



INSTALLATION & USER'S GUIDE

CoreManual Clutch for YZ65 & YZ85

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OVERVIEW

This kit replaces OE (Original Equipment) or “stock” clutch parts with Rekluse high quality billet components designed specifically for your bike model. The following is a summary of what is replaced:

- This kit will replace all the OE drive plates with Rekluse steel drive plates and an EXP disk.
- The OE pressure plate springs are replaced with high quality Rekluse springs.
- OE inner hub and pressure plate components are replaced with Rekluse Core components.

INSTALLATION TIPS

- Read the separate included Safety Information document before operating the vehicle with the product installed.
- Read this entire document before performing any steps.
- If you install this product for a customer or another person, instruct them to read the **Safety Information** document and the **Installation and User Guide** before operating the bike with the product.
- Protect eyes and skin – wear safety glasses and work gloves.
- Lay the motorcycle on its left side when replacing the clutch. This makes the clutch work easier and eliminates the need to drain the oil. Catch any fuel that may drain from the bike.
- Use the torque values listed in the instructions. Otherwise, use the torque specifications found in your OE service manual.
- For optimal clutch performance Rekluse recommends using fresh, clean oil that **meets JASO-MA** oil rating requirements. Rekluse offers Factory Formulated Oil™ developed



specifically for Rekluse products. Rekluse Factory Formulated Oil is a perfect complement to any OEM or aftermarket wet clutch. Visit www.rekluse.com to learn more.


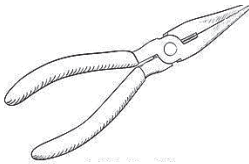




Replacement parts

Rekluse recommends replacing the clutch cover gasket any time the clutch cover is removed. Rekluse also recommends replacing the OE frictions if they are worn or burnt. These can be purchased from Rekluse or your local dealer.

