

# Lightweight oil filter rotor Instruction manual

Product number 02-10-0001

Adaptation model and chassis numbers	GROM : JC61-1000001 ~ 1299999
	: JC61-1300001 ~
	: JC75-1000001 ~
	MSX125
	MSX125SF

Thank you very much for purchasing our products.  
Thank you so you will comply with the following matters at the time of use. Before installation, please check your always kit contents.  
If there is a point of notice event, Please contact us the dealer of purchase.

◎ If the description, such as photos or illustration different with this part.

☆ Please read carefully before use ☆

- ◎ The use ignoring the instructions that are written in the manual, if the accident or damage has occurred, we can not assume any responsibility for compensation.
- ◎ This product installation and use, when a problem occurs to after market goods, guarantee other than this product, also can not assume any in any such matters.
- ◎ If it was the case or mounting that has been processed like a product, it will not be covered under warranty.
- ◎ It is not possible to inquire of the combination of other manufacturers.
- ◎ This product is the above-mentioned vehicle exclusive goods. Is not possible attached to the other vehicle. Please note.
- ◎ Installation of product, go to ensure reference to a genuine service manual to adaptive models always.
- ◎ Mounting of this product need special tool. Please prepare separately.  
Lock nut wrench: 07916-6390001 (Honda genuine tool) : 00-01-1681 (Takekawa made tool)  
Gear holder: 07724-0010100 (Honda genuine tool) or, Universal holder: 00-01-1002 (Takekawa made tool)
- ◎ Oil filter cover will require periodic internal cleaning. Please perform regular maintenance.
- ◎ The mounting requires a separate right crankcase cover gasket.  
Takekawa number: 00-02-0356 Honda genuine number: 11394-KYZ-900
- ◎ Depending on usage, there is a case where ball bearing is missing come from right side crankcase cover. When ball bearing comes out might interfere with oil filter cover. It will be a cause of trouble, do not forget periodic maintenance.

~ feature ~

- Holds the filter function of genuine centrifugal oil filter, it was lighter the weight is less than or equal to half, lightweight centrifugal oil filter rotor.
- Possible improvement of engine response to reduce burden on to crankshaft.
- Centrifugal filter unit is catch can pocketing the dust in the oil that is outside moved in centrifugal force.

**⚠ Caution** When the handling of ignoring this display, property damage and human shows the assumption of what injury.

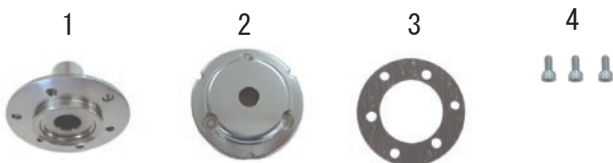
- When performing the work, etc., be sure during the cold (when the engine and the muffler is cold). (It may cause burns.)
- When performing the work, it should be made to prepare the tools for the job. (Breakage of parts, it may cause injury.)
- Do the work must always specified torque using a torque wrench. (Damage of bolts and nuts, and cause of dropout.)
- The product and the frame, might have edges or protrusions. Please go to protect your hands when you work. (It may cause injury.)
- Be sure to each part inspection before operation, check the loosening of the threaded portion, be sure to securely tighten the specified torque if there is loose. (It may cause detachment of the parts.)
- Gasket always use new parts. Also, parts can be re-used may be checked, if wear or damage, it is always replaced with new parts.

**⚠ Warning** When the handling of ignoring this display people died, shows the contents of the serious injury possibility is assumed.

- If you start the engine, be sure in a well-ventilated place. In the sealed such place, please do not start the engine.  
(There is a risk of carbon monoxide poisoning.)
- During operation, when an abnormality occurs, immediately stop the vehicle in a safe place, please stop running. (It may lead to an accident.)
- When performing the work, do the work safely stabilize the vehicle in a horizontal location.  
(There is a risk of injury vehicle collapsed while working.)
- Inspection, maintenance, the instruction manual or, inspection methods such as service manuals, to protect the way, should be done correctly.  
(unsuitable inspection and maintenance, there is a risk that result to an accident.)
- When carrying out the inspection and maintenance, etc., if found damaged parts, replace the damaged parts to avoid possible to reuse the parts.  
(There is a risk that lead to accidents Continued use.)
- Plastic bags of product packaging, you can either be stored in a place that is out of reach of children, it should be discarded.  
(When the children or wearing, there is a risk of suffocation.)

