



FRANKLIN SERVICE BULLETIN

NO. 65 Revised

DATE: March 2, 1948

SUBJECT: MAGNETO SHOCK ABSORBER DRIVES ON FRANKLIN ENGINES MODEL 6A4-150-B3, 6A4-150-B31 AND 6A4-165-B3

Effective with Franklin engine model 6A4-165-B3, serial #32084, the eight magneto gear drive absorbers used with each magneto gear installation are replaced by a single absorber under part #18560. With this change, a new magneto drive gear, part #18543, is also used.

For your information, on all engines model 6A4-165-B3, beginning with serial #32084, it will not be necessary to inspect and replace this new type absorber at the 300 hour period. With the eight individual absorbers used previously, this is a requirement at the 300 hour period, as outlined on page 13 of the service manual covering the above subject number engines.

In any case where it becomes necessary to replace magneto gears, part #11045, replacement may be made using gear #18543 with absorber #18560. Both gear and absorber are required for the replacement for all model 6A4-150-B3, B31, and all 6A4-165-B3 engines earlier than serial #32084. Aircooled Motors, Inc. Service Parts Division will service only the later type gear, but will service the earlier type cushions for cases where gear replacement is not made and cushions are required.

In any case where gear and late type cushion are installed on the earlier engines, the engine serial number on the engine name plate should be designated with the suffix "M". (Example: 32071M) With reference to replacements on model 6A4-150-B3 and B31 engines, serial number series are 11000, 12000 and 13000, and numbers should carry the suffix "M" in any case where gear #18543 and absorber #18560 are installed.

The above is for your information.

AIRCOOLED MOTORS, INC.

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