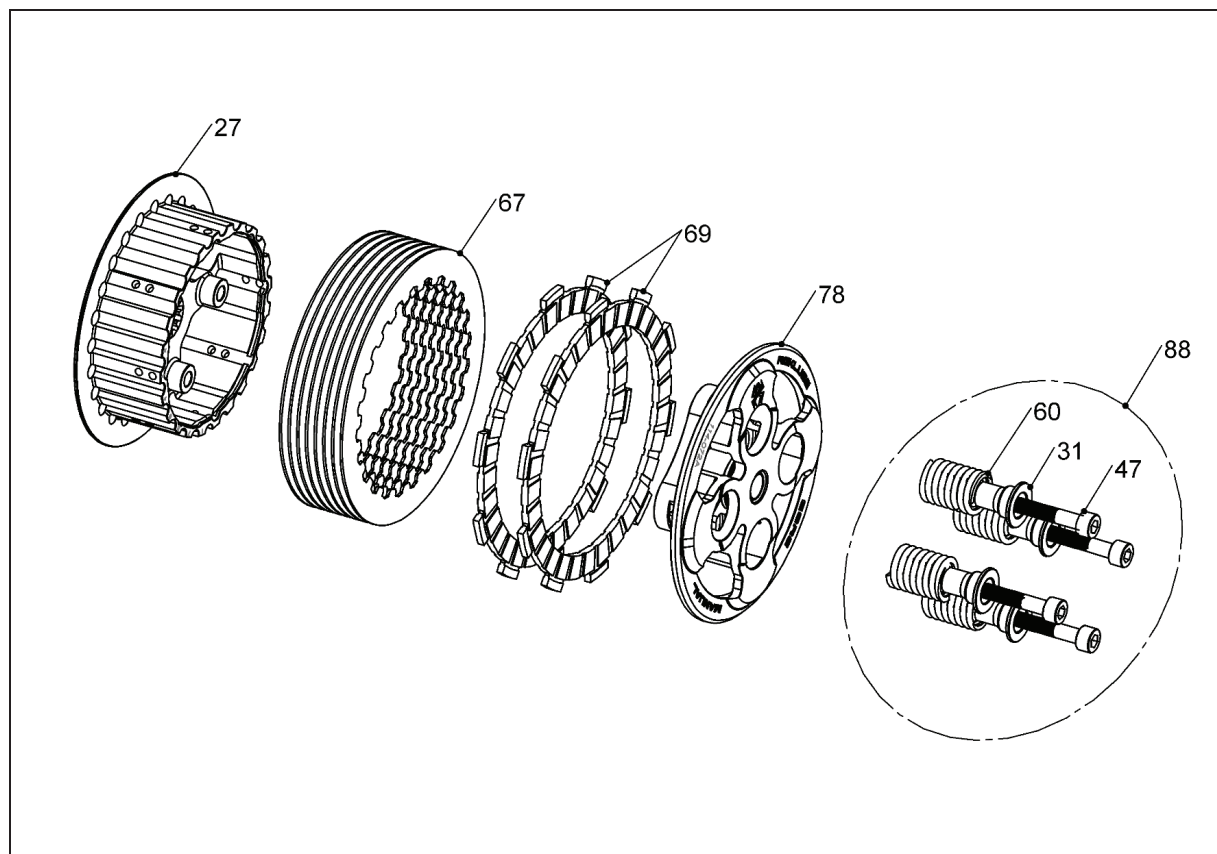
Part Numbers

- Clutch cover gasket: Yamaha Part # 5PA-15463-00-00
- Friction disks: Yamaha Part # 3XP-16321-00-00
Rekluse Part # 469-072

TOOLS

			
2 dental picks	Needle-nose pliers	Metric wrench set	Torque Wrench
			
5mm hex key or driver	8mm & 19mm sockets		

INCLUDED PARTS



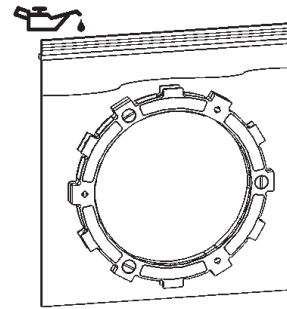
Item	Description	Qty.
27	Center clutch hub	1
67	Steel drive plate	7
69	Friction Disk *	2
78	Pressure plate assembly	1
88	Pressure plate spring kit	1
31	Screw sleeves	4
47	Pressure plate screws	4
60	Pressure plate springs	4

** for YZ85 model, there will be one friction disk leftover*

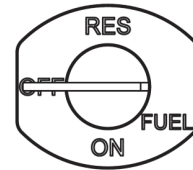
Visit www.rekluse.com/support for a full parts fiche illustration and part numbers.

DISASSEMBLE CLUTCH

1. Soak the provided friction disks in transmission oil for at least 5 minutes.
2. Turn the fuel petcock to "OFF."



3. To avoid draining the oil, lay the bike on its left side. Catch any fuel that drains in a suitable container.



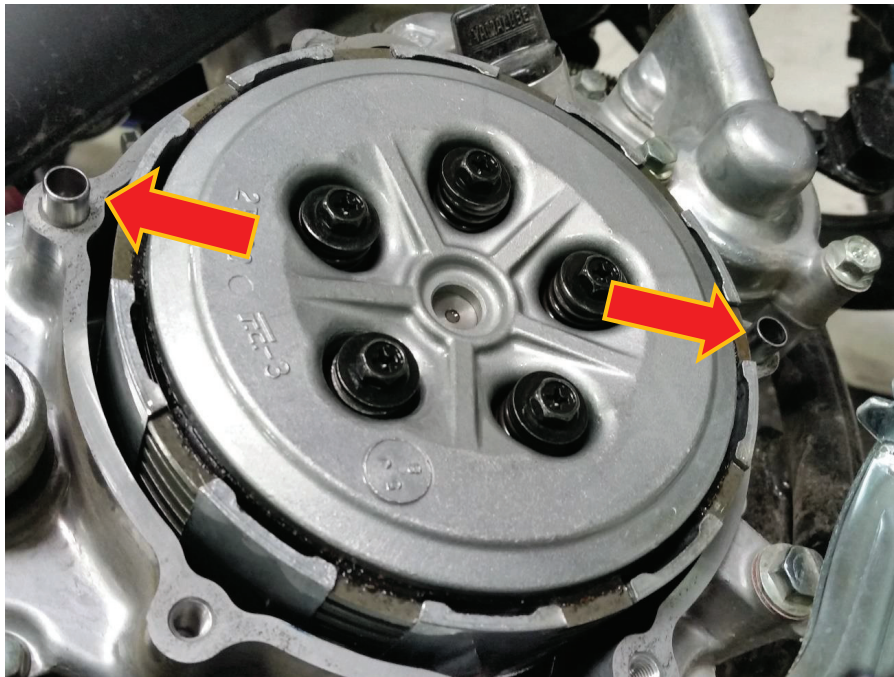
4. Using a socket, remove the clutch cover bolts.