- ◎ Please note. Performance up, the design change, the product and the price in the cost up, etc. are subject to change without notice.
- ◎ Keep this manual stored until this product is discarded.

## Product content



Number	Product content	Quantity	Item Number
1	Oil filter rotor	1	—
2	Oil filter cover	1	15441-K26-T01
3	Oil filter gasket	1	15439-K26-T00
4	Socket cap screw, 6x12	3	00-00-0717 (5 pcs)

※ Please order in the repair parts are always repair part number.  
If it is not the part number order, you may not be able to order.  
Please be forewarned.  
It should be noted, In the case of parts that can not be separately shipment, please order a set part number.

**SPECIAL PARTS**  
**TAKEGAWA**

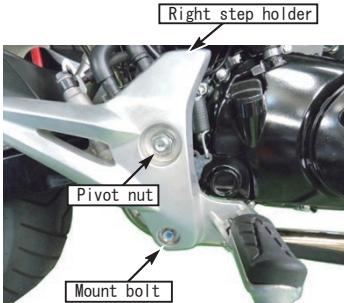
CONTACT Address : 3-5-16 Nishikiorihigashi Tondabayashi Osaka JAPAN  
TEL: +81-721-25-1357 FAX: +81-721-24-5059 e-mail: english@takegawa.co.jp URL http:// www.takegawa.co.jp  
Please contact with your name and country name provided. (Only English please)

■ Mounting procedure ※ Mounting methods and specified torque of detail, refer to genuine service manual.

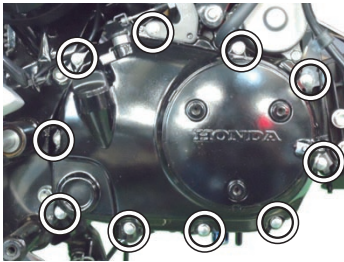
※ The contents of this installation procedure is different part and genuine service manual for work simplification, however mounting in the work along the original service manual is possible.

※ Stabilize vehicle in a safe place in a horizontal. Be carried out in work is always the cold after this (when engine and muffler is cold).

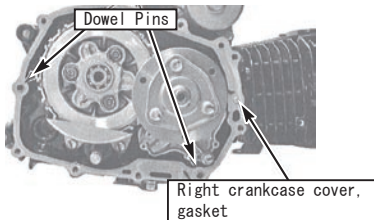
- The vehicle in a horizontal place, to stabilize in maintenance stand etc..
- Engine oil discharged.
- Remove right step holder.



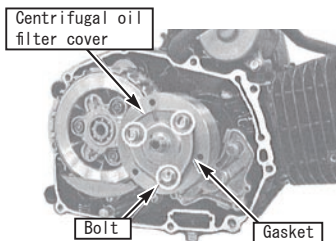
- Clutch remove cable connections.
- Loosen in several portions in a diagonal bolt of right crank case cover, and remove right crank case cover and hose clamp.



- Right crankcase cover gasket, dowel pins, remove oil orifice.

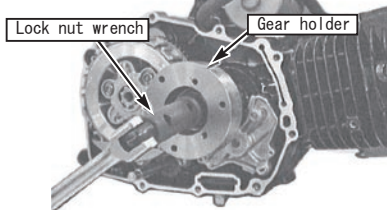


- Bolt, centrifugal oil filter cover, remove gasket.

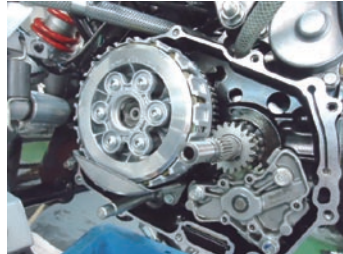


- Primary drive gear and driven gear or, by fixing centrifugal oil filter rotor, and remove centrifugal filter rotor locking nut by special tool.

