



Instruction Manual for Racing Muffler Kit

Item No. : 0 4 - 0 2 - 0 0 0 1
Fits : ANF125
Innova

Thank you for purchasing one of our TAKEGAWA-made products.

We have designed and manufactured this muffler, fully utilizing the know-how acquired through the development of new products over many years.

This product excels in corrosion-resistance because the pipe surface is chrome plated and the alumite-treatment is given to the aluminum silencer.

Please check the contents of this Kit before starting the installation.

Read all instructions first before starting the installation.

This muffler is designed and manufactured only for use in racing. So never use this product for driving on the public roads.

You can get the far better performance from this product if the following engine-related parts are installed onto your motorcycle.

Piston Kit of Item No. 001-02-001

TV26 Carburetor Kit of Item No. 003-05-002

High Camshaft Kit of Item No. 001-08-001

Wash the muffler with water only when the muffler is cold.

This muffler being designed and manufactured for use in racing, never fail to carry out maintenance.

As this muffler is for use in racing, with the lapse of time, the glass wool will deteriorate and the muffler will produce a larger sound volume.

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

After the installation of this product onto your motorcycle, never drive it on the public roads.

This muffler is up backwards on the right side. Be careful not to place your legs close to the muffler carelessly when the engine is revolving. (Otherwise, you will get your legs burned.)

When driving, never wear short pants or long trousers. Be sure to always wear protective clothes for your safety.

(Otherwise, the clothes may be at risk of exposure to the muffler, resulting in the driver's getting burned or the clothes' getting damaged.)

Be sure to do the work when the engine and muffler is cold. (Otherwise, you will get burned.)

Always use a torque wrench to screw bolts and nuts tight and securely to the specified torque.

(Otherwise, improper tightening may cause these parts to get damaged or come off.)

As some products and frames have sharp edges 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.) (Otherwise, the muffler will get cracked.)

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.

(Or improper torque 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 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.)

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 unusual with your motorcycle while riding, immediately stop riding and park your motorcycle in a safe place.

(Otherwise, the malfunction could lead to accidents.)

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's overturning.)

The engine and the muffler are at high temperatures when the engine is revolving or for some time after the engine has stopped. Therefore, never place flammable or hazardous materials such as gasoline near the bike. (Otherwise, there will be dangers of fires.)

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.)

Before starting the work, secure your motorcycle firmly on level ground for safety's sake.

(Otherwise, your motorcycle could overturn and injure you while you are working.)

Carry out inspection and maintenance of your motorcycle correctly according to the instructions and guidelines in the instruction and service manuals. (Improper inspection or maintenance could lead to accidents.)

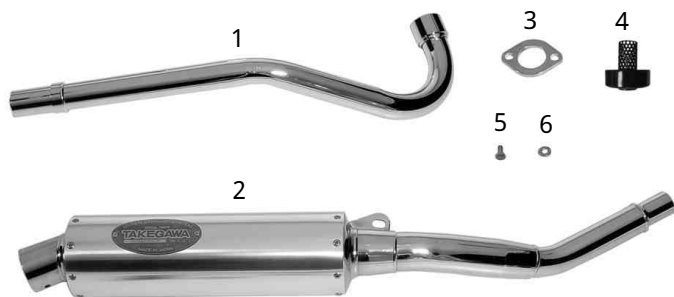
If you find damaged parts when checking or performing maintenance of your motorcycle, do not use these parts any longer, and replace them with new ones. (The continued use of these damaged parts as they are could lead to accidents.)

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.

As these products are for racing, we assume no liability whatsoever for any claims for damages which may arise from the use of these products.

This manual should be retained for future reference.

Kit includes:

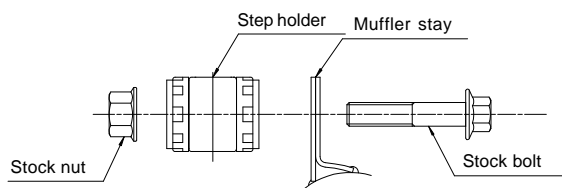


No.	Part Name	Qty
1	Exhaust pipe	1
2	Muffler COMP.	1
3	Exhaust pipe flange	1
4	Silencer baffle	1
5	Hex' bolt 6X12	1
6	Spring washer	1

Installation Instructions

- 1 . Make sure your motorcycle is secure on level ground.
- 2 . Unfasten two nuts on the pipe flange, and a bolt and nut on the pillion step holder. And remove a stock muffler.
- 3 . Replace the old exhaust pipe gasket for the exhaust port with a new one.
- 4 . Install the exhaust pipe flange onto the exhaust pipe.
- 5 . Install the exhaust pipe to the exhaust port, and tighten it loosely for now with two stock nuts.
- 6 . Insert the silencer COMP. into the exhaust pipe until the silencer COMP. fully touches the stopper.
- 7 . Install the stay of the silencer COMP. to the pillion step holder as shown in the illustration below, and tighten it loosely for now.

How to install the muffler:



- 8 . Tighten two nuts on the pipe to the specified torque.
Torque: 20 N · m (2.0kgf · m)



- 9 . Tighten a nut on the silencer COMP. stay to the specified torque.
Torque: 22 N · m (2.2 kgf · m)



- 10 . Peel away a protective film on the "TAKEGAWA" name plate on the silencer.

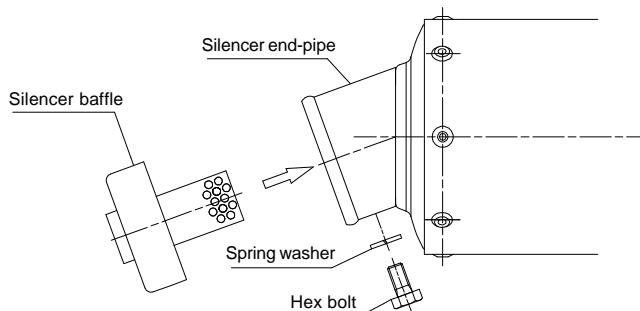


- 11 . Wipe off the dirt adhering to the muffler.
- 12 . Start the engine in a well-ventilated place, and check every hardware for exhaust air leak.
- 13 . If exhaust air leak is detected, loosen a bolt and nut, and redo the work 8 and 9.

Hardware provided:

This Kit comes with a silencer baffle which controls exhaust sound output. Please install the hardware referring to the instructions below.

How to install the silencer baffle:



Manufactured by

SPECIAL PARTS TAKEGAWA Co.,Ltd.
3-5-16 Nishikiorihigashi Tondabayashi Osaka Japan
URL : <http://www.takegawa.co.jp>

Distributed by