5. **CAREFULLY** remove the clutch cover to prevent damaging the clutch cover gasket or dropping the cover dowels into the engine.

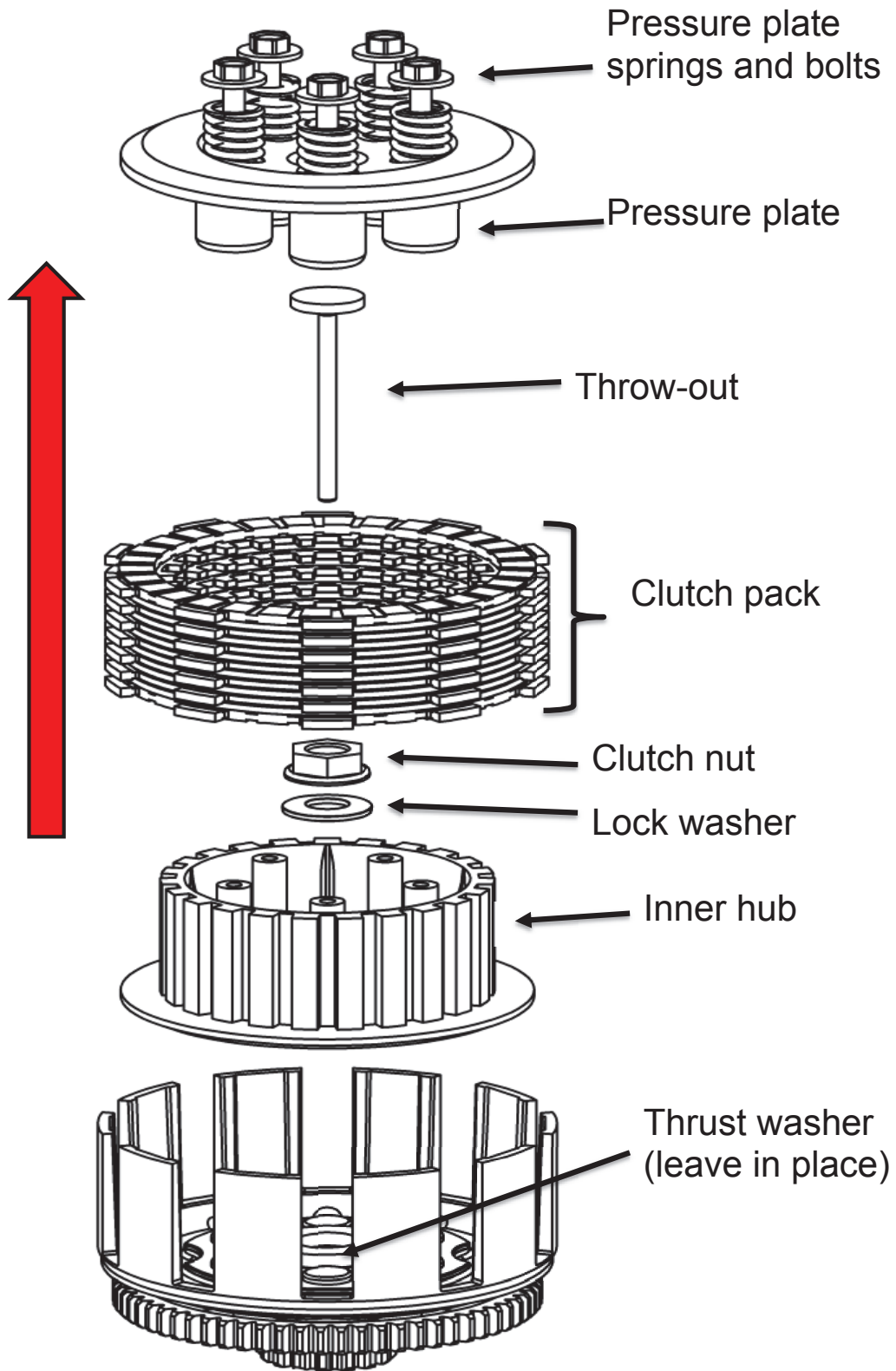
⚠ CAUTION

The cover dowels are easily dropped when removing the cover. Take care to prevent losing or dropping the cover dowels into the engine. If a