

2009 YW125Y (ZUMA 125)

FACTORY MODIFICATION CAMPAIGN – Fuel Pump

INTRODUCTION

Yamaha Motor Corporation, U.S.A. has decided that a defect which relates to motor vehicle safety exists in all 2009 YW125Y (Zuma 125) model scooters. In affected scooters, there may be improper clearance in internal fuel pump components that causes an inadequate supply of fuel. This limited fuel supply could cause performance problems and hard starting or, in the worst case, engine stalling, resulting in the possibility of a crash with injury or death.

To correct this problem, Yamaha is initiating a Factory Modification Campaign. Affected units must have a new improved fuel pump installed.

Yamaha is notifying all registered owners of affected scooters by mail. A copy of this letter is included in this bulletin. The customer should take this letter along with the affected scooter to an authorized Yamaha dealer for modification.

A computer report listing all affected scooters invoiced to your dealership is included with this bulletin. Use the list to help ensure all scooters are modified. All sold scooters that have been registered with Yamaha will show the customer's name and address. Your dealership must notify the owner of any affected scooter that was actually sold but listed as "unsold" in the report.

You must modify all affected scooters in your inventory as well as all customer-owned scooters brought to you for this service. Any affected scooter that you purchase from Yamaha in the future may also require modification. If you purchase a scooter from another dealer or Yamaha, check to see if the procedures in this bulletin have already been performed before you sell the scooter.

Scooters that are affected should not be operated until they are modified. It is a violation of Yamaha policy for your dealership to deliver any affected scooter to customers until the procedures in this bulletin are performed.

When the modification on each scooter is performed, follow the Warranty information section of this bulletin to receive reimbursement. Be sure to use the Factory Modification Campaign procedures in Chapter 7 of the **Warranty and Y.E.S. Handbook** (LIT-11760-00-08).

DEALER ACTION SUMMARY

Unsold Units:

Install the new fuel pump and sealing O-ring on all affected units during setup before adding fuel to the fuel tank.

Sold Units:

Install the new fuel pump and sealing O-ring on all affected units whether or not the fuel pump is operating or not. Check first to be sure the modification has not already been performed (see *Identification Procedure* in this bulletin for more information).

Parts:

Yes, order the appropriate new fuel pump kits for each affected unit.

Warranty:

Factory Modification Campaign. See the Warranty Information section of this bulletin. This modification applies to all affected units regardless of ownership or warranty status.

Notify Customers:

Yes. You must immediately contact any customer whose scooter shows as unregistered on the enclosed report. Yamaha has sent letters to customers whose scooters were registered with state departments of motor vehicles as of -----, as well as any scooters registered for warranty after ----- up to and including -----.

