



Special Clutch Cover Kit Instruction Manual

(Aluminum Die Cast)

Item No. : 0 2 - 0 1 - 0 2 4 4 (Aluminum, buffed & clear painted)
Applicable Models : Monkey, Monkey (FI), Gorilla, and CRF50F
Applicable Products : Vehicle equipped with our 5 disc Special Clutch Kit (excluding Type R)
or Old Sand mold Special Clutch Type 2 or 3 (with oil filter)

- Thank you for purchasing one of our products. Please strictly follow the following instructions in installing and using the kit.
- Before fitting the kit, please be sure to check the contents. Should you have any questions about the kit, please contact your local motorcycle dealer.

Please note that, in some cases, the illustrations and photos may vary from the actual hardware.

Please read the following before starting the installation

We do not take any responsibility for any accident or damage whatsoever arising from the use of the kit not in conformity with the instructions in the manual.

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'.

Genuine exhaust system and our up type exhaust system cannot be installed. When installing our Z style exhaust system, the cable receiver section of the clutch cover will interfere with the exhaust heat protector. It can be attached by processing the interference part of the exhaust heat protector.

Please note that this kit is designed for exclusive use in the above-mentioned applicable models and products only and that it cannot be mounted on other models or products.

CAUTION

The following show the envisioned possibility of injuries to human bodies and property damage as a result of disregarding the following cautions.

- Work only when the engine and muffler are cool. (Otherwise, you will burn yourself.)
- Do the installation with right tools. (Otherwise, breakage of parts or injuries to yourself may take place.)
- Always use a torque wrench to screw bolts and nuts tight and securely to the specified torque. (Otherwise, these parts may get damaged or fall off, resulting in accidents.)
- As some products and frames have sharp edges or protruding portions, please work with your hands protected. (Otherwise, you will suffer injuries.)
- Before riding, always check every section for slack in parts like screws. If you find slack ones, screw them securely up to the specified torque. (Otherwise, improper tightening may cause parts to come off.)

WARNING

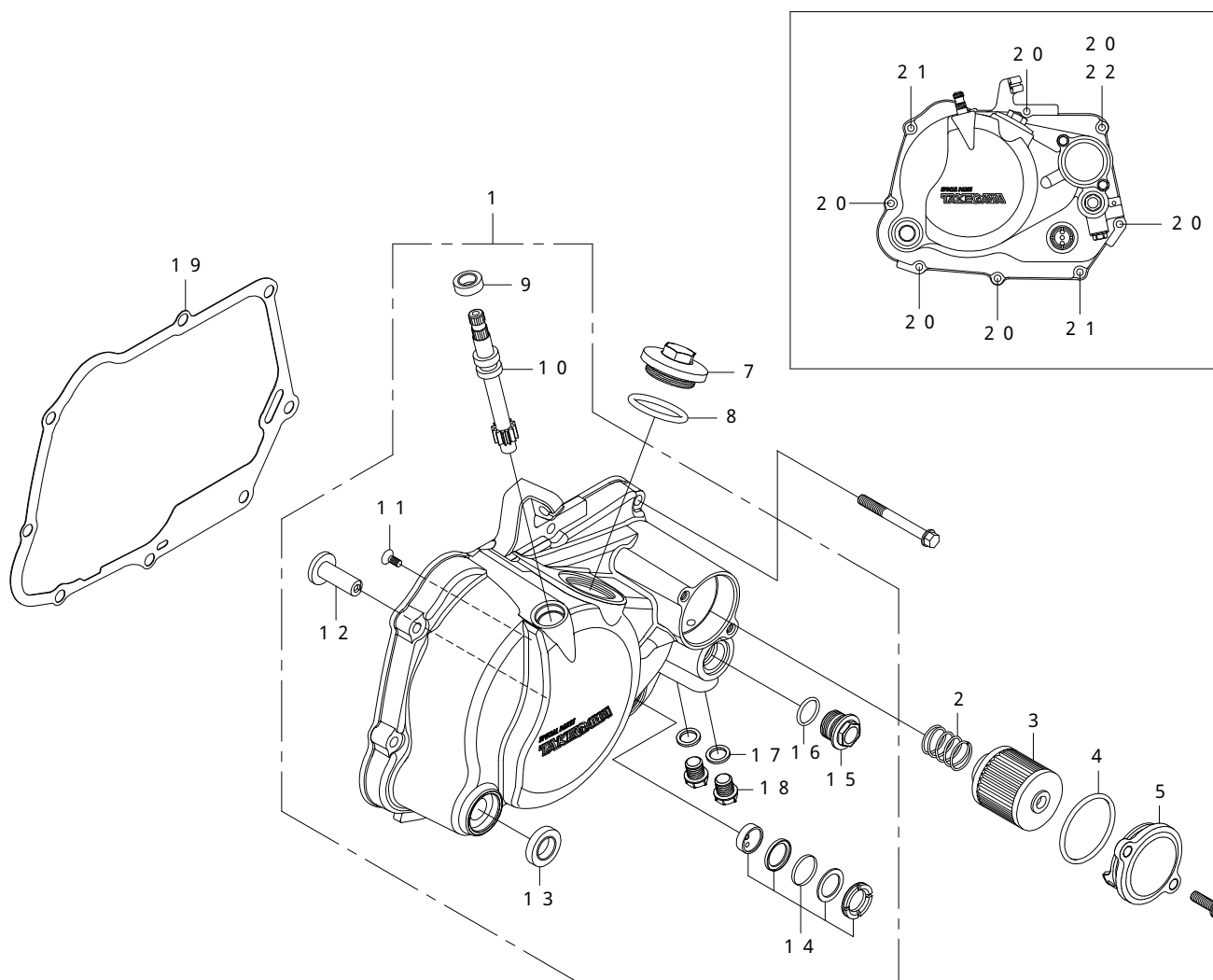
The following show the envisioned possibility of human death or serious injuries to human bodies as a result of disregarding the following cautions.

