

RATCHET-TYPE BARREL DRIVE PRODUCT INSTRUCTION SHEET

:: Notice ::

The barrel and gear assembly should be locked in the extended position (for the EBB75A and EBB142A models only, all others are not necessary). Proceed with installation of the drive on the starter shaft. Upon installation to the aircraft engine, carefully mesh the drive pinion with the flywheel ring gear. If the gear does not mesh perfectly with the gear, turn the barrel gear end slightly.

Once the starter is mounted to the engine, start the engine. As soon as the engine fires, the drive will automatically be dis-engaged and released from the locked position.

This drive is designed to lock into the ring gear and assure positive starting. Not until the engine is running will the gear release (approx. 5,000-8,000 pinion r.p.m.).

(Over)

The ratchet mechanism is designed to give an over-running effect after the engine starts to prevent the engine from driving the starter assembly.

LUBRICATION:

The drive is lubricated at the factory. No further lubrication is needed before installation in the starter. Be certain that the starter motor shaft is clean and free from burrs.

IMPORTANT:

Service drive assembly and shaft each 50 hours.

1. Wash clean with Oleum Spirits.
2. Lubricate with spray silicone only. Do not use oil or graphite.



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