AFFECTED RANGE

All 2009 YW125Y

SE48Y-0000101 ~ 0008800

SERVICE PROCEDURES

⚠ WARNING

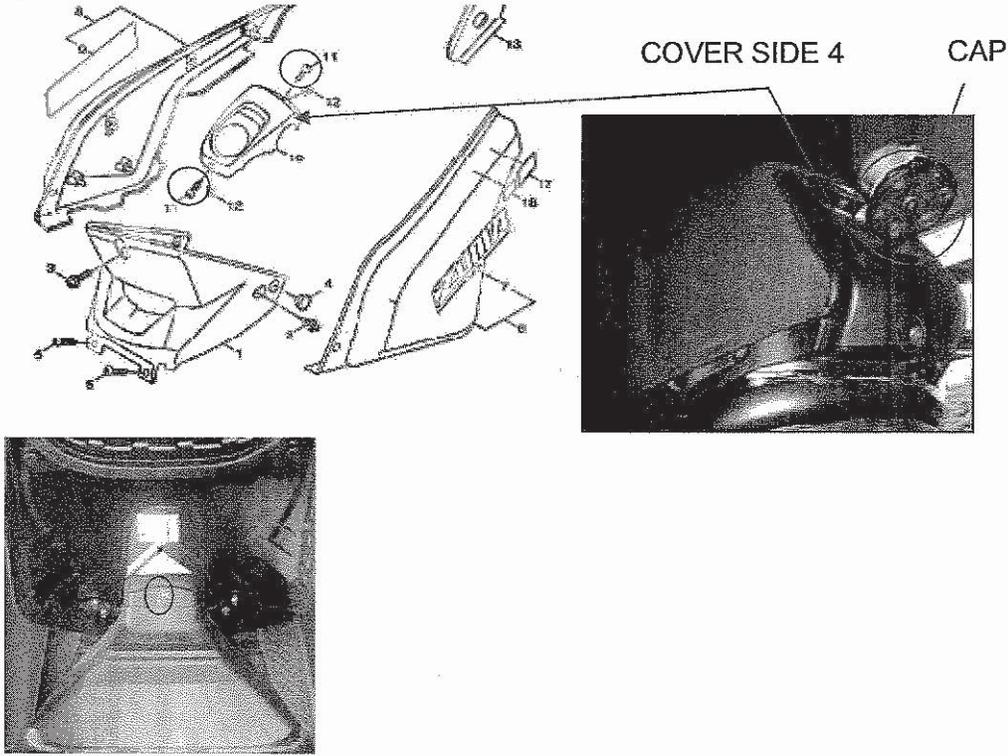
Gasoline is flammable. Use a rag to absorb any fuel leaks from the fuel pump or fuel tank during and after removal. Properly dispose of any fuel-soaked rag. Perform this procedure away from any sparks, flames, or other sources of ignition.

Refer to the YW125Y Service Manual LIT-11616-22-71 as needed for service procedures.

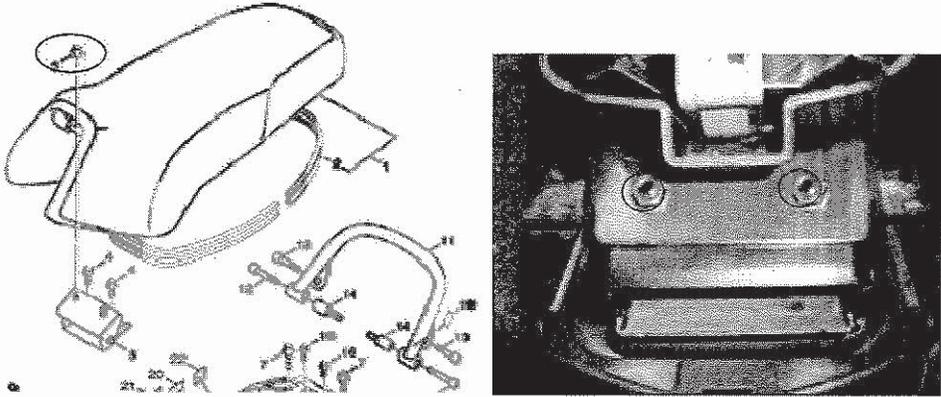
1. Disconnect the negative (-) battery terminal.
2. If the unit has been operated or had fuel added, drain the fuel from the tank through the filler neck using a suitable pump.

3. Remove the cap cover of the fuel tank cap by removing its three screws. Then remove "Cover Side 4" held with two tapping screws.

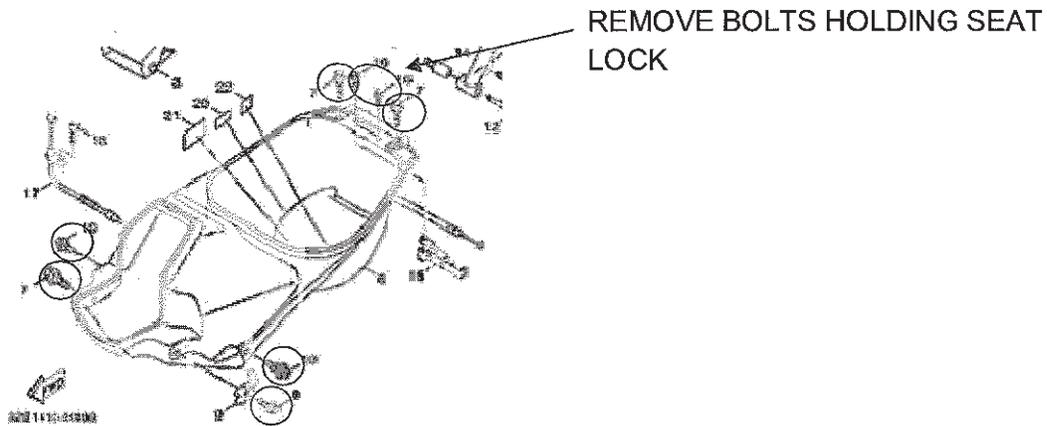
4.



