

# Super cam chain tensioner Instruction manual

Product number **01-14-0013**

Adaptation model	GROM	(JC92-1000001 ~)
	MSX GROM Thai model	(MLHJC92)
	CT125	(JA65-1000001 ~)
	Cross Cub 110	(JA60-1000001 ~)
	Super Cub 110	(JA59-1000001 ~)
	Super Cub 110 Thai model	(MLHJA56)
	Super Cub 110 PRO	(JA61-1000001 ~)
	Super Cub C125	(JA58-1000001 ~)
		(JA71-1000001 ~)
	DAX 125	(JB04-1000001 ~)
	Monkey 125	(JB03-1000001 ~)
	Monkey 125 Thai model	(MLHJB03)

Thank you very much for purchasing our products.

Thank you so you will comply with the following matters at the time of use. Before installation, please check your always kit contents.

If there is a point of notice event, Please contact us the dealer of purchase.

◎ If the description, such as photos or Illustration different with this part.

☆ Please read carefully before use ☆

◎ The use of ignoring the instructions that are written in the instruction manual, if an accident or damage has occurred, we can not assume any responsibility for compensation.

◎ This product installation and use, when a problem occurs to after market goods, guarantee other than this product, also can not assume any in any such matters.

◎ If it was the case or mounting that has been processed like a product, it will not be covered under warranty.

◎ It is not possible to inquire of the combination of other manufacturers.

◎ This product is the above-mentioned vehicle exclusive goods. Is not possible attached to the other vehicle. Please note.

◎ 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.)

◎ Installation of product, go to ensure reference to a genuine service manual to adaptive models always.

◎ Special tools are required to install this product. Please prepare separately.

Flywheel holder:07725-0040001(Honda genuine parts) or Rotor holder:00-01-1001(Takegawa parts number)

Flywheel puller 30mm:07KMC-HE00100(Honda genuine parts) or Flywheel puller:00-01-1671(Takegawa parts number)

◎ New L. crankcase cover gasket is required for installation. (not included)

Honda genuine parts number:11395-K1M-T02 Takegawa parts number:00-02-0498

◎ Do not use this product with aftermarket (other than us) heavy duty push rod head. (camchain may damage the engine)

Please use genuine or our company's cam chain tensioner push rod head (that has an appropriate damping effect.)

Honda genuine parts number:14566-086-030 Takegawa parts number:00-01-0279

◎ Some import models (other than Japanese domestic models) may be subject to change without notice.

We are not responsible about export model. Please note.

◎ We recommend routine inspection of the cam chain tensioner roller and push head. Although engine specifications may vary, we recommend you inspect every 10,000km.

~ feature ~

○ This is a high-strength cam chain tensioner machined from high grade aluminum and finished with hard anodized.

○ The tensioner arm is designed to be thicker than stock, which strengthens the arm body and increases the contact point with the push rod head, greatly extending the life of the push rod. Protect the damage to the push rod head which prevents the loss of power.

○ There is an oil line inside the tensioner arm (lubricates the moving parts with oil higher the wear resistance).

○ Include cam chain tensioner roller.

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

■ When performing the work, etc., be sure during the cold (when the engine and the muffler is cold). (It may cause burns.)

■ When performing the work, it should be made to prepare the tools for the job. (Breakage of parts, it may cause injury.)

■ Do the work must always specified torque using a torque wrench. (Damage of bolts and nuts, and cause of dropout.)

■ The product and the frame, might have edges or protrusions. When working, please wear work gloves to protect your hands. (It may cause injury.)

■ Be sure to each part inspection before operation, check the loosening of the threaded portion, be sure to securely tighten the specified torque if there is loose. (It may cause detachment of the parts.)

■ Gasket always use new parts. Also, parts can be re-used may be checked, if wear or damage, it is always replaced with new parts.

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

■ If you start the engine, be sure in a well-ventilated place. In the sealed such place, please do not start the engine. (There is a risk of carbon monoxide poisoning.)

■ During operation, when an abnormality occurs, immediately stop the vehicle in a safe place, please stop running. (It may lead to an accident.)

■ When performing the work, do the work safely stabilize the vehicle in a horizontal location. (There is a risk of injury vehicle collapsed while working.)

