

The replacement lower control arms furnished to the San Diego Unified School District are the same part numbers as the original control arms on their vehicles. The engineering drawings (listed below) of these control arms are furnished as Attachment "E"

14026585-6 Arm Assembly Steering Knuckle Lower Control
14000561-2 Arm Welding Assembly Steering Knuckle Lower Control
6263891-2 Arm Steering Knuckle Lower Control

15. Furnish the names, addresses, and telephone number of your ten largest purchasers of subject vehicles equipped with a gasoline engine and the ten largest purchasers equipped with a diesel engine and the quantity of vehicles sold to them.

Listings of fleet purchasers of the subject GMC and Chevrolet vehicles are provided in Attachment "F". These listings provide the requested information to the extent it is readily retrievable from existing records. Chevrolet sales records currently do not provide a method of retrieving the data in the form requested. Thus, the Chevrolet listing was compiled by fleet personnel from readily available information. We trust that the information provided will prove satisfactory in this instance.

16. Furnish a legible copy of the enclosed document, Attachment A, provided in Attachment C of GM's October 22, 1987 information response on this subject.

A copy of the subject document along with a typed copy of the information on the document are provided as Attachment "G"

17. Furnish copies of all correspondence between GM and the suppliers of the control arm (and components thereof) pertaining to design, manufacturing, performance, durability, quality, testing, or modification of the control arm on the subject vehicles. If any communications on this subject were oral or were conducted electronically, provide a written transcript or summary of each such communication and include a statement that identifies the participants and the date of the communication. It is not necessary to reconstruct transcripts of oral communications.

Copies of documents pertaining to the manufacture, testing, inspection and investigations pertaining to lower control arms on the subject vehicles are provided as Attachment "H"

18. Furnish a copy of all tests and analyses which were or may have been used in developing components involved in the alleged defect and which could relate in any way to this current investigation.

Documents responsive to this item are provided in response to Item 17 above.

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19. Identify the parties involved and describe any and all tests and analyses at (1) contractors, (2) suppliers, or (3) other entities pertaining to the alleged defect. Furnish copies of all reports, notes, tables, graphs, or similar documents which were developed for each. Identify when each activity was initiated and concluded or whether it is still ongoing.

General Motors has not identified any tests or analyses at contractors or suppliers pertaining to the alleged defect on the subject vehicles.

20. Identify whether GM ever considered alternative control arm assemblies on the subject vehicles. Include in the identification of each alternative component (or method) the following:
- when each alternative component was first proposed; [sic]
 - a description of the alternative component; and
 - the disposition of the alternative component (i.e., whether the alternative component was approved, disapproved, or still undergoing evaluation) and the reason(s) for the disposition other than economic reasons.

General Motors has not considered alternative control arm assemblies for the subject vehicles.

21. Furnish GM's opinion of the alleged defect in the subject vehicles. Please include an assessment of the following:
- the causal or contributory factors which may result in the alleged defect;
 - the failure mode;
 - the risk to motor vehicle safety created by the alleged defect; and
 - any warning of the alleged defect.

General Motors investigation of the alleged defect in the subject vehicles is still in process. The subject vehicles include a wide population of pickups, chassis cabs, vans, buses, hi-cube vans, commercial forward control chassis and motor home chassis. These vehicles have a wide range of gross vehicle weight ratings, axle ratings and vehicle use. We have received reports of lower control arm cracks in a relatively small population of the subject vehicles. Cracks have occurred in left front lower control arms manufactured with an incorrect radius near the ball joint attachment area. The majority of these cracks have been discovered in vehicle inspections with no detrimental effect on vehicle operation. A small number of cracks have propagated to the point of failure at the lower ball joint area resulting in

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three accidents and two minor injuries. Investigation to determine actual vehicle loads, use history and modifications, if any, in the field is in process. This data is needed to further identify the causal and contributory factors which have produced lower control arm cracks, and to assess the risk to motor vehicle safety created by those factors. We will advise NHTSA concerning the results of this analysis, including our assessment of the risk to motor vehicle safety created by the alleged defect upon the completion of this effort.

22. Furnish a copy of all documents not specifically requested which GM believes are relevant or were used in formulating its assessment of the alleged defect.

As stated, the scope of this item appears to have no defined limits. Extending our search for information to documents from undefined and perhaps unlimited locations within General Motors would likely not yield additional useful information and would be a significant burden. Therefore, we do not believe we can respond to this question as it is stated.

In an effort to cooperate with the NHTSA, however, we have searched those areas in which we would expect to find information "relevant" to the alleged defect. These are the same locations that were searched in responding to the other items in this information request. Copies of documents located in such areas which may be responsive to this item and have not previously been furnished to NHTSA are provided in Attachment 'I'

23. Furnish any new information of which GM is aware concerning any report, document, or information which may have been previously provided by GM. Also, furnish any additional information of which GM is aware concerning the information provided by the National Highway Traffic Safety Administration (NHTSA) on this matter.

Attachment 'J' is a copy of a report provided in Attachment 'C' of our October 22, 1987 response to PE87-043. The report was revised to correct the designation of the supplier of the lower control arm stamping. No documents have been identified in response to this item other than those provided with the items listed above.

* * *

General Motors requests that the documents stamped "GM Confidential" included in Attachment "E" be afforded confidential treatment by the NHTSA. This information is not customarily made public by General Motors and contains trade secrets and commercial information which is privileged or confidential under 5 U.S.C. Section 552(b)(4), 49 CFR Part 512 and Section 112(e) of the National Traffic and Motor Vehicle Safety Act of 1966, as amended.

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Attachment 'E' consists of engineering drawings that contain process or production data that is not publicly available. The subjects of these drawings cannot be manufactured without the drawings, except after significant reverse engineering. Thus, Attachment 'E' is within the class determination of confidentiality set forth in 49 CFR Part 512, Appendix B.

General Motors treats all of the above material as confidential, proprietary information available only to authorized General Motors personnel and not otherwise available to the public. The documents are maintained under a record-keeping system which is intended to control dissemination of these materials within General Motors, and to assure that they are not disseminated outside the Corporation, except as described in the attached certification made pursuant to 49 CFR 512.4(e).

The documents for which confidential treatment is being requested, with a copy of this letter, are being submitted to your Office of the Chief Counsel. It is requested that notice concerning the Agency's determination of confidentiality for these materials be sent to my attention. Confidential treatment of these materials is requested for an indefinite period.

The documents subject to this request for confidentiality have been clearly stamped "GM CONFIDENTIAL". If a request for disclosure of any or all of this information is received by the NHTSA, General Motors requests notification of receipt of each such request and, if necessary, an opportunity to further explain the reasons why such material is trade secret and commercial information which should not be disclosed under the applicable statutes and regulations.

This reply is based upon a search of records at those locations within General Motors where documents pertaining to vehicles subject to Federal motor vehicle safety standards and of the type that appear to be called for by your request reasonably can be expected to be found, including such records at Chevrolet-Pontiac-Canada Group, GM Truck & Bus Group, Saginaw Division, International Export Sales, Service Parts Operations, Legal Staff and Product Improvement's central file and field investigation activities. In effecting these searches, of course, interpretations of the requests were required. Once these searches were completed, documents were forwarded for review and responsive documents provide the basis for the responses contained in this reply.

The searches that were conducted did not include field offices or other offices where some of the information requested by your inquiry is received initially. Such a search would be unlikely to produce any significant additional information, because in the ordinary course of business, information of this type is required

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Letter to Mr. Michael B. Brownlee
January 29, 1988
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to be transmitted to the locations which have been searched. In addition, such a search could be extremely time-consuming and expensive.

Additionally, the searches described above were conducted subsequent to receipt of your letter and should have resulted in the identification of information received or generated up to that time by the General Motors units that conducted the searches, except information received initially by field or other offices as referenced above. However, it is possible that additional responsive information may have been received or generated by General Motors between the time the searches were completed and the date of this response. Except for information provided in response to Item 22 above, any such information has not been included. Please advise if you require more specific information about the nature or the scope of the searches made.

Sincerely,


C. Thomas Terry
Manager

Product Investigations

Attachments

cc: Ms. Erika Z. Jones (Confidential Material)

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Affidavit in Support of Request for Confidentiality

I, C. Thomas Terry, being duly sworn, depose and say:

- (1) That I am Manager of Product Investigations for General Motors Corporation, and that I am authorized by General Motors to execute documents in its behalf.
- (2) That the information contained in Attachment 'E' which is stamped 'GM Confidential' is comprised of confidential and proprietary data and is being submitted with the claim that it is entitled to confidential treatment under 5 U.S.C. 552(b)(4).
- (3) That I or members of my staff have personally inquired of responsible General Motors personnel who have authority in the normal course of business to release the information for which a claim of confidentiality has been made, to ascertain whether such information has ever been released outside General Motors.
- (4) That based upon such inquiries, to the best of my knowledge the information for which General Motors has claimed confidential treatment has never been released or become available outside General Motors, except to the extent that portions of the information may have been disseminated to authorized suppliers of component parts in the course of their manufacturing activities on behalf of General Motors Corporation, on the condition that these authorized suppliers maintain the confidentiality of the information.
- (5) That I make no representations beyond those contained in this affidavit and, in particular, I make no representations as to whether this information may have become available outside General Motors because of unauthorized, inadvertent or involuntary disclosure, except as stated in Paragraph 4; and
- (6) That the information contained in the enumerated paragraphs of this affidavit is true and accurate to the best of my information, knowledge and belief.

Signed and sworn to this 1 day of February, 1988.

C. Thomas Terry
C. Thomas Terry, Manager
Product Investigation
General Motors Corporation

STATE OF MICHIGAN
COUNTY OF MACOMB

Before me this 1st day of February, 1988, appeared C. Thomas Terry, known to me to be the person whose signature appears above, and being duly sworn, affirmed and attested that the statements contained in the above affidavit are true and correct to the best of his knowledge and belief.

Robert J. Walters

ROBERT J. WALTERS
Notary Public
My Commission Expires Oct 7, 1990

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ATTACHMENT 'A'

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ATTACHMENT "A"

000058

NHTSA IR: GM-278A; E488-007
1984-87 30-SERIES TRUCKS
VEHICLE SALES

	1984		1985		1986		1987		
	Chevrolet	GMC	Chevrolet	GMC	Chevrolet	GMC	Chevrolet	GMC	
<u>C30 SERIES</u>									
4.8L Gas	1,137	622	301	161	1,107	947			
5.7L Gas	16,396	6,704	19,310	6,883	19,782	8,667			
7.4L Gas	11,667	3,903	11,405	3,790	16,494	5,451			
6.2L Diesel	4,519	2,522	4,810	2,139	3,431	1,737			
<u>G30 SERIES</u>									
4.1L Gas	157	42					87	55	
4.3L Gas			137	22	320	121	22,863	8,617	
5.7L Gas	36,521	9,788	36,132	9,800	25,745	7,709	1,284	1,985	
6.2L Diesel	2,258	1,068	1,790	970	4,049	1,234			
<u>P30 SERIES</u>									
4.8L Gas	592	375	542	395	372	163	254	1,261	
5.7L Gas	7,335	1,873	8,372	2,630	5,619	1,341	4,658	1,600	
7.4L Gas	42,706	2,298	35,048	5,203	26,337	1,278	30,311	1,885	
6.2L Diesel	2,759	823	1,933	2,630	1,519	579	3,782	605	
<u>R30 SERIES</u>									
4.8L Gas							133	1,014	
5.7L Gas							11,872	5,633	
7.4L Gas							8,532	2,606	
6.2L Diesel							1,831	1,029	
TOTALS	126,047	30,018	119,780	623	104,775	29,227	85,579	26,370	556,419

10/1/89

ATTACHMENT 'B'

09/1/00

ATTACHMENT 'B'

191300
00C 061

REPORT OF PRELIMINARY INVESTIGATION

Designation Code _____

Serious incidents should be immediately reported by telephone to nearest office of Royal-Globe Insurance Companies

Date of Incident 10-13 19 87 Hour 7:10 A.M.

I OWNER - CLAIMANT

Name of Owner Harrison Delivery Age _____
 Address 840 Jersey Street Harrison, NJ Phone No. _____
 Name of Driver Harold J. Groome Jr. Age 34
 Address 141 Jorammon St. Sellville, NJ Phone No. _____
 Name of Claimant _____ Age _____
 Address Same at this time Phone No. _____
 Is claimant represented by an attorney? Yes No
 If "Yes", give name and address _____

II VEHICLE

Make GMC V.I.N. 1GDEP32H3G3502666 Year 1986 Model P3500
 Trans. _____ Axle _____ Engine 350 V8 Mileage 46,000
 Date of Del. N/A New, Used or Demo New License No. 5K-74-KF State New Jersey
 Dealer Franks GMC 06-007 Address Lyndhurst, NJ
 Inspection Sticker No. N/A Inspection Station No. Plant Expiration Date N/A
 Principal uses of vehicle Bread Delivery
 Special vehicle features or equipment None
 If vehicle is a truck, state gross pay load and location and description of load at time of incident. 10,500 lbs.

