START WITH THE SUPPLIED EQUIPMENT

Before you power on, start here.

Read the full manufacturer manual before operation. This companion helps you find the relevant instructions. If your controls, cable or connections differ, call us before proceeding. Safety warnings: manual page 2.

Choose the right procedure

A fitted pipe joint
Use the pipe-weld procedure when magnetism is interfering with welding at the joint.
Pipe-weld instructions: pages 6-7

A pipe end before welding
Use the pipe-end procedure to reduce residual magnetism at a pipe end. Its sequence differs from welding support.
Pipe-end instructions: pages 8-10

Different component, second cable or unfamiliar setup? Call to confirm the application.

Five checks for a better setup

Preparation checks alongside the full manual. Follow its complete operating sequence.

1. **Match the unit and the job.** Identify your supplied equipment and choose the correct procedure above. Confirm unfamiliar controls or cable configurations with us.
2. **Inspect before energizing.** Check cable jackets, connectors, cords and seals. Damaged insulation or exposed wires means stop and contact us.
3. **Plan the power supply.** Use the supplied power cords and follow the manual's source and GFCI instructions. Confirm generator suitability before use.
4. **Plan the wrap and cable protection.** Follow the job-specific wrap arrangement. Account for hot pipe, welding debris and possible physical damage. Confirm the insulation needed on preheated pipe.
5. **Plan how you will monitor heat.** Confirm operating limits and how to assess cable heating for your rental. Make sure the operator knows when to stop and who to call.

MONITOR THROUGHOUT THE JOB

Heat comes from two places.

Running the unit
Cables can heat while the equipment is operating. Longer operation requires continued attention to cable condition.

The pipe itself
Preheated or hot pipe can transfer heat to the cable jacket. Use the protection specified for the application.

Suspect overheating? Stop operation.
Follow shutdown and power-isolation instructions before handling or moving cables. Keep clear of hot surfaces and allow cooling. If there is damage, uncertainty about cable condition, or no confirmed operating guidance for the job, contact us before restarting.

Feeling cool alone does not confirm that a cable is undamaged or ready to restart. This guide does not supply a universal run-time, cooldown period or temperature threshold.

Why are the cables getting hot?

The cables can heat during operation, and hot pipe adds another heat source. Monitor conditions throughout the job, not only during initial setup. If overheating is suspected, stop operation and follow the shutdown and isolation instructions before handling the equipment. **Do not use bare-hand contact to test a potentially hot cable.** Call us if you are unsure how to assess the condition.

How long can I run, and when can I restart?

There is no universal run/rest timer on this guide. The supplied manual does not state a general duty-cycle, maximum continuous run-time or cooldown limit. Confirm the appropriate operating limits and heat-assessment method for your unit and job with Canadian Degauss before use. If heating becomes a concern, stop and allow cooling; do not restart until the cause is addressed and safe operating conditions are confirmed. The brief timings in the pipe-end procedure are process steps, not a general thermal limit.

ANSWERS CLOSE AT HAND

Cable setup and protection

How should I wrap the cable for my job?

First choose your application. For pipe-weld support, the manual specifies a snug cable fit. Pipe-end degaussing uses a different process and may use a fixed-diameter coil. Do not assume one arrangement suits both jobs. Use the instructions for your supplied unit and contact us if the wrap arrangement is unclear.

Pipe-weld guidance: page 6 | Pipe-end guidance: page 8

How do I protect the cable from hot pipe and welding debris?

Plan cable protection before energizing. The manual says to wrap over insulation on preheated pipe and describes positioning the cable away from the joint to protect its jacket from sparks, slag and welding debris. Confirm suitable insulation and placement with Canadian Degauss for your application; a cover is not a substitute for monitoring heat.

Cable-protection notes: page 6

What should I inspect before use?

Read the warnings and inspect the supplied equipment. Look for damaged cable jackets, exposed wires, damaged connectors and damaged switch seals. Do not energize damaged equipment. Contact Canadian Degauss for support; only qualified personnel should service the equipment.

Warnings: page 2 | Power box: page 3

How do I avoid damaging the cable connectors?

Keep the dustcaps on while installing or transporting the cable. Align the keyed connectors as described in the manual and tighten the collar by hand only; do not use tools. Connectors must be clean and dry before energizing. Do not disconnect or reposition an energized cable.

Connector instructions: page 5

KEEP THIS WITH THE EQUIPMENT

Power and support

The unit will not power on. Where do I start?

Use the power-source and supplied-cord checks in the manual, including its instructions for the manual-reset GFCI. Do not bypass protection, repeatedly reset a fault, open the control panel or change wiring to make the unit run. If the prescribed setup does not resolve the issue, call Canadian Degauss.

Power sources and GFCI: page 4

Do I need a second cable?

That depends on the application and supplied configuration. Contact us before adding a cable or splitter. The manual has a separate second-cable procedure, including winding-direction guidance. Follow that complete procedure rather than improvising a connection.

Second-cable instructions: page 11

Still unsure about your setup? Call 306-250-9294.
Have your unit ID, pipe size, application, pipe condition and cable arrangement ready. Tell us what you have observed and what you have already checked.

Take the full manual to site

Save the full manual and this guide before leaving coverage. The links in this PDF are clickable; online access and QR codes require a connection.

Scan for the online renter guide

canadiandegauss.ca/start

Open the complete manufacturer manual

canadiandegauss.ca/manuals/
idmag-user-manual.pdf

Source: Industrial Degauss IDMAG System Instruction Manual, supplied with Canadian Degauss rentals. Additional cable-heat reminders from Canadian Degauss. Companion content from canadiandegauss.ca/start, updated October 7, 2026. PDF prepared October 16, 2026.