

φ 48 Small DN Tachometer 12500RPM (with rev indicator) Instruction manual

Product number 05-05-0080

Adaptation model	Monkey125 (JB02-1000001 ~)
	(JB03-1000001 ~)
	(JB05-1000001 ~)
	Monkey125 Thai model (MLHJB02) (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 ☆

- ◎ This manual are intended for those who have a basic skills and knowledge. If no experience of mounting, etc., who preparation of such a tool is insufficient, we recommend that it is your request to the shop with a technical credit.
- ◎ We are NOT responsible for any accidents, injuries, or damage to property that occurs while using this product.
- ◎ 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.
- ◎ It is not possible to inquire of the combination of other manufacturers.
- ◎ If it was the case or mounting that has been processed like a product, it will not be covered under warranty.
- ◎ 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.)
- ◎ If the vehicle battery is not fully charged(each riding is short distance) please charge the battery frequently.
Also, if you not ride some period, remove the negative terminal of the battery and charge it frequently, or use our battery charger for fully charging. (Standby current may cause the battery to dead.)

~ feature ~

Tachometer kit for Monkey 125. It is placed next to the original meter and easy to see it.
Comes with special wiring, it is plug in and no custom work is required.
Small DN tachometer (w/white LED) body size is φ 48.
The needle is fully controlled by a digital signal and compact motor. The high pointer retention needless are highly reliable structures.

● Precautions on usepurchased dealer.

Do not use LED,H.I.D.headlights or fog lamps kit made by other than our companies at the same time.Some ballast/inverter(voltage converter) generates high-voltage noise that adversely affects the digital circuit,resulting in product failure or malfunction.
This product is for DC12V, Do not use it with AC12V power supply.
Do NOT install aftermarket ignition devices (ignition coils or plug cords) as they can cause malfunctions due to increased noise caused by increased ignition voltage.
Do NOT install aftermarket generators that do not have sufficient charging power as they can cause malfunctions due to reduced battery voltage and control voltage problems.

[Prohibition of riding with headlights off]

Running without headlights, the unused power will increase the voltage.When you continue to run in this condition, the battery may deteriorate due to overcharging or the genuine regulator may malfunction due to excessive strain.
In motorcycle with modified engines that run at higher engine speeds than stock, the negative effects will be stronger.
If your headlights burn out, stop riding immediately,*if you need to continue riding,switch headlight to high beam (adjust the optical axis) and run at as low a speed as possible.

Ventilation hole on the back of the unit so that moisture can escape. When washing with water, be careful not to spray directly onto the bottom of the meter.Left in a humid environment, moisture may get inside the unit and the screen may become foggy.

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

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

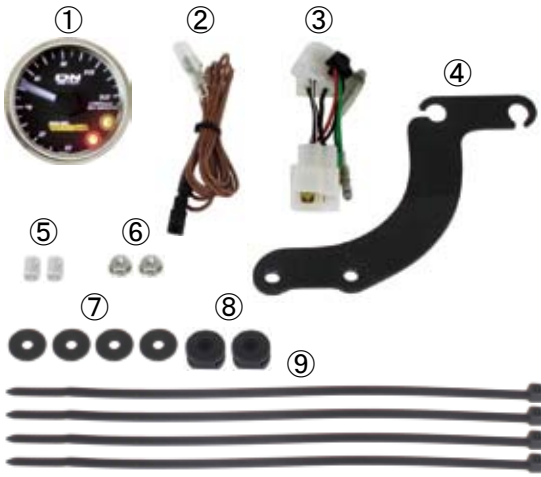
- The technology and those who no knowledge, please do not to work.(The cause of parts damage etc., could result in falls and accidents.)
- When performing the work, do the work safely stabilize the vehicle in a horizontal location.
(There is a risk of injury vehicle collapsed while working.)
- When 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.)
- 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.)
- 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.)
- During operation, when an abnormality occurs, immediately stop the vehicle in a safe place, please stop running.(It may lead to an accident.)
- 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.)
- Do not use any parts other than those specified. (Damage to parts may lead to an accident.)

