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PNI 288

PNI 288 Central Locking Module

User Instruction Manual

1. Introduction

Thank you for choosing the PNI 288 Central Locking Module. This system provides convenient remote control for your vehicle's central locking, offering features such as remote lock/unlock and remote trunk release. This manual provides essential information for proper installation, operation, and maintenance of your new keyless entry system. Please read it thoroughly before installation and use.

2. Safety Guidelines

- **Professional Installation Recommended:** Installation of automotive electronic systems can be complex. It is highly recommended that this product be installed by a qualified automotive technician to ensure proper function and prevent damage to your vehicle.
- **Disconnect Battery:** Always disconnect the vehicle's negative battery terminal before beginning any electrical installation to prevent short circuits and electrical damage.
- **Wiring:** Ensure all wiring connections are secure, insulated, and routed away from moving parts, heat sources, and sharp edges. Use appropriate gauge wires and fuses.
- **Testing:** After installation, thoroughly test all functions of the system and the vehicle's original systems to ensure everything operates correctly.
- **Water Exposure:** Keep the control module and remote controls away from water and excessive moisture.

3. Package Contents

Please check the package contents to ensure all items are present:

- 1 x PNI 288 Central Locking Control Module
- 2 x Remote Control Key Fobs
- 1 x Wiring Harness



Image 3.1: PNI 288 Central Locking Module, two remote controls, and the included wiring harness.

4. Installation Guide

Note: This section provides general guidance. Vehicle-specific wiring diagrams and professional expertise are crucial for correct installation.

4.1. Wiring Connections Overview

The wiring harness connects the PNI 288 module to your vehicle's electrical system. Typical connections include:

- **Power (Red Wire):** Connect to a constant +12V power source.
- **Ground (Black Wire):** Connect to a solid chassis ground point.
- **Door Lock/Unlock Wires:** These wires (often blue, green, or white) connect to your vehicle's central locking motor or control wires. The specific wiring configuration (e.g., positive trigger, negative trigger, direct motor drive) depends on your vehicle's system.
- **Trunk Release (Yellow Wire):** Connect to the vehicle's trunk release solenoid or trigger wire.
- **Turn Signal Lights (Brown Wires):** Connect to the positive wires of your vehicle's left and right turn signals. This provides visual confirmation of lock/unlock operations.
- **ACC (Orange Wire):** Connect to an Accessory (ACC) power source that is active when the ignition is on.

4.2. Installation Steps

1. **Disconnect Battery:** Disconnect the negative terminal of your vehicle's battery.
2. **Mount Module:** Choose a secure, dry location inside the vehicle (e.g., behind the dashboard) to mount the PNI 288 control module. Ensure it is not exposed to direct sunlight, extreme temperatures, or moisture.
3. **Identify Vehicle Wires:** Using your vehicle's wiring diagram or a multimeter, identify the correct wires for constant +12V, ground, door lock/unlock, trunk release, turn signals, and ACC.
4. **Connect Wiring Harness:** Carefully connect each wire from the PNI 288 wiring harness to the corresponding vehicle wire. Use proper crimp connectors or solder connections and insulate them with electrical tape or heat shrink tubing.
5. **Connect Module:** Plug the wiring harness into the PNI 288 control module.
6. **Reconnect Battery:** Reconnect the vehicle's negative battery terminal.
7. **Test System:** Test all functions of the PNI 288 system and ensure your vehicle's original systems (e.g., central locking, turn signals) still operate correctly.

5. Remote Control Operation

The PNI 288 system comes with two remote control key fobs. Each button performs a specific function:



Image 5.1: Close-up view of the PNI 288 remote control key fobs.

- **Lock Button (Closed Padlock Icon):** Press once to lock all vehicle doors. The turn signals will flash once to confirm.
- **Unlock Button (Open Padlock Icon):** Press once to unlock all vehicle doors. The turn signals will flash twice to confirm.
- **Trunk Release Button (Trunk Icon):** Press and hold for approximately 2-3 seconds to activate the remote trunk release.
- **Car Locator / Mute Button (Bell/Speaker Icon):** Press once to locate your car in a parking lot (lights will flash). This button may also function as a mute for alarm systems if integrated.

6. Maintenance and Care

- **Remote Control Battery:** If the remote control range decreases or it stops responding, the battery may need replacement. Refer to the remote's casing for battery type (typically a coin cell battery like CR2016 or CR2032). Carefully open the remote casing, replace the battery with a new one of the same type, and reassemble.
- **Module Care:** Ensure the control module remains dry and free from dust and debris. Do not attempt to open or repair the module yourself.
- **Cleaning:** Clean the remote controls with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.

7. Troubleshooting

If you experience issues with your PNI 288 system, try the following:

- **System Not Responding:**
  - Check the remote control battery.

- Ensure the vehicle's battery is charged.
- Verify all wiring connections to the PNI 288 module are secure and properly insulated.
- Check the fuse on the main power wire to the module, if applicable.

- **Doors Not Locking/Unlocking:**
  - Confirm the door lock/unlock wires are correctly connected to the vehicle's central locking system.
  - Ensure the vehicle's central locking system is functioning correctly with the original key or switch.
- **Poor Remote Range:**
  - Replace the remote control battery.
  - Ensure there are no major obstructions or sources of radio interference between the remote and the vehicle.
  - Check the antenna wire on the control module (if present) is extended and not obstructed.

If problems persist after troubleshooting, consult a professional automotive technician.

8. Technical Specifications

Brand	PNI
Model Number	288
Compatible Devices	Cars
Item Weight	0.23 kg

9. Warranty and Support

The PNI 288 Central Locking Module is covered by a manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty information provided at the time of purchase or contact your retailer for specific details regarding warranty duration and terms.
For technical support or further assistance, please contact PNI customer service or visit the official PNI website. Keep your proof of purchase for warranty claims.

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