

Heavy Duty Centrifugal Clutch Kit (32-weight type) Instruction Manual

Item No. 02-01-0215

Adaptation model	Z50R	(AB02-1000001 ~)
	XR50	(AE03-1000001 ~)
	CRF50F	(AE03-1400001 ~)
	Super Cub 50	(C 50-5200011 ~ 5299999) (C 50-3000001 ~ 4223783) (C 50-8000026 ~ 0095210) (C 50-0200001 ~ 0999999) (C 50-2100001 ~ 2299999) (AA01-1000001 ~ 1699999)
	Super Cub 50 (Injection system)	(AA01-1700001 ~)
	Super Cub 70	(C 70-6100010 ~ 6199999) (C 70-3000001 ~ 4205597) (C 70-8000035 ~ 8680116) (C 70-1000001 ~ 1699999)
	Super Cub 90	(HA02-1000004 ~ 2899999)
	Little Cub	(C 50-4300001 ~) (AA01-3000001 ~)
	Little Cub (Injection system)	(AA01-4000001 ~)
	DAX	(AB26-1000001 ~)
	Giorcub	(AF53-1000001 ~)
	Solo	(AC17-1000001 ~)
	Chaly 50	(GF50-1000002 ~) Exclude AT model

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 ☆

- ◎ We do not take any responsibility for any accident or damage whatsoever arising from the use of the products not in conformity with the instructions in the manual.
- ◎ This kit is designed for exclusive use in the above-mentioned applicable types of motorcycles and frame numbers only. Please take note that this kit cannot be mounted on other types of motorcycles.
- ◎ Product may have edges or protrusions. Be sure to wear working gloves.
(Please wear work gloves when working, even if a photo in this article show without work gloves.)
- ◎ Caution: For Super Cub 50(FI)/ Little Cub(FI), if the vehicle is stopped with the gear in place the vehicle may move because the stock idling speed is set high in these and clutch may not completely disengaged. Please be sure to put it in neutral when the vehicle is stopped.
- ◎ Installation of this product requires engine removal and mounting. Please prepare and refer to a genuine parts service manual in order to perform installation work properly. Installation of this product requires engine removal and mounting. Please prepare and refer to genuine parts service manual in order to perform installation work properly. This instruction manual, as well as genuine parts service manual, is prepared with those persons in mind who have basic skills and knowledge in tuning. Therefore, we recommend those who are technically inexperienced or do not have enough tools to ask a technically-reliable specialist shop for the work.
- ◎ Please use our super oil pump (01-16-0058/0059/0065/0066) when using this product with a heavy-duty oil pump.
Caution: Our heavy-duty oil pump (01-16-0054/0055/0056/0057) previously sold may interference with and the centrifugal clutch, but it is possible to prevent interference by using low (height) head bolt. Please check the installation procedure for details.
- ◎ We shall be held free from any kind of warranty whatsoever of products other than this product if the glitch takes place on the other products than this one after the installation and use of this product.
- ◎ You are kindly requested not to contact us about the combination of our products with other manufacturers'.
- ◎ Some of bolts, nuts, dowel pins and packings will be reused. However, be sure to replace worn-down or severely-damaged ones with new ones.
- ◎ Engine oil needs to conform to API SF or better in the particular viscosity class such as SAE 10W-40 or 15W-50.
- ◎ For the installation of this Kit, the special tools of a lock nut wrench and rotor holder are required.
Our item Nos Lock nut wrench: 08-02-0033 or 00-01-0152 Rotor holder: 00-01-1001
- ◎ Do not use this Kit on a motorcycle equipped with Super Head +R / Super Head 4V +R / DOHC / DESMO Head.
- ◎ Please always drove at below the allowable maximum speed of 10,000 rpm. Otherwise, the clutch outer could be damaged.

~ feature ~

- ◎ The clutches are strengthened by the increase in the clutch weights. The installation of this Centrifugal Clutch Kit eliminates the slippage of the clutches when driving with the tuned engine on a centrifugal-clutch motorcycle, sufficiently transmitting the engine power to the tires. This product is particularly suitable for installation onto e-Stage, and S-Stage.

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

- Always try to drive your motorcycle at a legal speed, abiding by the laws.
- 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. When working, please wear work gloves to protect your hands. (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.

