

Technical BULLETIN

©2016 YAMAHA MOTOR CORPORATION, U.S.A.

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-R3F/G MODELS

FACTORY MODIFICATION CAMPAIGN – Clutch Pressure Plate and Oil Pump

i

INTRODUCTION

Yamaha Motor Corporation, U.S.A. has decided that defects which relate to motor vehicle safety exist in certain 2015 and 2016 YZF-R3 motorcycles. In affected motorcycles, when the clutch is operated frequently, the clutch pressure plate bearing may break due to insufficient load rating of the bearing. This could cause the clutch to fail to operate so the transmission will not shift properly. In addition, in affected motorcycles, oil pressure may not be properly regulated due to an improper oil relief valve design in the oil pump, which can excessively stress the oil pump drive gear. In the worst case, the gear may break which could result in engine seizure from lack of oil supply. Either of these conditions 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 clutch pressure plate assembly and oil pump assembly replaced with parts of a different design.

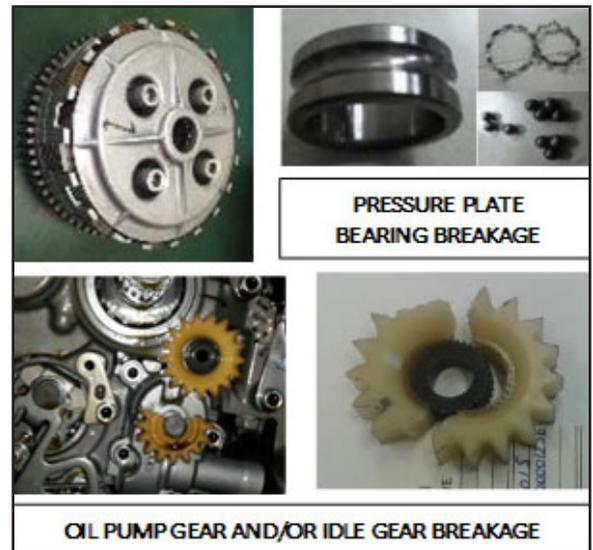
Yamaha is notifying all registered owners of affected motorcycles by mail. A copy of this letter is included in this bulletin. The customer should take this letter along with the affected motorcycle to an authorized Yamaha dealer for modification.

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 for 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: Check to be sure the unit is an affected unit and then replace the oil pump and clutch pressure plate as described in this bulletin.

Parts: Yes. Order an Oil Pump Assembly Kit, which includes the clutch pressure plate, for each affected unit. Refer to the Parts Information on page 4.

Warranty: Factory Modification Campaign. See the Warranty Information section of this bulletin. These modifications apply 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 7/5/2016.



AFFECTED RANGE

2015-2016 YZF-R3F/G

RH06Y-0001001~0012320



SERVICE PROCEDURES

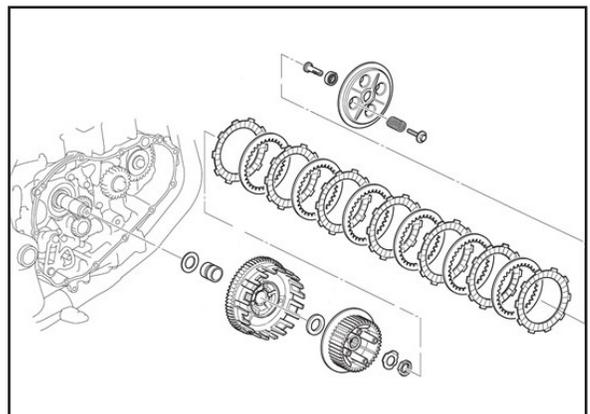
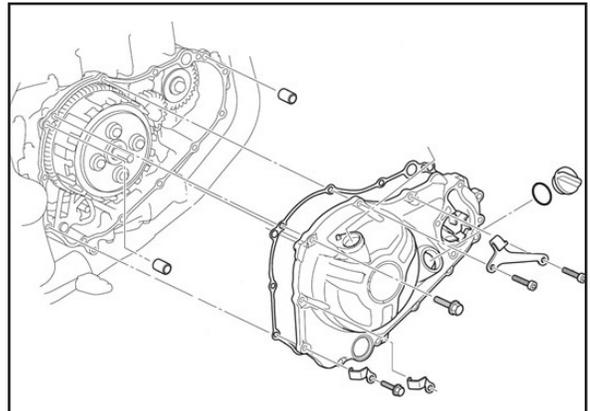
Refer to the YZF-R3 Service Manual (P/N LIT-11616-28-57) for instructions to replace the oil pump assembly and clutch pressure plate assembly. Here is a summary of the procedure.

