

*Tunnel Ram
Linkage Kit – 426 HEMI
#160005*



INSTALLATION INSTRUCTIONS

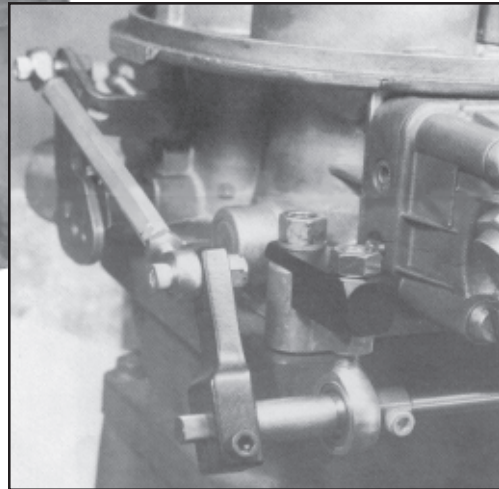
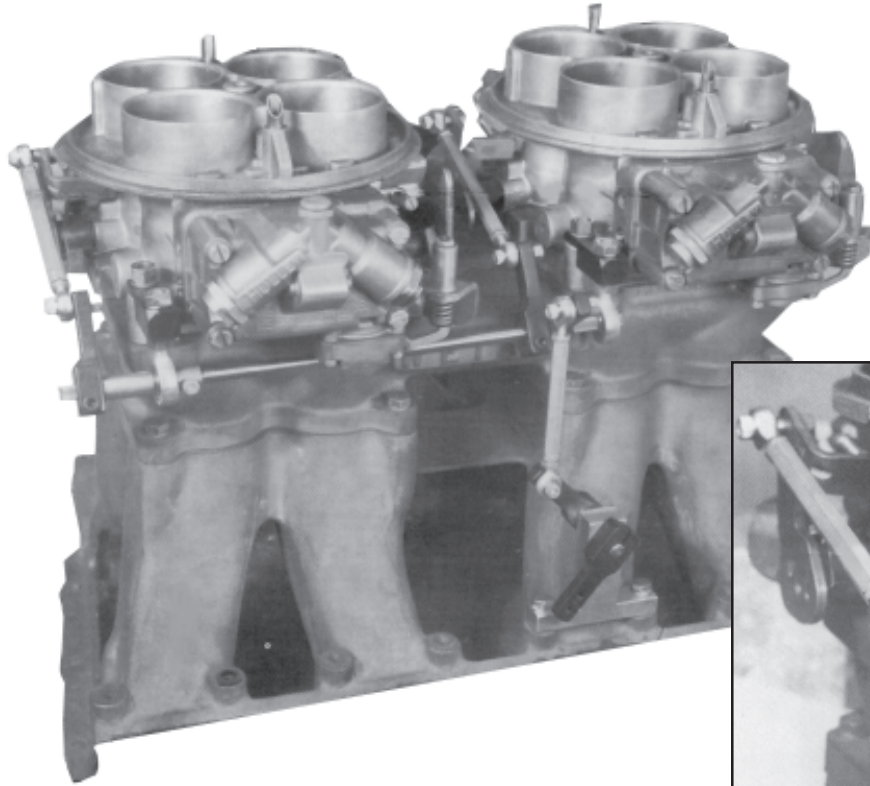


Photo 1

1. Assemble the large spherical rod ends on the two 5/8" sq. x 2" brackets as shown in photos 1 and 2. Make sure the notched portion of the bracket is facing down. Bolt the notched end to the carburetor base as shown.
2. Slide the serrated shaft through 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 the two rear arms facing in the direction as shown in photos 1 and 2. Position the arms slightly less than 90° from each other. Slide the serrated shaft into the rear spherical rod end.

