

# LOVEREEL PICK-UP REEL OPERATION & ADJUSTMENT

## PLACEMENT OF REEL ON COMBINE OR SWATHER:

1. Reel center should be forward of cutterbar 5" to 9".
2. Do not set Reel too far ahead of cutterbar as it will strip the crop.
3. Set Reel center forward the same on both ends.
4. Be sure the header is completely down against the cutterbar when adjusting tine clearance.
5. Tines should pick up the crop, sweep the cutterbar and deposit the crop under the auger. Tine clearance of the auger will vary with conditions.
6. Reel center height should be the same on both ends.
7. Reel should be straight so tines will clear sickle as it revolves.

## SPEED OF THE REEL:

1. Reel speed should be slightly faster than ground speed.
2. Proper Reel speeds may be obtained by purchasing a larger sheave or sprocket to slow the Reel down or a smaller sheave or sprocket to increase speed. Some machines are equipped with variable reel speed drives.

## LUBRICATION:

1. Use good grade pressure gun grease on all zerk fittings **DAILY**.

## FIELD OPERATION & TROUBLE FINDING CHART

Most troubles are caused by improper installation or adjustment. The following suggested remedies are shown to familiarize you with the adjustments that may be made for the most common difficulties encountered in the field.

A sincere effort should be made to understand your Combine and Love-Pick-up Reel. Carefully observe the effect of all adjustments. Soon you will have a thorough understanding of both pieces of equipment and no trouble in deciding what to adjust or what adjustment will solve the problem.

TROUBLE	SUGGESTED REMEDY
Reel not picking up the crop.	Reel Tine pitch is not steep enough to lift the crop. Increase the pitch of the tines.
Stripping and Shattering the crop.	Increase the speed of the Reel in relation to the ground speed. Reel is too high. Lower the Reel slightly.
Excessive breakage of Reel Tines and bats.	Decrease the Reel speed in relation to the ground speed. Either change Reel drive sprockets or increase ground speed.
Crop wrapping or carrying around the Reel.	Reel too far forward of cutterbar. Move in toward the machine.
	Reel Tines may be striking or digging into the ground. Raise the Reel.
	Reel too far forward of the cutterbar. Move toward the machine.
	Reel speed in ratio to ground speed is too great. Decrease Reel speed or increase ground speed.
	Reel Tine pitch is too steep. Decrease the Tine pitch by adjusting the Tine pitch control plate. The Reel should deposit the cut crop forward and below the auger. In standing crop the Reel is too far down thus bending stalks over tops of batshafts. Raise the Reel slightly.