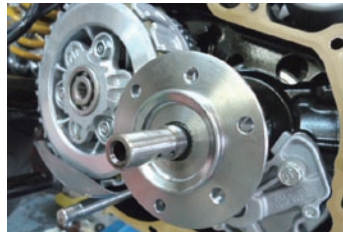
Special tool  
 : Honda genuine lock nut wrench 07916-6390001  
 Gear holder 07724-0010100  
 : Takekawa lock nut wrench 00-01-1681  
 universal holder 00-01-1002



- Remove washer and centrifugal filter rotor.



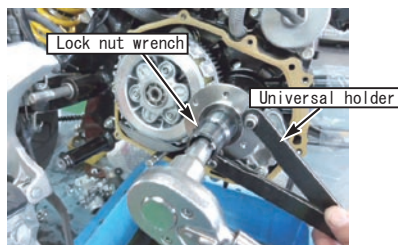
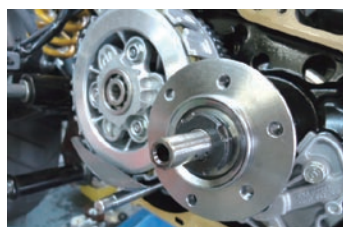
- Attach the included oil filter rotor to the crankshaft.



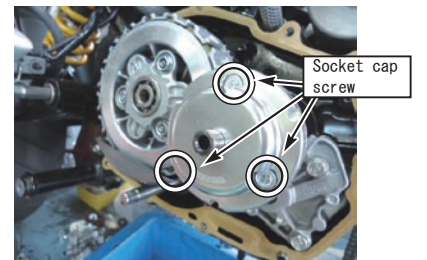
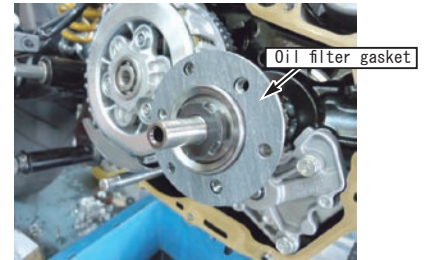
- It fixed primary drive gear and the driven gear or, the oil filter rotor is fixed, washer, a centrifugal filter rotor lock nut mounting and tighten until specified torque.

Special tool  
 : Honda genuine lock nut wrench 07916-6390001  
 Gear holder 07724-0010100  
 : Takekawa lock nut wrench 00-01-1681  
 universal holder 00-01-1002

⚠ Note: Be sure that you protect specified torque.  
 Centrifugal filter rotor lock nut  
 Torque: 64N · m (6.6kgf · m)



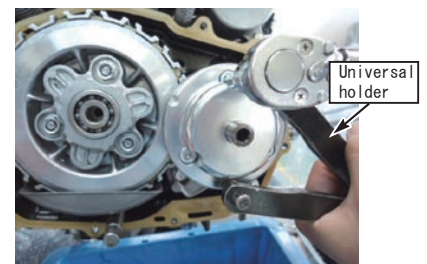
- Replace oil filter gasket, is coated with a thread locker on Included socket cap screws, to attach oil filter cover.



- The oil filter rotor is set, and tighten to the specified torque in the socket cap screw.

⚠ Note: Be sure that you protect specified torque.

Socket cap screw  
 Torque: 12N · m (1.2kgf · m)



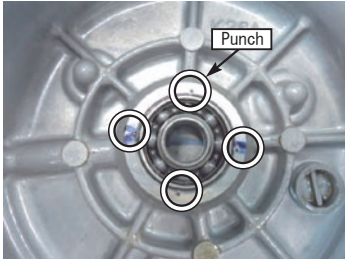
- Check status of ball bearings that support crankshaft that is attached to right side crankcase cover.



