



27 2-Piece Front Fork + Disk Brake Kit for 8 inch Wheel

(for bar handle Fork width 174mm / Offset 60mm)

- Thank you for purchasing one of our 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: Illustrations and photos may vary from the actual hardware.

Item No. : 0 6 - 0 1 - 0 2 0 4 (With fender)
: 0 6 0 1 0 2 0 5 (Without fender)

Fitting models and frame No.:

Monkey and Gorilla : Z50J-1300017 ~
: AB27-1000001 ~
Monkey (FI) : AB27-1900001 ~

Features

Fork width 174mm, Offset 60mm.
60mm offset can extend the wheelbase and increase the stability.
Machined and lightweight triple clamp.
Buffed and polished finish.
Included handle bar holder
Anodized stem nut.
Included steering lock bracket.

Read all instructions first 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 this Instruction 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'.

For disassembly and installation, please be sure to refer to a HONDA's service manual for the Monkey.

This Kit is for an 8inch wheel only.

A headlight stay, turn-signal stay, or steering handle are not included in this Kit, which please purchase separately.

For a headlight stay, please use our aluminum headlight stay of either 09-03-007, 008 or 09-03-07S.

This kit cannot be installed on a stock-carburator motorcycle because a throttle cannot be used. Therefore, it is necessary to separately prepare parts to use this Kit.

Please fill the brake fluid to upper level of master cylinder.



CAUTION

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

- Make sure the motorcycle is secure on level ground during installation. (Otherwise, the motorcycle may overturn and injure you.)
- 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.)
- Do the installation with right tools.
- When unfastening a fork top bolt, please take note that there is a danger of the top bolt coming off flying, sprung by a fork spring.
- As some products and frames have sharp edges or protruding portions, please work with your hands protected.
(Otherwise, you will suffer injuries.)
- Work with care so the brake fluid will not get on your skin. After the work, rinse your hands thoroughly with plenty of water.
(Otherwise, your hands may get rough and dry.)
- Please handle the brake fluid with great care, because the brake fluid, if spilled on painted surfaces, resin parts, or rubber products, will deteriorate or damage these parts. If the fluid is spilled on these parts, wash them immediately with water. Otherwise, the spill of the brake fluid will damage or deteriorate these parts.



WARNING

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

- Those who are technically unskilled or inexperienced are required not to do the work.
(Improper installation because of insufficient skill or knowledge could lead to parts breakage and subsequently to accidents.)
- Before riding, always check every hardware for slack. 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 malfunction could lead to accidents.)
- Before riding, always check every hardware for slack in parts like bolts and nuts and for oil leak. And whenever you notice something abnormal while riding, NEVER keep on riding without fixing your motorcycle.
- Use only the specified brand of brake fluid. Do not mix different types of fluid, as they are not compatible with each other.
(The blended use of fluid may cause technical troubles or chemical change.)
- Never let the oil or grease adhere to a brake-disk rotor or brake pad. Should oil or grease adheres, degrease the rotor or change the pad.
(Otherwise, this may lead to accidents.)
- We recommend you to get the brake installed by a skilled mechanic at facilities with special instruments and tools. Otherwise, the wrong installation will cause accidents.

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.

The following our parts are necessary for changing to a disk brake on the front wheel through the use of this Kit.

A mirror with a 10mm thread (in packs of one)
 Oval-shaped sliding-type mirror (06-01-110)
 NC31-type mirror (06-01-111)
 Square sliding-type mirror (06-01-112)
 Mini mirror (for right side) (06-01-113)
 Mirror adaptor (in packs of two) (06-01-100)

This adaptor is needed only when a genuine mirror and a mirror with an 8mm thread are used.

If a front brake is changed to a hydraulic disk, it is necessary to remove a stock throttle housing integrated with a brake lever in order to install a front brake master cylinder. Therefore, either our high throttle set or a Honda's genuine part is necessary.

