

**NOTE: BEFORE ATTEMPTING THIS RECALL, REVIEW VIP OR VEHICLE HISTORY TAB TO VERIFY THAT THE RECALL APPLIES TO THIS VEHICLE AND HAS NOT BEEN COMPLETED.**



# Recall Notification

No. **755**

June, 1998

**To: All Jeep® & Eagle Dealers**

**Subject: Safety Recall #755 -- Fuel Tank Sending Unit**

**Models:**

- 1997 Model Year Jeep Grand Cherokee (ZJ) Vehicles Built Through June 1, 1997 (MDH 060108)**
- 1997 Model Year Jeep Cherokee (XJ) Vehicles Built Through May 9, 1997 (MDH 050919)**
- 1997 Model Year Jeep Wrangler (TJ) Vehicles Equipped With a:**
  - 19 Gallon Fuel Tank (Sales Code -- NF1) Built Through May 9, 1997 (MDH 050907)**
  - 15 Gallon Fuel Tank (Sales Code -- NFS) Built Through May 13, 1997 (MDH 051323)**

The fuel tank level sending unit on about 400,000 of the above listed vehicles, may cause the fuel gauge to display an inaccurate fuel level. As a result, the vehicle may run out of fuel when the fuel gauge still indicates that there is fuel remaining in the tank. To correct this condition, the fuel tank level sending unit must be replaced.

**IMPORTANT: Some of the involved vehicles may be in dealer new vehicle inventory. Federal law requires you to complete this recall service on these vehicles before retail delivery. Dealers should also consider this requirement to apply to used vehicle inventory, and should perform this recall on vehicles in for service as determined by using DIAL System Function VIP.**

## Dealer Notification & Vehicle List

All dealers will receive a copy of this dealer recall notification letter by first class mail. **Each dealer to whom involved vehicles were invoiced** (or the current dealer at the same street address) **will receive a list of their involved vehicles**. The Vehicle List is arranged in Vehicle Identification Number (VIN) sequence. Owners known to Chrysler are also listed. The lists are for dealer reference in arranging for service of involved vehicles.

## DIAL System Functions 53 and VIP

All involved vehicles will be entered to DIAL System Functions 53 and VIP at the time of recall implementation for dealer inquiry as needed.

Function 53 provides involved dealers with an updated VIN list of incomplete vehicles. The customer name, address and phone number is listed if known. Parts information is also provided. Completed vehicles are removed from Function 53 within several days of repair claim submission. To use this system, type "53" at the "ENTER FUNCTION" prompt, then type "ORD755".

## Parts

**IMPORTANT: A quantity of parts will be distributed initially and billed to all involved dealers. This quantity will cover a portion of the total vehicles involved. Additional parts may be ordered as needed to support customer demand.**

Each involved dealer, to whom vehicles in the recall were invoiced (or the current dealer at the same street address), will receive enough Fuel Tank Sending Unit packages, to service about 25% of their phase 1 vehicles.

**Dealers should determine which parts package is required for each vehicle at the time appointments are scheduled to assure that the correct parts package is available when the customer arrives. The appropriate fuel tank sending unit package for the vehicle to be serviced may be determined by:**

- **Using the part code in the third column of the VIN list along with the following table (involved dealers):**
- **Using the VIN and part number list electronically transmitted to DIAL System Function 53 (involved dealers) or**
- **Entering the VIN to the DIAL VIP System (sales code information) along with the following table (all dealers).**

| Model               | Fuel Tank<br>(Sales Code) | Part<br>Code | Part Number |
|---------------------|---------------------------|--------------|-------------|
| Grand Cherokee (ZJ) | All                       | 1            | CBR17551    |
| Cherokee (XJ)       | All                       | 2            | CBK17552    |
| Wrangler (TJ)       | 19 Gallon (NF1)           | 3            | CBJ17553    |
|                     | 15 Gallon (NFS)           | 4            | CBF17554    |

