

# Recall Bulletin 80918



**RECALL  
BULLETIN:**  
80918

**YEAR(S)  
AFFECTED:**  
2008-2009

**PRODUCT(S)  
AFFECTED:**

Jamboree,  
Jamboree GT,  
Jamboree Sport,  
Tioga, Tioga SL,  
Tioga Ranger

**MODEL(S)  
AFFECTED:**  
25G; 26J; 26Q;  
28T; 29V; 29VR;  
30H; 30U; 31K;  
31L; 31M; 31N;  
31W; 31MR; 31WR

**SUBJECT:**  
Repairing  
damaged  
evaporative  
emission line

**KEYWORDS:**  
Fuel, Fuel line,  
evaporative  
emission, EVAP

**ISSUE DATE:**  
February 2009

The purpose of this bulletin is to inform all Fleetwood dealers about the need to inspect, and if necessary, replace a section or sections of evaporative emission line on certain Class C motor homes built on a Ford E450 chassis. A complete list of affected motor homes appears at the end of this Bulletin.

## **CONDITION:**

During the manufacturing process, a section of plastic evaporative emission line, located near the evaporative system canister, may have become twisted, kinked, or otherwise damaged, restricting vapor flow through the lines. This occurrence may allow pressure to build up inside the evaporative system lines and the fuel tank, resulting in the sudden release of vapors from the tank when the gas cap is removed. Under certain conditions, excess vapors and fuel may be expelled from the fuel inlet.

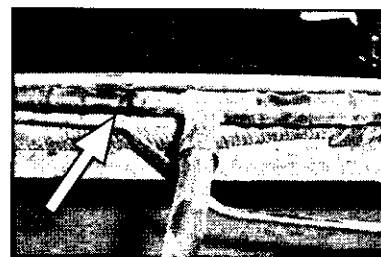
**NOTE:** Read this entire document before proceeding.

## **INSPECTION:**

### **⚠ WARNING**

**PERFORM WORK IN A WELL-VENTILATED AREA. DO NOT SMOKE OR HAVE OPEN FLAMES WHILE WORKING ON OR NEAR FUEL LINES.**

1. Park the motor home on a paved, level surface. Place the transmission in PARK and set the parking brake. Turn off the ignition and remove the ignition key. Maintain control of the keys until inspection and/or repairs are complete. Attach a notice, "DO NOT USE" to the ignition switch to prevent activation of the systems.



**Figure 1**

**(Applies to All Models)**

*The evaporative emission line pictured above is kinked and requires replacement.*

2. From under the motor home, locate the plastic evaporative emission line, running next to the steel fuel line and near the evaporative system canister. Check for evidence of damage. See Figure 1 for an example of a damaged line.



**Figure 2 - Applies to Model 26Q only**

*The 1/2" I.D. evaporative emission line pictured above is pinched and requires replacement.*

**Model 26Q Only:** In addition to the 5/16" I.D. line shown in Figure 1, a 1/2" I.D. section of evaporative emission line may also be damaged and require replacement. (Note: Both lines connect to the same plastic tee.) See Figure 2 for an example of a damaged 1/2" I.D. line.

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**(Inspection Procedures, continued)**

- A. If the evaporative emission line is kinked or otherwise damaged, the damaged section of line will need to be replaced.

**Model 26Q only:** If the unit requiring repair is a Model 26Q, temporary removal of the evaporative system canister may be required in order to access the repair area. Follow steps 9-26 to perform these procedures.

**For all other models requiring repair:** Follow steps 3-8, "Evaporative Emission Line Repair (5/16" ID)".

- B. If the evaporative emission line is undamaged, no further action is required.

**EVAPORATIVE EMISSION LINE REPAIR (5/16" I.D.)**

**⚠ WARNING**

**RESTRICTED EVAPORATIVE EMISSION LINES MAY HAVE ALLOWED THE BUILDUP OF EXCESS SYSTEM PRESSURE. USE EXTREME CARE AND USE PERSONAL PROTECTIVE EQUIPMENT TO AVOID CONTACT WITH FUEL OR FUMES.**

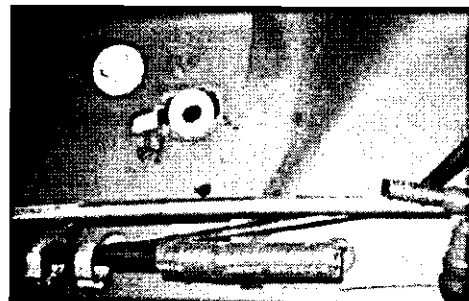
3. Remove the gas cap to alleviate excess pressure buildup in the evaporative system. Allow the system to vent completely.
4. Carefully score slits along the damaged section of plastic evaporative emission line until it can be removed from the steel line and plastic tee. Use extreme care to avoid damaging the tee or other components. Measure the length of the section of line that was removed. Cut a replacement piece of CARB-approved 5/16" I.D. evaporative emission line (supplied with Recall kit #569272) to approximately the same length as the original line. Discard the damaged line.

