



INSTALLATION INSTRUCTIONS

396-427 CHEVY WITH HOLLEY 4500 SERIES CARBURETORS

1. Assemble the large spherical rod ends on the two 5/8" SQ. X 2" long brackets as shown in photos 1 & 2. Make sure the notched portion of the bracket is facing down. Bolt the notched end to the carburetor base as shown in photos 1 & 2.

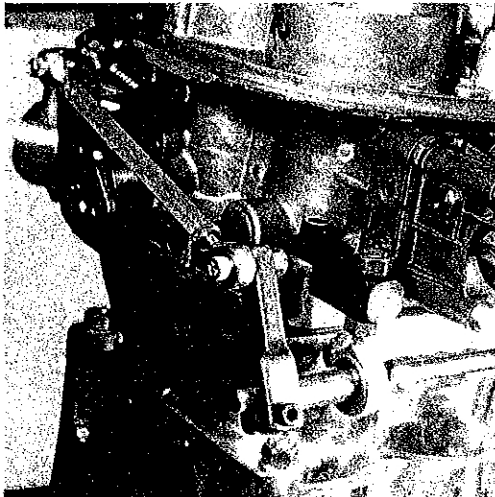


PHOTO #1

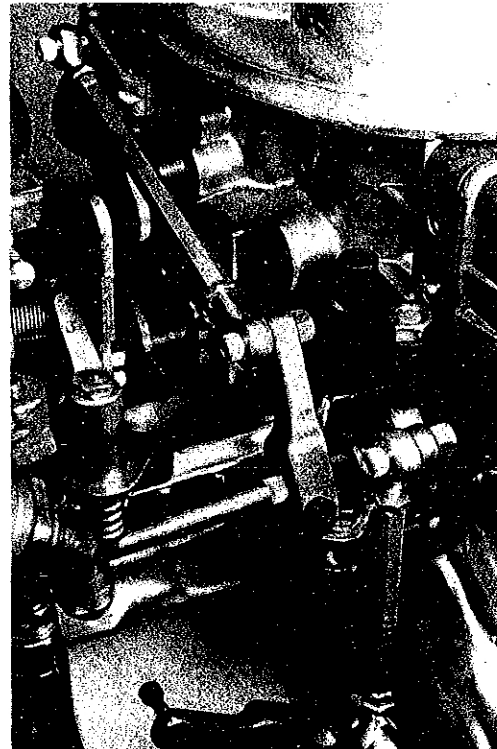


PHOTO #2

2. Slide the serrated shaft thru the front spherical rod end with the long serrations toward the rear carburetor. Next, slide on the short locking collar that has the set screw in it. Slide on one long arm & then one short arm facing in the direction as shown in photos #2 & 3. Position the arms slightly less than 90° from each other. Slide the serrated shaft into the rear spherical rod end.
3. Slide first the long spacer & then a long arm onto the front of the serrated shaft as shown in photo #1. The front arm should line up fairly close perpendicular with the rear long arm.
4. Tighten the screws on both the arms and short locking collar. 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 long aluminum arms using the 10-24 X 7/8" bolts & locknuts. See photos 1 & 2.

6. Enclosed with the linkage kit are two different types of carburetor arm spacers. One series of carburetor arms has a 3/16" hole & 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 & install the other end of the linkage onto the carburetor using the 10-24 X 7/8" bolts & locknuts. See photo #3.
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.

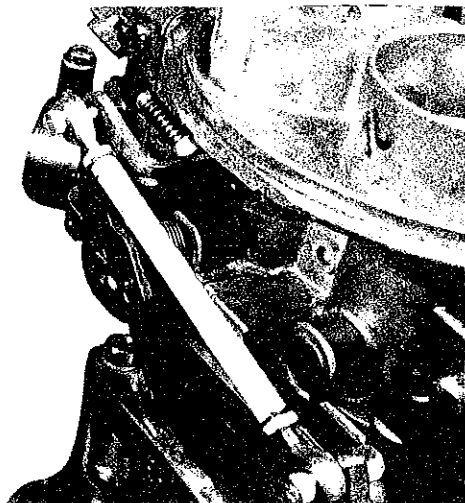


PHOTO #3

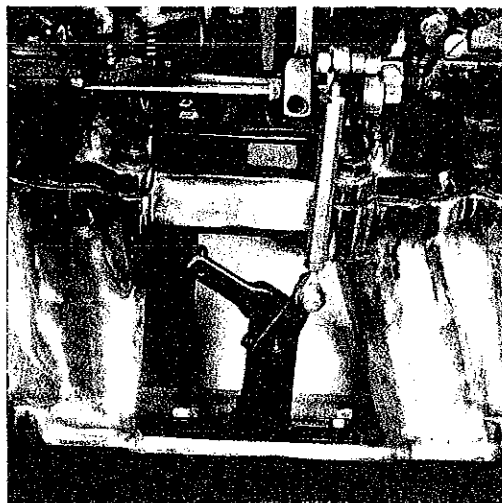


PHOTO #4

8. Remove the two center manifold bolts & install the throttle bracket using the two 3/8-16 X 1 1/2" bolts as shown in photo #4. The short arm goes on the outside. Assemble the short turnbuckle linkage & install one end onto the short arm on the throttle bracket using the 10-24 X 7/8" bolts & locknuts.
9. Adjust the length of the short turnbuckle until the linkage works smoothly & 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 short arm for optimum smoothness. The inside long arm on the throttle bracket may then be moved to the position best suited to your pedal linkage.

