Liiiyuan F1-807-blue

Liiiyuan F1-807-blue Throttle Response Controller User Manual

Model: F1-807-blue

1. Introduction

The Liiiyuan F1-807-blue Electronic Throttle Accelerator is designed to enhance your vehicle's driving experience by controlling the throttle opening. It improves throttle response speed and instantaneous acceleration, adapting to various driving habits and conditions. This device offers multiple driving modes to optimize performance and fuel efficiency.



Image: The Liiiyuan F1-807-blue Throttle Response Controller display unit, wiring harness, connector, cable ties, and user manual.

2. Product Features and Modes

The F1-807-blue controller features a three-digit display and offers nine distinct driving modes, each with nine adjustable intensity levels. This allows for fine-tuning the throttle response to match specific driving preferences and road conditions.



Image: Detailed view of the controller's display and buttons. The display shows "P2.8", indicating a mode and intensity level. Buttons are labeled "MODE", "-", and "+".

Available Modes:

- **N Original Mode:** Returns to the vehicle's factory throttle settings.
- **M Manual Mode:** General manual transmission comfort mode.
- **E Anti-skid Mode:** Designed for slippery conditions to prevent wheel spin.
- **C Comfort Mode (P1):** Speeds up throttle response, enables smoother starts, and improves performance by approximately 15%.
- **A Auto Mode:** Automatic transmission comfort mode.
- **T Intelligent Mode:** (Information not detailed in provided data, assumed to be an adaptive mode).
- **P Power Mode (P2):** Improves instant acceleration and cornering performance, increasing performance by approximately 45%.
- **S Sport Mode:** Manual gear sport mode.
- **E Fuel Saving Mode (EC):** Optimizes fuel economy, potentially saving 3-8% fuel.

- **R Race Mode (P3):** Maximizes throttle response for racing, improving performance by approximately 60%.
- **K Parking Mode:** (Information not detailed in provided data, assumed to be a low-response mode for parking).
- **Anti-theft Mode:** (Information not detailed in provided data, assumed to be a security feature).
- **Learning Mode:** (Information not detailed in provided data, assumed to be for adapting to driving style).
- **Carbon Removal Mode:** (Information not detailed in provided data, assumed to be for engine cleaning).

