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By Recall Management Division at 9:32 am, Feb 28, 2013

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LAW OFFICES

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2013 FEB 27 11 08 55

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February 21, 2013

National Highway Traffic Safety Administration  
1200 New Jersey Avenue SE  
Washington DC 20590

Attention: Recall Management Division

**Re: Progressive Dynamics, Inc. Recall**

Dear Madam or Sir:

This office represents Progressive Dynamics, Inc. and like Progressive Dynamics, Inc. this is our first recall.

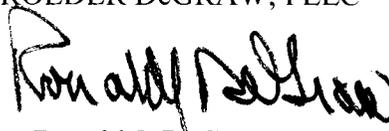
Our client could not meet the deadline for supplying names, addresses and telephone numbers of the customers. We are enclosing with the materials a list of telephone contacts for each customer, original equipment manufacturer and distributor. The addresses of each are on the envelopes which are attached as exhibits. If you would like all on one list please contact us, it will be available tomorrow.

In the event the attached materials are incomplete or you require additional information please contact the undersigned.

Yours very truly,

SCHROEDER DeGRAW, PLLC

By:



Ronald J. DeGraw

RJD/bb  
Enclosures

Cc: Ralph McGee

**NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION**  
**DEFECT REPORT PURSUANT TO 49 CFR 573**

Progressive Dynamics, Inc., a Michigan Corporation, having offices at 507 Industrial Road, Marshall, Michigan 49068 is both an original equipment supplier to the recreational vehicle industry original equipment manufacturers as well as a manufacturer of replacement equipment sold to distributors. It is, therefore, making this report in both capacities.

**573.6 Defect and noncompliance report**

(c) 1. The Manufacturer's Name- Progressive Dynamics, Inc. of 507 Industrial Road, Marshall, Michigan 49068.

(c) 2. Identification of the item of motor vehicle equipment potentially containing the defect or non-compliance- Progressive Dynamics, Inc. ALL-IN-ONE Power Converter Models PD 4560 and PD 4590 manufactured between January 14, 2013 and February 8, 2013, with a prefix to the Serial Number of A 13014 through A 13039.

The dates of manufacture of the defective parts can be absolutely determined. The defective parts are metal stabs in the power converter. The stabs are connected to electrical cords that supply A/C current to the recreational vehicle. Each stab is connected to a rail. There are two rails in each power converter and the rails must be at least 0.38" apart. If the rails are closer than 0.38" this could cause a short and possibly a fire. The stab assembly including the rail is made on a computerized stamping press which cuts the rails to a specific uniform length. The computerized stamping press became inoperable between January 14, 2013, and February 8, 2013, and the operation was transferred to a manual press where the rails on the stabs were cut by hand. The hand cutting of the rails created irregular lengths and some of the rails were installed nearer to each other than the 0.38" required to avoid a short. Once the computerized press was put back on line on February 8, 2013, the problem no longer existed as all rails were again uniformly cut to the proper length.

(c) 2 (v). The name, business address and business telephone number of every manufacturer that purchased the defective component for use or installation in new motor vehicles. See Exhibit A.

(c) 3. The total number of items of equipment potentially containing the defect. The total number of power converters which could contain the defective rails is 1,909.

(c) 4. The percentage of vehicles or items of equipment...estimated to actually contain the defect or non-compliance- Of the first 517 power converters examined on Tuesday February 19, 2013, 176 were determined to lack the necessary 0.38" clearance. Two of the units had touching rails and these are the two units that smoked during final

inspection. If the initial testing percentage, 34.05% (176 of 517) remains constant, there would be a total of 650 units which would be defective.

(c) 5. A description of the defect or non-compliance- As noted above, the rails on the A/C stabs under the A/C breakers should be not less than 0.38” apart. There may be a separation of 0.38” or more on some, but not all, of the rails. The stabs are located below the main breaker. See Attached 3 pages entitled “PD 4560 & PD 4590 A/C STAB CHECK”.

(c) 6. In the case of a defect, a chronology of all principal events that were the basis for the determination that the defect related to motor vehicle safety- A customer, Jayco Corporation P.O. Box 460, Middlebury, IN 46540, contacted Progressive Dynamics, Inc. on Thursday, February 14, 2013, and indicated that two power converters started smoking during final testing. Progressive Dynamics, Inc. reviewed the Serial Numbers of the defective units and, within a short time, connected the defective stabs to the temporary press operation and the hand-cut rails. The company then checked rails on other units containing the hand-cut rails and discovered the problem.

