

OPERATION OF DUMP HOIST

RAISING THE DUMP BODY

1. Make sure the leaf vacuum is connected properly to the towing vehicle. **DO NOT RAISE THE HOIST IF THE UNIT IS NOT PROPERLY CONNECTED TO THE TOW VEHICLE!**
2. Survey the dumping area for overhead lines or any object that could hinder the path of the box container when dumping. Be sure to look at the sides, rear of unit and above the box container for any obstructions, persons or animals.
3. Secure the rear doors to the side of the box container.
4. Double-check the complete area to be sure all people, power lines or other objects are clear of the dumping area.
5. Start the engine using the procedure located in the front of this manual. Set the engine speed to approximately 1,200 RPM's (increase if necessary).
6. Make sure the clutch is disengaged.
7. Slowly raise the body to the height needed to remove the material from the box container.
8. Use the body prop if the unloaded box container is left in the raised position.

CAUTION See Crysteel Truck Body Prop section for complete instructions.

LOWERING THE DUMP BODY

1. Make sure the leaf vacuum is connected properly to the towing vehicle. **DO NOT RAISE THE HOIST IF THE UNIT IS NOT PROPERLY CONNECTED TO THE TOW VEHICLE!**
2. Make sure all persons, tools or other objects are clear of the hoist .
3. Make sure body prop is down.
4. Set engine speed to appoximately 1,200 RPM's and slowly lower hoist.
5. When the dump body lowers to approximately 12" from the bottom position the body may stop. This is because a safety check valve is installed in the hoist hydraulic lines. The check valve prevents the dump body from being lowered too quickly. **DO NOT REMOVE OR ALTER THIS VALVE IN ANY WAY!**
6. If the body stops near the bottom, raise the body approximately 12" and slowly lower the dump body to the bottom. The body must be lowered slowly the last 12" or it will not go to the bottom position.

SOME DO'S AND DONT'S FOR SAFETY AND LONG LIFE

1. Use the Proper hydraulic Fluid. **KEEP IT CLEAN.** Remember to change it regularly.
2. Lubricate all grease fittings at regular intervals.
3. **ALWAYS BLOCK UP THE HOIST BEFORE WORKING UNDER IT.**
4. Do not race the engine when unloading.
5. Do not overload the hoist beyond its capacity.
6. **DO NOT TAMPER WITH THE HYDRAULIC RELIEF VALVE.** This will void the warranty. It can cause severe damage to the hoist and cylinder.
7. **NEVER LEAVE THE PTO IN GEAR WHILE TRANSPORTING, IT WILL RUIN THE HYDRAULIC PUMP.**
8. Check all bolts and setscrews regularly.

HYDRAULIC FLUID

The hydraulic tank hold 8 gallons. **KEEP IT CLEAN!! USE CLEAN CONTAINERS, FUNNELS AND OTHER EQUIPMENT.** Use a high quality ISO 68 grade, non-foaming, hydraulic fluid.

CRYSTEEL TRUCK BODY PROP

Crysteel's Body Prop is designed and intended for use to support an EMPTY truck body in the raised position to permit service work to be performed safely beneath a raised body. **DO NOT GO BENEATH THE CONTAINER BODY UNLESS THE BODY IS EMPTY AND THE BODY PROP IS IN THE PROPER POSITION!**

CAUTION UNLOAD BODY BEFORE USING BODY PROP!

OPERATION OF BODY PROP

1. Raise body to full height and shut off all power.
2. Raise prop to upright position.
3. Lower body **SLOWLY** until body bracket contacts prop.
4. **DO NOT POWER HOIST DOWN.**