

Z-Style Exhaust system (TYPE-2) Instruction Manual

Product number 04-02-2308

Adaptation model Monkey · Gorilla (Z50J-1300017 ~)
(AB27-1000001 ~ 1899999)

Thank you for purchasing one of our products. Please strictly follow the instructions to install and use the kit.
Before installing the kit, please be sure to check the kit contents. If you have any questions about the kit, please contact your local TAKEGAWA dealer.

Before installation, please read this instruction manual carefully and understand the instructions fully.

Enjoy the sound and performance of this exhaust system distinct from a stock exhaust system.

◎ **Please note: Illustrations and photos may vary from actual hardware.**

☆ Please read carefully before use ☆

◎ The following show the envisioned possibility of injuries and damages to human bodies, and physical loss or damage as a result of disregarding the following cautions.

◎ We shall be held free from any kind of warranty whatsoever of products other than this product if the any defect takes place on the other products than this one after the installation and use of this product.

◎ This product is designed for exclusive use in the above-mentioned types of motorcycles and frame numbers only. Please take note that this product cannot be mounted on other types of motorcycles.

◎ Please refrain from combined use of this kit with any other part than the specified parts.

◎ Though a genuine exhaust system guard can be fixed as it is, processing is necessary as the guard-mounting portion is partially exposed.

◎ 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.)

◎ This product is designed for exclusive use with a stock kick starter arm. (In case of our kick starter, the arm will interfere with the genuine exhaust system guard.)

◎ Cannot be installed old type dry clutch kit (wire type)

Note: Can install our special clutch TYPE-R (WET/DRY) (wire type/hydraulic type) and 5 disc special clutch at the same time.

◎ Applicable rear shock is "stock" or our rear shock with chrome body. Other rear shocks may interfere the exhaust system.

NOTE: KYB MG/MGS, our rear shock with a cover and other manufacturer's rear shocks may interfere depending on the mounting position or angles of canister's end pipe or rear shock absorber. Be sure to check the size by yourself before installation.

◎ Cannot be used with our bore stroke up 138cc.

◎ leakage can be reduced by using a gasket agent for the connecting part. (but not eliminated completely.)

Please apply the recommended heat-resistant gasket agent when installing.

In addition, the heat-resistant gasket agent will deteriorate with use, so please perform maintenance frequently.

~ Features ~

○ This is a genuine-like up-exhaust system for the Monkey, to which a genuine exhaust system guard can be installed.

It improves the performance without altering the original look of the Monkey.

○ We have adopted a canister body and exhaust pipe, both made of stainless, to improve the appearance and durability.

○ This canister has a straight internal design, which features moderate sound volume and wide variety of use.

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

■ Please drive safely and follow the local traffic law.

■ Work only when the engine and the exhaust system are cool to avoid burns.

■ Prepare appropriate tools and work properly to avoid the breakage of parts or injuries.

■ Always use a torque wrench to tighten bolts and nuts securely to the specified torque to avoid these parts getting damaged or loose.

■ The product and the frame, might have edges or protrusions. When working, please wear work gloves to protect your hands.

(It may cause injury.)

■ Do water washing of an exhaust system only when it is cool. (Otherwise, the exhaust system may be cracked.)

■ Park your motorcycle in a place where pedestrians will not touch the exhaust system accidentally. Besides, please always be considerate enough not to park it in the way of pedestrians or moving vehicles.

(If you park your motorcycle on the sidewalk with its exhaust system on the pedestrians' side, the pedestrians may touch the exhaust system and get burned or suffer property loss.)

■ Before riding, always check such parts as screws for loose.

If you find loose ones, screw them securely up to the specified torque to avoid parts coming off.

■ This exhaust system is designed for exclusive use with a stock kick starter arm. TAKEGAWA's kick starter arm will interfere with the genuine exhaust system guard.

