

FRONT FORK SPRING SET / SPRING REPLACEMENT TOOL No.1/2			
5.5N (R/RED) 500-1432100	6.0N (Y/YELLOW) 500-1432110	6.5N (G/GREEN) 500-1432120	REPLACEMENT TOOL 674-1432500
APPLICATION : GROM (JC61/75/92 all model) / GROM (HRC race base model) / MONKEY 125 (JB02/03)			
ATTENTION! : According to HONDA service manual, this is disassembled parts. We recommend to ask to specialty shop.			

- Thank you for purchasing Kitaco product. Read and understand the instruction before installing.
- For installation, each specified tool or seal set may be required.

### ATTENTION! (MUST READ)

- Refer to the manufacturer service manual when installation.
- This parts is made exclusive for racing use. Note that this parts is not covered under warranty, Obey Road transport Vehicle Law and road traffic law.
- We are not responsible for violation of law or damages and accidents caused by assembling mistake and improper setting.
- Please follow this instruction sheet. 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. Make sure not to loosen any bolts and nuts before driving.
- This product is designed and made exclusive for application vehicle, do not use other models.



This sheet is intended for the person who has basic knowledge for maintenance. Do not operate if you do not have skill and knowledge.



Do not touch after using firearms. Please do protect measures before operation.

### MAINTENANCE INFORMATION

Recommendation fork oil : Same as KYB #30 (kinematic viscosity : same as 120~140)  
 Recommendation oil surface (fully stooped) : 70~85mm (genuine specified value : 75mm)

### SPRING DATA

FOR TOWN RIDING (normal cc) ~ LIGHT TUNED VEHICLE			
5.5N (RED)	PUBLIC ROAD (TOWN RIDING)	Rider weight : ~around 65kg	Recommendation oil surface : 75~80mm
	CIRCUIT (ROAD COURSE)	Rider weight : ~around 65kg	Recommendation oil surface : 75~80mm
	CIRCUIT (CART COURSE)	Rider weight : child ~ second half of 50kg	Recommendation oil surface : 75~80mm for adults.
FOR NORMAL ~ LIGHT BIG BORE			
6.0N (YELLOW)	PUBLIC ROAD (TOWN RIDING)	Rider wight : ~ around 75kg	Recommendation oil surface :
	CIRCUIT (ROAD COURSE)	Rider wight : ~ around 75kg	(~ around 65kg) 80~85mm / (65kg~) 75~80mm
	CIRCUIT (CART COURSE)	Rider wight : ~ around 75kg	Recommendation oil surface : (65kg~) 75~80mm
FOR HIGH TUNED VEHICLE (NEO big bore 181cc, brake tuned, etc.)			
6.5N (GREEN)	PUBLIC ROAD (TOWN RIDING)	Recommendation oil surface : 75~80mm	
	CIRCUIT (ROAD COURSE)	Recommendation oil surface : 80~85mm	
	CIRCUIT (CART COURSE)	Recommendation oil surface : 80~85mm	

### PACKING LIST

NAME	CODE	QTY	REMARK
FRONT FORK SPRING	-	× 2	5.5N/6.0N/6.5N
O RING (1.9x21.0)	500-1432102	× 2	
O RING (2.4x23.3)	500-1432103	× 2	

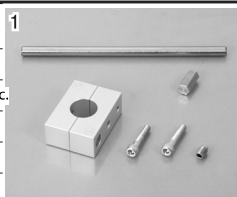
### REPLACEMENT TOOL PACKING LIST

NAME	CODE	QTY	REMARK
ENAMEL SET M10	004-1432001	× 1	anti-rotation pin
CAP BOLT M8x40	080-0500040	× 2	
FRONT FORK CLAMP	674-1432501	× 2	
HEXAGONAL PRISM	674-1432502	× 1	
ROUND BAR M12	674-1432503	× 1	

### REQUIRED GENERAL TOOL AND SPECIFIED TOOL

We are following service manual about genuine tools unless how to operate.

SPECIFIED TOOL	NAME	CODE	PURPOSE
1	REPLACEMENT TOOL	674-1432500	Disassemble inner fork, fixing while assembling, etc.
-	VICE	-	Fixing tool for replacement tool.
-	SCREW LOCK	-	Fixing lower fork boots.
-	GAS BURNER / TORCH	-	When screw lock is melted.



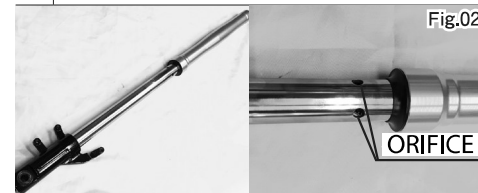
## HOW TO REMOVE

※ Refer to the manufacturer service manual when installation.

1 Refer to the service manual, remove top cap, fork bolt and all of fork oil.



2 Pull inner fork up to see the orifice hole.  
 ※ If oil is left, it will fly around from orifice, we recommend to wrap cloth, etc.



3 Ready replacement tool of specified tool. Install anti-rotation pin on one side to adjust pop out a little.



4 Fix the replacement tool anti-rotation pin to match the orifice hole. When fixing, tighten bolt attached to tools. Be careful over tightening.



5 Sand the fork that installed replacement tool firmly to replacement tool place by vice. (Be careful sanding direction.)

※ We recommend to protect by cloth, etc not to get scratch to outer tube.



6 Burn all around the fork boots evenly (about 2mins) by gas burner to melt screw lock.

※ Paint might be discolored.  
 ※ Be careful of burning! Be careful spread fire to rolled cloth, etc.



7 Insert attached φ12 round bar to axle shaft hole, then rotate clock wise (reverse thread) to loosen fork boots. (Fix firmly by vice. We recommend to work with 2 people.)

※ Be careful of burning! If it's not loosen, burn it again.

8 Loosen as rotate fork boots lightly, then pull up to remove.



9 Find inner fork cap after removed fork boots. Loosen it with attached 14mm hexagonal prism with anticlockwise.

※ ATTENTION! Spring might pop out when removing fork cap.



# FRONT FORK SPRING SET / SPRING REPLACEMENT TOOL No.2/2

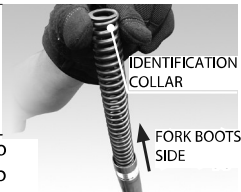
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## HOW TO INSTALL

**10** After being cooled, change genuine spring to Kitaco one. (If it is hot, pull by hook, etc.)



※ When installing Kitaco spring, recommend to insert with identification collar to upper side (fork boots side).

**11** If 2PCS of fork cap O ring is deformation or break, change to attached O ring. [Fig.11]

**12** Install fork cap, then tighten clockwise with 14mm hexagonal prime. **TORQUE** : 30N · m

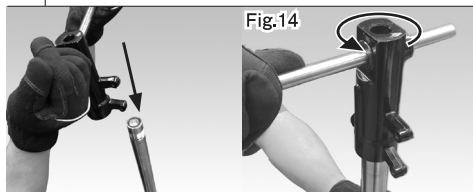


**13** Remove old screw lock, then apply new screw lock evenly and thin.

※ Do not apply too much!



**14** Install fork boots to inner fork, insert attached  $\phi 12$  round bar to axle shaft hole, rotate anticlockwise (reverse thread) to tighten boots. [Fig.14]



**15** Take fork away from vice, then remove replacement tool.

**16** Refer to the service manual and Kitaco spring data (No.1), inject fork oil, then adjust oil surface and install fork bolt.