

# Clutch Spring 14k Set Instruction manual

(Heavy-Duty Spring 11.5k → 14k)

Product number 02-01-0306

Adaptation model TT-R90  
YB-1Four

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 ☆

- ◎ We do not take any responsibility for any accident or damage whatsoever arising from the use of the kit not in conformity with the instructions in the manual.
- ◎ We shall be held free from any responsibility or compensation whatsoever for any glitch in the parts other than ours if the glitch takes place after the installation and use of the products.
- ◎ If you make modifications to any product, we shall be held free from any guarantee of the product.
- ◎ You are requested not to contact us about the combination of our products with other manufacturers'.
- ◎ Please note that this kit is designed for exclusive use in the above-mentioned fitting models only and that it cannot be mounted on any other models.
- ◎ 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.)
- ◎ Please do the installation work properly referring to a genuine service manual for the fitting models. And gasket and packing are additionally needed to match the bike.
- ◎ The installation of the clutch spring included in this Kit makes the clutch operation or shift operation heavier.

~ feature ~

- As the engine power increases, clutch slips easily. This heavy duty clutch spring set load increased +20% compared to the stock spring. This prevents clutch slippage of high power engines.

**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 arts.)
- 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.)

**SPECIAL PARTS**  
**TAKEGAWA**

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e-mail: english@takegawa.co.jp URL <http://www.takegawa.co.jp>  
Please contact with your name and country name provided. (Only English please)

- ◎ 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.

## Product content



Product content	Quantity
Clutch spring	4

■ Mounting procedure ※ Mounting methods and specified torque of detail, refer to genuine service manual.

- Check the kit contents.
- Prepare suitable tools for the work.
- Make sure your bike is secure on a sidestand.
- Referring to the relevant service manual, remove a clutch cover.



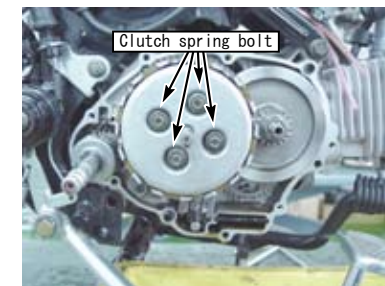
- Remove clutch spring bolts on the pressure plate, and then remove a clutch spring bolt and clutch springs.



- Attach supplied clutch springs, and tighten the clutch spring bolts diagonally to the specified torque.

※ Be sure to tighten them equally.

**▲ Note:** Be sure that you protect specified torque.  
Clutch spring bolt  
Torque : 6N · m (0.6kgf · m)



- Reinstall back the removed hardware.
- Before starting the engine, check that the clutch operates normally, and also check hardware for slack.
- ※ In case this Set is installed on the YB1, the lever operation will become heavy because of the manual clutch, and when installed on the TTR90, because of the centrifugal clutch, the shift operation will become heavy.

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