



## SERVICE BULLETIN

AIRCOOLED MOTORS INC.

SYRACUSE 4, NEW YORK

DATE: 2/23/50  
Revised 6/1/55

NO. B-79

**SUBJECT:** CARBURETOR DISTRIBUTOR ZONES AS USED ON THE MODEL  
6A4-150 AND 6A4-165 ENGINES

We have received a few reports of cracks in carburetor distributor zones Part No. 17454, as used on Model 6A4-150 and Part No. 18572 as used on Model 6A4-165. These were discovered at overhaul of the engine.

The distributor zone is the aluminum casting to which the carburetor is mounted. Cracks were found on the main body of the zone just below the ribs which are part of the extended section which attaches below the oil pan mounting flange. No reports of erratic engine operation were ever received; however, any cracked zone should be replaced.

No changes have been made in the zone for the 6A4-150 model; however, the ribs were slightly extended on the zone for the model 6A4-165 as a precautionary measure.

The following instructions should be followed in any case where the zone assembly is removed or replaced:

- 1) With the zone held in position, tighten the nut, at the oil pan mounting flange, lightly to bring the machined face of the extension up against the bottom of the oil flange plate.
- 2) Install and tighten the two long cap screws which go through the zone at the top section. Never install and tighten these screws before performing Operation 1.
- 3) Tighten the nut at the oil pan stud to the proper torque.
- 4) Check to see that there is no strain at the air inlet attachment to the carburetor that could cause any possible pull at the base of the carburetor.
- 5) Check the engine mount condition and adjustment. The distance from the upper metal washer above the top engine mount to the base of the bottom metal washer under the lower rubber mount should be 1-11/16".

FRANKLIN SERVICE BULLETIN

FRANKLIN SERVICE BULLETIN