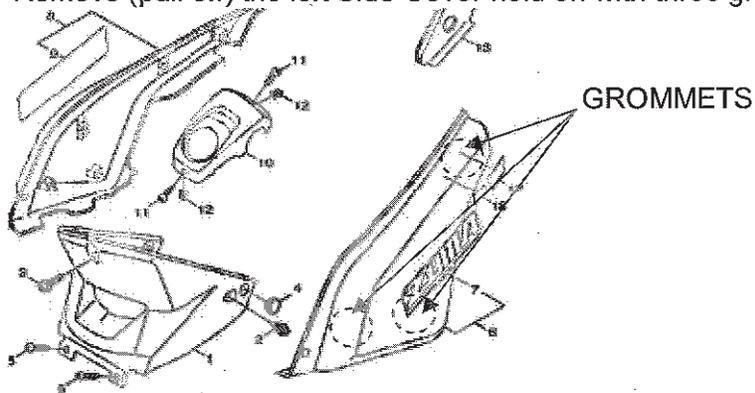
5. Remove the double seat. The seat is fixed with two nuts at the hinge.



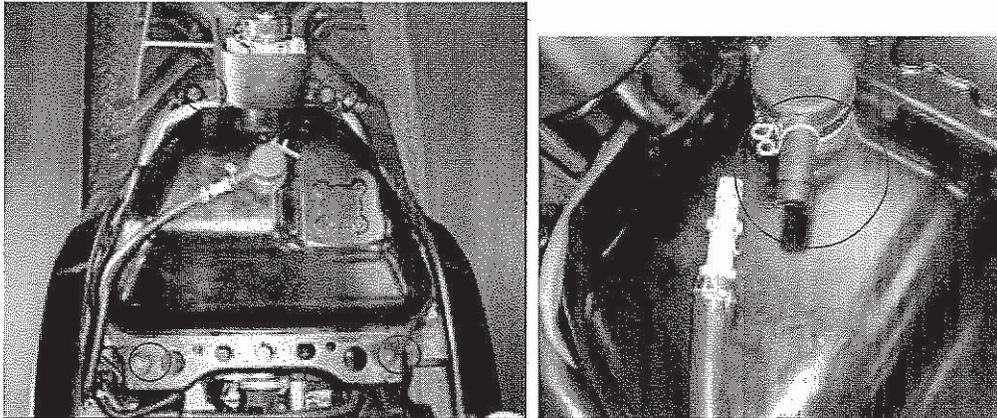
6. Remove the helmet box. The helmet box is fixed with body and covers with four flange bolts and two plastic rivets.



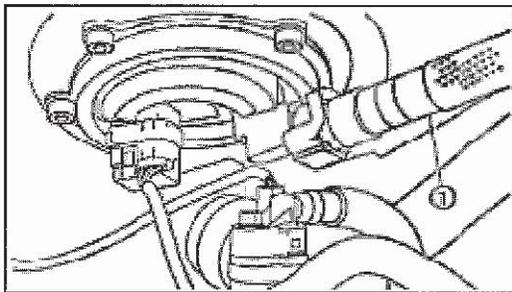
7. Remove (pull off) the left Side Cover held on with three grommets.



