

BALE KING VR581 HAY RAKE

Delivery Set-up Instructions

Last Updated: February 2025

1. Install hitch

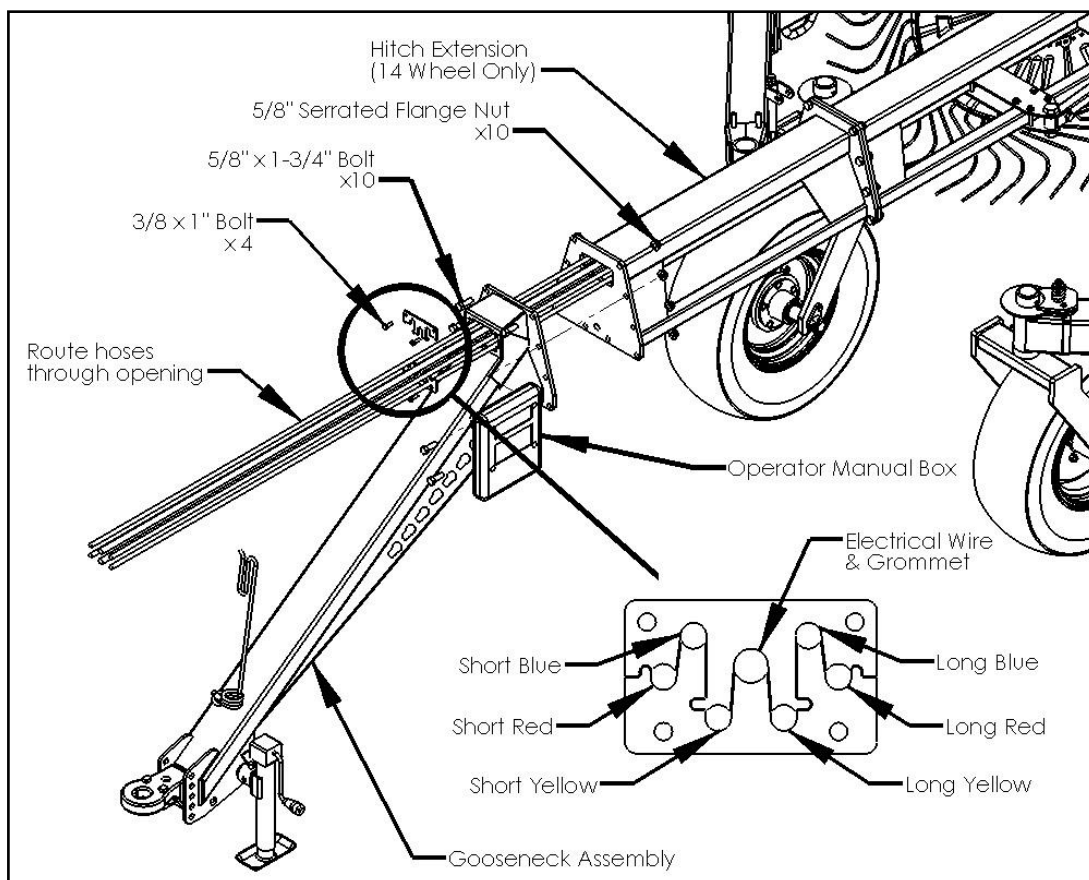
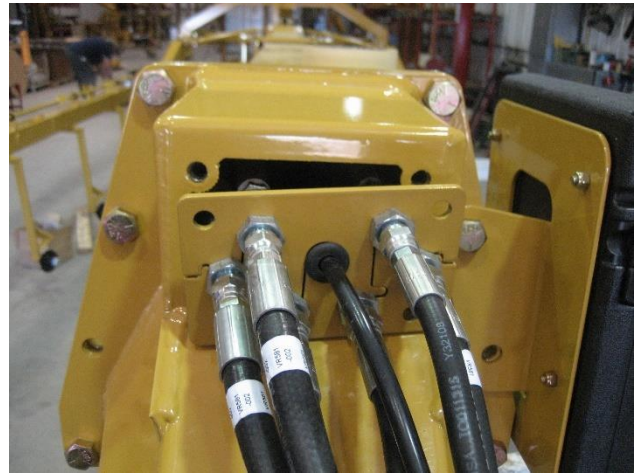
- Park rake on solid, level ground. Chock wheels as necessary
- Support hitch beam to take the weight off the front caster wheels
- Remove and discard shipping angle iron
- Install hitch extension if required (*14 WHEEL ONLY*)
- Install gooseneck hitch, operator manual box, and hoses as shown.

Hose bracket should be removed from gooseneck, then slid apart and reassembled over the bulkhead fittings of the hoses. **THE HOSES DO NOT NEED TO BE DISCONNECTED.**

Tighten the nut on the bulkhead fittings to lock the plates together.

Push hoses back into the hitch and reinstall the bolts.

