

# ***E-76-107/E-76-108 Instructions***

*Good Vibrations Motorsports*

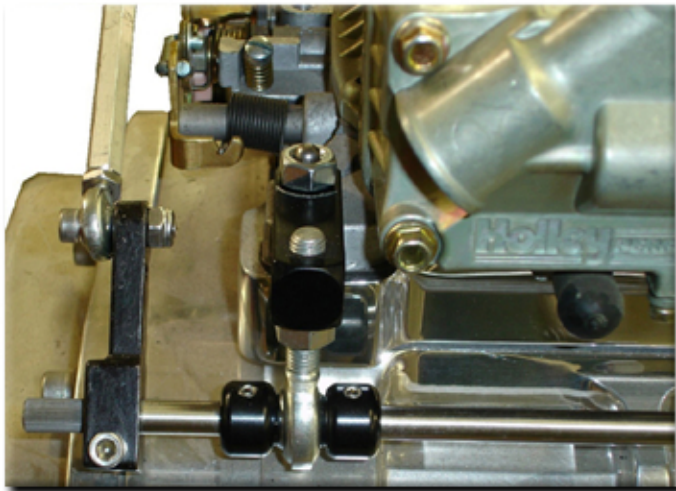
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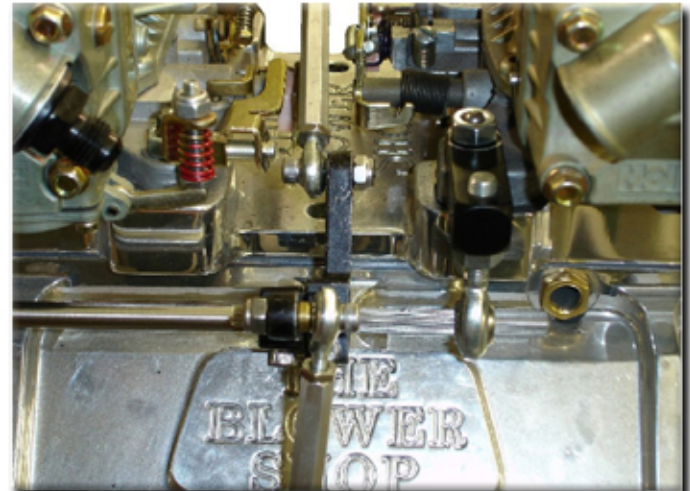
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- 1.) Assemble the large spherical rod ends on the two 5/8" sq. x 2" long brackets as shown in photos 1 and 2. make sure the notch portion of the bracket is facing down. Bolt the notched end to the carburetor base as shown in photos 1 & 2.
- 2.) Slide the long serrated shaft thru the left spherical rod end with the long serrations to the right. Next, slide on one of the short locking collars that have set screws. Slide on the two right arms facing in the direction as shown in photos 2 & 3. Slide the serrated shaft into the right spherical rod end.

*(Photo 1)*



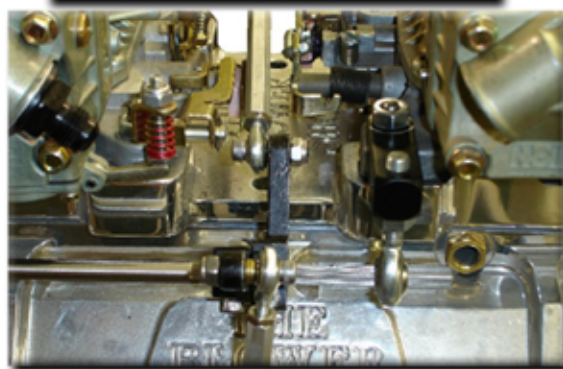
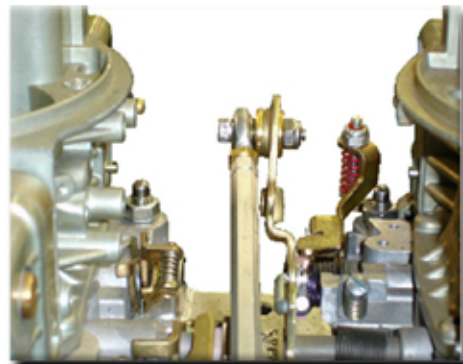
*(Photo 2)*