8. Remove the four bolts holding the fuel tank to the frame. Remove the breather hose with its clamp.



9. Disconnect the fuel hose and coupler from the fuel tank.



//\ WARNING

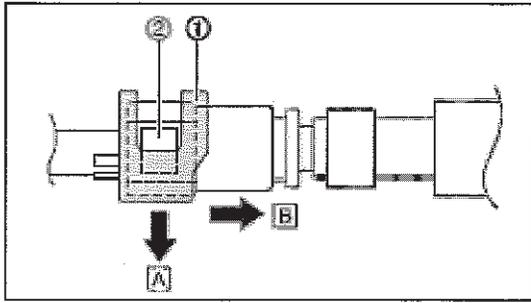
Cover fuel hose connections with a cloth when disconnecting them. Residual pressure in the fuel lines could cause fuel to spurt out when removing the hose.

NOTICE:

- **Be sure to disconnect the fuel hose by hand. Do not forcefully disconnect the hose with tools.**
- **Although the fuel has been removed from the fuel tank be careful when removing the fuel hose, since there may be fuel remaining in it.**
- **Do not disconnect the fuel hose from the fuel hose connector. Disconnect the connector from the fuel pump.**

TIP

- **Before removing the hose, place a few rags in the area under where it will be removed.**
- **Slide the fuel hose connector cover (1) in the direction of the arrow shown [A], press the two buttons (2) on the sides of the connector, and then remove the hose by pulling back [B].**

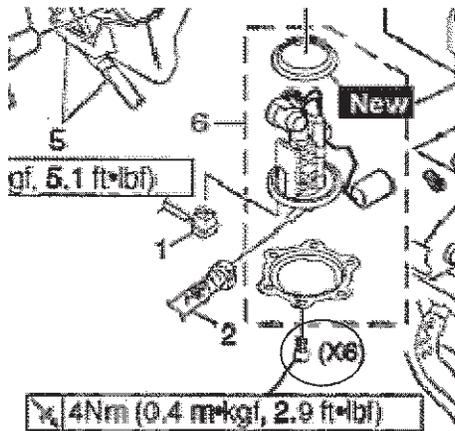


10. Remove the fuel tank assembly.

TIP

Do not set the fuel tank down so that the installation surface of the fuel pump is directly under the tank. Be sure to lean the fuel tank in an upright position.

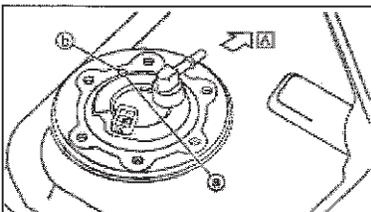
11. Remove the fuel pump assembly after removing the six bolts.



12. Install the fuel pump assembly with new O-ring.

NOTICE:

Do not drop the fuel pump or give it a strong shock.
Do not touch the base section of the fuel sender.



TIP:

- Do not damage the installation surface of the fuel tank when installing the fuel pump.
- Always use a new fuel pump gasket (O-ring).
- Align the projection a on the fuel pump with the alignment mark (b) on the fuel tank.
- Tighten the fuel pump bolts in the proper tightening sequence as shown and torque them in two stages.

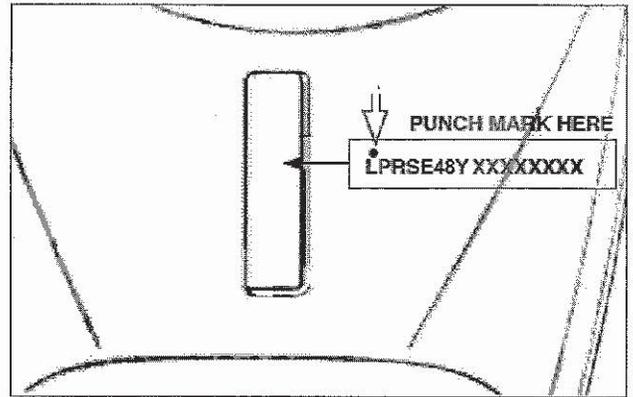
Fuel pump bolts:

4 Nm (0.4 m-kgf, 2.9 ft-lbf)

13. Reconnect the fuel hose and fuel pump coupler.
14. For installation tank and covers, reverse the removal procedure.
15. When the service procedure is completed, put a punch mark above the VIN number as indicated in the Identification Procedure below.

