



Instruction Manual for Compact Cool Oil Cooler Kit

(Mount-on-Frame, Rubber Hose Type)

Item No. : 09 - 07 - 2711 3-fin, silver (for die-cast clutch cover)
: 09 - 07 - 2712 4-fin, silver (for die-cast clutch cover)
Fits : Monkey · Monkey (FI) / BAJA · Gorilla (Models equipped with a die-cast clutch cover)

- Thank you for purchasing one of our TAKEGAWA-made products. Please strictly follow the following instructions in installing and using the kit.
- Before installing the kit, please be sure to check the kit 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 instructions before 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 requested not to contact us about the combination of our products with other manufacturers'.

Please note that this kit is designed for exclusive use in the above-mentioned models with above mentioned frame numbers but equipped with our TAKEGAWA-made die-cast clutch cover and that it cannot be mounted on any other models.

Please order repair parts referring to Item Nos and reference Nos described in this manual. Should you have any questions about the products, please kindly contact your local motorcycle dealer.

Installation of this kit requires detachment and reinstallation of a tank and other work. We recommend you to refer to the relative HONDA service manual for the correct work.

A ring on the frame harness needs to be either bent or cut off for the installation of this kit. Additionally, a harness wire clip needs to be removed. However, all these do not affect the safe driving at all.

You cannot use this Kit when a standard exhaust system is in use on your motorcycle.



CAUTION

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

- Always try to drive your motorcycle at a legal speed, abiding by the laws.
- Work only when the engine and muffler are cool. (Otherwise, you will get burned.)
- Do the installation with right tools. (Otherwise, breakage of parts or injuries to you 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 hardware 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.)
- Always use new gaskets and packings. And check those parts, to be reused, for wear and damage. If you find worn or damaged parts, replace them with new ones.
- As the installation of this kit has to do with lubricant agents, be sure to check oil level before starting the engine. If the oil level is low, add the oil. Moreover, change the oil when the bike already travelled the distance to the point where the oil change is stipulated in the service manual.



WARNING

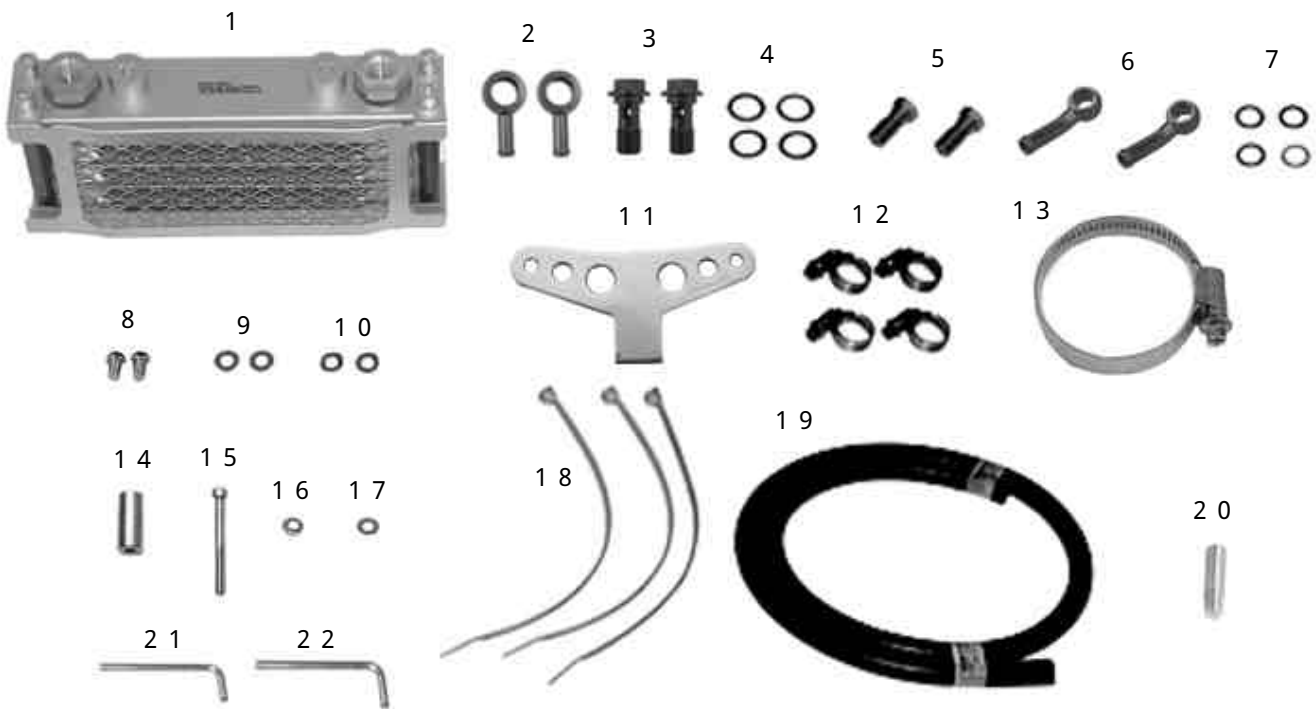
The following show the envisioned possibility of human death or serious injuries to human bodies as a result of disregarding the following warnings.

