

Clutch Spring 14k Set Instruction Manual

Product number 02-01-0296

Applicable model	KSR110	(KL110A-000001 ~) (JKAKL110110CCDA00058 ~) (KL110D-A57002 ~)
	KSR PRO	(JKAKL110EEDA88121 ~)
	KLX110	(LX110A-A08133 ~)
	KLX110L	(LX110D-A72046 ~)
	Z125 PRO	(BR125H-A02621 ~)

Thank you for purchasing one of our 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.

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

☆ Please read the following instructions carefully before installation ☆

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

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

◎ During installation, it prepares the tool or the like, do the work with care in accordance with the mounting procedure.

In addition, 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.

◎ When installing this product, please be sure to refer to the genuine service manual for the applicable vehicle model above.

In addition, gaskets, sealing, etc. are required for each specifications and model.

◎ 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 has an heavier clutch spring rate. Clutch operation becomes heavy by this kit.

~ Features ~

○ Clutch start slips as engine output increases. This clutch spring has higher spring rate than the stock spring. It is about 12% higher rate than stock spring (KLX110L about 20% higher).

KSR110 and KLX110 (excluding KSR PRO and Z125 PRO) use this spring combining them with stock 4 springs, you can adjust the clutch pressure rate.

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

- Work only when the engine and muffler are cool. (Otherwise, you will get burned.)
- Do the installation with right tools. (Otherwise, breakage of parts or injuries to you may take place.)
- Always use a torque wrench to screw bolts and nuts tight and securely to the specified torque.
(Otherwise, these parts may get damaged or fall off, resulting in accidents.)
- As some products and frames have sharp edges or protruding portions, please work with your hands protected.
(Otherwise, you will suffer injuries.)
- 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. (Otherwise, improper tightening may cause parts to come off.)
- Be sure to use new gaskets and sealing. Also, check the parts to be reused carefully, and if they are worn or damaged, replace them with new parts. (Cause trouble.)

⚠ Warning The following show the envisioned possibility of human death or serious injuries to human bodies as a result of disregarding the following cautions.

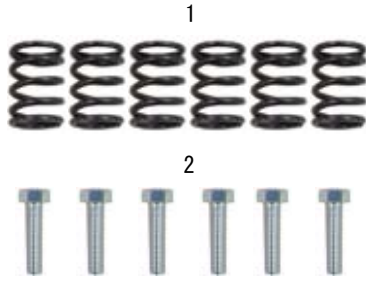
- Always start the engine in a well-ventilated place, and do not turn on the engine in an airtight place.
(Otherwise, you will suffer from carbon monoxide poisoning.)
- When you notice something abnormal with your motorcycle while riding, immediately stop riding and park your motorcycle in a safe place to check what has gone wrong. (Otherwise, the abnormality could lead to accidents.)
- 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 doing work, make sure your motorcycle is secure on level ground for safety's sake.
(Otherwise, your motorcycle could overturn and injure you while you are working.)
- Check or carry out maintenance of your motorcycle correctly according to the procedures in the instruction manual or service manual.
(Improper checking or maintenance could lead to accidents.)
- If you find damaged parts when checking and 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.

◎ This manual should be retained for future reference.

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)



No.	Part Name	Qty	Repair Part Item No.
1	Clutch spring	6	_____
2	Hex' bolt, 5x20	6	00-00-0468 (10 pcs)

※ Please order repair parts with the Repair Part Item No. Without the repair part item No., we may not be able to provide the correct parts. Some parts are only available as a set. Please order them with the set number.

■ Mounting procedure ※ Please refer to the genuine service manual if the detail is not mentioned method and the specified torque.

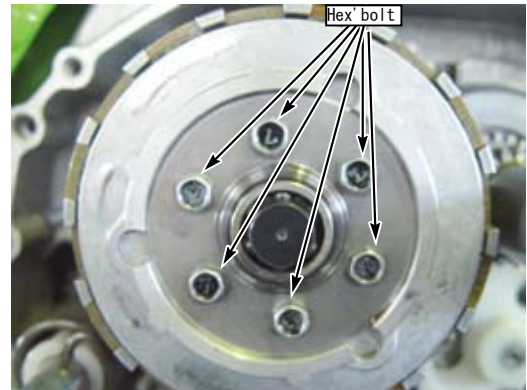
1. Check the kit contents.
2. Prepare suitable tools for the work.
3. Make sure your bike is secure on a sidestand.
4. Remove the clutch cover with referring to the genuine service manual.
 ※ In case a primary clutch is installed inside the clutch, remove it referring to the service manual.



5. Remove clutch spring bolts on the secondary clutch to remove a clutch spring plate and clutch springs.

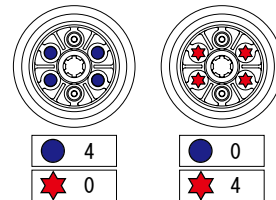
6. Referring to the photo below, attach the proper springs in the proper number to meet the engine specification, and tighten M5x20 hex' bolts diagonally to the specified torque.
 ※ Be sure to tighten them equally.

▲ Caution: Apply the specified torque.
 Hex' bolt
 Torque : 3.4N · m (0.35kgf · m)

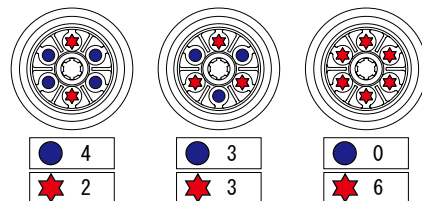


For (KSR110/KLX110)

For 4-spring specification



For 6-spring specification



● Stock spring ★ Heavy duty spring

7. Install the removed parts by referring to the genuine service manual.
8. Before starting the engine, check that the clutch operates normally, and also check hardware for slack.
 ※ In case a manual clutch kit is installed, the lever operation will become heavy, and in case a centrifugal clutch kit is installed, the shift change will become heavy.
 ※ If you feel the lever operation or shift change heavy, we advise you to install the genuine and our springs alternately and adjust the clutch pressure to meet your engine specification.