- Always start the engine in a well-ventilated place, and do not turn the engine on in an airtight place. (Otherwise, you will suffer from carbon monoxide poisoning.)
- When you notice something abnormal with your motorcycle while riding, stop riding immediately and park your motorcycle in a safe place. (Otherwise, the abnormality could lead to accidents.)
- Before doing work, make sure your bike is secure on level ground for safety's sake. (Otherwise, your motorcycle could overturn and injure you while you are working.)
- Check or carry out maintenance of your motorcycle correctly according to the procedures in the instruction manual or service manual. (Improper checking or maintenance could lead to accidents.)
- If you find damaged parts when checking and performing maintenance of your motorcycle, do not use these parts any longer, and replace them with new ones. (The continued use of these damaged parts as they are could lead to an accident.)
- As gasoline is highly flammable, never place it close to fire. Make sure that nothing flammable is near the gasoline. Since vaporized accumulation of gasoline is at high risk of explosion, work in a well-ventilated place. (Otherwise, it may cause a fire.)

Please note. Performance up, the design change, the product and the price in the cost up, etc. are subject to change without notice.

Please be informed that we shall be held harmless against any claim against us whatsoever arising out of use of the products in racing and the like. Keep this manual stored until this product is discarded.

Kit Contents



No.	Part Name	Qty	Repair Part Item No.	In packs of
1	Crankcase cover assembly	1	00-02-0130	1
2	Oil filter spring	1	15413-181-T00	1
3	Oil filter element	1	00-02-0027	1
4	O-Ring, 40 mm	1	00-02-0040	1
5	Oil filter cover	1	15412-GEF-T30	1
6	Flange bolt, 6x16	2	00-00-0174	6
7	Hole cap	1	09-06-0131 (with O-ring)	1
8	O-Ring, 30 mm	1	00-01-0034	4
9	Oil seal, 10x17x5	1	00-02-0006	1
10	Clutch release pinion	1	00-02-0033	1
11	Flat head screw, 4x10	1	00-00-0100	10
12	Clutch release rack	1	00-02-0039	1
13	Oil seal, 13.8x24x5	1	00-02-0032	1
14	Oil pot window set	1	00-02-0031	1
15	Thermostat hole cap	1	15411-GEF-T00	1
16	O-Ring, 15 mm	1	00-00-0185	5
17	Sealing washer, 10 mm	2	00-07-0010	10
18	Oil plug bolt	2	90145-GEY-T00	1
19	Right crankcase cover gasket	1	00-01-0095	1
20	Flange bolt, 6x25	6	00-00-0115	5
21	Flange bolt, 6x32	2	00-00-0206	5
22	Flange bolt, 6x70 (Only for C.D.I.motorcycle)	1	00-00-0188	4

Please note that in ordering repair parts, be sure to quote the Repair Part Item No. Otherwise, we may not be able to accept your orders. There are some parts, however, for which we are not in a position to accept your order in just the quantity to be used. In this case, please take them in the quantity packed.

