



December 16, 2004

Ms. Kathleen C. DeMeter, Director
Office of Defects
U.S. Department of Transportation
National Highway Traffic Safety Admin.
400 - 7th Street S.W.
Washington, DC 20590

04V-609
(13 pages)

EXECUTIVE SECRETARIAT
2004 DEC 22 A 10:27
TRANSMITTED

Dear Ms. DeMeter:

Winnebago Industries, Inc. submits the following report pursuant to Part 573 of the NHTSA regulations. The numbered paragraphs below correspond to those found at Part 573.5(c).

1. Winnebago Industries, Inc.
605 W. Crystal Lake Road
Forest City, IA 50436
2. The motor vehicles potentially containing the defect are on certain 2003, 2004, and 2005 model year Winnebago[®] and Itasca[®] (Models: Sightseer[®], Sunova[®], Brave[®], Voyage[™], Sunrise[®], Adventurer[®], Suncruiser[®], Chieftain[®], and Sunflyer[®]) motor homes built on a 20,700 GVWR or greater Workhorse chassis. These motor homes were manufactured August 6, 2003 through September 3, 2004. The vehicles were identified using production records showing models and VINs.
3. The total number of vehicles potentially containing the defect is: 3,403.
4. It is estimated that 100 percent of the vehicles contain the defect.
5. Winnebago Industries, Inc. has determined a safety defect exists where the fuel line crosses the frame cross member. There may not be sufficient clearance in this area. Without clearance, a condition may develop where the cross member may wear into the fuel line and a fuel leak may develop, which has the potential to ignite, resulting in personal injury and/or vehicle and property damage.
6. Winnebago Industries, Inc. discovered this defect as a result of our own monitoring of field support data by our Customer Service Department.
7. N/A.
8. Winnebago Industries, Inc. will remedy this situation by providing clearance between the fuel line and frame cross member. The fuel line will be inspected and, if necessary, replaced. Winnebago Industries[®] estimates the dealer letter will be mailed on or about January 7, 2005. The owner letter will be mailed two weeks later.
9. Enclosed is a copy of the dealer letter in draft form.

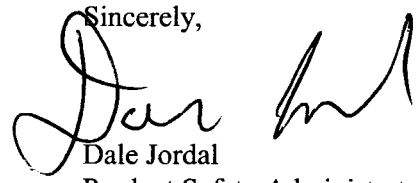
Recall93/1

Ms. Kathleen C. DeMeter, Director
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Page Two

10. Enclosed is a copy of the owner letter in draft form.

11. The recall documents will carry the Winnebago Industries, Inc. Number 93.

Should you have questions regarding this information, please contact the undersigned.

Sincerely,

Dale Jordal
Product Safety Administrator

Recall93/2

Enclosure

c: Ray Beebe
Steve Evenson
Marv Nieman
Donna Bindel
Ron Post

TO: Winnebago Industries, Inc. Dealers

SUBJECT: Campaign #93 – Workhorse™ Fuel Line

The National Traffic and Motor Vehicle Safety Act, as amended, provides that each vehicle which is subject to a recall campaign of this type must be adequately repaired within a reasonable time after the owner has tendered it for repair. A failure to adequately repair within 60 days after tender of a vehicle is prima facie evidence of failure to repair within a reasonable time.

If the condition is not adequately repaired within a reasonable time, the owners may be entitled to an identical or reasonably equivalent vehicle at no charge or to a refund of the purchase price less a reasonable allowance for depreciation.

To avoid having to provide these burdensome solutions, every effort must be made to promptly schedule an appointment with each owner and to repair their vehicle as soon as possible. As you will see in reading the enclosed copy of the letter which is being sent to owners, the owners are being instructed to contact Winnebago Industries, Inc. if you do not remedy the condition within five days of the mutually agreed upon service date. If the condition is not remedied within a reasonable time, they are instructed on how to contact the National Highway Traffic Safety Administration.