dowel is missing, check the backside of the clutch cover to see if it is wedged in the cover.

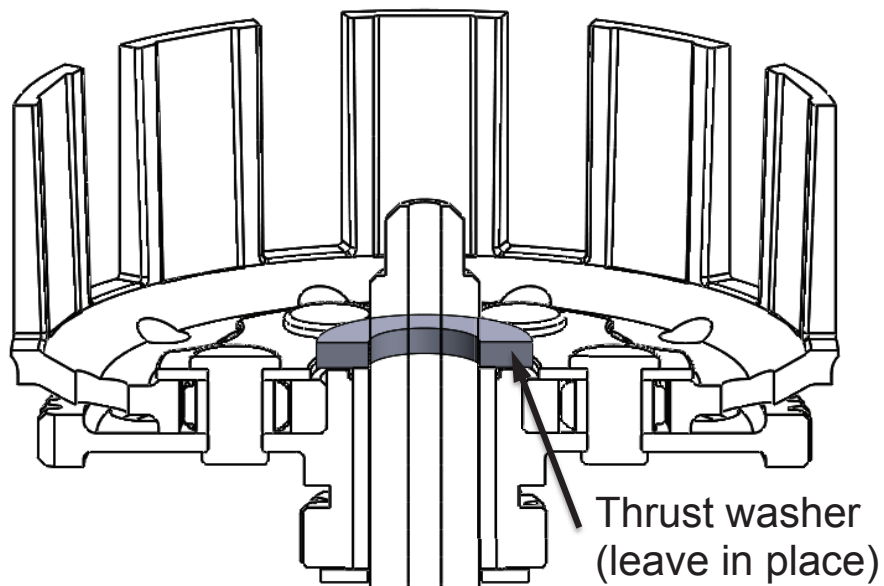


6. Remove the 2 clutch cover dowels and set them aside. They will be reused.

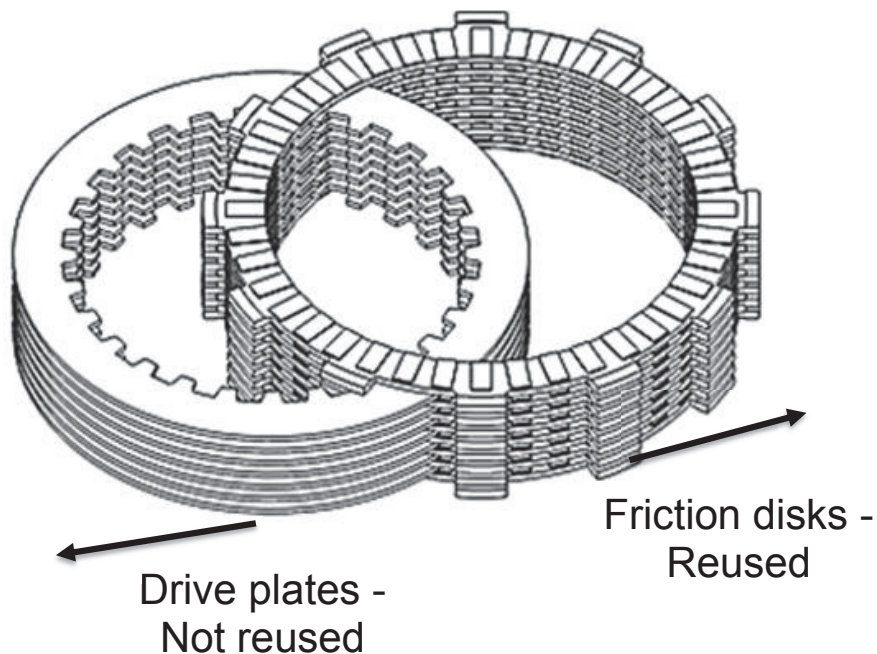
7. Remove the following OE clutch parts from the clutch basket.