Nature and extent of damages to vehicle and estimated cost of repairs. (Attach copy of estimate.) L/side body
Front & Front on side before door - inside floor L/side

Is vehicle subject to any product campaign(s)? Yes No If "yes" identify campaign(s) _____
 Was campaign performed? Yes No

III PROPERTY DAMAGE

Was another vehicle involved? No State make and model of vehicle _____
 Other vehicle speed estimate _____ MPH By whom _____
 Name and address of owner _____
 Name and address of driver _____
 Extent of damage _____
 Was property (other than a motor vehicle) damaged? (state kind, name of owner and extent of damage) _____

IV BODILY INJURY

Indicate following information on injuries and whether the injured person(s) were riding in (A) owner's vehicle, (B) other _____
 (C) pedestrian or (D) other:

- (1) Name and address None reported
 Age _____ Code A, B, C or D _____ Seating position _____
 Nature of injuries _____
- (2) Name and address _____
 Age _____ Code A, B, C or D _____ Seating position _____
 Nature of injuries _____
- (3) Name and address _____
 Age _____ Code A, B, C or D _____ Seating position _____
 Nature of injuries _____
- Where were injured treated and by whom? _____

DDF-162

V INVESTIGATION

How, when, and by whom was zone notified of incident? Mike Blasone - Harrison Employee
 Location of incident (Designate exact location) Rt. 206 S & Mile Post 38.4 - Burlington County, NJ

Kind of road: concrete gravel asphalt crushed rock dirt
 Condition of road: wet dry icy other _____
 Kind of shoulder: concrete gravel asphalt crushed rock dirt
 Condition of shoulder: wet dry icy other Bridge
 Nature of weather Clear Vision obstruction (if any, describe) None

Name and address of dealer who towed (include tow driver's name), stored and/or provided temporary service to damaged vehicle
Lynch's Garage, Borden Town Twp., NJ

Where can vehicle be seen? At fleet location - vehicle has been repaired by fleet
 Did vehicle turn over? Yes No Vehicle speed estimate 50 MPH
 Source of speed estimate Police Report Posted speed limit 50 MPH

Brand and size tires _____
 Condition R.F. Good Poor Flat R.R. Good Poor Flat
 L.F. Good Poor Flat Good Poor Flat
 of tires: _____
 Other (truck or spare) _____

Did your search of the vehicle service history produce service repair orders? Yes No
 If "Yes", attach copies of all R.O.'s. indicate how many () If "No", explain N/A

Police report attached? Yes No If "No", what station or officer made report? () No report filed

Names and addresses of witnesses None

Were photos taken? Yes No If "Yes" how many 2 By whom (name and address) Mike Blasone

Note: Furnish photos to Royal-Globe Insurance Companies Local Office with this form. Forward negatives to Central (Home) Office.

Name of Royal Representative, if present, at the investigation _____

VI DESCRIPTION OF CLAIM

Driver's description as to how incident happened and his statement of the cause
Re: attached police report

Did you personally speak with driver? Yes No If "No", give source of driver's description _____

Was vehicle inspected? Yes No If "Yes" identify all parties Police
Mike Blasone

What vehicle components are allegedly defective? L/side lower control arm (A frame)

Who made allegation of defect? _____

If the alleged defective part has been removed from the vehicle, indicate exact part(s), present location and who is custodian
Forwarded to Jim Quinn, GMC Truck Division, Product Service, Pontiac, Michigan

Information from further investigation of incident, including examination of vehicle and scene of incident _____

How and when was matter left with claimant? Accident report would be submitted with
GMC Truck insurance carrier.

DATE OF INVESTIGATION 10/30/87 PRINTED NAME Sal Avino
 DATE SIGNED 10/30/87 SIGNED _____

Note: Continue answers on another sheet if necessary.

Divisional Representative Completing Investigation
 General Motors Corporation

1 POLICE DEPARTMENT OF **BORDENTOWN TWP** CODE **1** STATION # **3228**

28 DATE OF ACCIDENT: MONTH **10** DAY **13** YEAR **87** 29 TIME (USE 24 HOUR) **0110** 30 NO OF VEHICLES **1** 31 NUMBER KILLED **0** 32 NUMBER INJURED **0** 33 COUNTY **BURLINGTON**

34 MUNICIPALITY **BORDENTOWN TWP** 35 ROAD NUMBER OR NAME OF STREET **KT 200 SOUTH** 36 DISTANCE FROM 1 OR 2 (DESIGNATE) **38.4**

37 DISTRICT OR INTERSECTING ROADS BETWEEN WHICH THE ACCIDENT OCCURRED

38 VEHICLE MAKE AND MODEL NUMBER **1929CZ1U77** 39 VIN CODE **156** 40 VEHICLE # POLICY NUMBER **?** 41 REG CODE **?**

42 MARKED VEH PEDESTRIAN PEDALCYCLIST 43 PARKED VEH PEDESTRIAN PEDALCYCLIST

44 DRIVER'S FIRST NAME **HAROLD J. GROOME Jr** 45 DRIVER'S FIRST NAME **HAROLD J. GROOME Jr**

46 NUMBER AND STREET **141 JORALEMON** 47 NUMBER AND STREET

48 CITY **BELLEVILLE NJ** 49 STATE **NJ** 50 LICENSE **7-91** 51 CITY **BELLEVILLE NJ** 52 STATE **NJ** 53 LICENSE **7-91**

54 DRIVER'S LICENSE NUMBER **GTS63131571 10544 NJ** 55 STATE **NJ** 56 DOB **11-19-49** 57 DRIVER'S LICENSE NUMBER **GTS63131571 10544 NJ** 58 STATE **NJ** 59 DOB **11-19-49**

60 DRIVER'S FIRST NAME **HARRISON DELIVERY** 61 DRIVER'S FIRST NAME **HARRISON DELIVERY**

62 NUMBER AND STREET **875 JERSEY ST** 63 NUMBER AND STREET

64 CITY **HARRISON NJ** 65 STATE **NJ** 66 LICENSE **11-87** 67 CITY **HARRISON NJ** 68 STATE **NJ** 69 LICENSE **11-87**

70 MAKE AND MODEL **GMC CHA 14C 86** 71 LICENSE PLATE NO **XK-7426 NJ** 72 STATE **NJ** 73 MAKE AND MODEL **GMC CHA 14C 86** 74 LICENSE PLATE NO **XK-7426 NJ** 75 STATE **NJ**

76 VEHICLE REMOVED TO **TOWED LYNCH'S GARAGE** 77 AUTHORITY **1 DRIVER 2 POLICE** 78 VEHICLE REMOVED TO **TOWED LYNCH'S GARAGE** 79 AUTHORITY **1 DRIVER 2 POLICE**

80 VIN NUMBER **1GDH32N3G3S02111** 81 VIN NUMBER

79 METAL IMPACT

77 AREAS DAMAGED

10 UNDERCARR. DAMAGE 11 12

11 OVERTURNED 12

13 TOTTALLED 14

12 NONE OR UNKNOWN 13

14 OTHER 15

16 SPEED ADJUSTED **30** 17 SPEED **30** 18 SPEED **30**

19 SAID MARKS **0** 20 SAID MARKS **0**

21 ACCIDENT DESCRIPTION **V#1 WAS PROCEEDING RT 200S IN THE RIGHT LANE. THE DRIVER THEN STATED THAT HE FELT SOMETHING HAPPEN TO THE STEERING WHICH CAUSED THE VEHICLE TO CROSS INTO THE LEFT LANE STRIKING THE GUIDE RAIL AFTER CONTACTING THE GUIDE RAIL THE VEHICLE CONTINUED SOUTH FOR APPROX 75 FT BEFORE STOPPING.**

22 DAMAGE TO PROPERTY OTHER THAN VEHICLE **N.J. DEPT OF TRANS - TRENTON**

23 CHARGE **None ISSUED** 24 SUMMARY NUMBER **3228** 25 CHARGE **None** 26 SUMMARY NUMBER **3228**

27 CHARGE **None** 28 SUMMARY NUMBER **3228**

29 CHARGE **None** 30 SUMMARY NUMBER **3228**

31 CHARGE **None** 32 SUMMARY NUMBER **3228**

33 CHARGE **None** 34 SUMMARY NUMBER **3228**

35 CHARGE **None** 36 SUMMARY NUMBER **3228**

37 CHARGE **None** 38 SUMMARY NUMBER **3228**

39 CHARGE **None** 40 SUMMARY NUMBER **3228**

41 CHARGE **None** 42 SUMMARY NUMBER **3228**

43 CHARGE **None** 44 SUMMARY NUMBER **3228**

45 CHARGE **None** 46 SUMMARY NUMBER **3228**

47 CHARGE **None** 48 SUMMARY NUMBER **3228**

49 CHARGE **None** 50 SUMMARY NUMBER **3228**

51 CHARGE **None** 52 SUMMARY NUMBER **3228**

53 CHARGE **None** 54 SUMMARY NUMBER **3228**

55 CHARGE **None** 56 SUMMARY NUMBER **3228**

57 CHARGE **None** 58 SUMMARY NUMBER **3228**

59 CHARGE **None** 60 SUMMARY NUMBER **3228**

61 CHARGE **None** 62 SUMMARY NUMBER **3228**

63 CHARGE **None** 64 SUMMARY NUMBER **3228**

65 CHARGE **None** 66 SUMMARY NUMBER **3228**

67 CHARGE **None** 68 SUMMARY NUMBER **3228**

69 CHARGE **None** 70 SUMMARY NUMBER **3228**

71 CHARGE **None** 72 SUMMARY NUMBER **3228**

73 CHARGE **None** 74 SUMMARY NUMBER **3228**

75 CHARGE **None** 76 SUMMARY NUMBER **3228**

77 CHARGE **None** 78 SUMMARY NUMBER **3228**

79 CHARGE **None** 80 SUMMARY NUMBER **3228**

81 CHARGE **None** 82 SUMMARY NUMBER **3228**

83 CHARGE **None** 84 SUMMARY NUMBER **3228**

85 CHARGE **None** 86 SUMMARY NUMBER **3228**

87 CHARGE **None** 88 SUMMARY NUMBER **3228**

89 CHARGE **None** 90 SUMMARY NUMBER **3228**

91 CHARGE **None** 92 SUMMARY NUMBER **3228**

93 CHARGE **None** 94 SUMMARY NUMBER **3228**

95 CHARGE **None** 96 SUMMARY NUMBER **3228**

97 CHARGE **None** 98 SUMMARY NUMBER **3228**

99 CHARGE **None** 100 SUMMARY NUMBER **3228**



000065

USE NUMBER: 00444412

SYMPTOM ABSTRACT- LOWER CONTROLL ARM TEARS AT BALL JOINT
PART NUMBERS-
BULLETIN NUMBERS-

DESCRIPTION DATA

TO1004
PECHTER BAKERY
SAL AVINO
0083968772
10DH132H303502666
061243
SUSP
SYMPTOM COMPONENT-
COMPONENT TYPE -<H> 1
ASSIGN LEVEL -<H> 1 F17
CONTROL ARMS
JCC-1 DESCRIPTION-
JCC-CODE 1-
JCC-2-
JCC-3 DESCRIPTION-
JCC-CODE 2-
JCC-3 DESCRIPTION-

RESOLUTION DATA

DISPOSITION- -<H> A
DATE CLOSED- -<H> NO
SOLUTION KNOWN- -<H> NO
LABOR CODE- -<H>
JCC-
RES-DESCRIPTION-
RES-COMPONENT-
ORIGINAL CASE ID-
DIVISION ASSIGNED<H>
PROBLEM IMPACT- -<H>
SSC LETTER CODE- -<H>

RECORD CONTROL DATA

DATE OPENED- 10/15/87
TIME OPENED- 14:56
DATE ENTERED- 10/13/87
TIME ENTERED- 14:56
DIVISION NAME- TRUCKBUS
TECHNICAL REP. -<H> SAL/AVINO
RES-COMPONENT- -<H> H48CHSA
TSD IDENTIFIER- TRUCK
DIVING CLASS- -<H> 10/15/87
DATE ALTERED- 14:56
TIME ALTERED-
USER LAST ALTERED- -<H> H48CHSA

TEXT 10/15/87 14:56 H48CHSA

VIR<R>:03502666 UNIT# 300 LOWER CONTROLL ARM TEARS AT
BALL STUD CAUSING BALL STUD TO FALL OUT CAUSING FRONT END TO
COLLAPSE. FAILURES ARE BEING EXPERIMENTED ONLY TO LEFT SIDE
CAUSE IDENTIFIED. ALL
FAILED PARTS ARE BEING FORWARDED TO JIM QUINN FOR EVALUATION.
REQUEST RESPONSE AS TO POSSIBLE CAUSE AND CORRECTION.