REASON FOR THIS RECALL

Winnebago Industries, Inc. has determined a safety defect exists on certain 2003, 2004, and 2005 model year Winnebago® and Itasca® (Models: Sightseer®, Sunova®, Brave®, Voyage™, Sunrise®, Adventurer®, Suncruiser®, Chieftain®, and Sunflyer®) motor homes built on a 20,700 GVWR or greater Workhorse chassis. These motor homes were manufactured August 6, 2003 through September 3, 2004. In the area where the fuel line and frame cross member intersect there may not be sufficient clearance. Without clearance, a condition may develop where the cross member may wear into the fuel line and a fuel leak may develop, which has the potential to ignite, resulting in personal injury and/or vehicle and property damage.

OWNER NOTIFICATION

Owners will be notified of this campaign on their vehicles by Winnebago Industries, Inc. For all units in your inventory, the notification will be mailed to you. **DO NOT DELIVER TO A CUSTOMER ANY SUBJECT UNIT UNTIL CORRECTIVE ACTION HAS BEEN TAKEN.** Enclosed is a list of vehicles shipped to you.

DEALER CAMPAIGN RESPONSIBILITY

Dealers are to service all vehicles subject to this campaign at no charge to owners regardless of mileage, age of vehicle, or ownership from this time forward.

Whenever a vehicle subject to this campaign is taken into new or used vehicle inventory, or it is in your dealership for service in the future, you should take the steps necessary to be sure the campaign correction has been made before reselling or releasing the vehicle. Owners of vehicles recently sold from your new vehicle inventory are to be contacted by the dealer, and arrangements made to make the required correction according to instructions contained in this campaign.

MEMORANDUM

Page Two

INSTRUCTION TO PERFORM CAMPAIGN #93

Affected Models:

Certain 2003, 2004, and 2005 Sightseer, Sunova, Brave, Voyage, Sunrise, Adventurer, Suncruiser, Chieftain, and Sunflyer built August 6, 2003 through September 3, 2004 on 20,700 GVWR or greater Workhorse chassis.

Repair Procedure:

Refer to instruction sheet for inspection and replacement of fuel line.

Parts Information:

Order the following Parts Kit from Winnebago Industries® using the WIN NET system. You will need the recall dealer number (7663) and the Winnebago Industries serial number of the affected vehicle to place the order.

Dealer Number: 7663

Kit Number : RC7663-05-793

Quantity	Part Description
1	Instruction Sheet
1	Fuel Line

REIMBURSEMENT

When the service has been completed, fill out your repair order that has the labor amount and labor operation number listed below. The repair order must be properly signed by both dealer and owner before it is submitted to Winnebago Industries.

	OPERATION NUMBER	TIME ALLOWANCE
<u>INSPECTION OF FUEL LINE AND/OR RELOCATE CROSS MEMBER:</u>	24930101	.4 hr.
- or -		
<u>REPLACEMENT OF FUEL LINE AND RELOCATE FRAME MEMBER</u>	24930201	1.3 hr.

Thank you for your cooperation.

Winnebago Industries, Inc.
Forest City, Iowa 50436

Recall93/5

Enclosures

**RE: BODY SERIAL
CHASSIS SERIAL**

Dear Owner:

This notice is being sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Our records indicate that you have purchased a vehicle with the serial number which appears above. If you have paid to have this defect corrected, you may be eligible for reimbursement. To be eligible, you must meet the requirements described in the enclosed Reimbursement Plan Notice.

REASON FOR THIS RECALL

Winnebago Industries, Inc. has determined a safety defect exists on certain 2003, 2004, and 2005 model year Winnebago[®] and Itasca[®] (Models: Sightseer[®], Sunova[®], Brave[®], Voyage[™], Sunrise[®], Adventurer[®], Suncruiser[®], Chieftain[®], and Sunflyer[®]) motor homes built on a 20,700 GVWR or greater Workhorse chassis. These motor homes were manufactured August 6, 2003 through September 3, 2004. In the area where the fuel line and frame cross member intersect there may not be sufficient clearance. Without clearance, a condition may develop where the cross member may wear into the fuel line and a fuel leak may develop, which has the potential to ignite, resulting in personal injury and/or vehicle and property damage

WHAT WE WILL DO

Winnebago Industries, Inc. dealers will provide clearance between the fuel line and frame cross member. The fuel line will be inspected and, if necessary, replaced at no charge to you.

WHAT YOU SHOULD DO

Please contact your Winnebago Industries, Inc. dealer immediately to arrange for an appointment. Please allow sufficient time for your dealer to obtain the kit for this recall. The labor time necessary to perform this correction will be approximately two hours. Please allow time for the dealer to process your vehicle.