IDENTIFICATION PROCEDURE

After modifying a unit, make a punch mark above the Vehicle Identification Number (VIN) as shown in the adjacent illustration. Check for this punch mark if you encounter an unfamiliar unit. You can also check unit status on YDS or by contacting your Regional Technical Advisor.



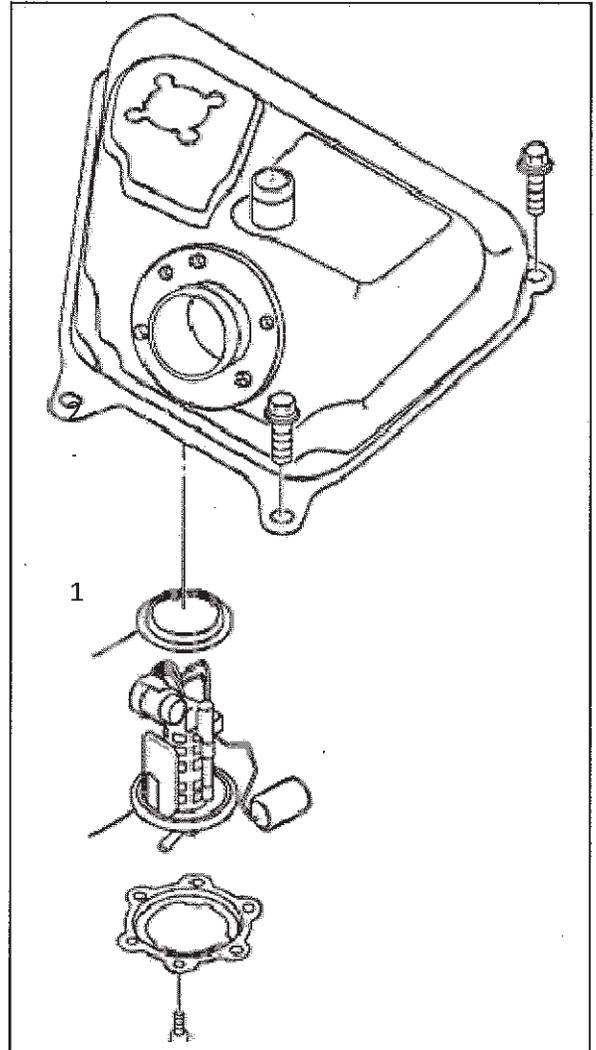
Parts Information

For each affected unit, order a Fuel Pump Kit.

Part Number	Description	Qty.	Dealer Cost
90891-10235-00	YW125 Fuel Pump Kit (1) Fuel Pump Assy (2) O-Ring	1	\$126.67

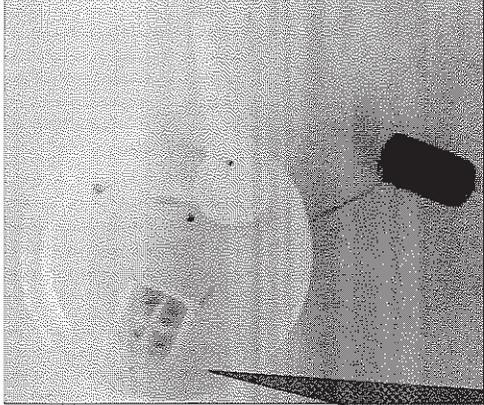
The Fuel Pump Assembly is superseded:

