Form No. 3396-558 Rev A

High-Altitude Kit

Installation Instructions

⚠ WARNING

CALIFORNIA
Proposition 65 Warning

This product contains a chemical or chemicals known to the State of California to cause cancer, birth defects, or reproductive harm.

Install this kit on the carburetor of the engine to help increase engine performance and decrease exhaust emissions at high altitudes. Install this kit if you expect the engine to run continuously above 1500 m (5,000 ft) in altitude. If you operate the engine at high altitude without this kit installed, the engine could experience poor performance, spark fouling, hard starting, and increased emissions. Once you have installed the kit, attach the high-altitude label next to the serial decal on the machine.

Important: Do not operate an engine that has been converted for high-altitude use at lower altitudes; otherwise, you could overheat and damage the engine. Remove the kit from the engine and restore the engine to its original factory configuration when you run it at lower altitudes.

Installing the Kit

1. Remove any covering necessary to access the carburetor.
2. Remove the carburetor.

   Note: Mark the bowl orientation to the carburetor body and then tighten to the original point.
3. Unscrew the bolt on the carburetor-float bowl from the carburetor.
4. Unscrew the standard jet from the carburetor.

   Note: The jet on the carburetor is configured in 1 of 2 ways; refer to Figure 1 and Figure 2.

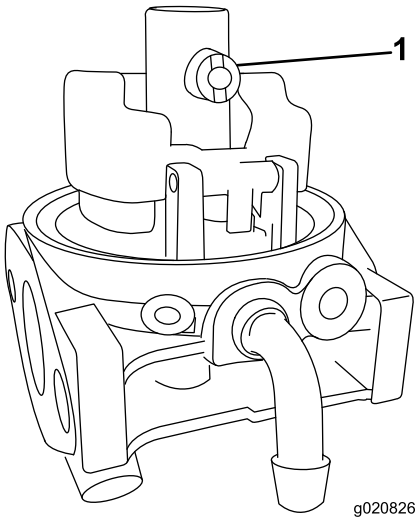


Figure 1

1. Jet

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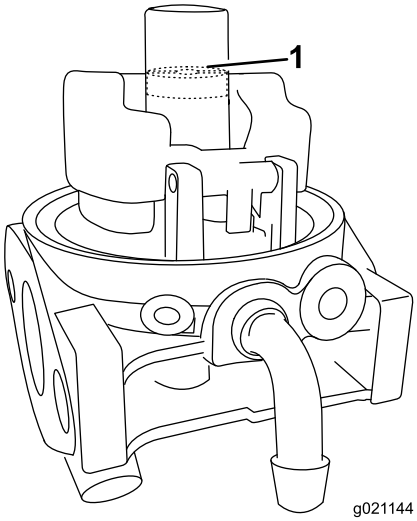


Figure 2

1. Jet

5. Install the high-altitude jet into the carburetor.

   Note: Do not overtighten the jet; otherwise, the jet head will strip. Torque the jet to 1.2 to 1.5 N-m (10.6 to 13.2 in-lb).

   Note: Save the standard jet from the carburetor so that you can install it when you use the machine at lower altitudes.

6. Replace the float chamber O-ring with the new one.
7. Install the carburetor-float bowl by aligning the marks made in step 2.
8. Install the carburetor and other coverings back onto the machine.

   Note: Torque the carburetor float bowl bolt to 1.2 to 1.5 N-m (10.6 to 13.2 in-lb).

9. Place the high-altitude label next to the label for the model and serial number.
10. Start the engine to ensure that it runs normally.