

# SUPER OIL PUMP

No.1/2

CODE: 331-1452000





APPLICATION : GROM (JC92) / MONKEY125 (JB03) / SUPER CUB C125 (JA58)

SPECIFICATION : Thickness of oil pump rotor : 12,5mm (genuine 10mm) ※Especially recommend for displacement up or use oil cooler together.




- Thank you for purchasing Kitaco product. Read and understand the instruction before installing.
- Installing this parts, you may need various special tools or rubber seal SET.

## ATTENTIONS (MUST READ)

- **When installing, please refer to maker service manual for each vehicle type.**
- Race use only. Note that racing parts are not covered under warranty. We are not responsible for damages and accidents caused by assembling mistake and improper setting.
- This parts expectation is improvement of especially declining cooling performance when displacement up, and low oil pressure when installing oil cooler by oil pump discharge and increasing lubrication amount.
- We are not responsible for damages and accidents caused by assembling mistake and improper setting.
- Do not modify the way which is not listed or it will cause damage and trouble.
- Please ask authorized mechanic for assembling and setting. Ask a specialist at specialty shop if you do not understand the role of the surrounding parts.
- Bolts and nuts may get loosen by engine vibration.
- SUPER OIL PUMP is designed and made exclusive for GROM(JC92), MONKEY 125 (JB03), SUPER CUB (JA58), do not use on other models.

	This instruction sheet is for the person who has basic knowledge for maintenance. Do not operate if you do not have skill and knowledge.		<b>FLAMMABLES</b> Inflammable high oil is used during operation. The use of products causing fire or smoke is strictly prohibited.
	Do not touch the gears and other rotating parts. Do not rotate tires and so on.		Do not touch the parts(cylinder, crankcase, muffler etc...) during and after engine operation.

**OIL PUMP developed illustration** (please refer to how to install and detachable for details)

 This mark means apply oil  
 This mark means please refer to how to installing.  
 Oil route

※If there is a scratch or friction on genuine parts, please change to new one.

**OUTER/INNER ROTOR**  
Attached parts

M6x28 (Reuse the genuine parts)  
10 N·m (1.0 kgf·m, 7 lbf·ft)

**E CLIP** attached parts  
Install the chamfered side face to the thrust load side.

**OIL PUMP BODY**  
Attached parts

**OIL PUMP SHAFT**  
Attached parts

8 X 10  
DOWEL PIN (Reuse the genuine parts)

**HEAD COVER GASKET**  
(Reuse the genuine parts)

8 X 12  
DOWEL PIN

Lock pin 2.5x13.5  
Driven gear

Oil pump cover

8 X 12  
dowel pin  
5.2 N·m (0.5 kgf·m, 3.8 lbf·ft)

**PACKING LIST**

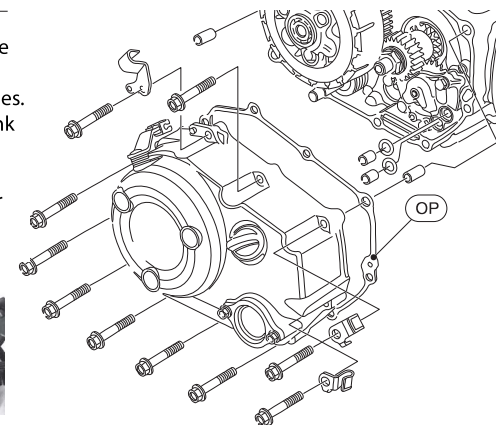
NAME	CODE	QTY
OIL PUMP BODY	331-1301001	x1
OIL PUMP SHAFT	331-1301002	x1
E CLIP 6mm	331-1301003	x1
TROCHOID GEAR (INNER ROTER)	331-1432002	x1
TROCHOID GEAR (OUTER ROTER)	331-1432003	x1

## HOW TO REMOVE OIL PUMP

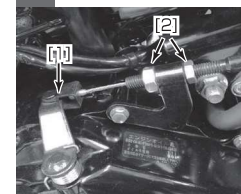
※ Please refer to the manufacturer service manual for installation.

1 Remove the drain bolt to drain the all engine oil.

3 Loosen 10 bolts (M6x35) of the crank case cover on the right side to the divided diagonally into several times. Remove the right side crank case cover and crank case cover gasket. (It may be easier to remove the cover when moving clutch lifter lever[1])

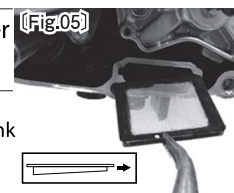


2 Loosen the adjust lock nut[2] of the clutch lifter lever[1] to remove clutch cable.



4 If gasket is adhere to the parts, please remove all carefully by using scraper.

5 Wash the Oil strainer screen. [Fig.05]



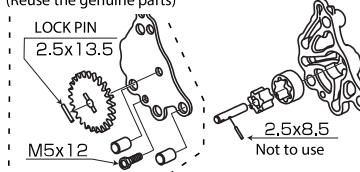
※ When inserting, face the tapered side(thin) to crank case, and upward the edge.

