Installation Instructions for 50054
The InJEGtor Scoop

Finish Note:

Thank you for your interest in JEGS brand products and for purchasing an InJEGtor Faux Carbon Fiber Scoop. The carbon fiber finish is a film type application over the base aluminum casting, this process is proprietary but does involve, resins and clear coating just like you would expect with a premium paint job on your car. Therefore please handle it with care as you would a finish painted part you were to install on your car. To minimize potential damage to the surface, we have pre-installed the butterfly kit. Some minor adjustment might be necessary once you have hooked up your linkage.

Safety Guidelines:

It is the sole responsibility of the installer/user to insure that all linkage(s) operates freely and without binding or sticking. Serious damage to property or personal injury could occur as a result.

1. Determine which side of the carburetor(s) that you will attach the linkage to.

2. Insert the throttle shaft with the splined end toward this side of the carburetor(s).

3. Install the butterfly plates using the 9 stainless button head socket cap screws and lock washers provided.

4. Rotate the throttle shaft from the closed to the open position and back, checking for clearance. Make adjustments as necessary and tighten the butterflies to the shaft.

5. Install the air cleaner base(s) onto the carburetor(s) with the slots running from front to rear on the engine utilizing a straight edge on each side for alignment.

6. Install the air cleaner stud(s) and test fit the element(s) and top assembly(s) by adding a flat washer and wing nut. Set the scoop onto the base plate(s) and check for stud clearance on the inside of the unit. Shorten the stud(s) as needed by removing them first from the carburetor(s). Test fit again until the desired clearance is achieved. Tighten the air cleaner(s) in place while utilizing a straight edge for alignment.

7. Install the scoop to the base(s) by aligning all of the holes and secure with the supplied 1/4” flat washers, 1/4” lock washers and 1/4”-20 bolts provided.

8. Attach the throttle shaft arm to the splined end of the throttle shaft approximately 10-15 degrees forward with the butterflies open approximately 1/8”-3/16” to simulate the idle condition. Install the socket head cap screw into the arm but do not tighten at this time.

9. Thread a 1/4”-28 hex nut all of the way onto each end of the offset linkage rod. Partially thread a linkage swivel onto each end of the offset linkage rod.

10. Connect the offset linkage rod to the throttle shaft arm and the carburetor linkage. Adjust the linkage so that the butterflies are open approximately 1/8”-3/16” with the throttle in the closed position. Install the 1/4”-28 nylon lock nuts only finger tight.

11. Rotate the throttle shaft from the closed to the open position and back, a checking for binding and full operation. Adjust as necessary. **Be sure to check for smooth and non-binding operation of both linkages (carburetor and air cleaner) and the butterfly assembly from throttle closed to full open. Make sure that the throttle does not stick open and will return to full closed with an appropriate return spring assembly.** Tighten all of the linkage and the throttle arm set screw from step 8.