- ◎ 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)

Product content



Number	Product content	Quantity	Item Number
1	Meter body	1	_____
2	RPM cord(1500mm) for IG connection	1	09-05-0142
3	Tachometer sub cord COMP.	1	00-00-1993
4	Meter bracket	1	00-00-2385
5	Cushion collar	2	_____
6	Flange nut, M4	2	00-00-0098 (10 pcs)
7	Plain washer, M4	4	00-05-0086 (10 pcs)
8	Cushion rubber	2	_____
9	Cable tie, 200mm	4	00-00-0269 (10 pcs)

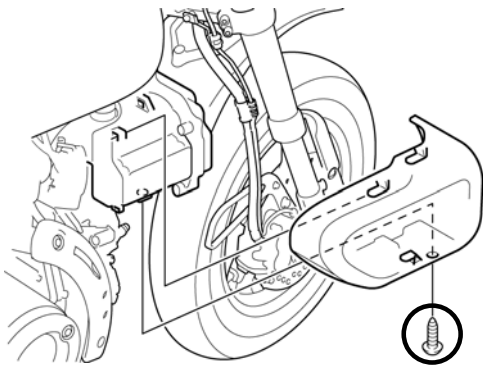
※ Please order in the repair parts are always repair part number.
 If it is not the part number order, you may not be able to order. Please be forewarned.
 It should be noted, In the case of parts that can not be separately shipment, please order a set part number.
 ※ Repair parts may differ slightly from the kit contents in terms of shape, etc.
 There is no problem to use it. Please be forewarned.
 ※ The RPM cord, main wiring, terminal, and meter mounting bracket (not shown in the photo) will not be used.
 ※ Universal meter bracket is not using, please take ⑤ and ⑧ from bracket.
 ※ ⑥ is a repair item with serrations (SUS).

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

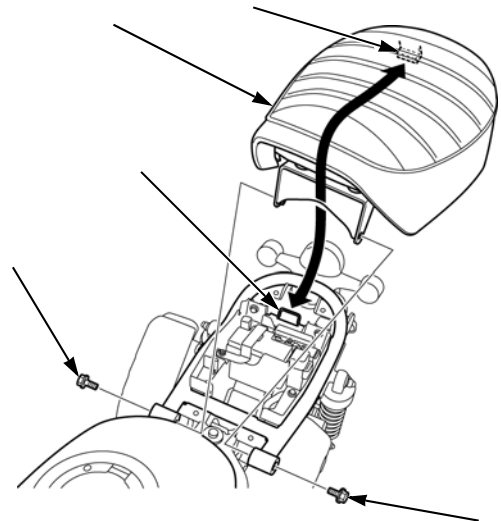
⚠ NOTE

The contents of the exterior parts removal work in this manual are only an overview with details omitted. If you are unfamiliar with the exterior removal work, please take to motorcycle shop to do the work. Be sure to follow the instructions and procedure specified torque follow the manufacturer's genuine service manual. Also be careful to not damaged any parts when the exterior is removed.

