

# Landing Gear Lube

## Service Bulletin

### Landing Gear

#### Landing Gear Lubrication



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#### 1. Landing Gear Lubrication is Important

Although your landing gear was properly greased and packed with high quality lubricants when manufactured, it is necessary to periodically add more grease to maintain proper lubrication and satisfactory performance for your particular application.

Periodically adding grease to your landing gear should be part of your preventative maintenance program and should be done every six months or more often, if required.

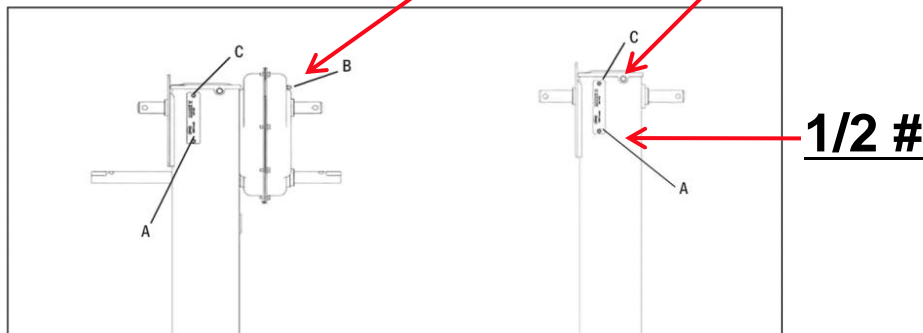
For **low temperature operations** (under 20° F) use a lithium or an anhydrous calcium extreme pressure grease that operates down to -65°F.

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Lubricate as follows: (see **FIGURE 1**)

1. Fully retract the landing gear, then using high gear, lower the leg 2-3 turns and lubricate the lift-screw assembly through grease fitting "A" (see landing gear legs shown below). Apply 1/2 lb. of grease.
2. Lubricate the gearbox, using grease fitting "B". Apply 1/4 lb. of grease
3. Lubricate the bevel gear using grease fitting "C". Apply 1/4 lb. of grease
4. Distribute the lubrication by fully extending and retracting the leg several times.

Figure # 1



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LG Lube, if DRY:	
Gearbox-	1 1/2 #
Both Zerks-	3/4 #
<b>70 pumps with hand pump = 1/4 #</b>	

Fill gearbox  
 'till grease comes out of  
 bottom shaft hole\*\*  
 \*\*For older models without shaft seals.

**Cross Shaft MUST BE LOOSE!**  
 By hand :  
 1/2 turn forward & aft!

