

FRONT FORK INNER SPRING SET / REPLACEMENT TOOL				No.1/2
5.5N & FORK OIL LIGHT 500-1432300	6.0N & FORK OIL MEDIUM 500-1432310	6.5N & FORK OIL HARD 500-1432320	7.0N & FORK OIL HARD 500-1432330	
5.5N SPRING SET (R / RED) 500-1432100	6.0N SPRING SET (Y / YELLOW) 500-1432110	6.5N SPRING SET (G / GREEN) 500-1432120	7.0N SPRING SET (B / BLUE) 500-1432130	
APPLICATION : GROM (JC61 / 75 ALL MODEL) / GROM (HRC RACE BASE MODEL)				
※PLEASE ASK AUTHORIZED MECHANIC TO INSTALL AS DISASSEMBLING / INSTALLING THESE PARTS ARE NOT RECOMMENDED AT HONDA SERVICE MANUAL.				

- Thank you for purchasing Kitaco product. Read and understand the instruction before installing.
- Exclusive tool & gasket set are required to install this product.

ATTENTIONS (MUST READ)

- Refer to the manufacturer HONDA service manual when installation.
- FRONT FORK INNER SPRING SET is designed and made only for race use. Each rider should follow the regulations of road traffic law in his own country. We are not responsible for violation of law or damages and accidents caused by assembling mistake and improper setting.
- 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.
- Follow the instruction, install correctly and modify. Do not modify the way which is not listed because it may cause seizure and damage.
- 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.
- FRONT FORK INNER SPRING SET is designed and made exclusive for GROM, 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.



It is extremely hot after use of bus burner. Make sure to wear to protect yourself with gloves or anything to work carefully.

MAINTENANCE INFORMATION	
RECOMMENDED FORK OIL : K-OIL (LIGHT #190 / MEDIUM #230 / HARD #320)	
※The kinematic viscosity is the approximate numerical value at the time of 40 °C.	
RECOMMENDED OIL LEVEL (FULL FLEXION) : 70 ~ 85 mm (GENUINE FORK : 75mm)	

SPRING DATE		
5.5N (RED)	STREET (DISPLACEMENT : 125cc) ~ LIGHT TUNED VEHICLE (K-OIL : LIGHT ~ MEDIUM recommended)	
	STREET	RIDER WEIGHT ~ 65kg : RECOMMENDED OIL LEVEL : 75 ~ 80mm
	CIRCUIT (ROAD COURSE)	RIDER WEIGHT ~ 65kg : RECOMMENDED OIL LEVEL : 75 ~ 80mm
6.0N (YELLOW)	STOCK ~ LIGHT TUNED VEHICLE (K-OIL : MEDIUM recommended)	
	STREET	RIDER WEIGHT : ~ 75kg RECOMMENDED OIL LEVEL : (~ 65kg) : 80 ~ 85mm / (65kg~) 75 ~ 80mm
	CIRCUIT (ROAD COURSE)	RIDER WEIGHT : ~ 75kg RECOMMENDED OIL LEVEL : (~ 65kg) : 80 ~ 85mm / (65kg~) 75 ~ 80mm
6.5 N (GREEN)	HIGH TUNED VEHICLE (NEO 181cc / BRAKING MODS VEHICLE) (K-OIL : HARD recommended)	
	STREET	RECOMMENDED OIL LEVEL : 75 ~ 80mm
	CIRCUIT (ROAD COURSE)	RECOMMENDED OIL LEVEL : 80 ~ 85mm
7.0N (BLUE)	CIRCUIT (CART COURSE)	
	CIRCUIT (CART COURSE)	RECOMMENDED OIL LEVEL : 80 ~ 85mm

FORK OIL & FORK INNER SPRING SET PACKING LIST				RECOMMENDED CHART				
NAME		CODE	QTY				OIL GRADE	SPRING RATE
FORK INNER SPRING SET	5.5N ~ 7.0N	-	1SET	1SET	1SET	1SET	LIGHT # 190	5.5N
	LIGHT # 190	968-1432100	x1	-	-	-	MEDIUM #230	6.0N
	MEDIUM #230	968-1432110	-	x1	-	-	HARD #320	7.0N
FORK OIL K-OIL	MEDIUM #230	968-1432110	-	-	x1	x1		
	HARD #320	968-1432120	-	-	-	-		