**NOTE:** Use only the CARB-approved replacement evaporative emission line supplied with the recall repair kit. **No substitutions are permissible.**

5. Slide the two new crimp style clamps, supplied with the Recall Kit, onto the steel fuel line, near the area being repaired. See Figure 3.
6. Push the OEM plastic line with tee forward only as necessary to facilitate installation of the new section of evaporative emission line. Next, pull the OEM plastic line with tee rearward while simultaneously sliding the hose onto the tee.

**NOTE:**

- Use extreme care to avoid damaging the tee.
- If lubrication is needed to aid in assembly use only WD-40.



**Figure 3**

*Slide the crimp style clamps onto the steel fuel line prior to installing the new section of CARB-approved evaporative emission line.*

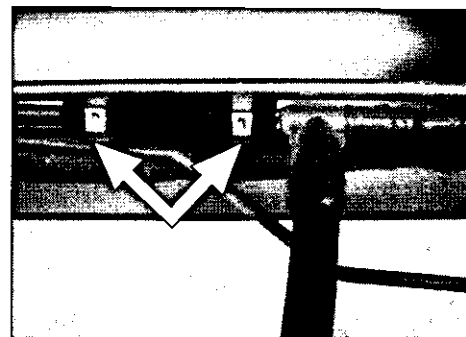
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7. Position the clamps at each end of the new section of replacement line. Verify they are situated between beads on the steel line and the tee. Use a clamp installation tool to tighten the clamps, securing the new section of evaporative emission line onto the steel fuel line and plastic tee. See Figure 4.
8. Replace the gas cap after all repairs are complete.

**This concludes all necessary repair procedures for all models except 26Q. If repairing a damaged 1/2" I.D. evaporative emission line on Model 26Q, perform Steps 9-26 as required to complete repairs.**

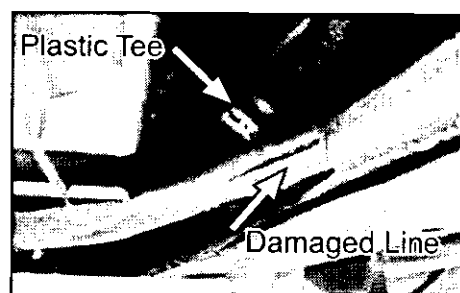


**Figure 4**  
The damaged section of evaporative emission line has been replaced. Crimp style clamps secure the new line.

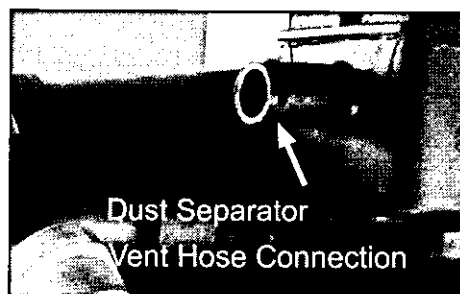
**MODEL 26Q ONLY (JAMBOREE SPORT, TIOGA RANGER): PROCEDURE FOR REPLACING DAMAGED 1/2" I.D. EVAPORATIVE EMISSION LINE**

**PARTS NOTE:** Recall Kit #569273 will be required to perform replacement of damaged 1/2" I.D. evaporative emission line.

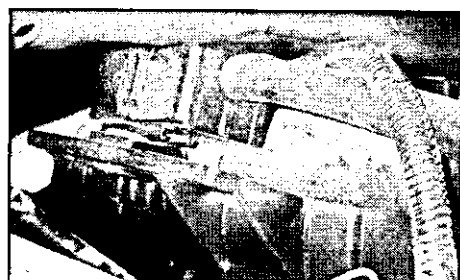
9. Remove the gas cap to alleviate excess pressure buildup in the evaporative system. Allow the system to vent completely.
10. Remove the three bolts securing the evaporative emission canister in place.
11. Carefully score slits along the damaged section of plastic evaporative emission line until it can be slid off the plastic tee. See Figure 5.
12. Disconnect the rear-facing vent hose from the dust separator, located above the evaporative emission canister. Refer to Figure 6.
13. Dismount the evaporative emission canister from the dust separator by pulling on the clip and sliding it off the rail. See Figure 7.
14. Carefully remove the evaporative emission canister assembly and set aside for later reinstallation.
15. Follow Steps 4-8 of the "Evaporative Emission Line Repair (5/16" I.D.)" procedures to replace the (smaller) 5/16" I.D. line **only** if damaged, then proceed to Step 16.



**Figure 5**  
Score slits in the damaged line until it can be removed from the plastic tee.



**Figure 6**  
Disconnect the rear vent hose from the dust separator



**Figure 7**  
Dismount the evaporative canister from the dust separator

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16. Carefully score slits along the damaged section of plastic evaporative emission line until it can be removed from the snap-on fitting on the canister.
17. Obtain a replacement piece of 1/2" I.D. evaporative emission line (supplied with Recall kit #569273). Discard the damaged line.
18. Slide a new crimp style clamp (supplied with Recall Kit 569273) over the new section of 1/2" I.D. evaporative emission line before positioning over the canister's snap-on fitting. Use a clamp installation tool to tighten the clamp until the new section of evaporative emission line is secured onto the fitting.

