

Installation Instructions for 15776

Big Block Chevy with Tunnel Ram and Side Mount 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.

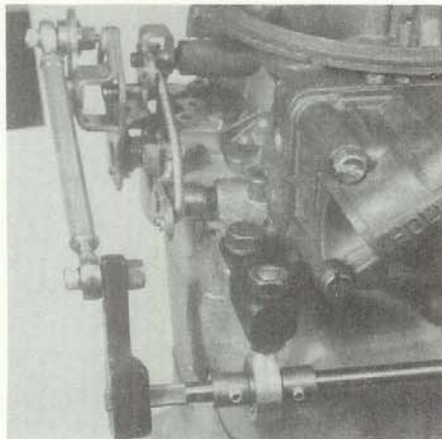


PHOTO #1

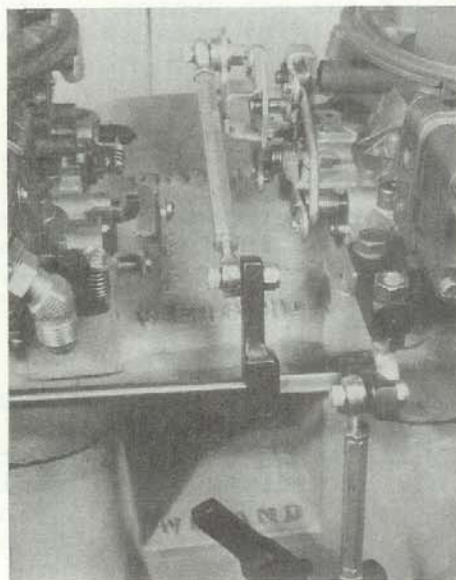


PHOTO #2

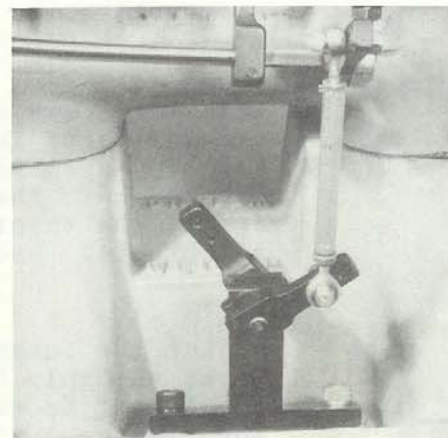


PHOTO #3

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 short locking collars that have set screws. Slide on the two rear arms 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 other short locking collar & then the front arm onto the serrated shaft as shown in photo #1. The front arm should line up fairly close perpendicular with the rear arm.
4. Tighten the screws on both the arms & 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. Assemble one end of the now assembled linkages onto the aluminum arms using the 10-24 X 7/8" bolts & locknuts. See photos 1 & 2.

6. Enclosed with the linkage kit are two pair (four pieces) of carburetor arm spacers. These are installed on both sides of the portion of the arm that has the large hole. Install the other end of the linkage onto the carburetor using these spacers & the 10-24 X 1" bolts & locknuts.
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 & install the throttle bracket using the two 3/8"-16 X 1-1/4" bolts. See photos 2 & 3. Assemble the short turnbuckle linkage & install one end onto the top arm & the other end onto the outside arm of the throttle bracket, using the 10-24 X 7/8" bolts & locknuts. Use the inside holes on the arms.
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 linkage. It may be necessary to re-orientate the top linkage arm for optimum smoothness. The inside arm on the throttle bracket may then be moved to the position best suited to your foot pedal linkage.

