



## Air Release Fifth Wheel

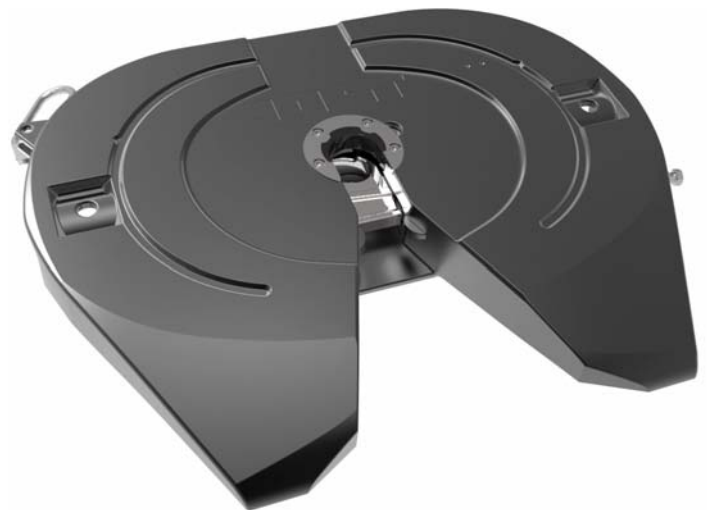
### Moving Forward

From large national fleets to owner operators the move is on to JOST and to automation. JOST cab actuated air release is a technology that drivers love for ease of operation and safety directors embrace as a tool to minimize the cost of insurance and claims.

### Capacities & Ratings

Maximum Vertical Rating  
50,000 lbs

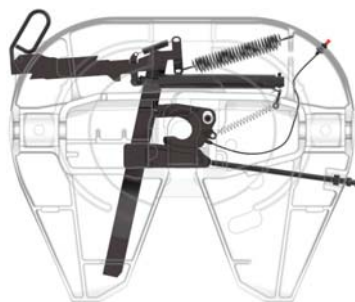
Maximum Horizontal Rating  
150,000 lbs



### Ready To Couple

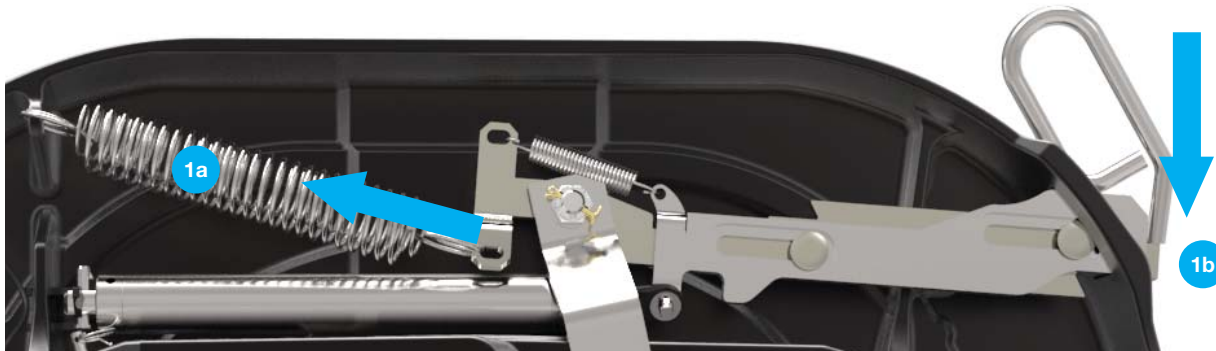


### Safely Locked



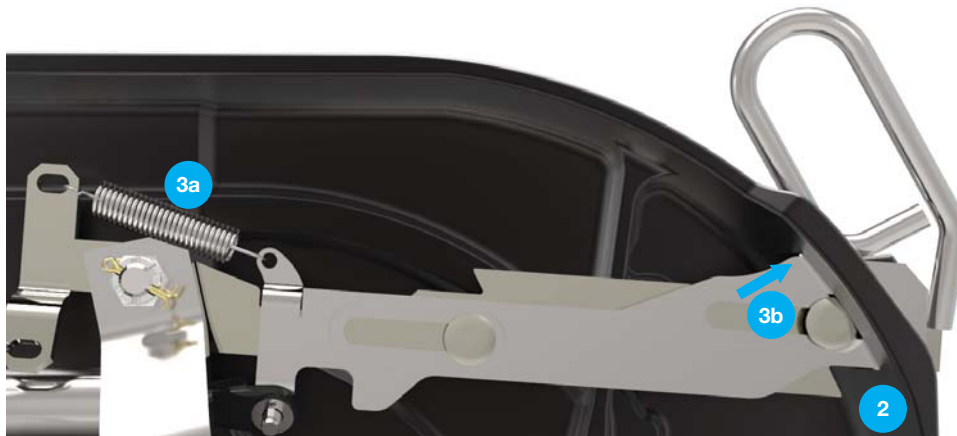
### Features

- Fifth wheel can be rebuilt in under an hour without taking it off the truck.
- Cushion ring in throat reduces wear on the kingpin and absorbs impact.
- An automatically engaging secondary lock to ensure security.
- A visual lock indicator to confirm proper locking.
- A simple design for reliable coupling.
- A full size release handle for easy manual release.
- Available with low lube pads.



## **Primary Lock**

When the fifth wheel is properly coupled the large double coil spring (1a) pulls the handle (1b) back and down into the casting.



## **Secondary Lock**

The secondary lock is the notch (2) on the handle behind the casting skirt.

## **Third Lock**

The smaller spring (3a) pulls the handle back so that it fills the slot in the casting (3b) securing the secondary lock.

## **Opening the Wheel**

The handle on the JOST air release operates independently from the release arm. This means the handle must be activated by the air release cylinder or pulled open with the handle loop to release the kingpin.

The air release system is protected by an interlock which requires that the vehicle is stopped and the trailer brakes set before air is provided to the cab controls.

Once these steps have been completed the air cylinder will push the handle, allowing it to disengage the secondary lock notch. This motion allows the handle to move up and out of the casting into the uncoupled position.