■ Inspection, maintenance, the instruction manual or, inspection methods such as service manuals, to protect the way, should be done correctly. (unsuitable inspection and maintenance, there is a risk that result to an accident.)

■ When carrying out the inspection and maintenance, etc., if found damaged parts, replace the damaged parts to avoid possible to reuse the parts. (There is a risk that lead to accidents Continued use.)

■ Plastic bags of product packaging, you can either be stored in a place that is out of reach of children, it should be discarded. (When the children or wearing, there is a risk of suffocation.)

◎ Please note. Performance up, the design change, the product and the price in the cost up, etc. are subject to change without 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.

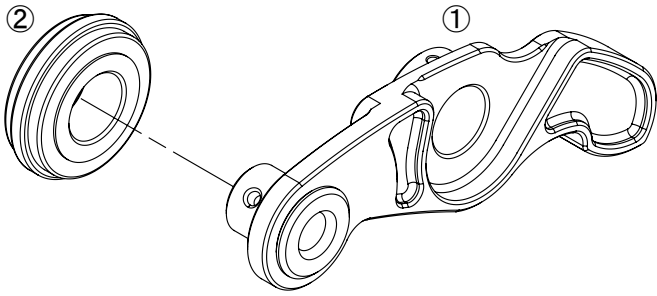
◎ Keep this manual stored until this product is discarded.

**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)



Number	Product content	Quantity	Item Number
1	Arm COMP.	1	—
2	Cam chain tensioner roller	1	00-01-0482

※ 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.

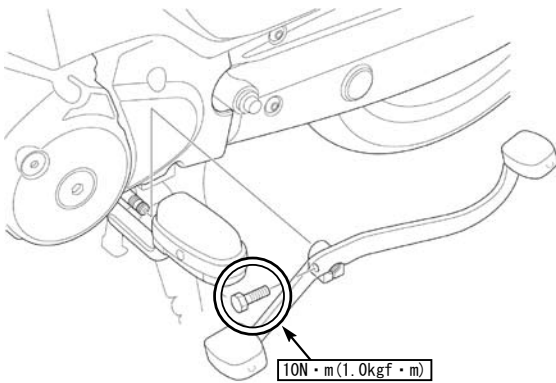
■ Mounting procedure ※ Please refer to the Genuine Service Manual for detailed mounting methods and specified torques that are not specifically described.

- Work with the vehicle keep stable.
- Drain engine oil.

**■ Disconnect the connector from the L. crankcase cover**

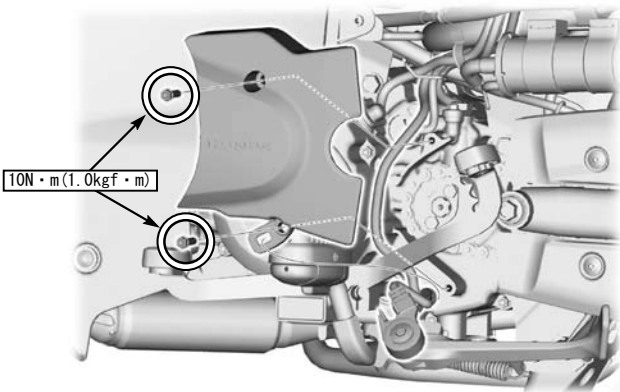
□ For Super Cub 110 (including Pro), Cross Cub 110, Super Cub C125, DAX125, CT125

- Refer to the genuine service manual to remove the connection, then remove the exterior parts on the left side of the body. Remove gear shift pedal.



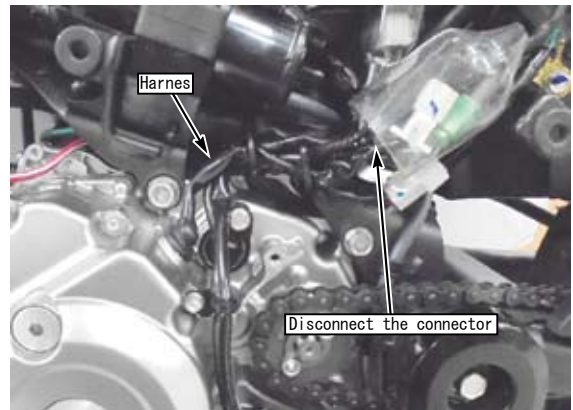
The figure for Super Cub C125

- Remove the two bolts on the drive sprocket cover and remove it.
- ※ For Super Cub C125 and CT125, remove the stand switch clip from the cover.