- Always start the engine in a well-ventilated place, and do not turn on the engine in an airtight place. (Otherwise, you will suffer from carbon monoxide poisoning.)
- When you notice something abnormal with your motorcycle while riding, immediately stop riding and park your motorcycle in a safe place to check what has gone wrong. (Otherwise, the abnormality could lead to accidents.)
- Before doing work, make sure your motorcycle 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 accidents.)
- Keep plastic bags for packing the products out of children's reach, or discard them. (If children get them on, there will be a danger of their suffocating.)
- 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 be informed that, mainly because of improvement in performance, design changes, and cost increase, the product specifications and prices are subject to change without prior notice.

This manual should be retained for future reference.

~ Kit Contents ~



No.	Part Name	Qty	Repair Part Item No.	In the units of
1	Oil cooler COMP. (4-fin Compact Cool)	1	00-07-0008	1
	Oil cooler COMP. (3-fin Compact Cool)	1	00-07-0055	1
2	Oil cooler banjo, M12	2	15620-000-T20	1
3	Oil cooler banjo bolt, M12	2	00-07-0034	1
4	Sealing washer, 14 mm	4	00-07-0042	5
5	Banjo bolt, M10	2	00-07-0038	1
6	Banjoe, M10 (30°)	2	15661-KTK-T00	1
7	Sealing washer, 10 mm	4	00-07-0010	10
8	Button head socket cap screw, 6 x 10	2	00-00-0092	5
9	Plain washer, 6 mm	2	00-00-0086	10
10	Spring washer, 6 mm	2	00-00-0203	10
11	Oil cooler bracket	1	15670-165-T10	1
12	Hose clamp	4	00-00-0052	2
13	Clamp band	1	00-00-0051	1
14	Ignition coil collar	1	30511-GAR-T00	1
15	Cap screw, 5 x 50	1	00-00-0204	5
16	Spring washer, 5 mm	1	00-00-0043	10
17	Plain washer, 5 mm	1	00-00-0118	10
18	Insulation lock, 250 mm	3	00-00-0202	10
19	Oil hose 1000 mm	1	00-07-0018	1
20	Oil hole plug	1	19331-GEF-T00	1
21	Hex wrench, 4 mm	1	_____	/
22	Hex wrench, 5 mm	1	_____	

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.

Safety Precautions for Using the Oil Cooler Kit

When the oil hose is connected to the clutch cover, be sure to install a supplied oil hole plug or an extra-cost thermo unit (Item No.02-01-5052).

