DOICOO DR188

DOICOO DR188 Camshaft Position Sensor Instruction Manual

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of the DOICOO DR188 Camshaft Position Sensor. Please read these instructions carefully before installation to ensure proper function and vehicle compatibility.

2. Product Overview

The DOICOO DR188 Camshaft Position Sensor is designed to provide accurate camshaft position data to your vehicle's engine control unit (ECU). This sensor is crucial for precise engine timing, ensuring optimal performance and fuel efficiency.



Image 2.1: The DOICOO DR188 Camshaft Position Sensor, shown with its included mounting screws.



Image 2.2: An alternative view of the DOICOO DR188 Camshaft Position Sensor, highlighting its form factor and included hardware.



Image 2.3: A close-up view of the sensor's 3-pin electrical connector, designed for a secure and precise connection.



Image 2.4: Side profile of the camshaft position sensor, showing its compact design.



Image 2.5: Top view of the sensor, illustrating its mounting points.



Image 2.6: An angled perspective of the sensor, providing a comprehensive view of its structure.

3. Compatibility

The DOICOO DR188 Camshaft Position Sensor is compatible with a range of Chevrolet, GMC, Isuzu, Oldsmobile, and Workhorse vehicles from 1995-2010. Please verify your vehicle's specific year, make, and model against the list below and the provided part numbers to ensure proper fitment.

Compatible Part Numbers:

- 10485432
- LX756T
- 10496045
- 10490645
- 213920
- 38631305
- 8104854320
- 8104926450

- LX756
- 4P1229
- DR188

Compatible Vehicle Models:

- **Chevrolet:** Blazer (1995-2005), Astro (1996-2005), C1500 PICKUP (1996-1999), C2500 PICKUP (1996-2000), Express 1500 (1996-2002), Express 2500 (1996-2002), Express 3500 (1996-2002), K1500 PICKUP (1996-1999), K2500 PICKUP (1996-2000), S10 PICKUP (1995-2004), Silverado 1500 (2000-2007), C1500 SUBURBAN (1996-1999), C2500 SUBURBAN (1996-1999), C3500 SUBURBAN (1996-2000), K1500 SUBURBAN (1996-1999), K2500 SUBURBAN (1996-1999), K3500 SUBURBAN (1996-2000), Tahoe (1996-2000)
- **GMC:** C1500 PICKUP (1996-1999), C2500 PICKUP (1996-2000), Jimmy (1995-2005), K1500 PICKUP (1996-1999), K2500 PICKUP (1996-2000), P3500 (1996-1999), Safari (1995-2005), Savana 1500 (1996-2002), Savana 2500 (1996-2002), Savana 3500 (1996-2002), Sierra 1500 (1999-2010), Sonoma (1995-2004), C1500 SUBURBAN (1996-1999), C2500 SUBURBAN (1996-1999), C3500 SUBURBAN (1996-2000), K1500 SUBURBAN (1996-1999), K2500 SUBURBAN (1996-1999), K3500 SUBURBAN (1996-2000), Yukon (1996-2000)
- **Isuzu:** Hombre (1997-2000)
- **Oldsmobile:** Bravada (1996-2001)
- **Workhorse:** P30 (2000-2005)

4. Key Features

- **Stable Performance:** Engineered for consistent and reliable operation.
- **Durable Construction:** Made from high-quality ABS, plastic, metal, aluminum, brass, and electronic parts for long-lasting life.
- **OEM Standards:** Manufactured to meet or exceed original equipment manufacturer (OEM) specifications.
- **Easy Installation:** Designed for direct replacement without requiring special tools, calibration, programming, or modification.
- **Enhanced Vehicle Performance:** Improves engine operation and helps eliminate diagnostic trouble codes.

Your browser does not support the video tag.

Video 4.1: This video illustrates the function of an engine camshaft position sensor, demonstrating how it contributes to accurate engine mechanical operation by detecting engine speed and piston position for basic ignition timing. It highlights the sensor's precision plug design, rapid induction through a metal probe, and double protection performance with a rubber sealing ring.

5. What's Included

The package contains the following items:

- 1 x DOICOO DR188 Camshaft Position Sensor

6. Installation Guide

Proper installation is crucial for the correct function of the camshaft position sensor. If you are not confident in performing this installation, it is recommended to seek assistance from a qualified mechanic.

General Installation Steps:

1. **Diagnostic Check:** Before replacing, diagnose the trouble code to confirm the camshaft position sensor is the faulty

part.

2. **Removal:** Carefully disconnect the wiring connector and remove the old camshaft position sensor from its mounting location.
3. **Installation:** Install the new DOICOO DR188 Camshaft Position Sensor, ensuring it is securely fastened and the electrical connector is properly attached.
4. **Clear Codes:** After installation, clear any existing diagnostic trouble codes from the vehicle's ECU.

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Video 6.1: This video provides a general overview of a camshaft position sensor, including its packaging and physical characteristics, such as the 3-pin connector. It can serve as a visual aid for identifying the sensor before installation.

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Video 6.2: This video demonstrates the unboxing and physical inspection of a camshaft position sensor, showing its components and connector. It also briefly illustrates the process of removing and installing a sensor in a vehicle, and the resulting dashboard indicator changes.

7. Specifications

Attribute	Value
Brand	DOICOO
Model Number	DR188
Material	ABS, Plastic, Metal, Aluminum, Brass, Electronic Parts
Item Weight	0.81 Ounces
Style	Long life span
Current Rating	0.9 Amps
Maximum Supply Voltage	15 Volts
Measurement Accuracy	+/-0.5%
Measuring Range	λ=0.7- ∞
Mounting Type	Plug In
Output Type	Electric signal
Response Time	0.85 Milliseconds
Sensing Distance	10 Meters
Specific Uses For Product	Camshaft position sensor
Upper Temperature Rating	150 Degrees Celsius
UPC	756557105728
Package Dimensions	2.99 x 2.2 x 1.34 inches
Wattage	10 watts

8. Troubleshooting

If your vehicle continues to exhibit symptoms or display diagnostic trouble codes related to the camshaft position sensor after replacement, consider the following:

- **Verify Installation:** Double-check that the sensor is correctly seated and the electrical connector is fully engaged and free from corrosion or damage.
- **Wiring Integrity:** Inspect the wiring harness connected to the sensor for any cuts, fraying, or loose connections.
- **Other Components:** A persistent issue might indicate a problem with other related engine components or the engine control unit itself.
- **Professional Diagnosis:** If troubleshooting steps do not resolve the issue, consult a qualified automotive technician for a comprehensive diagnosis.

9. Maintenance

Camshaft position sensors generally require minimal maintenance. However, regular vehicle inspections can help ensure their longevity and proper function:

- **Visual Inspection:** Periodically inspect the sensor and its wiring for any signs of physical damage, corrosion, or loose connections.
- **Keep Clean:** Ensure the area around the sensor is free from excessive dirt, debris, or oil buildup, which could interfere with its operation.
- **Avoid Harsh Chemicals:** When cleaning the engine bay, avoid spraying harsh chemicals directly onto the sensor or its electrical connector.

10. Warranty and Support

The DOICOO DR188 Camshaft Position Sensor comes with a one-year warranty. If you encounter any problems with the part within the warranty period, you may be eligible for a quick and easy refund or replacement. Please contact DOICOO customer support for assistance.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question