

Technical BULLETIN

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SAFETY RECALL

This modification has top priority. This bulletin must be performed immediately to ensure customer safety.

NOTE: Bulletins that announce a recall will have an "R" at the end of the bulletin number.

CERTAIN 2015~2016 YZF-R3 MODELS FACTORY MODIFICATION CAMPAIGN – Fuel Tank Fitting Bracket and Main Switch Subassembly

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INTRODUCTION

Yamaha Motor Corporation, U.S.A. has decided that defects that relate to motor vehicle safety may exist in certain 2015 and 2016 YZF-R3 motorcycles. In affected motorcycles, engine vibration can cause the fuel tank fitting bracket to contact the fuel tank; prolonged contact may cause fatigue cracking and result in possible fuel leakage, increasing the risk of a fire. In addition, in affected motorcycles, it is possible for water to contaminate the main switch and develop corrosion. This corrosion may cause the engine to stall while riding, which could cause loss of control that could result in a crash with injury or death.

To correct these defects, Yamaha is initiating a Factory Modification Campaign. Affected units must have the fuel tank inspected and, if necessary, replaced, and the fuel tank bracket and the main switch subassembly replaced with parts of a different design as described in this bulletin.

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

If your dealership was invoiced for one or more affected units, a computer report listing all affected motorcycles invoiced to your dealership is included with this bulletin. Use the list to help ensure all motorcycles are modified. All sold motorcycles that have been registered with Yamaha will show the customer's name and address.

Your dealership must notify the owner of any affected motorcycle that was actually sold but listed as "unsold" in the report. You must modify all affected motorcycles in your inventory as well as all customer-owned motorcycles brought to you for this service. Any affected motorcycle that you purchase from Yamaha in the future may also require modification. If you purchase a motorcycle from another dealer or Yamaha, check to see if the procedures in this bulletin have already been performed before you sell the motorcycle.

Motorcycles 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 motorcycle to customers until the procedures in this bulletin are performed.

When the modifications on each motorcycle are 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-11760-00-16).





DEALER ACTION SUMMARY

Unsold and Sold

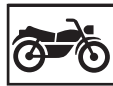
Units: Use YDS Unit Status to check to be sure the unit is affected and that it is not already modified, and then replace the fuel tank bracket and main switch as described in this bulletin. Inspect the fuel tank as part of the procedure; it must be replaced if damaged.

Parts: Yes. Order a Main Switch and Fuel Tank Bracket Kit for each affected unit using the new procedure provided in Technical Bulletin MSA2017-001. Refer to the Parts Information on page 9 for a summary of that procedure. If the fuel tank is damaged, submit a Warranty Authorization Request before ordering a replacement fuel tank.

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 motorcycle shows as unregistered on the enclosed report. Yamaha has sent letters to customers whose motorcycles were registered with Yamaha as of 3/2/2017.



AFFECTED RANGE

2015-2016 YZF-R3 RH06Y-0001001~0015360



SERVICE PROCEDURES

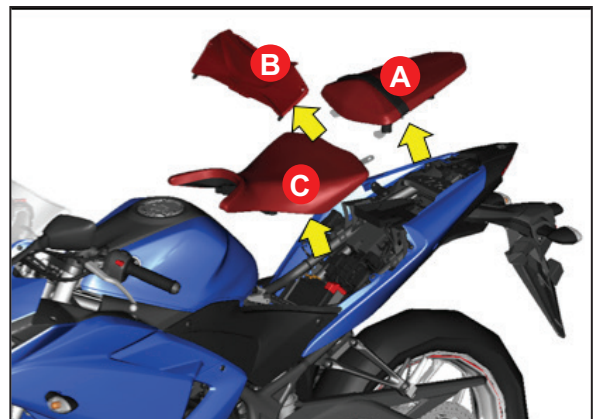
This service procedure explains the shortest way to replace the main switch and fuel tank fitting bracket. It includes only key points; please refer to the Service Manual (LIT-11616-28-57) for basic procedures.