Winnebago Industries, Inc. dealers are best equipped to obtain parts and provide service to ensure your vehicle is corrected as promptly as possible. HOWEVER, if you take your vehicle to the dealer on the agreed date and he does not service this condition on that date or within five days, we recommend you contact Winnebago Industries, Inc., Attn.: Owner Relations Representative (641-585-6939). If you are still unable to obtain such installation without charge to you and within a reasonable time, you may contact the Administrator, N.H.T.S.A., Washington, DC 20590, or call toll free, Auto Safety Hot Line, 888-327-4236.

Presentation of this letter to the service center will assist in making the necessary correction to your vehicle in the shortest possible time. If you have sold or traded your vehicle, please let us know by completing the postage-paid owner reply card and returning it to us.

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

We are sorry to cause you this inconvenience; however, we have taken this action in the interest of your safety and continued satisfaction with our products. This letter does not constitute an acknowledgment of legal liability.

Winnebago Industries, Inc.
Forest City, Iowa 50436

Recall93/6

Enclosure

REIMBURSEMENT PLAN NOTICE

Dear Owner:

If you have already paid to have this defect or noncompliance corrected (Winnebago Industries® Recall No. 93), you may be eligible for reimbursement under this plan.

TO BE ELIGIBLE, YOU MUST MEET ALL OF THE FOLLOWING REQUIREMENTS:

1. You own or have owned a Winnebago® or an Itasca® (Models: Sightseer®, Sunova®, Brave®, Voyage™, Sunrise®, Adventurer®, Suncruiser®, Chieftain®, and Sunflyer®) motor home built between August 6, 2003 through September 3, 2004 on a 20,700 GVWR or greater Workhorse chassis.
2. You have paid to replace or reroute a fuel line.
3. The repair was performed on or prior to January 21, 2005.
4. You have the original repair order or invoice showing:
 - ♦ Vehicle model and year or VIN.
 - ♦ Repair date.
 - ♦ Itemized labor charges including description of the work done to the fuel line.
 - ♦ Your name and address at the time of repair.
 - ♦ Name and address of repair shop.

TO REQUEST REIMBURSEMENT:

1. Complete the reimbursement application. (See reverse side.)
2. Mail this application along with the original copy of the repair order or invoice to:

Attention: Owner Relations
Winnebago Industries, Inc.
605 West Crystal Lake Road
P.O. Box 152
Forest City, IA 50436

3. Retain copies of repair order or invoice for your records.

SEE REVERSE SIDE FOR REIMBURSEMENT APPLICATION

Recall93/7

**REIMBURSEMENT APPLICATION
WINNEBAGO INDUSTRIES, INC.**

RECALL CAMPAIGN NO. 93

Please Print All Information:

First Name: _____

Last Name: _____

Mailing Address: _____

Telephone Number: _____

(If we need additional information)

INSTRUCTIONS TO PERFORM CAMPAIGN #93

Inspection of Fuel Line on 20,700 lb. GVWR or greater Workhorse Chassis

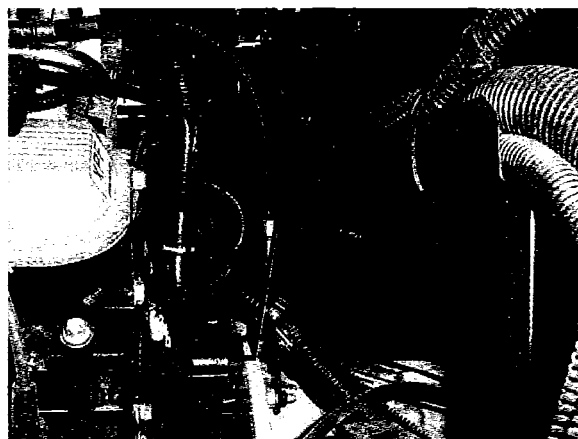
PROCEDURE

The basic procedure involves inspecting the fuel line and prying the wiring support channel back away from the line to provide additional clearance if necessary.

CAUTION: *If inspection reveals that the fuel line has any abrasion, wear or damage, the fuel line must be replaced.*

Step 1 – Inspect Chassis Fuel Line

- Remove the engine cover and visually inspect the location of the wiring channel in relation to the fuel line. Also inspect the fuel line for signs of contact or damage.