Features

The clutch cover are made of die-cast aluminum.

The surface is buff-finished first, and then clear-painted.

A thermo unit using a spring, made of shape-memory alloy, can be installed as an optional extra. **(PATENTED STRUCTURE)**

We have used a clutch cable receiver integrated with a clutch cover.

This kit enables the flow of oil from the clutch cover to oil cooler.

This kit comes with a glass-type oil pot window with a high level of durability.

Safety Precautions for Use

A clutch cover alone isn't workable. A separately-sold Special Clutch Standard kit or a Special Clutch kit with an oil filter is necessary.

As for a motorcycle equipped with a Special Clutch kit with an oil filter, unfasten an upper engine mounting bolt and remove a clutch cable receiver. Be sure to use a stock bolt for an upper engine mounting bolt.

Please use an exclusive oil cooler unit, which is installed to the oil filter cover.

A conventional oil cooler hose cannot be used due to size difference. Please use the one for exclusive use with a die-cast cover.

An oil filter cover and a clutch release rack are for exclusive use with a die-cast cover. They are not compatible with the conventional ones.

If you are using an oil cooler kit to which an oil hose is connected from the cover on the side of the cylinder head, NEVER install a thermo unit or an oil hole plug. There is a possibility that the engine will be damaged due to the oil passage blockage.

A blind plug for a kick starter spindle differs from the conventional one in size. Please use the one for exclusive with a die-cast cover.

Please refer to a relative instruction manual for a thermo unit, an oil cooler, and so on.

Installation Procedures

In case a Special Clutch kit has already been installed: | In case a Special Clutch Standard kit is also to be

Removal of a Right Crankcase Cover

- 1 . Make sure the bike is secure on the sidestand on level ground for safety's sake.
- 2 . Prepare a tray. Remove the drain bolt to drain engine oil.
- 3 . Detach a rear brake adjusting nut, brake pedal spring, stop switch spring, step bar, and kick starter arm.
- 4 . Unfasten a clutch release arm bolt, and detach a clutch release arm, release arm spring and plain washer.
- 5 . Support the engine on a suitable stand and pull out an upper engine mounting bolt.
- 6 . Attach a stock engine mounting bolt and tighten the nut to the specified torque.

⚠ Caution: Apply the specified torque.

Torque: 25 N · m (2.5 kgf · m)

- 7 . Detach a bolt on the right crankcase cover, then a right crankcase cover, a right crankcase cover gasket, and two dowel pins.

installed at the same time:

Please assemble the kit referring to the instruction manual for the Special Clutch Standard kit

Installation of Right Crankcase Cover

- 1 . Degrease the mating surfaces of the right crankcase cover and crankcase, and attach two dowel pins and a gasket.
Then wipe out thoroughly the gasket material remaining on the mating surfaces.
Detach an oil filter screen and clean it.
- 2 . Install the right crankcase cover, taking care not to damage the oil seals of the kick starter spindle and the crankshaft.
- 3 . Tighten eight flange bolts diagonally in a few steps.

⚠ Caution: Apply the specified torque.

Torque: 10 N · m (1.0 kgf · m)

The bolt length differs between a point-type and a C.D.I.-type motorcycles.

- 4 . Place the oil filter spring on the protrusion of the right-side crankcase cover oil filter.
Insert the oil filter into the protrusion of the oil filter cover. Apply engine oil to the O-ring of the oil filter cover, and install the oil filter element, 40mm O-ring and oil filter cover to the right-side crankcase cover, being careful that the O-ring does not get out of position.
And fix and tighten the flange bolt to the specified torque.

⚠ Caution: Apply the specified torque.

Torque: 9 N · m (0.9 kgf · m)

- 5 . Tighten the drain bolt to the specified torque, and add 800 cc of engine oil.

