

INSTRUCTIONS

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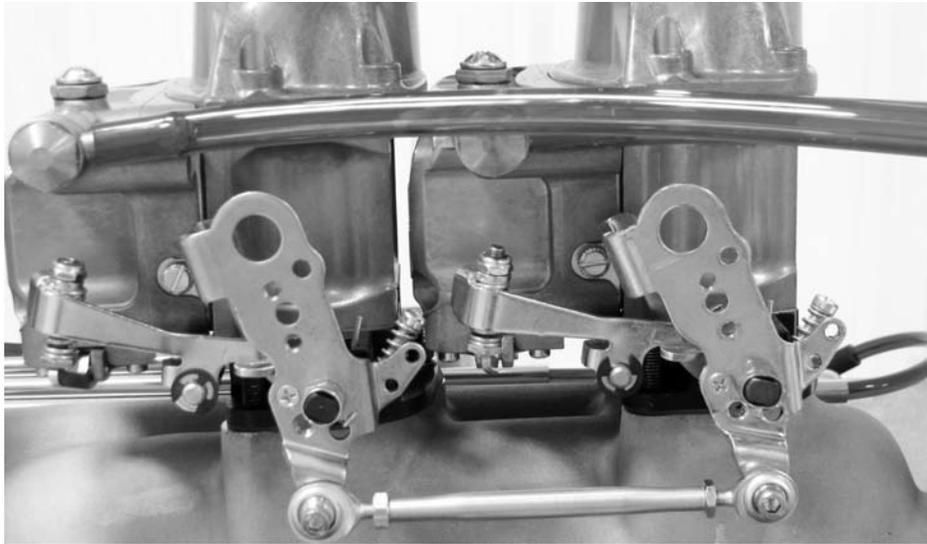
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DEMON 98 MULTI CARB LINKAGE KIT

This linkage kit is designed for Demon 98 carbs on 2 carb non-progressive and 3 x 2 progressive manifolds. It can also be used on a variety of other multiple carb systems with minimal modifications.

WARNING: It is the responsibility of the user that any modifications to throttle or carb linkage on their vehicles be done in such a manner as to assure positive spring return of throttle blades to avoid over rev of the engine or injury resulting from a stuck throttle.

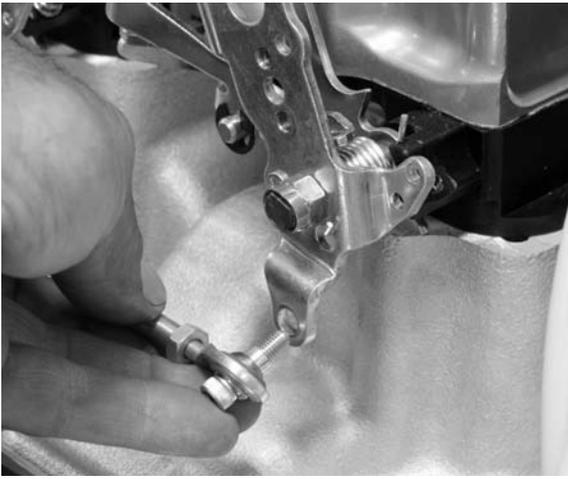


TWO 2 BBL NON-PROGRESSIVE SETUP

1. Assemble the linkage rod by installing the jam nuts on the rod ends and inserting the rod ends into swedge tube (note that they are right and left hand threads). Leave 2 or 3 threads exposed on each end.
2. Insert a stainless steel cap screw through the rod end eyelet and secure with one of the small threaded spacer bushings. Repeat on the other rod end.



3. Install linkage end on lower hole of throttle arm on both carbs by inserting the bushing through hole in throttle arm and secure with washer and locknut.



4. Connect vehicle throttle linkage into one of the upper holes of rear carb throttle arm, install return spring in suitable location to assure positive throttle return. Make certain that throttle pedal travels freely and allows carbs to advance to wide open throttle.

NOTE: If the transmission kickdown cable or throttle linkage of your particular vehicle dictates that it be connected to the lower hole in the carb arm, the linkage kit may be installed in one of the upper threaded holes of both throttle arms.



5. With throttle blades of both carbs closed adjust the link length so that both carbs hit the idle stop screw at the same time. Tighten rod end jam nuts. Back off idle speed screw of the front carb 2-3 turns. Engine idle speed adjustments will now be made at the rear carb. Start engine and proceed with carb adjustment and synchronization.

THREE 2 BBL PROGRESSIVE SETUP

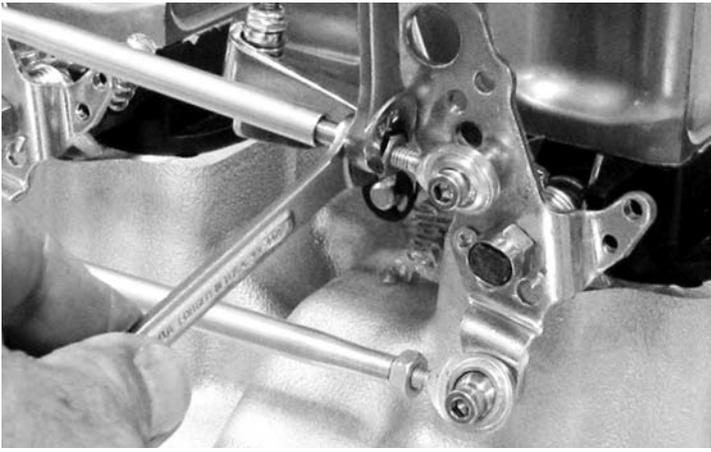


1. Install secondary linkage between the front and rear carb as in steps 1-3 above.

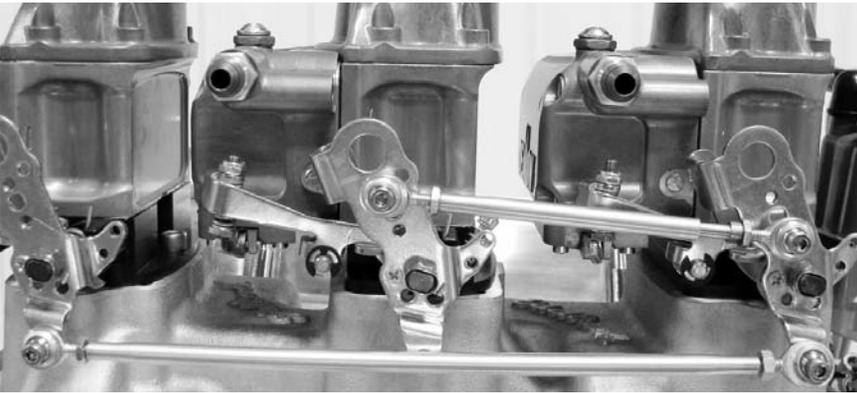
2. Assemble progressive slide link by installing jam nuts on rod ends and threading 1 rod end into hollow swedge tube and 1 rod end into stainless steel slider, leaving 2 or 3 threads exposed.



3. Connect slider link to the upper threaded hole in center carb throttle arm, connect other end of slider link to the lower threaded hole in the rear carb throttle arm.



4. Adjust secondary linkage so that both the front and rear carbs contact the idle stop screws. Back off idle speed screw of front carb 2-3 turns. Adjust slider link so that all 3 carbs reach WOT at the same time.



5. Start engine and proceed with carb adjustment and synchronization. On initial start up the idle speed will most likely be too high, reduce idle speed at the rear carb. Continue to adjust the rear carb idle screw until the throttle blades of both secondary carbs are lightly seated. Final mixture and idle speed adjustments are then made at the center carb.

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