03/05/86 14:47 H48CHRX
10/15/87 14:56 H48CHSA
10/13/86 14:52 H48CHRX
10/15/87 14:56 H48CHSA

FLEET REPORTS THREE (3) FAILURES TO DATE. 14 VEHICLES
INVOLVED THIS VINAGE. FLEET IS CONCERNED THAT PROBLEM MAY
EXIST ON 1987 VEHICLES.

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REPORT OF PRELIMINARY INVESTIGATION

SERIOUS INCIDENTS SHOULD BE IMMEDIATELY REPORTED BY TELEPHONE TO NEAREST OFFICE OF ROYAL-GLOBE INSURANCE COMPANIES. 85 BS

REF # - 870519762

DATE OF INCIDENT: 06/03/87 08:33

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX I OWNER CLAIMANT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
NAME OF OWNER: WILLIAM SWEIGERT AGE: 0
ADDRESS: RD 2 DIEM RD, NEW HOLLAND, PA PHONE NO: -
NAME OF DRIVER: DONNA J DENNING AGE: 21
ADDRESS: 147 BROAD ST CHRISTIANA PA PHONE NO: -
NAME OF CLAIMANT: MR SCOTT LIEBEL AGE: 0
ADDRESS: PO BOX 2655 HARRISBURG PA PHONE NO: 717-657-6405

IS CLAIMANT REPRESENTED BY AN ATTORNEY? YES X NO
IF YES, GIVE NAME AND ADDRESS:

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX II VEHICLE XX
MAKE: CHEVROLET VIN: 2GBHG31M1F4139605 YEAR: 85 MODEL: G4
TRANS: AUTO 000 AXLE: STD ENGINE: 5.7 V8 MILEAGE: 68447

DATE OF DEL: 05/08/85 NEW,USED,OR DEMO: N LICENSE NUM: SB20758 STATE: PA
DEALER: JOHN N. SAUDER AUTO CO ADDRESS: NEW HOLLAND PA
INSP. STICKER NUM: INSP. STATION NO: EXP DATE: 00/00/00

PRINCIPLE USES OF VEHICLE: SCHOOL BUS
SPECIAL VEHICLE FEATURES OR EQP: UNKNOWN
IF VEHICLE IS A TRUCK, STATE GROSS PAYLOAD AND LOCATION AND DESCRIPTION OF
LOAD AT TIME OF INCIDENT: UNK UNK SCHOOL BUS WITH TWO PASSENGERS SCHOOL CHILD
REN
NATURE AND EXTENT OF DAMAGES AND ESTIMATED COST OF REPAIRS: 2191
(ATTACH COPY OF ESTIMATE) FRONT END DAMAGE COWL,HOOD,GRILL

VEHICLE SUBJECT TO ANY PRODUCT CAMPAIGN? X YES NO IF YES, IDENTIFY
CAMPAIGN(S):
HAS CAMPAIGN PERFORMED? YES NO
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX III PROPERTY DAMAGE XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

HAS ANOTHER VEHICLE INVOLVED? NO MAKE, MODEL OF VEHICLE:
OTHER VEHICLE SPEED ESTIMATE: 0 MPH BY WHOM:

NAME AND ADDRESS OF OWNER:
NAME AND ADDRESS OF DRIVER:

EXTENT OF DAMAGE:
HAS PROPERTY (OTHER THAN MOTOR VEHICLE) DAMAGED? (STATE KIND, NAME OF OWNER,
AND EXTENT OF DAMAGE): TELEPHONE POLE BROKEN 772.21 TO REPLACE POLE STRUC
K BY VEHICLE AT SCENE

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX BODILY INJURY XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
INDICATE FOLLOWING INFORMATION ON INJURIES AND WHETHER THE INJURED PERSON(S)
WERE RIDING IN (A) OWNER'S VEHICLE, (B) OTHER VEHICLE, (C) PEDESTRIAN OR
(D) OTHER:

- (1) NAME AND ADDRESS: DONNA J DENNING - 147 BROAD ST CHRISTIANA PA
AGE: 21 CODE A,B,C, OR D: A SEATING POSITION: DRIVER
NATURE OF INJURIES: LEG PAIN
- (2) NAME AND ADDRESS:
AGE: 0 OF A,B,C, OR D: SEATING POSITION:
NATURE OF INJURIES:
- (3) NAME AND ADDRESS:
AGE: 0 OF A,B,C, OR D: SEATING POSITION:
NATURE OF INJURIES:
WHERE TREATED AND BY WHOM: 1 GORDONVILLE AMBULANCE TRANSPORTED TO LA

000068

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX V INVESTIGATION XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
HOW, WHEN AND BY WHOM WAS THE ZONE NOTIFIED OF INCIDENT? LETTER 110487 NATIONW
IDE INS

LOCATION OF INCIDENT (DESIGNATE EXACT LOCATION): HOLLANDER RD 1/2 MILE NORTH OF
INTERCOURSE, PA

KIND OF ROAD	CONCRETE	GRAVEL	X ASPHALT	CRUSHED ROCK	DIRT
CONDITION OF ROAD	WET	X DRY	ICY	OTHER	
KIND OF SHOULDER	CONCRETE	GRAVEL	X ASPHALT	CRUSHED ROCK	DIRT
CONDITION OF SHOULDER:	WET	X DRY	ICY	OTHER	

NATURE OF WEATHER: CLEAR
(IF ANY, DESCRIBE): NONE

VISION OBSTRUCTION

NAME AND ADDRESS OF DEALER WHO TOWED (INCLUDE TOW DRIVER'S NAME), STORED, AND/OR
PROVIDED TEMPORARY SERVICE TO DAMAGED VEHICLE: HOWARD BRACKBILL GARAGE
UNK UNK

WHERE CAN VEHICLE BE SEEN? SWEIGERTS BUS SERVICE NEW HOLLAND PA
DID VEHICLE TURN OVERT? YES X NO VEHICLE SPEED ESTIMATE: 40 MPH
SOURCE OF SPEED ESTIMATE: POLICE REPORT POSTED SPEED LIMIT: 40 MPH

BRAND AND SIZE TIRES:	UNK						
CONDITION	R.F.	X GOOD	POOR	FLAT	R.R.	X GOOD	POOR
OF TIRES:	L.F.	X GOOD	POOR	FLAT	L.R.	X GOOD	POOR
OTHER (TRUCK OR SPARE):							

DID YOUR SEARCH OF THE VEHICLE SERVICE HISTORY PRODUCE SERVICE
REPAIR ORDERS? X YES NO
IF 'YES', ATTACH COPIES OF ALL R.O.'S (INDICATE HOW MANY 01) IF 'NO', EXPLAIN

POLICE REPORT ATTACHED? X YES NO IF 'NO' WHAT STATION OR OFFICER MADE
REPORT? (NO REPORT FILED)

NAMES AND ADDRESSES OF WITNESSES:

WERE PHOTOS TAKEN? YES X NO IF 'YES', HOW MANY? 0 AND BY WHOM?
(NAME/ADDRESS):

NOTE: FURNISH PHOTOS TO ROYAL-GLOBE INSURANCE COMPANIES LOCAL OFFICE WITH
FORM. FORWARD NEGATIVES TO CENTRAL (HOME) OFFICE.

NAME OF ROYAL REPRESENTATIVE, IF PRESENT, AT THE INVESTIGATION:

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX VI DESCRIPTION OF CLAIM XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
DRIVER'S DESCRIPTION AS TO HOW INCIDENT HAPPENED AND DRIVER'S STATEMENT OF
THE INCIDENT'S CAUSE: DRIVING NORTH ON HOLLANDER RD AND
HEARD A NOISE LIKE A BLOWN TIRE. LOST CONTROL OF VEHICLE. VEHICLE VEERED TO
THE LEFT AND STRUCK UTILITY POLE.

DID YOU PERSONALLY SPEAK WITH DRIVER? YES X NO IF 'NO', GIVE SOURCE OF
DRIVER'S DESCRIPTION: POLICE REPORT

WAS VEHICLE INSPECTED? YES X NO IF 'YES' IDENTIFY ALL
PARTIES:

WHAT VEHICLE COMPONENTS ARE ALLEGEDLY DEFECTIVE? LEFT LOWER CONTROL ARM
WHO MADE ALLEGATION OF DEFECT? NATIONWIDE INSURANCE
IF THE ALLEGED DEFECTIVE PART HAS BEEN REMOVED FROM THE VEHICLE, INCLUDING
EXACT PART(S), PRESENT LOCATION AND WHO IS CUSTODIAN: NATIONWIDE INS
CONTROL ARM 1000 NATIONWIDE DRIVE HARRISBURG, PA

INFORMATION FROM FURTHER INVESTIGATION IF INCIDENT, INCLUDING EXAMINATION OF
VEHICLE AND SCENE OF INCIDENT: INSPECTION OF CONTROL ARM INDICATES
SEPARATION OF LEFT LOWER BALL JOINT FROM CONTROL ARM DUE TO OPERATIONAL
CONDITION.

001163

008416

INCIDENT NUMBER: 71-380 120

VEHICLE NUMBER



IN VILLAGES OF INTERCOURSES

ILLEGIBLE

Number of Lanes on Freeway Road TWO (2)

60. NARRATIVE
 UNIT #1 (SCHOOL BUS) WAS TRAVELLING NORTH ON HOLLANDER RD. IN THE NORTH BOUND LANE, WHICH IS A TWO LANE HIGHWAY. OFFICER #1 WAS PROCEEDING NORTH IN THE NORTH BOUND LANE AT WHICH POINT UNIT #1 (SCHOOL BUS) HAD A MECHANICAL PROBLEM AND LOST CONTROL TO HER VEHICLE, WENT OFF THE LEFT SIDE OF THE ROADWAY AND STRUCK A UTILITY POLE WITH ITS FRONT BUMPER. THE UTILITY POLE WAS LOCATED APPROX. ONE (1) FOOT WEST OF THE ROADWAY. ON IMPACT UNIT #1 (SCHOOL BUS) CAME TO A REST, FACING NORTH WITH ITS RIGHT FRONT ENDER AT THE EDGE OF THE ROADWAY.

PRIOR TO IMPACT UNIT #1 LEFT APPROX. 20 FEET OF SKID MARKS ON THE SOUTH BOUND LANE AND APPROX. 25 FEET OF TIRE MARKS ON THE BERM OF THE ROAD.

WHEN THIS OFFICER ARRIVED AT THE SCENE UNIT #1 WAS AS LAST STATED.

OPERATOR #1 ADVISED THIS OFFICER THAT SHE WAS TRAVELLING NORTH ON HOLLANDER RD. IN THE NORTH BOUND LANE WITH TWO (2) SCHOOL CHILDREN, JOHN GEORGE JR. WIN-H R. SALLIBURY CHART BOX 3, GAP PA. AND VANESSA KERRERHNE WIN-F 7, 316 UNCLIN RD. EAST PARADISE

