

5.1.15 Lubricate grease fittings:

**Service Interval: Refer to chart.**

- Stop engine, wait for all moving parts to stop, and remove key.
- Lubricate fittings with one to two pumps of NGLI grade #2 multi-purpose gun grease. Refer to the following chart for fitting locations and lubrication schedule.

**LUBRICATION CHART**

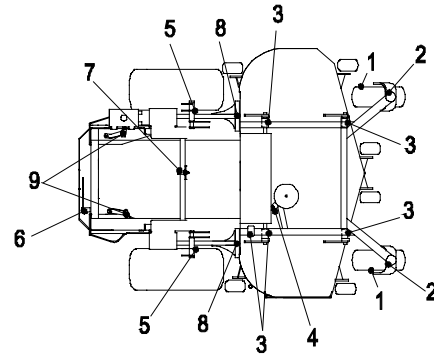
FITTING LOCATIONS	INITIAL PUMPS	NO. of PLACES	SERVICE INTERVAL
1. Front Caster wheel hubs	*0	2	*yearly
2. Front Caster Pivots	*0	2	*yearly
3. Height Adj. Shaft Bearings	1	5	40 hours
4. Deck Drive Belt Idler Arm	1	1	40 hours
5. Brake Brackets	1	2	200 hours
6. Fan Pump Belt Idler Arm	1	1	40 hours
7. Wheel Drive Pump Belt Idler Arm	1	1	40 hours
8. Deck Rear Struts	1	2	40 hours
9. Mule Drive Belt Idler Arms	1	2	40 hours

\* See Section 5.1.15 c) for special lubrication instructions on the front caster pivots and Section 5.1.16 for special lubrication instructions on the front casters wheel hubs.

No. 6 (Fan Pump Belt Idler Arm)  
Access through hole in bumper plate

No. 7 (Pump Drive Belt Idler Arm)  
Located Under Seat

No. 4, 6,7, 9 (Idler Pivots) Monthly disassemble belt and spring and grease under a "No Load" condition.



- Lubricate front caster pivots once a year. Remove hex plug and cap. Thread grease zerk in hole and pump with grease until it oozes out around top bearing. Remove grease zerk and thread plug back in. Place cap back on.

5.1.16 Lubricate caster wheel hubs:

**Service Interval: Once Yearly.**

- Stop engine, wait for all moving parts to stop, and remove key.
  - Disassemble the caster wheels, pry out seals, and inspect bearings for wear or damage and replace if necessary.
  - Pack the bearings with NGLI grade #2 multi-purpose gun grease.
  - Insert (1) bearing, (1) new seal, and (1) bearing spacer.
- NOTE:** Seals (Exmark PN 103-0063) must be replaced.
- Insert Caster Spacer.
  - With open end of wheel up, fill area inside wheel around caster spacer with NGLI grade #2 multi-purpose gun grease.
  - Insert the second (1) bearing, (1) new seal, and (1) bearing spacer.
  - Put wheel and tire assembly on the unit and adjust by tightening the nyloc nut until wheel will not turn freely. Back nut off 1/6 of a turn so the wheel will just turn with a slight amount of drag.

**IMPORTANT:** To prevent seal and bearing damage, check the bearing adjustment often. Spin the caster tire. The tire should not spin freely (more than 1 or 2 revolutions) or have any side play. If the wheel spins freely adjust per step h).