



SUZUKI MOTOR CORPORATION

Motorcycle Service Group
Motorcycle Operations
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Date Dec. 14, 2015

Our ref. OM-1512141

TO : Selected Motorcycle Distributors
ATTN. : Managing Director,
Service Director or Manager
CC : Spare Parts Manager

Subject: Tappet Recall Campaign

Dear Sirs and Madams,

This letter is to inform you of the "Tappet Recall Campaign" for the following models.

Affected Models

AN250SUL2
SFV650AL2, L3, AL3, UL3, UAL3, L4, AL4, UL4, UAL4
DL650AL2, AL3, AUEL3, L4, AUEL4
GSR750L3, L4, AL4, ZL4, ZAL4, L5, AL5
GSX650FL2, FAL2, FUL2, FAL3, FAL4
GSF650L2, AL2, SL2, SAL2
GSX1250FAL2 L4
GSF1250SL2, SAL2, SAL4
AN650L3, ZL3, L4, ZL4

Contamination between the tappet and cam may cause the hardened surface of the tappet to peel if the surface shape of the tappet is convex. This would allow the inner part of the tappet to come in contact with the cam. If the hardness of the inner part of the tappet is at the low end of the design specification, both the tappet and cam can wear, increasing the tappet clearance. If the tappet clearance becomes large, it can cause an abnormal noise and in the worst case can cause the engine to stall.

In view of the nature of this problem, Suzuki Motor Corporation (SMC) has decided to carry out the recall campaign in your market. The details are explained in the following pages.

You are kindly requested to organize the Recall Campaign for the affected units in your market. If you are required to report to your authority, please contact them according to your law.

If you have affected units in your warehouse, you are required to remedy them before releasing to your dealers. You are also immediately required to instruct your dealers to remedy the affected unit in stock if any, before delivering them to the customers.

Please make sure that no customers will receive the affected units without appropriate recall remedy.

IMPORTANT

Some units of SFV650 are also applicable to the recall campaign of requested by our previous letter "QL-201512091[SFV650AL3,L4,L5,SFV650UL5,SFV650UAL3,L5_FuelTankRecallCampaign]" dated Dec. 9, 2015.

We would request of you that the both recall campaigns should be remedied at the same time.

We apologize for any inconvenience this may cause to you. Your cooperation and assistance will be highly appreciated.

If you have any question, please don't hesitate to contact us anytime.

Very truly yours,

for Yamamoto

Hideki Enomoto
Group Manager
Motorcycle Service Group
Motorcycle Operations
SUZUKI MOTOR CORPORATION

Action

- 1) For the affected units before retail sales, you are requested to remedy them before delivering them to the customers.
- 2) For the affected units after retail sales, contact the customers of the units to let them bring their vehicles to your authorized dealers.
- 3) Order the necessary number of parts to SMC Global Spare Parts & Accessories Dept. by E-mail using the attached Parts Order form of ANNEX4.
- 4) Report to the authority according to your law.
- 5) Issue service bulletin to dealers and customer letter to owners
- 6) Perform a corrective work following the repair instructions of Annex3.

Affected Units

Please refer to attached VIN list of ANNEX2.

Replacement Parts

Please order the necessary number of parts from SMC Global Spare Parts & Accessories Dept. by E-mail using the attached Parts Order form of ANNEX4.

Depending on the mileage and valve clearance inspection result, the required replacement parts differ as shown in the table below. For details, refer to the Repair Instruction of ANNEX3.