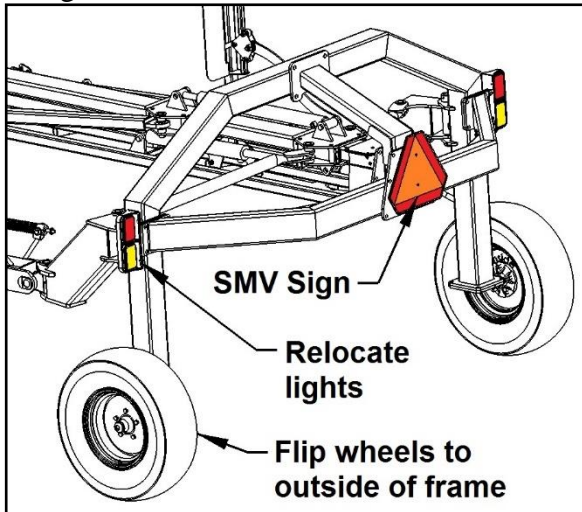
- Make sure all mounting bolts are tightened
- Set hitch down on jack



2. Adjust tires

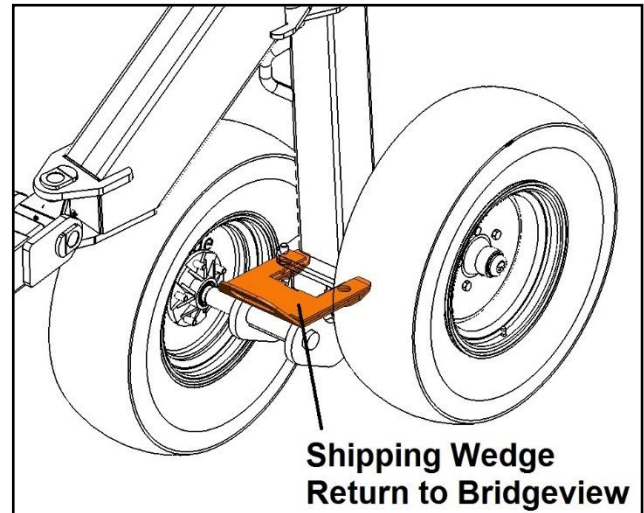
Single Axle

- Lift rear frame
- Remove the 4 vertical bolts from each wheel mount
- Flip wheels to outside of frame (as shown)
- Flip light mounts to the outside of frame (as shown)
- Tighten all bolts



Walking Axle

- Lift rear frame
- Remove shipping wedge (walking axle only). *A credit will be paid upon its return to Bridgeview.*



3. Unwrap SMV sign

4. Install 14 Wheel Extension Kit (as necessary)

- Install the boom extension and additional wheels
- Install the additional caster kit to the side of the boom arms

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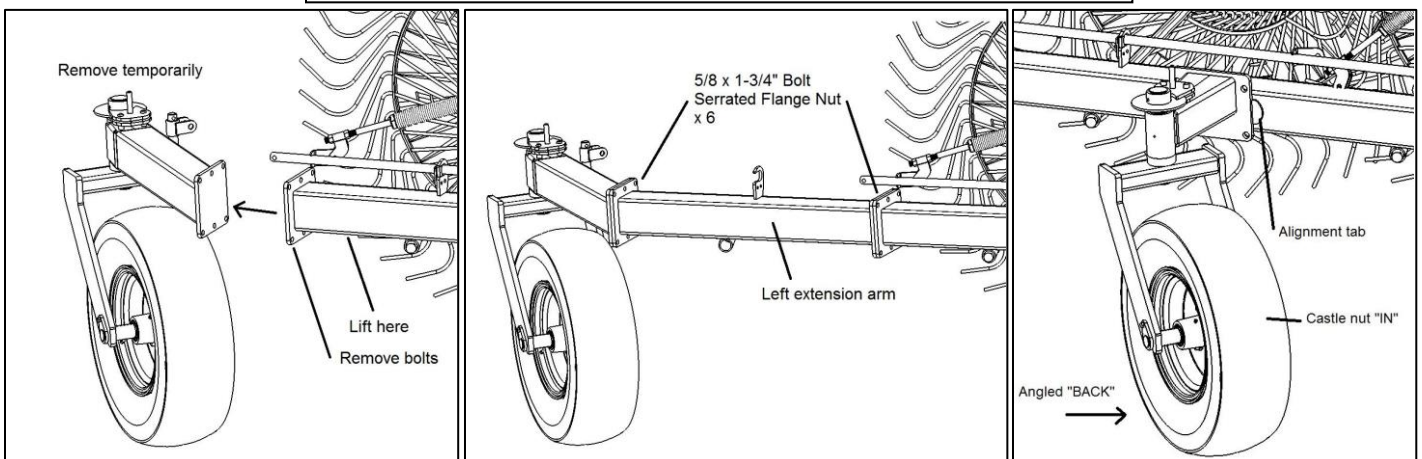
Caster Kit