A power converter is generally utilized only when the RV is parked and A/C current is available for use in the recreational vehicle. The one exception to the foregoing statement is that some RVs are equipped with a generator and could, but rarely do, operate the power converter while on the highway.

(c) 7. In the case of non-compliance, the test results and other information that the manufacturer considered in determining the existence of the non-compliance- Not Applicable.

(c) 8. A description of the manufacturer’s program for remedying the defect or non-compliance-

(i) Progressive Dynamics, Inc. has notified all of the purchaser’s of the defective power converters that it will supply free stabs and screws as well as photographic instructions as to how the repairs are to be made if the purchaser of the unit would like to make the repairs itself in which event Progressive Dynamics, Inc. will pay for the time expended in the repairs. Progressive Dynamics, Inc. has also sent employees to various original equipment manufacturer locations starting on February 19, 2013, to make the necessary repairs without charge to the manufacturer. As of February 20, 2013, there were nine Progressive Dynamics, Inc. employees in the field making repairs.

There were 28 power converters sent to distributors. Progressive Dynamics, Inc. is contacting the distributors by telephone and offering to replace the possibly defective power converters with new units.

(ii) A notice, Progressive Dynamics, Inc. Voluntary Safety Recall Notice, a copy of which is attached, was sent by e-mail to each purchaser on February 20,

2013. A "PD 4560 & PD 4590 AC STAB CHECK", a copy of which is attached, accompanied each notice.

The same notice and "PD 4560 & PD 4590 AC STAB CHECK" was sent by certified mail on February 21, 2013. Also attached is a copy of the envelopes which contained the notice. The words "*IMPORTANT EMERGENCY SAFETY RECALL NOTICE*" were printed in red.

(iii) Not-Applicable

(iv) Not-Applicable

(c) 9. Not-Applicable

(c) 10. A representative copy of all notices, bulletins, and other communications that relate directly to the defect or noncompliance. See documents attached in answer to (c) 8 (ii). To date there is no record of a defective unit being in the hands of a consumer.

(c) 11. The manufacturer's campaign number, if not identical to the identification number assigned by NHTSA. Progressive Dynamics Inc. has not had a prior recall and has not assigned a campaign number to this recall.

### **573.7 Quarterly Reports**

Not applicable at this time

### **573.10 Reporting the sale or lease of defective or noncompliant tires**

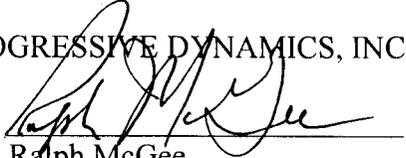
Not applicable

### **573.12 Prohibition on sale or lease of new and used defective and noncompliant motor vehicle equipment**

Any power converters containing the defective rails, which are returned to Progressive Dynamics, Inc., will be refitted with stabs containing rails which are not less than 0.38" apart. No defective units will be sold.

Dated: February 21, 2013

PROGRESSIVE DYNAMICS, INC.

By:   
Ralph McGee

Its: President

Telephone Contacts

Aim Wholesale – 602-269-5729 - Distributor

American RV Company – 626-513-4777 - OEM

Patrick Distribution – 574-206-7715 – OEM Distributor

Compass Conversions – 254-771-9909 - OEM

Crossroads RV – 260-593-3850 - OEM

Dalton Enterprises – 276-686-9178 - OEM

Forest River – 574-389-4605 - OEM

Eclipse Recreational Vehicles – 951-684-6868 - OEM

Navistar RV – 541-988-8444 - OEM

Intech Trailers – 574-773-9536 - OEM

Jayco Corp. – 574-825-5861 - OEM

Keystone Automotive Operations – 570-655-4514 - Distributor

Keystone RV Company – 574-535-2100 - OEM

Livin' Lite Corp. – 574-862-2228 - OEM

Outlaw Conversions – 254-968-5733 - OEM

Riverside Travel Trailers – 765-472-3920 - OEM

Shadow Trailers – 352-529-2190 - OEM

Southern California Distributors – 619-588-1269 - Distributor

Stag-Parkway – 404-349-1918 - Distributor

Thor Motor Coach – 574-389-5318 - OEM

Trail Boss Conversions – 816-690-7133 - OEM