1. Remove the RH side panel and front side cowling. Drain the coolant.

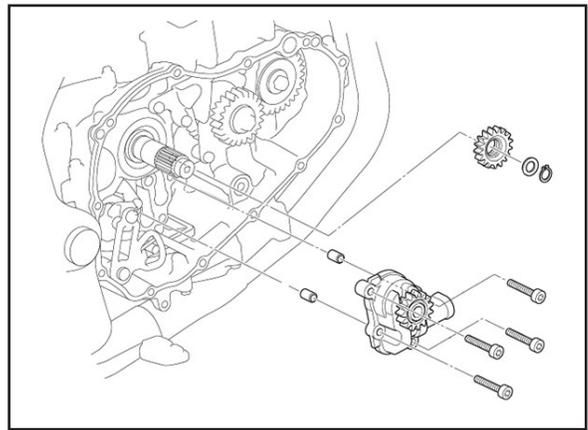
TIP:

Performing this procedure with the unit resting on the sidestand will eliminate the need to drain engine oil.

2. Remove the water pump housing from the clutch cover. Disconnect the clutch cable from the clutch pull lever shaft and cable bracket, then remove the clutch cover from the engine.
3. Loosen the 4 bolts securing the clutch springs by loosening in a crisscross pattern and remove the springs. Remove the outer pressure plate and tag and hold it for 90 days from the date you submit your claim.
4. Disassemble the clutch assembly and remove the clutch boss.

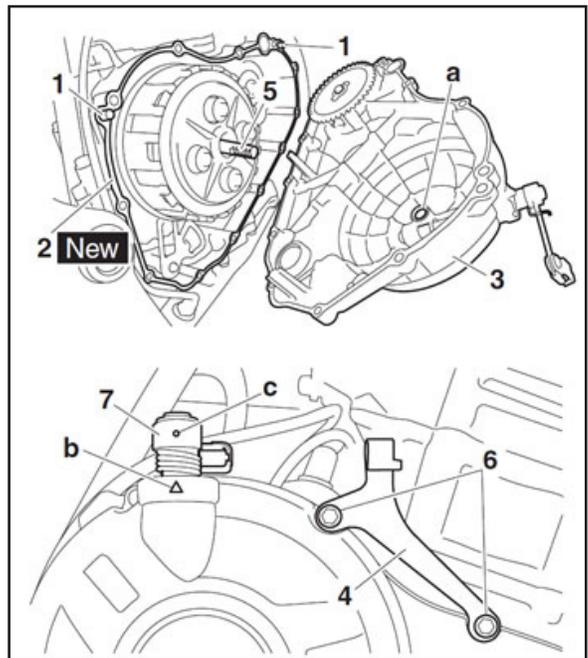


5. Remove the oil pump drive gear and oil pump assembly. Tag and hold the parts for 90 days from the date you submit your claim.
6. Replace the oil pump assembly with the oil pump from the kit.
 - Oil pump bolts: 10m-kgf (7.2ft-lb)
7. Reinstall the clutch assembly using the revised outer clutch pressure plate.
 - Clutch boss nut: 100Nm (10.0 m-kgf, 72ft-lb)
 - Clutch spring retaining bolts: 10Nm (1.0 m-kgf, 7.2ft-lb)
8. Reinstall the clutch cover, install the clutch cable, reinstall the water pump housing, and refill the cooling system. Take care to align the water pump drive gear properly during installation.
 - Clutch cover bolts: (1.0 m-kgf, 7.2ft-lb)
 - Water pump bolts: (1.0 m-kgf, 7.2ft-lb)