Tools Required

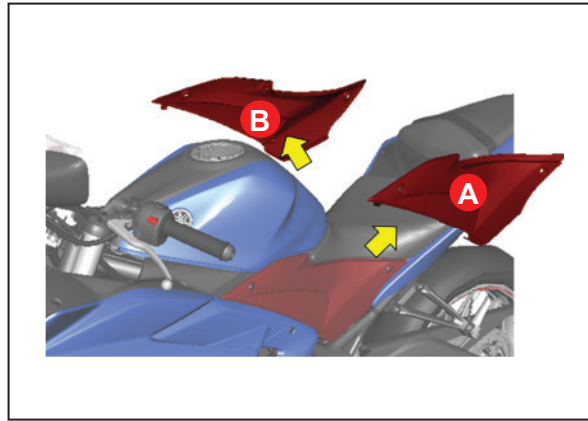
Hexagonal wrench 4mm, 5mm, and 6mm
Socket wrench 8mm, 10mm, and 22mm
Box-end wrench 10mm
Ratchet/ T-handle, extension bar
Torque wrench 100Nm
Diagonal cutting plier
Torx® wrench T20
Protective cloths or pads for body panels

Fuel Tank Inspection/Bracket Replacement

1. Remove passenger seat (A), side cover 3 (B), and single seat (C).



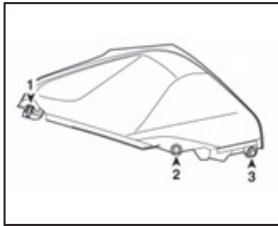
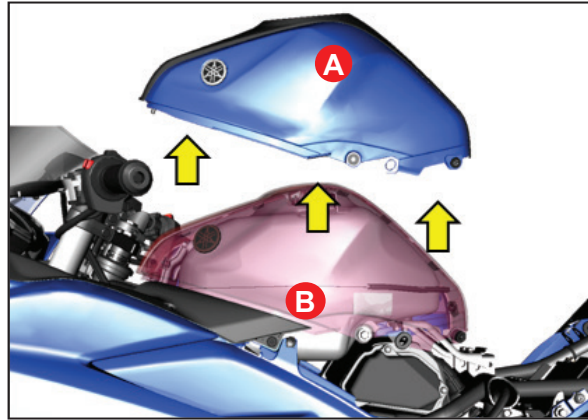
2. Remove side cover 5 (A) and side cover 6 (B).



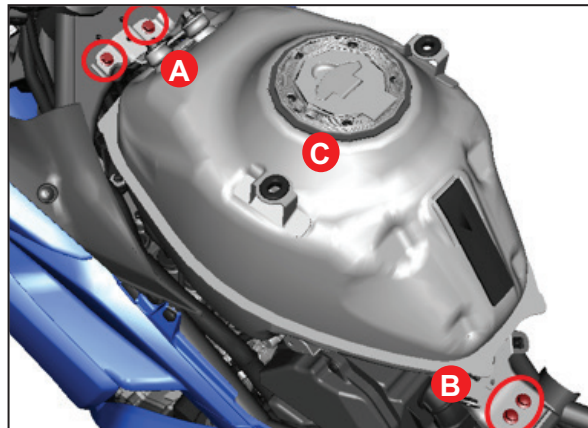
3. Loosen fuel tank cover side bolts and inspect them as indicated below. Remove the tank cover bolts. Pull up the cover (A) to remove it from the fuel tank (B).

NOTICE:

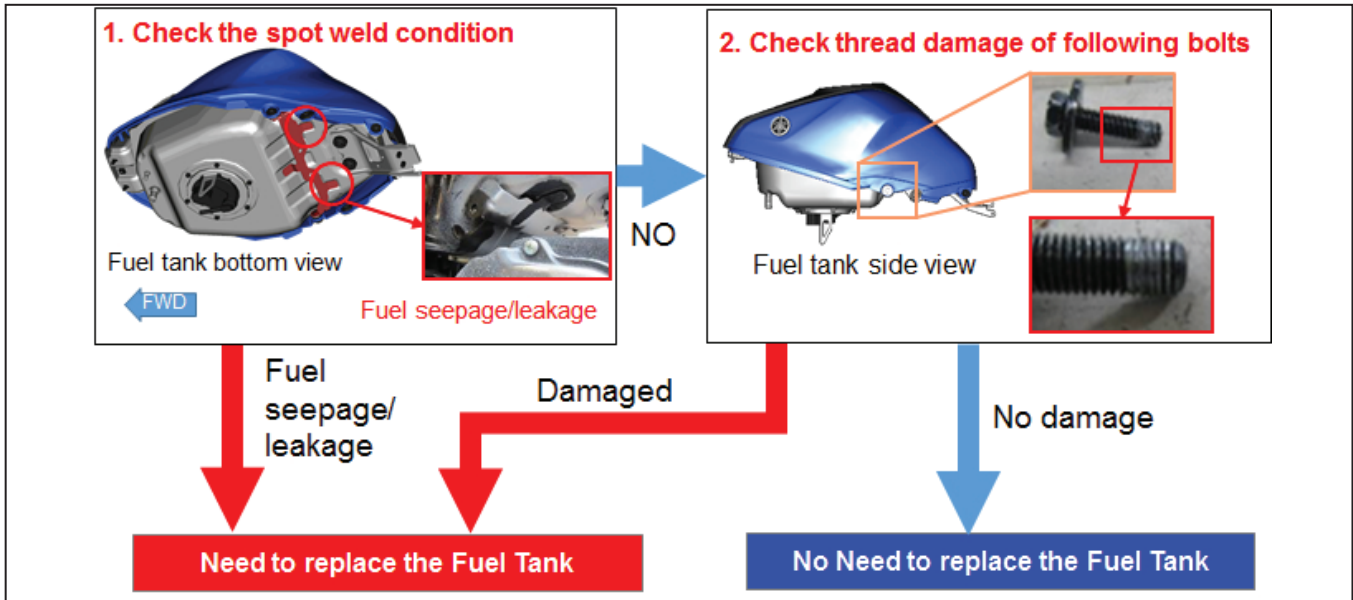
Inspect the thread condition of the left and right side bolts (No.2) as they are removed. If the bolts are damaged (see step 5 for details), the fuel tank must be replaced.



