

Form Approved: O.M.B. No. 2127-0004

Safety Defect and Noncompliance Report Guide for Vehicles
PART 573 Defect and Noncompliance Report

On 1-26, ~~199~~ 2004 EAST [MFR] decided that (a defect which relates to motor vehicle safety)(a noncompliance with Federal Motor Vehicle Safety Standard No. _____) 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 Defect and Noncompliance Reports.

Date this report was prepared: 1-29-04

Furnish the manufacturer's identification code for this recall (if applicable): _____

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.

EAST

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

BOB LAUKHART WARRANTY ADMIN.

Telephone Number: _____ Fax No.: _____

Name and Title of Person who prepared this report.

LAUKHART

Signed: _____

¹Each manufacturer must furnish a report, to the Associate Administrator for Safety Assurance, for each defect or noncompliance condition which relates to motor vehicle safety.

This guide was developed from 49 CFR Part 573, "Defect and Noncompliance Reports" and also outlines information currently requested. Any questions, please consult the complete Part 573 or contact Mr. Jon White at (202) 366-5227 or by FAX at (202) 366-7882.

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): EAST Model Years Involved: 2004 Model(s): ALL

Production Dates: Beginning: 6-13-03 Ending: 1-20-04

VIN Range: Beginning: 30798 Ending: 34400

Vehicle Type: SEMI-TRAILER Bodystyle: DUMP, PLATFORM, VAN BODY

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

TRAILERS EQUIPPED WITH SEALCO PART#110800

PRODUCED FROM 6-1-03 TO 11-17-03

Make(s): _____ Model Years Involved: _____ Model(s): _____

Production Dates: Beginning: _____ Ending: _____

VIN Range: Beginning: _____ Ending: _____

Vehicle Type: _____ Bodystyle: _____

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

Make(s): _____ Model Years Involved: _____ Model(s): _____

Production Dates: Beginning: _____ Ending: _____

VIN Range: Beginning: _____ Ending: _____

Vehicle Type: _____ Bodystyle: _____

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

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.

II. Identify the Recall Population

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

Model	Year	Number of Vehicles Potentially Involved
ALL	2004	990

Total Number Potentially Affected by the Recall:

750

4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance: 76%

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:

PURCHASING AND INVENTORY RECORDS WERE REVIEWED TO DETERMINE VALVE AVAILABILITY.

MANUFACTURING RECORDS WERE REVIEWED BY PRODUCTIONS DATES, BEGINNING WITH FIRST

SHIPMENT OF AFFECTED VALVES TO PRESENT DATE. VEHICLE SERIAL NUMBERS WERE

RECORDED AND SUPPLIED TO SEALCO. 750 VALVES WERE PURCHASED.

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.

SEE SEALCO 573

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

SEE SEALCO 573

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

SEE SEALCO 573

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

SEE SEALCO 573

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

SEE SEALCO 573

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

SEE SEALCO 573

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.

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.

SEE SEALCO 573

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.

SEE SEALCO 573

Clearly describe the distinguishing characteristics of the remedy component/assembly versus the recalled component/assembly.

SEE SEALCO 573

Identify and describe how and when the recall condition was corrected in production. If the production remedy was identical to the recall remedy in the field, so state. If the product was discontinued, so state.

SEE SEALCO 573

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.

SEE SEALCO 573

VII. Furnish Recall Communications

9. Furnish a final copy of all notices, bulletins, and other communications that relate directly to the defect or noncompliance and which are sent to more than one manufacturer, distributor, or purchaser. This includes all communications (including both original and follow-up) concerning this recall from the time your company determines the defect or noncompliance condition on, not just the initial notification. *A DRAFT copy of the notification documents should be submitted to this office by Fax (202-366-7882) for review prior to mailing.*

Note that these documents are to be submitted separately from those provided in accordance with Part 573.8 requirements.

