



6201 Industrial Way * Marine City, MI 48039 * Phone 810-765-5100 * Fax 810-765-1503

PROPER ADJUSTMENT OF THE FAST EFI 4 BARREL LINKAGE

1. Remove the cotter pin from the linkage bar where it goes through the primary throttle lever.
2. Turn the primary throttle stop screw out so the primary throttle plates are fully closed in the primary bores.
3. Adjust the secondary linkage bar so the linkage pin is snug in the throttle lever hole, and the secondary plates are barely starting to open in the secondary bores.
4. Turn the linkage bar $\frac{1}{4}$ turn tighter and install and pin in place. On larger displacement engines (454 + displacement) turn the linkage connecting rod an additional $\frac{1}{4}$ turn (total of $\frac{1}{2}$ turn). The secondary plates should be visibly opened slightly when the primary throttle plates are fully closed.
5. NOTE: The secondary linkage pin installs in the lower of the 2 holes in the primary throttle lever.
6. Adjust the primary throttle lever stop so that the primary throttle plates visibly match the opening of the secondary.
7. On a fully warmed up, running engine (in closed loop), idling in park or neutral, gradually open the primary throttle stop screw until little or no air is passing through the idle air control inlet hole at the upper rear of the throttle body.



6201 Industrial Way * Marine City, MI 48039 * Phone 810-765-5100 * Fax 810-765-1503

8. If properly done, on cold start, the Idle Air Control should open to let air in for a fast idle, gradually closing as the engine warms up.

Rev 2-2-15 BH