⚠ Caution: Apply the specified torque.

Torque: 21.5 N · m (2.2 kgf · m)

Apply engine oil to the O-rings of the hole cap, and tighten the cap to the specified torque.

⚠ Caution: Apply the specified torque.

Torque: 12 N · m (1.2 kgf · m)

In case the crankcase is to be disassembled, add 850cc of engine oil. Viscosities and amount of engine oil will have an effect on the shifting of clutch engagement. Take care not to use too viscous engine oil or inject too much of engine oil. Additionally, don't mix too much of molybdenum, etc. which may cause clutch slippage.

Installation of Clutch Cable

- 1 . Attach the clutch cable to the clutch lever, and route the cable to the clutch cable receiver, being careful not to stretch it too tight.
- 2 . Attach the adjuster of the clutch cable to the cable receiver, and attach the cable end to the arm so the notch on the split clamp of clutch release arm faces backward.
- 3 . Rotate the clutch release pinion clockwise till it comes to a halt and place the plain washer into the release pinion.
- 4 . Place the release arm spring in the clutch release arm, and insert it into the release pinion with the inner cable stretched, and hang the arm spring on the right crankcase cover.
- 5 . Attach the flange bolt to the release arm, and tighten the bolt to the specified torque with the arm pressed in.

⚠ Caution: Apply the specified torque.

Torque: 10 N · m (1.0 kgf · m)

- 6 . Adjust the free play at the clutch with the adjuster on the clutch cable, then tighten the locking nuts to the specified torque, and cover the clutch cable adjusters at both ends with rubber caps.

⚠ Caution: Apply the specified torque.

Torque: 10 N · m (1.0 kgf · m)

Adjust the free play at the clutch lever end to be 10 to 20 mm.

- 7 . Reinstall the removed parts back in the reverse order of removal. Please refer to the instruction manual for the clutch cable.

Rechecking after Installation

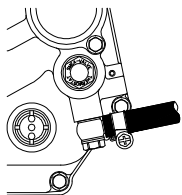
- 1 . With the engine turned off, shift the transmission to the first gear. And holding the clutch lever, check that the rear wheel rotates when you move the machine, and that the rear wheel does not rotate when you have released the clutch lever.
- 2 . Shift the transmission into NEUTRAL, and start the engine. Then check each section for oil leak. If nothing is wrong, do a test run at slow speed in a safe place to check the clutch operation.

Important Notice

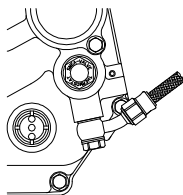
Oil Cooler Installation

In case the thermo unit is to be installed:

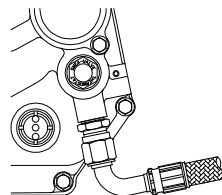
- 1 . Install the thermo unit.
- 2 . Unfasten two oil plug bolts, and install an adapter suitable for the kind of hose you will use. Then connect the hose. Please see the thermo unit instruction manual. Please see the oil cooler kit and the adapter instruction manuals.



Rubber hose



Slim line hose



Allegri hose

In case the oil hose is to be installed on the cylinder head side:

⚠ **Caution : NEVER install a thermo unit or an oil hole plug if you do not connect an oil hose to the clutch cover.**

There is a possibility that the engine is damaged due to the oil passage blockage.

In case an oil cooler is not installed:

NEVER install a thermo unit or an oil hole plug. And in case the thermo unit and/or an oil hole plug is installed, DO be sure to remove it or them.

⚠ **Caution : There is a possibility that the engine is damaged because the oil passage will be blocked when the thermo unit or an oil hole plug is installed.**

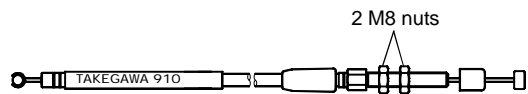
< Caution: About clutch cable >

If the clutch cable for a special clutch, which you have purchased separately, is the old type, the cable has one nut on the adjuster. However, two nuts on the adjuster are needed for this clutch cover.

Therefore, you are requested either to attach a split nut (M8) to the old-type clutch cable or purchase a clutch cable with two nuts.



Item No.: 00-00-0192



Item No.: 22870-181-T20

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