RECEIVED
By Recall Management Division at 8:32 am, Mar 06, 2012

12V-095
(5 Pages)

March 2, 2012

Associate Administrator for Enforcement
National Highway Traffic Safety Administration
1200 New Jersey Ave SE
Washington, DC 20590
RMD.ODI@dot.gov

Attn: Recall Management Division (NVS-215)

NHTSA notification campaign number: TBD
Azure Dynamics Bulletin Number: 501331-FSA

Report Type:
- ☑ Initial Report
- ☐ Follow-Up Report
- ☐ Quarterly Report

The attached report is being submitted in conformance with 49 CFR 573.6.

Please contact me with any questions or concerns.

Sincerely,

Jonathan E Jacoby
Program/Regulatory Manager
Azure Dynamics, Inc
14925 W 11 Mile Rd
Oak Park, MI 48237
jjacoby@azuredynamics.com
248-658-7554

BOSTON
9 Forbes Road
Woburn, MA
USA 01801
T 781.932.9009
F 781.932.9219

DETROIT
14925 W 11 Mile Road
Oak Park, MI
USA 48237
T 248.298.2403
F 248.298.2410

VANCOUVER
3900 North
Fraser Way
Burnaby, BC
Canada V5J 5H6
T 604.224.2421
F 604.419.6392

www.azuredynamics.com

Part 573 Safety Defect and Non-Compliance Report

On February 24, 2012, Azure Dynamics decided that a defect which relates to motor vehicle safety 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 Non Compliance Responsibility and Reports.

Date: March 2, 2012

Azure Dynamics Bulletin Number: 501331-FSA

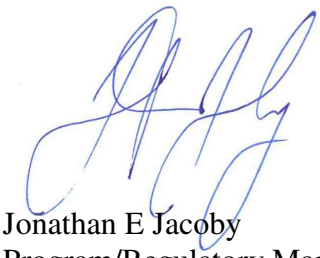
1. Intermediate manufacturer:

Azure Dynamics, Inc
14925 W 11 Mile Rd
Oak Park, MI 48237

Contact:

Jonathan E Jacoby
Program/Regulatory Manager
Phone: 248-658-7554
Fax: 248-298-2410
jjacoby@azuredynamics.com

Prepared by:



Jonathan E Jacoby
Program/Regulatory Manager

AZD
AZURE DYNAMICS
part of the solution™

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	Azure Dynamics
Model Years Involved	2010.5MY 2011MY 2011.5MY 2012MY
Models	Balance Ford E450 Hybrid Chassis (Cutaway and Strip)
Production Dates	Beginning: June 2010 Ending: November 2011
VIN Range	Beginning: N/A Ending: N/A (Ford assigns the VIN, and there is no VIN range that specifically applies to this safety action).
Vehicle Type	Heavy Truck Chassis
Body Style	Varies by Body Builder (Step Van, Cube Van or Shuttle Bus)

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:
100% of the Ford E450 5.4L trucks in model years 2010.5, 2011 and 2011.5 that have been upfitted with Azure Dynamics' Balance Hybrid system. One vehicle from the 2012MY is also affected. Other 2012MY trucks have received the improved wiring harness during mass production.

Identify the approximate percentage of the production of all the recalled models manufactured by your company between the inclusive dates of manufacture pr ovided above, that the recalled model population represents. For example, if the recall involved Vehi cles equipped with certain items of equipment from January 1, 1996 through April 1, 1997, then what was the percentage of the recalled Vehicles of all Vehicles manufactured during that time period.

II. Identify the Recall Population

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

Number of Vehicles

Model	Year	Potentially Involved
Azure Dynamics Balance Hybrid Ford E450	2010.5	130
Azure Dynamics Balance Hybrid Ford E450	2011	77
Azure Dynamics Balance Hybrid Ford E450	2011.5	53
Azure Dynamics Balance Hybrid Ford E450	2012	1
	Total	261

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

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:

The problem was determined to be design related. Therefore, 100% of the Azure Dynamics Balance Ford E450 Hybrids built during 2010.5MY, 2011MY, and 2011.5MY contain the wiring harness that needs to be upgraded. One vehicle from the 2012MY contains this defect, as the change was implemented to the production line during the 2012MY vehicle production.

AZD
AZURE DYNAMICS
part of the solution™

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.
If the low temperature radiator fans seize, it may cause the fuse to blow. Blown fuse will cause
Vehicle Control Unit (VCU) to lose power.

Describe the cause(s) of the defect or noncompliance condition.
Low temperature fan and VCU share a common fuse

Describe the consequence(s) of the defect or noncompliance condition.
Engine will stop and can not be restarted

Identify any warning which can (a) precede or (b) occur.
None

If the defect or noncompliance is in a component or assembly purchased from a supplier, identify the supplier by corporate name and address.
Not Applicable

Identify the name and title of the chief executive officer or knowledgeable representative of the supplier:
Not Applicable