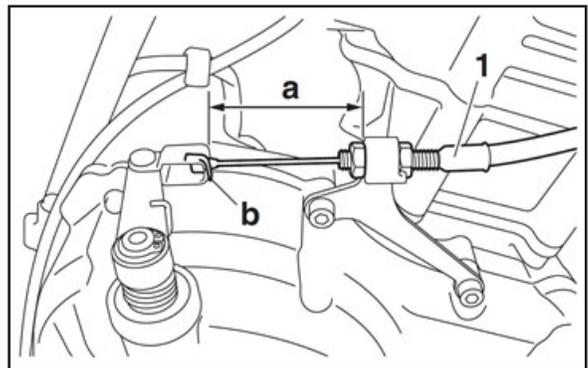
TIP:

- Face the serrations on the clutch pull rod “5” rearward and align the rod with the hole “a” in the clutch cover.
- Make sure the pull rod teeth and pull lever shaft pinion gear are engaged.
- Apply locking agent (LOCTITE®) to the threads of only the clutch cable holder bolts “6” shown in the adjacent illustration.
- Tighten the bolts in stages and in a crisscross pattern.
- After installing the clutch cover, make sure the alignment mark “b” on the clutch cover is aligned with the punch mark “c” on the pull lever “7.”



TIP:

- Install the clutch cable so the clutch cable length “a” is 52.6-64.1 mm (2.07-2.52 in) as shown in the adjacent illustration.
 - After installing the clutch cable, bend the projection “b” on the pull lever as shown in the adjacent illustration.
9. Reinstall the bodywork removed during step 1 and verify the clutch cable free play is within specification.



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.



PARTS INFORMATION

Part Number	Part Name	Qty.	Application	Dealer Cost
90891-10279-00	OIL PUMP ASSY KIT (2MS1) Contains:	1	YZF-R3	\$25.45
① 1WD-E3300-09-00	Oil Pump Assembly	1		
② 99009-10400-00	Circlip	1		
③ 1WD-E3341-00-00	Gear, Oil Pump Idle	1		
④ 1WD-E5461-00-00	Gasket, Crankcase Cover 2	1		
⑤ 2MS-E6350-09-00	Pressure Plate Assembly	1		
⑥ 90215-18800-00	Washer, Lock	1		
⑦ 4YS-E1198-00-00	Gasket	1		
⑧ 90430-06014-00	Gasket	1		



Part Name	Old Part	New Part
Pressure plate assy 2MS	<p>STAMP</p> <p>2MS</p> <p><2MS-E6350-00></p>	<p>STAMP</p> <p>2MS2</p> <p><2MS-E6350-09></p>
Oil pump assy	<p>NO PUNCH MARK</p> <p><1WD-E3300-00></p>	<p>PUNCH MARK ADDED</p> <p><1WD-E3300-09></p>



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.

These modifications are 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 990105, and choose Modified. The labor allowance is 2.0 hours, which includes reimbursement for fluids.

YDS:

To submit your Recall Claim in the new warranty system on YDS, go to *Service>Warranty 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 (990105) 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 >>

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						Dealer Name													
9 9 0 1 0 5						R H 0 6 Y - 0 0 0 1 X X X						0 7 - X X - 2 0 1 6						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 XXXXXXXXXXXXXXXXX).

July 6, 2016

Dear Yamaha Owner:

Campaign 990105

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 which relate to motor vehicle safety exist 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, when the clutch is operated frequently, the clutch pressure plate bearing may break due to insufficient load rating of the bearing. This could cause the clutch to fail to operate so the transmission will not shift properly. In addition, in affected motorcycles, oil pressure may not be properly regulated due to an improper oil relief valve design in the oil pump, which can excessively stress the oil pump drive gear. In the worst case, the gear may break which could result in engine seizure from lack of oil supply. Either of these conditions could cause loss of control that could result in a crash with injury or death.

What Yamaha and your dealer will do:

To correct these defects, your authorized Yamaha dealer will replace the clutch pressure plate assembly and oil pump assembly with parts of a different design. These procedures take about 2 hours to do but be aware that your Yamaha dealer may need to keep your motorcycle longer depending upon their current service schedule. There will be no charge to you for these procedures.

What you should do now:

Please call your Yamaha dealer to make a service appointment to have these procedures 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 these modifications are 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 16V459 (Oil Pump) and 16V460 (Clutch Pressure Plate Bearing).

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 to the right of 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.