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Service Tips and Best Practices

Best Practices- Grease Guns and Relubrication Service

Brand	Supreme/TTX	Product	Ball Joints/Control Arms/Stabilizer Links/Tie Rod Ends	Date	July 2021
Part Number(s)	Various				

Many Mevotech steering and suspension components incorporate a greaseable or serviceable function. This function can be identified by the presence of a grease/zerk fitting. Mevotech grease/zerk fittings are of standard SAE compliant sizing to ensure wide compatibility with grease guns.

Regular relubrication promotes extended part service life and continual trouble-free operation. It also flushes out contaminants and other debris, minimizing wear and corrosion on internal part components.

To ensure a successful relubrication service, it is important to follow the best practices below:

- Only use a grease formulation that conforms to the NLGI GC-LB or #2 specification.
- Store grease guns and cartridges in a clean, cool and dry environment free of contamination.
- Store grease guns unpressurized and in a horizontal position to help prevent oil from separating from the grease compound.
- Inspect all couplers and attachments for wear before and after use.
- Remove all grease and other contaminants from couplers and attachments before and after use.
- Use only a manual (hand/lever) operated grease gun to perform relubrication service. Electric and pneumatic grease guns are typically designed to deliver a high volume and sustained output, which may quickly overfill the part, leading to dust boot and/or seal damage. **See Figure 1**.
- Before beginning relubrication service, dispense a small amount of grease from the gun to verify both correct operation of the tool and contaminant-free grease.
- Always use the correct adaptor/coupler between the grease gun and part.
- Locate the grease/zerk fitting and remove any contaminants and/or debris before beginning service.
- Slowly pump new grease into the component until old grease is flushed out. Monitor the grease relief valve for discharge. Boot should swell slightly. Do not overfill.
- Once relubrication service is complete, clean off old grease and contaminants from the boot, grease/zerk fitting and surrounding components.



Figure 1. Manually operated grease gun recommended for use

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

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