Old Part Number	New Part Number
5S9-E3907-00-00	5S9-E3907-10-00

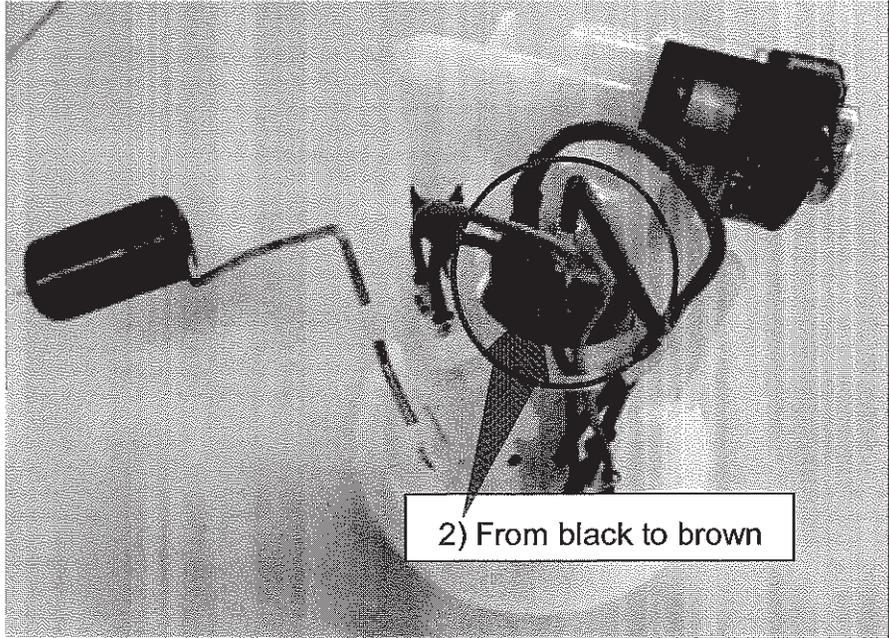
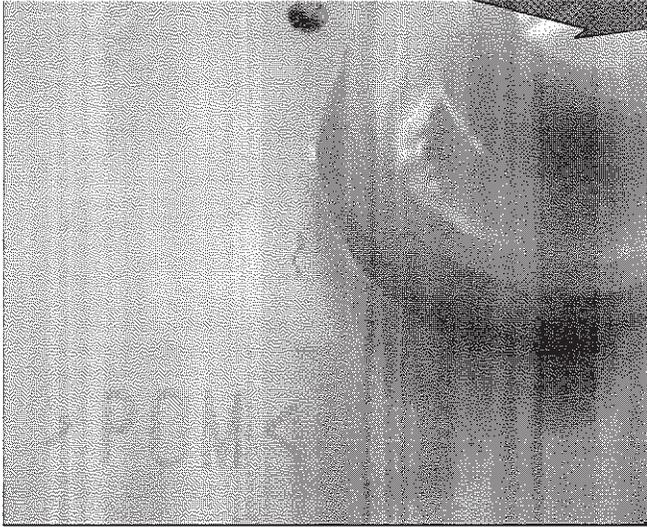


Part Identification:

- 1) No paint on '>POM<'
- 2) Fuel pump body color has been changed from black to brown



1) No Paint



2) From black to brown

Warranty Information

The owner of each registered unit will receive a letter announcing this campaign. The customer's letter includes the Primary ID and Recall Number.

The modification is authorized for all scooters, both sold and unsold, regardless of ownership or warranty status. You do not need the customer's letter to perform the modification, or to file for reimbursement.

Submit a Recall Request for the parts and labor as described below using Recall Number 9900xx. The labor allowance is **1.0 hour**.

YDS:

When signed on to YDS, click the Service Tab. And then "Recall Request-Add." This function will allow you to enter multiple Primary IDs for the same recall. Remember that YDS requires a 7-digit serial number, so use a "0" as the first digit. The system will check your submission instantly to make sure the Primary ID numbers you've entered are valid for the recall. You can check back the next day for your claim numbers to track your credit.

Mail:

Complete a recall Reimbursement Request (LIT-11790-00-03) as shown below:

Dealer Number	<input type="text"/>	Dealer Name	<input type="text"/>
Recal Number	Primary I.D.	Date Completed	Status
9 9 0 0 x x	S E 4 8 Y - 0 0 . 0 0 X X X	0 2 - 2 6 - 2 0 1 3	M I
			M I

If you have any questions about proper procedures for Factory Modification Campaigns, see Chapter 7 in your Warranty and Y.E.S. Handbook (LIT-11760-00-08).