Early Riser® 1250 (24 Row 30)

Front Fold Trailing Planter

OPERATOR'S MANUAL

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CASE IH AGRICULTURE

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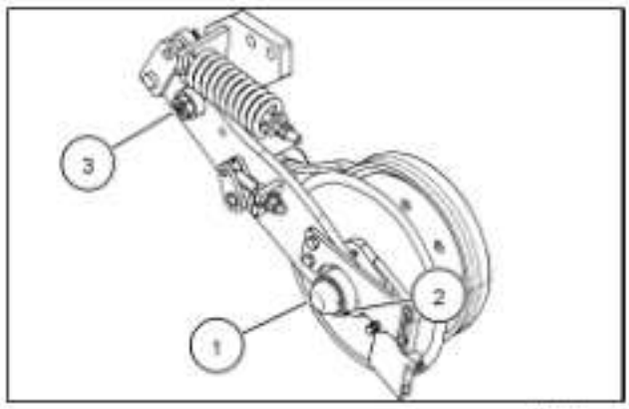
Every 10 hours or daily

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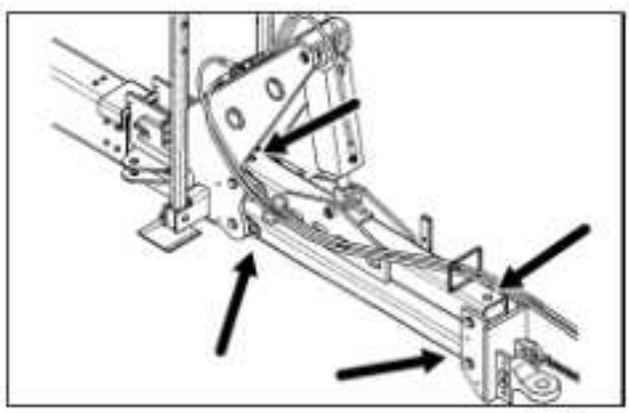
Single disk fertilizer coulters lubrication (if equipped)

1. Remove bearing cap **(1)**.
2. Apply **CASE IH AKCELA MULTI-PURPOSE GREASE 251H EP** to the grease fitting **(2)** until grease comes out around the nut. Replace bearing cap.
3. Apply **CASE IH AKCELA MULTI-PURPOSE GREASE 251H EP** to the top grease fitting **(3)** of the coulter.
4. Repeat for all coulters.



Drawbar hitch lubrication (if equipped)

1. Apply **CASE IH AKCELA MULTI-PURPOSE GREASE 251H EP** to the four grease fittings on the hitch. Two grease fittings are accessed through holes on the top of each end of the top hitch tube and two grease fittings are accessed through holes on each end of the bottom hitch tube.



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24 Row Front Fold old electronics harness diagrams

Seven possible harnesses are used for power and control functions on the 24 row planter, old electronics.

Power harness

The Power harness distributes power from the tractor to the planter and links the Operator's Display with the planter control system through the databus.

Frame control harness

The Frame Control harness links the lift and fold valve and the marker valve with the planter control system. The control signals for raising and lowering the planter, folding the planter to or from transport position and unfolding and folding the markers are passed through this harness. Planter lighting - warning lamps and tail lights - and the ground speed sensors are also linked to the system with the harness.

Toolbar harness

The Toolbar harness links the planting controllers with the seed section drive motors, the vacuum fans, the seed sensors on the individual row units and row unit hopper level sensors. The toolbar position sensor also interacts with the controllers through this harness.

Main harness

The Main harness, located within the Electronic Compartment, links the main electronic and electrical components of the planter control system - controllers, lighting module, fuses, relays, databus - with the other harnesses and the Display. The calibration tether is also connected to this harness.

Bulk hopper

The Bulk Hopper harness (if equipped) links the fan valve, motorized fan, fan speed sensor and bulk hopper level sensors with the planter control system.

Liquid fertilizer harness

The Liquid Fertilizer harness (if equipped) links the fertilizer valve, motorized pump, section valves and flowmeter with the planter control system.

7-Pin extension harness

The 7-Pin Extension harness (if equipped) extends power from the tractor to the rear hitch on the planter for any trailed cart.

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- Hopper Lid: Closed handling or non-closed handling (as equipped)

Planter Weight:

- With On-Row Seed Hoppers (Empty): **11,662 kg** (**25,710 lb**)
- With On-Row Seed Hoppers (Full): **12,760 kg** (**28,130 lb**)
- With Bulk Hopper System (Empty): **14,515 kg** (**32,000 lb**)
- With Bulk Hopper System (Full): **16,620 kg** (**36,640 lb**)
- Marker Attachment: **363 kg** (**800 lb**)

NOTE: *The above planter weights include markers, granular chemical hoppers and row mounted residue managers. See **3-5** for detailed weight table.*

Planter Drive: Mechanical drive (Hydraulic drive optional)

Bulk Hopper Seed Delivery: Remote valve hydraulically driven air system

Bulk Hopper Capacity: (2) **2.1 m³** (**60 Bu**)

Markers, Flat Fold: Disk type, three section hydraulic folding marker with **40.6 cm** (**16 in**) precision bearing disk, breakaway bolt protection and adjustable disk angle; manually or automatically selected, raises and lowers hydraulically, controlled by remote valves and Display.

Marker Wheels: 20.5x8-10 8 Ply tires

- Tire Inflation Pressure: **483 kPa** (**70 psi**)
- Wheel Lug Bolt Torque: **108 - 122 N·m** (**80 - 90 lb ft**)

Safety Equipment:

- SMV (Slow Moving Vehicle) Emblem
- Safety Reflectors
- Safety Warning Lamps

Monitor

- AFS Pro 600/700: Optional. Controls raise/lower, fold/unfold and marker functions (with remote valves), controls and monitors planting performance, and if GPS equipped, features prescription planting and fertilizing with as applied mapping. Refer to display and software operator's manuals for additional information.

Parking Stand: Variable position hitch stands

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