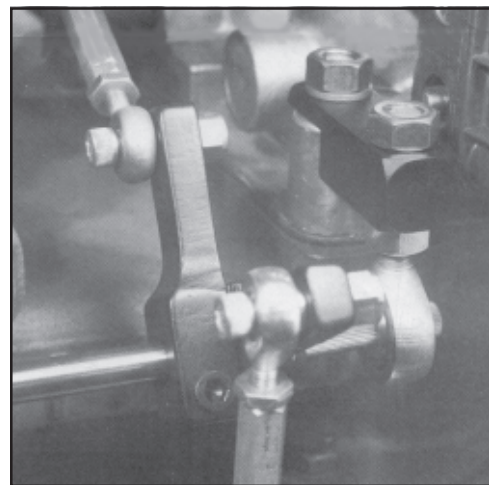
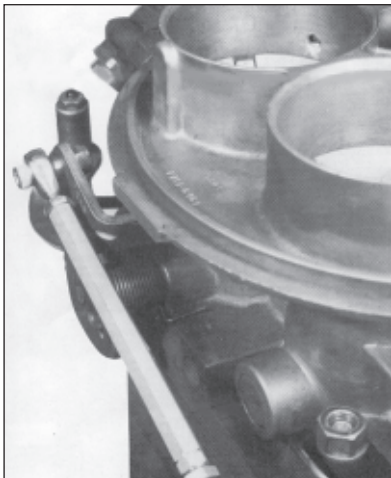


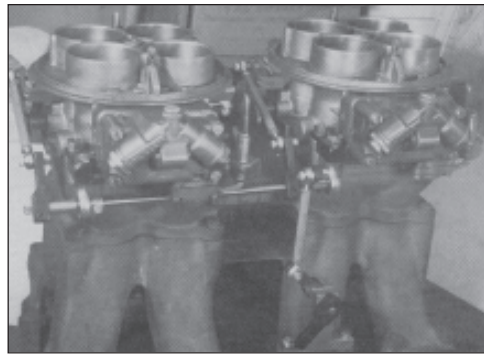
Photo 2

3. Slide first the long spacer and then the front arm onto the serrated shaft as in photo 1. The front arm should line up fairly close, perpendicular with the rear 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 aluminum arms using the 10 – 24 x 7/8" bolts & locknuts. See photos 1 and 2.
6. Enclosed with the linkage kit are two different types of carburetor arms 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 – 24 x 7/8" bolts and locknuts. See photo below.



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.

For further questions, please contact our technical department at (706) 864-8544.



8. Remove the two manifold bolts that are directly over #5 cylinder. See photo above. The throttle bracket has two holes that are offset to one side. Install the bracket onto the manifold with the offset portion to the outside as shown in photo 5 using the two 1/4 – 20 x 3" bolts. Assemble the short turnbuckle linkage. When bolting this linkage to the arms it is necessary to install the 3/16" lockwasher between the spherical rod end and the aluminum arm on both the throttle bracket end and the serrated shaft end. See photos 5 and 6. Use the outside holes on the arms.

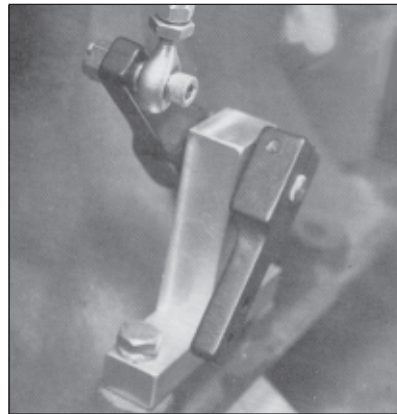


Photo 5

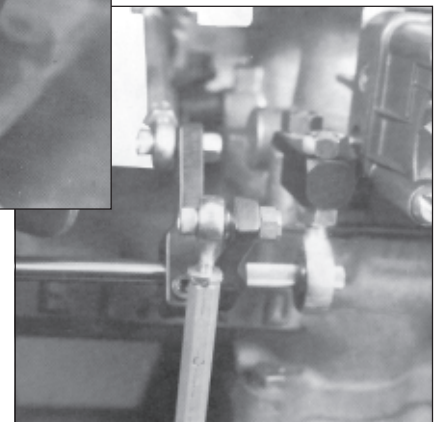


Photo 6

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 linkage arm for optimum smoothness. The outside arm on the throttle bracket may then be moved to the position best suited to your foot pedal linkage.