



# 35000

## OPERATING INSTRUCTIONS

INCLUDES AIR RELEASE



### ⚠️ WARNING

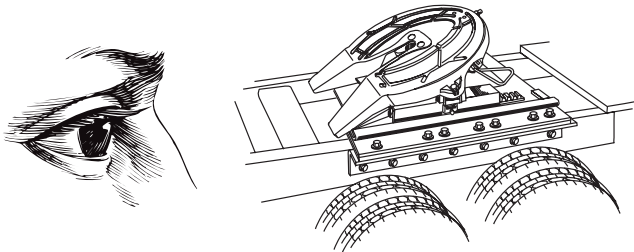
You must read and understand the following instructions before operating your fifth wheel.

Failure to follow all of the important operating procedures contained in these instructions may result in a hazardous condition or cause a hazardous condition to develop.

These instructions apply to the proper operation of your fifth wheel only. There are other important checks, inspections, and procedures not listed here that are necessary, prudent, and/or required by law.

## COUPLING PROCEDURES:

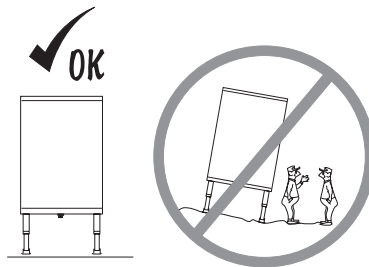
1. Inspect the fifth wheel mounting.



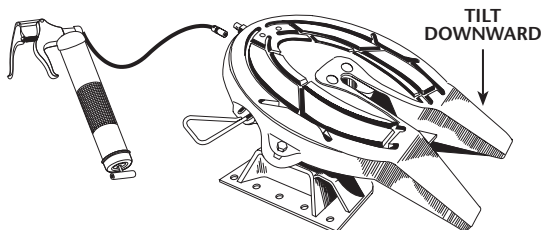
- Tighten loose fasteners
- Replace missing fasteners
- Repair/replace cracked components

If you have a sliding fifth wheel, make sure both plungers are fully engaged (see Page 4, Figure 4b).

2. Make sure coupling area is flat, level and clear of persons and obstacles.



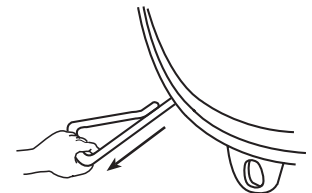
3. Lubricate the fifth wheel-to-trailer contact surface with grease. Tilt the ramps down.



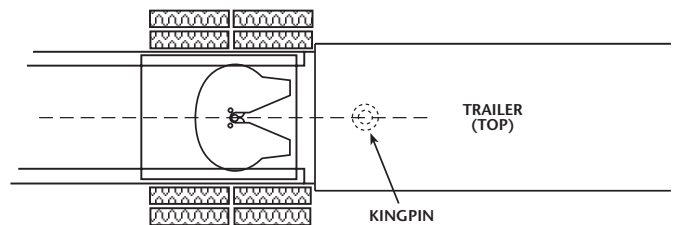
4. Make sure the locks are open. To open locks, pull release handle.

*If Air Release equipped, set tractor brakes and actuate the fifth wheel control valve to open the locks.*

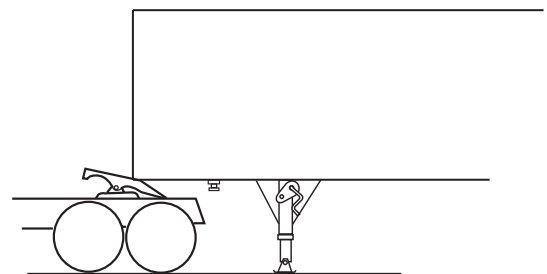
If locks are closed, pull release handle all the way out.



