



THE BARE FACTS ON MAINTENANCE

Tips On Maintaining Your Enercon Induction Cap Sealing System



Integral I Customers

Power Transistor Stock Low. Now is the Time to Trade-Up!

Nearly five years ago, the manufacturer of the TR0431 power transistor informed Enercon it would discontinue production of the device. Since this device is used in our Integral I sealer, Enercon purchased the remaining stock and informed the affected customers we would not be able to provide support service for an unlimited time. Unfortunately, we have now reached the point where our stock will not support all units in the field very much longer.

For this reason, Enercon is instituting an Integral I Trade-In Program which will allow you to trade up to the latest technology - IGBT - based Integral II, Compak, or our new air-cooled Super Seal Series. We are now working out the details of the program, and we can guarantee it will be worth your while to give this program a close look. Customers who have our Integral I Sealers or even our older SCR-based Sealers should review their current equipment, their near term future needs, and contact their Local Enercon Representative.



Refresher Course in Troubleshooting Basics

Even "old Pros" need to be reminded of the simple first steps that often make troubleshooting move faster and more efficiently. We have all fallen into habits we think will be a short cut to locating the problem. So lets step back and review that very early lesson in troubleshooting:

- Talk to the person who reported and observed the problem. Additional information may be gathered to determine the root cause of the problem.
- Allow the operator to run the equipment to demonstrate the problem while the technician checks for errors.
- Check for the simple cures before going more complicated. Check controls, switches, etc.
- Narrow down the problem to either the power supply or treater station
- Check for wire bundle, terminal, or interconnect difficulties if board replacement does not determine the problem.
- Refer to your operating manual. There are several helpful tips both on maintenance and troubleshooting.
- Access Enercon's website, www.enerconind.com, for step by step directions and supporting diagrams.

For further technical assistance, call Enercon's Service Department at (414) 250-3151.

the
enercon
edge

A Philosophy.....
borne of
excellence.....
rooted in
our people.....
& driven by
technology.

REPAIRS, CREDITS, RETURNS...

Help us provide a faster response to all your repairs, credits, and replacements! It is IMPORTANT, when calling our customer service department with a return, to inform us of the following:

- Model, Serial, and Part Number
- Who should we contact with questions?
- Does a repair first require an estimate?

The customer service department will then fax you a packing slip with a return control number. If you are unable to call us before shipping your return please include this information with your packing slip. THIS WILL PROVIDE A FASTER RESPONSE!

SERVICE VISITS

For several months now, we have asked for your feedback about the service visits we provide. The brief questionnaires provided us with the feedback we needed. *Did the visit provide a resolution? Did we respond to your requests right away? Was our technical assistance informative?* This program has proven to be effective in building better business relationships with many of our customers. Because we are always looking for ways to improve our service, we will continue to request your feedback. In addition, the same 10% discount on any parts orders, within 30 days of the service visit, will be extended along with this program.

Brown-Out Protection Modification

The following procedure will eliminate potential equipment failures due to power loss when your Integral II or Compak unit is in operation. This procedure is only required on those units containing the LM3414-01 main control board. The modification to the main control board incorporates circuitry to sense the input voltage and discontinue operation of the induction power supply when a loss or drop in the input power supply is sensed. This simple modification is easily performed by following the detailed instructions. The modification must be performed by a qualified technician. If the individual is not comfortable performing this modification, you may request a board with the modification pre-installed in exchange for your existing board (Freight charges are not included). If you have any questions about the procedure or you would like to exchange your existing board, please contact Enercon's Service Department for assistance.

EQUIPMENT REQUIRED:

Small Electronics Screwdriver
Soldering Iron with Small Tip
Solder
1-inch of Thin, Insulated Wire
WD2553-01 Wiring Diagram

NOTICE: If you are not comfortable with board level soldering, DO NOT attempt this modification.

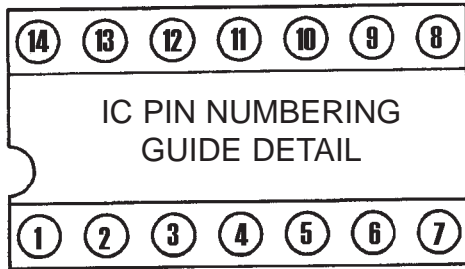
MODIFICATION PROCEDURE:

1. Turn off power to the unit with the circuit breaker. If possible, also unplug the unit from the source.
Procedures For Power Lockout Should Be Adhered To.
2. Remove the cover from the unit. This varies depending on what kind of unit is being modified.
3. Locate the main control board LM3414-01.
4. Using WD2553-01, locate U31.
5. Using a small screwdriver, carefully remove U31 from its socket.
6. Insert wire into the PIN#11 hole in U31's socket (see WD2553-01). Carefully, solder this connection.
7. Carefully, solder other end of wire to left side of R167 (see WD2553-01).
Do not replace U31.
8. Replace cover on unit and reconnect power.