Our products:

High throttle set (810mm-long cable) (09-02-0221)

High throttle set (700mm-long cable) (09-02-021)

These products are for use with our Carburetor Kit, excluding KEIHIN PC18 carburetor.

Honda-made genuine parts:

Throttle housing (1 piece) (53168-166-000)

Throttle housing (1 piece) (53167-GE4-000)

Pan screw, 5 x 22 (2 pieces) (93500-05022-0G)

These products are for use with a stock carburetor and our KEIHIN PC18 carburetor.

In the case of installing this Kit to motorcycles with frame Nos Z50J-1300017 to 1510400, the following parts are additionally needed.

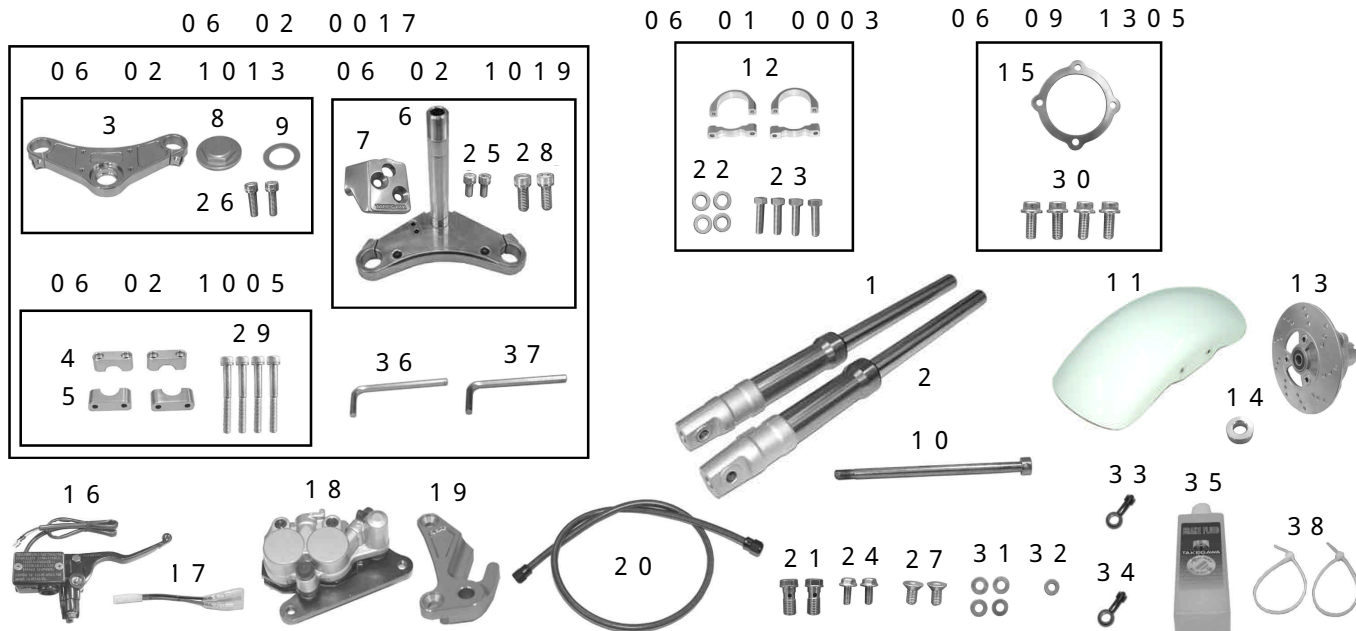
For a motorcycle with a centrifugal clutch:

Combination switch assembly (02-01-015)

For a motorcycle with a manual clutch:

Clutch lever and combination switch assembly (02-01-016)

Kit includes:



No.	Part Name	Qty	Repair Part Item No.	in packs of	No.	Part Name	Qty	Repair Part Item No.	in packs of
1	Left front fork assembly	1	51508-GEF-T01	1	20	Brake hose, 775mm	1	06-080-0007	1
2	Right front fork assembly	1	51408-GEF-T01	1	21	Banjo bolt	2	00-07-0007	1
3	Fork top bridge	1			* 22	Plain washer, 5 mm	4	00-00-0118	10
4	Upper handle holder	2	54411-165-T00	1	* 23	Hex bolt, 5 x 20	4	00-00-0113	5
5	Lower handle holder	2	54412-165-T00	1	24	Flange bolt, 6 x 15	2	00-00-0114	4
6	Steering stem	1			25	Socket cap screw, 6 x 12	2	00-00-0116	6
7	Steering lock bracket	1	53601-GEF-T00	1	26	Socket cap screw, 6 x 20	2	00-00-0043	10
8	Stem nut	1	54303-165-T00	1	27	Flat head cap screw, 8 x 16	2	00-00-0239	4
9	Stem nut washer	1	90503-165-T00	1	28	Socket cap screw, 8 x 25	2	00-00-0075	4
10	Front axle shaft	1	44301-124-T00	1	29	Socket cap screw, 6 x 50	4	00-00-0044	3
* 11	Front fender	1	61100-181-T00	1	30	Flange cap screw, 8 x 20	4	00-00-0238	4
* 12	Front fender bracket	2	61102-181-T00	1	31	Sealing washeer	4	00-07-0010	10
13	Front wheel hub assembly	1	44500-181-T00	1	32	Plain washer, 6 mm	1	00-00-0086	10
14	Collar, 7.5 mm	1	44310-181-T00	1	33	Banjoe (25°)	1	00-07-0037	1
15	Wheel spacer, 3 mm	1	44600-181-T10	1	34	Brake fluid (BF-4)	1	06-08-0019	1
16	Front brake master cylinder assembly	1	06-08-1168	1	35	Brake fluid (DOT-4)	1	06-08-0019	1
17	Sub-cord	1	37600-KCZ-T00	1	36	Hex wrench, 5 mm	1		
18	Front caliper assembly	1	06-08-115	1	37	Hex wrench, 6 mm	1		
19	Front caliper bracket	1	45231-165-T02	1	38	Insulation lock, 200 mm	2	00-00-0179	10

Please order repair parts with the Repair Part Item No. Without the repair part item NO., we may not be able to accept your orders.

Some parts are only available as a set. In this case, please order them with the set number.

Item numbers marked with an asterisk are not included in the Kit of 06-01-0205.

~ Installation Instructions ~

Disassembly:

- 1 . Loosen an axle nut on the front wheel.
- 2 . Before starting the work, stand your motorcycle securely on a rear maintenance stand and on a suitable pedestal placed under the engine.
Choose a pedestal of a height so the front wheel is just off the ground.
- 3 . Unfasten a pan screw from the headlight, and disconnect the cables of a stop lamp switch and turn signal switch.
- 4 . Unfasten a pan screw from the throttle housing to remove the throttle housing and throttle pipe.
- 5 . Unfasten a pan screw from the turn-signal switch to remove the switch.
- 6 . Unfasten right and left bolts on the headlight case to remove the headlight.
- 7 . Remove a horn and turn signals.
- 8 . Pull out an axle shaft and detach a front wheel.
- 9 . Unfasten a nut on the lower handle holder on the reverse side of the top bridge, and demount a steering handle assembly.
- 10 . Unfasten a fork bolt, stem nut and washer to remove the top bridge.
- 11 . Remove a top thread and then a fork assembly.
Be careful not to lose bearing balls.
- 12 . Remove a handle lock from a stock steering stem, which please attach to a steering lock bracket.

⚠ Caution: Apply the specified torque.
Torque: 9 N · m (0.9 kgf · m)



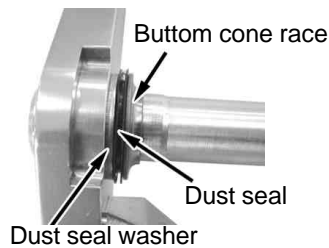
Installation:

- 13 . Install the steering lock bracket to the steering stem with a 6x12 socket cap screw.

