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› MOOKAKA Speedometer Instrument Cluster User Manual for Tesla Model 3/Y

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Integrated Dashboard LCD Display for Tesla Model 3 and Model Y

1. PRODUCT OVERVIEW

The MOOKAKA Speedometer Instrument Cluster is an integrated LCD display designed for Tesla Model 3 and Model Y vehicles. It provides essential driving information directly in the driver's line of sight, enhancing safety and convenience. This device integrates seamlessly with the original car system, displaying critical data such as speed, battery status, and driving mode.



Image 1.1: The MOOKAKA Speedometer Instrument Cluster seamlessly integrated into a Tesla Model 3/Y dashboard, displaying various vehicle parameters.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:



Image 2.1: Overview of the components included in the MOOKAKA Speedometer Instrument Cluster package.

- MOOKAKA Speedometer Instrument Cluster Display
- Mounting Brackets/Hardware
- Wiring Harness
- User Manual (this document)
- Installation Tools (if provided)

3. KEY FEATURES

- **Application:** Specifically designed for Tesla Model 3 and Model Y vehicles.

- **Original Car Information Display:** Shows battery power, driving mode, speed, time, gear, light conditions, mileage, and seat belt reminders.
- **Enhanced Driving Safety:** Positions critical information directly in the driver's field of vision, reducing the need to look at the central screen.
- **Plug and Play Installation:** Designed for straightforward installation without requiring drilling or permanent modifications.
- **High-Definition LCD Screen:** Provides clear and crisp display of information.



Image 3.1: Visual representation of the key features, including original car information display and HD LCD screen.

4. SETUP AND INSTALLATION

The MOOKAKA Speedometer Instrument Cluster is designed for a plug-and-play installation process. No drilling or permanent damage to your vehicle is required. It is recommended to consult a professional for installation if you are unfamiliar with automotive electronics.

4.1 Installation Overview

1. Ensure the vehicle is powered off and safe for electrical work.
2. Carefully remove the existing dashboard trim panel where the new display will be installed.
3. Connect the provided wiring harness to the vehicle's existing electrical system.
4. Mount the MOOKAKA Speedometer Instrument Cluster into the designated area.
5. Secure all connections and reassemble the dashboard trim.
6. Test the functionality of the display before driving.

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For Tesla model 3 For Tesla model Y



Image 4.1: Comparison showing the dashboard before and after the MOOKAKA Speedometer Instrument Cluster is installed.

4.2 Installation Video Guide

For a visual guide on the installation process, please refer to the video below:

Your browser does not support the video tag.

Video 4.1: An official video demonstrating the installation process of the Digital Cluster Virtual Cockpit for Tesla Model 3 and Model Y.

5. OPERATING INSTRUCTIONS

Once installed, the MOOKAKA Speedometer Instrument Cluster automatically integrates with your Tesla's system to display essential driving information. The display is designed to be intuitive and easy to read.

5.1 Information Displayed

The display provides real-time data, including but not limited to:

- Current Speed

- Battery Charge Level
- Driving Mode (e.g., Park, Reverse, Neutral, Drive)
- Time
- Gear Selection
- Light Conditions
- Mileage Display (Odometer/Trip)
- Seat Belt Reminder
- Tire Pressure (if supported by vehicle)
- Temperature
- Door Status

Original information display

1.Time display 2.gear display 3.light condition
4.mileage display 5.battery life display 6.seat belt reminder



Image 5.1: An illustration of the various original car information displayed on the instrument cluster, including time, gear, light condition, mileage, battery life, and seat belt reminder.



Image 5.2: A detailed diagram highlighting the specific data points presented on the MOOKAKA display for comprehensive driver information.

5.2 Enhanced Driving Experience

By placing essential driving data directly in front of the driver, the MOOKAKA Speedometer Instrument Cluster helps maintain focus on the road, reducing distractions associated with looking towards the central console screen for basic information.



Image 5.3: A visual comparison demonstrating how the MOOKAKA Speedometer helps drivers keep their eyes forward, improving safety by reducing the need to glance at the central screen.

6. MAINTENANCE

To ensure the longevity and optimal performance of your MOOKAKA Speedometer Instrument Cluster, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, lint-free cloth to gently wipe the screen and housing. Avoid abrasive cleaners, solvents, or harsh chemicals that could damage the display or finish.
- **Environmental Conditions:** Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Connections:** Periodically check that all cables and connections are secure.

7. TROUBLESHOOTING

If you encounter any issues with your MOOKAKA Speedometer Instrument Cluster, please refer to the following common

troubleshooting steps:

Problem	Possible Cause	Solution
Display does not turn on	Loose power connection; Vehicle not powered on; Faulty unit.	Check all wiring connections; Ensure vehicle is on; Contact customer support if issue persists.
Incorrect or no data displayed	Improper data connection; Software glitch.	Verify data cable connections; Restart vehicle; Contact customer support.
Screen flickering or distortion	Loose cable; Power fluctuation; Hardware issue.	Check connections; Ensure stable power supply; Contact customer support.

If these steps do not resolve the issue, please contact MOOKAKA customer support for further assistance.

8. SPECIFICATIONS

Feature	Detail
Brand	MOOKAKA
Model Compatibility	Tesla Model 3, Tesla Model Y
Product Dimensions (L x W x H)	17.72 x 9.25 x 20.87 inches
Display Size	20.87 Inches (diagonal)
Material	Metal, Plastic
Installation Type	Plug and Play

9. WARRANTY AND SUPPORT

MOOKAKA provides a **one-year warranty** for the Speedometer Instrument Cluster. Additionally, **lifetime after-sales service** is offered to ensure customer satisfaction.

If you have any questions, require technical assistance, or need to claim warranty service, please contact MOOKAKA customer support through the retailer where the product was purchased or refer to the official MOOKAKA website for contact details.

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