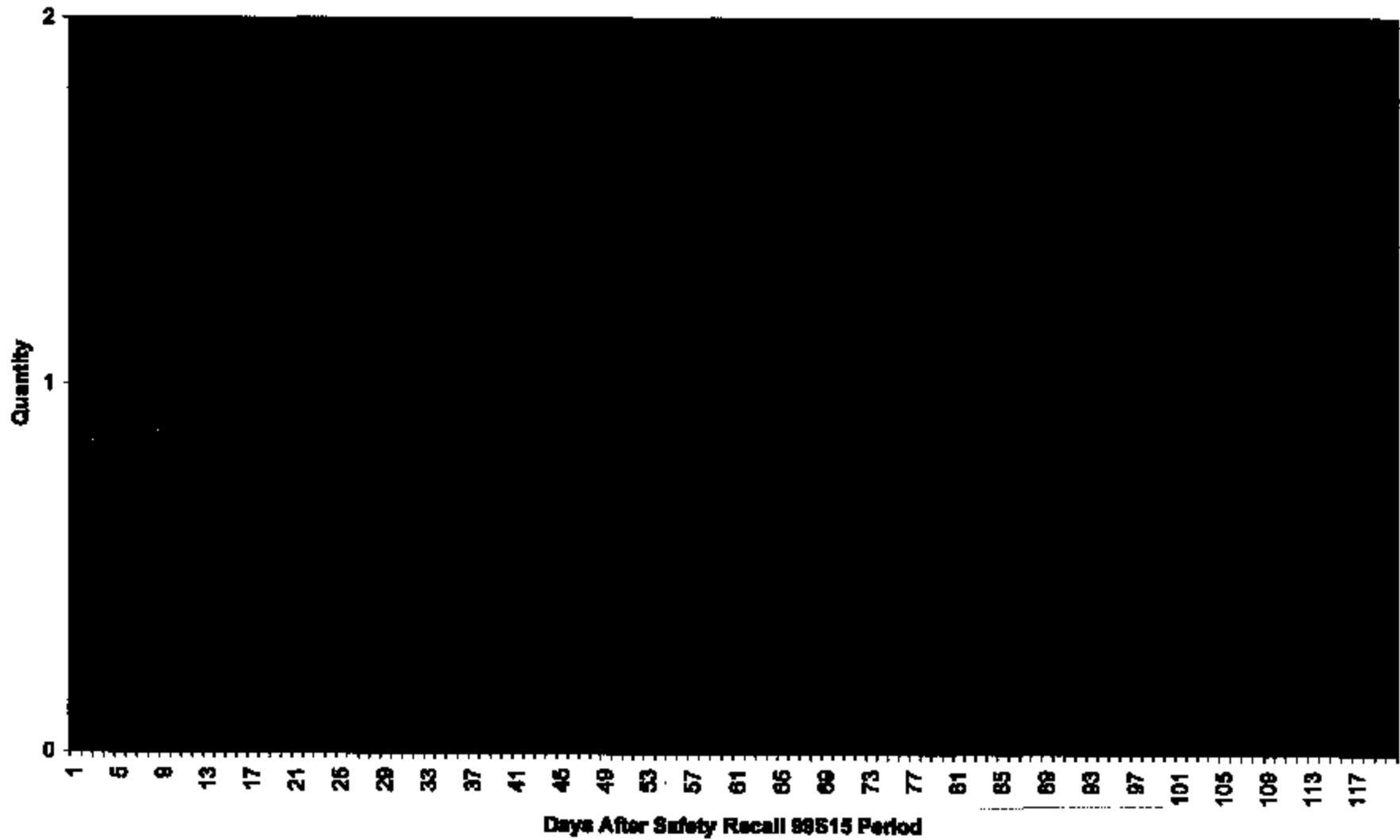
**10/27/03**

**APPENDIX W**

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**Alleged Underhood Fires Alleged to Relate to Subject Component on  
Vehicles Produced in the 120 Days After Recall 99S15**

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**DRAWINGS AVAILABLE UPON REQUEST**