- 3.) Slide first the other short locking collar and then the left arm onto the serrated shaft as shown in photo 1. The left arm should line up fairly close perpendicular with the right 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 hex bars. The end of the hex bar which has the groove on the outside is the left hand thread. Select two of the new assembled linkages and attach one end to the linkage arms that line with the carburetor arms. Use the 10-24 x 7/8" bolts and lock nuts. See photo 1.
- 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 and the 10-24 x 1" bolts and 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" hex nuts at the ends of the turnbuckles.



8.) Assemble the "T" shaped bracket with the needle bearing onto the manifold plate using the two 1/4" x 1" hex bolts and washers. Note that the bolt holes are offset towards the inside. See photo 4. Replace the two center manifold studs with the longer studs provided in the kit. Assemble the two arms and short serrated shaft into the needle bearing portion of the bracket as shown in photo 4. The entire assembly can now be bolted to the supercharger.

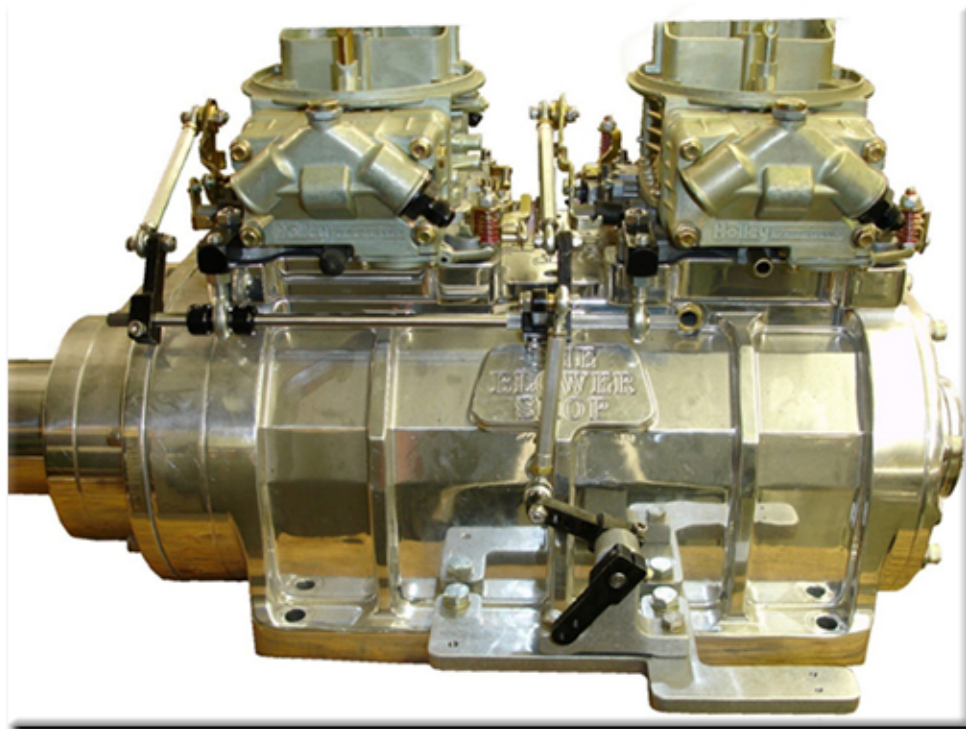


(Photo 3)

9.) The remaining turnbuckle assembly is now used to connect the manifold bracket to the top linkage arm. Use the 10-24 x 1" bolts and locking nuts. It is necessary to insert the short 5/16" dia. spacer between the arm and spherical rod end on both ends of this turnbuckle as shown in photos 3 and 4.

10.) The lower manifold plate is designed for using the Morse cable and quick disconnect clamp. These units are installed as shown in photo 5. Included in the linkage kit is a female spherical rod end that is used in conjunction with the Morse cable.

(Photo 5)



(Photo 4)