Each parts package contains the following components:

| Quantity | Description                         |
|----------|-------------------------------------|
| 1        | Fuel Tank Sending Unit              |
| 1        | Seal, Fuel Tank Module              |
| 2        | J-Bolt, Fuel Tank Strap (XJ only)   |
| 2        | Nut, Fuel Tank Strap (XJ only)      |
| 4        | Push Clips, Splash Shield (TJ only) |
| 1        | Tie Strap (TJ only)                 |

## Owner Notification and Service Scheduling

All involved vehicle owners known to Chrysler are being notified of the service requirement by first class mail. They are requested to schedule appointments for this service with their dealers. A copy of the owner notification letter is attached.

Enclosed with each owner notification is an Owner Notification Form. The involved vehicle and recall are identified on the form for owner or dealer reference as needed.

## Service Procedure for Cherokee (XJ) and Grand Cherokee (ZJ) Vehicles:

**WARNING: The fuel system is under constant fuel pressure even with the engine off. Fuel pressure must be released before servicing the fuel tank.**

1. With the ignition key in the OFF position, disconnect the battery.

Note: To enhance customer satisfaction, remember to record all radio settings before disconnecting the battery and to reset all electronic memory (clock, radio settings, etc.) when you have completed the service procedure.

2. Remove the fuel tank filler cap to release the fuel tank pressure.
3. Remove the protective cap from the pressure test port on the fuel rail.

**WARNING: Do not allow fuel to spill onto the engine intake or exhaust manifolds. Place shop towels under and around the pressure port to absorb fuel when pressure is released from the rail.**

4. Obtain the hose from the fuel pressure gauge tool set #5069. Position one end of the hose into an approved gasoline container, then attach the hose to the fuel rail test port to release the fuel pressure.
5. Remove the hose from the fuel rail and reinstall the test port cap.
6. Raise the vehicle on an appropriate hoist.
7. **For XJ vehicles only:** Remove the fuel hose shield ([Figure 1](#)).
8. Remove the fuel tank filler hose and vent hose clamps at the fuel tank filler tube ([Figure 2](#)). Remove both hoses from the filler tube.
9. Drain the fuel tank by inserting a 1/4" I.D. fuel hose through the vent hose. Attach the other end of the hose to an approved gasoline storage container and then drain the tank until empty.
10. Remove the fuel tank skid plate, trailer hitch and/or tow hooks (if equipped) ([Figure 3](#)).

**NOTE: Trailer hitch and tow hook removal is required only if the vehicle has a skid plate.**

11. Remove the tailpipe heat shield.
12. Disconnect the fuel supply hose near the front of the fuel tank ([Figure 4](#)).
13. Disconnect the vapor canister vent hose near the front of the fuel tank ([Figure 4](#)).
14. Disconnect the fuel pump module electrical connector near the front of the fuel tank ([Figure 4](#)).
15. Place a hydraulic jack under the fuel tank.
16. Remove the two (2) fuel tank strap nuts and position the straps away from the tank ([Figure 3](#)).
17. Lower the fuel tank slightly to access the fuel filler and vent hoses.
18. Remove the fuel filler and vent hoses from the fuel tank ([Figure 3](#)).
19. Continue lowering the fuel tank and then place the fuel tank on the floor.
20. Thoroughly wash and clean the area around the fuel pump module to prevent contaminants from entering the tank.
21. Remove the fuel pump module locknut using Miller Special Tool #6856 ([Figure 5](#)).

**NOTE: The fuel pump module will spring up when the locknut is removed.**

22. Remove the fuel pump module from the fuel tank.
23. Remove and discard the fuel pump module gasket.
24. Disconnect the sending unit electrical connector ([Figure 6](#)).
25. Press the release tab and remove the sending unit from the fuel pump module ([Figure 7](#)). Discard the sending unit.
26. Install the new fuel gauge sending unit onto the fuel pump module ([Figure 7](#)).
27. Connect the sending unit electrical connector ([Figure 6](#)).
28. Install the provided fuel pump module gasket onto the fuel tank.
29. Position the fuel pump module into the fuel tank opening.
30. Loosely install the fuel pump module locknut.
31. Rotate the fuel pump module until the arrow is pointed toward the front of the vehicle (12 o'clock position).

