

320-1017

320-1017 Throttle Control Kit User Manual

Comprehensive instructions for installation, operation, and maintenance of the Generic 320-1017 Throttle Control Kit for 4, 5.5 & 6HP Engines.

PRODUCT OVERVIEW

The 320-1017 Throttle Control Kit is a replacement part designed for specific 4, 5.5, and 6 horsepower engines. This kit provides essential components for maintaining proper engine throttle function.

Key features of this kit include:

- 320-1017 Throttle Control Kit for 4, 5.5 & 6.0 Horsepower Repair Parts
- FITS JENNY# 320-1017
- PAC#: TIC5HG



Image 1: Overview of the 320-1017 Throttle Control Kit components. This image displays the main throttle control assembly, a mounting bracket, a tension spring, and a fastening screw, all essential for engine throttle repair.



Image 2: Alternate view of the 320-1017 Throttle Control Kit. This perspective highlights the connection points and the overall construction of the throttle control mechanism, providing a clearer understanding of its design.

SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of the throttle control kit. Always ensure the engine is off and cooled down before beginning any installation work.

1. **Safety First:** Disconnect the spark plug wire to prevent accidental engine start-up. Ensure the engine is completely cool.
2. **Identify Components:** Familiarize yourself with all parts included in the kit: the throttle control assembly, mounting bracket, spring, and screw.
3. **Remove Old Throttle Control:** Carefully detach the existing throttle control mechanism from the engine. Note the original connections and routing of any cables or linkages.
4. **Mount the Bracket:** Secure the new mounting bracket to the designated location on the engine using appropriate fasteners. Ensure it is firmly attached and does not wobble.
5. **Attach Throttle Assembly:** Connect the throttle control assembly to the carburetor or throttle linkage according to your engine's specific design. Refer to your engine's service manual for precise connection points if needed.
6. **Install Spring:** Attach the tension spring between the throttle control assembly and its anchor point on the

engine or bracket. The spring provides the necessary return tension for the throttle.

7. **Secure with Screw:** Use the provided screw to secure any remaining components or to adjust the tension/position as required.
8. **Check Linkages:** Manually operate the throttle control to ensure smooth movement and proper engagement with the carburetor. Verify that the throttle opens and closes fully without binding.
9. **Reconnect Spark Plug:** Once installation is complete and verified, reconnect the spark plug wire.

Note: If you are unsure about any step, consult a qualified mechanic or refer to your engine's specific service manual.

OPERATING INSTRUCTIONS

The throttle control kit is designed to regulate engine speed. Its operation is typically straightforward once installed correctly.

- **Engine Start-up:** Follow your engine manufacturer's instructions for starting the engine. Ensure the throttle control is in the appropriate position (e.g., "Start" or "Idle") before attempting to start.
- **Adjusting Engine Speed:** Move the throttle control lever or knob to increase or decrease engine RPM (revolutions per minute). Moving the control towards "Fast" or "High" will increase engine speed, while moving it towards "Slow" or "Idle" will decrease it.
- **Smooth Operation:** Operate the throttle control smoothly. Avoid sudden, jerky movements, which can cause engine stalling or damage.
- **Engine Shutdown:** To shut down the engine, move the throttle control to the "Stop" or "Off" position, if available, or use the engine's dedicated kill switch.

MAINTENANCE

Regular maintenance ensures the longevity and reliable performance of your throttle control kit.

- **Visual Inspection:** Periodically inspect the throttle control assembly, bracket, spring, and screw for any signs of wear, corrosion, or damage. Check for loose connections.
- **Cleaning:** Keep the throttle control mechanism clean and free from dirt, debris, and excessive grease. Use a clean cloth to wipe down components.
- **Lubrication:** Apply a small amount of light machine oil or a suitable lubricant to pivot points and moving parts to ensure smooth operation. Avoid over-lubrication, which can attract dirt.
- **Spring Tension:** Verify that the return spring maintains adequate tension. If the spring appears stretched or weak, it may need replacement.
- **Linkage Check:** Ensure all linkages connected to the throttle control are free-moving and not binding.

TROUBLESHOOTING

This section addresses common issues you might encounter with the throttle control kit.

Problem	Possible Cause	Solution
Throttle control is stiff or sticky.	Lack of lubrication, dirt/debris, bent linkage.	Clean and lubricate moving parts. Inspect linkages for damage and straighten or replace if necessary.
Throttle does not return to idle.	Weak or broken return spring, binding linkage.	Replace the return spring. Check and free any binding linkages.
Engine speed is inconsistent.	Loose throttle control connections, worn components.	Ensure all connections are secure. Inspect components for wear and replace if necessary.
Throttle control feels loose.	Loose mounting bracket or assembly screws.	Tighten all mounting screws and fasteners.

If the issue persists after attempting these solutions, it is recommended to consult a professional mechanic.

SPECIFICATIONS

Feature	Detail
Part Number	320-1017
Compatible Engines	4 HP, 5.5 HP, 6 HP
Material	Metal
Power Source	Manual
Included Components	Throttle Control Kit
Country of Origin	USA
ASIN	B0F676YN9T
Date First Available	August 13, 2020

WARRANTY AND SUPPORT

This product is typically covered by a standard return policy. For specific warranty details, including duration and coverage, please refer to the terms provided by the seller at the time of purchase or contact the manufacturer directly.

For technical support or inquiries regarding replacement parts, please contact the seller or manufacturer using the

contact information provided with your purchase documentation.

Typical return policy: **30 days** for refund/replacement.

Optional protection plans may be available for extended coverage:

- 3-Year Protection Plan
- 4-Year Protection Plan
- Complete Protect (monthly plan)

Note: Availability and terms of protection plans may vary.