

Heng Long 3889

Henglong 1/16 Scale German Leopard2A6 RC Tank 3889 Metal Tracks Adjusters User Manual

Model: 3889

PRODUCT OVERVIEW

This manual provides instructions for the installation and maintenance of the Henglong 1/16 Scale German Leopard2A6 RC Tank 3889 Metal Tracks Adjusters. These components are designed to replace or upgrade the existing track adjusters on your Henglong 1/16 German Leopard2A6 RC tank, ensuring proper track tension and performance.

The package includes one pair of metal track adjusters, specifically designed for the Henglong 1/16 German Leopard2A6 RC tank model 3889.

SETUP AND INSTALLATION

Proper installation of the metal track adjusters is crucial for the optimal operation of your RC tank. Follow these steps carefully:

- Preparation:** Ensure your RC tank is powered off and the battery is disconnected. Place the tank on a stable, clean surface.
- Access Tracks:** Carefully remove the tank's upper hull or any covers necessary to access the track assembly and existing adjusters. Refer to your tank's primary manual for specific disassembly instructions.
- Remove Old Adjusters:** Locate the current track adjusters. These are typically found near the idler wheel at the front of the track system. Use appropriate tools (e.g., small screwdriver) to carefully detach and remove the old adjusters. Note their orientation for reference.
- Install New Metal Adjusters:** Position the new metal track adjusters in the same location and orientation as the ones removed. Ensure the gear teeth or engagement points align correctly with the track tensioning mechanism.
- Secure Adjusters:** Fasten the new adjusters using the original screws or hardware. Do not overtighten, as this may strip threads or damage components.

6. **Track Tension Adjustment:** Once installed, you may need to adjust the track tension. The adjusters allow for fine-tuning the slack in the tracks. Adjust until the tracks have a slight sag, but not so much that they easily come off the wheels. Overly tight tracks can strain the motor and gearbox.
7. **Reassemble Tank:** Reattach any covers or the upper hull that were removed during the process.



This image displays the two metal track adjusters separately at the top, highlighting their design. Below, the image shows one adjuster installed on the chassis of a Henglong 1/16 German Leopard2A6 RC tank, with a red circle indicating the precise mounting location.

OPERATING PRINCIPLES

The metal track adjusters function by providing a robust and precise mechanism for maintaining optimal tension on the tank's tracks. Correct track tension is essential for:

- **Smooth Movement:** Prevents tracks from slipping or binding during operation.
- **Reduced Wear:** Minimizes stress on the drive system, wheels, and tracks, extending their lifespan.
- **Enhanced Performance:** Ensures consistent traction and maneuverability across various terrains.

After installation, periodically check track tension and adjust as needed, especially after extended use or if the tank experiences rough terrain.

MAINTENANCE

To ensure the longevity and performance of your metal track adjusters, consider the following maintenance tips:

- **Regular Inspection:** Periodically inspect the adjusters for any signs of wear, damage, or loosening.
- **Cleaning:** Keep the adjusters and surrounding track mechanism free from dirt, debris, and foreign objects that could impede their function. Use a soft brush or compressed air for cleaning.
- **Lubrication:** Lightly lubricate any moving parts of the adjustment mechanism with a suitable RC-safe

lubricant to ensure smooth operation. Avoid over-lubrication, which can attract dirt.

- **Tightness Check:** Ensure all screws securing the adjusters are snug. Retighten if necessary, but do not overtighten.

TROUBLESHOOTING

If you encounter issues related to track tension or the adjusters, consider these common troubleshooting steps:

- **Tracks Too Loose:**
 - Adjust the track adjusters to increase tension.
 - Check for worn track links or damaged wheels that might be causing excessive slack.
- **Tracks Too Tight:**
 - Adjust the track adjusters to decrease tension.
 - Ensure no debris is caught in the track system.
- **Adjusters Not Holding Position:**
 - Check if the securing screws are loose and tighten them.
 - Inspect the adjusters for damage or stripped threads. Replacement may be necessary.
- **Unusual Noise from Tracks:**
 - Inspect for foreign objects caught in the tracks or wheels.
 - Verify track tension is correct.
 - Check for damaged track links or wheels.

SPECIFICATIONS

- **Product Type:** Metal Tracks Adjusters
- **Compatibility:** Henglong 1/16 Scale German Leopard2A6 RC Tank (Model 3889)
- **Material:** Metal
- **Package Includes:** One pair of adjusters
- **Item Weight:** 0.64 ounces (approximately 18 grams)
- **Package Dimensions:** 5.1 x 3.5 x 3.1 inches
- **Manufacturer:** Henglong
- **Recommended Age:** 14 years and up

WARRANTY AND SUPPORT

This product is designed for durability and performance. For specific warranty information, please refer to the original purchase documentation or contact your retailer. For technical support or inquiries regarding this product, please reach out to the manufacturer or your point of purchase.

Note: Always ensure you are using genuine Henglong parts for replacements to maintain compatibility and performance.