The figure for Super Cub C125

- Disconnect the connector of the L. crankcase cover. Remove harness from clamp.



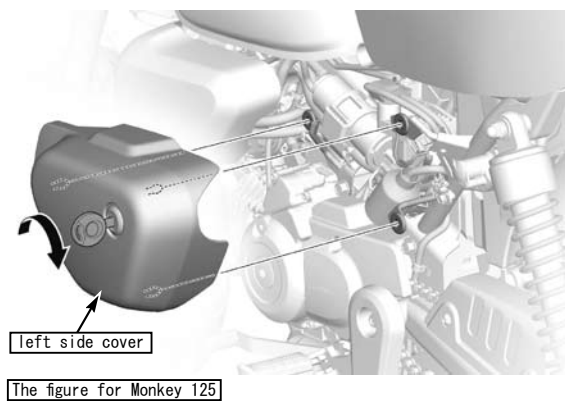
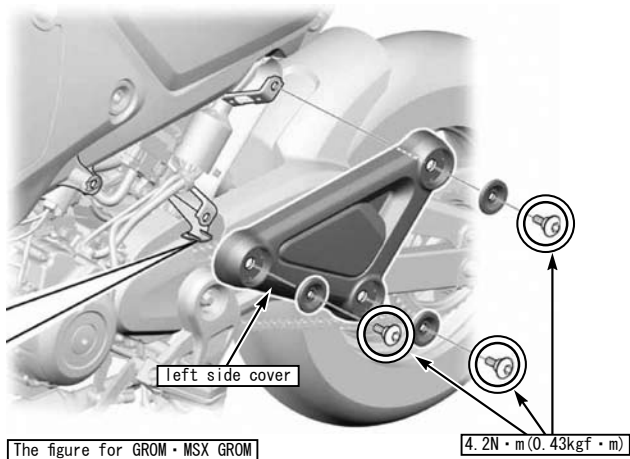
- Remove the L. crankcase cover. (loosen and remove the bolts diagonally in several steps. ideal to use oil tray)
- ※ Caution:L. crankcase cover has magnetic force, (careful to pinch fingers)



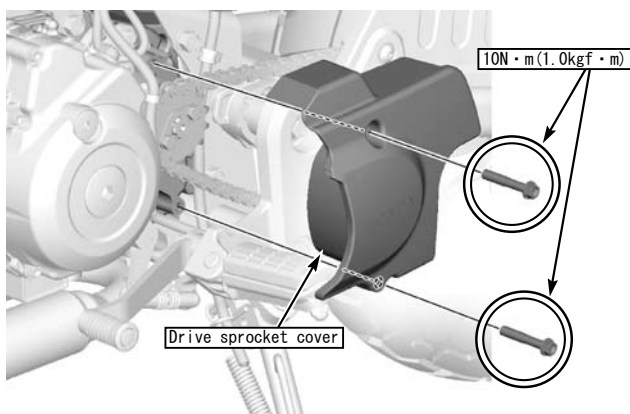
## ■ Disconnect the connector from the L. crankcase cover

□ For Monkey 125, GROM, MSX GROM

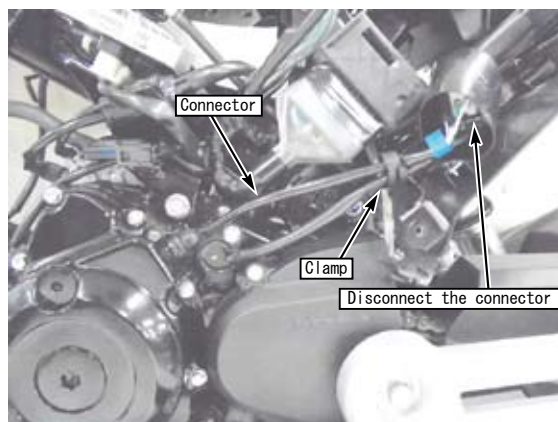
○ Refer to the genuine service manual to remove the connection, then remove the left side cover.



