Ford XG-11

Ford XG-11 Grease - Chassis Lubrication User Manual

Model: XG-11

1. Product Overview

The Ford XG-11 Grease is a high-quality chassis lubrication product designed for automotive applications. It is engineered to meet vehicle specifications, providing reliable performance for maintenance and repair needs. This genuine OEM part ensures compatibility and effectiveness within your vehicle's systems.



Figure 1: Ford XG-11 Chassis Lubrication Grease tube. This image displays the Ford XG-11 Chassis Lubrication Grease in its cylindrical container, featuring a red label with 'Motorcraft' branding and product details.

2. Safety Information

Always prioritize safety when handling lubricants. Read and understand all safety data sheets (SDS) for this product before use. Adhere to the following general safety guidelines:

- **Personal Protective Equipment (PPE):** Wear appropriate gloves (e.g., nitrile or neoprene) and eye protection (safety glasses or goggles) to prevent skin and eye contact.
- **Ventilation:** Use in a well-ventilated area to avoid inhalation of vapors.
- **Flammability:** Keep away from heat, sparks, open flames, and hot surfaces. Do not smoke during use.
- **Storage:** Store in a cool, dry place, away from direct sunlight and incompatible materials. Keep container tightly closed when not in use.
- **Disposal:** Dispose of used grease and contaminated materials in accordance with local environmental regulations. Do not pour into drains or waterways.
- **First Aid:** In case of skin contact, wash thoroughly with soap and water. For eye contact, rinse cautiously with water for several minutes. If swallowed, do not induce vomiting; seek immediate medical attention.

3. Setup and Preparation

Proper preparation ensures effective lubrication and safety.

1. **Gather Tools:** Ensure you have the necessary tools, such as a grease gun (if applicable), clean rags, and appropriate wrenches for accessing lubrication points.
2. **Clean Surfaces:** Before applying grease, thoroughly clean the lubrication points to remove old grease, dirt, and debris. This prevents contamination and ensures proper adhesion of the new lubricant.
3. **Inspect Components:** Check the components to be lubricated for any signs of wear, damage, or corrosion. Address any issues before applying new grease.
4. **Prepare Grease Gun:** If using a grease gun, ensure it is clean and properly loaded with the Ford XG-11 Grease cartridge. Purge any air from the gun to ensure a steady flow.

4. Operating Instructions (Application)

Follow these steps for effective application of Ford XG-11 Grease:

1. **Identify Lubrication Points:** Consult your vehicle's service manual to identify all chassis lubrication points, which typically include ball joints, tie rod ends, universal joints, and steering components.
2. **Attach Grease Gun:** Securely attach the grease gun coupler to the grease fitting (zerk fitting) on the component. Ensure a tight seal to prevent grease leakage.
3. **Apply Grease:** Slowly pump the grease gun handle until fresh grease begins to extrude from the lubrication point. For most chassis components, apply grease until a slight bulge of new grease is visible around the boot or seal. Avoid over-greasing, as this can damage seals.
4. **Wipe Excess:** After application, carefully wipe away any excess grease from the fitting and surrounding area using a clean rag. This prevents accumulation of dirt and debris.
5. **Repeat:** Move to the next lubrication point and repeat the process until all specified points have been serviced.

For specific component lubrication, such as wheel bearings, refer to the detailed instructions in your vehicle's maintenance manual, as procedures may vary.

5. Maintenance and Storage

Proper maintenance and storage of the Ford XG-11 Grease will ensure its longevity and effectiveness.

- **Container Sealing:** After each use, ensure the grease container or cartridge is tightly sealed to prevent contamination from dirt, moisture, and air.
- **Storage Conditions:** Store the grease in its original container in a cool, dry, and well-ventilated area. Avoid extreme temperatures, both hot and cold, as they can affect the grease's consistency and performance.
- **Cleanliness:** Keep the area around the grease container clean to prevent foreign particles from entering the product.
- **Grease Gun Care:** If using a grease gun, clean its exterior after use. Store it in a way that prevents dirt from entering the barrel or nozzle.

6. Troubleshooting

Common issues encountered during grease application and their solutions:

- **Grease Not Dispensing from Gun:**

- **Air Lock:** Loosen the grease gun's head slightly to release trapped air, then retighten.
- **Clogged Fitting:** Inspect the grease fitting (zerk) for clogs. Clean or replace if necessary.
- **Empty Cartridge:** Check if the grease cartridge is empty and replace if needed.

- **Grease Leaking Around Fitting:**
  - **Poor Connection:** Ensure the grease gun coupler is securely and squarely attached to the fitting.
  - **Damaged Fitting:** The grease fitting may be worn or damaged. Replace the fitting.
  - **Damaged Coupler:** The grease gun coupler might be worn. Replace the coupler.

- **Inadequate Lubrication After Application:**
  - **Insufficient Quantity:** Ensure enough grease is applied until new grease is visible.
  - **Incorrect Grease Type:** Verify that Ford XG-11 Grease is the correct type for the application as specified by your vehicle manufacturer.
  - **Component Damage:** The component itself (e.g., ball joint, bearing) may be worn beyond the point where lubrication alone can resolve the issue. Inspection and potential replacement may be required.

7. Specifications

Key specifications for Ford XG-11 Grease:

Attribute	Detail
Manufacturer	Ford
Brand	Ford
Item Model Number	XG-11
Manufacturer Part Number	XG-11
Item Weight	8.8 ounces
Package Dimensions	17 x 17 x 17 inches
First Available Date	December 15, 2016

8. Warranty and Support

For information regarding product warranty, technical support, or specific application guidance, please refer to the official Ford or Motorcraft documentation provided with your vehicle or contact an authorized Ford service center or parts dealer.

Genuine OEM parts typically carry a manufacturer's warranty against defects in materials and workmanship. Keep your purchase receipt for warranty claims.

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