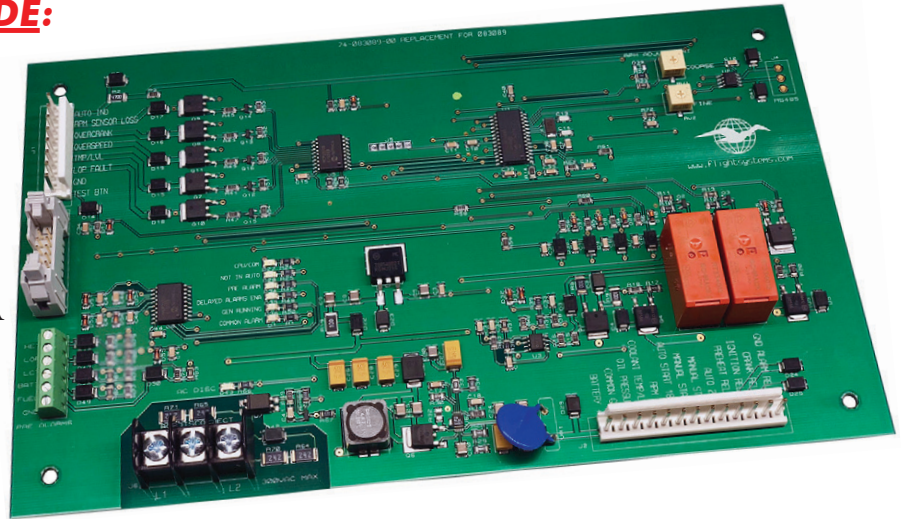


IMPROVED DIRECT REPLACEMENT FOR THE GENERAC® 0830890SRV CONTROL

OUR IMPROVED FEATURES INCLUDE:

- Drop-in Replacement
- Updated design utilizes state-of-the-art components
- Added Diagnostic Indicators
- Additional AC crank disconnect for NFPA 110 compatibility
- Pre-alarm inputs for NFPA 110 compatibility
- Added RS485 Communication Option



74-083089-00 INSTALLATION INSTRUCTIONS

RPM Calibration

1. Turn coarse pot full CCW, and FINE pot full CW.
2. Start engine and ensure that the generator is set at rated frequency.
3. Turn coarse pot slowly until the red LED on the control board turns on.
4. Turn FINE pot slowly until red LED turns OFF.
5. Turn FINE pot back slowly until red LED turns back on.
6. Manually increase engine speed to check over speed shutdown.

Optional

The 74-083089-00 is equipped with an additional AC crank disconnect and inputs for pre-alarms. *Both of these features are optional and should be ignored if not required.*

AC Crank Disconnect

Connect the outside terminals of J6 (L1 and L2) to the AC output of the generator to enable AC disconnect. This is only used as a back up and should not be used as a replacement for the mag pickup. Using the AC crank disconnect without a speed signal will result in a RPM sensor loss fault. **DO NOT EXCEED 300 VAC.**

Pre-Alarms

Pre-alarm inputs are switched to ground. This feature is only required for the use of a remote annunciator or modem. Connecting the existing pre-alarm outputs to connector J7 will allow you to access the values of these signals from the RS485 (Modbus) port J4. *Contact Flight Systems for detailed information on adding a serial remote annunciator or modem for remote communication.*



Designed & Built in USA by

FLIGHT SYSTEMS

207 Hempt Rd. Mechanicsburg, PA 17050 Ph: 717-590-7330 www.flightsystems.com

WARRANTY POLICY

Replacement Generator Controls Manufactured by FLIGHT SYSTEMS

Note: Always Refer to the Specific Generator Set Manual when Troubleshooting Problems.

This Flight Systems manufactured replacement generator control is warranted to be free from defects in materials and workmanship for a period of two years from the date it was sold. *(This date appears on unit label)*

Flight Systems' Limited Warranty covers the repair or replacement of defective product within the warranty period. It does not cover the cost of installation, or removal costs incurred, or possible damage to other equipment (including the generator or parts thereof) as a result of this product.

Flight Systems (or its authorized agent) shall reserve the right to determine the cause of malfunction. *In the case if we determine that it was due to abuse, misuse, improper installation, acts of nature (such as storms), failure to perform recommended gen set maintenance procedure or problems elsewhere in the gen set, the warranty claim shall be disallowed and established repair rates shall apply. Ship defective units directly to:*

Flight Systems, 207 Hempt Rd. Mechanicsburg, PA 17050 - Attention: Warranty Repair

Please prepay all freight charges and note the nature of the failure, if known.

Return Policy: Unwanted items may only be returned within 30 days of original purchase date. Refund/credit issued shall be less a 25% per item restocking/re-test fee as long as unit is in new, undamaged condition. *Shipping charges are not refundable.*

REBUILDING SERVICE

If this product suffers a failure when out of warranty, it can be rebuilt. As with all Generator Controls Rebuilt by Flight Systems, a One-Year Warranty will be issued. Please contact us for current rebuild pricing. *Ship units to:*

Flight Systems, 207 Hempt Rd. Mechanicsburg, PA 17050 - Attn. Repair Dept.

Please prepay all freight charges and note the nature of the failure, if known.

TECHNICAL SUPPORT

Technical support is available by phone, fax or the internet for all Flight Systems products.

Phone: 717-590-7330 (8:00am - 4:30pm ET, M-F)

Fax: 717-590-7327 Web: <http://www.flightsystems.com/>

Our Low-cost, improved replacements for over 100 Onan® Kato® Kohler® and other OE part numbers include:



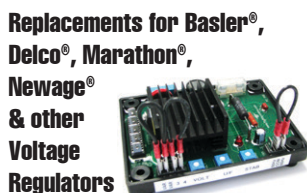
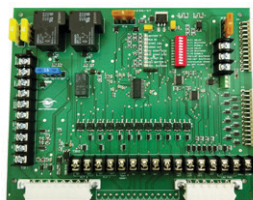
Onan® RV, Marine & Standby Gen Set/ATS Controls/VR Replacements



Replacement Kohler® DEC III Gen Set Control



Replacement Kato® Kasec® Control



Replacements for Basler®, Delco®, Marathon®, Newage® & other Voltage Regulators



'Slick Stick' Slip Ring Cleaning Tool

'G-Man' Gen Set Service Tool



Gen Set Control/Monitoring Solutions

GenStart 500

Drop-in replacement for all DGC-500 variants. Easy to use interface. No software needed!



GENPULSE Generator Exercise Monitor

Exclusive Test/Maintenance Equipment:

CONTROLS REBUILDING SERVICE

Flight Systems rebuilds over 500 different Onan®, Kohler®, Generac®, Basler®, ASCO®, Kato®, GE-Zenith® and other Generator & ATS Controls. Rebuilt-Exchange Service is often available. (1-Year warranty)

We also rebuild Cruisair® and other Marine & RV controls. Please call or see our website for a complete list.

Ph: 800-403-3728 (8-5:00 ET, M-F)

www.flightsystems.com

All FSI-built controls are proudly



and backed by a two-year warranty