



AIRTEX PRODUCTS
437 West Main Street
Fairfield, Illinois 62837
618-842-8111
FAX # 618-842-4089

01E-066 (01)

FAX # 202-366-7882

December 21, 2001

Mr. Jon White
National Highway Transportation Safety Administration
Office of Defects Investigation
400 Seventh St., S.W.,
Room 5319
NSA-111
Washington, D.C. 20590

Dear Mr. White:

Enclosed is PART 573 Defect and Noncompliance Report pursuant to 49 CFR Section 573. We request that you consider this report and information confidential.

Should you have any questions or comments, please don't hesitate to contact me.

Sincerely,

AIRTEX PRODUCTS

David G. Cavanaugh
Vice President
Sales

DGC:hr
Enc.

01E-066 (02)

Safety Defect and Noncompliance Report Guide for Equipment

PART 573 Defect and Noncompliance Report⁽¹⁾

On December 19, 2001, Airtex Products [MFR] decided that a ^{potential} 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: December 20, 2001

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

N/A

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.

Airtex Products Div. of UIS, Inc.

Identify the corporate official, by name and title, whom the agency should contact with respect to this recall. David G. Cavanaugh, V.P. Sales

Telephone Number: (618) 842-2111 Fax No.: (618) 842-2713

Name and Title of Person who prepared this report.

David G. Cavanaugh

Vice President Sales

OIE-066 (03)

Signed:



1. 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: Electric Fuel Pump Module

Make: Model: 1989 - 1997 Ford Truck 2.9L, 4.0L, 4.9L, 5.0L, 5.8L, 7.5L
1997 Mercury Mountaineer 5.0L
Front tank or rear plastic tank

Part Number: Size: E2059M Airtex
E2059M Master

Function: E2059M CarQuest
Pumps fuel from tank to engine

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

Make: Model: 1990 - 1997 Ford Truck 4.9L, 5.0L, 5.8L, 7.5L
Rear steel tank

Part Number: Size: E2064M Airtex
E2064M Master
E2064M CarQuest

Function: Pumps fuel from tank to engine

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

Make: Model:

Part Number: Size:

Function:

Model Years Involved:

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

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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 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. See Response to paragraphs 3 & 4.

II. Identifying the Recall Population

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

	<u>Affected Style</u>	<u>Initial Manufacture</u>	<u>Sold Through</u>
E2059M Airtex	318	11/09/01	12/19/01
E2059M CarQuest	480	11/27/01	12/19/01
E2059M Master	3082	11/08/01	12/19/01
E2064M Airtex	12	12/12/01	12/19/01
E2064M CarQuest	33	12/12/01	12/19/01
E2064M Master	797	12/10/01	12/19/01
	4,722	Affected Style Sold	52.2% (Defective)
	4,316	OE Style Sold	47.8% (Good)
	9,038	Total E2059M and E2064 Units sold and being recalled.	

Number of Items

<u>Model Year Potentially Involved</u>	
E2059M	1989 - 1997 Ford Truck 2.9L, 4.0L, 5.0L, 5.8L, 7.5L 1997 Mercury Mountaineer 5.0L Front tank or rear plastic tank
E2064M	1990 - 1997 Ford Truck 4.9L, 5.0L, 5.8L, 7.5L Rear steel tank

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Total Number Potentially Affected by the Recall:

There are 7,985 E2059M modules being recalled and 1,053 E2064M modules being recalled. Of those being recalled, 3,880 of the E2059M or 48.6% contain the defect and 842 of the E2064M or 80% contain the defect.

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

	<u>Total Recall</u>	<u>Defective Units</u>	<u>% of Defective Units in Recall</u>
E2059M	7,985	3,880	48.6%
E2064M	1,053	842	80%

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: All customer shipments containing these two modules between the first date of manufactured product transfers and December 19th (the date of discovery of the problem) were included in our recall.

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 defective module was manufactured without valving that would direct return fuel to the proper fuel tank on a dual tank system. The valving is located within the fuel module within the fuel tank.

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

Engineering design.

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

On a dual tank system, fuel can be transferred from one tank to another causing one tank of the system to overfill and spill fuel from the filler neck.

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.

N/A

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

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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. No reports, accidents, injuries, fatalities, or warranty claims.

- 12-19-01 Customer called concerning a fit problem to Airtex tech service.
- 12-19-01 During the review for the fit problem, it was determined that an over fill condition could occur on a dual tank system when the fuel system was using one Airtex module, one OE module and pumping fuel using the OE module.
- 12-19-01 Airtex performed a test on a vehicle confirming that the over fill condition existed.