4. Loosen fuel tank fitting bracket bolts (A), then loosen fuel tank rear bracket bolts (B). Remove fuel tank (C) and unplug the breather hose, overflow hose, fuel hose, fuel pump coupler, and main switch coupler.



5. Carefully inspect the fuel tank and mounting bolt threads as shown.



If the fuel tank must be replaced, submit a Warranty / Y.E.S. Authorization on YDS. When approved, order and install the new fuel tank before continuing. Otherwise, continue with step 6.

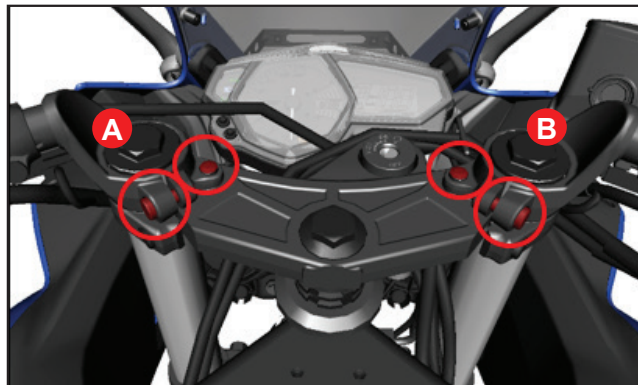
6. Replace the fitting bracket assembly with the new one from the kit, but do not install the fuel tank until after completing the Main Switch Subassembly Replacement procedure.

Main Switch Subassembly Replacement

7. Remove left handlebar (A) and right handlebar (B).

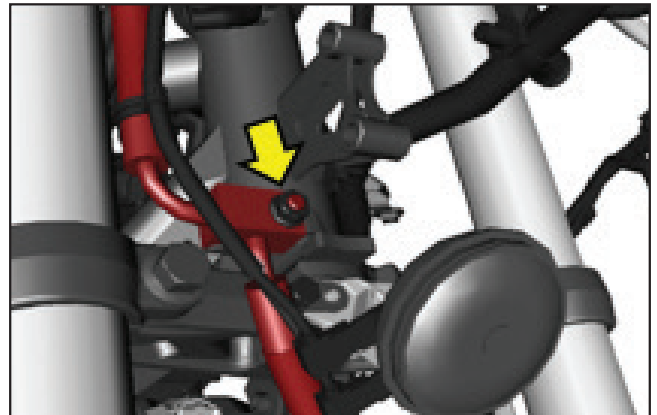
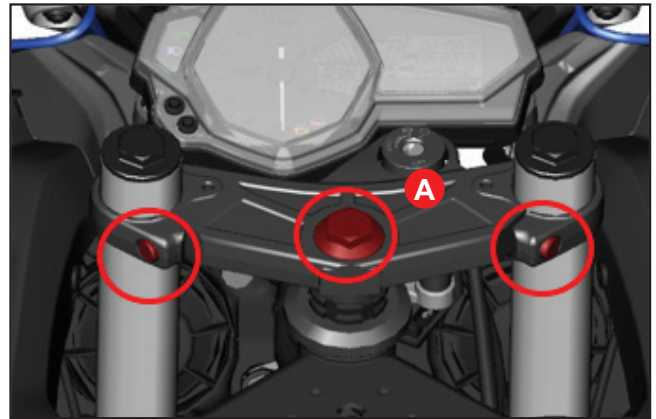
NOTICE:

Carefully secure and support the handlebars out of the way with wiring, cables, and brake hose attached so they cannot fall during the procedure.