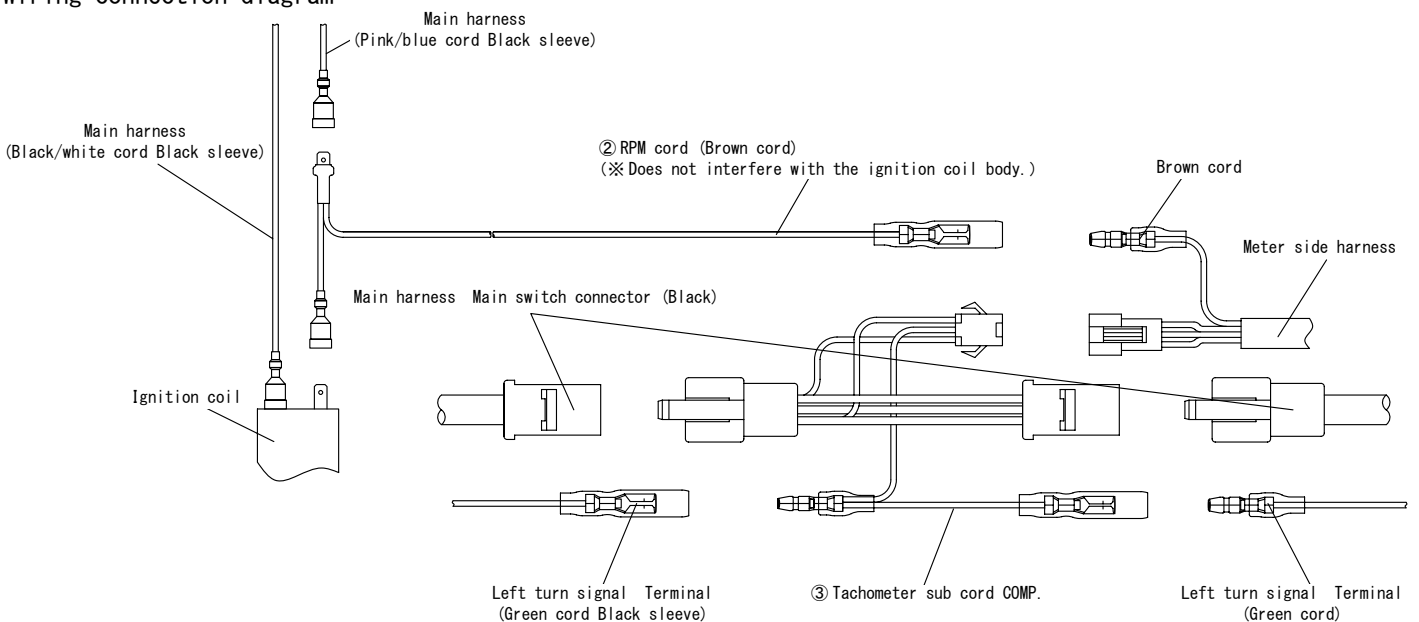
○ Remove the garnish of the air cleaner box to make it easier to place the ② RPM cord. Remove the screw and move it forward.



○ Remove the seat and disconnect the negative battery terminal.



Wiring connection diagram

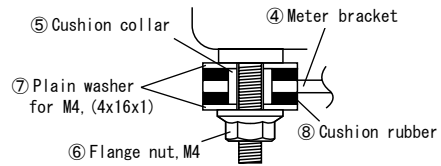


⚠ NOTE : Cord color notation in this manual, that means base color / line color. "black / white" means the cord that contains the white line to the black cover.

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

- Attach the ④ meter bracket to the meter body.
- Please refer to the diagram below for assembling the rubber mount.

▲ Note: Be sure that you protect specified torque.
Torque : 5N · m (0.5kgf · m)



- Remove the left and right bolts at the bottom of the headlight unit.



- Remove the headlight unit from the bottom and remove the top nail.



- Disconnect the headlight unit.



- Remove the left and right bolts at the headlight bracket.



- Remove one bolt in the headlight case.



- Move the headlight case and remove the genuine meter cover mounting bolt.

▲ Note: When moving the headlight case, be careful not to apply excessive force to the harness.



- Refer to the photo (use the play) in the meter mounting area to create a gap between the genuine meter and the DN meter, then use the genuine bolts to secure the bracket. Place the wire on the meter side through the headlight case.

※ Ensure clearance between the meters.

▲ Note: Be sure that you protect specified torque.
Genuine bolt
Torque : 5N · m (0.5kgf · m)

- Attach the headlight case (in the reverse order).
- ※ At this point, not to assemble the headlight unit.
- Connect the ② RPM cord to the pink/blue of the ignition coil located under the tank (on the right side of the frame). * refer to the wiring diagram
- ※ Place the ② RPM cord (do not interfere with the ignition coil unit). If there is any interference, the tachometer acts unstable.



- Place the ② RPM cord through the headlight and connect it to the meter harness. *refer to the wiring diagram
- Disconnect the main switch connector in the headlight case and connect the ③ tachometer sub cord COMP.



- Disconnect the green cord (L turn signal) in the headlight case and connect the ③ tachometer sub cord COMP.
- Check each connection and install the headlight unit (in reverse order).

▲ Note: Due to limited space of inside the headlight case, use cable tie to bundle the wires and other harnesses as appropriate.

- Connect the negative(-) terminal.
- After confirming all wiring is correct, re-assemble the parts in reverse order.

- Set up the meter according to the instruction manual of the meter unit **05-05-0071**.

For Monkey125

① Rev warning alarm set as : 8000-9000 rpm (recommend setting)

② RPM signal count : Set value 1

③ RPM signal type setting as 1 : Hi mode

※① set as desired

Set ② and ③ to these settings

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