Step 2 – Pry Wiring Support Channel Away From Fuel Line

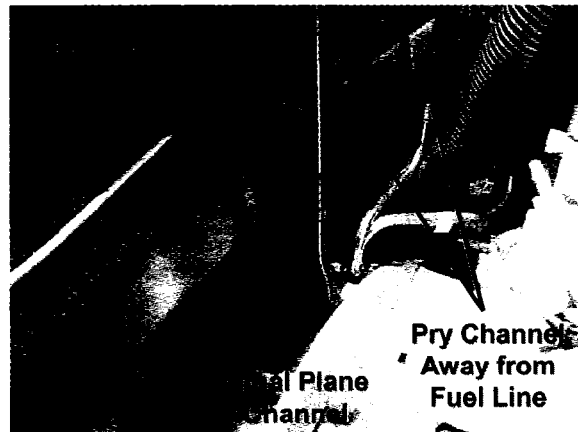
- If the channel is closer than $\frac{1}{2}$ " from the fuel line, place a pry bar against the top flange of the transmission bell housing and pry the channel away from the fuel line as shown in the photos to provide $\frac{1}{2}$ " minimum clearance.

Step 3 – Replace Any Damaged Fuel Line

- For purposes of this campaign, 'damaged' will be defined as any sign of wear such as abrasions, indentations or cuts.
- The Workhorse fuel pressure relief procedure and R&R procedure are shown on pages 2 - 6.

If you need additional information or assistance, call one of these Winnebago Industries contacts (for Dealerships Only)

- Service Administration/Technical Assistance.....866-653-4329.
- Warranty.....800-628-7692



