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MOMO L073

MOMO Steering Boss L073 Instruction Manual

Model: L073 | Brand: MOMO

1. INTRODUCTION

This manual provides essential information for the correct installation and use of the MOMO Steering Boss L073. This component is designed to connect a MOMO steering wheel to a specific vehicle's steering column, ensuring proper fitment and functionality. The L073 is a vehicle-specific boss, compatible with models such as the Cardina (ST240 Series).

Please read these instructions thoroughly before beginning installation to ensure safety and optimal performance.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** Installation of steering components can affect vehicle safety. If you are not confident in your mechanical abilities, it is highly recommended to have this product installed by a qualified professional.
- **Disconnect Battery:** Always disconnect the vehicle's negative battery terminal before beginning any electrical work or component removal to prevent accidental airbag deployment or electrical shorts.
- **Airbag System:** If your vehicle is equipped with an airbag system, extreme caution must be exercised. Improper handling can lead to serious injury. Consult your vehicle's service manual for specific airbag removal procedures.
- **Torque Specifications:** Ensure all fasteners are tightened to the vehicle manufacturer's specified torque settings. Overtightening or undertightening can lead to component failure.
- **Compatibility:** This boss is vehicle-specific. Verify compatibility with your vehicle model and year before installation.

3. INSTALLATION GUIDE

The following steps outline the general procedure for installing the MOMO Steering Boss L073. Specific vehicle procedures may vary. Always refer to your vehicle's service manual for detailed instructions.

3.1 Required Tools

- Socket wrench set
- Torque wrench
- Screwdrivers (Phillips and flathead)
- Steering wheel puller (if required by vehicle)
- Wire cutters/strippers (for horn wiring)

3.2 General Installation Steps

1. **Prepare Vehicle:** Park the vehicle on a level surface, engage the parking brake, and disconnect the negative terminal of the battery. Ensure the front wheels are straight.
2. **Remove Original Steering Wheel:**
 - Carefully remove the airbag module (if present) according to your vehicle's service manual. Store it safely, facing upwards.
 - Disconnect horn wiring and any other electrical connections.
 - Loosen and remove the central nut securing the steering wheel to the steering column.
 - Use a steering wheel puller if the wheel is difficult to remove. Mark the steering column shaft and the steering wheel for correct alignment during reinstallation.
3. **Install MOMO Steering Boss L073:**
 - Slide the MOMO Steering Boss L073 onto the steering column shaft, aligning it with the marks made earlier to ensure the steering wheel will be straight.
 - Secure the boss with the original central nut. Tighten to the vehicle manufacturer's specified torque.
 - Connect the horn wiring. Refer to the horn coupler diagram below to identify the correct coupler for your vehicle.
4. **Install MOMO Steering Wheel:**
 - Attach the MOMO steering wheel to the boss using the provided screws. Ensure they are tightened securely and evenly.
 - Reconnect any other electrical connections as necessary.
5. **Final Checks:**
 - Reconnect the vehicle's negative battery terminal.
 - Test the horn functionality.
 - Turn the steering wheel lock-to-lock to ensure there is no binding or interference.
 - Verify that the steering wheel is centered when the wheels are straight.

3.3 Horn Coupler Identification

The following diagram illustrates various horn coupler types. Identify the coupler present in your vehicle to ensure correct wiring connections with the MOMO Steering Boss L073.



Figure 1: Horn Coupler Diagram. This diagram displays various horn coupler configurations, each identified by a number (1-34) and a corresponding MOMO L-series part number (e.g., L652, L251, L670, L672, L673, L252, L256, L253, L257, L255, L671, L674, L675, L675B, L271, L273, L274, L275, L014, L058, L059, L060, L061, L062, L358, L359, L361, L655, L654, L018, L051, L019, L012, L403, L452, L058-B (6-pole), L057, L062, L070, L063, L064, L071, L068, L072, L871, L065, L066, L072, L073, L075, L076, L676, L771, L073, L075, L772, L074, L772, L156, L156, L171, L170, L174, L110, L110Z, L160, L170, L174, L172, L174, L175, L176, L177, L360, L453, L470, L403, L404, L471, L472, L475, L476, L477). Match your vehicle's horn connector to the corresponding diagram for proper wiring.

4. OPERATION

The MOMO Steering Boss L073 serves as a critical interface between your vehicle's steering column and an aftermarket MOMO steering wheel. Once correctly installed, it ensures the secure mounting of the steering wheel and facilitates the proper function of the horn and any other integrated steering wheel controls (if applicable and wired correctly).

No specific operational steps are required for the steering boss itself beyond its correct installation. The operation of the steering wheel and horn will function as intended by the MOMO steering wheel design and your vehicle's electrical system.

5. MAINTENANCE

The MOMO Steering Boss L073 is designed for durability and requires minimal maintenance. However, periodic checks are recommended to ensure continued safety and performance:

- **Fastener Check:** Periodically inspect all mounting bolts and screws for tightness. Vibrations during driving can sometimes loosen fasteners. Retighten to specified torque if necessary.
- **Visual Inspection:** Check the boss and surrounding components for any signs of wear, damage, or corrosion.
- **Electrical Connections:** Ensure all horn and other electrical connections remain secure and free from corrosion.

Do not use harsh chemicals or abrasive cleaners on the boss. A soft, damp cloth is sufficient for cleaning if needed.

6. TROUBLESHOOTING

If you encounter issues after installing the MOMO Steering Boss L073, consider the following:

- **Horn Not Working:**

- Check all horn wiring connections for proper contact.
- Verify that the correct horn coupler was used as per the diagram in Section 3.3.
- Inspect the horn button on the MOMO steering wheel for proper function.
- Check the vehicle's horn fuse.

- **Steering Wheel Not Centered:**

- Ensure the steering boss was aligned correctly with the steering column shaft during installation.
- Re-align the boss and steering wheel if necessary, ensuring the front wheels are perfectly straight.

- **Loose Steering Wheel:**

- Immediately stop driving the vehicle.
- Check the central nut securing the boss to the steering column and the screws securing the steering wheel to the boss. Retighten to specified torque.

If problems persist, consult a qualified automotive technician or contact MOMO customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	MOMO
Model Number	L073
Fit Type	Vehicle Specific Fit
Position	Front Inner
Color	Black
Item Weight	80 g
Package Dimensions	15 x 15 x 10 cm

8. WARRANTY INFORMATION

MOMO products are manufactured to high standards. For specific warranty terms and conditions applicable to the Steering Boss L073, please refer to the warranty documentation included with your purchase or visit the official MOMO website. Warranty coverage typically addresses manufacturing defects and does not cover damage resulting from improper installation, misuse, or normal wear and tear.

9. CUSTOMER SUPPORT

If you have any questions regarding the installation, operation, or maintenance of your MOMO Steering Boss L073, please contact MOMO customer support or your authorized MOMO dealer. For the most up-to-date contact information, please visit the official MOMO website.

