



## GSXR1000-600 Free Play Adjustment

Improper adjustment of the throw out mechanism under the sprocket cover plug can cause serious clutch life issues with these machines.

1. Turn in cable adjuster all the way into the clutch lever assembly.
2. Do the same with the cable adjuster on the sprocket cover. (Leave @1/8 inch exposed thread above the lock nut) Tighten the lock the nut.
3. Remove the rubber plug in the center of the sprocket cover.
4. Use a 10 mm socket to loosen the lock nut surrounding the slotted screw.
5. Use a flat screw driver to tighten the screw until it resistance is felt. Do not over tighten....just allow the screw to "seat".
6. Back off the slotted screw 1/2 turn.
7. Tighten the jam nut with the 10mm socket.
8. Replace the rubber plug.
9. Adjust the free play at the lever assembly. (FYI: There should be @1/2 inch free play at the end of the lever to start).
10. Fine adjust from here until the clutch engages at the riders desired launch point.

There should be no visible glaze or smearing on the fiber plates and they should be at least as this as the minimum book specification. Steels should be flat. (Stack steels together and try to look through them towards light...if they are flat, you should not see any light.) Bluing of the steels is normal after drag strip launches.

It is critical that that the inner clutch hub is not notched. Replace or file notches smooth.

The ACR ring MUST sit flat on the rear flange of the inner hub! File any casting flash which could prevent this.

For more information go to [www.BrocksPerformance.com](http://www.BrocksPerformance.com), **click:** Installation Instructions  
**email:** [advice@brockracing.com](mailto:advice@brockracing.com) or call the Tech Line 937-912-0061

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