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Service Tips and Best Practices

Importance of Regular Lubrication- Steering and Suspension Components

Brand	Supreme/TTX	Product	Steering and Suspension	Date	February 2021
Part Number(s)	Various				

Many Mevotech Supreme and TTX steering and suspension components feature a design which incorporates a greaseable function. This is accomplished via a standard SAE compliant grease/zerk fitting. Regular lubrication promotes extended part service life and continual trouble-free part operation. Additionally, regular lubrication flushes out contaminants and other debris, minimizing wear and corrosion on internal part components.

When new lubricant is introduced, it displaces contaminants and other debris from the vital ball and bearing surfaces. This removes and prevents the accumulation of contaminants, debris, water and or moisture.

To assist in this process, Mevotech Supreme and TTX steering and suspension components integrate a self-sealing grease relief valve. This relief valve allows both contaminants, debris and excess new grease to be evacuated. Additionally, it seals out external contaminants. **See Figure 1 and 2**.

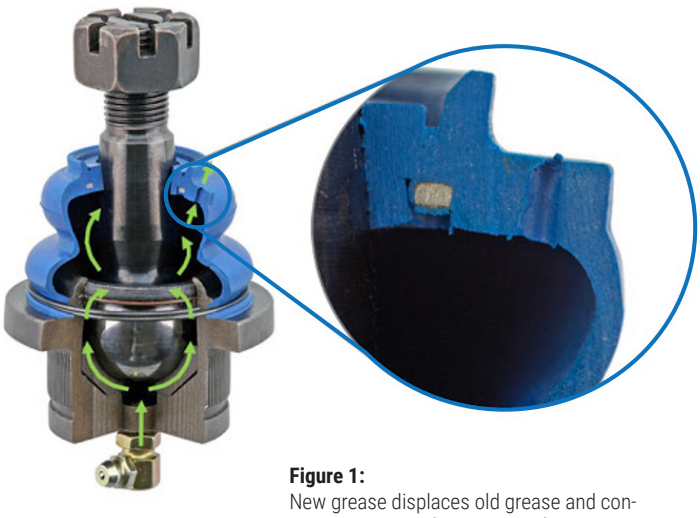

Figure 1:
New grease displaces old grease and contaminants via self-sealing relief valve

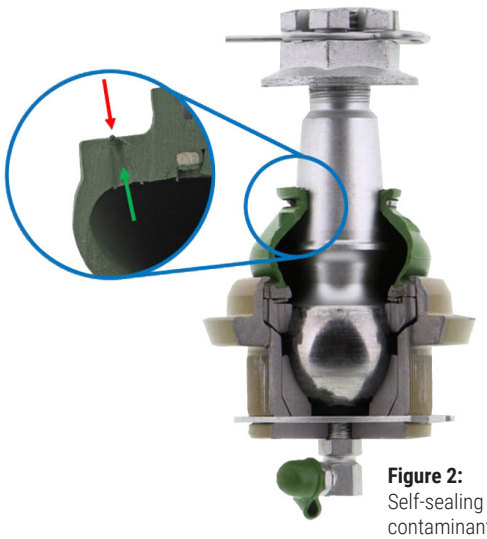

Figure 2:
Self-sealing valve prevents external contaminants from entering component

Mevotech Supreme and TTX steering and suspension components are pre-greased from the factory. However, it is suggested to introduce one or two pumps of grease during installation. After installation, it is recommended to inspect and re-grease at every vehicle oil service interval.

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To successfully lubricate Mevotech Supreme and TTX steering and suspension components, it is important to adhere to the following:

- Ensure to only use a grease formulation which conforms to the NLGI GC-LB or #2 specification.
- It is advised to use a manual hand operated grease gun to perform the lubrication service. If an electric or otherwise pressurized grease gun is to be used, it is important to exercise caution as these may quickly overfill the component, leading to boot and or seal damage.
- Ensure to use the correct adaptor/coupler between the grease gun and component.
- Locate the grease/zerk fitting and remove any contaminants and or debris from the fitting before beginning service.
- Slowly pump new grease into the component until the old grease and other contaminants are flushed out. Monitor the grease relief valve for discharge and boot for swelling. Ensure not to overfill.
- Once service is complete, ensure to clean off old grease and contaminants from boot, grease/zerk fitting and surrounding components.

Failure to adhere to the above and or improper service procedures may cause premature failure of the component.

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