Note: Leave the OE thrust washer in the clutch basket.



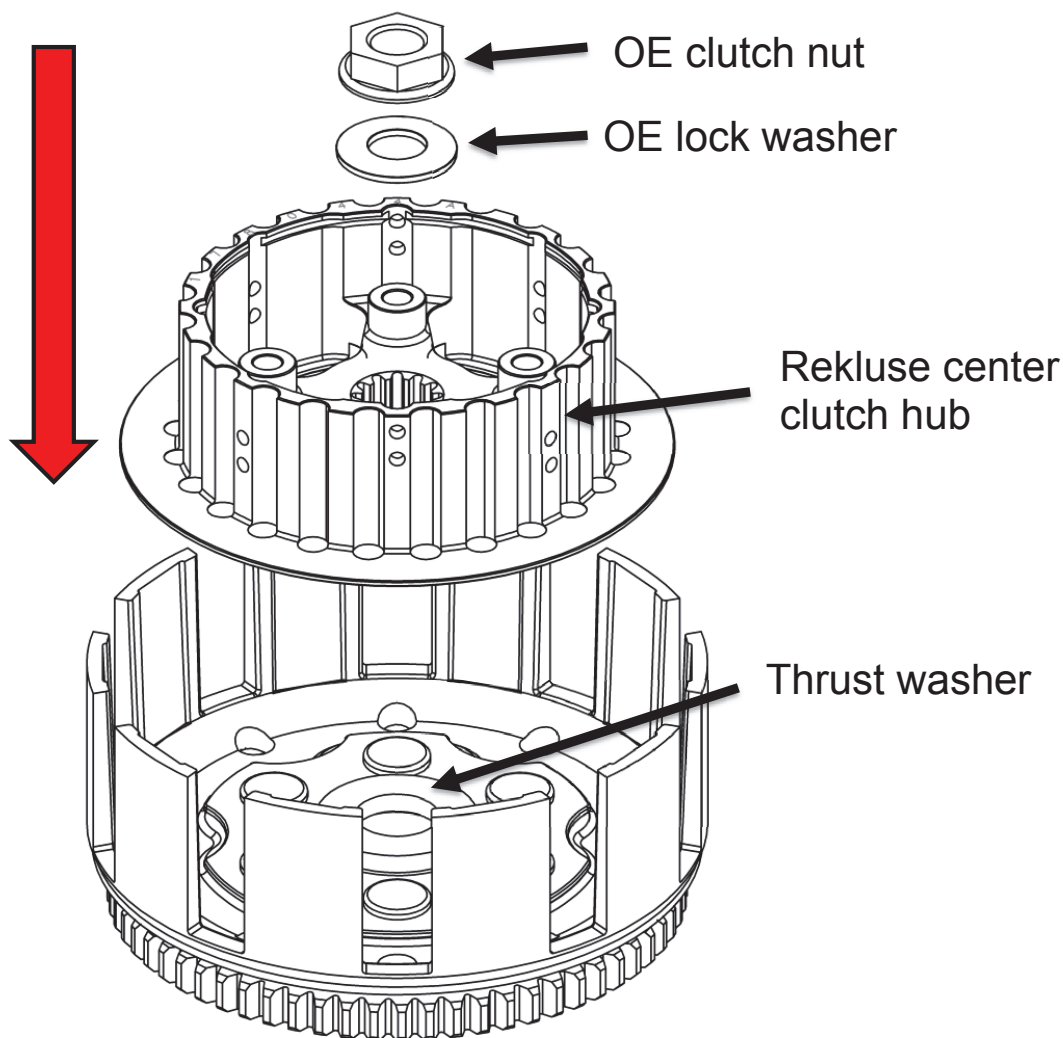
8. Separate the OE clutch pack. The OE friction disks will be reused.



