

INSTALLATION INSTRUCTIONS

For Annular Discharge Booster Kit Part No. (85R-6160)

Read this entire instruction sheet before beginning the installation of the annular discharge boosters. This kit is designed to replace the stock venturi boosters with the annular discharge boosters for increased throttle response in the following Holley model 4500 carburetors; Part Nos.: O-8896, O-4575, O-6464, O-6214, O-7320 and O-8082. This kit should consist of: 4 annular discharge booster assemblies and 4 booster retention pins.

1. Remove the primary and secondary fuel bowls and metering blocks from the carburetor.
2. Remove the (4) booster retention tubes Fig. #1. It is suggested that an E-Z out screw extractor (not supplied in kit) be used to remove the retention pin. Extreme care must be taken when removing the retention tubes, to avoid breaking the E-Z out.
3. After the tubes have been removed, pull the stock venturi boosters out of the carburetor main body.
4. Push the new annular discharge boosters into the main body of the carburetor. It may be necessary to lightly tap the booster assemblies into the carburetor to completely seat them in the carburetor main body Fig. #2.
5. After the booster assemblies are installed, press in the new booster retention tubes Fig. #1, making sure they are completely seated in the main body.
6. Reinstall the metering blocks and fuel bowls, using new gaskets.

MODIFICATIONS:

Drag strip testing has shown the following:

1. Smaller accelerator pump discharge nozzles should be used.
2. The main metering jets should be replaced with ones approximately 4 numbers smaller than those used when running the stock venturi boosters.

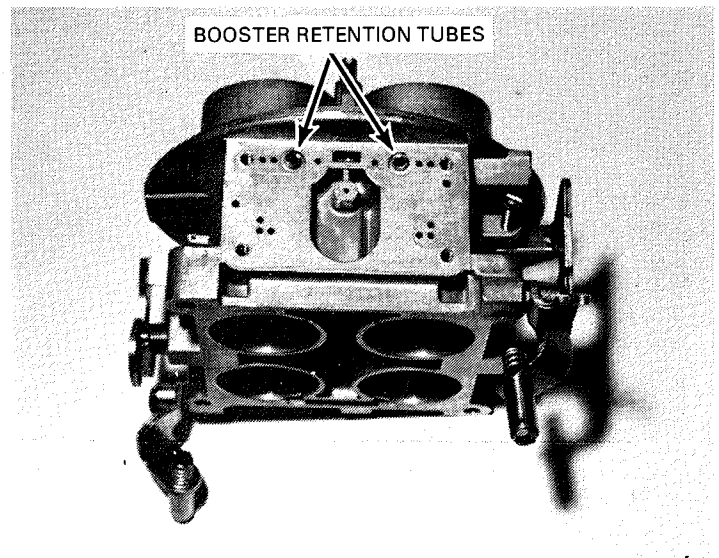


Fig. 1

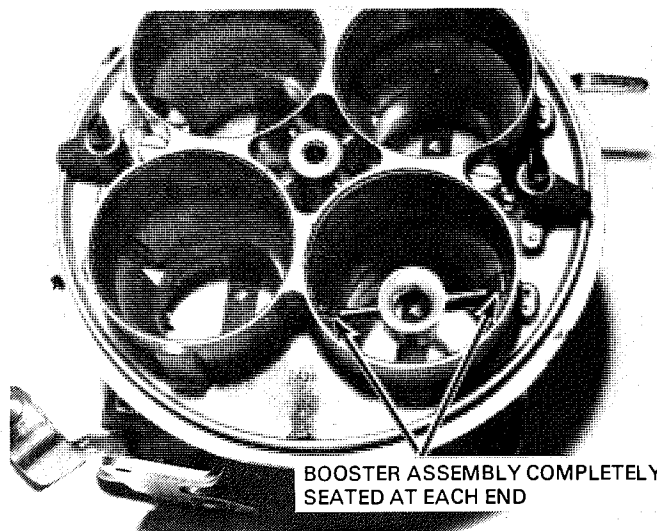


Fig. 2