

## Brake Pedal Return Spring Instructions

Woodcraft's brake pedal return spring is designed for customers with aftermarket rearsets that want the positive feel of a return spring when using the rear brake pedal.

### IMPORTANT

Tighten all fasteners to factory specification or industry standard. FAILURE TO PROPERLY TIGHTEN ALL FASTENERS MAY CAUSE DAMAGE TO THE MOTORCYCLE, LOSS OF CONTROL AND SERIOUS INJURY OR DEATH

- 1) Remove the brake clevice pin that connects the rear master cylinder to the brake pedal. On some models it may be necessary to remove the right side rearset bracket in order to have access to the pin retention mechanism.
- 2) The clevice (in most cases it is an upside-down "U" shaped bracket) is retained in place with a jamb nut that is tightened down on the top of it. Loosen this nut and then remove the clevice from the threaded master cylinder shaft.
- 3) Slide the spring all the way up into the master cylinder, over the rubber debris seal that most models typically have in use. A light coat of WD 40 on the rubber seal can ease this process.
- 4) Slide the spring base so that the protrusion faces up (in order to retain the spring completely). Next, reinstall the jamb nut and then the clevice by threading them up the rod until they are at the same height as they were prior to the spring installation. The clevice should rest up against the jamb nut.
- 5) Temporarily reinstall the clevice pin and then sit on the motorcycle to be sure that the brake pedal is at the proper height. If height adjustments are needed please make them now.
- 6) Lock the clevice in place by securely tightening the jamb nut onto the clevice. The spring base should be preloaded against the jamb nut. Completely reinstall the clevice pin and all retention hardware.
- 7) Check the assembly again to be sure the brake pedal returns freely before use.



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