SEE SEALCO 573



Sealco Commercial Vehicle Products

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215 East Watkins Street • Phoenix, Arizona 85004 • 602/253-1007 • Fax 602/222-2334

January 22, 2004

East Manufacturing Corporation
P.O. Box 277, 1871 State Route 44
Randolph, OH 44265
Attention: Warranty Manager

Re: NOTICE OF DEFECT

Dear Sir or Madam:

Sealco has recently become aware of a possible defect in a small rubber component part that is utilized in certain valves that were manufactured at Sealco between 6-1-03 and 11-17-03. The subject component part is a 508 Rubber Band Check Valve that is used on the 110502 brass Control Port Cap Assembly which is installed in the control port of our 110500, 110700 and 110800 Spring Brake Control Valves. The subject component part was supplied to Sealco by a long time vendor who apparently changed, without Sealco's knowledge or authorization, the rubber compound used to mold the part in such a manner that a few of the parts have failed in the field. All of the valves shipped by Sealco after 11-17-03 contain a 508 Check Valve with a higher durometer and the specified rubber compound which will assure that the check valve does not fail going forward.

The reported failure mode of check valve is that it develops a hole allowing supply air to escape back out the control line exhausting at either the foot valve in the tractor or any tractor in-line quick release valve. While we have received some reports of hot wheel ends, we have been unable to duplicate this scenario in our lab or on our own tractor trailer. In the two such incidents where we have physically inspected the reports, the hot wheel ends were both caused by other conditions not related to the valve.

Out of approximately 71,000 valves containing the suspect component part sold to U.S. trailer OEMs in this timeframe, we have had less than 100 complaints and have received back only 30 valves where we have verified the defect. Sealco has kept NHTSA fully advised of this situation as it has occurred and has sought their counsel with respect to the best course of action. Even though the percentage of failure of the component part is very small and we have no conclusive evidence that it creates a safety problem,

Sealco has decided to offer replacement 110502 Cap Assemblies containing the component part at no charge to trailer OEM and/or their fleet customers.

IDENTIFYING THE PROBLEM – This potential defect only pertains to Sealco 110500, 110700 and 110800 Spring Brake Control Valves manufactured from 6-1-03 through 11-17-03. Enclosed is a Service Bulletin that will assist you in identifying the subject valves and installing the replacement 110502 Cap Assembly.

SOLVING THE PROBLEM – By replacing the 110502 Cap Assembly on the subject valves with a new assembly containing a new 508 Check Valve, the potential failure mode of the check valve is removed. Sealco will provide replacement 110502 Cap Assemblies directly to your fleet customers at no charge. The replacement item is easily installed in just a couple of minutes without any special tools.

WHAT YOU NEED TO DO – Our records indicate that you purchased some of the Sealco valves that contained the potentially defective component part. You need to provide us with the following information on a computer floppy disk in a Microsoft Excel format as soon as possible on all trailers you manufactured with the suspect valves.

Customer's Name	Date Sold
Street Address	Number Of Trailers Sold
City / State / Zip Code	Trailer Model
Contact Name	Which Sealco Valve Used
Phone Number	Vehicle Identification Number

WHAT SEALCO WILL DO – We will contact your customers on the list, notify them of the potential defect, provide them with the Service Bulletin and offer to send them the 110502 replacement Cap Assemblies. We will request that they fax back information on the trailers where they replace the Cap Assembly.

While we apologize in advance for the inconvenience this may cause you and/or your customer, we believe that it is the best course of action at this time. If you have any questions please contact your Sealco Regional Manager, Tom Mario or me.

Sincerely,



Larry Saylor
Vice President – Domestic Sales

enclosure



Sealco Commercial Vehicle Products, Inc.

215 East Watkins Street • Phoenix, Arizona 85004 • 602/253-1007 • Fax 800/222-2334

SERVICE BULLETIN

January 2004

Sealco 110500, 110700 & 110800 Spring Brake Control Valves manufactured from 8-1-03 thru 11-17-03 include a #110502 brass Control Port Cap Assembly in the control port that may contain a defective rubber band check valve. The check valve may develop a hole allowing air to escape back out the control line exhausting at either the foot valve in the tractor or any in-line quick release valve. This Service Bulletin will assist in the identification of the valves with the potential problem & installation of a new 110502 brass Cap Assembly containing the check valve.

VALVE IDENTIFICATION FOR CHANGING 110502 BRASS CAP ASSEMBLY

The manufacture date of the valve is determined by the Date Code Symbol stamped into the valve. The 110500 is stamped on the Reservoir Port on the side above the Sealco oval logo. The 110700 & 110800 are stamped on the brass screw cap on top of the valve. Date Code Symbols shown below for Jun, Jul, Aug, Sep, Oct & Nov are the valves that require the changing of the 110502 Brass Cap Assembly. Valves with a Date Code Symbol of Dec or later do not need to have the 110502 replaced.