8. Remove upper triple clamp (A) by removing the steering stem bolt and fork pinch bolts. Remove the front brake hose joint holder nut as shown.

9. Remove upper triple clamp (A) by removing the steering stem bolt and fork pinch bolts. Remove the front brake hose joint holder nut as shown.



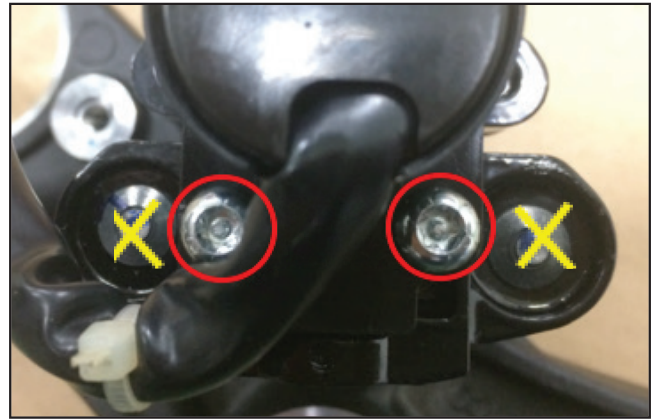
10. Remove the two bolts holding cable guide 1 and cable guide 2.



11. Remove 2 Torx® bolts. Cut the cable tie holding the harness and then unplug the connector. Remove the main-switch sub-assembly.

NOTICE:

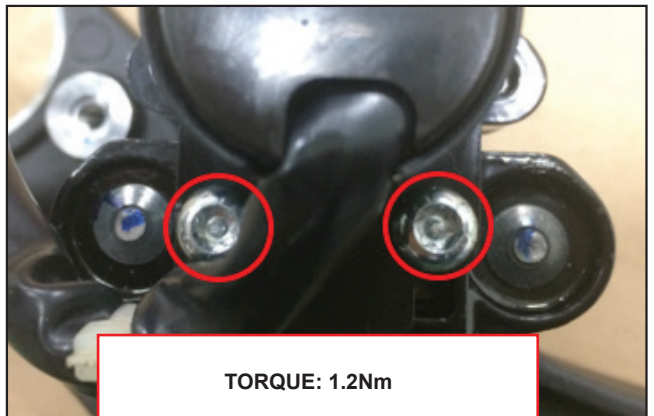
DO NOT drill out or tamper with the security bolts on the main switch (shown with X's).



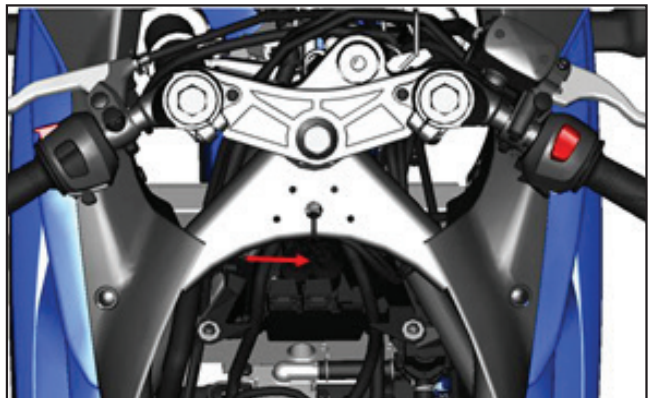
12. Install the new main switch sub-assembly from the kit and tighten the Torx® bolts from the kit. Tightening torque: 1.2 Nm (0.12 m·kg, 10.6lb-in).

NOTICE:

Do not overtighten the Torx® bolts; the threads in the main switch can be damaged easily.



13. Connect the main switch connector from the new sub-assembly to the main harness and secure the wires with the cable tie from the kit.



14. Reinstall the cable guide bolts, upper triple clamp, brake hose joint holder, and handlebars. Torque to proper specifications per the Service Manual.

NOTICE:

Confirm that cables and wires are properly routed in the cable guide.