## HOW TO INSTALL OIL PUMP

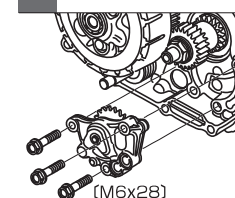
8 Remove the genuine driven gear(25T), lock pin (2.5x13.5), cover, etc from OIL pump assy to reuse them. [Fig.08]

9 Make sure that reusing parts are not broken.

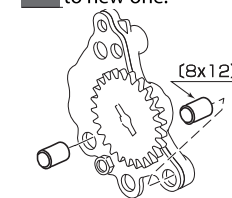
[Fig.08] (Reuse the genuine parts)



6 Loosen flange bolt(M6x28) diagonally into several times.

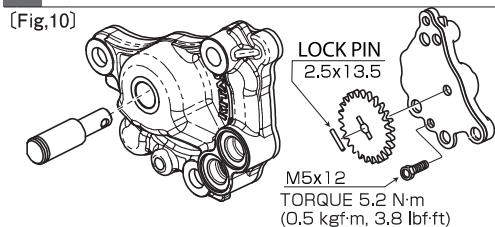


7 If dowel pin(8x12) is broken, please change to new one.



10 Install the parts from genuine oil pump to KITACO oil pump. [Fig.08/ refer to oil pump exploded illustration]

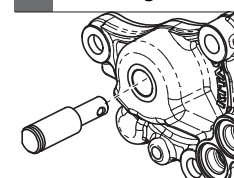
[Fig.10]



11 Insert the oil pump shaft to the driven gear, and lock pin to the ditch of the gear.



12 Please check the oil pump shaft spin smoothly after insert. If not, the cover might be off.



※ Be careful not to be off, insert the attached oil pump shaft to the main pump.

[Fig.10]

※ Make sure that the bolt(M5x12) is tightened with cover correctly. If not, please tighten it with the specified torque.

Tightening 5.2 N·m torque [Fig.10]

OPTION			
FIGURE	NAME	CODE	QTY
OP	R CRANK CASE COVER GASKET	966-1452004	x 1

**SUPER OIL PUMP**

No.2/2

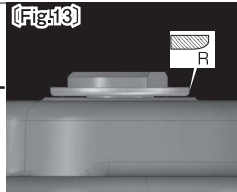
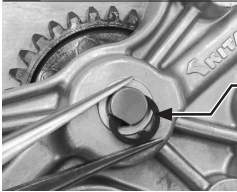
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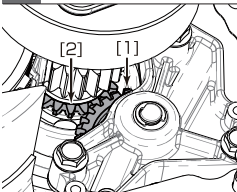
**HOW TO INSTALL OIL PUMP**

**13** Install the attached E clip to the ditch of oil pump shaft. Please be careful not to lose.

※ Install the R side of the E clip to the down side(thrust load side).

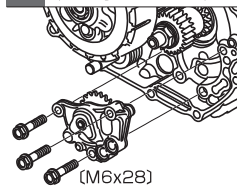


**16** Make sure that oil pump driven gear[1] and the drive gear on the crank shaft side[2] are biting each other.

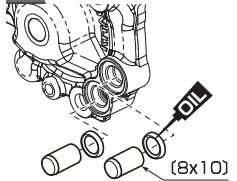


**17** Tighten the flange bolt(M6x28) diagonally into several times.

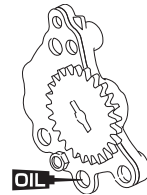
Tightening torque 10 N·m  
(1.0 kgf·m, 7 lbf·ft)



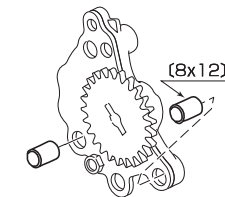
※ If the genuine dowel pin (8x10), gasket is broken, please change to new one.



**14** Inject the oil to inside the oil pump and turn the gear to circulate the oil.



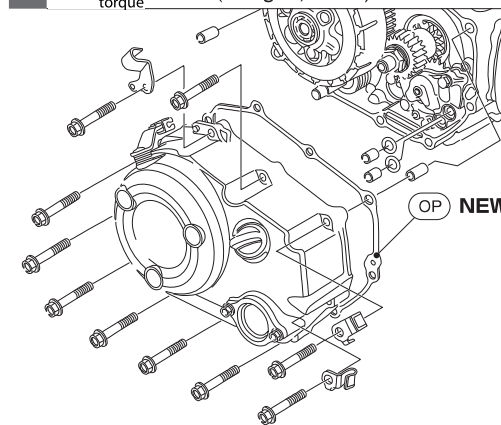
**15** If the genuine dowel pin(8x12) is broken, please change to new one.



**18** Exchange the new R crank case cover gasket, and install the R crank case cover.

**19** Tighten the flange bolt(M6x35) diagonally into several times.

Tightening torque 10 N·m (1.0 kgf·m, 7 lbf·ft)



**20** Install the clutch cable as before.

**21** Pour the specified amount of oil.  
(Refer to manufacturer service manual)

※ If you use oil cooler, add more oil depending on the oil cooler capacity.