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.

- 12-19-01 Suspect module was placed in one tank of a dual tank system. Other tank contained OE module. The vehicle was operated using the OE module/tank. Fuel was observed coming from the filler neck of the suspect module/tank. When using the suspect module/tank to operate the vehicle no overfill condition can exist.

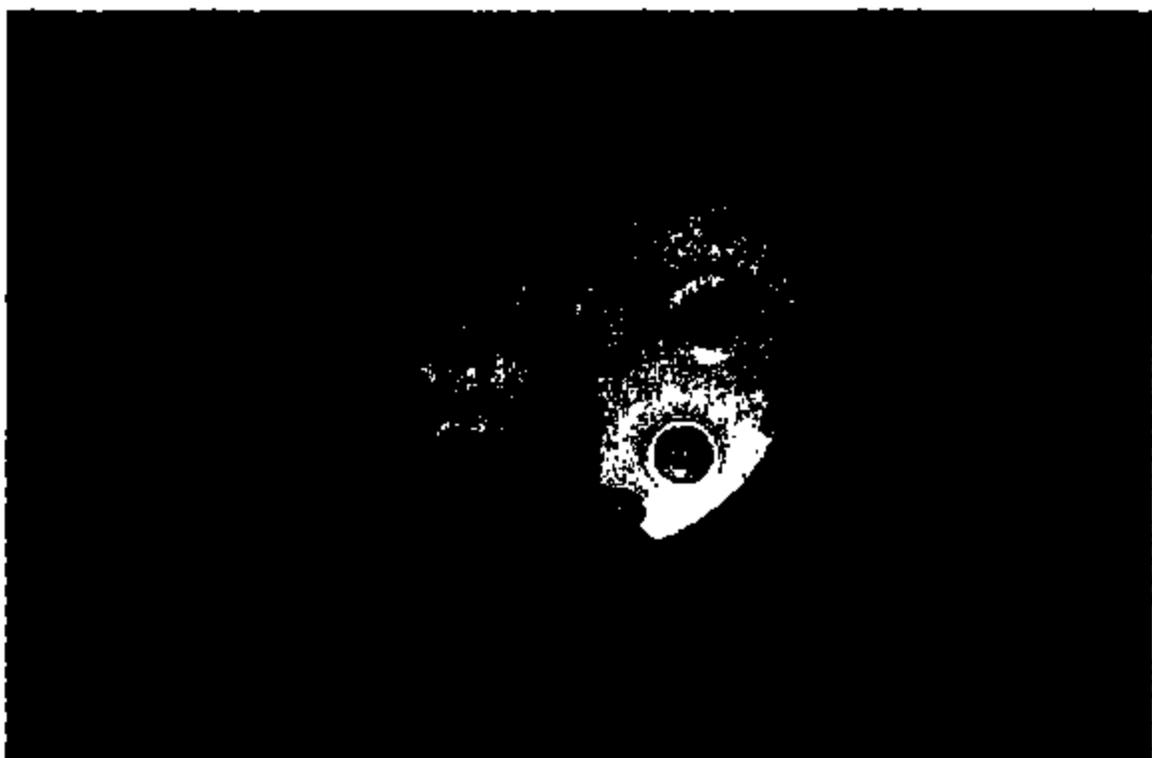
V. Identify the Remedy

Attached are photos of OE style (EXHIBIT A) and the defective ones (EXHIBIT B).