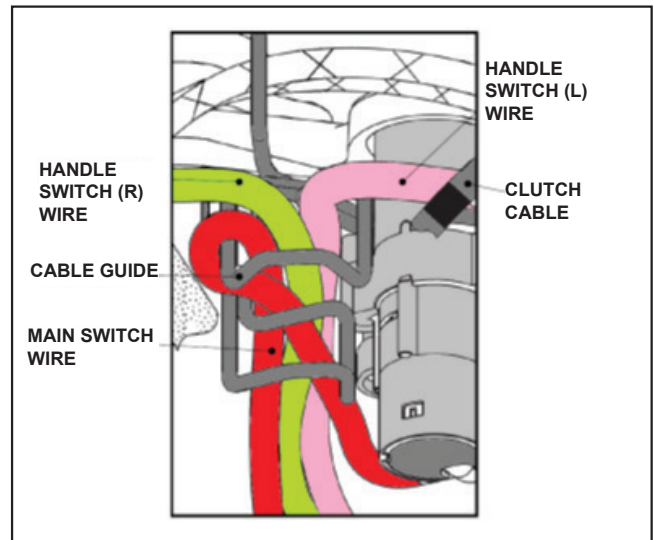
Reassembly

15. Reinstall the fuel tank, reconnecting the the breather hose, overflow hose, fuel hose, fuel pump coupler, and main switch coupler. Use the new bolts from the kit to replace the ones removed and inspected in step 3. Torque all bolts to proper specifications per the Service Manual.

TIP:



Refer to the Service Manual for procedures if the fuel tank must be replaced.

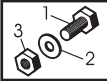
16. Reinstall all body panels.



IDENTIFICATION PROCEDURE

After modifying a unit, make sure to properly record and submit the warranty claim for this safety recall to ensure not only correct reimbursement but also to update the unit's repair history in the Yamaha database. Perform a unit status inquiry in YDS to check if a unit is in the affected range or if the unit has been modified.

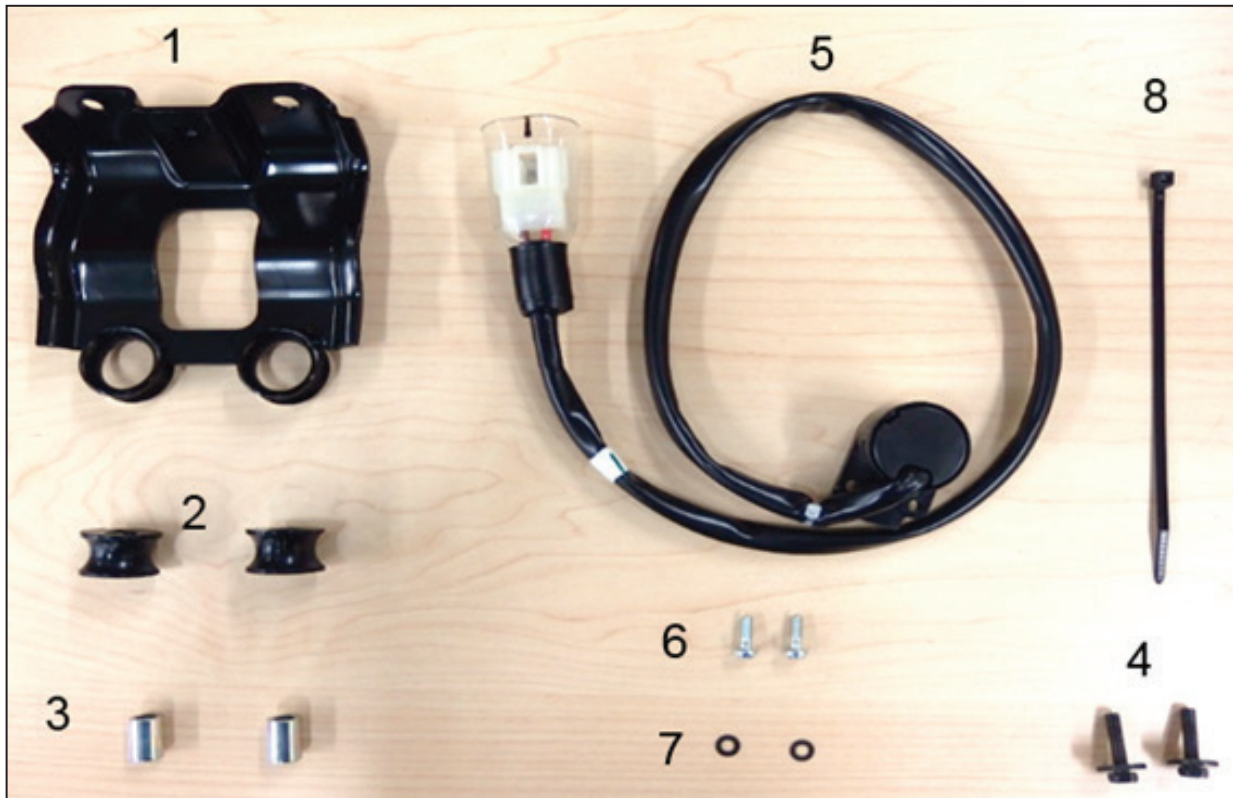
Part-Name	Old-Part	New-Part
BRACKET, TANK FITTING	 <p>NO MARKING 1WD-F412Y-00-00</p>	 <p>PAINT MARK (± 5mm) 1WD-F412Y-01-00</p>
MAIN SWITCH ASSY	 <p>NO MARKING B04-H2501-00-00 1WD-H2501-01-00</p>	 <p>WHITE PAINT DOT B04-H2501-01-00 1WD-H2501-02-00</p>