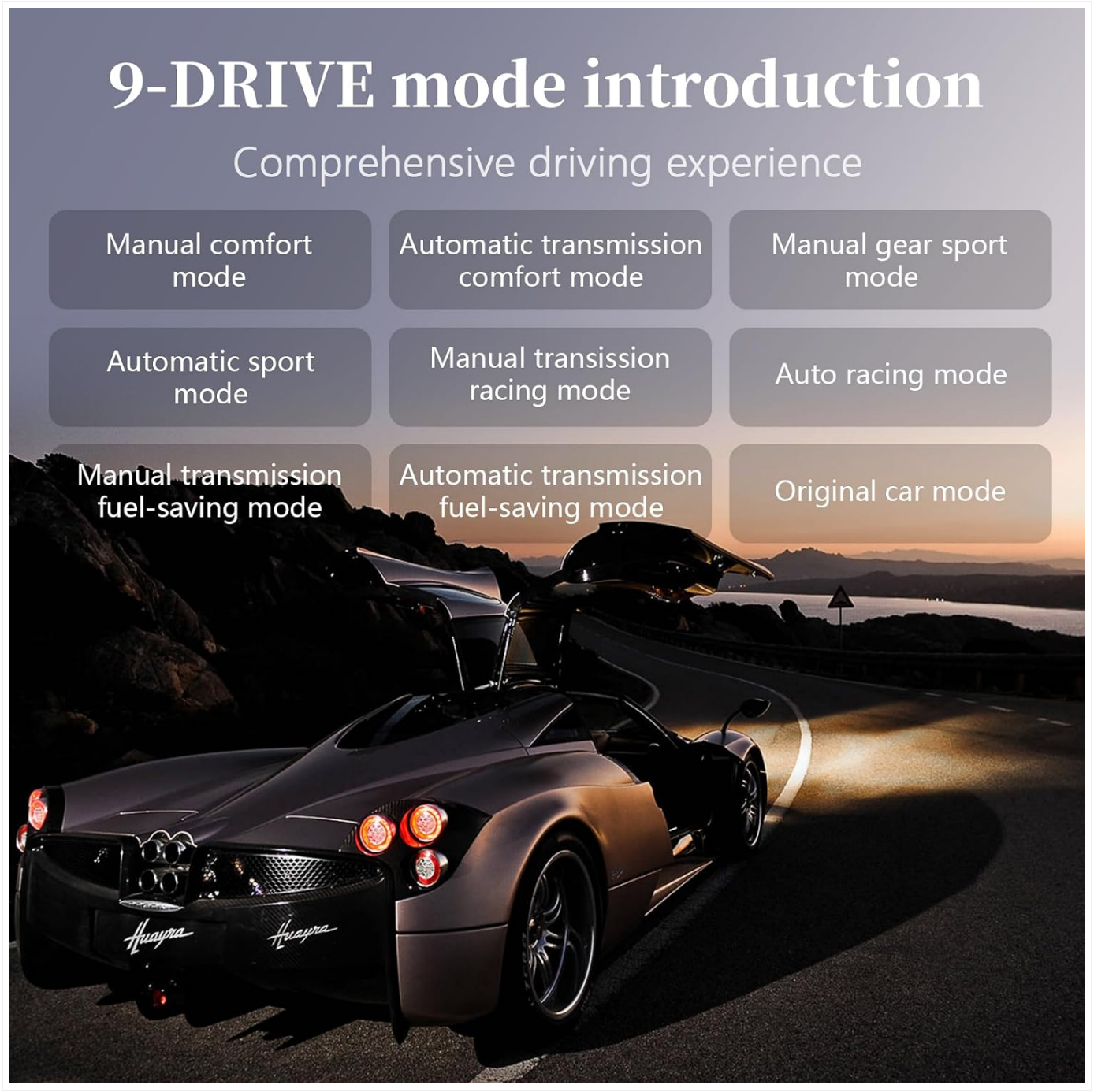


Image: Overview of the nine driving modes, including Manual Comfort, Automatic Transmission Comfort, Manual Gear Sport, Automatic Sport, Manual Transmission Racing, Auto Racing, Manual Transmission Fuel-Saving, Automatic Transmission Fuel-Saving, and Original Car Mode.

