

# Technical BULLETIN

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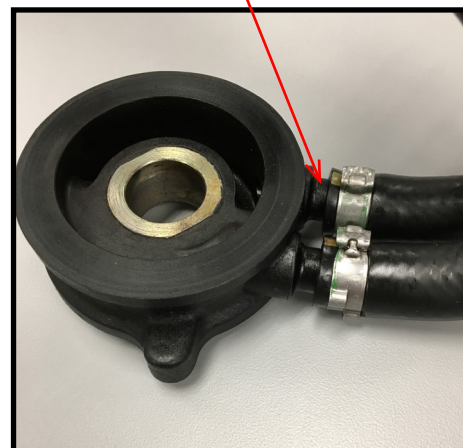
## CERTAIN COMMERCIAL-APPLICATION MX775V, MX800V, MX825V MODELS

### Oil Cooler Leaks Due to Hoses Out of Tolerance

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#### INTRODUCTION

- Symptom:** Certain oil cooler hoses may be out of design tolerance, which could lead to oil cooler leaks.
- Cause:** As a result of production tolerances, certain affected oil cooler hoses may exhibit irregularities, resulting in an oil cooler hose that may not meet oil cooler adapter connection specifications.
- Remedy:** If an affected unit has oil leaking from the oil cooler hoses, replace the oil cooler hoses, oil cooler and adapter with new parts that meet specifications.



#### DEALER ACTION SUMMARY

- Sold Units:** If the unit exhibits an oil leak as described above, then confirm that the modification has not already been done by performing a Unit Status inquiry in YDS or, if unavailable, by checking for two punch marks next to the QR Code on the unit (see *Identification Procedure*).
- Parts:** Yes. Order an Oil Cooler Hose Kit for each affected unit. See the *Parts Information* section for more information.
- Warranty:** Submit a Service-per-Bulletin Warranty Request for reimbursement (refer to the *Warranty Information* section below).



## AFFECTED RANGE

Model	Prefix	Affected Serial No. Range	
		From	To
MX82VH7J61	7UCJ	1000101	1004625
MX80VH7J61	7U3J	1000101	1002767
MX82VH7J62	7UCJ	2000101	2000681
MX80VH7J62	7U3J	2000101	2001297
MX82VJ7X61	7UDJ	3000101	3006528
MX80VJ7X61	7U1J	3000101	3000760
MX77VJ7X61	7U2J	3000101	3002474