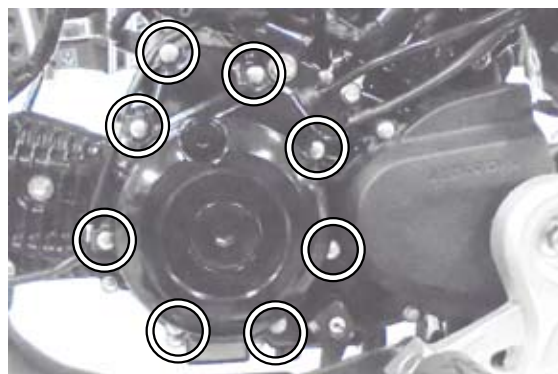
○ For Monkey 125, remove the bolts the drive sprocket cover to remove the cover.



○ GROM / MSX For GROM, remove the clamps of the wire harness. Disconnect the connector of L crankcase cover.



○ Remove the L. crankcase cover. (loosen and remove the bolts diagonally in several steps, ideal to use oil tray)  
※ Caution: L. crankcase cover has magnetic force, (careful to pinch fingers)

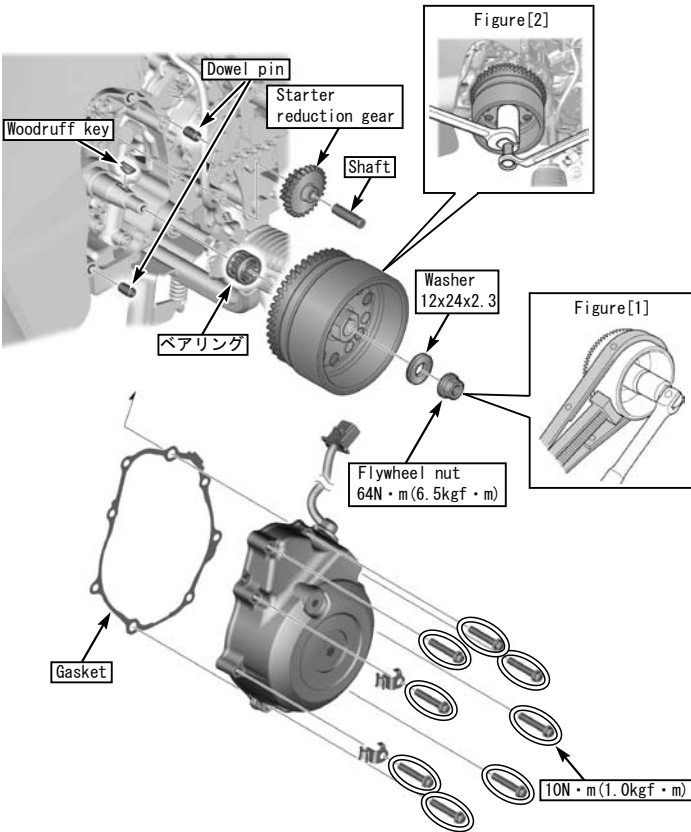


For all models

○ Remove the two dowel pins, starter reduction gear and shaft, and clean off the gasket on the crankcase and L. crankcase cover.

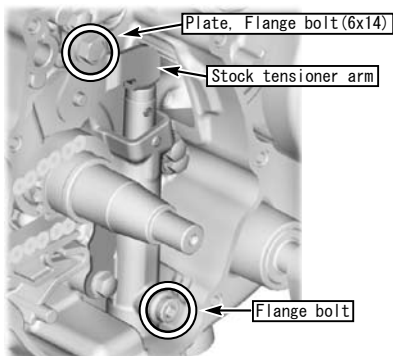
○ As shown in figure [1], Rotor holder (special tool), fix the flywheel as shown and remove the flywheel nut and washer (12x24x2.3).

○ Figure [2], remove the flywheel: using flywheel puller (special tool). Remove the woodruff key, starter driven gear, and bearings.



○ Remove the flange bolts (as shown), drain the oil of the lifter body, and remove the plate and flange bolts (6x14) that secure the tensioner arm.