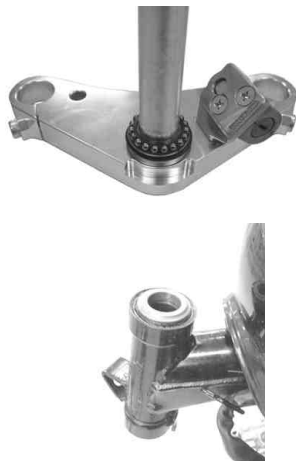
⚠ Caution: Apply the specified torque.
Torque: 12 N · m (1.2 kgf · m)



- 14 . Remove a bottom cone race on the steering stem with a punch driver or a chisel, and detach a dust seal and a dust seal washer.
And attach the dust seal washer, dust seal, and bottom cone race to the duralumin stem shaft.



- 15 . Apply grease to the top cone race and bottom cone race, and attach the bearing to the steering stem and head pipe, and then the top cone race to the head pipe.
In case the balls are not set in the bearing, then install 21 balls each to the bottom cone race and top cone race.
First wash the bearing with wash oil before applying grease, and keep the bearing free of dirt and dust.



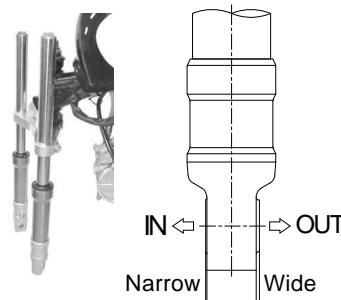
- 16 . Fit the steering stem into the head pipe, and finger tighten the top thread as tight as possible. Move it several times to the right and left so the bearing may fit right. Give it 1/8 turns backward and check that it moves smoothly without being shaky.



- 17 . Fit the front fork to the steering stem with the whirl stop on the axle holder on the right viewed in the direction of travel.
And tighten an 8x20 steering-stem split clamp bolt loosely for the moment.



- 18 . Fit the front fork on the left side in the same way as you fitted the one on the right side.
Protruding "Wide" should be installed outside.
In case a front-fork clamp-type headlight stay is used, fit the headlight stay into the front fork.



- 19 . Routing the wire harness in the same way as the stock one, fit the top bridge into the front fork and stem shaft.
And attach the stem washer and tighten the stem nut to the specified torque.

⚠ Caution: Apply the specified torque.
Torque: 59 N · m (6.0 kgf · m)



- 20 . Loosen the split clamp bolt on the steering stem, and adjust the inner tube to protrude 30 mm as illustrated in the photo below.
Adjust the right and left front forks, one by one, to protrude in the same length.



- 21 . Tighten the split clamp bolt on the steering stem to the specified torque.

⚠ Caution: Apply the specified torque.
Torque: 26 N · m (2.7 kgf · m)

- 22 . Tighten a 6x20 split clamp bolt on the top bridge to the specified torque.

⚠ Caution: Apply the specified torque.
Torque: 12 N · m (1.2 kgf · m)

- 2 3 . Fit a steering handle pipe into the handle holder and install it to the top bridge. Tighten a 6x50 socket cap screw on the handle holder to the specified torque.

⚠Caution: Apply the specified torque.

Torque: 12 N·m (1.2 kgf·m)

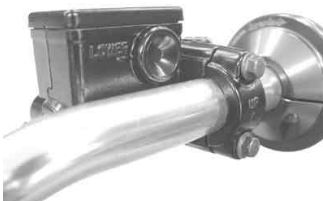
Tighten the handle holders to be spaced equally in the front and at the back.



- 2 4 . Install to the steering handle a master cylinder assembly, a turn signal switch (or, a combination switch) and a left-hand grip.

