



Preventive Maintenance for the Linear Platelet Reciprocator and Linear Aphaeresis Reciprocator

The Linear Reciprocator was fully lubricated, tested and inspected prior to shipment.

We recommend the Linear Reciprocator be inspected once a year. This can be completed by removing the End Caps from the base of the unit. (See Drawing).

As with any type of Mechanical Equipment, the LPR may require some Preventive Maintenance in the form of lubrication.

If a squeak develops in this equipment, it will most likely be from the Ball Joint Assembly. (See Drawing). The Ball Joint Assembly is a prevision quality component, but may require some lubrication from time to time. The steps listed below will aid in the inspection and lubrication of the Ball Joint Assembly and Ball Race.

NOTE: DISCONNECT LPR FROM POWER SOURCE!!!

LUBRICATION OF THE BALL JOINT ASSEMBLY

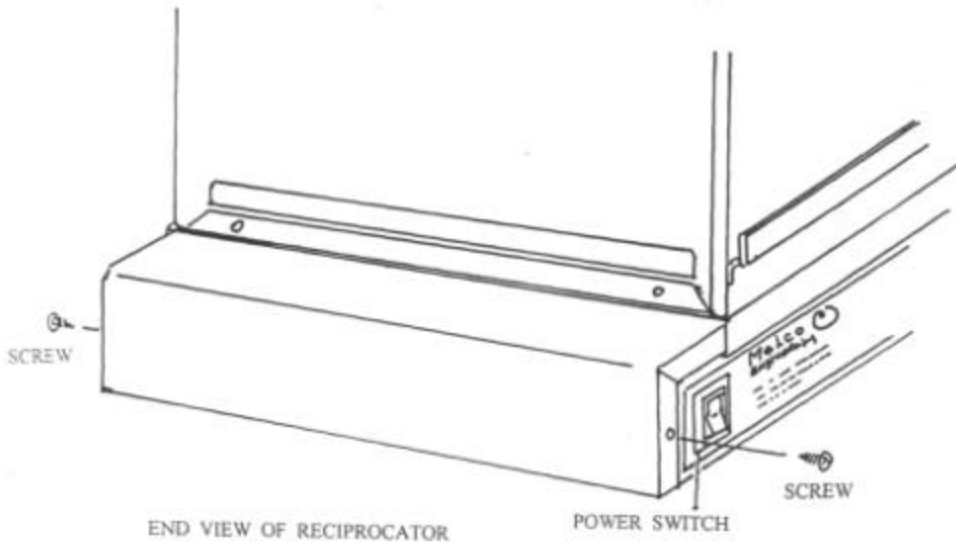
1. Remove End Cap from the left side of LPR by removing the two (2) screws located on the Front and Rear of the unit. (See Drawing).
2. Locate the Ball Joint Assembly attached to the Flywheel. (See Drawing).
3. Apply WD-40 or another light weight oil to the Nylon bearings on both ends of the Ball Joint.
4. Reinstall End Cap.
5. Plug LPR into power supply and turn on to test.

LUBRICATION OF THE BALL RACE

1. Remove both End Caps. Located both Ball Races. (See Drawing).
2. Apply grease to the portion of the Race where the Ball Bearings roll.
3. Reinstall both End Caps.
4. Plug LPR into power supply and turn on to test.

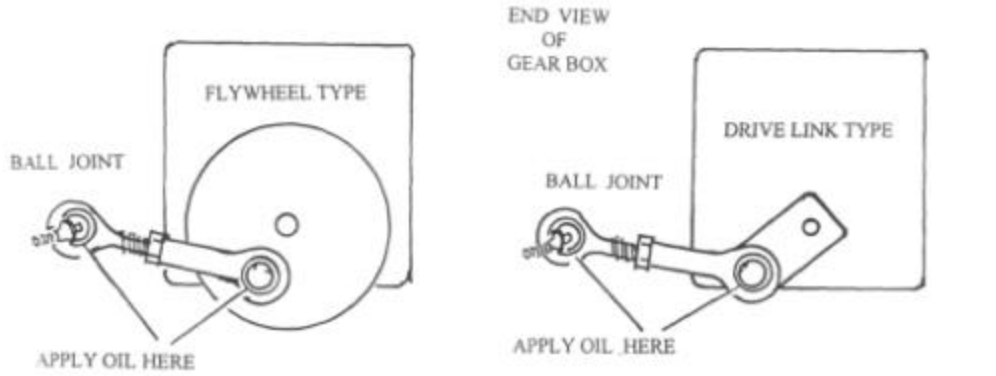
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END VIEW OF RECIPROCATOR

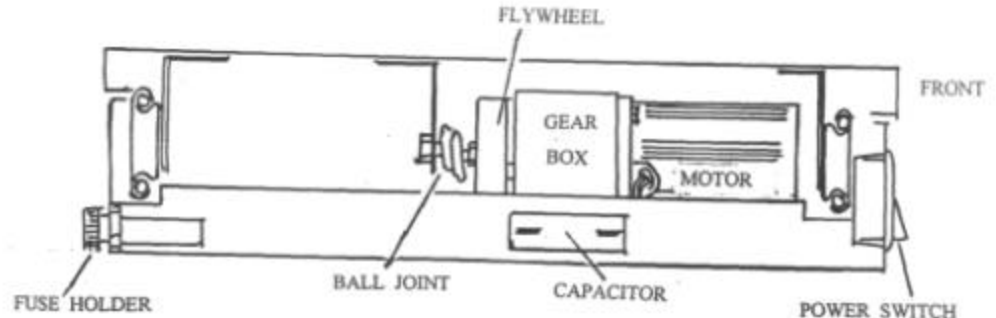
POWER SWITCH



END VIEW OF GEAR BOX

FLYWHEEL TYPE

DRIVE LINK TYPE



END VIEW OF RECIPROCATOR
(With End Cap removed)

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