

## **Installation Instructions**

### **396-427 Chevy with Holley 4500 Series Carburetors**

**(AED 7100)**

- 1. Assemble the large spherical rod ends on the two 5/8" Sq. x 2" long brackets. Make sure the notched portion of the bracket is facing down. Bolt the notched end to the carburetor base.**
- 2. Slide the serrated shaft thru the front spherical rod end with the long serrations toward the rear carburetor. Next slide on one of the locking collars with set screw. Slide in two serrated arms facing toward the front of the vehicle. Position the arms slightly less than 90 degrees from each other. Slide the serrated shaft into the rear spherical rod end.**
- 3. Slide on first the other locking collar with set screw, and then a serrated arm onto the front of the serrated shaft. The front arm should line up fairly close perpendicular with the rear arm.**
- 4. Tighten the screws on both the arms and locking collars. \*\*\*Caution it is not necessary to overly tighten these screws as the serrations prevent the arms from slipping\*\*\***

5. Assemble the small spherical rod ends onto the two long hex bars. The end of the hex bar which has the groove on the outside is the left hand thread. Install one end of each of the now assembled linkages onto the arms using 10-24x7/8" bolts and lock nuts.

6. Enclosed with the linkage kit are two different types of carburetor arm spacers. One series of carburetor arms has a 3/16" hole and one has a 1/4" hole. The spacers for the 1/4" holes have a turned down portion which fits into the carburetor arm. The 3/16" spacers are a straight spacer. Select the spacers that fit your carburetor and install the other end of the linkage onto the carburetor using the 10-24x7/8" bolts and lock nuts.

7. By rotating the two turnbuckles, it is now easy to synchronize the carburetors. \*\*\*It is not necessary to remove the linkage to adjust the carburetors. \*\*\* After the linkage has been set, secure the 3/8" nuts at the ends of the turnbuckles.

8. Remove the two center manifold bolts and install the throttle bracket using the two 3/8"-16x1 3/4" bolts. Assemble the short turnbuckle linkage and install one end onto the arm on the throttle bracket using the 10-24x7/8" bolts and lock nuts.

9. Adjust the length of the short turnbuckle until the linkage works smoothly and does not go over center. After this adjustment is set, tighten the two 3/8" nuts at the ends of the turnbuckle. It may be necessary to re-orientate the top arm for optimum smoothness. The inside arm on the throttle bracket may then be moved to the position best suited to your pedal linkage.