

# SKY-TEC STARTERS

## SKY-TEC ST2 & KCST2 MODEL STARTERS FOR SMALL CONTINENTAL ENGINES



### SKY-TEC PULL START CONVERSION C12ST2 - FOR FACTORY KEYSTART STARTER FOR A65-12 THROUGH O-300C ENGINES

9.2 lbs., Bolt-off / Bolt-on, High Torque, Low-Current, Gasket Included, Replaces TCM starter & continuous running sprag clutch in TCM factory keystart engines. Now featuring internal, self-resetting Kickback Protection System - zero maintenance - no pin to shear.

### SKY-TEC KCST2 - STC-CERTIFIED CONVERSION KIT FOR FACTORY PULL-START ENGINES

STC Modification of Engine Required (removal of OEM starter pinion shaft in rear of engine). STC Modification of Airframe Required (replacement of pull-start T-handle with Sky-Tec-supplied push button & wiring) High Torque, Low-Current, 9.2 lbs. Now featuring internal, self-resetting Kickback Protection System - zero maintenance - no pin to shear. **Complete Conversion Kit includes:** C12ST2/S Starter, Push Button Switch, Wiring Harness, Gasket, Instructions, STC for Airframe Modification, STC for Engine Modification

### SKY-TEC KEY-START C12ST2/SR

REVERSE TURNING for Continental GO-300 Engines ONLY - Internal, self-resetting Kickback Protection System - zero maintenance - no pin to shear. 6-8 lbs. lighter and significantly more reliable than the original, heavyweight factory starter. **Also sold in a Kit (KCST2/SR)** STC Certified conversion kit includes C12ST2/SR REVERSE TURNING starter for GO-300 engines (only), push-button switch, push-to-start placard, wiring harness, two STC's (one for airframe modification, one for engine modification) and instructions. 2-year factory warranty.

Model C12ST2 (Starter only) .....P/N 07-00614  
Model C12ST2/S (Starter only) .....P/N 07-00719  
Model KCST2 conversion kit .....P/N 07-00721  
KCSW Switch and harness only .....P/N 07-00722

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## SKY-TEC ST5 SERIES STARTERS



The ST5 starter couples a high power 2.2 kW motor with an innovative solenoid-engaged (and disengaged) drive system completely disengages the powerful permanent magnet motor while the starter is unpowered eliminating possible TCM starter adapter wear while providing authoritative, high-torque starting. Positive solenoid enabled engagement and disengagement allows the TCM starter adapter to fully unwrap under all normal operating conditions thus greatly prolonging starter adapter life. Weight: 9.1 lbs.

C12ST5 .....P/N 07-01341  
C24ST5 .....P/N 07-01342

### SKY-TEC BCE-6 EXTENSION CABLE KIT

6" Battery Cable Extension kit aids the installation of starters in aircraft that have limited slack available in the aircraft's starter power cable. Generally not required for TCM starter installations. May be needed in some PM, and NL model Lycoming installations. P/N 07-00923

## SKY-TEC XLT STARTERS



The world's lightest starter ever certified for Lycoming engines. Only 6.5lbs! Only 8 inches total length and 3.5 inches tall! Left-side mounted solenoid. High torque and fast spin. FAA PMA certified for most Lycoming 4-cylinder engines from O-235 to IO-390. Low current draw. Highly durable, fortified aluminum mount/housing. No Bendix to lubricate. Nothing to maintain. 2-Year factory warranty.

Volts	Model	Recommended for	Part No.	Price
12V	122-12XLT	Engine Powered Aircraft with 10/12 pitch, 122-tooth ring gears	07-02419	---
12V	149-12XLT	engine powered aircraft with 12/14 pitch, 149-tooth ring gears	07-02420	---
24V	122-24XLT	engine powered aircraft with 10/12 pitch, 122-tooth ring gears	07-02421	---
24V	149-24XLT	engine powered aircraft with 12/14 pitch, 149-tooth ring gears	07-02422	---

## SKY-TEC STARTERS HIGH-TORQUE INLINE STARTERS FOR LYCOMING ENGINES



Featuring Sky-Tec's Exclusive KPS® Kickback Protection System, Sky-Tec's NL-series of starters fit all Lycoming powered aircraft. All NL-series starters are FAA-PMA certified as replacement parts for all non-gear, flat Lycoming engines. Sky-Tec NL-series starters fit without modification or 337 paperwork. At only 9.3 lbs., the NL-series is the lightest Bendix-free inline available. Two-year warranty.

Model No.	Voltage/Description	Pitch	FAA-PMA Eligible	Part No.	Price
122-NL	12 Volt	10/12 (for 122-Tooth Ring Gears)	Lyc 235, 290, 320, 360, 540 & 720	07-00761	---
149-NL	12 Volt	12/14 (for 149-Tooth Ring Gears)	Lyc. 235, 290, 320, 340, 360, 540	07-00762	---
149-NLR	12 Volt	12/14 (for 149-Tooth Ring Gears)	Lyc. LIO-320, LO-360, LTO-360, LIO-360, LHIO-360, & LTIO-540	07-00763	---
122-NL/ec	24 Volt Super Duty	10/12 (for 122-Tooth Ring Gears)	Lyc. 235, 290, 320, 360, 540 & 720	08-07061	---
149-NL/ec	24 Volt Super Duty	12/14 (for 149-Tooth Ring Gears)	Lyc. 235, 290, 320, 340, 360, 540	08-07059	---
149-NLR/ec	24 Volt Super Duty	12/14 (for 149-Tooth Ring Gears)	Lyc. LTIO-540	08-07060	---

## SKY-TEC HIGH-TORQUE STARTER



One of the lightest Lycoming starters available at only 8.9 lbs. Spins twice as fast as most heavyweight OEM starters. Zero maintenance - no pins to replace in the event of a kickback. FAA-PMA approved for most Lycoming engines. Some airframe applications may require minor modification for best fit. Confirm aircraft fit, ring gear tooth count and voltage before ordering. 2-Year factory warranty.

Model	Voltage	Description	Part No.	Price
122-12HT	12V	10/12 Pitch (122 Tooth)	07-06250	---
122-24HT	24V	10/12 Pitch (122 Tooth)	07-06251	---
149-12HT	12V	12/14 Pitch (149 Tooth)	07-01840	---
149-24HT	24V	12/14 Pitch (149 Tooth)	07-01841	---
149-24HT/EC	24V	Sky-Tec Starter (149 Tooth)- SuperDuty/EC	07-06255	---

## SKY-TEC FLYWEIGHT™ STARTERS FOR LYCOMING ENGINES



FAA-PMA approved for most Lycoming engines. Some airframe applications may require modification for best fit. LS model has the solenoid offset to the left side and PM model is offset to the right. Confirm aircraft fit, ring gear tooth count and voltage before ordering. Generous 2-Year factory warranty. **Note:** The LS Solenoid is at the 2:30 position and the PM Solenoid is at the 7:30 position when viewed from the front. 8.1 lbs.

Model	Part No.	Price	Model	Part No.	Price
122-12LS	07-06245	---	149-12PM	07-06253	---
149-12LS	07-06246	---	122-24PM	07-06249	---
122-12PM	07-06252	---	149-24PM	07-06257	---

### RECOMMENDED STARTER BY AIRCRAFT

For complete listing of recommended Sky-Tec™ Starters by Aircraft make & model, please see the Aircraft Spruce website for a link to the Sky-Tec™ website at [www.aircraftspruce.ca](http://www.aircraftspruce.ca)