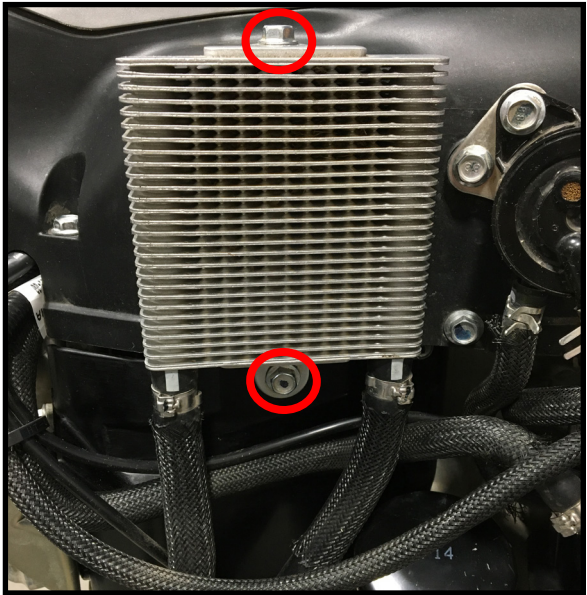
## SERVICE PROCEDURES

### 1. Removing the Oil Cooler Assembly

1.1 Remove the oil filter. The oil filter will be reused.



1.2 Remove the two bolts shown that secure the oil cooler assembly. The bolts will be reused.





1.3 Remove the oil filter adapter union bolt and the oil cooler adapter. The union bolt will be reused.

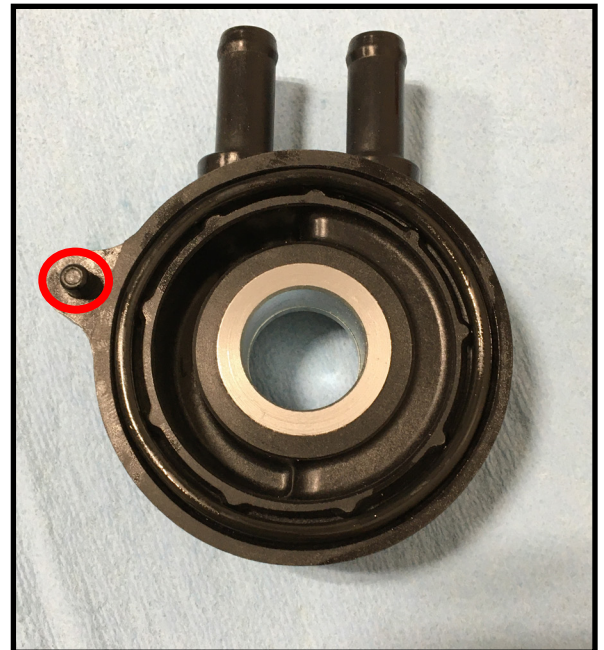


1.4 Clean the crankcase cover 2 mating surface. NOTE: The oil filter adapter locating pin aligns with the crankcase cover 2 alignment hole shown.



## 2. Installing the New Oil Cooler Hose Kit

2.1 Lubricate the new seal (O-ring) from the kit with oil and install the oil filter adapter. NOTE: The oil filter adapter locating pin shown aligns with the crankcase cover 2 alignment hole.



2.2 Install the adapter union bolt and filter adapter onto the crankcase cover 2 mating surface, then tighten the adapter union bolt to specification.




Adapter union bolt:  
62 N·m (6.2 kgf·m, 45 lb·ft)



2.3 Install the oil filter and tighten to specification.

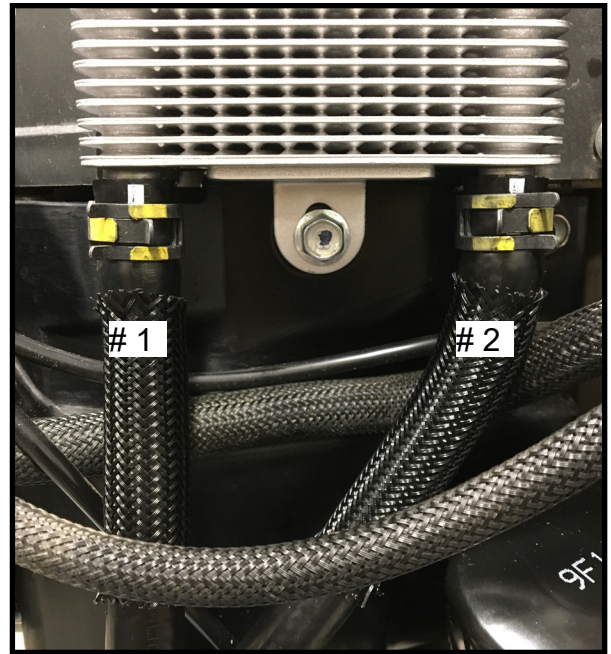


 14 N•m (1.4 kgf•m, 10 lb•ft)

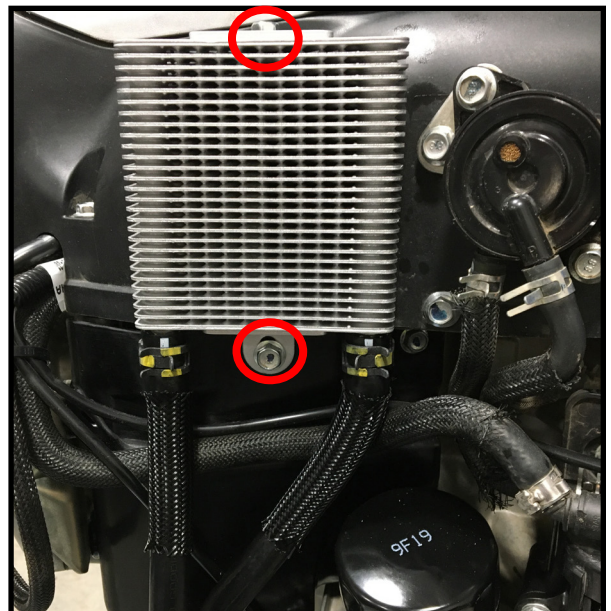
2.4 Install the new oil hose 1 and 2 from the kit onto the oil filter adapter using the new spring clips. NOTE: *Position the new spring clips as shown.*




