



Traction Pedal Sticks or Binds

Product: Reel Master 5010 Series

December 14, 2007

Affected Units:

Reelmaster 5210
Reelmaster 5410
Reelmaster 5510
Reelmaster 5610

Models:

03660
03670
03680
03690

Serial Numbers:

260000101 - 270001001
260000101 – 270001081
260000101 – 270001146
260000101 - 270001109

SITUATION:

The traction system may bind causing extended stopping distance.

This condition has been traced to Ball Joint (2411-41) which can bind or seize.

It is very easy to misidentify the cable as the cause of the binding and in some cases hydrostats have been changed in error.

Use the following troubleshooting tips to verify if Ball Joint (2411-41) is at fault or which component is creating the complaint.

INSTRUCTIONS:

Replace any Ball Joints that do not rotate and swivel freely.

Troubleshooting Tips:

- 1) Test-drive the unit on flat ground away from any obstacles and at transport speed; take your foot off the traction pedal.
 - a. If the unit stops normally, there is no problem. You may want to compare to a different unit that operates as expected.
 - b. If the unit takes too long to stop, go to step 2.
- 2) Loosen the hardware retaining both Ball Joints until the bolts rotate easily. (Do not remove at this time) Retest (see step 1).
 - a. If the unit stops normally, replace any Ball Joint that does not rotate freely.
 - b. If the unit still takes too long to stop, go to step 3.
- 3) Verify the cables are free by pushing and pulling the core.
 - a. If cable moves freely, go to step 4.
 - b. If cable binds or sticks, replace the cable.
- 4) Remove the dampener and retest.
 - a. If unit stops normally, replace dampener.
 - b. If unit still takes too long to stop, repair hydrostat.