

750 SMART CART PRE-DELIVERY INSPECTION

DATE _____

DEALERSHIP _____

SERIAL # _____



Configuration

| | |
|-----------|--------------------------|
| PTO | <input type="checkbox"/> |
| HYDRAULIC | <input type="checkbox"/> |
| BOTH | <input type="checkbox"/> |

PTO drive size (If equipped)

| | |
|--------|--------------------------|
| 1-3/8" | <input type="checkbox"/> |
| 1-3/4" | <input type="checkbox"/> |
| N/A | <input type="checkbox"/> |

Tires

| | |
|----------------|--------------------------|
| 800/65 R32 | <input type="checkbox"/> |
| 24.5x32 12 Ply | <input type="checkbox"/> |

Tarp

| | |
|-----|--------------------------|
| Yes | <input type="checkbox"/> |
| No | <input type="checkbox"/> |

Load Cell Monitor

| | |
|-----|--------------------------|
| Yes | <input type="checkbox"/> |
| No | <input type="checkbox"/> |

Load Cell Printer

| | |
|-----|--------------------------|
| Yes | <input type="checkbox"/> |
| No | <input type="checkbox"/> |

Loadcell Monitor Serial # (If equipped) _____

- Tools Required:**
- | | |
|---------------------|--------------------|
| Tire Pressure Gauge | 1/2" torque wrench |
| 3/4" Torque Wrench | 15/16" socket |
| 1-1/8" socket | 1-1/8" wrench |

SECTION 1 - Running Gear

Running Gear

Check Off

| | |
|--|--|
| Tire tread on top of tire points to the rear (see fig x) | |
| Tire pressures are 40 psi +/- 3 psi | |
| Wheel bolts are torqued to 450 ft-lbs +/- 20 ft-lbs (1-1/8" socket) | |
| Safety chain installed (40,500 #) | |
| Ensure bolt used to attach rear spindles to axles are Grade 8 and are torqued to 200 ft-lbs +/- 20 | |

SAFETY

Check Off

| | |
|--|--|
| Ladder is in place and tight | |
| Safety floor is installed and does not interfere with normal operation (see Fig Y) | |
| All Lights work properly and are mounted securely (see Fig Z) | |



Figure X



Figure Y



Suggested Completion Time = 12 min.

Signature: _____

Actual Time _____

SECTION 2 - Auger

Auger

Checked By

| | |
|---|--|
| Choke feature opens and closes properly | |
| Vertical and Turret auger turn easily by hand (turn driveshaft) | |
| Auger rotates to unload and transport positions properly | |
| No excessive vibration in auger when turret is extended (1000 rpm) | |
| 5/8" bolts used to mount gear box are torqued to 150 ft-lbs (+/- 20) (see fig X) | |
| Fluid in gearbox is full (oil trickles out when plug removed) (use 80w90 if required) | |
| Check bearing lock collars to ensure they have been tightened | |
| Transfer joint (between vertical and turret auger) can be completely greased in one position. See Fig X for example. | |