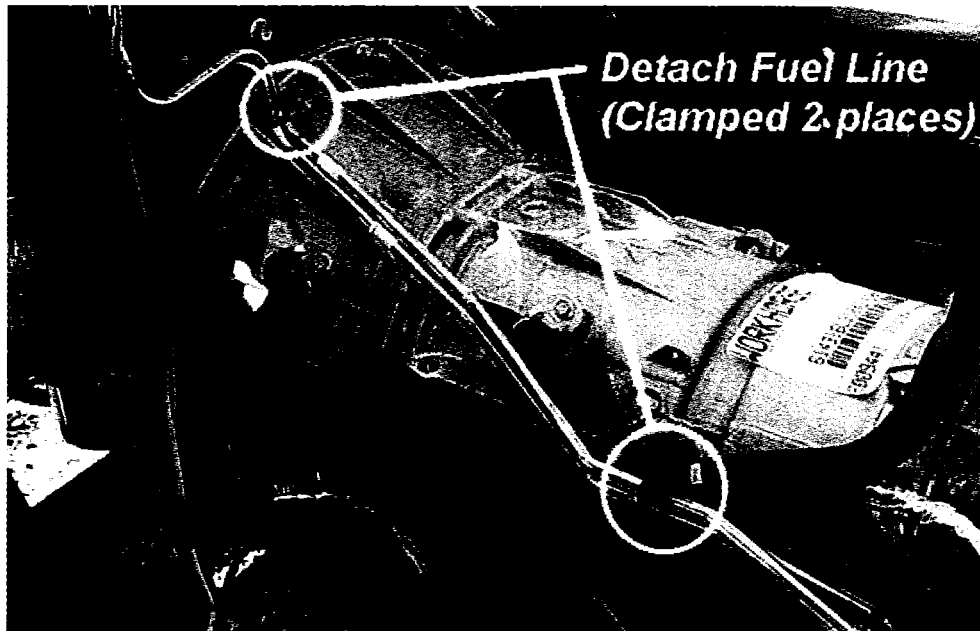


Photo shows top view of transmission on bare chassis for clarity of locations

Workhorse Fuel Pressure Relief and Replacement Procedure

Engine

Engine Controls – 8.1L (S1) 6-557

Fuel Pressure Relief Procedure

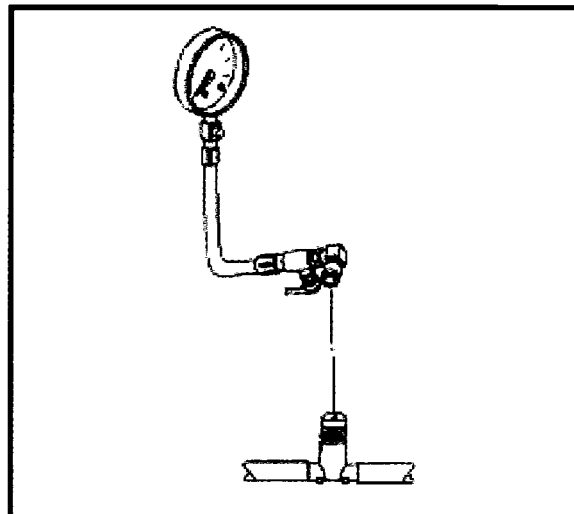
Caution: *Relieve the fuel system pressure before servicing fuel system components in order to reduce the risk of fire and personal injury.*

After relieving the system pressure, a small amount of fuel may be released when servicing the fuel lines or connections. In order to reduce the chance of personal injury, cover the regulator and the fuel line fittings with a shop towel before disconnecting. This will catch any fuel that may leak out. Place the towel in an approved container when the disconnection is complete.

Tools Required

J 34730-1A Fuel Pressure Gauge

1. Turn the ignition OFF.
2. Disconnect the negative battery cable in order to avoid possible fuel discharge if an accidental attempt is made to start the engine. Refer to *Battery Negative Cable Disconnect/Connect Procedure (Single Battery)* *Battery Negative Cable Disconnect/Connect Procedure (Auxiliary Battery)* in Engine Electrical.
3. Loosen the fuel filler cap in order to relieve the fuel tank vapor pressure.
4. Connect the J 34730-1A to the fuel pressure valve. Wrap a shop towel around the fitting while connecting the gauge in order to avoid spillage.
5. Install the bleed hose of the gauge into an approved container.
6. Open the valve on the gauge to bleed the system pressure. The fuel connections are now safe for servicing.
7. Drain any fuel remaining in the gauge into an approved container.

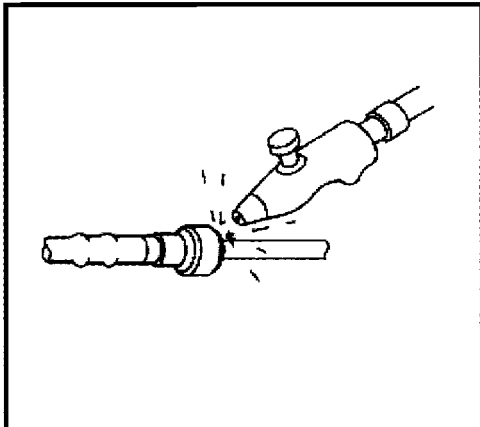


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Workhorse Fuel Line Removal and Replacement Procedure

(S1) 6-558 Engine Controls – 8.1L

Engine



12776

Quick Connect Fitting(s) Service (Metal Collar)

Tool Required

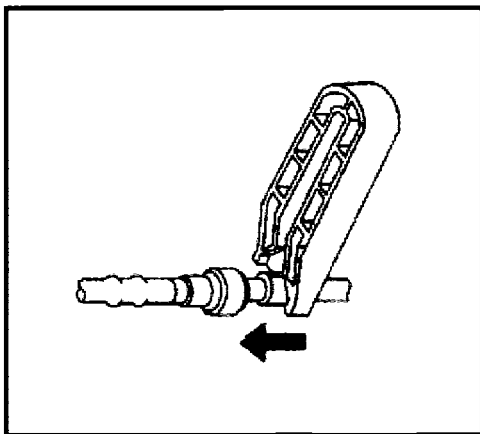
J 37088-A Fuel Line Quick-Connect Separator Tool Set

Removal Procedure

1. Relieve the fuel system pressure before servicing any fuel system connection. Refer to *Fuel Pressure Relief Procedure*.
2. Remove the retainer from the quick-connect fitting.

