



PROAG
Morris



HD4SR & 12SR BALE STACKER

Module 2: 4SR Operation & Maintenance Tips

TIPPING OR ROLLING BALES

1. If the bales do not have enough stair-step, the bales might roll when traveling down the bed. If you have to fix the amount of stair-step after picking two bales into the loader, just raise the loader a few inches (4"-15" (10-38 cm)), then open the alignment arms so the second bale can slide down in front of the first. Raise the loader again and the alignment arms will re-squeeze the bale.
2. Tipping can also occur when loading on an incline. It is best to load bales on a flat surface or a slight decline.
3. Ensure bed is free of debris and or rust to help prevent tipping.

PREVENTATIVE MAINTENANCE

1. If possible store inside out of the elements to help prevent rust or weathering.
2. Before storing use paint or “slip-coat” to help prevent rust.

HYDRAULIC PREVENTATIVE MAINTENANCE

1. Maintain tractor hydraulic system and fluid according to manufacturers specifications. Always use a good quality hydraulic fluid.
2. Check the fluid level in the tractor with the bed and loader cylinders retracted.
3. Check for chaffing or kinking of the hydraulic hoses, these are a source of leaks in hoses.
4. Check hoses and cylinders for leaks and repair as necessary. Remember that hydraulic fluid escaping under pressure can penetrate human skin. Use a piece of cardboard or wood to look for a suspected high pressure leak.
5. Replace all hoses or hydraulic components that show any sign of wear, cracks, leaking, etc.

TIPPING OR ROLLING BALES

1. Be sure the bed is resting on its rest and loader is resting on the hitch or in its lowest position.
2. Park the tractor and Bale Scoop on level ground, place the transmission in park, set the parking brake, turnoff the tractor, and remove the key. When the tractor is off, move each of the hydraulic levers forward and back approximately four times.
3. Uncouple the hoses from the tractor. Slowly unscrew the male hydraulic tips on the ends of the stacker hydraulic hoses, turning them 1/8th of a turn at a time watching for oil to start leaking out.
4. Use a bucket to catch leaking hydraulic fluid.
5. Crack the hydraulic lines to the loader cylinders as they can have oil under pressure caught by the load check valve.

ADJUSTING ALIGNMENT ARM TENSION

1. Jack up the ends of the alignment arms and block them in place. This should create the most slack in the chain.
2. Release the safety latch and unhook the grab hook. Determine the link that would eliminate the most slack in the chain.
3. Remove the double clevis pin in the end of the chain, hook the grab hook on the desired link, and re-lock the safety latch.
4. Re-install the pin on the double clevis on the end of the chain through the pad eye on the alignment arm.

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We hear you.