JUNE

JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER

INSTALLATION INSTRUCTIONS FOR CHANGING 110502 BRASS CAP ASSEMBLY

CAUTION: Exhaust air pressure in the supply line, apply parking brakes

- Step 1 – Remove the blue control line from it's fitting (Picture 1)
- Step 2 – Remove 110502 Brass Cap & fitting from Control Port of valve (Picture 2)
- Step 3 – Remove the fitting from the 110502 Brass Cap Assembly
- Step 4 – Install new 110502 Brass Cap Assembly with torque of 6-8 ft. lbs. (Picture 3)
- Step 5 – Install the fitting back into the new 110502 Brass Cap Assembly
- Step 6 – Connect the blue control line back into the fitting (Picture 4)



Valves by date code 06-01-03 thru 11-17-03.

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**** EAST026 ** INVENTORY HISTORY INQUIRY**
PART # : 510-25800-19 SEALCO CONTROL VALVE

DATE	TYPE	PO/PROD/ADJ	DUE / COMP	QUANTITY	STATUS
06 10 2003	PUR	N5988	06 13 2003	150	RECEIPT ?
07 14 2003	PUR	N6503	07 18 2003	50	RECEIPT
07 15 2003	PUR	N6503	07 18 2003	100	RECEIPT
08 18 2003	PUR	N6504	08 22 2003	150	RECEIPT
10 01 2003	PUR	N7268	09 26 2003	150	RECEIPT
10 27 2003	PUR	N7269	10 31 2003	150	RECEIPT
01 07 2004	PUR	N8168	01 13 2004	150	RECEIPT Should be OK.

**** EAST026 ** INVENTORY HISTORY INQUIRY**
PART # : 510-25800-19 SEALCO CONTROL VALVE

ANYTHING SHIPPED AFTER

11-03 IS OK

DATE	TYPE	PO/PROD/ADJ	DUE / COMP	QUANTITY	STATUS
06 04 2003	PRD	3291	07 18 2003	1	ALLOCATED
06 04 2003	PRD	3297	07 19 2003	1	ALLOCATED
06 04 2003	PRD	33654	07 11 2003	1	ALLOCATED
06 04 2003	PRD	33661	07 11 2003	1	ALLOCATED
06 04 2003	PRD	33662-63	07 18 2003	2	ALLOCATED
06 04 2003	PRD	33664-65	07 25 2003	2	ALLOCATED
06 04 2003	PRD	3644	08 16 2003	1	ALLOCATED
06 04 2003	PRD	3652-53S	06 27 2003	2	ALLOCATED
06 04 2003	PRD	3655	07 04 2003	1	ALLOCATED
06 04 2003	PRD	3656	06 27 2003	1	ALLOCATED
06 04 2003	PRD	3658	07 24 2003	1	ALLOCATED
06 06 2003	PRD	3557-61	06 28 2003	5	ALLOCATED
06 09 2003	PRD	2931	07 11 2003	1	ALLOCATED
06 09 2003	PRD	3289	08 22 2003	1	ALLOCATED
06 09 2003	PRD	3290	07 18 2003	1	ALLOCATED
06 09 2003	PRD	3562-67	07 05 2003	6	ALLOCATED
06 09 2003	PRD	3650-51	07 04 2003	2	ALLOCATED
06 09 2003	PRD	3668	08 01 2003	1	ALLOCATED
06 09 2003	PRD	3669-70	07 10 2003	2	ALLOCATED
06 09 2003	PRD	3671-73	07 11 2003	3	ALLOCATED
06 09 2003	PRD	3674-75	07 18 2003	2	ALLOCATED

EAST MFG.
MODEL UPDATE

Amended

RECALL 04V-041

II. Identify the Recall Population

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

Model	Year	Number of Vehicles Potentially Involved
DOLLY	2004	1
DROP DECK	2004	2
FLATBED	2004	186
FRAME TYPE	2004	122
FRAMELESS	2004	245
PUPS	2004	19
UNLOADER	2004	338

96 VALVES OF ORIGINAL 750 VALVES WERE LOCATED IN INVENTORY AND UPDATED.

96 UNITS OF ORIGINAL ESTIMATE OF 990 UNITS WERE MANUFACTURED BEFORE SHIPMENT OF SUSPECT VALVES.

ESTIMATED PERCENTAGE SHOULD READ 72.