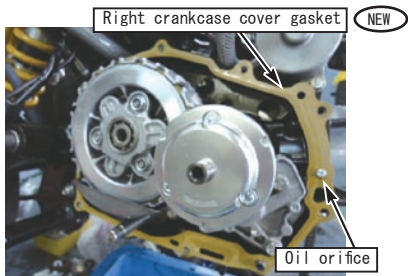
Right crankcase cover

© Runout conditions and crankshaft by use conditions, and may exit ball bearing from right crank case cover. When ball bearing comes off and then clearance is no longer interference with oil filter cover. Develop into trouble that can not be expected to interfere. Always verify status, dropout prevention in following additional work.

- Check that there is no dropping of ball bearings of right crankcase cover. One punch for dropout prevention several places in the housing portions of ball bearing outer race outside. This work is a simple procedure, need regular maintenance.

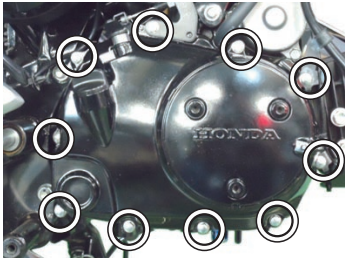


- Clean degreasing gasket surface of right crank case, dowel pins, attach oil orifice, to attach right side crankcase cover gasket new.



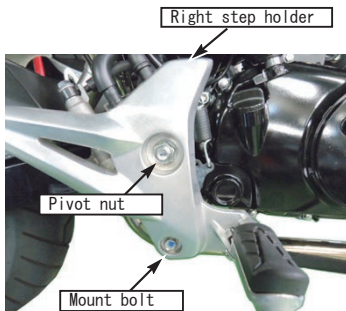
- To attach clamp and right side of crank case cover and tighten to specified torque is divided into several times bolts in diagonal.

⚠ Note: Be sure that you protect specified torque.  
Torque: 10N · m (1.0kgf · m)



- Clutch attach cable connections.
- Attach right step holder.

⚠ Note: Be sure that you protect specified torque.  
Swing Arm pivot nut  
Torque: 54N · m (5.5kgf · m)  
Step holder mount bolt  
Torque: 31N · m (3.1kgf · m)

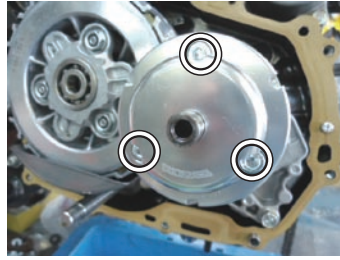


- Engine oil is prescribed amount injection (Engine oil level: 1.1L)
- Part it does tighten confirmation increased again to specified torque.

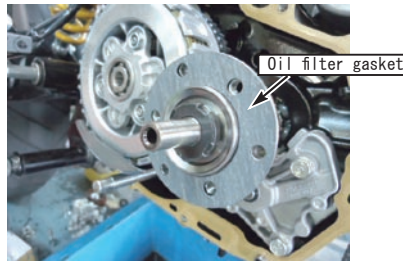
⚠ Note: Be sure that you protect specified torque.

### Time of maintenanc

- Remove right step holder and right side crankcase cover. (See previous section)
- Oil filter rotor were fixed, and remove socket cap screw.



- Oil filter cover, remove the filter gasket.

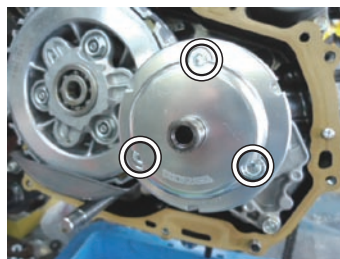
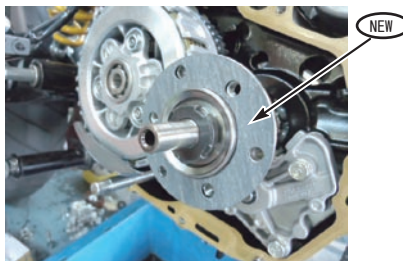


- Clean the oil filter cover in accumulated dirt



- Use a new oil filter gasket, to attach the oil filter cover. (See previous section)

⚠ Note: Be sure that you protect specified torque.  
Torque: 12N · m (1.2kgf · m)



- Right crank case cover and ball bearing of oil filter cover is dropout or confirm the presence or absence of contact mark.



- Installation procedure performs work of same along contents of previous chapter.