

November 22, 2006

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Mrs. Kelly Schuler
Recall Division
NVS – 215
National Highway Traffic Safety Administration
400 7th Street, SW
Washington, D.C. 20590

Subject: **Amendment** to NHTSA Campaign 06E-091, Airtex Electric Fuel Pump Module Product Safety Bulletin FP101806-1 (Original letter from Ray Swetman dated October 26, 2006)

Dear Mrs. Schuler,

Based on new information received from TIGAS please note changes to Paragraph 3.

Reference is also made to the letter dated November 8, 2006 from George H. Person. In the paragraph entitled 'REMEDY' please change the Airtex Toll-Free Contact Number from ~~1-800-880-3056~~ to 1-800-867-3759.

On October 6, 2006, after receiving formal notification from our supplier TI Group Automotive Systems, L.L.C. ("TIGAS") and following our own internal investigation, Airtex Products determined that a defect that relates to motor vehicle safety may exist in certain items of our aftermarket product line which are purchased from TIGAS. As a result we are furnishing notice to the National Highway Traffic Safety Administration in accordance with 49 CFR, Part 573. Details are outlined below.

1. Airtex Products, L.P. manufactures a full line of fuel pump and fuel module assemblies. In addition to our manufactured product, we also purchase complete units from other manufacturers for resale. The products covered in this report are purchased by Airtex from TIGAS. Requests for additional details concerning this notification should be sent to the attention of Mike Wilinski, Warranty and Training Manager, Airtex Products.

2. The fuel pump module assembly part numbers in question are listed below with their corresponding application coverage. The products that are being considered in this notification were manufactured by TIGAS during the period of June 1, 2006 through September 24, 2006.



A I R T E X P R O D U C T S , L P

AIRTEX AUTOMOTIVE DIVISION

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E7089M	1995 – 1997 Chrysler Cirrus 1996 – 1999 Chrysler Sebring 1995 – 1996 Dodge Stratus 1996 – 1997 Plymouth Breeze
E7094M	1996 – 2000 Chrysler, Dodge, Plymouth Minivans
E7113M	1998 – 2000 Chrysler Cirrus, Dodge Stratus, Plymouth Breeze 1999 – 2000 Chrysler Sebring
E7129M	1998 – 2000 Chrysler/Plymouth Voyager, Grand Voyager, Dodge Caravan, Grand Caravan

3. Of all suspect product referenced in this report and manufactured by TIGAS between June 1, 2006 and September 24, 2006, Airtex has purchased and sold the following quantities of each module assembly number:

E7089M	272	272
E7094M	21,606	15,670
E7113M	4,060	4,060
E7129M	4,350	4,356
Total	30,288	24,358

4. A lot analysis conducted by TIGAS, estimates 65% of the product under review may contain the defect that resulted in this notification.

5. The root cause of the potential failure associated with this defect is the use of out-of-specification polymer material which is used in the manufacture of a “flapper valve” which serves to retain fuel in the reservoir of the module assembly. The defect results in a swelling of the valve material which can restrict the free movement of the valve and the free flow of fuel into the fuel pump. These conditions could lead to stall, rough running, or no-start. There have been no accidents reported to Airtex or TIGAS as a result of this condition as of the date of this report.

The manufacturer of the valve is:

Gasko Fabricated Products. Co.
4940 Ridge Rd.
Medina, OH. 44256

The manufacturer of the polymer material is:

Diversified Silicone Products
13937 Rosecrans Ave.
Santa Fe Springs, CA 90670



6. A chronology of the events leading to the discovery of the defect, confirmation of root cause, subsequent notification of customers and remedy are listed below.

September 15, 2006 Airtex receives initial inquiries from customers regarding performance issues of product in question.

September 29, 2006 Airtex Quality department notified of potential problems with "flapper valve" in modules.

September 29, 2006 – October 2, 2006 soak and swell testing completed by Airtex Engineering to confirm swelling of valve material.

October 3, 2006 Joint meetings between Airtex and TIGAS confirm swelling of suspect valve material.

October 6, 2006 TIGAS notifies customers.

October 9, 2006 TIGAS personnel completed rework and certification of all in-house inventory of suspect product at Airtex.

October 18, 2006 Letter of notification sent to Airtex customers.

7. Following confirmation of the defect reported in the notification Airtex quarantined all suspect module assemblies. As of October 9, 2006 all in-house Airtex inventory of suspect product has been reworked by TIGAS personnel. Since October 9, 2006, TIGAS has supplied certified shipments of product with correct polymer valve material to Airtex. Airtex has notified customers of the issue related details concerning return of suspect product from the field for credit and replacement.

Airtex will continue to monitor this recall initiative.

Please advise of any questions or the need for any additional information.

Very truly yours,

Michael M. Wilinski
Training and Warranty Manager

cc: Ray Swetman

