Torque TR3434195

Torque 3434195 Aluminum Trailer Hub Caps Instruction Manual

Model: TR3434195

1. Product Overview

The Torque 3434195 Aluminum Hub Caps are designed for trailer axles, offering a durable and reliable replacement for damaged hub caps. These units are engineered to meet or exceed OEM standards, ensuring optimal performance and a secure seal to prevent leaks. Each hub cap is constructed from high-quality aluminum alloy, providing exceptional strength, waterproofing, and resistance to corrosion and cracking in various weather conditions. They feature a transparent window for easy oil level monitoring and a convenient port for refilling gear oil.

2. Specifications

Feature	Detail
Brand	Torque
Model Number	TR3434195
Material	Aluminum Alloy
Bolt Circle	6-3/4 inches
Bolt Size	5/16 inches
Number of Bolts	6
Height	3-11/16 inches
Inside Depth	2-15/16 inches
Flange ID	5-7/16 inches
Flange OD	7-1/2 inches
Replacement For	Stemco 343-4195, 3434195, 3434095; Automann 180.CR1869; National 343-195; Meritor A3262J1180

3. Key Features

- **Optimal Performance:** Designed to meet and surpass OEM standards for reliable operation.
- **Premium Quality:** Made from high-quality aluminum alloy for exceptional strength, waterproofing, and resistance to corrosion and cracking.
- **Leak-Proof Design:** Specifically engineered for trailer axles to provide a perfect seal, preventing oil leaks.
- **Easy Oil Refilling:** Features a convenient port for adding gear oil.
- **Transparent Window:** Allows for easy visual inspection of oil levels.

4. Setup and Installation

Proper installation is crucial for the longevity and performance of your hub caps. Follow these general guidelines for installation. Always refer to your vehicle's specific service manual for detailed instructions and safety precautions.

4.1 Components Overview

Figure 1: Four Torque 3434195 Aluminum Hub Caps.

Figure 2: Interior view of the Torque 3434195 hub caps, showing the bearing area.

Figure 3: Four gaskets for the Torque 3434195 hub caps.

Figure 4: Torque 3434195 hub caps shown with accompanying gaskets.

4.2 Installation Process

1. **Preparation:** Ensure the axle and mounting surface are clean and free from debris or old gasket material.
2. **Gasket Placement:** Place the new gasket onto the hub cap flange, ensuring proper alignment with the bolt holes.
3. **Mounting:** Carefully position the hub cap onto the trailer axle, aligning the bolt holes.
4. **Securing:** Insert and tighten the bolts evenly in a star pattern to ensure a uniform seal. Do not overtighten.
5. **Oil Fill:** Remove the rubber plug and fill with the appropriate gear oil to the recommended level, visible through the transparent window. Replace the plug securely.

4.3 Installation Videos

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Video 1: This video demonstrates the features and assembly process of the hub caps, highlighting the leak-proof design and transparent window.

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Video 2: This video provides a visual guide to the installation of the hub caps on a trailer axle, including gasket application and securing bolts.

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Video 3: This video details the excellent sealing properties and the vent hole design of the hub cap plugs, ensuring pressure release and preventing leaks.

5. Operating Instructions

Once installed and filled with the correct gear oil, the hub caps operate passively, protecting your wheel bearings. Regularly check the oil level through the transparent window to ensure adequate lubrication. The oil level should be maintained between the 'FULL' and 'ADD' markings.

6. Maintenance

- **Regular Inspection:** Periodically inspect the hub caps for any signs of damage, cracks, or leaks. Check the transparent window for clarity and ensure the oil level is correct.
- **Oil Level Check:** Use the transparent window to monitor the gear oil level. If the level is low, add the recommended type and amount of gear oil through the fill port.
- **Gasket Integrity:** Ensure the gaskets are in good condition. Replace them if they show signs of wear or damage to maintain a leak-proof seal.
- **Cleaning:** Keep the exterior of the hub caps clean to easily spot any potential issues and maintain the visibility of the oil level window.

7. Troubleshooting

- **Oil Leakage:** If you observe oil leakage, first check the tightness of the mounting bolts. Ensure they are torqued evenly. Inspect the gasket for proper seating and damage. Replace the gasket if necessary.
- **Cloudy Window:** A cloudy transparent window might indicate internal contamination or degradation of the plastic. While it may not affect function immediately, consider replacement for better oil level visibility.
- **Loose Fit:** If the hub cap feels loose after installation, re-check the bolt torque. Ensure the mounting surface is flat and clean.

8. Warranty and Support

For warranty information, technical support, or replacement parts, please contact Torque customer service. Keep your purchase receipt and model number (TR3434195) handy for faster service. This product is from a small business brand; your support is appreciated.