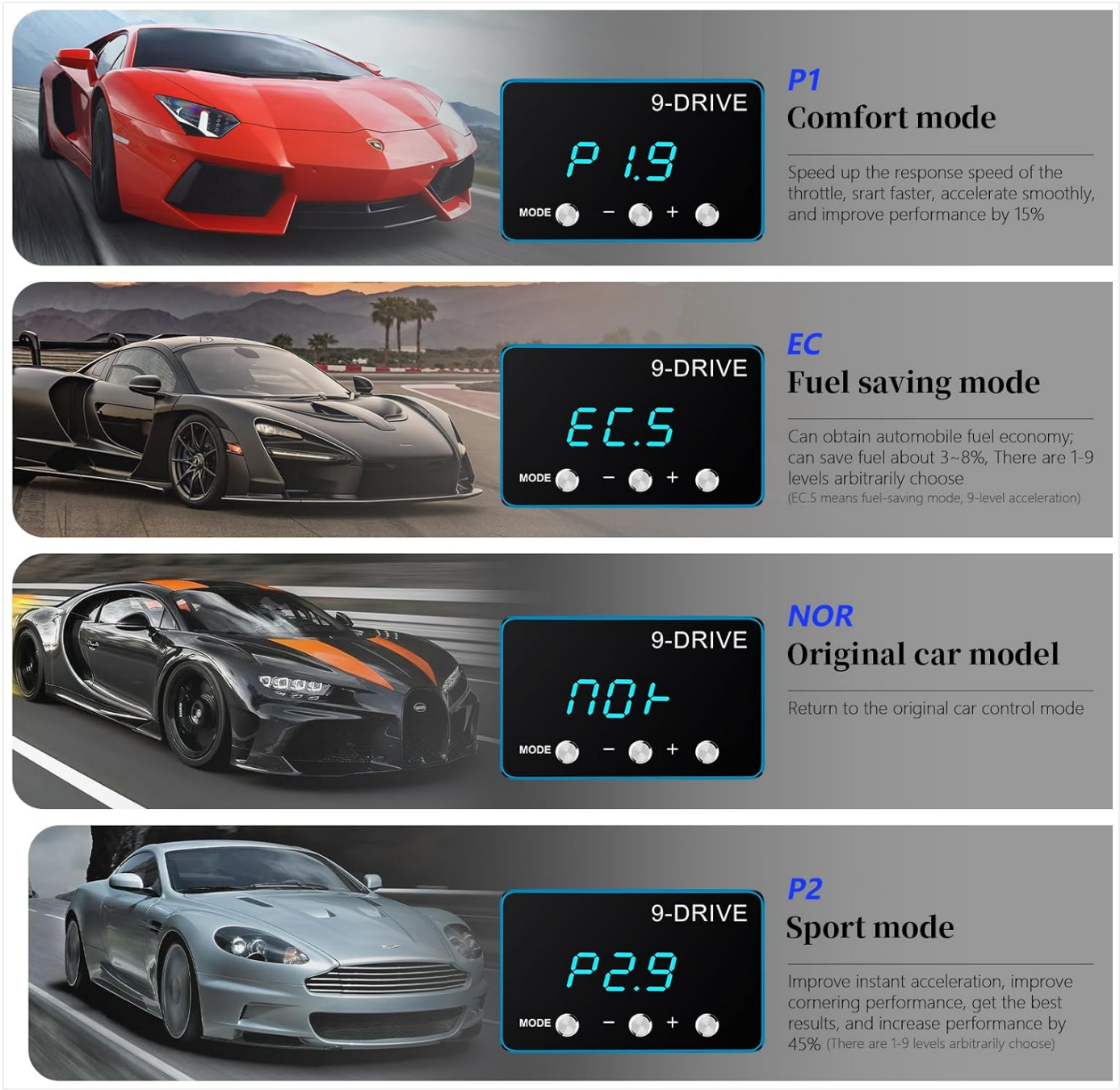


Image: Visual representation of Comfort (P1), Fuel Saving (EC), Original Car (NOR), and Sport (P2) modes with their respective display readings and brief descriptions.

3. Compatibility

The Liiiyuan F1-807-blue Throttle Response Controller is compatible with a wide range of vehicle makes and models. It is essential to verify compatibility by comparing your car's accelerator pedal electronic connection with the provided images to ensure a proper fit.



Make	Brand	Fits	Year	Engines
DODGE	Challenger	Base, GT, R/T, SE, SRT 392, SRT8, Demon, Hellcat, SXT, T/A & All Other Models	2008+	3.5L 3.6L 5.7L 6.1L 6.4L
	Charger	SE, SXT, R/T, Daytona, Super Bee, Scat Pack, SRT 392, SRT8, Hellcat & All Other Models	2007+	2.7L 3.5L 3.6L 5.7L 6.1L 6.2L 6.4L
	RAM	1500, 2500, 3500	2007-2018(Not Compatible 2011-2012)	3.0L 3.6L 5.7L 6.4L 6.7L
	RAM	2500 , 3500	2019+(4th & 5th Gen）	6.4L 6.7L
	RAM 1500 Classic	Express, Tradesman, Warlock	2019+(4th Gen Only)	3.0L 3.6L 5.7L
	Durango	ST, SRT, SXT, Sport, SLT, SE, R/T, Limited, GT, Express & All Other Models	2006+	3.6L 3.7L 4.7L 5.7L
	Dakota 2007-2011，Grand Caravan 2008+，Magnum 2007-2008，Nitro 2007-2012，Viper 2008-2017			ALL ENGINES
JEEP	Wrangler JK	Unlimited, Sport, Sahara, Rubicon, Mojave& All Other Models	2007-2018	2.8L 3.6L 3.8L
	Grand Cherokee	Base, Altitude, Laredo, Limited, Overland, SRT, Summit, Trackhawk, Trailhawk, Upland	2007+	3.0L - 6.4L
	Liberty	Base Model, Jet, Limited, Renegade, Sport & All Other Models	2008-2012(2th Gen Only)	2.8L 3.7L
	Cherokee KK 2008+,Commander 2007+			ALL ENGINES
MASERATI	Ghibli	S, S Q4, GranLusso, GranSport, Trofeo& All Other Models	2013+(3th Gen Only)	3.0L
	Levante 2017+, Quattroporte (M139) 2005-2013 , Quattroporte (M156）2014+			ALL ENGINES
CHRYSLER	300	Base Model, C, LX, S, Limited, SRT-8, Touring & All Other Models	2007+	2.7 3.0L 3.5L 3.6L 5.7L 6.1L 6.4L
	Aspen	Limited, Limited HEV & All Other Models	2007-2009	4.7L
	Grand Vovager 2011+ ,Crossfire 2005+ , Pacifica 2007-2017,Town & Country 2008-2016 ,PT Cruiser 2006+			ALL ENGINES

Image: A detailed chart listing compatible vehicle makes (Dodge, Jeep, Maserati, Chrysler), specific models (e.g., Challenger, Charger, RAM, Grand Cherokee, Ghibli), applicable years, and engine types. A close-up of the FLC-807 connector is also shown for visual verification.