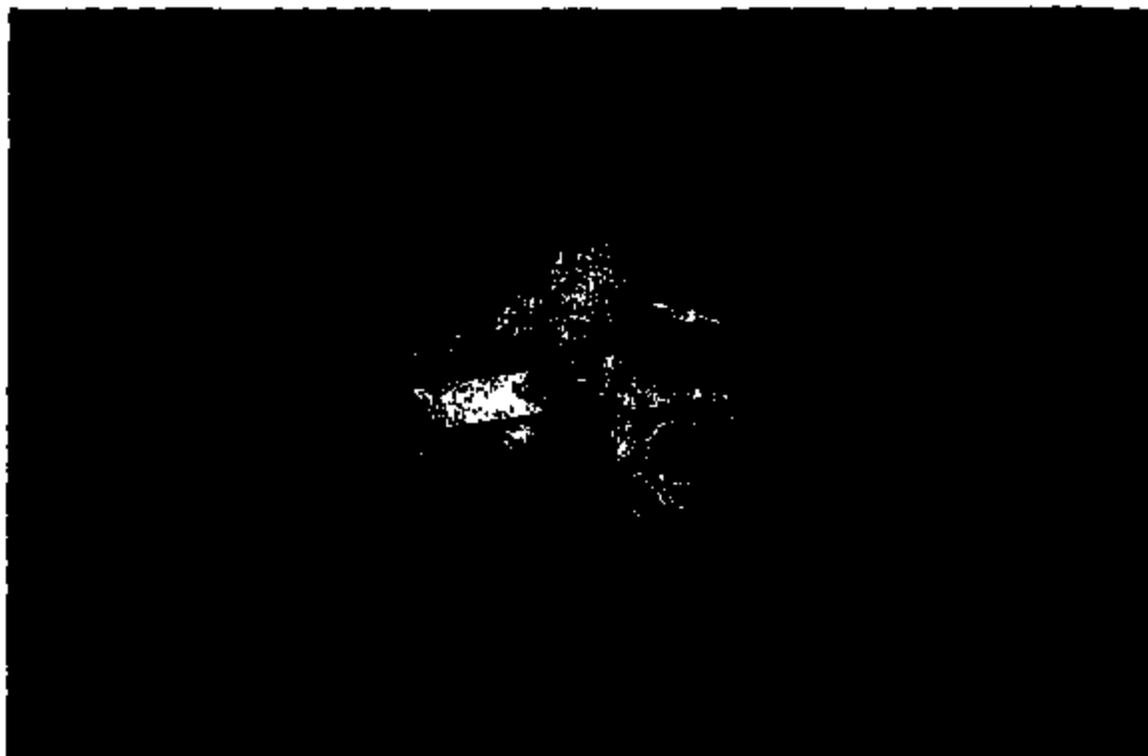
8. Furnish a description of the manufacturer's remedy for the defect or noncompliance. Clearly describe the differences between the recall condition and the remedy. Immediate remedy is to sell only purchased OE design modules. Recall condition can allow overfill of fuel tank and discharge of fuel from tank filler neck. The remedy will not allow the overfill condition.

Clearly describe the distinguishing characteristics of the remedy component/assembly versus the recalled component/assembly. The most obvious distinguishing characteristic between the recalled and remedy component is the size of the three mounting holes in the top of the module. The recall module will have two holes to accept 3/8 diameter

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O/E-066



01E-066-07

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.

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.

Upon identification of the owners, Airtex will provide written notification and advise the owners to have the defective component replaced by a certified technician at Airtex's expense. In its recall bulletin approved by NHTSA, hence sent via fax, e-mail and certified mail December 20 and 21, Airtex asked for the identification of the purchaser. Airtex intends to provide notification to purchasers upon receipt of notification by its customers.

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.*

The safety recall bulletin sent to Airtex customers was approved by NHTSA December 20, 2001 and sent to customers December 20 and 21, 2001. (See Exhibit C, Exhibit D, Exhibit E and Exhibit F attached)

A recall notification for purchasers is being prepared and will be submitted to NHTSA prior to mailing.

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



BULLETIN

EXHIBIT C

AIRTEX AUTOMOTIVE DIVISION
407 West Main Street
Fairfield, Illinois 62837
818-842-2111
FAX # 618-842-5019

OIE-066 (10)

PRODUCT SAFETY RECALL BULLETIN

December 20, 2001

To: All Airtex Automotive Fuel Pump Customers

Subject: Fuel Pump Module Recall
URGENT SAFETY ISSUE

Re: E2059M
E2064M

Dear Customer,

WE HAVE DETERMINED THAT THERE MAY BE A PRODUCT SAFETY RELATED DEFECT WITH THE E2059M AND E2064M FUEL PUMP MODULES. THE DESIGN OF THE AFFECTED FUEL PUMP MODULE MAY CAUSE FUEL TO LEAK FROM THE FUEL TANK WHEN THE FUEL MODULE IS INSTALLED. A PRELIMINARY INVESTIGATION INDICATES THE POSSIBILITY OF A FIRE HAZARD OR EXPLOSION EXISTS.

No occurrences have been reported in the field. To avoid any potential problems it is necessary that you and your customers return all E2059M and E2064M modules presently in your inventories, with the following date codes, to their place of purchase for full credit.

<u>Pump Number</u>	<u>Date Codes</u>
E2059M	441,451,461,481,491,501
E2064M	501

The three-digit date code is printed on the part number label for easy reference. Details and action to be taken for units installed on vehicles with dual tanks will follow within a week. Units installed during the following dates will be affected:

E2059M - November 9, 2001 through December 20, 2001
E2064M - December 12, 2001 through December 20, 2001

IN THE INTERIM, WE REQUEST THAT YOU PROVIDE US WITH THE NAMES AND ADDRESSES OF ALL PERSONS OR ENTITIES THAT MAY HAVE PURCHASED OR INSTALLED THE AFFECTED MODULES DURING THE ABOVE REFERENCED TIME PERIOD. PLEASE RESPOND TO AIRTEX VIA MAIL, FAX, OR E-MAIL.