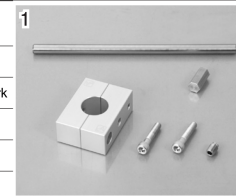
FORK INNER SPRING SET PACKING LIST			
NAME	CODE	QTY	REFERENCE
FRONT FORK SPRING	-	x2	5.5N ~ 7.0N
O RING (1.9x21.0)	500-1432102	x2	
O RING (2.4x23.3)	500-1432103	x2	

REPLACEMENT TOOL PACKING LIST			
NAME	CODE	QTY	REFERENCE
HOLLOW SET M10	004-1432001	x 1	STOPPER PIN
CAP BOLT M8x40	080-0500040	x 2	
FRONT FORK CLAMP	674-1432501	x 2	
HEXAGON POST	674-1432502	x 1	
ROUND BAR M12	674-1432503	x 1	

REQUIRED GENERAL TOOLS & SPECIAL TOOLS


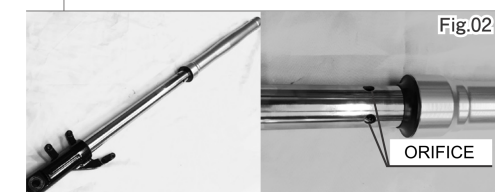
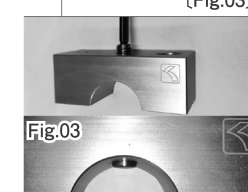
Refer to Honda service manual for Honda genuine tools. Follow their instruction as well.



	NAME	CODE	USE APPLICATION
Special tools 1	REPLACEMENT TOOL	674-1432500	Holding fixture when disassembling / installing inner fork
-	WISE	-	Fixture of replace tool
-	SCREW LOCK	-	Fixing lower fork boots
-	GAS BURNER / TORCH	-	Melting screw lock agent




HOW TO REMOVE

※ Refer to the manufacturer HONDA service manual when installation.

- Remove top cap bolt, fork bolt and all the fork oil.
 
- Extend fork until you see orifice hole.
 - ※ Wrap the fork with waste in advance as remaining oil comes out from orifice [Fig.02]
- Prepare for exclusive tool 1, "REPLACE TOOL". Adjust the stopper pin.
 

- Insert replace tool stopper pin into fork orifice and tighten. Tighten M8 bolts with even torque. Do not overtorque [Fig.04]
 
- Grip the replace tool in a vise firmly. (See the fork direction)
 - ※ Wrap the fork with waste in advance to protect fork outer tube. [Fig.05]

- Heat up around the fork boot with gas burner thoroughly to melt the screw agent.
 - ※ Do not burn your hands. If fork does not get loosen, heat up with gas burner too.
- Insert φ12 round bar into axleshaft hole, turn it clockwise to loosen fork boot. (Secure with vice. Working with 2 people recommended.)
 - ※ Do not burn your hands. Be careful not to burn the waste around the fork.



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HOW TO INSTALL

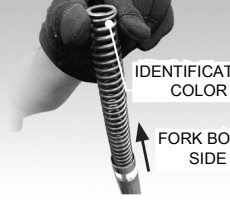
9 Turn the inner fork cap with 14mm hexagonal cylinder counterclockwise to loosen. [Fig.09]

※ Attention ! Spring might come out quickly when removing fork cap.



10 After cooling down, exchange the stock spring with Kitaco spring. Use hook to remove if it is too hot.


※ Face the painting part upper side.



11 If 2 of O-rings are damaged or bent, exchange with new ones in the kit.

12 Install fork cap and tighten with hexagonal cylinder. TORQUE : 30N·m

Fig.11



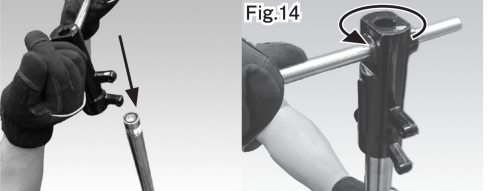
13 Remove all the screw lock agent remaining, apply new one around the screw evenly.

※ Do not apply too much screw agent !



14 Put the fork boot on inner fork, insert $\phi 12$ round bar in axleshaft hole, turn counterclockwise to tighten. [Fig.14]

Fig.14



15 Remove fork out of vice. Remove replace tool.

16 Put fork oil in the fork, adjust the oil lever (refer to Honda service manual / Kitaco spring data) Installation completed.