Mileage	Valve clearance inspection result	Replacement Parts	Remark
Less than 4,000 km	(No need to inspect)	GASKET SET & TAPPET SET	Some Tappet SHIMs may be replaced with different thickness ones.
More than 4,000km	NG*	GASKET SET & TAPPET SET	
	OK	GASKET SET only	---

* If the valve clearance is larger than the maximum limit at least one valve, inspection result have to be judged as NG

Note:

- At present SMC has stocked enough quantity of GASKET SET.
- NG rate of inspection result is estimated very low.
- The rate of less than 4,000km for each models as follows and it affects the quantity of necessary TAPPET SET
 - AN250, SFV650 : 20%
 - DL650 : 8%
 - GSR750 : 20%
 - GSF/GSX650 : 35%
 - GSF/X1250 : 15%
 - AN650 : 6%

1) Mandatory replacement parts

GASKET SET

Model	Part name	Part number	Q'ty	Contents
AN250	GASKET "A" SET	11170-05810-RX0	1	GASKET, CYL HEAD COVER NO.1 11173-05H00 ×1 GASKET, CYL HEAD COVER NO.2 11178-05H00 ×1 WASHER, CYLINDER HEAD COVER 11191-27E00 ×3 GASKET (16×22×2) 09168-16002 ×1

Model	Part name	Part number	Q'ty	Contents
SFV650 DL650	GASKET "B" SET	11170-19810-RX0	1	GASKET, CYLINDER HEAD COVER 11173-19F01 ×2 WASHER, CYLINDER HEAD COVER 11191-27E00 ×4 CUSHION, HEAD COVER BOLT 11192-13E00 ×2 GASKET (16×22×2) 09168-16002 ×1 O RING 09280-22008 ×1

Model	Part name	Part number	Q'ty	Contents
GSR750	GASKET "C" SET	11170-35810-RX0	1	GASKET, CYL HEAD COVER, NO.1 11173-35F00 ×1 GASKET, CYL HEAD COVER, NO.2 11178-33E00 ×4 GASKET, 2ND AIR PASSAGE 11182-35F10 ×4 WASHER, CYLINDER HEAD COVER 11191-27E00 ×6 O RING 09280-33004 ×1 CLAMP (L:154) 09407-17403 ×1

Model	Part name	Part number	Q'ty	Contents
GSF/GSX650 GSF/GSX1250	GASKET "D" SET	11170-18810-RX0	1	GASKET, CYL HEAD COVER 11173-18H00 ×1 WASHER, CYL HEAD COVER 11191-27E00 ×8 GASKET, CRANKSHAFT R COVER 11491-18H00 ×1

Model	Part name	Part number	Q'ty	Contents
AN650	GASKET "E" SET	11170-10810-RX0	1	GASKET, CYL HEAD COVER 11173-10G00 ×1 WASHER, CYL HEAD COVER 11191-27E00 ×4 O RING(D:3.1, ID:32.7) 09280-33004 ×1

2) Additional replacement parts according to valve clearance inspection result described in the repair instruction.

TAPPET SET

Model	Part name	Part number	Q'ty	Contents
AN250	TAPPET "A" SET	12800-06810-RX0	1	CAMSHAFT, INTAKE 12710-06H00 ×1 CAMSHAFT, EXHAUST 12720-06H00 ×1 TAPPET 12891-17E00 ×4 GASKET, TENSIONER ADJUSTER 12837-27G00 ×1 GASKET, TENSIONER ADJUSTER 12837-24F10-RX0 ×1

Model	Part name	Part number	Q'ty	Contents
SFV650	TAPPET "C" SET	12800-44810-RX0	1	CAMSHAFT, INTAKE FRONT 12710-44H00 ×1 CAMSHAFT, EXHAUST FRONT 12720-44H00 ×1 CAMSHAFT, INTAKE REAR 12730-44H00 ×1 CAMSHAFT, EXHAUST REAR 12740-44H00 ×1 TAPPET 12891-17E00 ×8 GASKET, TENSIONER ADJUSTER 12837-27G00 ×2 GASKET, TENSIONER ADJUSTER 12837-24F10-RX0 ×2