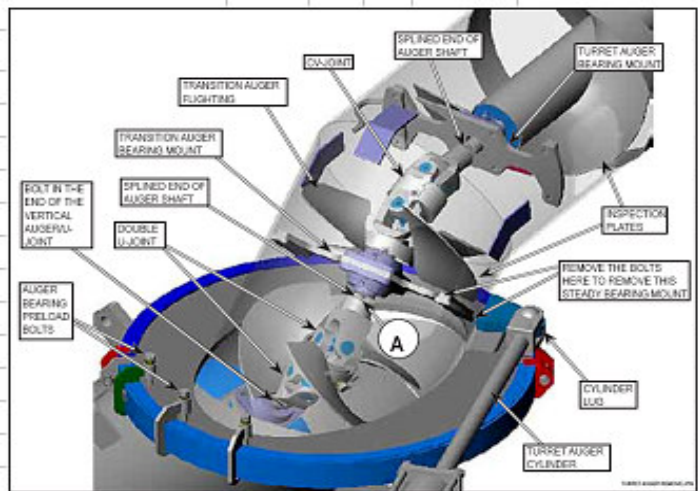
WIRING/HYDRAULICS

Checked By

| | |
|--|--|
| All terminals neatly wired and hooked up | |
| All Safety lights work | |
| No kinks in the case drain line (Leading only) | |
| Rate control harness runs down left side of machine and tied up (Diaphragm only) | |
| Clutch control harness runs down left side of machine and tied up (Piston only) | |
| Calibration tag attached to flow meter (Diaphragm only) | |



Figure X



Suggested Completion Time = 18 min.

Signature: _____

Actual Time _____

Section 3- Clutch Run-in

1. Make sure the tractor is off and the PTO/ hydraulic motor is disengaged.
2. Disconnect the driveline from the tractor.
3. Loosen the bolts (shown in *Figure 8.14*) on the outside diameter of the clutch until all bolts are just loose, then tighten all bolts one half (1/2) turn.
4. Attach the implement to the tractor and the driveline to the tractor PTO (if installed).
5. Turn the tractor on. With the tractor idling, smoothly engage the PTO or the hydraulic drive motor and run for a few seconds, or until the slip clutch visibly smokes, then disengage the grain cart driveline.

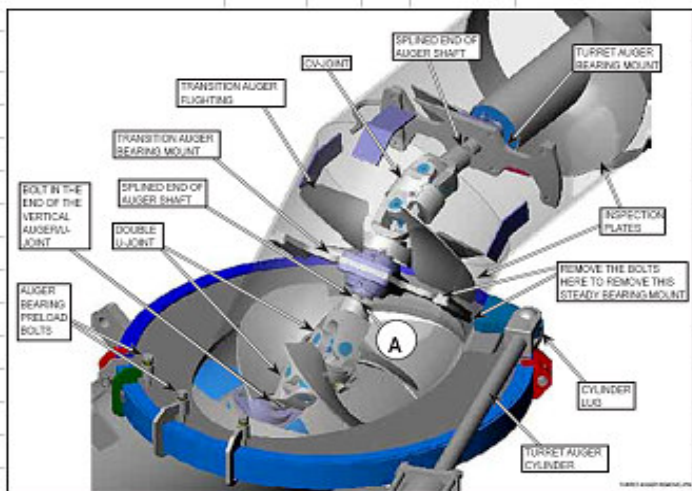


Figure 8.14

Suggested Completion Time = 20 min.

Signature: _____

Actual Time _____

SECTION 4 - General

Unibody

Checked By

| | |
|---|--|
| Ensure cleanout door opens and closes correctly, sealing when closed. | |
| Ensure load cells (if equipped) are hooked up and function properly. | |
| Ensure tarp rolls and unrolls correctly (if equipped) | |
| Ensure tarp crank secures on both sides of grain cart (if equipped). | |
| Ensure Turret and Choke Indicators function properly | |



Figure X



Tarp In 'Open' Position

Tarp in 'Closed' Position

Figure Y

Suggested Completion Time = 10 min.

Signature: _____

Actual Time _____

SECTION 5 - Final Inspection

Final Inspection

| Final Inspection | Checked By |
|--|-------------------|
| Wash unit, removing all road debris (road salt & tar) | |
| Check for aesthetic defects and shipping damage. Replace damaged parts and touch up paint as required. | |
| All wiring connections hooked up correctly: | |
| Safety chain (40,500lb) is attached | |
| Hitch pin is placed in holder on hitch | |
| Grease machine as per operator's manual. | |
| Red and amber lights turn off and on | |
| Ensure unit is complete as per customer order | |
| Go over Grain Cart operations and operators manual with customer. | |

Suggested Completion Time = 20 min.

Signature: _____

Actual Time