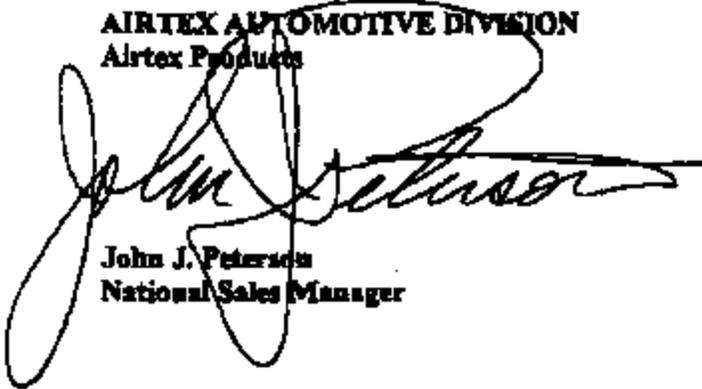
Airtex Automotive Division
407 West Main St.
Fairfield, IL 62837
Fax 618-842-5019

e-mail: airtexautomotive@airtexproducts.com

Please accept our apology for any and all inconvenience incurred as a result of this recall. Thank you in advance for your assistance in ensuring that the affected product is returned at Airtex' expense.

Sincerely,

AIRTEX AUTOMOTIVE DIVISION
Airtex Products

A large, stylized handwritten signature in black ink, appearing to read "John J. Peterson". The signature is written over the printed name and title below it.

John J. Peterson
National Sales Manager



BULLETIN

EXHIBIT D

AIRTEX PRODUCTS
407 West Main Street
Fairfield, Illinois 62637
815-842-2111
FAX # 815-842-4069

01E-066 (012)

PRODUCT SAFETY RECALL BULLETIN

December 20, 2001

To: All Carquest Fuel Pump Customers
From: Brad Turner
Subject: Fuel Pump Module Recall
URGENT SAFETY ISSUE
Re: E2059M
E2064M

Dear Customer:

WE HAVE DETERMINED THAT THERE MAY BE A PRODUCT SAFETY RELATED DEFECT WITH THE E2059M AND E2064M FUEL PUMP MODULES. THE DESIGN OF THE AFFECTED FUEL MODULE MAY CAUSE FUEL TO LEAK FROM THE FUEL TANK WHEN THE FUEL MODULE IS INSTALLED. A PRELIMINARY INVESTIGATION INDICATES THE POSSIBILITY OF A FIRE OR EXPLOSION HAZARD.

No occurrences have been reported in the field. To avoid any potential problems it is necessary that you and your customers return all E2059M and E2064M modules presently in your inventories, with the following date codes, to their place of purchase for full credit.

Pump Number Date Codes

E2059M 471,481
E2064M 501

The three-digit date code is printed on the part number label for easy reference. Details and action to be taken for units installed on vehicles with dual tanks will follow within a week. Units installed during the following dates will be affected:

E2059M November 27, 2001 through December 20, 2001
E2064M December 12, 2001 through December 20, 2001

IN THE INTERIM, WE REQUEST THAT YOU PROVIDE US THE NAMES AND ADDRESSES OF ALL PERSONS OR ENTITIES THAT MAY HAVE PURCHASED OR INSTALLED THE AFFECTED FUEL PUMP MODULES DURING THE ABOVE REFERENCED TIME PERIOD. PLEASE RESPOND TO AIRTEX VIA MAIL, FAX OR E-MAIL.

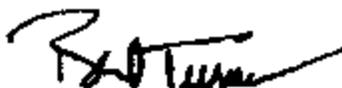
FAX NUMBER: 618-842-4869

E-MAIL ADDRESS: airtexprodsales@airtexproducts.com

Please accept our apology for any and all inconvenience incurred as a result of this recall. Thank you in advance for your assistance in ensuring that the affected product is returned at Airtex's expense.

