



## D-Style Muffler Instruction Manual

Item No. : 0 4 - 0 2 - 0 4 3 1  
Applicable to : DAX 50 (12V)  
Frame No. : AB26-1000001 ~

Thank you for purchasing one of our TAKEGAWA's products. Please strictly follow the following instructions in installing and using the products. Before fitting the products, please be sure to check the contents of the kit. Should you have any questions about the products, please kindly contact your dealer. Before installation, please read this instruction manual carefully and understand the instructions fully. Enjoy the sound and performance of this muffler distinct from a stock muffler.

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

### ~ Features ~

This is a genuine-like up-muffler for the DAX 50, to which a genuine muffler guard can be installed.

It improves the performance without altering the original look of the DAX 50.

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

### Please read the following instructions before installation.

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 glitch 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.

This product is designed for exclusive use in a stock kick starter arm. (In case of TAKEGAWA's kick starter arm, the arm will interfere with the genuine muffler guard.)

This product should be used with a stock muffler protector. Or, no-installation of the protector may cause scalding. So, be sure to install the muffler protector.

This product is designed for absolute use with a genuine rear shock absorber. If other rear shock absorber is installed, please install this product with washers so the rear shock absorber and the muffler do not interfere with each other.

#### CAUTION

The following show the envisioned possibility of injuries and damages to human bodies, and property loss 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 the muffler are cool. (Otherwise, you will burn yourself.)
- Prepare right tools for the work, and do the work in the proper and right way.  
(Otherwise, improper work could cause breakage of parts or injuries to yourself.)
- Always use a torque wrench to screw bolts and nuts tight and securely to the specified torque.  
(Improper torque could cause these parts to get damaged or fall off.)
- As some products and frames have sharp-pointed or protruding portions, please work with your hands protected.  
(Otherwise, you will suffer injuries.)
- Do water washing of a muffler only when it is cool. (Otherwise, the muffler may be cracked.)
- Park your motorcycle in a place where pedestrians will not touch the muffler 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 muffler on the pedestrians' side, the pedestrians may touch the muffler and get burned or suffer property loss.)
- 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.  
(Or improper torque may cause parts to come off.)
- This muffler is designed for exclusive use in a stock kick starter arm. TAKEGAWA's kick starter arm will interfere with the genuine muffler guard.

**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 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 muffler outlet 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 while riding down a road, stop riding immediately and park your motorcycle in a safe place. (Otherwise, the abnormality could lead to 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 muffler 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 doing work, place the motorcycle on level ground to stabilize the position of your motorcycle for safety's sake.  
(Otherwise, your motorcycle could overturn and injure you while you are working.)
- 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 checking and performing maintenance, 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.)
- 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 muffler in almost the same way as installing a stock muffler. Although a genuine muffler 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.

This manual should be retained for future reference.

You are kindly requested not to contact us about the combination of our products with other manufacturers'.

You are requested to keep this instruction manual until you discard this product.

### ~ Kit Contents ~



No.	Parts Name	Qty	Repair Part Item No.	In packs of
1	Silencer assembly	1	_____	_____
2	Exhaust pipe COMP.	1	_____	_____
3	Pivot nut	1	04-00-014	1
4	Flange bolt, 8 x 16	1	BW-00-0109	4
5	Exhaust gasket	1	000-13-016	1
6	Protector gasket	2	04-00-026	5
7	Exhaust pipe flange	1	18352-181-T00	1

Please order repair parts by indicating the Repair Part Item No. as listed above.

As you see from the list, there are some parts for which we are not in a position to accept your order in the quantity of one. In this case, please order the required parts as a set part unit.

## ~ Installation Procedures ~

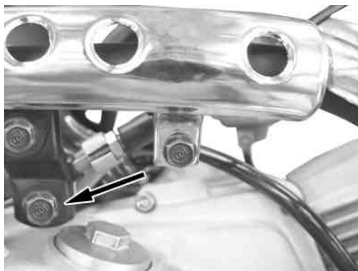
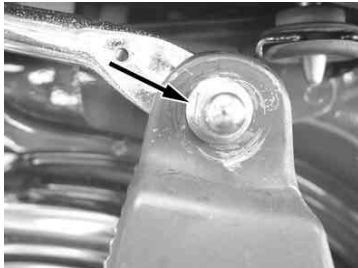
Stabilize the vehicle with a maintenance stand or the like in a safe and level place during work.