5. Center kingpin with fifth wheel.

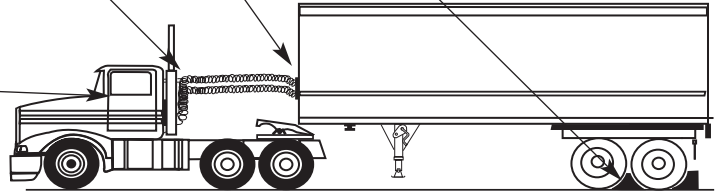


6. Back tractor close to trailer and **STOP**.

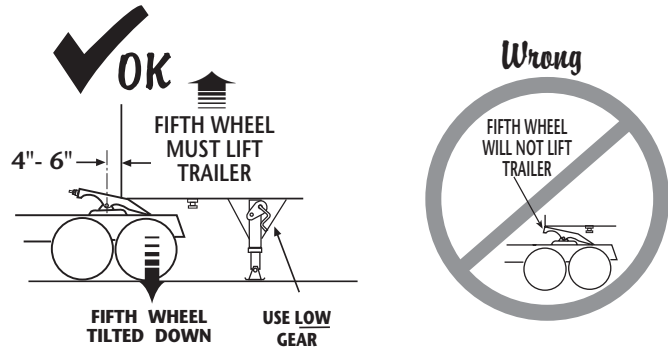


# COUPLING PROCEDURES (con't):

- 7. Chock trailer wheels.
- 8. Connect brake lines and light cord.
- 9. Support slack in lines to prevent interference.
- 10. Set trailer brakes.

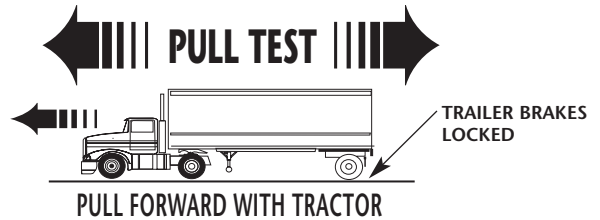


- 11. Adjust trailer height so fifth wheel will lift trailer. Trailer should contact fifth wheel 4" - 6" behind fifth wheel bracket pin.



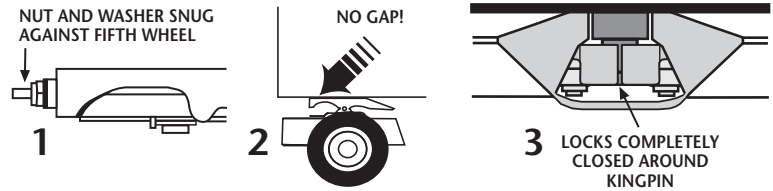
- 12. Slowly back into trailer.

- 13. Do a pull test.



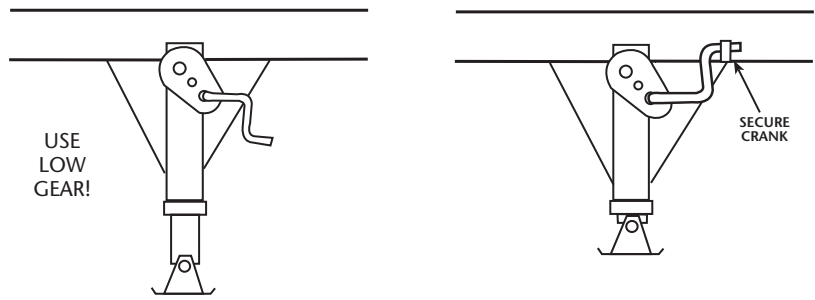
**WARNING** The coupling procedure is not complete without a visual inspection. You must get out of the tractor and verify that the fifth wheel is properly coupled to the kingpin as shown below.

- 14. Visual inspection.  
Get out of the tractor.  
Visually check that the lock is closed.



**WARNING** If you do not obtain a proper couple, repeat the coupling sequence. Do not use any fifth wheel that fails to operate properly.

- 15. Retract landing gear until pads come off the ground.
- 16. Switch to high gear, fully retract, and secure crank handle.



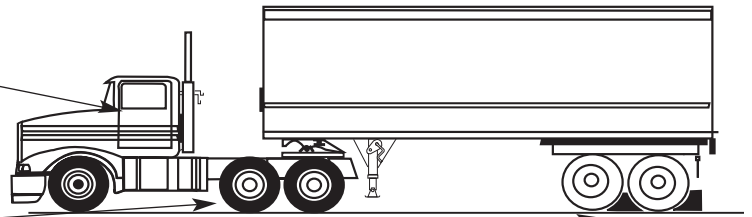
- 17. Re-check brake lines and light cord. Remove wheel chocks, continue with pre-trip inspection.

