

VDO 350-11800

VDO 350-11800 Cockpit Marine 80PSI Oil Pressure Gauge Instruction Manual

Model: 350-11800

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your VDO 350-11800 Cockpit Marine 80PSI Oil Pressure Gauge. Designed for marine applications, this gauge accurately monitors engine oil pressure, ensuring optimal performance and early detection of potential issues. Please read these instructions thoroughly before installation and use.

2. PRODUCT FEATURES

- Black dial with black bezel
- 0-80 PSI range
- 2 1/16" mounting diameter (52mm)
- Works with all 240-33 Ohm common marine oil pressure senders
- 12V illumination bulb

3. PACKAGE CONTENTS

- VDO 350-11800 Cockpit Marine 80PSI Oil Pressure Gauge

4. SETUP AND INSTALLATION

Proper installation is crucial for the accurate and safe operation of your VDO oil pressure gauge. If you are unfamiliar with marine electrical systems, it is recommended to seek assistance from a qualified marine technician.



Image: Front view of the VDO 350-11800 Cockpit Marine 80PSI Oil Pressure Gauge, featuring a black dial with white markings and needle, and a black bezel.

- **Safety First:** Disconnect the vessel's battery before beginning any electrical work.
- **Mounting:** Select a suitable location on your dashboard or instrument panel. The gauge requires a 2 1/16" (52mm) mounting hole. Ensure sufficient clearance behind the panel for wiring and connections.
- **Wiring Connections:**
 - **Power (Ignition Switched 12V):** Connect the gauge's positive terminal (typically marked "+") to a switched 12V power source. This ensures the gauge is only active when the ignition is on.
 - **Ground:** Connect the gauge's negative terminal (typically marked "-") to a reliable vessel ground.
 - **Sender Connection:** Connect the gauge's sender input terminal (typically marked "S" or "Sender") to the output terminal of a compatible 240-33 Ohm marine oil pressure sender. The sender must be installed in the engine's oil pressure port.
 - **Illumination (12V):** Connect the illumination wire to a 12V switched power source, typically from the vessel's navigation light circuit, to enable backlighting.
- **Testing:** After installation, reconnect the battery and turn on the ignition. The gauge needle should move to indicate oil pressure once the engine is running. Check for proper illumination.

5. OPERATING INSTRUCTIONS

The VDO 350-11800 oil pressure gauge provides a continuous reading of your engine's oil pressure in PSI. Normal operating pressure can vary depending on the engine type, RPM, and oil temperature. Consult your engine's service manual for specific recommended oil pressure ranges.

- **Reading the Gauge:** The white needle indicates the current oil pressure on the black dial, marked from 0 to 80 PSI.
- **Monitoring:** Regularly observe the gauge during engine operation. A sudden drop or unusually low reading may indicate a problem with the engine's lubrication system and requires immediate attention.
- **Illumination:** The gauge features 12V illumination for visibility in low-light conditions.

6. MAINTENANCE

Your VDO oil pressure gauge is designed for durability and requires minimal maintenance.

- **Cleaning:** Clean the gauge face and bezel with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or lens.
- **Inspection:** Periodically inspect all wiring connections for corrosion or looseness. Ensure the oil pressure sender is securely installed and free from leaks.
- **Environmental Protection:** While designed for marine use, protect the gauge from direct, prolonged exposure to harsh elements when possible to extend its lifespan.

7. TROUBLESHOOTING

- **Gauge Not Functioning (No Reading):**
 - Check all power and ground connections for proper contact and voltage.
 - Verify the 12V power source is active when the ignition is on.
 - Inspect the sender wiring for breaks or corrosion.
 - Ensure the oil pressure sender is correctly installed and functioning.
- **Incorrect Reading:**
 - Confirm that a compatible 240-33 Ohm marine oil pressure sender is being used. Incompatible senders will provide inaccurate readings.
 - Check for proper grounding of both the gauge and the sender.
 - Verify the sender is not faulty.
- **No Illumination:**
 - Check the 12V illumination power connection.
 - Inspect the illumination bulb (if replaceable) for failure.

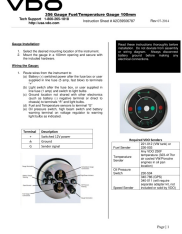
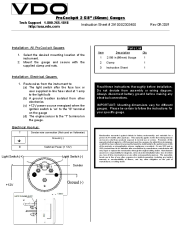
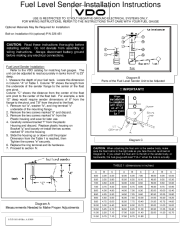


8. SPECIFICATIONS

Feature	Specification
Brand	VDO
Model Number	350-11800
Range	0-80 PSI
Mounting Diameter	2 1/16" (52mm)
Sender Compatibility	240-33 Ohm Marine Oil Pressure Senders
Voltage	12V (for illumination)
Material	Plastic
Item Dimensions (L x W x H)	4 x 3 x 3 inches
Item Weight	4.2 Ounces
UPC	754059079455
Manufacturer	VDO360 LLC

9. WARRANTY AND SUPPORT

For specific warranty information and technical support, please refer to the documentation provided with your purchase or contact VDO directly. Keep your proof of purchase for warranty claims.

Related Documents - 350-11800

	<p>VDO 356 Gauge Fuel/Temperature Gauge 100mm Installation and Wiring Instructions</p> <p>Detailed installation and wiring instructions for the VDO 356 Gauge 100mm Fuel/Temperature Gauge, including sender compatibility and warning light connections.</p>
	<p>VDO ProCockpit 2 5/8" (66mm) Gauges Installation Instructions</p> <p>Detailed installation instructions for VDO ProCockpit 2 5/8" (66mm) gauges, covering electrical, mechanical pressure, and mechanical temperature gauge types. Includes parts list, wiring diagrams, and mounting guidance.</p>
	<p>VDO Fuel Level Sender Installation Guide</p> <p>Comprehensive installation instructions for the VDO Fuel Level Sender, including adjustments for various tank depths and mounting options. Covers safety precautions and warranty information.</p>
	<p>VDO Viewline 85 mm Rudder Position Display Installation Instructions</p> <p>Comprehensive installation guide for the VDO Viewline 85 mm Rudder Position Display, covering safety precautions, step-by-step mounting procedures, electrical connections, and a list of accessories and spare parts.</p>
	<p>VDO M1 WR Cycle Computer User Manual</p> <p>Comprehensive user manual for the VDO M1 WR cycle computer, detailing installation, operation, settings, functions, troubleshooting, and technical specifications.</p>



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