○ Remove the stock tensioner arm and cam chain roller.



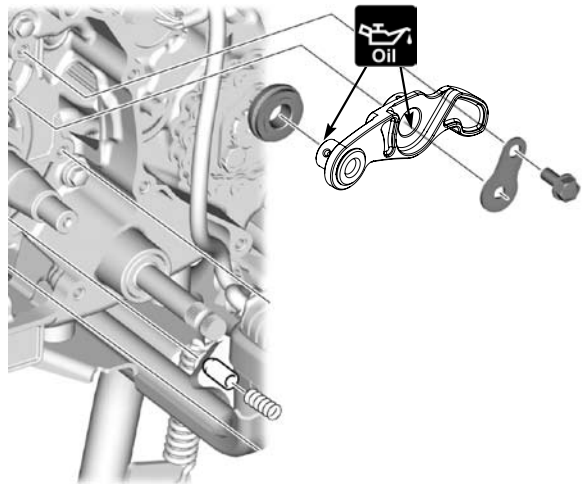
○ Check the condition of the tensioner push head and replace with a new one. (when deformed, worn, or damaged).



○ Apply oil to the designated area (as shown) and install ② cam chain tensioner roller to ① arm COMP.

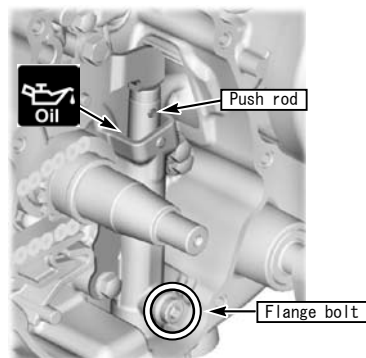
In the set state, hold the cam chain tensioner rod COMP. (with your fingers) and attach it to the L crankcase, fix it to the plate using flange bolts (6x14) same as stock.

▲ Note: Be sure that you protect specified torque.  
Flange bolt  
Torque : 12N · m (1.2kgf · m)



○ Tighten the flange bolts (as shown) to the specified torque and fill oil (4.0cm<sup>3</sup>) into the chamber of cam chain tensioner. Push the push rod until it stops moving and release the air out.

▲ Note: Be sure that you protect specified torque.  
Flange bolt  
Torque : 10N · m (1.0kgf · m)



■ Mounting procedure ※ Please refer to the Genuine Service Manual for detailed mounting methods and specified torques that are not specifically described.

- Refer to the service manual for assemble (in reverse order), including the L.crankcase cover and connector connection(so that the engine can start.)  
( Not assemble the left side cover or body cover at this point.)
- ※ Apply oil to the needle bearing, starter induction gear and shaft.
- ※ L. Crankcase gasket (worn or damaged parts must be replaced)

⚠ Note: Be sure that you protect specified torque.  
Flywheel nut 12mm (Apply engine oil to the threads)  
Torque : 64N · m (6.53kgf · m)  
L. Crankcase cover flange bolt  
(Be sure to tighten diagonally in several steps)  
Torque : 10N · m (1.02kgf · m)  
Sprocket cover flange bolt / Change shift pedal fixing bolt  
Torque : 10N · m (1.02kgf · m)  
Oil drain bolt 12mm  
Torque : 24N · m (2.45kgf · m)

- Fill engine oil. (specified amount)

	Monkey 125 Super Cub C125 GROM	Super Cub 110 Cross Cub 110 Super Cub 110 PRO DAX125 CT125
At draining	0.9 ℓ	0.8 ℓ
At replacing the oil filter	0.9 ℓ	0.85 ℓ
At disassembly	1.05 ℓ	1.0 ℓ

- Inspect each part to make sure there are no loose screws or nuts.
- Start the engine carefully and check that there are no oil leaks or abnormal noises from the engine. (do this in well-ventilated and safe place)  
Stop the engine then check the oil level gauge or oil inspection window to make sure it is within the standard oil level.  
(wait for 1 min)  
Once again check for loose screws, nuts, etc.

⚠ Warning : Start the engine and perform inspections in a well-ventilated area.  
Do not start the engine in a closed place.  
(There is a risk of carbon monoxide poisoning.)

- Assemble the removed exterior parts in reverse order.

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