

- 4) By rotating the throttle rod, check to make sure that throttle plates turn without hitting the scoop or support brackets. Make any necessary clearance adjustments to the plates so that there is no contact with the scoop. Then tighten securely the throttle plate screws.
- 5) Screw air cleaner studs into carburetors. Check length of studs with air scoop clearance. If needed, cut studs to desired length.
- 6) Set the base mounting flange onto the carburetors. Place air filter elements and air cleaner tops onto the base mounting flange. Next, use the air cleaner stud wing nuts to tighten entire assembly to the carburetors.
- 7) Place the air scoop over top of the air cleaner unit so that tapered holes line up with the slots in the base mounting flanges. Use the $\frac{1}{4}$ "-20 x $\frac{1}{2}$ " whiz lock screws & $\frac{1}{4}$ " flat washers to fasten base mounting flanges to the air scoop securely. Need to insert the screws from the under side of the base flange and screw into the tapered holes on the air scoop.
- 8) Slide the throttle arm onto the "SPLine" end of throttle rod so that it is approximately 15° ahead of vertical. Using the #6-32 x $\frac{1}{2}$ socket head set screw, tighten arm to rod enough so that it can still rotate.
- 9) Install ball joint assembly to carburetor throttle lever. Tighten using $\frac{1}{4}$ -28 whiz lock nut.
- 10) Screw $\frac{1}{4}$ -28 jam nut onto the throttle linkage rod. Then screw throttle linkage rod into the ball joint assembly on the carburetor.
- 11) Screw $\frac{1}{4}$ -28 jam nut onto the carburetor end of throttle linkage rod. Screw ball joint assembly onto linkage rod. Position so that threaded stud on the ball joint can slip through the hole in the throttle arm. Tighten securely with lock nut.
- 12) The throttle linkage rod should now be connecting the carburetor throttle arm with the scoop throttle arm. Open the throttle plates to about $\frac{3}{16}$ " open. Check the total travel of the throttle plates with the carburetor fully open. Adjust throttle plate rod's position on the throttle arm to achieve desired plate movement. Once adjustments have been made, tighten the setscrew on the throttle arm.
- 13) If needed, additional adjustments can be made on throttle arm positioning by repositioning ball joint assemblies. Tighten all jam nuts once adjustments are complete.
- 14) The carburetor linkage attached to the scoop must work freely and without binding. User discretion is advised.
- 15) Before closing the hood, check air scoop for proper clearance.

Note: This product is not legal for street use on pollution-controlled vehicles.