

Check over your planter **BEFORE** it's time to plant

For optimum performance and maintaining the accuracy vital to higher yields and profits, annual planter inspections and maintenance are important. To assist you with inspecting your planter and identify what components need to be adjusted or replaced, refer to the checklist below.

Refer to applicable Operator & Parts Manual for planter specific maintenance and parts information.

HITCH & TONGUE

- Clevis wear
- Hitch level during operation
- Safety Chain correctly routed and attached
- Tongue Wear Pads wear/adjustment
- Hardware tight

Parts Needed: _____

FRAME & TRANSPORT SYSTEMS

Frame

- Welds/Structural Members cracks and failure
- Hardware tight
- Hydraulic System leaks and damage
- Wing and Transport Tires pressure
- Wing Hinge and Pivot wear and damage

Row Markers

- Disc Blades wear
- Bearings wear/failure
- Stand adjustment and pad wear
- Mounting Hardware tight
- Operating Speed verify and adjust
- Chain tightness

Transport System

- Safety Latch inspect operation/adjust
- Wheel Bearings wear/failure
- Mud Scrapers adjust
- Lug Nuts/Bolts and Spindle Bolts torque
- Center Post Wear Pads hardware/adjustment
- Cam Follower adjustment
- Toolbar Height 20 to 22
- Lubrication refer to manual

Parts Needed: _____

SAFETY

- Warning Lights operate correctly
- SMV Sign visible and reflective
- Safety Warning Signs condition/clean
- Reflectors/Reflective Decals condition/clean

Parts Needed: _____

DRIVES

- Wheel Modules wear/lubrication
- Contact Drive Chains wear/lubrication
- Sprockets wear/alignment
- Idlers tension/alignment
- Transmissions/shafts/chains wear/lubrication
- Shear Pins replenish
- Point Row Clutches operation
- Contact Drive Tires pressure

Parts Needed: _____

ELECTRICAL & SEED MONITOR

Wiring Harnesses

- Routing secure as needed
- Cables and Connections damage/corrosion
- Control Console Functions verify operation

Sensors (Electronic Seed Monitor)

- Magnetic/Radar Distance Sensors operation/damage
- Seed Tube Sensors operation/damage
- Shaft Rotation Sensors operation/damage

Parts Needed: _____

FERTILIZER EQUIPMENT

Squeeze Pump

- Metering Hoses fatigue
- Bushings and Rollers condition
- Roller Plate and Springs condition
- Drive Chain alignment/lubrication

Piston Pump

- Case/Hose Connections condition
- Oil Level check/replenish
- Drive Chain and Tires condition/lubrication

Hoppers, Tanks, and Delivery Hoses

- Hoppers condition/lubrication
- Tanks and Valves condition
- Hoses condition/attachment
- Drive Chain alignment/lubrication

Openers

- Bearings wear/failure
- Disc Blade wear
- Scrapers and Knives condition/adjust
- Drop Tube condition/adjust

Parts Needed: _____

ROW UNITS

General

- Mounting Plate and U-bolts tight
- Parallel Arms/Bushings/Hardware wear/damage
- Down Pressure Springs missing/damage
- Row Unit Shank condition

Double Disc Openers

- Disc Blade replace if 14½" or less
- Blade Contact shim adjustment
- Bearings wear/failure

Parts Needed: _____

Gauge Wheels

- Tires wear/damage
- Wheel Arms wear/damage
- Wheel-to-Blade Contact shim adjustment
- Bearings wear/failure
- Depth Adjustment inspect/adjust
- Lubrication refer to manual

No-Till Coulters/Attachments

- Depth align/adjust
- Disc Blade replace if 14½" or less
- Bearings wear/failure
- Residue Wheels and Bearings condition

Seed Hopper

- Hopper and Lid wear/damage
- Seed Hopper Latch adjust
- Clutch meter drive alignment/lubrication
- Chain Idler tension/alignment

Granular Chemical

- Hopper and Lid wear/damage
- Meter roller/gate/bushings
- Clutch alignment
- Chain tension/alignment/lubrication
- Tubes and Banders condition

Closing Wheels

- Tires and Wheels wear/damage
- Hardware tighten
- Bearings wear/failure
- Springs missing/damage
- Bushing and Eccentrics alignment

Parts Needed: _____

SEED METERS

Finger Pickup Meter

- Meter clean
- Belt, Brush and Carrier Plate wear
- Finger Assembly rust/wear/damage
- Rolling Torque should be 22–25 in/Lbs
- Seed Baffle wear/damage

Brush-Type Seed Meter & 2.0

- Meter clean
- Brushes frayed, damaged or missing bristles
- Seed Disc wear
- Wear Band groove/wear

EdgeVac

- Vacuum Hoses Remove from meters and operate fan at full hydraulic flow for two minutes to clear system of debris.
- Vacuum Cover and Disc wear/damage
- Brushes frayed, damaged or missing bristles
- Meter Housing and Disc clean
- Analog Vacuum Gauge Breather clean

Vacuum

- Singulator clean and/or replace
- Vacuum Seal wear/damage
- Seed Discs clean/wear
- Debris Ejector clean and/or replace

Parts Needed: _____

OTHER ATTACHMENTS

Parts Needed: _____

To find replacement parts, request service or if you need additional information, **contact your local Kinze dealer.**

