

## INSTALLATION METHOD FOR PCE476.1001



### INSTALLATION

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. Fasten the notched end to the carburetor base.
2. Slide the serrated shaft through the front spherical rod end with the long serrations towards the rear carburetor. Next, slide on one of the locking collars and fasten set screw. Slide in two serrated arms facing toward the front of the vehicle. Position the arms slightly less than 90o from each other. Slide the serrated shaft into the rear spherical rod end.
3. Slide on the first assembly of locking collar from Step 2 and slide a serrated arm onto the front of the serrated shaft. The front arm should be perpendicular with the rear arm.
4. Fasten the screws on both the arms and locking collars.

**NOTE:** DO NOT over tighten the screws.

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 the 10-24 (7/8" long) bolts and lock nuts.
6. There are two different carburetor arm spacers (one with a 3/16" hole, the other with a 1/4" hole). Select the spacer that fits your carburetor and install the other end of the linkage onto the carburetor using the 10-24 (7/8" long) bolts and lock nuts.
7. It's easy to synchronize the carburetors by rotating the two turnbuckles. After the linkage has been set, fasten the 3/8" nuts at the ends of the turnbuckle.

**NOTE:** It is not necessary to remove the linkage to adjust the carburetor.

8. Remove the two center manifold bolts and install the throttle bracket using the two 3/8-16 (1.75" long) bolts. Assemble the short turnbuckle linkage and install one end onto the arm on the throttle bracket using the 10-24 (7/8" long) 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, fasten the two 3/8" nuts at the ends of the turnbuckle.

**NOTE:** 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.