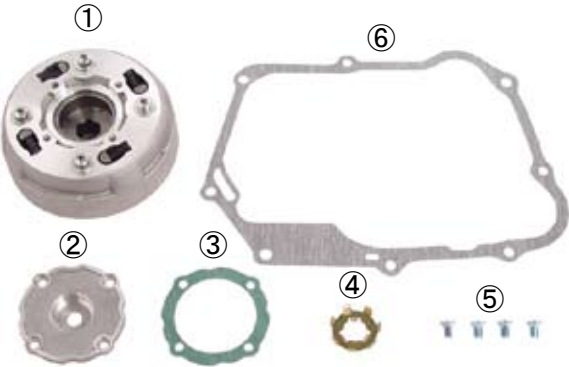
- If you start the engine, be sure in a well-ventilated place. In the sealed such place, please do not start the engine.
(There is a risk of carbon monoxide poisoning.)
- During operation, when an abnormality occurs, immediately stop the vehicle in a safe place, please stop running. (It may lead to an 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.)

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)

◎ 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	Clutch assembly	1	
2	Clutch outer cover	1	
3	Clutch outer cover gasket	1	00-02-0124
4	Lock washer, 14 mm	1	00-02-0123
5	Flat head screw 5x10	4	00-00-2778 (4 pcs)
6	Right-side crankcase cover gasket	1	00-01-0095

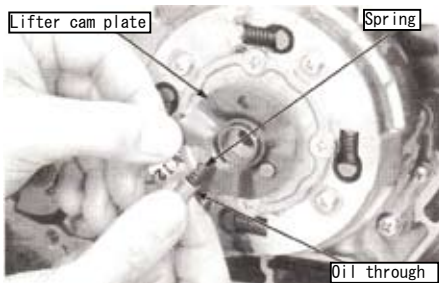
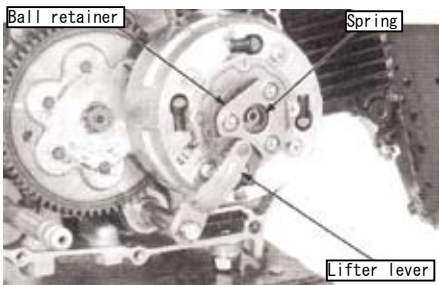
※ Please order in the repair parts are always repair part number. If it is not the part number order, you may not be able to order.
Please be forewarned.
It should be noted, In the case of parts that can not be separately shipment, please order a set part number.
※ Repair parts may differ slightly from the kit contents in terms of shape, etc. There is no problem to use it. Please be forewarned.

■ Mounting procedure ※ Please refer to the genuine service manual if the detail is not mentioned method and the specified torque.

- ◇ Please check the contents of the kit.
- ※ Support the body firmly with a maintenance stand or the like for your safe installaion work.
- ※ Work only when the engine and the muffler are cool.
- ※ The following show only the basic installation work. Please do work referring to Honda' s genuine parts service manual as the work may differ depending on the types of motorcycles.

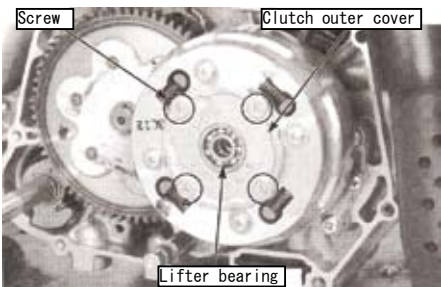
● Removal

- ◇ Drain the engine oil to detach the following parts: a kick starter, and a rear crankcase cover.
- ※ Dowel pins and bolts will be reused as long as there is no problem with them. Clear them of dirt and dust and keep them for reuse.
- ◇ Remove the following parts: a clutch lifter lever, ball retainer, lifter spring, lifter cam plate, oil through, and oil through spring.
- ※ Reuse these parts if nothing is wrong with them.

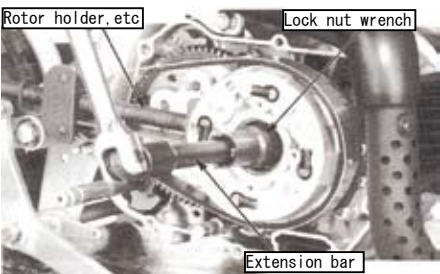


● Removal of a clutch assembly

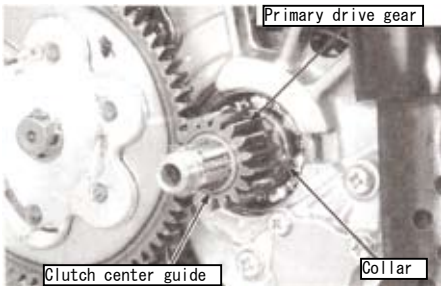
- ◇ Remove a lifter bearing.
Unfasten four screws and detach a clutch outer cover.