MORE

61. AUTOTRUCK BODY TYPE	11 - OTHER TRUCK
01 - CONVERTIBLE	12 - PICK-UP
02 - DR. WAGON	13 - VAN BODY
03 - 4 DR. SEDAN	14 - BOX TRUCK
04 - 2 DR. SEDAN	15 - MOTOR VEHICLE
05 - 4 DR. SEDAN	16 - TRACTOR SCAB
06 - STA. WAGON	17 - TRACTOR TRAILER
07 - LIMOUSINE	18 - OTHER TRUCK BODY
08 - OTHER AUTO	
09 - MOTORCYCLE	
62. INITIAL POINT OF IMPACT	
01 - NONE	02 - NONE
03 - TOP	04 - UNDERCARRIAGE
05 - TOWED UNIT	06 - UNDERCARRIAGE
07 - TOWED UNIT	08 - UNDERCARRIAGE
09 - TOWED UNIT	10 - UNDERCARRIAGE
63. VEHICLE DAMAGE SEVERITY	
01 - NONE	02 - MODERATE
03 - LIGHT	04 - SEVERE
64. WAS TOWING REQUIRED?	
0 - NO	1 - YES
65. ESTIMATED TRAVEL SPEED	
00 - NONE (STOPPED/PARKED)	01 - 01-49 CODE ACTUAL SPEED
02 - 50-59	03 - 60-69
04 - 70-79	05 - 80-89
06 - 90-99	07 - 100-109
08 - 110-119	09 - 120-129
10 - 130-139	11 - 140-149
12 - 150-159	13 - 160-169
14 - 170-179	15 - 180-189
16 - 190-199	17 - 200-209
18 - 210-219	19 - 220-229
20 - 230-239	21 - 240-249
22 - 250-259	23 - 260-269
24 - 270-279	25 - 280-289
26 - 290-299	27 - 300-309
28 - 310-319	29 - 320-329
30 - 330-339	31 - 340-349
32 - 350-359	33 - 360-369
34 - 370-379	35 - 380-389
36 - 390-399	37 - 400-409
38 - 410-419	39 - 420-429
40 - 430-439	41 - 440-449
42 - 450-459	43 - 460-469
44 - 470-479	45 - 480-489
46 - 490-499	47 - 500-509
48 - 510-519	49 - 520-529
50 - 530-539	51 - 540-549
52 - 550-559	53 - 560-569
54 - 570-579	55 - 580-589
56 - 590-599	57 - 600-609
58 - 610-619	59 - 620-629
60 - 630-639	61 - 640-649
62 - 650-659	63 - 660-669
64 - 670-679	65 - 680-689
66 - 690-699	67 - 700-709
68 - 710-719	69 - 720-729
70 - 730-739	71 - 740-749
72 - 750-759	73 - 760-769
74 - 770-779	75 - 780-789
76 - 790-799	77 - 800-809
78 - 810-819	79 - 820-829
80 - 830-839	81 - 840-849
82 - 850-859	83 - 860-869
84 - 870-879	85 - 880-889
86 - 890-899	87 - 900-909
88 - 910-919	89 - 920-929
90 - 930-939	91 - 940-949
92 - 950-959	93 - 960-969
94 - 970-979	95 - 980-989
96 - 990-999	97 - 1000-1009
98 - 1010-1019	99 - 1020-1029
100 - 1030-1039	101 - 1040-1049
102 - 1050-1059	103 - 1060-1069
104 - 1070-1079	105 - 1080-1089
106 - 1090-1099	107 - 1100-1109
108 - 1110-1119	109 - 1120-1129
110 - 1130-1139	111 - 1140-1149
112 - 1150-1159	113 - 1160-1169
114 - 1170-1179	115 - 1180-1189
116 - 1190-1199	117 - 1200-1209
118 - 1210-1219	119 - 1220-1229
120 - 1230-1239	121 - 1240-1249
122 - 1250-1259	123 - 1260-1269
124 - 1270-1279	125 - 1280-1289
126 - 1290-1299	127 - 1300-1309
128 - 1310-1319	129 - 1320-1329
130 - 1330-1339	131 - 1340-1349
132 - 1350-1359	133 - 1360-1369
134 - 1370-1379	135 - 1380-1389
136 - 1390-1399	137 - 1400-1409
138 - 1410-1419	139 - 1420-1429
140 - 1430-1439	141 - 1440-1449
142 - 1450-1459	143 - 1460-1469
144 - 1470-1479	145 - 1480-1489
146 - 1490-1499	147 - 1500-1509
148 - 1510-1519	149 - 1520-1529
150 - 1530-1539	151 - 1540-1549
152 - 1550-1559	153 - 1560-1569
154 - 1570-1579	155 - 1580-1589
156 - 1590-1599	157 - 1600-1609
158 - 1610-1619	159 - 1620-1629
160 - 1630-1639	161 - 1640-1649
162 - 1650-1659	163 - 1660-1669
164 - 1670-1679	165 - 1680-1689
166 - 1690-1699	167 - 1700-1709
168 - 1710-1719	169 - 1720-1729
170 - 1730-1739	171 - 1740-1749
172 - 1750-1759	173 - 1760-1769
174 - 1770-1779	175 - 1780-1789
176 - 1790-1799	177 - 1800-1809
178 - 1810-1819	179 - 1820-1829
180 - 1830-1839	181 - 1840-1849
182 - 1850-1859	183 - 1860-1869
184 - 1870-1879	185 - 1880-1889
186 - 1890-1899	187 - 1900-1909
188 - 1910-1919	189 - 1920-1929
190 - 1930-1939	191 - 1940-1949
192 - 1950-1959	193 - 1960-1969
194 - 1970-1979	195 - 1980-1989
196 - 1990-1999	197 - 2000-2009
198 - 2010-2019	199 - 2020-2029
200 - 2030-2039	201 - 2040-2049
202 - 2050-2059	203 - 2060-2069
204 - 2070-2079	205 - 2080-2089
206 - 2090-2099	207 - 2100-2109
208 - 2110-2119	209 - 2120-2129
210 - 2130-2139	211 - 2140-2149
212 - 2150-2159	213 - 2160-2169
214 - 2170-2179	215 - 2180-2189
216 - 2190-2199	217 - 2200-2209
218 - 2210-2219	219 - 2220-2229
220 - 2230-2239	221 - 2240-2249
222 - 2250-2259	223 - 2260-2269
224 - 2270-2279	225 - 2280-2289
226 - 2290-2299	227 - 2300-2309
228 - 2310-2319	229 - 2320-2329
230 - 2330-2339	231 - 2340-2349
232 - 2350-2359	233 - 2360-2369
234 - 2370-2379	235 - 2380-2389
236 - 2390-2399	237 - 2400-2409
238 - 2410-2419	239 - 2420-2429
240 - 2430-2439	241 - 2440-2449
242 - 2450-2459	243 - 2460-2469
244 - 2470-2479	245 - 2480-2489
246 - 2490-2499	247 - 2500-2509
248 - 2510-2519	249 - 2520-2529
250 - 2530-2539	251 - 2540-2549
252 - 2550-2559	253 - 2560-2569
254 - 2570-2579	255 - 2580-2589
256 - 2590-2599	257 - 2600-2609
258 - 2610-2619	259 - 2620-2629
260 - 2630-2639	261 - 2640-2649
262 - 2650-2659	263 - 2660-2669
264 - 2670-2679	265 - 2680-2689
266 - 2690-2699	267 - 2700-2709
268 - 2710-2719	269 - 2720-2729
270 - 2730-2739	271 - 2740-2749
272 - 2750-2759	273 - 2760-2769
274 - 2770-2779	275 - 2780-2789
276 - 2790-2799	277 - 2800-2809
278 - 2810-2819	279 - 2820-2829
280 - 2830-2839	281 - 2840-2849
282 - 2850-2859	283 - 2860-2869
284 - 2870-2879	285 - 2880-2889
286 - 2890-2899	287 - 2900-2909
288 - 2910-2919	289 - 2920-2929
290 - 2930-2939	291 - 2940-2949
292 - 2950-2959	293 - 2960-2969
294 - 2970-2979	295 - 2980-2989
296 - 2990-2999	297 - 3000-3009
298 - 3010-3019	299 - 3020-3029
300 - 3030-3039	301 - 3040-3049
302 - 3050-3059	303 - 3060-3069
304 - 3070-3079	305 - 3080-3089
306 - 3090-3099	307 - 3100-3109
308 - 3110-3119	309 - 3120-3129
310 - 3130-3139	311 - 3140-3149
312 - 3150-3159	313 - 3160-3169
314 - 3170-3179	315 - 3180-3189
316 - 3190-3199	317 - 3200-3209
318 - 3210-3219	319 - 3220-3229
320 - 3230-3239	321 - 3240-3249
322 - 3250-3259	323 - 3260-3269
324 - 3270-3279	325 - 3280-3289
326 - 3290-3299	327 - 3300-3309
328 - 3310-3319	329 - 3320-3329
330 - 3330-3339	331 - 3340-3349
332 - 3350-3359	333 - 3360-3369
334 - 3370-3379	335 - 3380-3389
336 - 3390-3399	337 - 3400-3409
338 - 3410-3419	339 - 3420-3429
340 - 3430-3439	341 - 3440-3449
342 - 3450-3459	343 - 3460-3469
344 - 3470-3479	345 - 3480-3489
346 - 3490-3499	347 - 3500-3509
348 - 3510-3519	349 - 3520-3529
350 - 3530-3539	351 - 3540-3549
352 - 3550-3559	353 - 3560-3569
354 - 3570-3579	355 - 3580-3589
356 - 3590-3599	357 - 3600-3609
358 - 3610-3619	359 - 3620-3629
360 - 3630-3639	361 - 3640-3649
362 - 3650-3659	363 - 3660-3669
364 - 3670-3679	365 - 3680-3689
366 - 3690-3699	367 - 3700-3709
368 - 3710-3719	369 - 3720-3729
370 - 3730-3739	371 - 3740-3749
372 - 3750-3759	373 - 3760-3769
374 - 3770-3779	375 - 3780-3789
376 - 3790-3799	377 - 3800-3809
378 - 3810-3819	379 - 3820-3829
380 - 3830-3839	381 - 3840-3849
382 - 3850-3859	383 - 3860-3869
384 - 3870-3879	385 - 3880-3889
386 - 3890-3899	387 - 3900-3909
388 - 3910-3919	389 - 3920-3929
390 - 3930-3939	391 - 3940-3949
392 - 3950-3959	393 - 3960-3969
394 - 3970-3979	395 - 3980-3989
396 - 3990-3999	397 - 4000-4009
398 - 4010-4019	399 - 4020-4029
400 - 4030-4039	401 - 4040-4049
402 - 4050-4059	403 - 4060-4069
404 - 4070-4079	405 - 4080-4089
406 - 4090-4099	407 - 4100-4109
408 - 4110-4119	409 - 4120-4129
410 - 4130-4139	411 - 4140-4149
412 - 4150-4159	413 - 4160-4169
414 - 4170-4179	415 - 4180-4189
416 - 4190-4199	417 - 4200-4209
418 - 4210-4219	419 - 4220-4229
420 - 4230-4239	421 - 4240-4249
422 - 4250-4259	423 - 4260-4269
424 - 4270-4279	425 - 4280-4289
426 - 4290-4299	427 - 4300-4309
428 - 4310-4319	429 - 4320-4329
430 - 4330-4339	431 - 4340-4349
432 - 4350-4359	433 - 4360-4369
434 - 4370-4379	435 - 4380-4389
436 - 4390-4399	437 - 4400-4409
438 - 4410-4419	439 - 4420-4429
440 - 4430-4439	441 - 4440-4449
442 - 4450-4459	443 - 4460-4469
444 - 4470-4479	445 - 4480-4489
446 - 4490-4499	447 - 4500-4509
448 - 4510-4519	449 - 4520-4529
450 - 4530-4539	451 - 4540-4549
452 - 4550-4559	453 - 4560-4569
454 - 4570-4579	455 - 4580-4589
456 - 4590-4599	457 - 4600-4609
458 - 4610-4619	459 - 4620-4629
460 - 4630-4639	461 - 4640-4649
462 - 4650-4659	463 - 4660-4669
464 - 4670-4679	465 - 4680-4689
466 - 4690-4699	467 - 4700-4709
468 - 4710-4719	469 - 4720-4729
470 - 4730-4739	471 - 4740

10-851

882444

COMMONWEALTH OF PENNSYLVANIA

PENNA. STATE POLICE

TI-39027-SE

POLICE ACCIDENT
REPORT SUPPLEMENTAL

LANCASTER PA 17301
JUN 27 1981
JUN 27 1981
T-11-1
62-81

NAMES OF ALL OPERATORS

DUNN, TERRY DUNN

LANCASTER

LANCASTER

LEGALLY PARKED

ILLEGALLY PARKED

HIT & RUN

SUPPLEMENTAL CITATION INFORMATION

A	B	C	D	E	F	G	NAME	ADDRESS	H	J	K	L	M	N

ILLEGAL

SUDDENLY SHE HEARD A NOISE SIMILAR TO A BLOWN TIRE AND LOST CONTROL OF THE VEHICLE.

CPA T. DUNN PSP LANCASTER PA IN A "POLICE" UNIT #1 AT THE SPARK BRACKEN GARAGE.

TODAY LEFT PSP LANCASTER INSPECTED THE UNIT #1 AT THE SPARK BRACKEN GARAGE.

CPA T. DUNN A "POLICE" UNIT #1 AT THE SPARK BRACKEN GARAGE.

INSPECTED AT THE SPARK BRACKEN GARAGE AND REPAIRED THE DAMAGED TIRE.

INSPECTED BY CPA T. DUNN AND TPA T. GILLY PSP LANCASTER PA.