4. Installation Guide

Installation of the throttle response controller is a straightforward plug-and-play process. Ensure your vehicle is turned off before beginning the installation.

1. **Step 1: Locate the Accelerator Pedal Interface.** Identify the electronic connector on your car's accelerator pedal.
2. **Step 2: Unplug the Vehicle Accelerator Pedal Interface.** Carefully disconnect the existing connector from the accelerator pedal.
3. **Step 3: Connect the Controller.** Plug the accelerator controller's harness into the vehicle's accelerator pedal interface. Ensure a secure connection.
4. **Step 4: Mount the Display Unit.** Securely attach the throttle controller display unit close to the dashboard using the provided ties or adhesive, ensuring it does not obstruct driving.



Image: A visual step-by-step guide showing the process: 1) Locating the pedal, 2) Unplugging the connector, 3) Connecting the new harness, and 4) Mounting the display unit on the dashboard.

All adjustments and mode changes should only be made under safe driving conditions or while the vehicle is stationary.

5. Operation Guide

The controller features a simple interface for mode selection and intensity adjustment.

- **Switch Mode Button:** Press the "MODE" button to cycle through the nine available driving modes.
- **Reduce Intensity Button (-):** Press the "-" button to decrease the intensity level within the current mode. Each mode has 1-9 fine adjustments.
- **Increase Strength Button (+):** Press the "+" button to increase the intensity level within the current mode. Each mode has 1-9 fine adjustments.
- **Three-digit Display:** The first two digits indicate the selected mode (e.g., P1, P2, EC, NOR), and the last digit indicates the intensity level (1-9).

6. Troubleshooting

If you encounter issues with your throttle response controller, please refer to the following common problems and solutions:

- **Loss of Throttle Control or Check Engine Light:**

  This can occur if the unit is not properly installed or if there is a compatibility issue. Ensure all connections are secure and that the correct model is used for your vehicle. If the issue persists, disconnect the unit, turn off the vehicle, wait a few minutes, and then restart the vehicle to reset the system. If the problem continues, it may indicate an incompatibility or a faulty unit. Consult the manufacturer for further assistance.

- **Cruise Control Deactivation:**

  In some rare cases, the controller may interfere with cruise control functionality. Verify the installation steps and ensure the unit is correctly seated. If the problem persists, it may be a specific vehicle interaction. Disconnecting the unit should restore original functionality.

- **Unit Not Powering On:**

  Check all cable connections to ensure they are firmly seated. Verify that the vehicle's ignition is on. If the unit still does not power on, the cable or the unit itself may be faulty.

Always ensure the vehicle is safely parked and turned off before attempting any troubleshooting steps involving disconnecting or reconnecting the device.

7. Specifications

Attribute	Detail
Brand	Liiiyuan
Model	F1-807-blue
Item Weight	0.64 ounces
Product Dimensions	0.16 x 0.1 x 0.02 inches
Manufacturer Part Number	F1
Exterior Finish	Machined
Certification	FCC and other product certifications



Image: The controller unit held in a hand, illustrating its small and exquisite design, with dimensions of 50mm (1.97in) length, 30mm (1.18in) width, and 5.8mm (0.23in) thickness.

8. Package Contents

The product package includes the following items:

- F1-Throttle Controller (Display Screen)
- Adapters (Wiring Harness)
- 3 x Cable Ties
- User Manual



Image: A visual breakdown of the package contents: the display screen, adapters (wiring harness), three cable ties, and the user manual.

9. Care and Maintenance

To ensure the longevity and proper functioning of your Liiiyuan Throttle Response Controller, follow these general care and maintenance guidelines:

- Keep the device clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Ensure all connections remain secure. Periodically check the wiring for any signs of wear or damage.
- Do not attempt to disassemble or modify the device, as this will void any warranty and may cause damage.

10. Warranty and Support

The product has FCC and other relevant product certifications. For any questions regarding the use of the product, you

may send an email to the manufacturer. The standard return policy allows for refund or replacement within 30 days of purchase.

For support, please refer to the contact information provided with your purchase documentation or on the official Liiiyuan website.

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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