9. Inspect the friction disks. Replace the frictions if they are worn or burnt. Replacements can be purchased from Rekluse or from your local dealer.

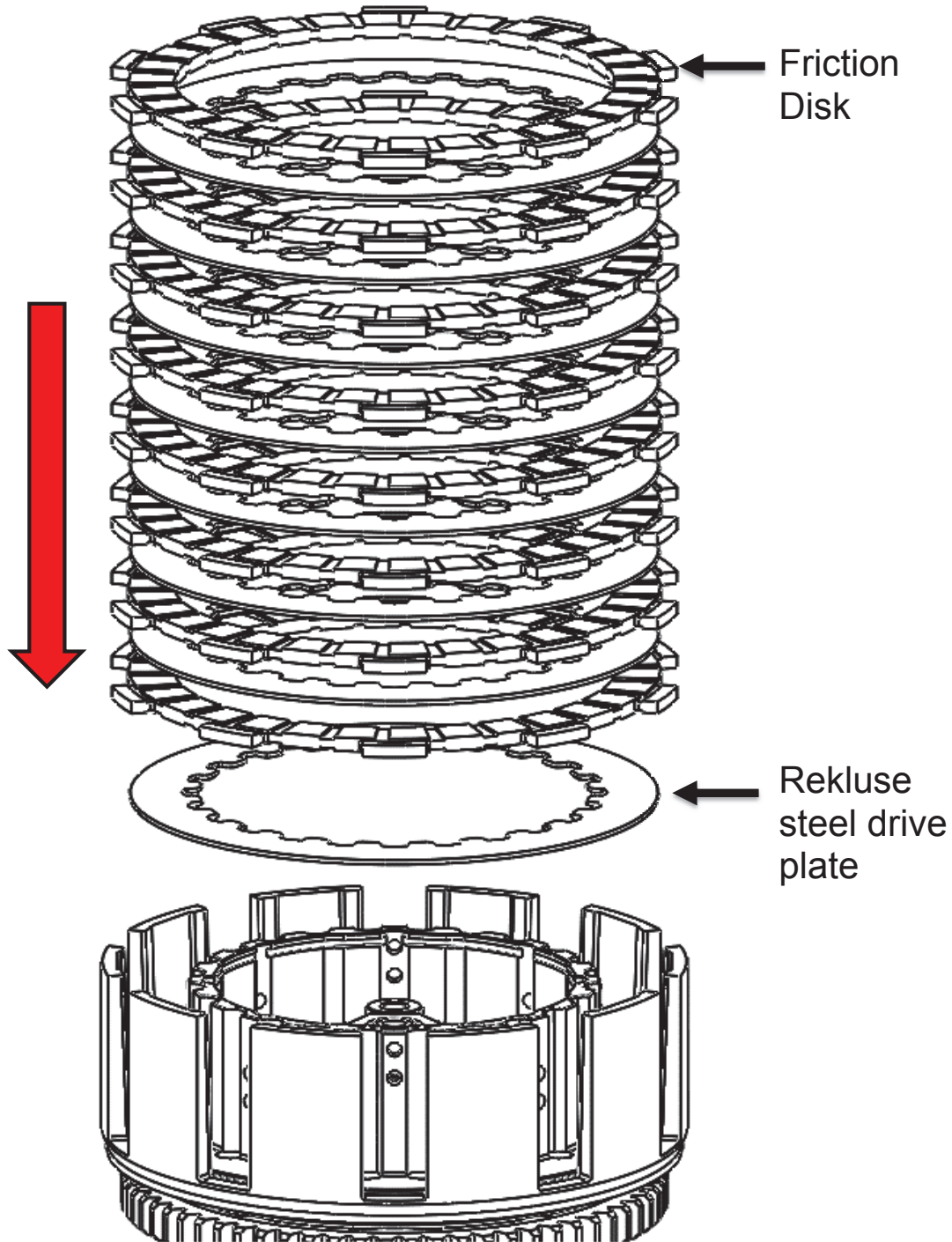
ASSEMBLE THE CLUTCH

1. Double-check that the OE thrust washer is installed in the clutch basket. *If the washer is missing, check the underside of the OE center hub.*
2. Install the Rekluse center clutch hub.
3. Reinstall the OE lock washer, then reinstall the OE clutch nut.
4. Torque the nut to **40 ft-lb (55 N-m)**. **Do not over torque**, or the clutch will drag and engine damage may occur.

