

# SOLENOIDS – GPL STARTERS



## LAMAR STARTER SOLENOIDS

Silver contacts provide 300A in-rush capability. Much higher than the original units. Strong spring and high-current coil for quick contact opening - minimizing arcing. Single coil terminal (other end connected to case).

Model No.	Volts	Description	Part No.	Price
STS-12S	12	Starter Solenoid	07-03562	\$76.75
STS-24S	24	Starter Solenoid	07-03563	\$94.75
STS-12M	12	Battery/Master Solenoid	07-03564	\$76.75
STS-24M	24	Battery/Master Solenoid	07-03565	\$99.85
STS-12A	12	Continuous Duty (Aux) Solenoid	07-03566	\$76.75
STS-24A	24	Continuous Duty (Aux) Solenoid	07-03567	\$94.75

## GPL ELECTRIC STARTERS

GPL Electric offers an electric starter kit for several rotax engines. This unique system not only allows you to retain pull start, but also allows you to keep oil injection (if present) otherwise, a cover plate can be used (if space constrained). This system safely engages the ring gear at a 90 degree angle, then fully disengages from the crankshaft. The gpl electric starter kit will not disable the engine due to malfunction, so it is the safest designed after market starter kit available for rotax engines and is made in the U.S.. GPL Electric also provides excellent warranty, comprehensive technical support and maintains a full replacement of parts inventory.

## GPL STARTER KITS FOR ROTAX ENGINES



### GPL Electric Starter Kit Includes:

(M8) Hi Collar Split Washer, (M6 X 90) Socket Head Cap Screw, (M6) Hi Collar Split Lock Washer, (M6 X 18) Socket Head Cap Screw, (M6) Split Lock Washer, (M8 X 25) Socket Head Cap Screw, (M8 X 22) Low Profile Socket Head Cap Screw, Main Casting (D3) Sits In The 10:00 Pos or Main Casting (D4) Sits In The 11:00 Pos, Ring Gear, Inner Spacer, Starter Motor (Heavy Duty), Loctite 242 Threadlocker, Installations Instructions, and Coverplate (If Not Retaining Pull Start)

### If Retaining Pull Start The Following Is Also Required

Outer Spacer (1), (M8 X 12) Hex Head Cap Screw (3), (M8) Split Lock Washer (3), and (M6 X 22) Socket Head Cap Screw (4)

Application	Model No.	Part No	Price
Rotax Engines (377,447,503)	03-001	15-06473	\$635.17
Rotax Engines (462,582,618,670)	03-004	15-06472	\$635.17
Rotax Engines (532 CDI)	03-005	15-08364	\$635.17
Rotax Engines (532 POINT)	03-006	15-08365	\$635.17



## GPL RETAIN PULL START KITS

Retain Pull Start Kit: Engine Specific Outer Spacer And Required Hardware (nuts/bolts).

Application	Model No.	Part No	Price
Rotax Engines (462,582,618,670)	02-29 RO	15-05373	\$135.00
Rotax Engines (377,447,503,532)	02-29 SO	15-05374	\$135.00



## GPL DELUXE STARTER KITS

The Deluxe Starter Kit Includes: Rubber Insulating Boots, Push Button Switch, Solenoid, Regulator/rectifier, 20 Amps Fuse / Fuse Holder, Cables & Wiring (aircraft Specific), Hardware (nuts/bolts). Deluxe Add On Kits Weighs 3 Lb

Application	Model No.	Part No	Price
Challenger Air Crafts (11 ft Cable)	03-009-11	15-08341	\$173.50
Other Air Crafts (5 ft Cable)	03-009-05	15-08340	\$173.50



## GPL ELECTRIC REPLACEMENT STARTER MOTORS

This motor fits all GPL Starter Kits and the Hirth F23 Engine as well. Heavy Duty Starter Motor Model 02-70HD

P/N 15-05371..... \$262.64

## REPLACEMENT STARTER MOTOR FOR ROTAX



(Replaces Rotax P/N 995-430) Voltage: 12 kW: 0.6 Condition: New Rotation: CW Starter Type: PMDD Number of Teeth: 9 Gear OD: 1.154" / 29.3mm Mtg Ear 1 Hole: M8-1.25 Threaded Mtg Ear 2 Hole: M8-1.25 Threaded Weight: 5.2 lbs / 2.36 kg. Model No. 02-80.....P/N 07-02388 ..... \$199.00

## GPL PULL START RETENTION KIT



GPL pull start retention kit for Rotax 337, 447, 503, 532 - points and 532 - CDI. P/N 15-05374 ..... \$135.00

## GPL PULL START RETENTION KIT

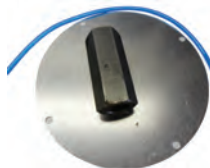


GPL pull start retention kit for Rotax 462, 582, 618, 670.....P/N 15-07970 ..... \$135.00



## GPL CLOCKWISE STARTER F33 AND CUYUNA

GPL clockwise starter f33 and cuyuna. P/N 15-08398 \$249.95



## GPL OIL INJECTION DRIVE KIT

GPL oil injection drive kit long nut pull start. P/N 15-08397 ..... \$52.53



## GPL PUSH BUTTON SWITCH

GPL push button switch - 02-22 P/N 15-08396 ..... \$25.50

SEE [WWW.AIRCRAFTSPRUCE.COM](http://WWW.AIRCRAFTSPRUCE.COM) FOR A COMPLETE LIST OF REPLACEMENT PARTS.