**NOTE: Make sure that the pump module is properly positioned or the fuel gauge float may bind.**

32. Tighten the locknut to 55 ft-lbs (75 N·m) using Special Tool #6856 ([Figure 5](#)).
33. Rotate the fuel filter/fuel pressure regulator until its fitting is pointed to the 11 o'clock position (if necessary).
34. Position the fuel tank on the hydraulic jack.
35. Raise the tank into position.
36. Attach the fuel filler and vent hoses to the fuel tank. Make sure that the hose index marks are aligned with the tank index tangs ([Figure 8](#)). Tighten the hose clamps to 27 in-lbs (3 N·m).
37. Attach the two (2) fuel tank mounting straps and mounting nuts ([Figure 3](#)).
  - **For ZJ vehicles:** Tighten the two mounting nuts until the nut is 3 1/4 - 3 7/16 in (83-86 mm) from the end of the mounting bolts ([Figure 3](#)). Do not over tighten.
  - **For XJ vehicles:** Tighten the fuel tank strap nuts to 90 in-lbs (10 N·m). Do not over tighten.
38. Install the fuel filler and vent hoses onto the fuel filler tube ([Figure 2](#)). Tighten the hose clamps to 27 in-lbs (3 N·m).
39. Connect the fuel pump module electrical connector ([Figure 4](#)).
40. Connect the fuel supply hose ([Figure 4](#)).
41. Connect the vapor canister vent hose ([Figure 4](#)).
42. Install the exhaust tailpipe heat shield.
43. Install the fuel tank skid plate, trailer hitch and/or tow hooks (if equipped).
44. **For XJ vehicles:** Install the fuel hose shield ([Figure 1](#)).
45. Lower the vehicle.

46. Refill the fuel tank and install the fuel filler cap.
47. Reconnect the negative battery terminal.

## Service Procedure for Wrangler (TJ) Vehicles:

**WARNING: The fuel system is under constant fuel pressure even with the engine off. Fuel pressure must be released before servicing the fuel tank.**

1. With the ignition key in the OFF position, disconnect the battery.

Note: To enhance customer satisfaction, remember to record all radio settings before disconnecting the battery and to reset all electronic memory (clock, radio settings, etc.) when you have completed the service procedure.

2. Remove the fuel tank filler cap to release the fuel tank pressure.
3. Remove the protective cap from the pressure test port on the fuel rail.

**WARNING: Do not allow fuel to spill onto the engine intake or exhaust manifolds. Place shop towels under and around the pressure port to absorb fuel when pressure is released from the rail.**

4. Obtain the hose from the fuel pressure gauge tool set #5069. Position one end of the hose into an approved gasoline container, then attach the hose to the fuel rail test port to release the fuel pressure.
5. Remove the hose from the fuel rail and reinstall the test port cap.
6. Remove the eight (8) screws that retain the plastic fuel filler bezel to the body and then remove the fuel filler bezel ([Figure 9](#)).
7. Raise the vehicle on an appropriate hoist.
8. Cut the tie wrap that secures the rear axle vent hose to the fuel filler hoses.
9. Remove the four (4) rear push clips from the left rear wheel well splash shield and pull back the shield to access the fuel filler and vent tubes.
10. Disconnect the vent tube from the fuel tank.
11. Drain the fuel tank by inserting a 1/4" I.D. fuel hose through the vent hose nipple. Attach the other end of the hose to an approved gasoline storage container and then drain the tank until empty.
12. Disconnect the fuel pump module electrical connector at the front of the fuel tank ([Figure 10](#)).
13. Disconnect the fuel vapor hose from the steel vapor tube at the front of the fuel tank ([Figure 10](#)).
14. Disconnect the fuel hose at the front of the fuel tank ([Figure 10](#)).
15. Position a transmission jack under the fuel tank skid plate.