Model	Part name	Part number	Q'ty	Contents
DL650	TAPPET "D" SET	12800-11810-RX0	1	CAMSHAFT, INTAKE FRONT 12710-11J00...×1 CAMSHAFT, EXHAUST FRONT 12720-20F00...×1 CAMSHAFT, INTAKE REAR 12730-11J00...×1 CAMSHAFT, EXHAUST REAR 12740-20F00...×1 TAPPET 12891-17E00...×8 GASKET, TENSIONER ADJUSTER 12837-27G00...×2 GASKET, TENSIONER ADJUSTER 12837-24F10-RX ×2 CONNECTOR, MUFFLER 14771-32E10 ×2 GASKET, EXHAUST PIPE 14181-22D01 ×1 GASKET 09168-08016 ×1 WASHER 09167-25028 ×1 CLAMP (L:145) 09407-14407 ×1 CLAMP (L:120) 09407-14408 ×1 NUT 09159-12054 ×1 NUT 08319-3110A ×1

Model	Part name	Part number	Q'ty	Contents
GSR750	TAPPET "E" SET	12800-08810-RX0	1	CAMSHAFT, INTAKE 12710-08J00 ×1 CAMSHAFT, EXHAUST 12720-08J00 ×1 TAPPET 12891-44G00 ×8 TAPPET 12893-44G00 ×8 GASKET, TENSIONER ADJUSTER 12837-02H00 ×1 GASKET 09168-16009 ×1 GASKET, STARTER CLUTCH COVER 11491-33E02 ×1 GASKET, STARTER IDLE GEAR CAP 11492-33E00 ×1 GASKET 09168-06023 ×2 O RING 31156-98E00 ×1 CLAMP(L:100) 09407-10404 ×2

Model	Part name	Part number	Q'ty	Contents
GSF/GSX650	TAPPET "F" SET	12800-17810-RX0	1	CAMSHAFT, INTAKE 12701-17H00 ×1 CAMSHAFT, EXHAUST 12702-17H00 ×1 TAPPET 12891-17E00 ×16 GASKET, TENSIONER ADJUSTER 12837-27G00 ×1 GASKET, TENSIONER ADJUSTER 12837-24F10-RX0 ×1

Model	Part name	Part number	Q'ty	Contents
GSF/GSX1250	TAPPET "G" SET	12800-18810-RX0	1	CAMSHAFT, INTAKE 12701-18H00...×1 CAMSHAFT, EXHAUST 12702-18H00...×1 TAPPET 12891-17E00...×16 GASKET, TENSIONER ADJUSTER 12837-27G00...×1 GASKET, TENSIONER ADJUSTER 12837-24F10-RX0 ×1

Model	Part name	Part number	Q'ty	Contents
AN650	TAPPET "H" SET	12800-10810-RX0	1	CAMSHAFT,INTAKE 12710-10G00...×1 CAMSHAFT,EXHAUST 12720-10G00...×1 TAPPET 12891-17E00...×8 GASKET(6.2X13X1.2) 09168-06018...×2 TOOL,CHAIN TENSIONER LOCK 09918-53811...×1

Warranty Reimbursement Information

This is a recall campaign that is acceptable only one time for one unit.

Submit the warranty claim applications to SMC under the following terms.

Claim category		2 (Campaign)			
Trouble Code		99- QM			
Basic code		AB9999			
Model		Causal Part Name	Causal Part No.	Q'ty	Flat Rate (Hr)
AN250	Less than 4,000 km	GASKET "A" SET	11170-05810-RX0	1	3.2
	More than 4,000km Valve clearance: NG				3.3
	More than 4,000km Valve clearance: OK				2.1
SFV650	Less than 4,000 km	GASKET "B" SET	11170-19810-RX0	1	4.0
	More than 4,000km Valve clearance: NG				4.3
	More than 4,000km Valve clearance: OK				1.2
DL650	Less than 4,000 km	GASKET "B" SET	11170-19810-RX0	1	6.8
	More than 4,000km Valve clearance: NG				7.2
	More than 4,000km Valve clearance: OK				1.9
GSR750	Less than 4,000 km	GASKET "C" SET	11170-35810-RX0	1	4.3
	More than 4,000km Valve clearance: NG				4.8
	More than 4,000km Valve clearance: OK				1.9
GSX650 GSF650 GSX1250 GSF1250	Less than 4,000 km	GASKET "D" SET	11170-18810-RX0	1	5.3
	More than 4,000km Valve clearance: NG				5.8
	More than 4,000km Valve clearance: OK				2.3
AN650	Less than 4,000 km	GASKET "E" SET	11170-10810-RX0	1	3.6
	More than 4,000km Valve clearance: NG				3.9
	More than 4,000km Valve clearance: OK				2.6

Associated replacement parts

1. Shim

If dealer have not shim set, Tappet shim set shown as below is available for this campaign. When the Tappet shim set (12800-05830-RX0) are purchased for this recall campaign, your dealer fill out this set with quantity of ONE (1) once.

