

Common Baler Problems and Their Remedies

Using a quality twine like **PolyExcel** will maximize your productivity in the field. Although made to exacting specifications, **PolyExcel** can't guarantee perfect baler performance. Fortunately, most common problems are quite easy to solve. This guide will help save you time and money should any problems arise.



Knot did not Strip off the Bill Hook

POSSIBLE CAUSE

1. Excessive bill hook tension.
2. Rough, worn or bent bill hook.
3. Wiper arm is not rubbing bill hook.
4. Wiper arm is not traveling far enough.
5. Bale density too low.
6. Baler R.P.M. too low.

REMEDY

1. Decrease bill hook tension.
2. Smooth or replace bill hook.
3. Adjust to manual.
4. Adjust to manual.
5. Tighten bale case tension.
6. Tighten bale case tension.



Simple Knot in the Twine End Over the Bale. No Knot in Needle Twine

POSSIBLE CAUSE

1. Improper tucker finger action. Tucker finger did not pick up needle twine.
2. Needle did not place twine into twine disc.
3. Hay dogs did not function properly.

REMEDY

1. Adjust tucker finger. (Check baler manual)
2. Adjust needle. (Check baler manual)
3. Check to see if hay dogs are stuck or have broken a spring.



A Simple Knot in the Twine End

POSSIBLE CAUSE

1. Twine pulled out of the twine disc.

REMEDY

1. Tighten twine disc. Decrease twine box tension. Check for objects that might obstruct the twine.



Twine Breakage at Knot

POSSIBLE CAUSE

1. Sharp edges around knotter.

REMEDY

1. Trace the cut to the shearing point on the baler. Smooth all rough edges in the twine path.



Twine in the Knot is Ragged

POSSIBLE CAUSE

1. Twine disc tension is too great, not allowing the bill hook to borrow twine during knotting cycle.

REMEDY

1. Loosen twine disc.



No Knot in Either End of the Twine

POSSIBLE CAUSE

1. Twine sheared out of twine disc.
2. Bill hook did not revolve.
3. Bill hook tongue did not open.

REMEDY

1. Decrease tension on the twine disc.
2. Check for sharp edges on the disc holder.
3. Check for lost or sheared pin in the bill hook pinion gear. Check for lost bill hook roller. Check for loose bill hook trigger.



Double Bow Knot

POSSIBLE CAUSE

1. Bill hook tension too light.

REMEDY

1. Tighten bill hook.



Twine Ends Frayed or Uneven

POSSIBLE CAUSE

1. Dull Knife.

REMEDY

1. Sharpen Knife.

No Knot in Bow

POSSIBLE CAUSE

1. Bill hook tension too great.

REMEDY

1. Decrease bill hook tension.