Pro 4 Ball Joint – Greasing & Maintenance Instructions

Purpose

Proper lubrication of Pro 4 Ball Joints is critical to ensure maximum performance, longevity, and resistance to wear in demanding off-road conditions.

Recommended Greasing Intervals

Normal Use (Daily Driving / Light Off-Road)

- Grease every **3,000–5,000 miles**
- Or at every **oil change**

Moderate Off-Road Use (Weekend Trails, Dust, Light Mud)

- Grease every **1,000–2,000 miles**
- Inspect regularly for contamination

Severe Use (Mud, Water Crossings, Racing, Heavy Abuse)

- Grease **after every off-road trip**
- Immediately after **water or mud exposure**

Greasing Procedure

1. **Clean the Zerk Fitting**
    - Wipe off dirt and debris before attaching grease gun
    - Prevents contamination inside the joint
2. **Apply Grease**
    - Use a **high-quality Moly Grease**
    - Pump slowly until:
        Fresh grease is visible at the boot, OR
        Slight resistance is felt

3. **Do Not Overfill**
    - Excessive grease can damage the boot seal
    - Stop once the boot slightly expands
4. **Wipe Excess**
    - Remove any excess grease to prevent dirt buildup

Inspection Guidelines

During each service, check for:

- Torn or damaged boots
- Excessive play or looseness
- Unusual noise (clunking or squeaking)

If any of the above are present, service or replace the ball joint immediately.

Important Notes

- Frequent greasing is **critical in off-road environments**
- Lack of lubrication will significantly reduce lifespan
- Always grease **more often in harsh conditions than less**

Recommended Grease Type

- GreaseCo SuperDuty Moly Grease