



Kohler DEC3

Installation Guide



1. Unpack Components

- Unpack the monitor, antenna, and data and power cable.
- Inspect all components to ensure there is no shipping damage.

2. Install the Antenna

- Place the antenna vertically at the center of the roof of the generator.
- Route the antenna cable into the area of the generator control.
- Ensure a drip loop lower than the monitor to prevent water from running down the antenna cable into the monitor connection.

3. Attach the Antenna Cable

- Attach the antenna cable to the front of the monitor and tighten thumb tight.

4. Attach the Monitor

- Attach the monitor via its magnetic feet on top of the engine controller or another appropriate location.
- Horizontal surfaces are preferred, but the unit may be mounted vertically or upside down if necessary.

NOTE: If mounted vertically, install the monitor with the cables facing down to prevent water from entering the enclosure.





5. Connect the Monitor

- The monitor connects to the Kohler DEC3 Controller via wiring diagram shown below

6. Power On and Check LEDs

- Turn on the monitor and confirm that the LEDs illuminate and blink.
- If the LEDs do not light, check for power wires at the battery.

NOTE: Scan the QR code on the unit for the expected LED light sequence.

7. Confirm Installation

- Allow 15 minutes for the monitor to log into the network.
- Call OmniMetrix on 770-209-0012 or email techsupport@omnimetrixconnect.com to confirm successful installation.

Kohler DEC3 — Wiring Diagram			
SLEEVE COLOR	OMNI WIRE	FUNCTION	TERMINATION
Red	Red	Power In (9–30 Vdc)	TB1-42A or Battery +
	Black	Ground	TB1-2
Blue	Orange	Gen Running	Hour Meter + Terminal
	Blue	Common Alarm	TB1-32 or TB1-32A
	Violet	Low Fuel	TB1-63
	Gray	Low Coolant Temp	TB1-35
	Yellow/White	2-Wire Start	TB2-3
	Brown/White	GNF for 2-Wire Start	TB2-4
White	Pink	Not In Auto	TB1-80
	Brown/Yellow	Low Oil Pressure	TB1-38
	Yellow	Over Crank	TB1-12
	Brown	Over Speed	TB1-39