### Stock Muffler Removal

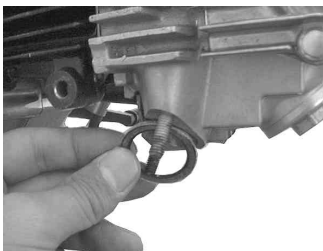
- 1 . Unfasten two nuts on the exhaust pipe flange.  
Keep them for re-use.  
If the nuts are worn or damaged severely, replace them with new ones.



- 2 . Remove two hex bolts which are holding the muffler.



- 3 . Remove the old exhaust pipe gasket remaining in the exhaust port.



### Stock Muffler Guard Removal

- 1 . Remove the screws and bolts from the just-now-removed stock muffler, as shown by arrows in the below-mentioned photo, to remove the muffler guard.
- 2 . Remove all the plus screws holding the muffler and muffler guard.  
Retain the screws and protector band packing for reuse. The screw and hole indicated by an arrow A will not be used.  
And in case the screws are badly damaged, please prepare new ones separately.



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

- 3 . In case the protector band packing is badly damaged, please prepare new one separately.

### D-Style Muffler Installation

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



- 2 . Fix a pivot nut onto the upper part of the right-side rear shock absorber.

**Torque : 35 N · m (3.5 kgf · m)**



- 3 . Install for now the silencer assembly with a supplied flange bolt.



- 4 . After inserting the exhaust pipe into the joint on the silencer assembly, insert its flange into the engine.

It is advisable to apply heat-resistant liquid gasket to the inserting portion.  
(ThreeBond 1207B or the equivalent.)

- 5 . Install the exhaust pipe flange onto the exhaust pipe COMP.  
Pass the installed exhaust pipe flange through the stud bolt of the cylinder head, and fix the flange with the nuts which were used to fix the stock muffler, and install the pipe for now. Install the exhaust pipe flange onto the exhaust pipe COMP. , directing its edged and lusterless surface to the cylinder head.



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

**Torque : 10 ~ 12 N · m  
(1.0 ~ 1.2 kgf · m)**



- 7 . Next, tighten the flange bolt on the silencer stay to the specified torque.

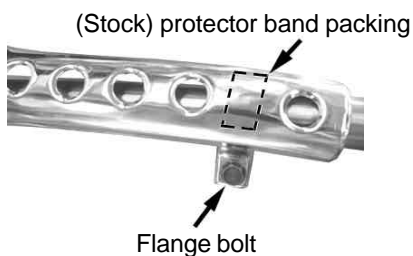
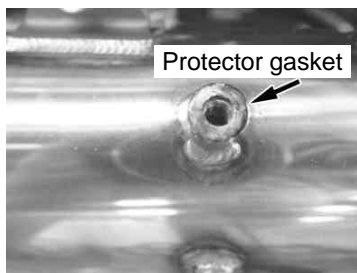
**Torque : 27 N · m (2.7 kgf · m)**



- 8 . Install the stock muffler guard. The stock plus screw will be reused. Place the supplied protector gaskets between silencer and muffler guard, and tighten the screw. As this screw is apt to come off from the vibrations of the vehicle, it is advisable to apply screw locking agent to it like a Lock tight 241, or the equivalent. Fix the front part of the muffler guard to the muffler by installing the protector band packing.

**Flange bolt**

**Torque : 10 N · m (1.0 kgf · m)**



- 9 . Check for interference among the muffler guard, the muffler, 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 muffler. Then fix them.



**Final Checking**

- 1 . Start the engine in a safe and well-ventilated place, and check for exhaust leak or interference.
- 2 . 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.

⚠ **WARNING** : Otherwise, you will suffer from carbon monoxide poisoning.

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