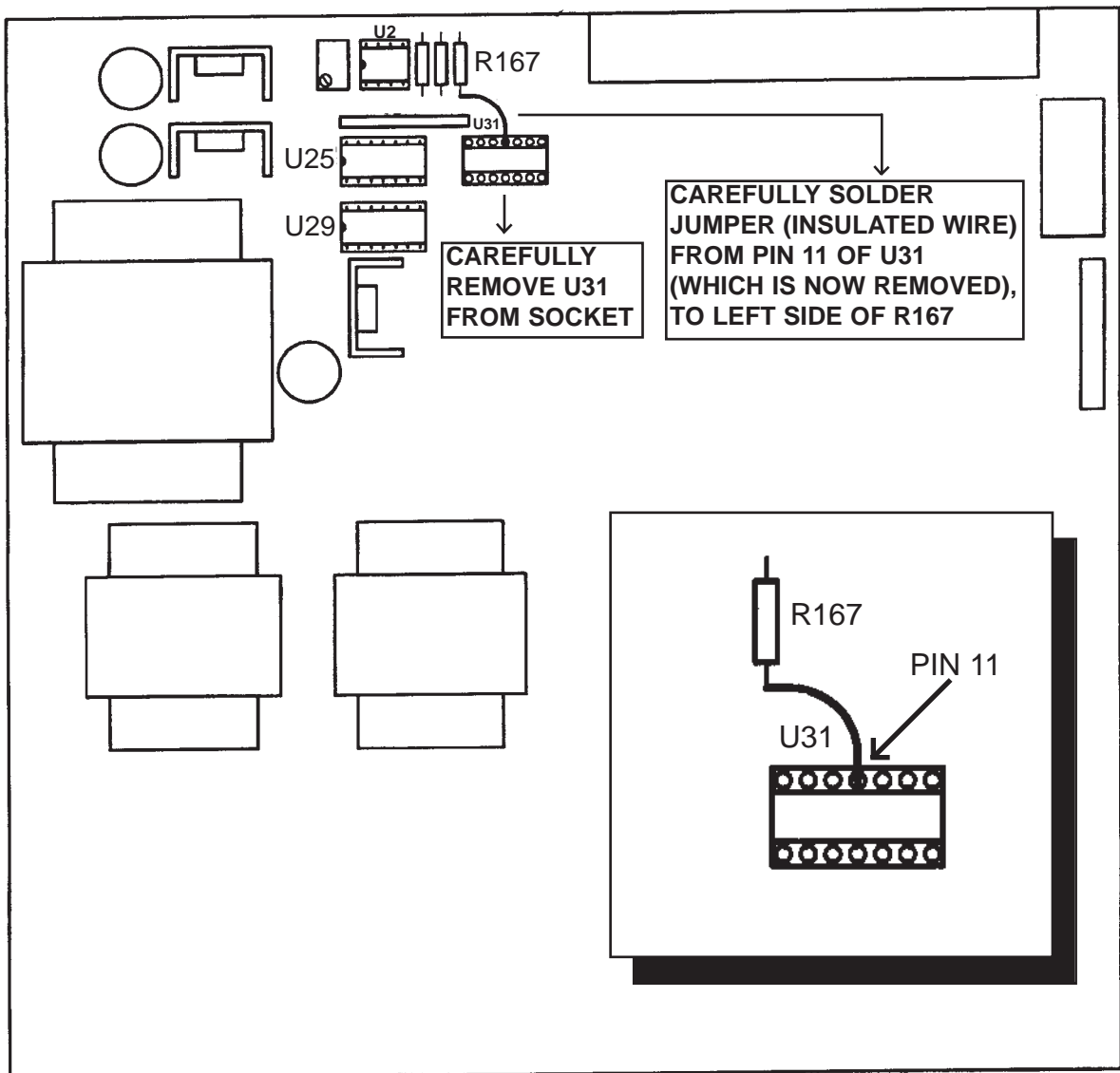
**Your capsealer now has the latest circuitry
to protect against IGBT failures due to brownouts.**

the
enercon
edge

A Philosophy.....
borne of
excellence.....
rooted in
our people.....
& driven by
technology.



Brown-Out Protection LM3414-01





Special 25th Anniversary Maintenance Planner

The **1999 Monthly Maintenance Planner** is now available. The special Edition commemorates Enercon' 25 years of Products and Service. The handy pocket sized planner is a useful guide for scheduling maintenance and ordering parts. The planner includes the following:

Monthly Calendar- Convenient for recording maintenance reminders. A Maintenance Checklist for each month provides a subtle reminder for maintenance checks that should be performed.

Power Supply Parts Lists- Contains replacement part numbers for Integral I, Integral II, and Compak Series Induction power supplies. Reference designators are provided to ensure the proper parts can be easily identified.

Component Identification and Parts Lists- Expanded parts lists and components identification diagrams, including the Compak Sealing Head, Water Pump, and the Deluxe Cap Inspection System.

Spare Parts- A complete list of recommended Spare Parts and Part Numbers.

Water System Care- The recommended procedure for proper care of the water system listed.

Sealing Head Alignment and Setup Procedures- A pictorial diagram and a step by step reference is provided for proper alignment for the sealing head.

Additional information included in the planner describes the laboratory facilities and policies for testing materials, the policy for in-house equipment trials, and directions, and local accommodations.

If you wish to receive your free copy of the **1999 Monthly Maintenance Planner**, call Customer Service today at (414)255-6070.

NOW YOU CAN EMAIL US WITH ALL YOUR CUSTOMER SERVICE NEEDS

We have made yet another enhancement to our Customer Service Department. Now you can email us directly with any parts orders, service requests, or questions. Just another way of demonstrating our commitment to your business!

Paul Reed preed@enerconmail.com
Director of Customer Service



Enercon Industries Corporation
W140 N9572 Fountain Boulevard
P.O. Box 773
Menomonee Falls, WI 53052-0773