FOR ALCOHOL TEST TYPES - BLOCKS 41 AND 44 USE THE FOLLOWING CODES:

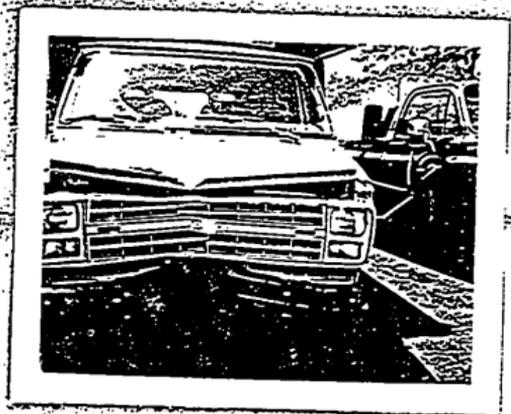
1. BLOOD

2. BREATH

3. URINE

4. TEST REFUSED

8. OTHER CHEMICAL



000174

Nationwide Mutual Insurance Company
 Nationwide Mutual Fire Insurance Company
 Nationwide Property and Casualty Insurance Company
 Nationwide General Insurance Company
 Nationwide Indemnity Insurance Company

ESTIMATE OF REPAIRS

Claim No. 58 119004
 Type Loss BR4NL59605
 Loss Date 6/3/87
 01

POLICYHOLDER
 William Sweigaart

Policy No. 583A00082
 PHOTOGRAPHS YES NO
 DRIVE-IN ESTIMATE
 FIELD ADJUSTER EST.
 P.M. COMP COLL
 CLMT P.H. SUB
 Assign. Date 6/19/87
 Contact Date 6/18
 Estimate Date 6/18

VEHICLE OWNERS NAME
 VEHICLE OWNERS ADDRESS (Incl. City, State & Zip)
 5100 Diem Rd
 New Holland, PA 17557



Home Tel. Bus. Tel.
 Year 85 Complete V.I.N. 26BHG31M1F4139605
 Make Chev Mileage 6847
 Model License No. SR-20758
 Body Style

INDICATE - SWAY, SAG, WASH, DIAMOND, TWIST AND AMOUNT OF DAMAGE IN INCHES

Cylinders: Four Six Eight Engine CID
 Transmission: Auto S-Speed A-Speed S-Speed
 Brakes: Standard Power Disc
 Steering: Standard Power Tilt Wheel
 Radio: AM FM Stereo AM FM Tape Deck
 Air Conditioning Vinyl Top CB Radio

Other Special Equipment Heavy duty cooling C30 V-8 auto 3spd (V05 heavy duty cooling)

RPR	RPL	DETAILS OF REPAIRS AND/OR REPLACEMENT (See reverse side for explanation of abbreviations)	PARTS	LABOR	PAINT	SUBLET
<input checked="" type="checkbox"/>		Face bar (Keystone)	80.00	1.0	0.7	
<input checked="" type="checkbox"/>		L 2 R Outer Bracket @ 9.90	19.80	.4		
<input checked="" type="checkbox"/>		L & R Tupper bracket @ 12.30	24.60	.4		
<input checked="" type="checkbox"/>		Grill	103.00	.4		
<input checked="" type="checkbox"/>		Upper grill mtd	11.55	.2		
<input checked="" type="checkbox"/>		Lower grill mtd	11.55	.2		
<input checked="" type="checkbox"/>		Emblem	12.40	.2		
<input checked="" type="checkbox"/>		Upper tie bar	46.50	.6		
<input checked="" type="checkbox"/>		Lower tie bar	37.75	.8	1.0	
<input checked="" type="checkbox"/>		R & L Headlamp door @ 26.25	52.50	1.2		
		Amplamps		.5		
<input checked="" type="checkbox"/>		Radiator (Quote from Radiator Aid)	295.00	1.2		
<input checked="" type="checkbox"/>		Center support	8.20	0.2		
<input checked="" type="checkbox"/>		R & L Radiator side baffles @ 36.50	73.00	4.0		
<input checked="" type="checkbox"/>		Front cross sill	84.00	2.6		
<input checked="" type="checkbox"/>		Antifreeze				6.00
<input checked="" type="checkbox"/>		Hood	190.00	.8	3.1	
<input checked="" type="checkbox"/>		Reletter hood		1.0		

Mileage Green Factory Parts Repair Discount Hour TOTALS

NOTICE TO OWNER: PLEASE SHOW THIS ESTIMATE TO GARAGE BEFORE REPAIRS ARE STARTED
 NOTICE TO GARAGE: Collision Deductible and Depreciation, if any, have been deducted from our check.
 Car Owner is to pay Grand Total for above repairs. This is an estimate only and not an authorization to repair.
 ADDITIONAL PAYMENT WILL BE MADE ONLY WITH APPROVAL PRIOR TO REPAIR. * Repairing Carnose.

Must furnish Insurance Companies their Tax Identification Number (TIN) before direct payment is made.
 NOTE: THIS VEHICLE IS SUBJECT TO REINSPECTION BY NATIONWIDE INSURANCE COMPANY.
 SHOP CHOICE, OWNER WILL ADVISE COMPANY SUGGESTED
 A COPY OF THIS AGREEMENT WAS LEFT WITH THE OWNER OR THE OWNER'S REPRESENTATIVE. YES NO
 GARAGE AGREEMENT: We agree to repair and guarantee workmanship for the price indicated.
 ILLINOIS LAW REQUIRES THAT VEHICLE REPAIRERS MUST BE LICENSED IN ACCORDANCE WITH SECTION 5-301 OF THE ILLINOIS VEHICLE CODE.

Total Parts	\$	
Total Labor	\$	
Paint	\$	
Sublet	\$	
Taxable Amount	\$	
Tax	\$	
GRAND TOTAL	\$	
Depreciation	\$	
To Be Paid By Car Owner	\$	

Name: _____
 Address: _____
 By: _____ Date: _____
 Signature: _____
 TITLE NUMBER: _____

Adjuster Name: _____
 Address: _____
 Phone: _____
 Adjuster's License No. _____

0111175

Nationwide Mutual Fire Insurance Company
 Nationwide Property and Casualty Insurance Company
 Nationwide General Insurance Company
 Nationwide Indemnity Insurance Company

Claim No.
 Claim Key

Type
 Loss

Loss
 Date

POLICYHOLDER

Survivor

Policy
 No.

DRIVE-IN ESTIMATE
 FIELD ADJUSTER EST.
 P.H. COMP COLL.
 CLMT P.H. SUB

Assign.
 Date

Contact Date

Estimate No.

VEHICLE OWNER'S NAME

PHOTOGRAPHS
 YES NO

VEHICLE OWNER'S ADDRESS (incl. City, State & Zip)



Home
 Tele.

Bus.
 Tele.

INDICATE - SWAY, SAG, WASH, DIAMOND, TWIST AND AMOUNT OF DAMAGE IN INCHES

Year

Complete
 V.I.N.

Make

Mileage
 License
 No.

Cylinders: Four Six Eight Engine CID
 Transmission: Auto 5-Speed 4-Speed 5-Speed
 Brakes: Standard Power Disc
 Steering: Standard Power Tilt Wheel
 Radio: AM FM Stereo: AM FM Tape Deck
 Air Conditioning Vinyl Top C B Radio

Other Special Equipment

RPR	RPL	DETAILS OF REPAIRS AND/OR REPLACEMENT (See reverse side for explanation of abbreviations)	PARTS	LABOR	PAINT	SUBLET
		Repaint cowl panel		£	1.0	
	✓	Hood latch	16.40	1.00		
	✓	Hood safety	3.00	1.00		
	✓	L. Hood hinge	18.50	0.20		
	✓	L. Lower control arm G. 3.	354.00	1.0		
	✓	L. Stabilizer shaft	54.50	.7		
		Alignment end		1.6		
		Paint & Materials				58.0
		Steering suspension, braking systems				OPEN

Mileage Cash Factory Parts Repair Hours Per Hour TOTALS 1486.25 18.0 5.8

NOTICE TO OWNER: PLEASE SHOW THIS ESTIMATE TO DAMAGE BEFORE REPAIRS ARE STARTED

NOTICE TO GARAGE: Collision Deductible and Depreciation, if any, have been deducted from our check. Car Owner is to pay Grand Total for above repairs. This is an estimate only and not an authorization to repair.

ADDITIONAL PAYMENT WILL BE MADE ONLY WITH APPROVAL PRIOR TO REPAIR. * Repairing Garages must furnish insurance Companies their Tax Identification Number (TIN) before direct payment is made.

NOTE: THIS VEHICLE IS SUBJECT TO REINSPECTION BY NATIONWIDE INSURANCE COMPANY.

SHOP CHOICE OWNER WILL ADVISE COMPANY SUGGESTED BUYER NO

GARAGE AGREEMENT: We agree to repair and guarantee workmanship for the price indicated. ILLINOIS LAW REQUIRES THAT VEHICLE REPAIRERS MUST BE LICENSED IN ACCORDANCE WITH SECTION 5-301 OF THE ILLINOIS VEHICLE CODE.

Name: _____
 Address: _____
 By: _____
 (Signature) Date _____
 TIN NUMBER _____
 AFD 325-1

Adjuster: Wendy L. Grest
 Address: PO Box 96
Holtwood, PA 17532
 Phone: 393-1298
 Adjuster's License No. 3001456

Total Parts	\$ 1486.25
Total Labor	\$ 396.00
Paint	\$ 127.60
Sublet	\$ 58.00
Taxable Amount	\$ 2067.85
Tax	\$ 124.07
GRAND TOTAL	\$ 2191.92
Depreciation	\$ /
To Be Paid By Car Owner	\$ 250.00

PI 48845 23
03-00-001
PAGE: 1

CR25A - GM1241
08/15/87
04:26

AUTOMOTIVE DIVISION COMPLETING REPORT

REPORT DATE: 08/14/87
PTP76- 287
DESIGNATION CODE

REPORT OF PRELIMINARY INVESTIGATION

SERIOUS INCIDENTS SHOULD BE IMMEDIATELY REPORTED BY TELEPHONE TO NEAREST OFFICE OF ROYAL-GLOBE INSURANCE COMPANIES. 85 63

REF # - 870272118

DATE OF INCIDENT: 07/14/87 09:99

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX I OWNER - CLAIMANT XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
NAME OF OWNER: MICHAEL MUMMA AGE: 35
ADDRESS: 8 SUNNYKING DR. REISTERSTOWN, MD PHONE NO: 301-526-6490
NAME OF DRIVER: AGE: 0
ADDRESS: PHONE NO: -
NAME OF CLAIMANT: AGE: 0
ADDRESS: PHONE NO: -

IS CLAIMANT REPRESENTED BY AN ATTORNEY? YES X 10
IF YES, GIVE NAME AND ADDRESS:

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX II VEHICLE XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MAKE: CHEVROLET VIN: 2GCHG31M8F4151858 YEAR: 85 MODEL: 64
TRANS: THM 400 AXLE: STD ENGINE: 5-7 V-8 MILEAGE: 61007

DATE OF DEL: 09/28/85 NEW,USED,OR DEMO: U LICENSE NUM: 642476 STATE: MD
DEALER: HERITAGE CHEVROLET, INC. ADDRESS: OWINGS MILLS MD
INSP. STICKER NUM: INSP. STATION NO: EXP DATE: 00/00/00

PRINCIPLE USES OF VEHICLE: PASSENGER USE-- (CUSTOM VAN)
SPECIAL VEHICLE FEATURES OR EQP: CUSTOMIZED VAN
IF VEHICLE IS A TRUCK, STATE GROSS PAYLOAD AND LOCATION AND DESCRIPTION OF
LOAD AT TIME OF INCIDENT: NONE NONE NONE

NATURE AND EXTENT OF DAMAGES AND ESTIMATED COST OF REPAIRS: 600
(ATTACH COPY OF ESTIMATE) COLLISION DAMAGE TO UNDERBODY-- TIE RODS,
CONTROL ARMS

IS VEHICLE SUBJECT TO ANY PRODUCT CAMPAIGN? X YES NO IF YES, IDENTIFY
CAMPAIGN(S):

WAS CAMPAIGN PERFORMED? YES NO
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX III PROPERTY DAMAGE XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

HAS ANOTHER VEHICLE INVOLVED? NO MAKE, MODEL OF VEHICLE:
OTHER VEHICLE SPEED ESTIMATE: 0 MPH BY WHOM:

NAME AND ADDRESS OF OWNER:
NAME AND ADDRESS OF DRIVER:

EXTENT OF DAMAGE:
HAS PROPERTY (OTHER THAN MOTOR VEHICLE) DAMAGED? (STATE KIND, NAME OF OWNER,
AND EXTENT OF DAMAGE):

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX BODILY INJURY XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
INDICATE FOLLOWING INFORMATION ON INJURIES AND WHETHER THE INJURED PERSON(S)
WERE RIDING IN (A) OWNER'S VEHICLE, (B) OTHER VEHICLE, (C) PEDESTRIAN OR
(D) OTHER:

- (1) NAME AND ADDRESS: MICHAEL MUMMA - 8 SUNNY KING DR. REISTERSTOWN MD
AGE: 35 CODE A,B,C, OR D: A SEATING POSITION: DRIVER
NATURE OF INJURIES: STRAINED MUSCLES IN ARMS & LOWER BACK
- (2) NAME AND ADDRESS:
AGE: 0 CODE A,B,C, OR D: SEATING POSITION:
NATURE OF INJURIES:
- (3) NAME AND ADDRESS:
AGE: 0 CODE A,B,C, OR D: SEATING POSITION:
NATURE OF INJURIES:
WHERE TREATED AND BY WHOM: 1

000172

CR25A GM1241
08/15/87
04:26

AUTOMOTIVE DIVISION COMPLETING REPORT

PAGE: 2

REF # - 870272118

XXX V INVESTIGATION XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
HOW, WHEN AND BY WHOM HAS THE ZONE NOTIFIED OF INCIDENT? TELEPHONE 07/17/87 ON
NER

LOCATION OF INCIDENT (DESIGNATE EXACT LOCATION): I 795 & RIGHTNESS RD.