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Hitch Extension Kit

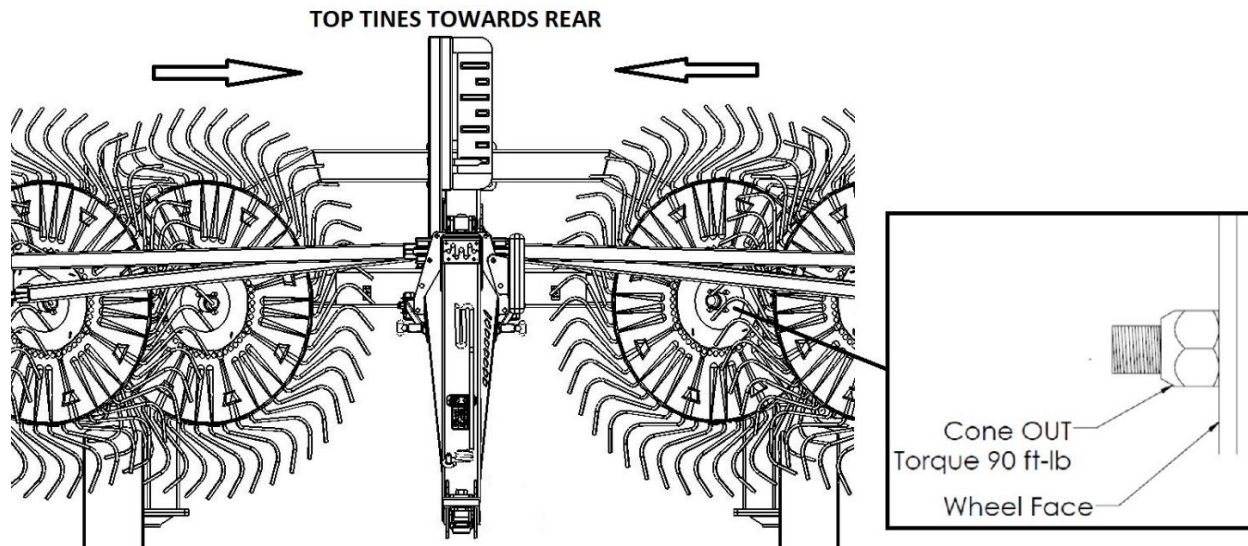
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14W Boom Extension Kit (Includes 2 wheels)



REFER TO THE INSTRUCTION MANUAL PROVIDED WITH THE EXTENSION KIT

5. Install any missing rake wheels

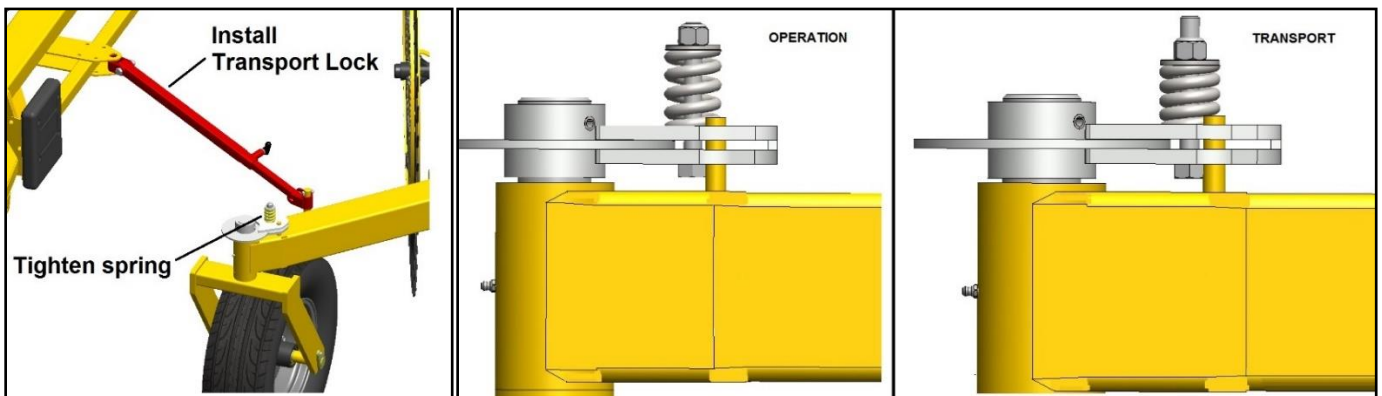


6. Inspect and Finalize

- Connect to hydraulics and open rake slightly (red hoses) to install the transport locks
- Check bolt torque for gooseneck, rear axles, and light brackets
- Check wheel torque and pressure:
- Drive straight forward slightly to align the caster wheels, then tighten the brake springs as shown. This will prevent the casters from wobbling while towing.

5/8" Gr. 5 Bolt - 150 ft-lb

Wheel Torque: 90 ft-lb
Tire Pressure: 35 psi



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