# UNCOUPLING PROCEDURES:

1. Position tractor and trailer on firm, level ground clear of obstacles and persons.

2. Set trailer brakes.

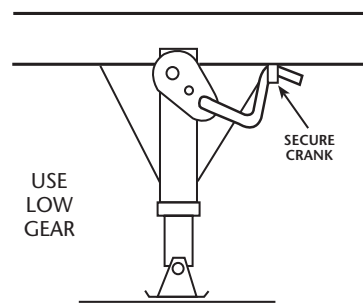
3. Slowly back tractor tightly against trailer.



4. Set tractor brakes.

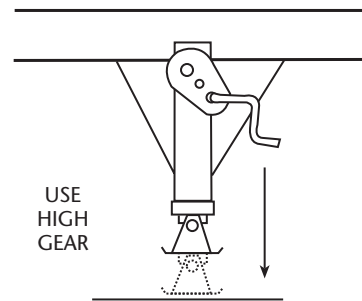
5. Chock trailer wheels.

6. Lower landing gear until pads just touch the ground.

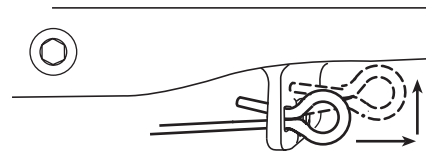


7. Switch to low gear and crank an additional 4-8 turns.

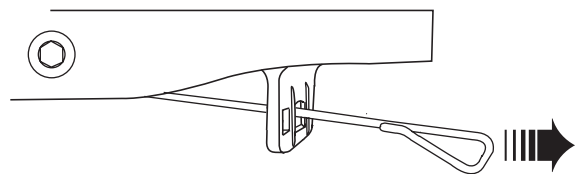
8. Disconnect brake lines and light cord.



9. If equipped, pull secondary lock handle and hook on casting.



10. Pull primary release handle.  
*If Air Release equipped, actuate the fifth wheel control valve to open the locks.*



11. Release tractor brakes and slowly drive away from trailer.

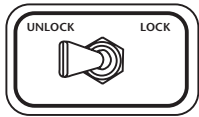
# FIFTH WHEEL SLIDE ADJUSTMENT:

1. Position tractor and trailer in a straight line on level ground.

**⚠️ WARNING** The trailer must be stopped and the trailer brakes locked to prevent damage to the tractor or trailer by uncontrolled sliding of the fifth wheel.

2. Lock the trailer brakes.

### AIR OPERATED



Move cab switch to unlock position.

### MANUAL SLIDE



Pull release lever, lift up and hook in place.

3. Release slide locking plungers.

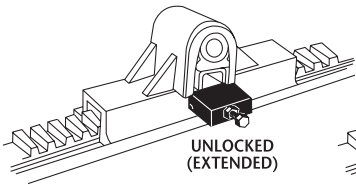


Figure 4a

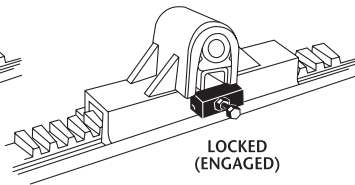


Figure 4b

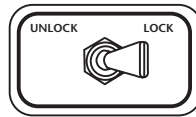
4. Visually check that both plungers are fully extended, as shown in Figure 4a.

**Note:** If the plungers do not release, raise the trailer to relieve pressure on the plungers. This will allow the fifth wheel to slide easier.

5. Slowly drive the tractor forward or backward to position the fifth wheel.

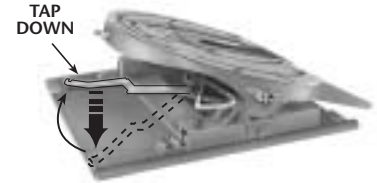
6. Re-engage the slide locking plungers. Verify that both plungers have fully engaged.  
Note: Retract landing gear if lowered.

### AIR OPERATED



Move cab switch to lock position.

### MANUAL SLIDE



Trip the release lever by tapping it downward as shown and allowing it to spring back.

**⚠️ WARNING** Do not operate the vehicle if the plungers are not fully engaged and landing gear fully retracted, as damage to the tractor, trailer and landing gear may occur.

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