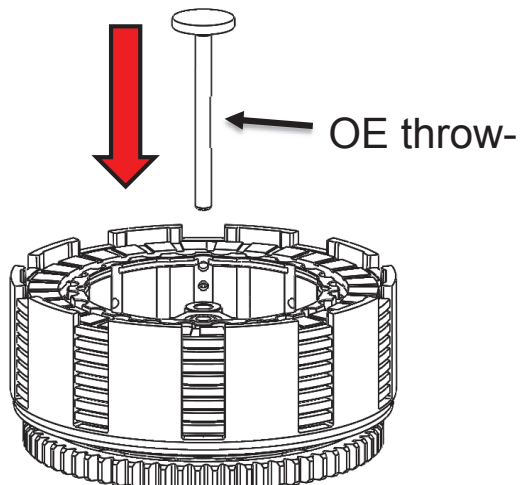


5. Install a Rekluse steel drive plate, followed by a friction disk. Continue to alternate steel drive plates with friction disks, ending with a friction disk. *You will use a total of 8 steel drive plates and 8 friction disks.*

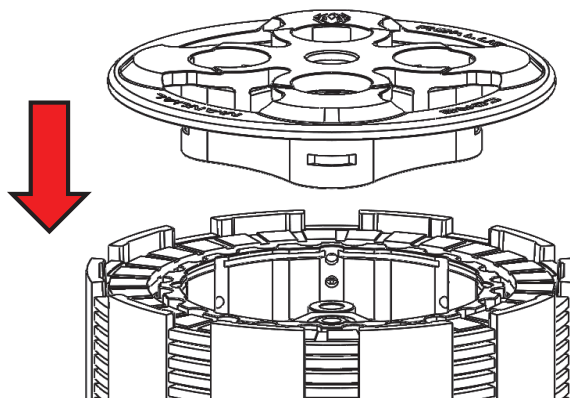
Note: There are 2 friction disks provided with your kit. The YZ65 will require the use of both, and the YZ85 will only require 1 of them to achieve the 8 total friction disks in your new clutch pack.



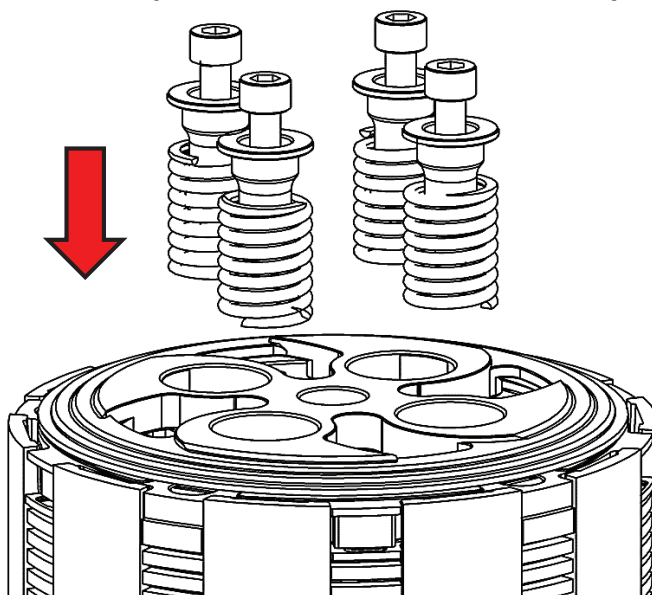
6. Reinstall the OE throw-out.



7. Install the pressure plate assembly onto the clutch pack.



8. Install the Rekluse pressure plate springs, screw sleeves, and screws, then torque the screws to **9 ft-lb (12 N-m)**.