⚠Caution: Apply the specified torque.

4 N·m (0.4 kgf·m)
for a pan screw on the turn-signal switch
12 N·m (1.2 kgf·m)
for a flange bolt on the master cylinder assembly



- 2 5 . Install a horn. (The photo below shows the horn attached to the steering stem.) If you install the horn to the steering stem, fold back the stay as shown in the photo below, and fix it by tightening a 6x15 flange bolt to the specified torque.

⚠Caution: Apply the specified torque.

Torque: 12 N·m (1.2 kgf·m)



- 2 6 . (06-01-0156)

As shown in the photo below, fix a front fender and a bracket with 5x20 hex bolts loosely for now.



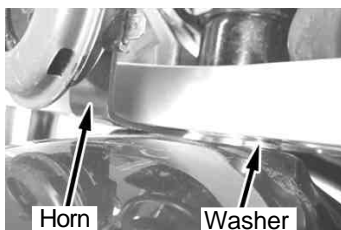
- (06-01-0157)

Install the stock front fender and bolt.

In case you use a stock front fender and install the horn to the steering stem, sandwich the horn between the front fender and steering stem. On the other side, sandwiching the 6mm plain washer, install the horn with a 6x15 flange bolt.

⚠Caution: Apply the specified torque.

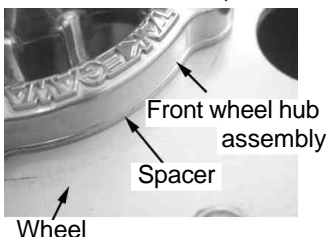
Torque: 12 N·m (1.2 kgf·m)



- 2 7 . Unfasten a nut holding a front wheel hub and a wheel to take them apart.

- 2 8 . Placing a spacer between the wheel and hub, install a TAKEGAWA-made front wheel hub assembly to the wheel with an 8x20 flange cap screw loosely for now so the air valve is on the opposite side of a disk rotor.

In case you are using our TAKEGAWA-made 8inch aluminum wheel, there is no need to use the spacer.



- 2 9 . Install the caliper to the disk rotor.



- 3 0 . Attach the caliper to a caliper bracket and fasten it with an 8x16 flat head cap screw.

⚠Caution: Apply the specified torque.

Torque: 25 N·m (2.5 kgf·m)

Apply thread lock cement to the thread of the bolt.



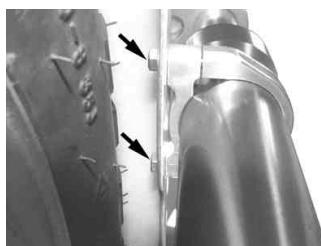
- 3 1 . Align the concave portion of the caliper bracket with the convex portion of the front fork. And pass the supplied axle shaft, from the right side viewed in the direction of travel, through the front fork, caliper bracket, front wheel assembly, meter gear, collar and front fork in this order. And tighten it loosely for now.



- 3 2 . Adjust the height of the front fender, and then tighten the bolt on the bracket.

⚠Caution: Apply the specified torque.

Torque: 5 N·m (0.5 kgf·m)



- 3 3 . Tighten up the flange cap screw to fasten the wheel and hub together.

⚠Caution: Apply the specified torque.

Torque: 25 N·m (2.5 kgf·m)



- 3 4 . Pass a sealing washer, a banjo (straight), and a sealing washer in this order through a banjo bolt, and fix and tighten it temporarily to a master cylinder.



- 3 5 . On the front caliper side, fix and tighten a banjo (2.5 ㉿) temporarily in the same way as above.



- 3 6 . Fix a brake hose to each banjo. After determining a banjo-mounting angle and how to connect the brake hose, tighten the banjo bolts and brake hose fittings to the specified torque.

⚠Caution: Apply the specified torque.

Torque: 6 N · m (0.6 kgf · m)

A brake hose must not be connected too tight to hamper the smooth steering or interfere with the front forks.

