

Safety Defect and Noncompliance Report Guide for Equipment
PART 573 Defect and Noncompliance Report¹

On May 6 th, 2008, Elgin SweeperCo. [MFR] decided that (a defect which relates to motor vehicle safety)(a noncompliance with Federal Motor Vehicle Safety Standard No. _____) exists in items of motor vehicle equipment 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: May 6th

Furnish the manufacturer's identification code for this recall (if applicable): SB-0116

1. Identify the full corporate name of the fabricating manufacturer/brand name/trademark owner of the recalled item of equipment. If the recalled item of equipment is imported, provide the name and mailing address of the designated agent as prescribed by 49 U.S.C. §30164.

Elgin Sweeper Company Inc. 1300 W. Bartlett Rd, Elgin IL 60120

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

Jim Holliday Technical Information and Warranty Manager

Telephone Number: 847.468.2365 Fax No.: 847.742.3144

Name and Title of Person who prepared this report.

Jim Holliday
Technical Information and Warranty Mgr.

Signed:

¹Each manufacturer must furnish a report, to the Associate Administrator for Enforcement, 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. George Person at (202) 366-5210, by FAX at (202) 366-7882, or E-Mail to RMD.ODI@dot.gov.

I. Identify the Recalled Items of Equipment

2. Identify the Items of Equipment Involved in this Recall, for each make and model or applicable item of equipment product line (provide illustrations or photographs as necessary to describe the item of equipment), provide:

Generic name of the item:

Make: Elgin **Model:** Crosswind J Alternative Fuel

Part Number: 1089050 **Size:** _____

Function: Auxiliary Hydraulic Pump

Other information which characterizes/distinguishes the items of equipment to be recalled:

Serial Numbers: J3285, J3260D, J3261D, J3300D, J3367, J3368D, J3370D, J3385D, J3424D, J3426D, J3453D, J3472D, J3513D

Make: _____ **Model:** _____

Part Number: _____ **Size:** _____

Function: _____

Other information which characterizes/distinguishes the items of equipment to be recalled:

Make: _____ **Model:** _____

Part Number: _____ **Size:** _____

Function: _____

Other information which characterizes/distinguishes the items of equipment to be recalled:

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 Equipment equipped with certain items of equipment from January 1, 1996, through April 1, 1997, then what was the percentage of the recalled Equipment of all Equipment manufactured during that time period.

II. Identifying the Recall Population

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

<u>Model</u>	<u>Year</u>	<u>Number of Items Potentially Involved</u>
Crosswind J Alternative Fuel Sweeper	2006-2012	15

Total Number Potentially Affected by the Recall: 15

4. Furnish the approximate percentage of the total number of items of equipment estimated to actually contain the defect or noncompliance: .65% 15 Of 2303

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 items of equipment: We selected the units that had this particular auxiliary pump installed at the factory

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.

~~The auxiliary pump could fail because of an extended duty cycle of the pump used to dump the hopper when primary hydraulics are not available.~~

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

~~extended operating of the pump longer than recommended duty cycle caused the pump to have reduced life and in some case failed to operate~~

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

~~During the dump cycle the pump could operate longer than normal and cause a failure of the pump and or solenoid from heat buildup~~

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

~~Slow or no operation when auxiliary pump is engaged~~

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

~~The non-compliance condition is caused by our application of the vendor supplied part and not the part itself.~~

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

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.

Dealer called (2-20-1013) stated that they had several units in their territory that the auxiliary pumps were failing prematurely and want to know if we know why. We started and internal review of root cause of failure, and notified owners of affected units to disconnect the system. We reviewed the assembly process and modified a unit during production with new process and parts then tested the system. The new process and parts corrected the failure issues and a repair procedures were developed by engineering.

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.

The corrective actions was to test the electrical draw on the system and if within parameters then only a solenoid was to be replaced, If not then complete pump and solenoid needs replacement.

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

New style solenoid and new solenoid and pump combination have improve internal components that increase operational life and reduce the failure rate.

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.

~~We reviewed the assembly process and modified a unit during production with new process and parts then tested the system. The new process and parts corrected the failure issues and a repair procedures were developed by engineering. Week of February 25th 2013~~

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.

NHTSA notification May 8th 2013

Service Bulletin released for publication May 10th 2013

Parts are instock and available to dealers for repairs

Notification letters to dealers are ready and awaiting NHSTA approval and recall number assignment.

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) or by E-Mail (RMD.ODI@dot.gov) for review prior to mailing.

Note: These documents are to be submitted separately from those provided in accordance with Part 579.5 requirements.