



Throttle Return Spring Kit #9680G Fits Demon Carburetors Installation Instructions

The Mr. Gasket Throttle Return Spring Kit fits King, Race, Speed and Road Demon carburetors, and is designed for positive throttle return and added safety. This kit features a custom return spring bracket that is notched to provide adjustment for eight spring tension settings. The inner and outer return springs are electro-lease nickel plated to resist rust and extension fatigue.

1. Remove lock nut, bolt, spring and washer from accelerator pump arm. **Note:** Before removing lock nut from bolt measure amount of threads protruding up past lock nut and record for future reinstallation reference.
2. Remove C-clip from accelerator pump arm pivot rod and remove arm.
3. Install spring bracket between accelerator pump arms forked section, bracket should resemble a lazy L and face forward up through bottom of forked section, align holes and slide bracket onto pivot rod and reinstall c-clip.
4. Reinstall accelerator pump arm bolt, spring, washer and lock nut. Tighten lock nut to previously noted specification from step #1.
5. Install flat washer and screw through backside of bracket and install knurled knob into middle of bracket (return spring groove to outside). Do not fully tighten.
6. Adjust knurled knob position (forward or rearward) to achieve desired spring tension. Connect return springs (inner/outer) to accelerator lever and knurled knob, (be sure knob is inserted into desired notch in return spring bracket) and tighten screw securely.