PARTS INFORMATION

Part Number	Part Name	Qty.	Application	Dealer Cost
90891-20291-00*	Main Switch and Fuel Tank Bracket Kit	1	YZFR3	\$5.99
	Contains:			
	(1) Bracket, Tank Fitting Fr.	1		
	(2) Grommet	2		
	(3) Collar	2		
	(4) Bolt. Hex. W/Washer	2		
	(5) Sub-Switch Assembly	1		
	(6) Screw, Special	2		
	(7) Washer, Special	2		
	(8) Clamp	1		

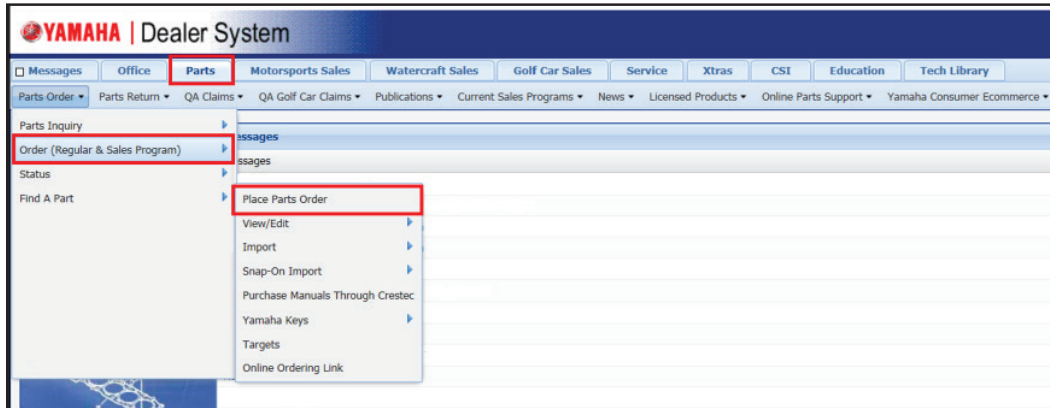
* **IMPORTANT:** See below for the New Process for Ordering Warranty Campaign Parts.



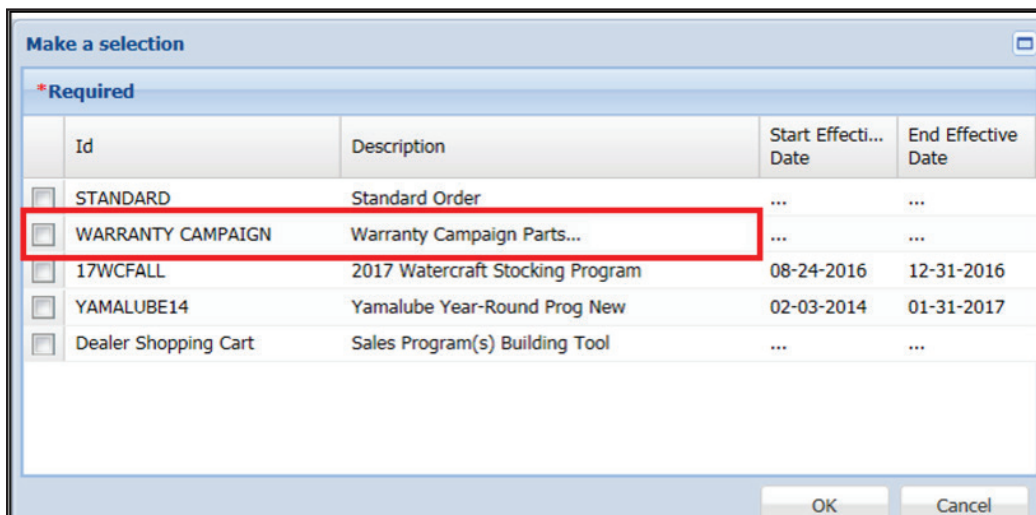
New Process for Ordering Warranty Campaign Parts (see Technical Bulletin MSA2017-001 for details)