After purchasing this set, please retain and reuse the removed shims for future repair if the valve clearances are exceed the specification. In case that the specified thickness shim is insufficient, please place order the shims individually.

Part name	Part number	Q'ty	Contents
SHIM SET, TAPPET	12800-05830-RX0	1	SHIM, TAPPET (T:1.50) 12892-05C00-150 ×10
			SHIM, TAPPET (T:1.55) 12892-05C00-155 ×10
			SHIM, TAPPET (T:1.60) 12892-05C00-160 ×16
			SHIM, TAPPET (T:1.65) 12892-05C00-165 ×16
			SHIM, TAPPET (T:1.70) 12892-05C00-170 ×16
			SHIM, TAPPET (T:1.75) 12892-05C00-175 ×16
			SHIM, TAPPET (T:1.80) 12892-05C00-180 ×16
			SHIM, TAPPET (T:1.85) 12892-05C00-185 ×10
			SHIM, TAPPET (T:1.90) 12892-05C00-190 ×3

2. Engine Coolant

SMC allow to submit the coolant cost as a sublet as shown in below.

Model	Sublet
DL650 & AN650	0.3Hr
GSX650 & GSF650	0.4Hr
GSX1250 & GSF1250	0.6Hr

Repair Instruction

The repair instruction of ANNEX3 is available on SCAN FD.

Please download the files from below.

SCAN FD – Download – Service – Document Files for Motorcycle

ANNEX3:

“AN250_ Repair_Instruction_of_Tappet.doc”

“SFV650_ Repair_Instruction_of_Tappet.doc”

“DL650_ Repair_Instruction_of_Tappet.doc”

“GSR750_ Repair_Instruction_of_Tappet.doc”

“GSF650_GSX650_ Repair_Instruction_of_Tappet.doc”

“GSF1250_GSX1250_ Repair_Instruction_of_Tappet.doc”

“AN650_ Repair_Instruction_of_Tappet.doc”

Implementation Date and Progress On Your Country

1) Implementation Date:

<PLAN>

Please fill following planning schedule in the ANNEX1 and email to us by December 21, 2015.

- (1) Recall campaign notification date to your authority, if required.
- (2) Recall campaign notification date to your dealers.
- (3) Start date of Recall Campaign notification letter mailing to customers.
- (4) Date of ordering parts for initial necessary quantity.
- (5) Quantity of parts ordered for initial portion.

<ACTUAL STATUS>

Please fill following latest information in the ANNEX1 and email to us once a week until all the cells are completely filled out.

- (1) Recall campaign notification date to your authority, if required.
- (2) Recall campaign notification date to your dealers.
- (3) Start date of Recall Campaign notification letter mailing to customers.
- (4) Date of ordering parts for initial necessary quantity.
- (5) Quantity of parts ordered for initial portion.

We would like to ask you to provide the implementation date above to window person of SMC Motorcycle Service Group.

2) Implementation Progress:

Please email the following information with your company name to your window person. You are requested to email on daily basis until March 30, 2016.

- (1) Latest accumulated number of units completed.
- (2) Original number of affected unit.
- (3) Updated number of affected units, if adjusted.

Attachment

ANNEX1: Recall_campaign_notification_plan_form.xls

ANNEX2: Country_name_VIN_List.xls

ANNEX3: Please download from SCAN.

ANNEX4: Recall Campaign Parts Special Order Form.xls

ANNEX5: Sample of Customer Letter

END