9. Reinstall the OE dowel pins into the engine case.



10. Install the OE clutch cover gasket (or install a new gasket) onto the engine case flange.

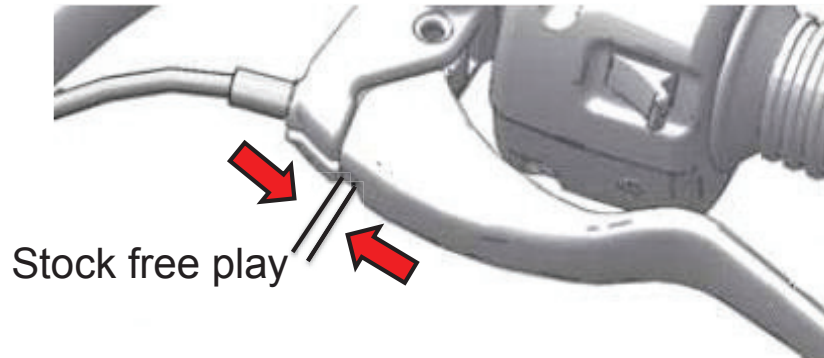
11. Install the Rekluse clutch cover using the OE clutch cover bolts. *The two longer bolts are installed in the same location as the dowel pins.*



12. Torque the bolts to **7.2 ft-lb (10 N-m)**.

SET LEVER FREE PLAY

Check the clutch lever for free play. The clutch lever should move smoothly when it is pulled toward the handlebar and return quickly when it is released. Set the free play to OEM spec.



⚠ WARNING

Failure to maintain adequate free play can cause failure or damage to the clutch. A tight clutch cable will result in clutch slip.

BREAK-IN

- The clutch will break in within the first few hours of normal riding. Until break-in is complete, you may experience more clutch drag than normal.
- It is recommended to do an oil change after the first 1,000 miles to drain any excess clutch debris that occurred from break-in.

MAINTENANCE

To keep your clutch performing at its best, perform regular maintenance on your bike and clutch.

- Keep up with regular oil changes as per the bike manufacturer's recommendations. Clutch performance and longevity depend on oil quality. Oil recommendations can also be viewed under Tech Tips on our website at www.rekluse.com/support/videos/atv-mc-support-videos.
- If you find yourself making frequent cable adjustments to fix free play or performance, it is likely time to replace worn clutch disks. Measure your friction disks and replace as necessary.
- Inspect all of your clutch parts for signs of wear or excessive heat, and replace components as necessary. Clutch wear is dependent on the rider's use.

Maintenance Protocol	Maintenance Intervals
Check and verify free play	Before and during every ride
Inspect all clutch parts for excessive wear or heat. Replace as needed.	Refer to OE service manual
Change oil, inspect and clean oil screen	Refer to OE service manual

Clutch noise

Although it is harmless, some bike models may have “squeal” or “chatter” coming from the clutch at low RPM as it engages. Clutch squeal is caused by the clutch components vibrating as the clutch engages and can become more audible as the clutch gets hot. Adjusting the installed gap will NOT affect clutch squeal or chatter.

For bike models that have clutch squeal or chatter here are some recommendations to reduce or eliminate it:

- Change the oil For optimal clutch performance Rekluse recommends using fresh, clean oil that **meets JASO-MA** oil rating requirements. Rekluse offers Factory Formulated Oil™ developed specifically for Rekluse products. Rekluse Factory Formulated Oil is a perfect complement to any OEM or aftermarket wet clutch. Visit www.rekluse.com to learn more. Dirty or old oil can make the clutch more likely to squeal or chatter.

NEED ADDITIONAL HELP?

Website

www.rekluse.com/support

Frequently Asked Questions

www.rekluse.com/faq

Support Videos

www.rekluse.com/support/videos

Phone

(208) 426-0659

Technical Support

Contact Technical Support for questions related to product installation, tuning, and performance.

Hours:

Monday thru Friday: 8:00 a.m. - 5:00 p.m.

Mountain Time zone

Email: tech@rekluse.com

Customer Service

Contact Customer Service for additional product information, orders, and returns.

Hours:

Monday thru Friday: 8:00 a.m. - 5:00 p.m.

Mountain Time zone

Email: customerservice@rekluse.com