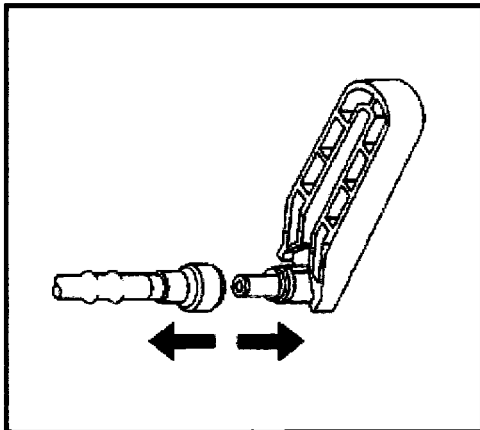
Caution: Refer to *Safety Glasses and Compressed Air Caution in Cautions and Notices*.

3. Blow dirt out of the fitting using compressed air.



12780

4. Choose the correct tool from the J 37088-A for the size of the fitting. Insert the tool into the female connector, then push inward in order to release the locking tabs.



12782

5. Pull the connection apart.

Notice: Refer to Quick-Connect Fittings Notice in Cautions and Notices.

6. Use a clean shop towel in order to wipe off the male pipe end.
7. Inspect both ends of the fitting for dirt and burrs. Clean or replace the components as required.

Workhorse Fuel Line Removal and Replacement Procedure – continued

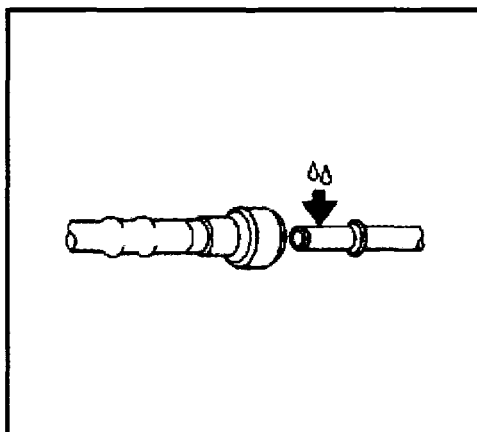
Engine

Engine Controls – 8.1L (S1) 6-559

Installation Procedure

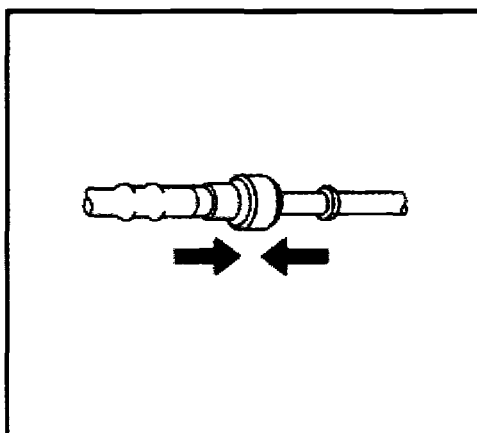
Caution: Refer to Fuel Pipe Fitting Caution in Cautions and Notices.

1. Apply a few drops of clean engine oil to the male pipe end.



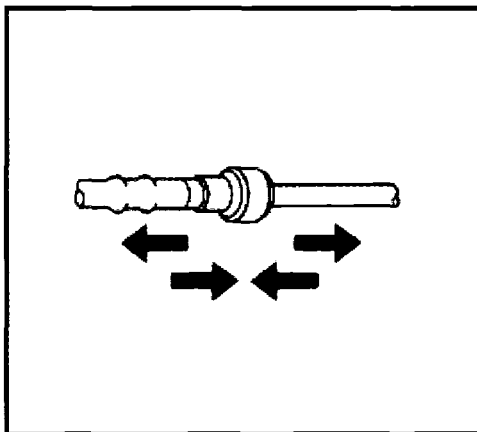
12764

2. Push both sides of the fitting together in order to snap the retaining tabs into place.



12765

3. Once installed, pull on both sides of the fitting in order to make sure the connection is secure.
4. Install the retainer to the quick-connect fitting.