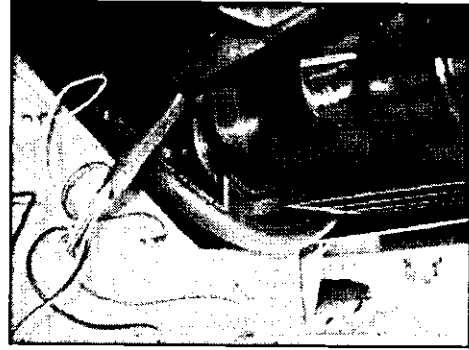
**NOTE:**

- Use only the CARB-approved replacement evaporative emission line supplied with the recall repair kit. **No substitutions are permissible.**
- If lubrication is needed to aid in assembly use only WD-40.

19. Mount the canister assembly back in its original location, but do not reinstall fastening hardware at this point. (The canister will be supported by the waste tank.) This will allow for easier installation of the replacement hose onto the tee.
20. Verify adequate length is allowed to provide clearance around the side-mount waste tank, and for a clamp to be installed at the plastic tee. See Figures 8 and 9. Trim the new section of 1/2" I.D. replacement line to the proper length, if required.
21. Slide a new clamp (supplied with the Recall Kit) onto the loose end of 1/2" I.D. replacement line, then slide the replacement hose onto the tee. Use a clamp installation tool to tighten the clamp until the new section of evaporative emission line is secured onto the tee. See Figure 9.

**NOTE:**

- Use only the CARB-approved evaporative emission line supplied with the recall repair kit. **No substitutions are permissible.**
  - If lubrication is needed to aid in assembly use only WD-40.
22. Reinstall the three bolts for the evaporative canister. Torque bolts to 11-15 ft-lbs.
  23. Reattach the canister assembly to the dust separator by sliding back onto the rail and engaging the retaining clip.



**Figure 8**

**Applies to Model 26Q Only**

Verify there is adequate clearance for the replacement section of evaporative emission line



**Figure 9**

**Applies to Model 26Q Only**

The damaged section of 1/2" I.D. evaporative emission line has been replaced. Crimp style clamps secure the new section in position.

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24. Reattach the vent hose to the dust separator.
25. Verify that the replacement evaporative emission line has adequate clearance to prevent kinking and provide a minimum of 6" clearance from hot or rotating components. Correct as necessary.
26. Replace the gas cap after all repairs are complete.

### **PARTS:**

#### **Special Parts Note For Model 26Q:**

If both sizes of plastic evaporative emission line are damaged on Model 26Q, order (qty. 1) of Recall Kit #569272 and (qty. 1) of Recall Kit #569273.

| <b><u>Part Number</u></b>                                                                                                                                                                                      | <b><u>Description</u></b>         | <b><u>Qty.</u></b> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------|
| 569272                                                                                                                                                                                                         | Kit, Recall 80918                 | 1 (when required)  |
| <u>Kit Includes:</u>                                                                                                                                                                                           |                                   |                    |
| <ul style="list-style-type: none"> <li>• 5/16" SAE 30R9 CARB LEVII Fuel Hose* (Qty. 1)</li> <li>• Clamp, gap-free pinch with tongue and groove, stainless steel, ID RANGE: 13.2 to 15.7 mm (Qty. 2)</li> </ul> |                                   |                    |
| 569273                                                                                                                                                                                                         | Kit, Recall 80918, Model 26Q Only | 1 (when required)  |
| <u>Kit Includes:</u>                                                                                                                                                                                           |                                   |                    |
| <ul style="list-style-type: none"> <li>• 1/2" CARB LEVII Fuel Hose* (Qty. 1)</li> <li>• Clamp, gap-free pinch with tongue and groove, stainless steel, ID RANGE: 20.9 to 24.1 mm (Qty. 2)</li> </ul>           |                                   |                    |
| Obtain locally                                                                                                                                                                                                 | WD-40 Lubricant                   | As Required        |

\*Approved by California Air Resources Board

### **TOOLS:**

|                |                                                  |               |
|----------------|--------------------------------------------------|---------------|
| Utility Knife  | Clamp Installation Tool or Oetiker Crimping Tool | Torque Wrench |
| Measuring Tape | Sockets with Ratchet Handles                     |               |

### **WARRANTY LABOR ALLOWANCE:**

Use Flat Rate Codes:

*Recall 80918, Class C Evaporative Emission Lines*

#### **All models except 26Q**

|         |          |                                  |
|---------|----------|----------------------------------|
| 9212-11 | 0.10 hr. | Inspected / Not Defective        |
| 9212-12 | 0.30 hr. | Inspected / Defective / Repaired |
| 9217-12 | 0.10 hr. | Customer Unreachable             |

#### **26Q models only**

|         |          |                                  |
|---------|----------|----------------------------------|
| 9215-11 | 0.10 hr. | Inspected / Not Defective        |
| 9215-12 | 1.00 hr. | Inspected / Defective / Repaired |
| 9215-17 | 0.10 hr. | Customer Unreachable             |

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(800) 816-9825

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