KIND OF ROAD	X CONCRETE	GRAVEL	ASPHALT	CRUSHED ROCK	DIRT
CONDITION OF ROAD	WET	X DRY	ICY	OTHER	
KIND OF SHOULDER	X CONCRETE	GRAVEL	ASPHALT	CRUSHED ROCK	DIRT
CONDITION OF SHOULDER:	WET	X DRY	ICY	OTHER	

NATURE OF WEATHER: CLEAR
(IF ANY, DESCRIBE): NONE

VISION OBSTRUCTION

NAME AND ADDRESS OF DEALER WHO TOWED (INCLUDE TOW DRIVER'S NAME), STORED, AND/OR
PROVIDED TEMPORARY SERVICE TO DAMAGED VEHICLE: HERITAGE CHEVROLET
OWINGS MILLS, MD UNKNOWN
WHERE CAN VEHICLE BE SEEN? VEH IS AT THE DLR LISTED ON BASE SCREEN
DID VEHICLE TURN OVER? YES X NO VEHICLE SPEED ESTIMATE: 45 MPH
SOURCE OF SPEED ESTIMATE: OWNER POSTED SPEED LIMIT: 45 MPH

BRAND AND SIZE TIRES:	UNKNOWN							
CONDITION	R.F.	GOOD	POOR	FLAT	R.R.	GOOD	POOR	FLAT
OF TIRES:	L.F.	GOOD	POOR	FLAT	L.R.	GOOD	POOR	FLAT

OTHER (TRUCK OR SPARE):

DID YOUR SEARCH OF THE VEHICLE SERVICE HISTORY PRODUCE SERVICE
REPAIR ORDERS? X YES NO
IF 'YES', ATTACH COPIES OF ALL R.O.'S (INDICATE HOW MANY 01; IF 'NO' EXPLAIN

POLICE REPORT ATTACHED? YES NO IF 'NO', WHAT STATION OR OFFICER MADE
REPORT? (X NO REPORT FILED)

NAMES AND ADDRESSES OF WITNESSES:

WERE PHOTOS TAKEN? X YES NO IF 'YES', HOW MANY? 4 AND BY WHOM?
(NAME/ADDRESS): JOHN A THOMAS 1395 PICCARD DR., ROCKVILLE, MD
NOTE: FURNISH PHOTOS TO ROYAL-GLOBE INSURANCE COMPANIES LOCAL OFFICE WITH
FORM. FORWARD NEGATIVES TO CENTRAL (HOME) OFFICE.

NAME OF ROYAL REPRESENTATIVE, IF PRESENT, AT THE INVESTIGATION: NONE

XXX VI DESCRIPTION OF CLAIM XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
DRIVER'S DESCRIPTION AS TO HOW INCIDENT HAPPENED AND DRIVER'S STATEMENT OF
THE INCIDENT'S CAUSE: OWNER WAS COMING OFF FREEWAY RAMP
WHEN HE HEARD A LOUD NOISE IN THE FRONT OF THE VEHICLE. THE VEHICLE
DROPPED DOWN AND HE LOST CONTROL.

DID YOU PERSONALLY SPEAK WITH DRIVER? X YES NO IF 'NO' GIVE SOURCE OF
DRIVER'S DESCRIPTION:

HAS VEHICLE INSPECTED? YES X NO IF 'YES' IDENTIFY ALL
PARTIES:

WHAT VEHICLE COMPONENTS ARE ALLEGEDLY DEFECTIVE? LOWER A FRAME
WHO MADE ALLEGATION OF DEFECT? OWNER
IF THE ALLEGED DEFECTIVE PART HAS BEEN REMOVED FROM THE VEHICLE, INCLUDING
EXACT PART(S), PRESENT LOCATION AND WHO IS CUSTODIAN: PHIL DAY
CONTROL ARM & BALL JOINT HERITAGE CHEVROLET, OWINGS MILLS, MD

INFORMATION FROM FURTHER INVESTIGATION IF INCIDENT, INCLUDING EXAMINATION OF
VEHICLE AND SCENE OF INCIDENT: THE OWNER WAS CALLED AND ADVISED THAT TWO
BREAKS WERE FOUND IN THE CONTROL ARM. ONE BREAK WAS THE RESULT OF IMPACT
THAT OCCURRED SOME TIME AGO AND CAUSED THE ARM TO SPLIT IN THE BALL JOINT
AREA.

000178

GROUP  **PRODUCT SERVICE REPORT**

TO Fleet Dept Jim Q

T&B 451A Rev 2/83

REPORT NO.:
 REPORT TYPE:
 LINE CODE:
 FROM: P.E. PINERBOLT
 DEALER CODE:
 DOUBLE CODE:
 VIN: 1GDNAP3R2J6F351093918
 MODEL: P3500 MILEAGE: 6700
 CUSTOMER: AMERICAN GARAGE

PR: 15 ICE
 '87 01 15 A
 FACTORY USE ONLY:

PIN FAILED PART: 15594133
 ENGINE S/N: 6-2
 TRANS S/N:
 AXLE S/N:
 OTHER:
 PARTS RETURN:
 YES NO SCRAPPED
 PRODUCT SERVICE - ATTN: FOR PECKER
 PLANT (ASSEMBLY)
 OTHER See Pinerman's attention

OWNER COMPLAINT LOWER BALL JOINT SEPARATED FROM LOWER CONTROL ARM - LEFT SIDE
7.25"

ILLEGIBLE

WHAT WAS FOUND THE LOWER CONTROL ARM 15594133 DEVELOPED CRACKING AROUND BALL JOINT SEATING AREA. - EVENTUALLY BALL JOINT SEPARATED FROM LOWER CONTROL ARM. - VEH. WENT TO REST STOP IN

TYPE OF OPERATION (SPECIAL EQUIP?) BEHIND TRUCK (W/ENGINE)
 HOW WAS PROBLEM CORRECTED TOOK TO PERCENTRE. PART 140-277 LOWER CONTROL ARM 15594133 - 2 THE PROBLEMS WERE FIXED. ALSO FRONT END COMPLETELY ALIGNED. EXPENSE \$535.00

EXTENT OF CONDITION UNUSUAL KNOWS TO ME

SIGNATURE Robert S. Pinerbolt TITLE Fleet Manager DATE 9/30/87

FACTORY USE ONLY

1001/181



From the desk of
P.F. (Paul) Birsa

13077

9-28-89

1GDHP30IGF3508398

10-1-85 D.D

\$6,700 inc

PT #

15594133 Lower Control ARM

you
 parts arrived
 This will not
 fix door lock
 also get to next
 job w/ I.R
 Karber

CRACKS AROUND Ball JOINT

SEAT -

Ball JOINT Separated From
CONTROL ARM

ILLEGIBLE



000182

AMERICAN BAKERIES
1985 GMC

DELIVERY DATE 10-1-85
SER # 1GDHP32J6F3-

508398

MILEAGE 56746

- 1- L LOWER CONTROL ARM
PART # 15594133
- 2- LOWER UPPER BALL JOINT
- 2 TIE ROD ENDS

AS PER:
BOB RINEBOLT

0001184

24
24A
24B

E NUMBER: 00474157 SYMPTOM ABSTRACT- LEFT LOHER CONTROL ARM BROKEN
RESOLUTION ABSTRACT-
PART NUMBERS-
BULLETIN NUMBERS-

DESCRIPTION DATA

ALER CODE- T06171
ALER NAME- DAY BROTHERS
ALER CITY- AUBURN
ALER STATE- MA
ALER REP TITLE- SM CHARLES ROBAR
ALER IDENTIFIER- 10DHP32J03503115
ALR SERIES- 86P3
LEAGUE- 039552
MPTOM COMPONENT- SUSP
MPTOM TYPE -<H> 217
SION LEVEL -<H> 217
C CODE DESCRIPTION- CONTROL ARMS
C-1 CODE 2- 800
C-2 DESCRIPTION- POSSIBLE SAFETY
C-3 CODE 3-
C-3 DESCRIPTION-

RESOLUTION DATA

DISPOSITION- -<H> I
DATE CLOSED- -<H>
SOLUTION KNOWN- -<H> NO
LABOR CODE- -<H>
RESOLUTION UCC-
RESOLUTION CODE-
RES COMPONENT-
ORIGINAL CASE ID-
DIVISION ASSIGNED<H>
PROBLEM IMPACT- -<H>
SSC LETTER CODE- -<H>

RECORD CONTROL DATA

DATE OPENED- 12/17/87
TIME OPENED- 15:10
DATE ENTERED- 12/17/87
TIME ENTERED- 15:24
TECHNICAL REP- RUDOLPH
TSD IDENTIFIER- ARNOLDSTEIGICH
OHNING CLASS- -<H>
DATE ALTERED- -<H> 12/17/87
TIME ALTERED- 15:34
USER LAST ALTERED- -<H> H48CHAS
UPDATE COUNT <R=9/0K>
<R1=01>
NEW CASE
<02-09>

XT. 12/17/87 15:24 H48CHAS

12/17/87 15:34 H48CHAS
12/17/87 15:24 H48CHAS

12/17/87 15:34 H48CHAS

86 P3 LEFT LOHER CONTROL ARM BROKE AT BETWEEN THE BALL JOINT
E, 4' BEHIND THE JOINT. TOP OF LOWER CONTROL ARM STRUCK THE
E, BALL JOINT. THE ARM ACTUALLY BREAKS AND CONTACTS THE GROUND.
FLEET IS THE TELEGRAM 70AZZETTE- HORCESTER, MA. FLEET OF 12
VEHICLES 50/50 CITY / SUB DRIVING
THO OTHER VEHICLES ARE INVOLVED 10DHP32HXF3507670 105,408 MI
10DHP32J0G3503117 57,652 MI

DIR SM CHARLIE
REC CONTROL ARMS 1550111
PARTS ARE AVAILABLE FOR INSPECTION SM SAID TRUCKS ARE WELL
MAINTAINED -CARRY NEWSPAPERS 10,000 GVH
TAC CASE SENT TO PROD SERVICE ATTN
FLEET WAS REPLACED THE FAILED ARMS
REC WILL FOLLOW UP REQUEST FT AXLE HEIGHT

000085

RELIABILITY PRODUCT MONITORING
REPAIRS BY MODEL, VIN AND REPAIR DATE
JAGS REPORT A

12/10/87

1985 4 P TRUCK

VIN	REPAIR DATE	FAIL CODE	COMPLAINT	COMPLAINT EXTENSION	FAIL EXTENSION
1G8FP374F342136	870817	017728	SUSPENSION SYSTEM-FRT END BROKEN	ARM-LUR CONT	BROKEN

80001865



RYDER
TRUCK
RENTAL, INC.

WARRANTY
PARTS TAG

1731891

REMARKS
SN# 1G7HP32M7F3506741
MILEAGE 49203

Broken

X370 (3/84)



RYDER
TRUCK
RENTAL, INC.

WARRANTY
PARTS TAG

1731878

REMARKS
SN# 1G7HP32M3F3506736
MILEAGE 51,498

CRACKED

C743

X370 (3/84)



RYDER
TRUCK
RENTAL, INC.

