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HAYABUSA (99-20) ULTRA-LIGHT BILLET CLUTCH MOD INSTALLATION INSTRUCTIONS

The Ultra-Light Billet Clutch Mod for the Suzuki Hayabusa replaces the OEM back-torque limiter disabling the slipper clutch. The clutch mod is designed to reduce rotating mass, eliminate "bucking" during dead stop launches, and increase clutch life.

Check Package Contents:

The Package Contents Include:

1. One (1) Billet Clutch Mod
2. Six (6) Clutch Spring Spacers - .180"
3. Six (6) Shims - .032"

If your package contents differ, please contact Brock's Performance at 937-912-0054.

For additional installation support please refer to the OEM service manual.

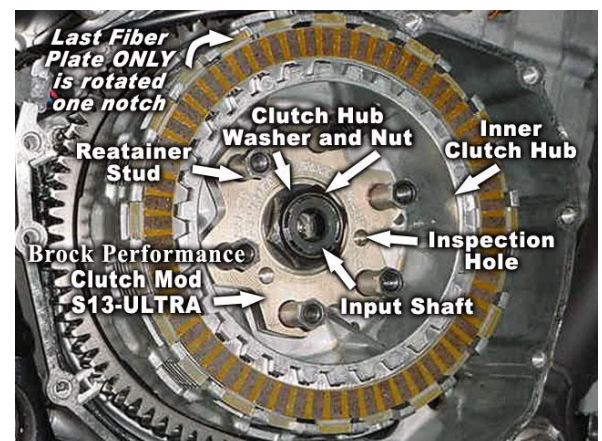
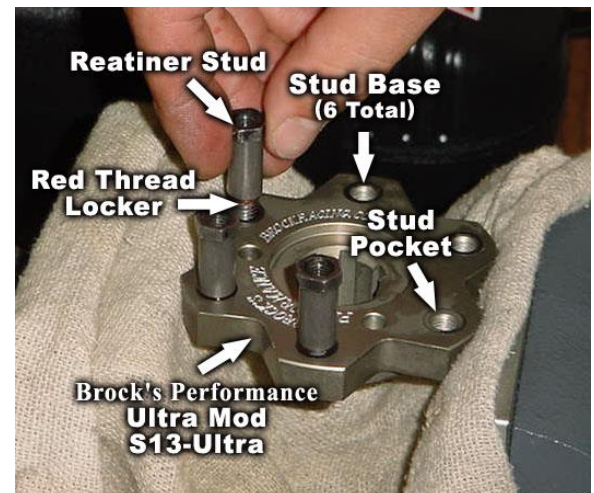
Instructions:

1. Support the bike using a wheel stand or lift.
2. Remove the clutch cover. Take to care to avoid damage to the gasket as this can be reused. Replace as needed.
3. Remove the OEM clutch springs, pressure plate, clutch spring studs.
4. Remove the clutch pusher assembly, inner clutch hub nut, and washer.

Note: A special tool is available from Suzuki to ease removal. Holding the clutch sleeve hub with a rag and using an impact to remove/install the hub nut also works.

5. Install one (1) Shim - .032" into each pocket on the clutch mod (6 total).
6. Install the OEM spring studs (or studs included with the Hayabusa Clutch Cushion Kit) into the Billet Clutch Mod. Apply red threadlocker to the threads of the spring studs and torque to 18 lb-ft (25 N-m).

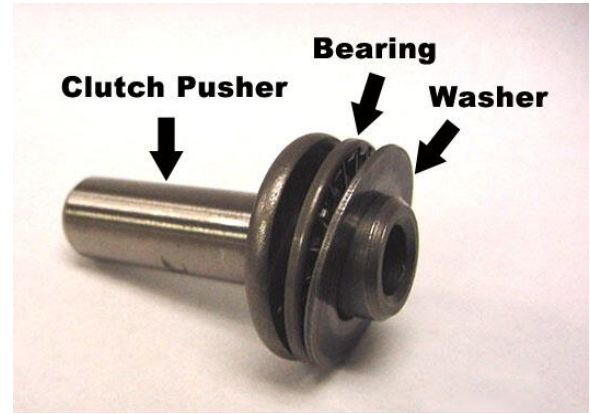
Note: Do not attempt to torque the studs with the clutch mod installed on the bike. Damage and/or improper torque may occur. Use a vice to hold the clutch mod securely.



7. Slide the Billet Clutch Mod over the input shaft. Check for proper engagement through the inspection holes.
8. Install the inner clutch hub nut and washer. Torque the inner clutch hub nut to 68.5 lb-ft (95 N·m) for (99-07) or 108.5 lb-ft (150 N·m) for (08-19). Stake nut in place after installation.
9. Install the clutch pusher assembly. Press this assembly in towards the engine to compensate for any "creep".
10. Install the OEM pressure plate and springs (use springs and hardware from clutch cushion kit if being installed).
11. Install all six (6) of the Clutch Spring Spacers - .180". Secure with OEM bolts and torque to 84 lb-in (9.5 N·m)

Note: Do not install the Clutch Spring Spacers - .180" with the clutch cushion kit.

12. Follow OEM service manual to adjust clutch freeplay.
13. Install the Clutch Cover and torque bolts to 84 lb-in (9.5 N·m).
14. Refill fluid as needed.



Attention: Although casual riding is generally unaffected after Clutch Mod installation, some rear-wheel 'chirp, hop and/or chatter' may be noticed.

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