- 3 7 . Secure the brake hose with an insulation lock so it does not interfere with other parts, and cut off the excess portion of the hose with a nipper.

Fix the brake hose rather long or with some allowance so the hose does not stretch too tight when the motorcycle bounds or rebounds.

⚠Caution: Apply the specified torque.

**Torque: Banjo bolt
15 N · m (1.5 kgf · m)**

- 3 8 . Fix the throttle pipe to the steering handle.



- 3 9 . Loosely fix the throttle cable of the high throttle set to the lower throttle housing of the set, and install it to the throttle pipe.



- 4 0 . Install the upper throttle housing to the lower throttle housing by screwing up a pan screw to the specified torque.

⚠Caution: Apply the specified torque.

Torque: 4 N · m (0.4 kgf · m)



- 4 1 . Routing the throttle cable up to the carburetor just like the stock throttle cable was routed, attach the cable to the carburetor.

- 4 2 . Tighten a hex nut on the throttle cable.



- 4 3 . Install a headlight case to a headlight stay.

- 4 4 . Install turn signals.

⚠Caution: Apply the specified torque.

Torque: 12 N · m (1.2 kgf · m)

- 4 5 . Connect the cables of the stop switch sub-harness and turn-signal switch (combination switch).

When installing onto the Monkey (FI model), connect the stop switch sub-harness and a sub-cord, and then connect the sub cord and the stop switch harness from the main harness.

- 4 6 . Install a headlight to the headlight case and hold it securely with a pan screw.



- 4 7 . Demount the motorcycle from the rear maintenance stand and pedestal.

- 4 8 . Tighten the axle nut to the specified torque:

⚠Caution: Apply the specified torque.

**Torque: 40 ~ 50 N · m
(4.0 ~ 5.0 kgf · m)**

- 4 9 . Tighten up each part again to the specified torque.

- 5 0 . Let the air out of the brake. Please see the attached sheet for how to let the air out of the brake.

How to change the front fork oil:

- 1 . Loosen a fork top bolt.
- 2 . Loosen an axle nut on the front wheel, and detach only a nut.
- 3 . Before starting the work, stand your motorcycle securely on a rear maintenance stand and on a suitable pedestal placed under the engine. The work will be easier at the height obtained when your motorcycle stands with the front fork stretched to the fullest extent.
- 4 . Pull out the axle shaft to detach a front wheel.
- 5 . Loosen the split clamp bolts on the top bridge and stem to detach a fork.
- 6 . Detach a top bolt, being careful not to let it fly out. Prepare an oil pan, and stand the fork upside down to pull out the spring.
- 7 . Expand and contract the inner tube to drain the fork oil. (Leave the inner tube facing downwards for a few minutes.)
- 8 . Stand the front fork to inject fork oil.
Fork oil: No. 20
Fork oil amount: 68 cc per fork.
- 9 . Wipe off oil on the fork spring, and put in the spring with the narrower-pitched portion facing downwards. Attach the top bolt and tighten it loosely for the moment.
- 1 0 . Install the front fork to the stem and top bridge, and tighten the split clamp bolt loosely for now.
- 1 1 . Tighten the top bolt to the specified torque:

⚠Caution: Apply the specified torque.

Torque: 20 ~ 24 N · m (2.0 ~ 2.5 kgf · m)

- 1 2 . Tighten the split clamp bolts on the steering stem and top bridge to the specified torque.

⚠Caution: Apply the specified torque.

**Torque: 26 N · m (2.7 kgf · m) for steering stem,
12 N · m (1.2 kgf · m) for top bridge**

- 1 3 . Install the front wheel in the reverse order of disassembly.

⚠Caution: Apply the specified torque.

Torque: 62 N · m (6.3 kgf · m) for axle nut

SPECIAL PARTS TAKEGAWA Co.,Ltd.