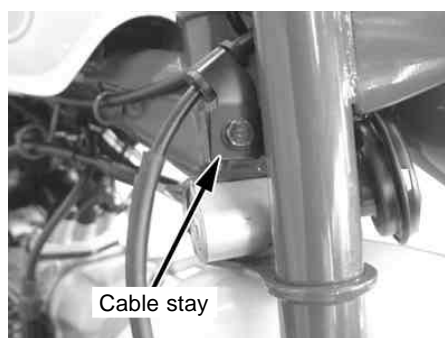
Please take note that when neither of them is installed, the engine oil will not circulate through the oil cooler.

~ Installation Instructions ~

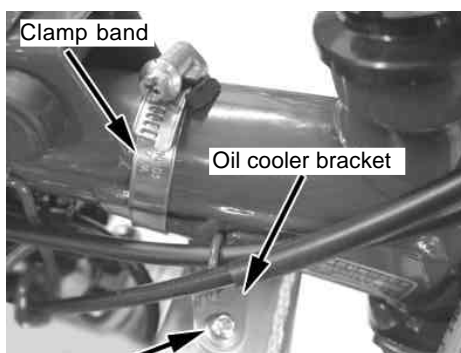
In the case of the FI Monkey:

The oil cooler and brake wire will interfere with each other, if this Kit is installed onto a standard front fork and if nothing is done against the interference.

Referring to the photo below, remove a standard cable bracket, and attach the cable with an included insulation lock.

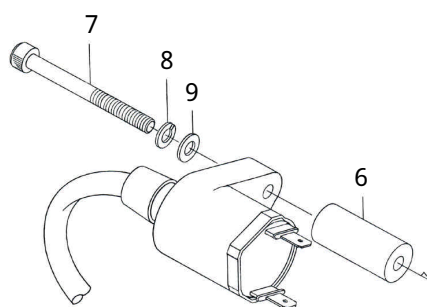


- 1 . Make sure the bike is secure on level ground.
- 2 . Referring to a service manual, remove a seat and fuel tank.
- 3 . Place the provided oil cooler bracket at the rear end of a flat surface on the downside of the frame with the folded-back side of the bracket facing downward. Secure the frame and the oil cooler bracket with a clamp band. At this point, fix the clamp band on the upside of the frame so its thread part will be under the tank. At the same time, set the wire and harness to be under the bracket.



Button head screw 6 X 10
T=14N · m(1.4kgf · m)

- 4 . In the case of Monkey BAJA:
Detach the ignition coil, and install it with a collar in a position so its cord faces rearward, or in the reverse position.
NOTE : Be sure to follow the specified torque.
Torque: 5 N·m (0.5 kgf·m)

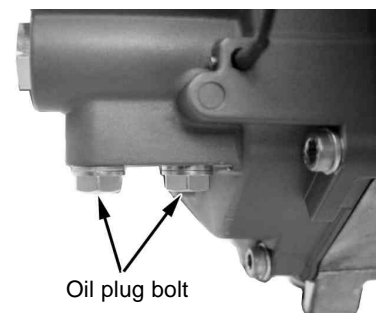


- 5 . Secure the oil cooler COMP. to the oil cooler bracket with a 6 x 10 button head screw and 6mm spring washer. Run the wire harness in between the oil cooler bracket and the oil cooler. Please check that the oil cooler COMP. is horizontal when viewed from the front and vertical when viewed from the side. When it is tilting to one side, adjust the position slowly, holding it. And tighten it up.

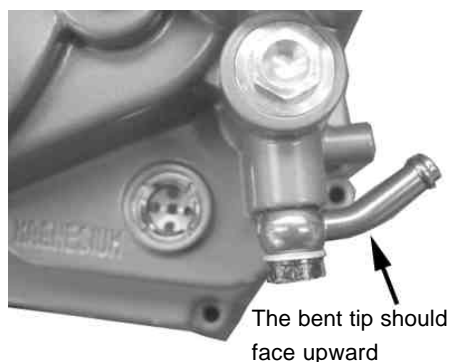
NOTE : Be sure to follow the specified torque.