2.5 Install oil cooler hose 1 and 2 onto the oil cooler assembly using spring clips. NOTE: *Position the new spring clips as shown.*



2.6 Install the new oil cooler assembly from the kit and tighten the original two bolts shown to specification.



 Oil cooler bolt:  
9 N•m (0.9 kgf•m, 6.5 lb•ft)

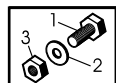
2.7 Run the engine to confirm no oil leaks and check oil level.



## IDENTIFICATION PROCEDURE

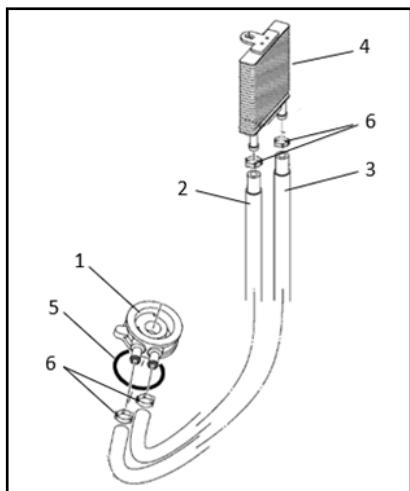
After completing the procedure, make sure to properly record and submit the warranty claim for this campaign to ensure correct reimbursement and to update the unit's repair history in Yamaha's database.

Use a center punch to place two dimple marks on the top right of the QR Code on the engine block as shown to indicate that the affected unit has been modified. If you encounter an unfamiliar affected unit, look for the two dimple marks.



## PARTS INFORMATION

Part Number	Description	Qty.	Dealer Cost
7UD-W1347-00-00	Oil Cooler Hose Kit	1	\$106.93



Kit Contains:

REF.	Description	Part Number
1	Adapter	7UD-E7848-10-00
2	Oil Hose 1	7UD-E316F-10-00
3	Oil Hose 2 (sharper bend)	7UD-E316G-10-00
4	Oil Cooler Assembly	7UD-E3470-00-00
5	Seal 1 (O-ring)	7UD-E358B-00-00
6	Spring Clip	90467-160A0-00



## WARRANTY INFORMATION

### FILING A CLAIM USING THE YAMAHA DEALER SYSTEM (YDS):

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

Service of all affected units is authorized regardless of warranty status.

After completion, select Service per Bulletin Campaign Number **SPB0005** from the Campaign Number pull-down menu in the Yamaha Dealer System (YDS) when entering your claim. The labor allowance for this repair is **0.4 hour**.

**Warranty Claim**

- ☐ Warranty / Y.E.S. Claim - If request is under \$1500
- ☒ Recall / Service per Bulletin
- ☐ Parts and ACC Quality Assurance Claim

**Warranty Authorization**

- ☐ Warranty / Y.E.S. Authorization - If request is \$1500 or over
- ☐ Out of Warranty Authorization
- ☐ Un-Registered / Un-Sold Unit Authorization

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 #:

Primary ID:

(OR) VIN/HIN:

\*Finish Date:

\*Miles or Hours:

STEP 1 : Get Repair Options >>

Please Select Repair Option

**ENTER CAMPAIGN CODE (SPB0005) HERE**

### FILING A MANUAL CLAIM:

Submit a warranty claim with the following criteria:

MOD Number	PP2005
Causal Part Number	7UD-E316F-00-00 (Oil Hose 1)
Symptom Code	16 (Oil Leak)
Condition Code	71 (Improper precision, machining)
Job Code	4631 (Oil Hose EX)
Labor Time	0.4

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).