3-5-16 Nishikiorihigashi Tondabayashi Osaka Japan

TEL : 81-721-25-1357 FAX : 81-721-24-5059

URL : <http://www.takegawa.co.jp>

How to bleed air from the brake system

Caution:

Do not allow any foreign materials to enter the system when filling the reservoir.

Always use fresh DOT 4 brake fluid from a sealed container when servicing the system.

NEVER reuse the drained brake fluid.

Always use new sealing washers.

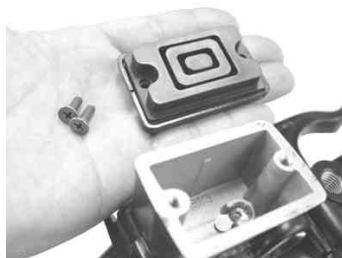
Avoid spilling fluid on painted, plastic, or rubber parts, otherwise it will cause damage. Place a rag over these parts whenever the system is serviced.

Once the hydraulic system has been opened, or the brake hose has been removed, or if the brake feels spongy, or if the air entered the system, the system must be bled.

Make sure that the specified torque is always correct.

Always use the designated brake fluid only.


Make sure that the master cylinder or reservoir is parallel to the ground, before removing the reservoir cover and cap.




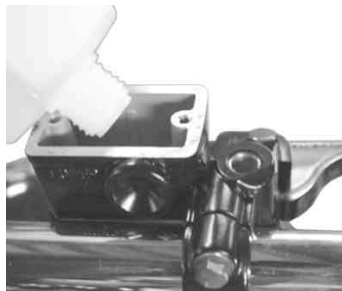
Connect a clear bleed hose to the bleed valve and receive the drained fluid in a catch can.



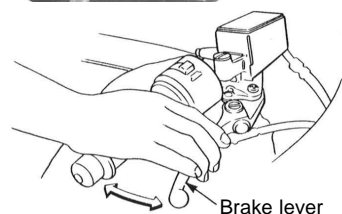
Fill the master cylinder with DOT 4 brake fluid to the upper level.

 Caution : Never allow contaminants(dirt, water, etc.) to get into an open reservoir.

 Caution: DO NOT mix different types of fluid.



Check the level of the fluid in the reservoir and refill to prevent the air from entering.



Warning:

Keep grease off of brake pads and disc.

If occurred, please change the pad and wipe it off from the disc.

Always use new ones whenever the parts are worn or damaged.

Pump up the system pressure with the lever until there are no air bubbles in the fluid flowing out the reservoir small hole and lever resistance is felt.

Pump the brake lever several times, then squeeze the brake lever all the way and loosen the bleed valve 1/2 turn.



Wait a few seconds and close the bleed valve.


Release the brake lever slowly and wait a few seconds after it reaches the end of its travel.

DO NOT release the brake lever until the bleed valve has been closed.

Repeat the steps 1-2 until there are no air bubbles in the bleed hose.

After bleeding air completely, tighten the bleed valves to the specified torque.



 Caution: Be sure to follow the specified torque.

Torque: 6 N · m (0.6 kgf · m)


Fill the brake fluid to keep the specified level.


Install the diaphragm and reservoir cover.

Tighten the reservoir cover screws properly.

Pump brake lever several time before you ride.



 Caution: Never let in the dust or water.

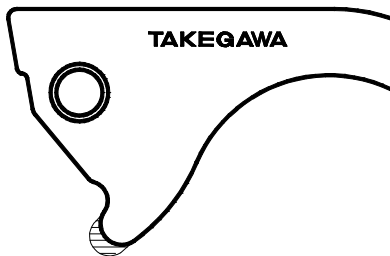
 Caution: Do not use brake fluid, mixing different types of fluid.

DOT 4 Brake oil

About the use of master cylinder

When you dismount the lever from the master cylinder, the looseness of the piston and the lever might be changed.

In that case, rasp the shaded area of the lever and adjust.



SPECIAL PARTS TAKEGAWA Co.,Ltd.