Torque: 14 N·m (1.4 kgf·m)

- 6 . Place an oil container under the clutch cover, and remove two oil plug bolts.
At the time the bolts are removed, the oil in the oil filter may leak.
(That is why we recommend you to prepare an oil container.)



- 7 . Place one each sealing washer on both sides of an M10 banjo (30 degrees), and install it loosely onto a clutch cover. (Install the banjo with the bent tip facing upward.)



8 . Put an M12 oil cooler banjo in between two 14mm sealing washers, and attach it to the oil cooler with an M12 oil cooler banjo bolt loosely for now.

The tightening of the bolt, with the sealing washer being out of recessed portion, causes the oil to leak.

9 . Cut off the oil hose to the proper length. Slide a hose clamp over the oil hose, being careful that the hose does not interfere with other parts. And put the hose into an oil cooler union and union.

And then, tighten the hose clamp, and join together hoses with the included two insulation locks.

When a Z-Style exhaust system is installed, route the hose so it does not interfere with the exhaust system.

It is advisable, prior to cutting the hose, to see where to route the oil hose and how long it should be.

Coating slightly of the union with oil makes it easy to insert the oil hose to the union.

If you have coated the union with oil, thoroughly wipe off the excess oil that will squeeze out.



10 . Adjust the direction of the banjos and fasten the M10 and M12 banjo bolts.
NOTE : Be sure to follow the specified torque.

For M12 banjo bolt:

Torque: 22.5 N·m (2.3 kgf·m)

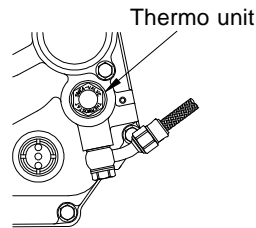
For M10 banjo bolt:

Torque: 14 N·m (1.4 kgf·m)

Caution : Tighten the M12 banjo bolt with a spanner on the oil cooler header (the hex portion).

11 . Check every hardware for slack, and reinstall the fuel tank and seat.

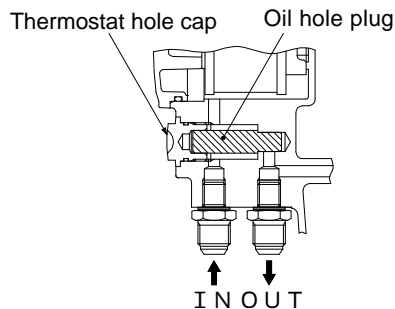
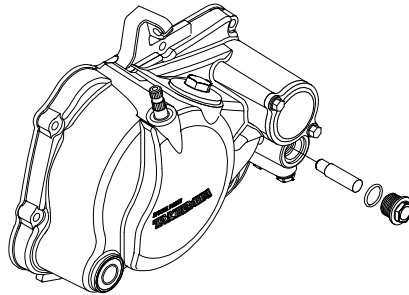
12 . (In the case of installing a thermo unit)
Detach the hole cap and fix a thermo unit.
Please see the instruction manual for the thermo unit.



(In the case of not installing the thermo unit)

- Detach the thermostat hole cap, and fit a supplied oil hole plug into the oil hole.
- Apply engine oil to the O-rings of the thermostat hole cap, and tighten the hole cap to the specified torque.

Torque: 13 N·m (1.3 kgf·m)



13 . Add about 40cc of engine oil to a 3-fin oil cooler, or about 60cc of engine oil to a 4-fin oil cooler, and then start the engine.
After checking each section for oil leakage, stop the engine and wait for about one minute. Then check the level of remaining oil through an oil pot window in the clutch case cover.
If the level is too low, add engine oil without fail.

⚠ NOTE

When the cooler hose is detached from the clutch cover and the plug bolt is fastened (=the same state as at the time of your purchase), be sure to remove either the oil hole plug or thermo unit whichever remains installed.

When you start the engine with either of them still being installed, there is a possibility that the engine will break down because of the oil passage blockage.

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