Mevotech TXMS50570

Mevotech TTX Suspension Ball Joint Instruction Manual

Model: **TXMS50570** | Brand: **Mevotech**

Introduction

This manual provides detailed instructions for the proper installation, operation, and maintenance of your Mevotech TTX Suspension Ball Joint. Designed for extreme durability and performance, the TTX series is engineered to meet the rigorous demands of trucks and working vehicles. Please read this manual thoroughly before beginning any procedures to ensure safe and correct usage.

1. Setup and Installation

The Mevotech TTX Ball Joint is designed for quick and easy installation, often requiring minimal specialized tools. Always ensure the vehicle is properly supported and safety precautions are followed before beginning any work.

Installation Steps:

1. **Prepare the Vehicle:** Safely lift and support the vehicle according to manufacturer specifications. Remove the old ball joint.
2. **Clean Mounting Area:** Ensure the mounting surfaces are clean and free of debris.
3. **Install New Ball Joint:** Insert the new Mevotech TTX Ball Joint into its proper position.
4. **Secure with Castle Nut:** Install the provided slotted castle nut onto the ball joint stud. Tighten to vehicle manufacturer's torque specifications.
5. **Insert Easy-Snap Locking Pin:** Once the castle nut is torqued, align the slots and push in the Easy-Snap Locking Pin. This pin is designed for tool-free installation, providing a secure lock.
6. **Final Inspection:** Double-check all connections and ensure proper fitment before lowering the vehicle.



Image: Components of the Mevotech TTX Ball Joint, including the castle nut, Easy-Snap cotter pin, and self-sealing grease fitting.

Installation Video:

Your browser does not support the video tag.

Video: Demonstrates the quick and easy installation process of the Mevotech TTX Ball Joint, highlighting the Easy-Snap Locking Pin.

2. Operation and Performance

The Mevotech TTX Suspension Ball Joint is engineered for optimal performance in demanding conditions. Its design ensures precise suspension geometry and chassis movement, critical for vehicle stability and handling.

- **Maximum Toughness:** Features patented sintered bearings for extended performance life.
- **Superior Seal:** The Integri-Boot design effectively locks out moisture and contaminants, protecting internal components.
- **Exceptional Fit and Function:** Constructed with a thicker, stronger flange to prevent deformation during installation and ensure a secure fit.





Image: Front view of the Mevotech TTX Suspension Ball Joint, showcasing its robust construction.



Image: Bottom view of the Mevotech TTX Suspension Ball Joint, highlighting the durable housing and grease fitting.

Product Engineering Videos:

Your browser does not support the video tag.

Video: Explains how TTX engineering ensures durability for hard-working vehicles.

Your browser does not support the video tag.

Video: Details the application-specific boot design and tools for TTX ball joints.

3. Maintenance

Regular maintenance is crucial to maximize the lifespan and performance of your Mevotech TTX Suspension Ball Joint. The ball joint is designed for easy servicing.

Recommended Maintenance:

- **Lubrication:** The ball joint includes a 180-degree SAE grease fitting for simple lubrication. Periodically grease the fitting with appropriate automotive grease as recommended by your vehicle manufacturer or a qualified mechanic.
- **Inspection:** Regularly inspect the Integri-Boot for any signs of damage, cracks, or tears. A damaged boot can allow contaminants to enter, leading to premature wear.
- **Check for Play:** During routine vehicle inspections, check the ball joint for any excessive play or looseness. Address any issues promptly.



Image: Close-up of the Mevotech TTX Ball Joint showing the accessible grease fitting for easy maintenance.

4. Troubleshooting

While Mevotech TTX Ball Joints are built for durability, issues can occasionally arise. Here are some common symptoms and potential solutions:

Symptom	Possible Cause	Solution
Clunking or popping noise from suspension	Worn or loose ball joint, insufficient lubrication.	Inspect ball joint for play. Lubricate if needed. Replace if worn.
Uneven tire wear	Excessive play in ball joint affecting alignment.	Inspect and replace worn ball joint. Perform wheel alignment.

Symptom	Possible Cause	Solution
Steering looseness or wandering	Worn ball joint components.	Inspect and replace ball joint. Check other steering components.
Difficulty with installation (e.g., not fitting correctly)	Incorrect part for vehicle application, manufacturing tolerance.	Verify part number against vehicle specifications. Contact supplier if fitment issues persist.

Note: *For complex issues or if you are unsure about any repair, it is highly recommended to consult a certified automotive technician.*

5. Specifications

Key specifications for the Mevotech TTX Suspension Ball Joint (Model TXMS50570):

- **Manufacturer:** Mevotech
- **Brand:** Mevotech
- **Model:** Ball Joint
- **Item Weight:** 2 pounds
- **Product Dimensions:** 4.5 x 5 x 5.5 inches
- **Country of Origin:** China
- **Item Model Number:** TXMS50570
- **Exterior:** Machined
- **Manufacturer Part Number:** TXMS50570
- **OEM Part Number:** TXMS50570
- **ASIN:** B07P8MP3WZ
- **First Available Date:** March 4, 2019

6. Warranty Information

Mevotech stands behind the quality and durability of its products. For specific warranty terms and conditions applicable to your TTX Suspension Ball Joint, please refer to the official Mevotech warranty policy available on their website or contact their customer service. Keep your proof of purchase for any warranty claims.

7. Customer Support

If you have any questions, require technical assistance, or need to report an issue with your Mevotech TTX Suspension Ball Joint, please contact Mevotech customer support through their official channels. You can typically find contact

information on the Mevotech website or through your product retailer.
Visit the official Mevotech Store for more information:Mevotech Store on Amazon

© 2024 Mevotech. All rights reserved.
This manual is for informational purposes only. Always consult a qualified professional for vehicle repairs.

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