Rippa USA Sales Pre-Delivery Inspection Checklist
RippaUSASales.com

Exterior and Visual Inspection (Walk-Around)

- Perform a full counterclockwise walk-around to check for damage from shipping or assembly.
- Inspect cab/top structure: No cracks, dents, or broken glass; lights, mirrors, and wipers intact.
- Check body panels and paint: No scratches, rust, or defects.
- Examine boom, arm, and bucket: No dents, cracks, or welding issues; pins and bushings secure and greased.
- Inspect hydraulic lines and hoses: No leaks, abrasions, or loose connections.
- Check front blade (if equipped): Secure, no damage, and cylinders function smoothly.
- Verify decals and capacity plates: All safety labels, warnings, and load charts present and legible.
- Look underneath: No leaks, debris, or damage to frame.

Technician:

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Undercarriage

- Tracks: Even spacing, no missing pads, cracks, or excessive wear; proper tension (not too loose or tight; consult manual for specs).
- Rollers and idlers: No damage, leaks, or seized parts; clean of debris.
- Sprockets: No missing teeth, sharp edges, or wear; check for hydraulic leaks at final drives.
- Overall: Tracks align straight; no buckling or unusual wear patterns.
- Verify all bolts are torqued to spec.
- Lubricate and exercise track ext.

Technician:

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Engine Compartment

- Open hood and panels: Easy access (as per Rippa's serviceability design); no loose parts.
- Engine (B&S/Kubota/Yanmar): Check oil level via dipstick (add if low); inspect belts for tension and cracks.
  - 10w-30 Gas Engines
  - 15w-40 Diesel Engines
- Fuel system: Filters clean, no water/debris; fuel level adequate; caps secure.
- Cooling system: Radiator fins clean and undamaged; coolant level correct (use proper antifreeze); no leaks. Use 50% Antifreeze / 50% water
- Air filter: Clean, no debris; discharge clear.
- Battery: Connections tight, no corrosion; voltage at 12V+. Charge 12+ hours on charger.
- Exhaust: No damage or blockages.
- Verify all bolts are torqued to spec - including engine mounts.
- Check AC Pressure and AC temp if equipped.
- GPS tracker serial #?

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Technician:

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Hydraulic System

- Oil level: Check sight glass (machine level, arm positioned per manual); top up with ISO 46 hydraulic fluid.
- Filters: Clean or new; no clogs.
- Pumps and valves: No leaks or unusual noises during initial check.
- Cylinders: Seals intact, no leaks or scoring.
- Hoses and fittings: Secure, no abrasions or bulges.
- Pressure Test System: _____PSI
- Install springs on pilot controls

Technician:

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Electrical System

- Lights: Headlights, taillights, safety lights, work lights, and signals functional.
- Horn and backup alarm: Operational and loud enough.
- Gauges and displays: All work when key is on (fuel, temp, hours, warnings).
- Wiring: No exposed wires, frays, or loose connections.

- Battery and alternator: Charging system tests okay (use multimeter). _____ volts.

Technician:

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Cab/Operator Station

- Door: Latches securely, no damage.
- Seat: Adjustable, comfortable; seatbelt latches and retracts properly (no frays).
- Controls: Joysticks, pedals, and levers move freely; boots intact; Rippa's low-effort pilot controls responsive.
- Visibility: Clear glass, mirrors adjusted; good sightlines to bucket and tracks.
- Accessories: Fire extinguisher present; HVAC (if equipped) functional; radio and monitors work.
- Cleanliness: No debris, dirt, or trash inside.
- Verify all bolts are torqued to spec.
- Add grip tape to the floor plates.
- Add Rubber gasket to floor plate.

Technician:

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Fluids and Lubrication

- Engine oil: Level correct, fresh if needed.
- Hydraulic oil: Level correct, clean.
- Coolant: Level and concentration proper. Zerex Green – Asian Vehicles.
- Fuel: Tank filled to appropriate level with clean diesel.
- Grease points: All fittings greased (e.g., pins, bushings).
- Windshield washer fluid: Filled if equipped.

Technician:

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Functional Tests (Engine Running)

Perform these after cold start; simulate real use where possible. Ensure area is safe and clear.

- Cold start: Starts within 2-3 seconds with minimal smoke; no knocks or rattles.
- Idle and warm-up: Smooth, no unusual vibrations or noises.
- Hydraulic functions: Test boom lift, arm curl, bucket operation, swing; smooth without stalling, chatter, or hesitation.
- Travel performance: Forward/reverse in high/low; straight tracking, no pulling; smooth ride.
- Stability: Lift load to max height/reach; swing side-to-side; no tipping or lurching (test on slight slope if safe).
- Brakes and steering: Responsive; parking brake holds (If Applicable)
- Attachment quick-change (if equipped): Disconnect/reconnect in under 30 seconds; secure lock.
- Noise and vibration: Minimal in cab; no excessive levels.
- Exhaust: Clear, no black smoke.
- Instrument readings: All gauges normal (temp, pressure, etc.); no warning lights.

Technician:

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Attachments and Options

- Bucket: Teeth sharp, no wear holes; secure mounting.
- Other attachments (e.g., breaker, auger): If included, test compatibility and function; hydraulic circuits work (Rippa's four-way circuits for versatility).
- Quick coupler: Secure, no manual pins needed; one-person operation.
- Verify all bolts are torqued to spec.

Technician:

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Date:

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Inspected By, Print Name:

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Machine Model:

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Serial #
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