

MARK-3[®] 185cc Composite Fan & Ignition System Spare Parts

TECH-NOTE

Overview

There have been several updates to the MARK-3 cooling fan and ignition system. The following Tech-Note will outline these changes.

Composite fan

The R-603 aluminum cooling fan (800113) has been replaced by the R-603N composite polymer fan (701110):

- Material is glass fiber reinforced nylon;
- The new fan is approximately 0.3 lb lighter (46% weight reduction);
- The composite fan is a direct replacement to the aluminum fan.

For mounting the new fan, use Lockwasher M5 Teeth Serrated (801163) instead of R- 791 Split Lockwasher (800489) to provide a better grip on the composite.

A different locking tool will be required when removing the flywheel nut. See the next section for details.

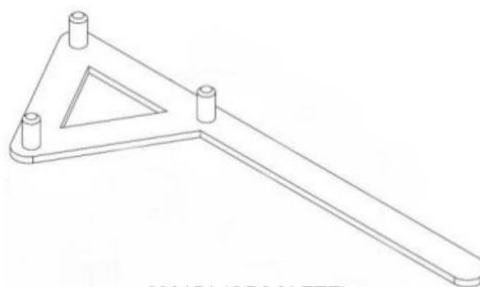


701110 (NEW)

Piston locking tool

The R-929 Flywheel Holding Tool (600154) can damage the composite cooling fins during the removal and installation of the flywheel and collar coupling nuts. It has been replaced by the Piston Locking Tool (701159).

To prevent the crankshaft from rotating during the removal and installation of the flywheel and collar coupling nuts, screw the piston locking tool onto the cylinder head through the spark plug hole and slowly rotate the crankshaft until the piston reaches the protective plastic tip.



600154 (OBSOLETE)



701159 (NEW)

CDI/POINT ignition parts

Magneto for electronic ignition (CDI) 701109 is now available as an individual spare part.

Magneto housing 600534 is now available as a spare part. The magneto housing is:

- Compatible with all CDI ignition engines;
- Compatible with point ignition engines with serial number 2776900 and higher.



701109 (NEW)



600534 (NEW)

Assemblies of Flywheel/Magneto/Fan with composite fan are replacing the assemblies with the aluminum fan. Identical compatibility as the magneto housing.

- For CDI: R-667N-ES (600535) replaces R- 667N-E (800095);
- For POINT: R-667NS (801164*) replaces R-667N (800090).

***Important:** R-667NS Flywheel/Magneto/Fan assemblies for POINT ignition (801164) are available in **limited quantities**. Once the stock is depleted, the item will no longer be available due to obsolescence of magneto tooling.



600535 for CDI (NEW)



801164 for POINT (NEW)

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