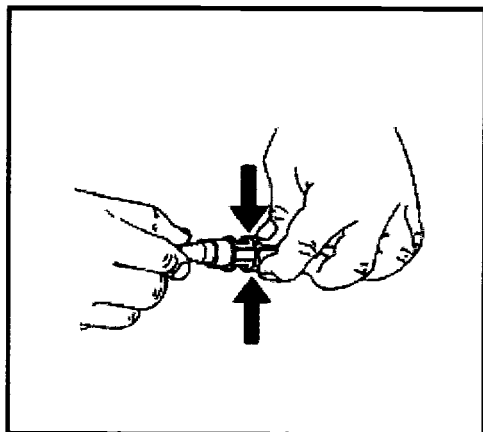


12767

Workhorse Fuel Line Removal and Replacement Procedure – continued

(S1) 6-560 Engine Controls – 8.1L

Engine



12777

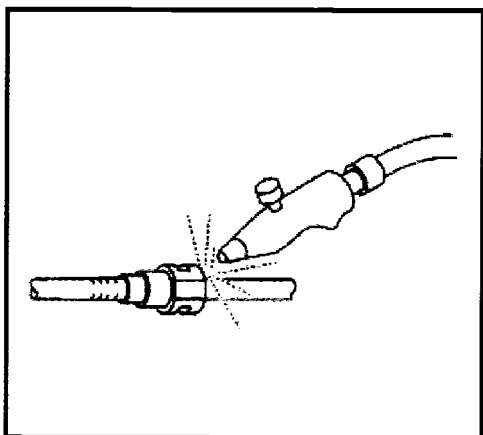
Quick Connect Fitting(s) Service (Plastic Collar)

Removal Procedure

1. Relieve the fuel system pressure before servicing any fuel system connection. Refer to *Fuel Pressure Relief Procedure*.

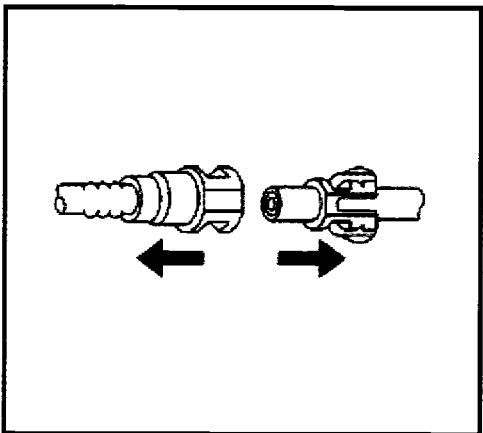
Caution: Refer to *Safety Glasses and Compressed Air Caution in Cautions and Notices*.

2. Using compressed air, blow any dirt out of the quick-connect fitting.



16540

3. Squeeze the plastic retainer release tabs.



12778

4. Pull the connection apart.

Workhorse Fuel Line Removal and Replacement Procedure – continued

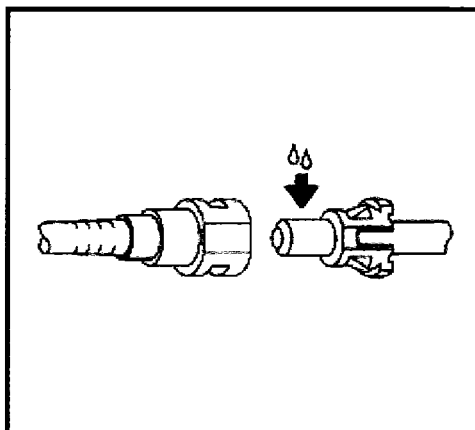
Engine

Engine Controls – 8.1L (S1) 6-561

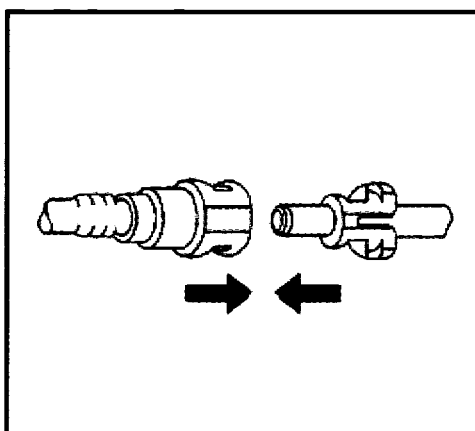
Installation Procedure

Caution: Refer to Fuel Pipe Fitting Caution in Cautions and Notices.

1. Apply a few drops of clean engine oil to the male fuel pipe end.



2. Push both sides of the quick-connect fitting together in order to cause the retaining tabs to snap into place.



3. Once installed, pull on both sides of the quick-connect fitting in order to make sure the connection is secure.