WARRANTY
PARTS TAG

1731876

REMARKS
SN# 1G7HP32M1F3506735
MILEAGE 43,100

cracked

X370 (3/84)

UNIT NO 355856

REPAIR ORDER NO 2227814

DATE OF REPAIR 10-28-87

COMPONENT CENTRAL ARM

IF TIRE A.F.A. (DO NOT STAPLE TO TIRE)

TIRE DOT NO

TIRE LINE NO 1 2 3 4 5 6 7 8
(CIRCLE ONE)

26

UNIT NO 355852

REPAIR ORDER NO 2227887

DATE OF REPAIR 11-13-87

COMPONENT A-FRAME

IF TIRE A.F.A. (DO NOT STAPLE TO TIRE)

TIRE DOT NO

TIRE LINE NO 1 2 3 4 5 6 7 8
(CIRCLE ONE)

27

UNIT NO 385855

REPAIR ORDER NO 2227891

DATE OF REPAIR 11-13-87

COMPONENT A-FRAME

IF TIRE A.F.A. (DO NOT STAPLE TO TIRE)

TIRE DOT NO

TIRE LINE NO 1 2 3 4 5 6 7 8
(CIRCLE ONE)

28

0001187

UNIT NO 355850
REPAIR ORDER NO 4598323
DATE OF REPAIR 11-15-87
COMPONENT A Frame
IF TIRE A F A (DO NOT STAPLE TO TIRE)

TIRE DOT NO _____
TIRE LINE NO 1 2 3 4 5 6 7 8
(CIRCLE ONE)



RYDER
TRUCK
RENTAL, INC.
e 50

WARRANTY
PARTS TAG

REMARKS 1731867
SN# 1GTHP32M4F3506745
miles 62776

cracked

X370 (3/84)

UNIT NO 355853
REPAIR ORDER NO 2207888
DATE OF REPAIR 11-13-87
COMPONENT A-FRAME
IF TIRE A F A (DO NOT STAPLE TO TIRE)

TIRE DOT NO _____
TIRE LINE NO 1 2 3 4 5 6 7 8
(CIRCLE ONE)



RYDER
TRUCK
RENTAL, INC.
e 1

WARRANTY
PARTS TAG

REMARKS 1731879 30
SN# 1GHTP32M3F3506722
MILEAGE 44462

CRACKED

X370 (3/84)

UNIT NO 355849
REPAIR ORDER NO 4598320
DATE OF REPAIR 11-14-87
COMPONENT A Frame
IF TIRE A F A (DO NOT STAPLE TO TIRE)

TIRE DOT NO _____
TIRE LINE NO 1 2 3 4 5 6 7 8
(CIRCLE ONE)



RYDER
TRUCK
RENTAL, INC.
e

WARRANTY
PARTS TAG

REMARKS 1731864
SN# 1GTHP32M9F3506742
miles 50328

cracked

501118

X370 (3/84)

UNIT NO 355851
REPAIR ORDER NO 4598319
DATE OF REPAIR 11-14-87

COMPONENT A Frame
IF TIRE A.F.A. (DO NOT STAPLE TO TIRE)

TIRE DOT NO _____
TIRE LINE NO 1 2 3 4 5 6 7 8
(CIRCLE ONE)

UNIT NO 355848
REPAIR ORDER NO 4598324
DATE OF REPAIR 11-15-87

COMPONENT A Frame
IF TIRE A.F.A. (DO NOT STAPLE TO TIRE)

TIRE DOT NO _____
TIRE LINE NO 1 2 3 4 5 6 7 8
(CIRCLE ONE)

UNIT NO 355858
REPAIR ORDER NO 2227819
DATE OF REPAIR 10-28-87

COMPONENT A-FRAME
IF TIRE A.F.A. (DO NOT STAPLE TO TIRE)

TIRE DOT NO _____
TIRE LINE NO 1 2 3 4 5 6 7 8
(CIRCLE ONE)



WARRANTY PARTS TAG

REMARKS 1731868
SN# 1GTHP32M2F3506734
miles 46725

cracked

X870 (3/84)

32



WARRANTY PARTS TAG

REMARKS 1731865
SN# 1GTHP32M9F3506739
miles 49252

cracked

X870 (3/84)

33



WARRANTY PARTS TAG

REMARKS 1731889
SN# 1GTHP32M2F3506744
miles 61757

cracked 0011-89

34



RYDER
TRUCK
RENTAL, INC.

WARRANTY
PARTS TAG

1731895

REMARKS

SN# 1GTHP32M5F3506737
miles 54567

Broken

C723

X370 (3/84)



RYDER
TRUCK
RENTAL, INC.

WARRANTY
PARTS TAG

1731875

REMARKS

SN# 1GTHP32MDF3506709
MILEAGE 46,172

cracked

X370 (3/84)



RYDER
TRUCK
RENTAL, INC.

WARRANTY
PARTS TAG

1731877

REMARKS

SN# 1GTHP32MDF3506743
MILEAGE 40,218

cracked

X370 (3/84)

UNIT NO 355859

REPAIR ORDER NO 2227714

DATE OF REPAIR 10-5-87

COMPONENT A frame

35

IF TIRE A.F.A. (DO NOT STAPLE TO TIRE)

TIRE DOT NO

TIRE LINE NO 1 2 3 4 5 6 7 8
(CIRCLE ONE)

UNIT NO 355854

REPAIR ORDER NO 2227890

DATE OF REPAIR 11-13-87

COMPONENT A-FRAME

36

IF TIRE A.F.A. (DO NOT STAPLE TO TIRE)

TIRE DOT NO

TIRE LINE NO 1 2 3 4 5 6 7 8
(CIRCLE ONE)

UNIT NO 355857

REPAIR ORDER NO 2227883

DATE OF REPAIR 11-13-87

COMPONENT A-FRAME

37

IF TIRE A.F.A. (DO NOT STAPLE TO TIRE)

TIRE DOT NO

TIRE LINE NO 1 2 3 4 5 6 7 8
(CIRCLE ONE)

UNIT 190



GENERAL MOTORS CORPORATION
TEST INFORMATION REPORT

INCIDENT

REPORT NUMBER	TB-86G-03A-0008TL
ISSUE DATE	09DEC87
RESPONSE REQUIRED	NO
VEHICLE NUMBER	TB GP5817
INCIDENT DATE	31OCT87
DIV REF NUMBER	T.R.A.C.
TEST WORK ORDER	26804-000
MATERIAL DISPOSITION	PART SHIPPED TO T. WEBER

TO (DIVISION) SAGINAW DIVISION	ADDRESSEE G. E. TANNER
FROM (DIVISION) GM TRUCK & BUS ENGINEERING	INITIATOR R. W. GIPSON 8-922-2740 09DEC87

UFC/PNA 3A /0700A ARM ASM-FRT LWR CONT
TROUBLE 0158 CRACKED

PART YEAR/LINE	PART NUMBER	SERIAL NUMBER	ODOMETER MI / CYCLES-HOURS	PART MI / CYCLES-HOURS	
86/G	PT FRAXLE		48,511 /	48,511 /	
SCHEDULE	SCHEDULE % COMPLETE	NR SIMULATION HOURS	VEHICLE TEST MI / CYCLES-HOURS	PART DURABILITY MI / CYCLES-HOURS	
R-15-35	77.0	0	48,044 /	48,044 /	
VEHICLE YEAR LINE DIV	FLEET	MODEL NUMBER	BODY BUILD DATE	VIN	
86/G/BEAUVILLE	PRODUCTION	31306	NONE	2GAGG35M3C4183691	
ENGINE RPO-DISP	TRANSMISSION RPO-TYPE	AXLE RATIO SIZE	TIRE SIZE	WHEEL SIZE	MASS (KG)
LT9/5.7	M40/AUTO	03.73/9.50	8.75X16.5E	7.0X16.5	3,901
POWER STEERING	POWER BRAKE	A/C	CRUISE	SUSPENSION	STD
N40	JB7	C60	NO	STD	

COMMENTS (SUMMARY 1 BACKGROUND 2 SYMPTOMS, 3 ANALYSIS, 4 ACTION TAKEN)

BACKGROUND:

THIS CONDITION WAS OBSERVED DURING ROUTINE CHECKS.

CONDITION:

A CRACK HAS DEVELOPED IN THE FLANGE OF THE LEFT HAND LOWER CONTROL ARM AT THE REAR OF THE BALL JOINT AND IS APPROX. 6MM LONG AT AN ANGLE OF 90DEG. TO THE EDGE.
SEE ATTACHED PHOTO.

ACTION TAKEN:

NEW CONTROL ARM FITTED, THE L.C.A. AS REMOVED IS TO BE RETURNED TO SAGINAW FOR FURTHER INSPECTION AS REQUESTED BY THE D.E.

N.B.

DURING THE REMOVAL OF THE L.C.A. THE BUMPER BRACKET SEPARATED FROM THE T.R.A.C. VEHICLE ON TEST AT MILLBROOK P.G. TIR'S PRIOR TO APRIL 87 WERE MANUAL

RESPONSE (IF REQUIRED)	RESPONSE ADDRESSEE J. R. MC GARRIGLE	APPROVAL R. W. GIPSON 8-922-2740
UFC/PNA TROUBLE		PART NUMBER DIV REF NUMBER

RESPONSE (SUMMARY 1 ANALYSIS 2 CORRECTIVE ACTION, 3 ACTION VERIFICATION, 4 EFFECTIVE DATE)

000091

RESPONSE TYPE FINAL	FINAL DUE BY	RESPONDENT	APPROVAL
------------------------	--------------	------------	----------

INCIDENT COMMENTS CONTINUED FOR TIR TB-86G-03A-0008TL

L.C.A. THIS WAS DUE TO WELD SEPARATION. THIS CONDITION WAS BEING MONITORED AND HAS BEEN RECORDED ON T.I.R. TB-86G-03A-0007TL. SEE ATTACHED PHOTOGRAPH.

INCIDENT PHOTOGRAPHS FOR TIR TB-86G-03A-0008TL

THERE IS(ARE) 2 PHOTOGRAPH(S) ASSOCIATED WITH TIR TB-86G-03A-0008TL
THE ORIGINALS ARE LOCATED AT MILLBROOK PROVING GROUND

PHOTOGRAPH DESCRIPTION(S)
NEGATIVE NO: 871116-1
NEGATIVE NO: 871165

000132

REISSUED(26AUG87)

GENERAL MOTORS CORPORATION
TEST INFORMATION REPORT

INCIDENT

REPORT NUMBER	TB-86C-03A-0002TL
ISSUE DATE	28JUL87
RESPONSE REQUIRED	NO
VEHICLE NUMBER	TB CP6815
INCIDENT DATE	11JUL87
DIV REF NUMBER	T.R.A.C.
TEST WORK ORDER	16803-100

TO (DIVISION) GM TRUCK & BUS ENGINEERING		ADDRESSEE E. L. PAULY			
FROM (DIVISION) GM TRUCK & BUS ENGINEERING		INITIATOR S. MC PHERSON 8*922-2220		DATE 27JUL87	
U/PC/PNA 3A /0700A ARM ASM-FRT LWR CONT TROUBLE 0158 CRACKED					
PART YEAR/LINE 86/C	PART NUMBER 14026581	SERIAL NUMBER	ODOMETER MI /CYCLES/HOURS 51,022 / / /	PART MI /CYCLES/HOURS 51,022 / / /	
SCHEDULE R-15-35 DURABILITY	SCHEDULE % COMPLETE 81.0	RR SIMULATION HOURS 60	VEHICLE TEST MI /CYCLES/HOURS 50,299 / / /	PART DURABILITY MI /CYCLES/HOURS 50,299 / / /	
VEHICLE YEAR, LINE, DIV 86/C/CHEVROLET	FLEET PRODUCTION	MODEL NUMBER 30903	BODY BUILD DATE NONE	VIN 1GCHC34W5GJ157103	
ENGINE RPO, DISP LEB/7.4	TRANSMISSION RPO TYPE M40/AUTO	AXLE RATIO, SIZE 04.56/	TIRE SIZE LTZ15/75R16D	WHEEL SIZE 16X6J	MASSING) 4,603
POWER STEERING N41	POWER BRAKE YES	A/C C60	CRUISE K34	SUSPENSION STD	
COMMENTS (SUMMARY, 1 BACKGROUND, 2 SYMPTOMS, 3 ANALYSIS, 4 ACTION TAKEN)					
TIR REISSUED ON 08/26/87 TO CHANGE RESPONSE REQD FROM YES TO NO NO RESPONSE REQUIRED IN ACCORDANCE WITH REVISIONS TO TRAC TIR RULES.					
BACKGROUND: THIS CONDITION WAS OBSERVED DURING A REGULAR DURABILITY INSPECTION.					
CONDITION OBSERVED: THE LH FLCA HAD A CRACK 8MM LONG EMANATING FROM THE FREE EDGE AT THE REAR OF THE ARM AT THE POINT WHERE THE LCA STIFFENING FLANGE RUNS OUT (APPROX. 20MM INBOARD FROM THE BALL JOINT CENTRELINE) SEE ATTACHED PHOTOGRAPH.					
THE CRACK WAS 0.8 MM WIDE AT THE FREE EDGE OF THE ARM.					
TRAC VEHICLE RUNNING AT MILLBROOK P.G. (TIRS PRIOR TO APRIL 87 MANUAL)					
RESPONSE (IF REQUIRED)		RESPONSE ADDRESSEE J. R. MC GARRIGLE	APPROVAL S. MC PHERSON 8*922-2220		
U/PC/PNA / TROUBLE		PART NUMBER		DIV REF NUMBER T.R.A.C.	
RESPONSE (SUMMARY, 1 ANALYSIS, 2 CORRECTIVE ACTION, 3 ACTION VERIFICATION, 4 EFFECTIVE DATE)					
FINAL RESPONSE: THIS TIR SHOULD BE REASSIGNED TO ADDRESSEE AS 'NO RESPONSE REQUIRED' IN ACCORDANCE WITH REVISIONS TO TRAC TIR RULES J.R. MC GARRIGLE FOR E.L. PAULY 26 AUG 87 Reassign to (TB) GM TRUCK & BUS as Responsible Division. Parts and/or photos shall be returned to the tir originating division coordinator.					
RESPONSE TYPE FINAL	FINAL DUE BY 25OCT87	RESPONDENT E. L. PAULY 8*226-5526	26AUG87	APPROVAL E. L. PAULY 8*226-5526	26AUG87

G
M
R
E
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C
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D

000033

INCIDENT COMMENTS CONTINUED FOR TIR TB-86C-03A-0002TL

ACTION:

A NEW FLCA WAS FITTED AND THE VEHICLE WAS RETURNED TO SCHEDULE.