Yours truly,

AIRTEX PRODUCTS



**Brad Turner
Sales Manager**

MASTER
M. BULLETIN

EXHIBIT E
MASTER PARTS DIVISION
Airtex Products
407 West Main Street
Fairfield, Illinois 62837
618-842-2111
FAX # 618-842-4082

01E-066 (14)

PRODUCT SAFETY RECALL BULLETIN

December 20, 2001

TO: All Master Fuel Pump Customers
FROM: Brad Turner
SUBJECT: Fuel Pump Module Recall
URGENT SAFETY ISSUE
RE: E2059M
E2064M

Dear Customer,

WE HAVE DETERMINED THAT THERE MAY BE A PRODUCT SAFETY RELATED DEFECT WITH THE E2059M AND E2064M FUEL PUMP MODULES. THE DESIGN OF THE AFFECTED FUEL MODULE MAY CAUSE FUEL TO LEAK FROM THE FUEL TANK WHEN THE FUEL MODULE IS INSTALLED. A PRELIMINARY INVESTIGATION INDICATES THE POSSIBILITY OF A FIRE OR EXPLOSION HAZARD.

No occurrences have been reported in the field. To avoid any potential problems it is necessary that you and your customers return all E2059M and E2064M modules presently in your inventories, with the following date codes, to their place of purchase for full credit.

Pump Number Dated Codes

E2059M 441, 451, 461, 471, 481, 491, 501, 511
E2064M 491, 501

The three-digit date code is printed on the part number label for easy reference. Details and action to be taken for units installed on vehicles with dual tanks will follow within a week. Units installed during the following dates will be affected:

E2059M November 8, 2001 through December 20, 2001
E2064M December 10, 2001 through December 20, 2001

IN THE INTERIM, WE REQUEST THAT YOU PROVIDE US THE NAMES AND ADDRESSES OF ALL PERSONS OR ENTITIES THAT MAY HAVE PURCHASED OR INSTALLED THE AFFECTED FUEL PUMP MODULES DURING THE ABOVE REFERENCED TIME PERIOD. PLEASE RESPOND TO MASTER VIA MAIL, FAX OR E-MAIL.

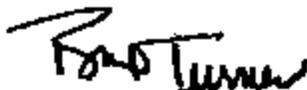
FAX NUMBER: 618-842-4069

E-MAIL ADDRESS: mastersales@airtexproducts.com

Please accept our apology for any and all inconvenience incurred as a result of this recall. Thank you in advance for your assistance in ensuring that the affected product is returned at Master's expense.

Yours truly,

**MASTER PARTS DIVISION
Airtex Products**



**Brad Turner
Sales Manager**



BULLETIN

AIRTEX PRODUCTS

PRODUCT SAFETY RECALL BULLETIN

01E-066 (16)



December 20, 2001

To: All Export Airtex Fuel Pump Customers



From: Russell Shockley

 Subject: Fuel Pump Module Recall
URGENT SAFETY ISSUE


 Re: E2059M
 E2064M

Dear Customer,



WE HAVE DETERMINED THAT THERE MAY BE A PRODUCT SAFETY RELATED DEFECT WITH THE E2059M AND E2064M FUEL PUMP MODULES. THE DESIGN OF THE AFFECTED FUEL MODULE MAY CAUSE FUEL TO LEAK FROM THE FUEL TANK WHEN THE FUEL MODULE IS INSTALLED. A PRELIMINARY INVESTIGATION INDICATES THE POSSIBILITY OF A FIRE OR EXPLOSION HAZARD.



No occurrences have been reported in the field. To avoid any potential problems it is necessary that you and your customers return all E2059M and E2064M modules presently in your inventories, with the following date codes, to their place of purchase for full credit.



Pump Number Date Codes

E2059M	441,451,461,481,491,501
E2064M	501



The three-digit date code is printed on the part number label for easy reference. Details and action to be taken for units installed on vehicles with dual tanks will follow within a week. Units installed during the following dates will be affected:



E2059M	November 9,2001 through December 20,2001
E2064M	December 12,2001 through December 20,2001





01E-066 (17)



IN THE INTERIM, WE REQUEST THAT YOU PROVIDE US THE NAMES AND ADDRESSES OF ALL PERSONS OR ENTITIES THAT MAY HAVE PURCHASED OR INSTALLED THE AFFECTED FUEL PUMP MODULES DURING THE ABOVE REFERENCED TIME PERIOD. PLEASE RESPOND TO AIRTEX EXPORT DEPARTMENT VIA MAIL, FAX OR E-MAIL.



FAX NUMBER 618-847-4069
E-MAIL ADDRESS exportsales@airtexproducts.com



Please accept our apology for any and all inconvenience incurred as a result of this recall. Thank you in advance for your assistance in ensuring that the affected product is returned at Airtex expense.

Sincerely,



Export Sales
Airtex Products

Russell Shockley
Export Sales Manager