- ◇ Turn up hooks on the 14mm lock washer.
Holding the clutch outer, detach a lock nut with a lock nut wrench.



- ◇ Detach a lock washer B and 14mm lock washer, and a clutch assembly from the crank shaft.
- ◇ From the crank shaft, remove a primary drive gear, clutch center guide and collar to check if nothing is wrong with them.



● Compatible oil pump

※ Depending on the oil pump, even our product may interfere with this product.

Please use our super oil pump (01-16-0058/0059/0065/0066) when using this product with a heavy-duty oil pump.

※ Even if you have already installed any of the above oil pumps or super oil pumps for centrifugal clutches (sold previously), you can prevent interference by replace the bolts in the following two locations to low head bolts.

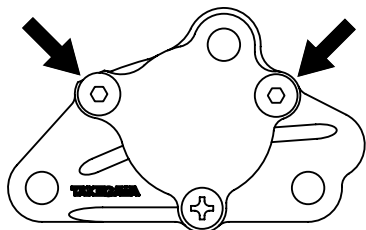
Low (height) head bolt 5x10 Takegawa parts number : 00-00-0681 (2 pcs)

⚠ Note: Be sure that you protect specified torque.

Low (height) head bolt

Torque : 4N · m (0.4kgf · m)

※ Please apply screw locking agent



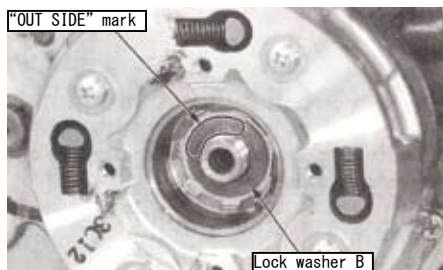
● Installation of clutch assembly

◇ Reinstall the collar, clutch center guide, and primary drive gear back into the crank shaft.

◇ Install the clutch assembly included in the Kit onto the crank shaft, and mesh the clutch center grooves with the teeth of the primary drive gear.

◇ Attach a 14mm lock washer of the kit, fitting the hook into the grooves on the drive plate.

Attach a lock washer B with the "OUT SIDE" mark turned up.



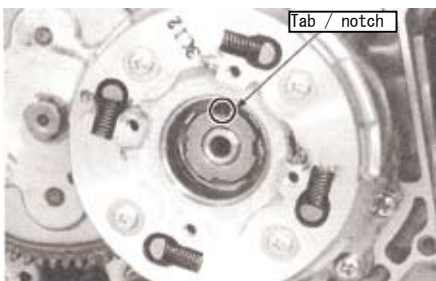
◇ Attach a lock nut.

⚠ Note: Be sure that you protect specified torque.

Lock nut

Torque : 42N · m (4.3kgf · m)

◇ In case a notch on the lock nut is not fit into a hook on the lock washer, press down the lock washer to fit it into the notch. Bend the hook on the lock washer, and fit the hook correctly into the notch on the lock nut.



◇ Fix a lifter bearing and gaskets to the supplied clutch outer cover, which please fix onto the clutch outer with four screws.

⚠ Note: Be sure that you protect specified torque.

Screw

Torque : 4.4N · m (0.45kgf · m)

● Installation

◇ Install the following parts:

Lifter cam plate, oil through spring, oil through, ball retainer, lifter spring and clutch lifter lever

◇ Install dowel pins and the supplied gaskets onto the crankcase. Install a right side crankcase cover and tighten every bolt.

⚠ Note: Be sure that you protect specified torque.

Bolt

Torque : 8.84N · m (0.9kgf · m)

◇ Install a kick starter and tighten the bolt.

◇ Referring to a Honda's genuine service manual, inject the engine oil in the specified amount.

● Adjustment

※ Must be adjusted. Especially when using a heavy-duty oil pump, the clearance is narrow, so interference may occur if it is not adjusted.

◇ Loosen the lock nut, and give an adjust bolt about one clockwise turn, and then turn it counterclockwise until you find it a little hard to turn it.

◇ At the point you felt some resistance in turning the adjust bolt counter clockwise, give it a 1/8 turn clockwise. And holding the adjust bolt, tighten the lock nut.

◇ Start the engine, and check that there is no unusual noise from the engine or oil leak in every gasket.

◇ Check the conditions of disengagement, slippage and shift operation of the clutch.