INCIDENT PHOTOGRAPHS FOR TIR TB-86C-03A-0002TL

THERE IS(ARE) 1 PHOTOGRAPH(S) ASSOCIATED WITH TIR TB-86C-03A-0002TL
THE ORIGINALS ARE LOCATED AT MILLBROOK PROVING GROUND

PHOTOGRAPH DESCRIPTION(S)
NEGATIVE NO:
8707107 FLCA SHOWING CRACK.

000034

GENERAL MOTORS CORPORATION

TEST INFORMATION REPORT

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INCIDENT EOT SUMMARY

DIV GM Truck & Bus		ADDRESSEE E. L. Stura 2202-8		RESPONSE METHOD YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
FROM (DIV) GM Truck Group Milford Proving Ground		INITIATOR M. T. Prater 9015-MPG		MATERIAL DEPOSITION Shipped to addressee. SR# 070CTR6	
PART NAME (AND VENDOR IF APPLICABLE) Control Arm Assembly Left Front Lower Left Hand				SERIAL NO.	TROUBLE & CODE Cracked - 005
VEH. YPLATE/NAME/PLATE 87 G	PROCD PROTD	Y PLOT OTHER	VIN & BODY ID 2GCHG31K6H410005		MODEL NO CG31603/E38
PART YEAR/LINE 87 G	ENGINE PWD & DISPL L05/5.7 L	TRANS PWD N40	AXLE RATIO/GEZ 4.10	TIRE SIZE 8.00 x 16.5	WHEEL SIZE
VEHICLE NO GC7812	COOH MILES 8,755	VEH TEST MILES 7,253	PART MILES 8,755	PART DUPLA MILES 7,253	MASS (KG) 7960 lb
PWR STRK? <input checked="" type="checkbox"/>	PWR BRK? <input checked="" type="checkbox"/>	AET? <input checked="" type="checkbox"/>	CRUISE? <input type="checkbox"/>	SUSP 10,000 lb	RAILROAD SIMULATION TEST <input type="checkbox"/> MRS
COMMENTS (1 BACKGROUND 2 SYMPTOMS 3 ANALYSIS 4 ACTION TAKEN)					

Test vehicle driver reported "A loud clunking noise" in left front area of vehicle while making right hand turns. Vehicle inspector and test engineer examined vehicle and discovered fracture in lower control arm. Fracture occurred outboard and to rear of ball joint attaching area at transition radius from rear flange to ball joint pad. Length is approximately 50 mm, initiating at radius and progressing to the right on an angle 30 degrees to vehicle center line.

Original unit was removed and returned to vendor for analysis. New unit was supplied by Design and installed. Pneumatic bag pressures were measured at time of disassembly and found to be: Left - 21 psi; Right 22 psi.

- | | |
|-------------------------------------|---|
| cc: H. W. Edson - 0973-9015(photo) | B. E. Wentzel - 0973-9015 |
| T. A. Kunkler - 0973-9015 | D. A. Iacofano - 1606-51 |
| W. D. Skinner - Canada, Scarborough | E. Johnston - Lordstown |
| B. L. Reed - 3301-92 | T & B Lab. Admin. Ctr. - 3301-92(photo) |
| W. C. Zetye - 2202-8(photo) | |

DISTRIBUTION - REPORT & RESPONSE		CAR PROJECT CENTER		BOC-FLINT	
COMPLETE		POWERTRAIN PROJECT CENTER MPG		BOC-DETROIT	
3 CPC-MILFORD* (Only 1 E.D.V)		BOC-LANSING		OPEL	
RESPONSE (IF REQUIRED)		(RESPONSE ADDRESSED) J. M. O'Shaughnessey - 0973-MPG		APPROVAL:	
DIV. REF. NUMBER	PART NUMBER	TROUBLE AND CODE			

RESPONSE (1 ANALYSIS 2 CORRECTIVE ACTION 3 ACTION VERIFICATION 4 EFFECTIVE DATE)					
Comparing the durability lower control arm with the new arm supplied by Saginaw Detroit revealed a significant difference in the transition zone between the up-turned flange and the ball joint pad. The new part had a gradual transition as specified by print dimensions, while the durability part had a more abrupt transition.					
CLOSED					
In a meeting with Saginaw Detroit, it was disclosed that in June of 1986, a change was made in blank sources. Now the L.H. control arm looks like the R.H. arm in the transition zone and should perform as well. There is no design action required at this time.					
INTERIM RESPONSE FINAL DUE BY		RESPONDER: E. L. Stura		DATE: 14 OC 86	
X FINAL RESPONSE RESPONSE		APPROVAL:		DATE: 29 OC 86	
				PHONE NO: 9-641-3108	
				PHONE NO: 8-341-4446	

11/18/86 (134)

I.R. No. T-87G-03A-002L T
T.W.O. No. 27G02-009
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87G02/88340

1196

GC7812/88340



Saginaw

Inter-Organizational

Subject: Test Information Report
T-87G-03P-002LT

Date: 3-31-87

From: Mr. D. H. Pokriefka

To: Mr. E. L. Sturm

GM Truck Group
Milford Proving Ground
Vehicle # 2GCHG31K6H410005
Milage: 8755

L.H. Lower Control Arm
Part # 14066885

Cross Shaft Bushing Torque:	240 Ft. Lbs. 210 Ft. Lbs. B/P Spec 125 Min.
Shaft Movement:	Free
Jounce Bumper:	Missing
Shock Brkt & Reinforcement Welds:	OK
Jounce Bumper Brkt Welds	See attached Lab Report 6-44 and 6-43
Ball Stud:	Push out load "0" B/P Spec 2000 # Min.
Lower Control Arm Stamping:	50 MM crack at rear of ball stud
Summary:	See Lab Reports 6-43 & 6-44

The lower control arm stamping from SKD appears to have a small radius at the side wall to the ball stud nose. SKD has changed the trim to increase the radius to one inch and provide additional strength in the ball stud area.

The front suspension may be loaded at maximum or beyond maximum load range which is evidenced by broken welds and compressed jounce bumpers.

D. H. Pokriefka
D. H. Pokriefka
Chief Inspector

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cc: R. M. Brown

000198

GENERAL MOTORS CORPORATION

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TEST INFORMATION REPORT

 INCIDENT EOT SUMMARY

 RAPIDFAX NO. 641 3131
 REPORT NO. 1-87G-032-312LT
 DIV REF NO JR 1000
 ISSUE DATE 9 JAN 87 *1/26/87
 TEST W.O. 4-2845-021
 INCIDENT DATE 15 SEPT 86
 PART NO. 14026585

TO DIV SAGINAW STEERING DIV.		ADDRESSEE G.E. TANNER		RESPONSE REQ'D <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
FROM (DIV.) MILLBROOK PG		INITIATOR KEN DE SOUZA - MILL 243 01144 525 404242		MATERIAL DISPOSITION RETAINED ON VEHICLE	
FAC. NAME (AND VENDOR IF APPLICABLE) F.L.C.A. (LH) - (03015)				TROUBLE & CODE CRACKED (005)	
VEH. TYPE/MAKE/PLATE 1987 G VAN		PROD <input checked="" type="checkbox"/> PROTD		PILOT <input type="checkbox"/> OTHER	
VEHICLE NO. CC 7808		ENGINE MPG & CAP. LOS 3.7 TB1		TRANSM. TYPE 4A0 TH4	
SCHEDULE H - 15 - 36		ODOM MILES 26235		VEH. TEST MILES 23079	
PWR STRGT VALU N/A		PWR BRK? JBB		A/C? C60	
CRUISE? K34		SUSP. BASE		RAILROAD SIMULATION TEST 0 HRS	

COMMENTS (1 BACKGROUND 2 SYMPTOMS 3 ANALYSIS 4 ACTION TAKEN)

LOAD CONDITIONS: B1-2721KG B2- 3628KG B3-4989KG B4-5442KG B5-6349KG

CONDITION:

CRACK VISIBLE IN LH LOWER CONTROL ARM, 5MM LONG ADJACENT TO THE BALL JOINT. AT THE POINT WHERE THE ARM'S REARWARD STIFFENING FLANGE RUNS OUT. (ILLUSTRATION ATTACHED).

BACKGROUND:

THE CRACK WAS DISCOVERED DURING AN INSPECTION AFTER THE COMPLETION OF SCHEDULE RUNNING.

NO CRACK WAS REPORTED DURING SCHEDULE RUNNING.

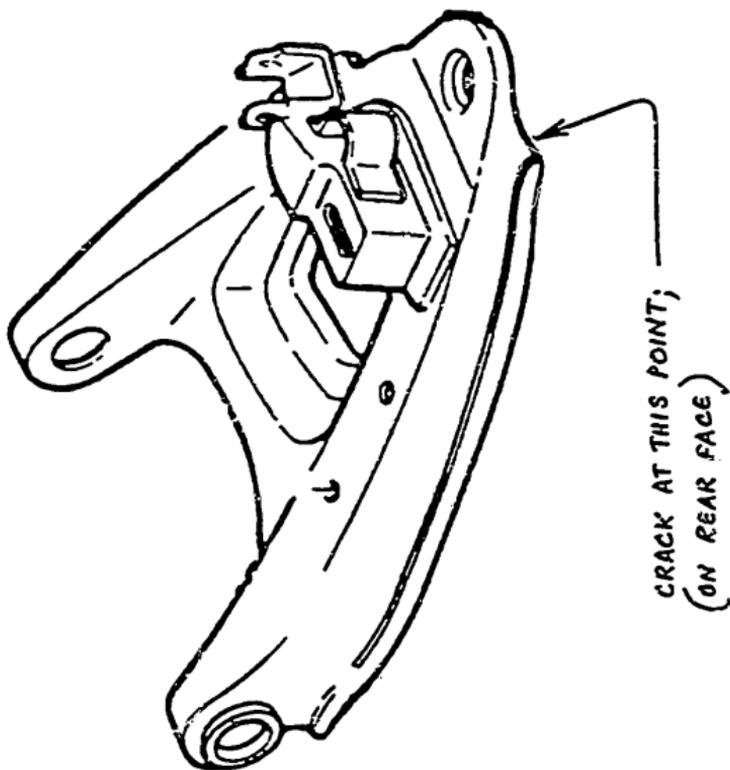
VEHICLE WILL BE RETURNED TO U.S. A FOR STRIPDOWN & DISPOSAL.
(CONTACT IS MR. B. WENTZEL 0973/9014)

*REISSUED ON 1/26/87 TO G.E. TANNER PER E. STURM.

2202-14

DISTRIBUTION - REPORT & RESPONSE		<input type="checkbox"/> CAR PROJECT CENTER <input type="checkbox"/> POWERTRAIN PROJECT CENTER MPG <input checked="" type="checkbox"/> CPC-ME-FORD (Only 1 - E.D.V.)		<input type="checkbox"/> BOC-FLINT <input type="checkbox"/> BOC-DETROIT <input type="checkbox"/> BOC-LANSING <input type="checkbox"/> OPEL	
COMPLETE		DATE 16 DEC 86		PHONE NO. 101144	
RESPONSE (IF REQUIRED)		(RESPONSE ADDRESSED) J.M. O'SHAUGHNESSEY - T&B MPG 1973 525 404242 x 243			
DIV. REF. NUMBER		PART NUMBER		TROUBLE AND CODE	
RESPONSE (1 ANALYSIS 2 CORRECTIVE ACTION 3 ACTION VERIFICATION 4 EFFECTIVE DATE)					
PLEASE ADDRESS THIS AND SEND LCA TO G. E. TANNER OF SAGINAW DIVISION.					
INTERIM RESPONSE. FINAL DUE BY		RESPONDENT E. L. STURM <i>E.L. Sturm</i>		DATE 21JAN87	
FINAL RESPONSE		APPROVAL		PHONE NO. 9-641-3108	

000599



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