**NOTE: The fuel tank and skid plate are removed as an assembly.**

16. Remove the three (3) skid plate to body nuts at the front of the fuel tank ([Figure 11](#)).
17. Remove the four (4) skid plate to body nuts at the rear of the fuel tank ([Figure 12](#)).

**IMPORTANT: Do NOT loosen the tank strap nuts.**

18. Lower the fuel tank assembly and set it on the floor.
19. Thoroughly wash and clean the area around the fuel pump module to prevent contaminants from entering the tank.
20. Remove the fuel pump module locknut using Miller Special Tool #6856 ([Figure 13](#)).

**NOTE: The fuel pump module will spring up when the locknut is removed.**

21. Remove the fuel pump module from the fuel tank.
22. Remove and discard the fuel pump module gasket.
23. Disconnect the sending unit electrical connector ([Figure 14](#)).
24. Press the release tab and remove the sending unit from the fuel pump module ([Figure 15](#)). Discard the sending unit.
25. Install the new fuel gauge sending unit onto the fuel pump module ([Figure 15](#)).
26. Connect the sending unit electrical connector ([Figure 14](#)).
27. Install the provided fuel pump module gasket onto the fuel tank.
28. Connect the fuel vent hose to the fuel tank. Tighten the hose clamp to 27 in-lbs (3 N·m).
29. Position the fuel pump module into the fuel tank opening.
30. Loosely install the fuel pump module locknut.
31. Rotate the fuel pump module until the arrow is pointed toward the front of the vehicle (12 o'clock position).

**NOTE: Make sure that the pump module is properly positioned or the fuel gauge float may bind.**

32. Tighten the locknut to 55 ft-lbs (75 N·m) using Special Tool #6856 ([Figure 13](#)).
33. Rotate the fuel filter/fuel pressure regulator until its fitting is pointed to the 10 o'clock position (if necessary).
34. Position the fuel tank on the hydraulic jack.
35. Raise the tank into position.
36. Install the seven fuel tank mounting nuts ([Figure 11](#) and [Figure 12](#)). Tighten the nuts to 141 in-lbs (16 N·m).
37. Connect the fuel tank module electrical connector at the front of the fuel tank ([Figure 10](#)).
38. Connect the fuel vapor hose to the fuel vapor tube ([Figure 10](#)).
39. Connect the fuel hose to the fuel tank module ([Figure 10](#)).
40. Secure the rear axle vent hose to the fuel filler hoses with the new tie strap.
41. Install the rear wheel well splash shield using the provided push clips.
42. Lower the vehicle.
43. Install the fuel filler bezel ([Figure 9](#)). Tighten the eight screws securely.
44. Refill the fuel tank and install the fuel filler cap.
45. Reconnect the negative battery cable.

## Completion Reporting and Reimbursement

Claims for vehicles which have been serviced must be submitted on the DIAL System. Claims submitted will be used by Chrysler to record recall service completions and provide dealer payments.

Use one of the following labor operation numbers and time allowances:

| Description   | Labor Op. No. | Time     |
|---|---------------|----------|
| Replace fuel tank sending unit<br><input type="checkbox"/> Grand Cherokee (ZJ) and Cherokee (XJ) vehicles:<br><input type="checkbox"/> Without a Skid Plate | 14755182      | 0.8 Hrs. |
| Replace fuel tank sending unit<br><input type="checkbox"/> Grand Cherokee (ZJ) and Cherokee (XJ) vehicles:<br><input type="checkbox"/> With a Skid Plate    | 14755183      | 1.1 Hrs. |
| Replace fuel tank sending unit<br><input type="checkbox"/> Wrangler (TJ) vehicles   | 14755184      | 1.3 Hrs. |

**Add the cost of the recall parts package plus applicable dealer allowance to your claim.**

**Note:** See the Warranty Administration Manual, Recall Claim Processing Section for complete recall claim processing instructions.