TIP: If campaign parts orders are placed at the same time (just before or after) placing your regular parts order, these orders will consolidate with your regular order which may prevent freight charges for campaign parts if your regular order qualified for free freight.

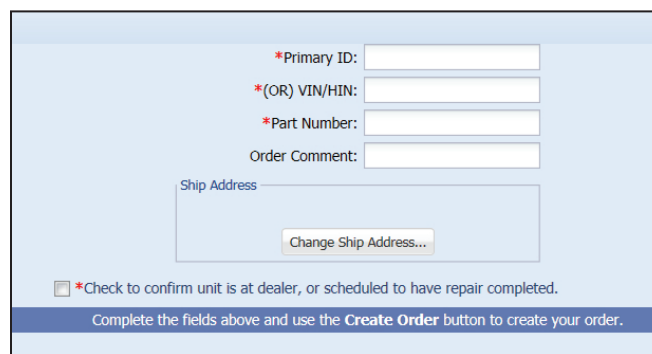
1. From YDS, navigate to the “Parts” tab and select “Order” from the “Parts Order” drop-down menu, then choose “Place Parts Order.”



2. Select “Warranty Campaign” as the order type.



3. When prompted, fill in the required fields by entering the PID or VIN and the Part Number desired. You will also need to verify if the unit is either already at your dealer or scheduled to have repairs completed. (Shown below with red asterisk and checkbox.)

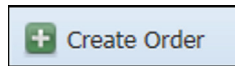


The screenshot shows the order form with the following fields:

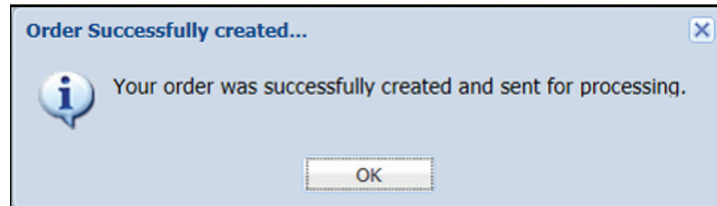
- *Primary ID:
- *(OR) VIN/HIN:
- *Part Number:
- Order Comment:
- Ship Address:
-
- *Check to confirm unit is at dealer, or scheduled to have repair completed.

Complete the fields above and use the **Create Order** button to create your order.

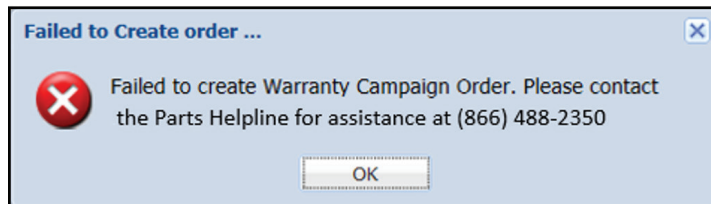
- Once the appropriate information has been entered, click the “Create Order” icon in the upper left corner of the screen to process your order.



- YDS will process the information through a database; once it is verified, you will receive a confirmation message as shown. These orders will be available to view along with standard orders within the view / edit screen, but cannot be edited.



- In the event the database is unable to verify the information entered, an alternate message will display showing the appropriate phone number for assistance.





WARRANTY INFORMATION

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

This modification is authorized for all affected vehicles, 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 Claim for the parts and labor as described below using Campaign Number 990112, and choose Modified. The labor allowance is 1.2 hours.

If fuel tank replacement is required, submit a Warranty Authorization Request and convert it to a claim once approved. Reference your recall claim number in the Problem section of your second claim.