SPECIAL PARTS
TAKEGAWA

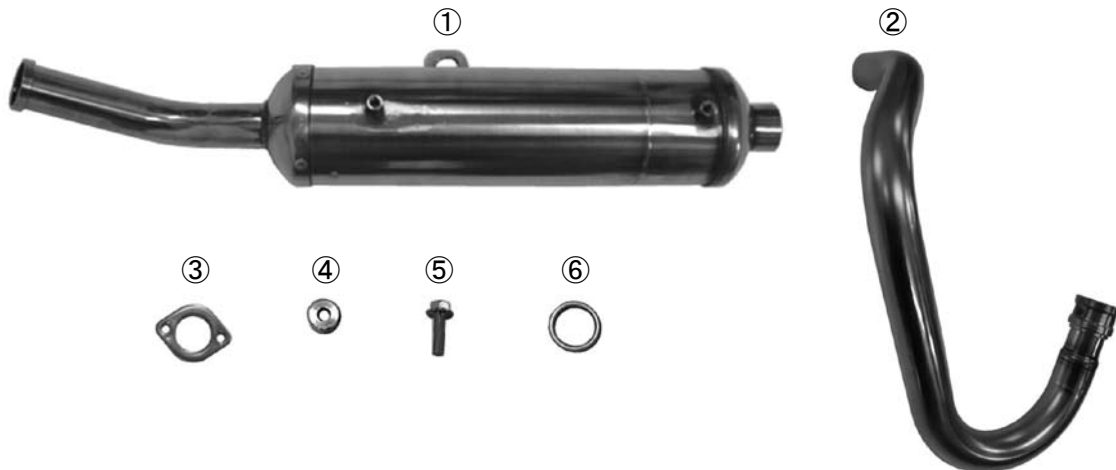
CONTACT Address : 3-5-16 Nishikiorihigashi Tondabayashi Osaka JAPAN
TEL: +81-721-25-1357 FAX: +81-721-24-5059 e-mail: english@takegawa.co.jp URL: http://www.takegawa.co.jp
Please contact with your name and country name provided. (Only English please)

Warning When the handling of ignoring this display people died, shows the contents of the serious injury possibility is assumed.

- Always drive the engine in a well-ventilated place, and do not switch the engine on in an airtight place.
(Otherwise, you will suffer from carbon monoxide poisoning.)
- Never look into the outlet of exhaust system when the engine is revolving.
(Otherwise, you will suffer from carbon monoxide poisoning or lose your sight.)
- When you notice something abnormal with your motorcycle, stop riding immediately and park your motorcycle in a safe place to avoid an accident.
- Before riding, be sure to always check the bank angle, and run with care not to bank the vehicle more steeply than the bank angle.
(Otherwise, there will be a danger of the motorcycle overturning.)
- The engine and the exhaust system are at high temperatures when the engine is revolving or for some time after the engine stopped. Therefore, never place flammable or hazardous materials such as gasoline near them.
(Otherwise, there will be a danger of causing fires.)
- Before working, place the motorcycle on level ground to stabilize its position for safety to avoid the motorcycle overturning.
- Check or perform maintenance of parts correctly according to the procedures in the instruction manual or a service manual.
(Improper checking or maintenance could lead to an accident.)
- If you find damaged parts when inspecting or performing maintenance of your motorcycle, do not use these parts, and replace them with new ones. (The continued use of these damaged parts could lead to accidents.)
- Keep plastic bags for packing products out of children's reach, or discard them.
(If children get them on, there will be a danger of their suffocating.)
- Basically, you can install this exhaust system in almost the same way as installing a stock exhaust system. Although a genuine exhaust system can be fixed, a guard for an exhaust pipe (right behind the engine exhaust) cannot be installed. So, please do be careful not to let your right leg touch the exhaust pipe when pressing down on the rear brake pedal.
Besides, do not ride the vehicle in an exposed style, such as in sandals. (It could lead to burn or 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.
- ◎ 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.
- ◎ We do not have any information or service data on the combination of our products and other manufacturer's products.
- ◎ You are requested to keep this instruction manual until you discard this product.

Product content



Number	Product content	Quantity	Item Number
1	Canister assembly	1	_____
2	Pipe COMP.	1	_____
3	Exhaust pipe flange	1	00-04-0121
4	Collar	1	00-00-2335
5	Flange bolt, 8x30	1	00-00-0181 (4 pcs)
6	Exhaust pipe gasket	1	00-01-0064 (2 pcs)

- ※ 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.

Stabilize the vehicle with a maintenance stand or the like in a safe and level place during work.

● Genuine Exhaust System Removal

○ Unscrew the bolts on the air cleaner stay.

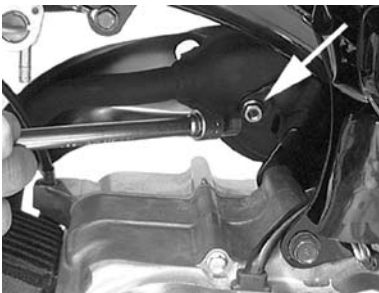
⚠ CAUTION : Work only when the engine and the exhaust system are cool.



○ Loosen the band which is clamping the carburetor and the air cleaner, and remove the air cleaner.



○ Unfasten the nut on the back side of the exhaust system.



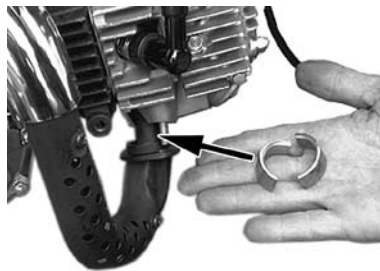
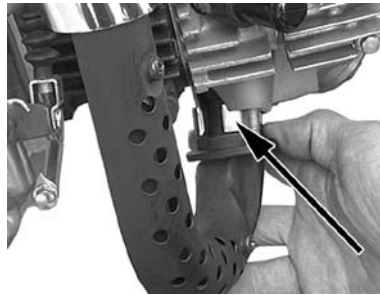
○ Unfasten two nuts on the exhaust pipe flange. Keep them for re-use. If the nuts are worn or damaged severely, replace them with new ones.