## Parts Return

Not required.

## Vehicle Not Available

If a vehicle is not available for service for a known reason, let us know by filling out the pre-addressed Vehicle Disposition Form portion of the Owner Notification Form or describe the reason on a postcard and mail to:

Chrysler Corporation  
CIMS 482-00-85  
800 Chrysler Drive East  
Auburn Hills, Michigan 48326-2757

Following the above procedures will expedite the processing of your claim.

If you have any questions or need assistance in completing this action, please contact your Zone Service Office.

**IMPORTANT****DEALER SERVICE INSTRUCTIONS****Safety Recall #755 -- Fuel Tank Sending Unit**

- This service requirement applies only to:
  - **1997 Model Year Jeep Grand Cherokee (ZJ) Vehicles Built Through June 1, 1997 (MDH 060108)**
  - **1997 Model Year Jeep Cherokee (XJ) Vehicles Built Through May 9, 1997 (MDH 050919)**
  - **1997 Model Year Jeep Wrangler (TJ) Vehicles Equipped With a:**
    - **19 Gallon Fuel Tank (Sales Code -- NF1) Built Through May 9, 1997 (MDH 050907)**
    - **15 Gallon Fuel Tank (Sales Code -- NFS) Built Through May 13, 1997 (MDH 051323)**
- The fuel tank level sending unit on the above listed vehicles, may cause the fuel gauge to display an inaccurate fuel level. To correct this condition, the fuel tank level sending unit must be replaced.
- Effective immediately all repairs on involved vehicles are to be performed according to this Recall Notification. The Labor Operation Number for TSB 08-19-97 Rev. A is being canceled. Vehicles that have had the TSB repair performed have been removed from this recall.
- This recall will be launched in phases. Owners of Grand Cherokee (ZJ) and Cherokee (XJ) vehicles built through November 30, 1996 (MDH 1130XX), will be notified initially.

**Parts Packages:**

- Each involved dealer, to whom vehicles in the recall were invoiced, will receive enough Sending Unit Packages to service about 25% of their Phase 1 vehicles.

**SAFETY RECALL TO REPLACE YOUR VEHICLE'S FUEL TANK SENDING UNIT**

Dear Jeep Cherokee, Grand Cherokee or Wrangler Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Chrysler Corporation has determined that a defect which relates to motor vehicle safety exists in some **1997 Jeep Cherokee, Grand Cherokee and Wrangler vehicles**.

The problem is...

**The fuel tank level sending unit on your vehicle** (identified on the enclosed form), **may cause the fuel gauge to display an inaccurate fuel level. As a result, your vehicle may run out of fuel when the fuel gauge indicates that there is fuel still remaining in the tank. This could cause an accident without prior warning.**

**What Chrysler and your dealer will do...**

**Chrysler will repair your vehicle free of charge (parts and labor).** To do this, your dealer will replace the fuel tank sending unit. The work will take about two hours to complete. However, additional time may be necessary depending on how dealer appointments are scheduled and processed.

What you must do to ensure your safety...

**Simply contact your dealer** right away to schedule a service appointment. Ask the dealer to hold the parts for your vehicle or to order them before your appointment.

**Bring the enclosed Owner Notification Form with you to your dealer.** It explains the required service to the dealer.

If you need help...

If you have trouble getting your vehicle repaired, please **call the Chrysler Customer Center, toll free, at 1-800-992-1997**. A representative will assist you in getting your vehicle repaired. If your dealer fails or is unable to remedy this defect without charge

and within a reasonable time, you may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, S.W., Washington, D.C. 20590, or call the Toll Free Auto Safety Hotline at 1-800-424-9393. (Washington, D.C. area residents may call 1-202-366-0123.)

We're sorry for any inconvenience, but we are sincerely concerned about your safety. Thanks for your attention to this important matter.

*Customer Services Field Operations  
Chrysler Corporation  
755*

*Buckle up  
for Safety* 