YDS:

To submit your Recall Claim in the new warranty system on YDS, go to *Service>Warranty Claims/Authorization>Claims/Authorization>New>Warranty Claim*. Then, from the menu, select *Recall/ Service-Per-Bulletin Claim*

Warranty Claim

- Warranty / Y.E.S. Claim
- Recall / Service per Bulletin Claim**
- Un-Registered / Un-Sold Unit Claim
- Parts and ACC Quality Assurance Claim

Warranty Authorization

- Warranty / Y.E.S. Authorization
- Out of Warranty Authorization

Shipping Damage

- Visible Damage Authorization
- Concealed Damage Claim \$349 and under
- Concealed Damage Authorization \$350 and over
- Missing Parts Claim \$349 and under
- Missing Parts Authorization \$350 and over

Continue

Unit Recall/Service Campaign

ENTER CAMPAIGN CODE (990112) HERE

This screen allows you to enter Recall Request information for single or multiple Primary IDs.
NOTE: The same recall information will be used for all of the primary IDs provided.

* Campaign Nbr:

* Primary ID:

* Finish Date:

* Miles or Hours:

STEP 1 : Get Repair Options >>

STEP 2 : Add >>

Primary ID	Finish Date	Miles Or Hrs

MAIL:

If it is necessary to mail your claim, complete a Recall Reimbursement Request (LIT-11790-00-03) as shown below:

Dealer Number	<input type="text"/>	Dealer Name	<input type="text"/>
Recal Number	9 9 0 1 1 2	Primary I.D.	R H 0 6 Y - 0 0 0 1 X X X
			0 3 - X X - 2 0 1 7
			M I
			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-11760-00-16).



YAMAHA MOTOR CORPORATION, U.S.A. 6555 Katella Avenue, Cypress, CA 90630-5101 800-962-7926

IMPORTANT SAFETY RECALL NOTICE

This notice applies to your vehicle, VIN XXXXXXXXXXXXXXXXXXXX

March, 3, 2017

Dear Yamaha Owner:

Campaign 990112

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Yamaha Motor Corporation, U.S.A. has decided that defects that relates to motor vehicle safety exists in certain 2015 and 2016 YZF-R3 motorcycles. Our records indicate that you own the affected motorcycle shown above.

The reason for this recall:

In affected motorcycles, engine vibration can cause the fuel tank fitting bracket to contact the fuel tank; prolonged contact may cause fatigue cracking and result in possible fuel leakage, increasing the risk of a fire. In addition, in affected motorcycles, it is possible for water to contaminate the main switch and develop corrosion. This corrosion may cause the engine to stall while riding which could cause loss of control that could result in a crash with injury or death.

What Yamaha and your dealer will do:

To correct this defect, your authorized Yamaha dealer will inspect the fuel tank for damage and then replace the fuel tank bracket and the main switch subassembly with parts of a different design. If the fuel tank is not damaged, the procedure takes about 1 hour and 15 minutes to do, but be aware that your Yamaha dealer may need to keep your motorcycle longer. If the dealer discovers fuel tank damage, which may delay to the repair procedure. Your dealer is in the best position to provide additional information should this be necessary. **There will be no charge to you for this procedure.**

What you should do now:

Please call your Yamaha dealer to make a service appointment to have this procedure performed. At that same time, you can find out how long they expect to keep your motorcycle for this service. Remember to take this letter with you when you take in your motorcycle.

You should not ride your affected motorcycle shown above until this modification is performed.

If you are unable to return to the Yamaha dealer who sold you the motorcycle, this service will be performed by any authorized Yamaha motorcycle dealer. For the name of a dealer near you, call 1-800-88-YAMAHA or visit the Yamaha web site at www.yamaha-motor.com.

If you have had this repair performed before you received this letter, you may be entitled to receive reimbursement for the cost of obtaining a pre-notification remedy of the problem associated with this repair. For more information, contact Yamaha Customer Relations at 1-800-962-7926.

Federal regulations require that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within 10 days.

If you need help:

If, after contacting your dealership, you have questions or concerns which the dealership is unable to answer, please write to:

Yamaha Motor Corporation, U.S.A.
Customer Relations Department
P.O. Box 6555
Cypress, CA 90630
Or call: 1-800-962-7926

If, after contacting Yamaha Customer Relations, you are still not satisfied that we have done our best to remedy the situation without charge and within a reasonable time, you may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE., Washington, DC 20590; or call the Auto Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>. Refer to campaigns **17V111** (fuel tank) and **17V112** (main switch).

If you no longer own this Yamaha:

If you have sold your motorcycle to another party, please call us toll-free at 1-800-962-7926 with the name and address of the new owner, along with the serial number shown above your name on the address label above.

We're sorry to cause you any inconvenience, but we are sincerely concerned about your safety and continued satisfaction with our products. Thank you for giving your attention to this important matter.

Sincerely,
Customer Support Group
Yamaha Motor Corporation, U.S.A.