○ Unfasten the hex' bolt which is fixing the exhaust system.



○ After removing two collars on the exhaust flange, remove the exhaust system from the body by pulling it outward.



○ Remove the old exhaust pipe gasket remaining in the exhaust port.



○ Reinstall the removed air cleaner in the order opposite to its removal.

※ On a 12V motorcycle, never forget installing earth wires.

⚠ Note: Be sure that you protect specified torque.
Torque : 8 ~ 10N · m (0.8 ~ 1.0kgf · m)



● Genuine Exhaust System Guard Removal

○ Remove the exhaust system guard from the just-removed genuine exhaust system.

○ Unscrew all plus screws which are fixing the exhaust system guard to the exhaust system. Keep those screws for re-use. If the screws are worn or damaged severely, replace them with new ones.

※ CAUTION: Plus screws may be very tightly screwed, so unscrew them with enough care not to damage their heads.

○ Though the genuine exhaust system guard can be installed as it is, the bracket, which is fixing the guard on the exhaust pipe, gets exposed without processing. Therefore, cut off the unnecessary part.

※ CAUTION: Once the bracket is processed or cut off, the guard on the exhaust pipe of the normal exhaust system will be rendered not installable any more.



Cut off this part

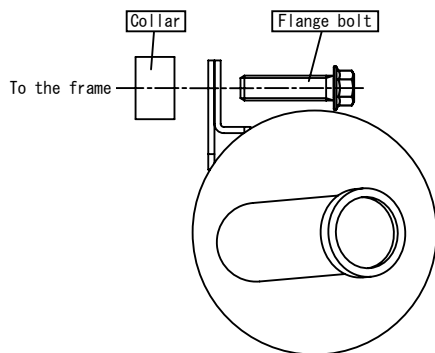
○ If the exposing portion is cut off, it is advisable to give a touch-up to the cut surface with a heat-resistant paint to prevent the surface from rusting.

● Z-Style Exhaust System Installation

- Insert and install a kit's exhaust pipe gasket to the exhaust port.

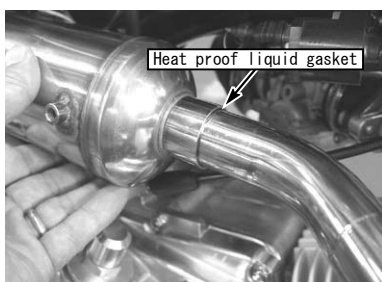


- Temporarily install the canister assembly to the vehicle in the following order. First, pass the rear end of the canister pipe from behind the upper part of the right-side rear shock absorber. Then put the flange bolt through the canister bracket. Finally, put the collar through it from behind and temporarily fix the canister on the frame.



- Put the exhaust pipe flange through the pipe COMP. Insert the pipe COMP. into the joint part of the silencer assembly, then insert the flange part into the engine and temporarily fix it using the genuine joint nut.

※ It is advisable to apply heat-resistant liquid gasket to the inserting portion. Recommended: heat resistant liquid gasket ThreeBond 1207B or the equivalent
Lock tight : 5699 or the equivalent



- Check the clearance between the exhaust pipe of canister and the rear fender, and then adjust the positions of the canister and the exhaust pipe so that they do not interfere with each other.



- Tighten the exhaust pipe flange nuts evenly to the specified torque with care not to let the canister and the exhaust pipe get out of the adjusted places.

⚠ Note: Be sure that you protect specified torque.
Exhaust pipe flange nut
Torque : 10 ~ 12N · m (1.0 ~ 1.2kgf · m)



- Next, tighten the flange bolt on the canister bracket to the specified torque.

⚠ Note: Be sure that you protect specified torque.
Flange bolt
Torque : 22N · m (2.3kgf · m)

- Install the genuine exhaust system guard. Reuse the genuine plus screws.

⚠ Note: Be sure that you protect specified torque.
Genuine screw
Torque : 6N · m (0.6kgf · m)



- Check for interference among the genuine exhaust system guard, the exhaust system, and the frame. If need be, loosen the screws and nuts on each section to adjust the positions to the extent that the adjusting does not place too much strain on the exhaust system. Then fix them.

● Final Checking

- Start the engine in a safe and well-ventilated place, and check for exhaust leak or interference.

⚠ WARNING: Be sure be preformed in a well-ventilated place.

- After stopping the engine and after each part has cooled down to the normal temperatures, re-tighten all screws and nuts to the specified torque.

⚠ Note: Always be performed cold state.
⚠ Note: Be sure that you protect specified torque.