



FLEETMASTER

OPERATING INSTRUCTIONS



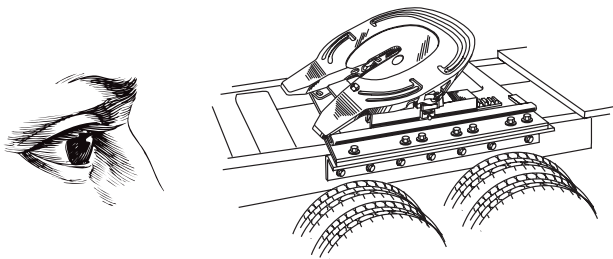
WARNING

You must read and understand the following instructions before operating your fifth wheel. Failure to follow all of the important maintenance 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.

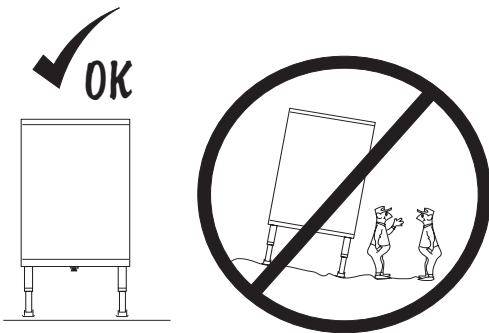
COUPLING PROCEDURES:

1. Inspect the fifth wheel mounting.
 - Tighten loose fasteners
 - Replace missing fasteners
 - Repair/replace cracked components

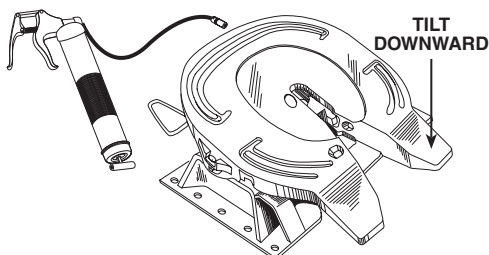


NOTE: If you have a sliding fifth wheel, make sure both plungers are fully engaged (locked). (See Page 4, Figure 4B)

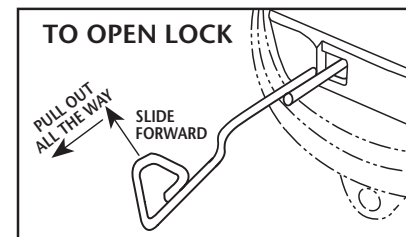
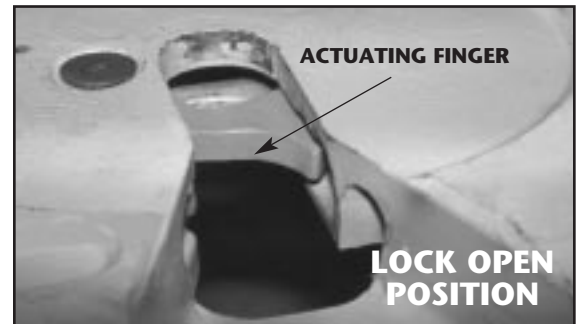
2. Make sure coupling area is flat, level and clear of persons and obstacles.



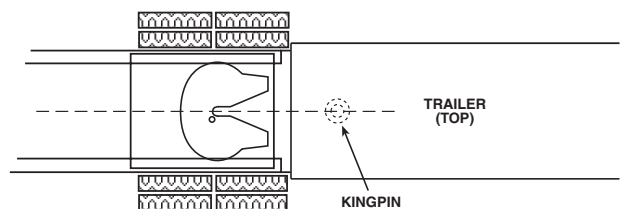
3. Lubricate the fifth wheel-to-trailer contact surface with grease. Tilt the ramps down.



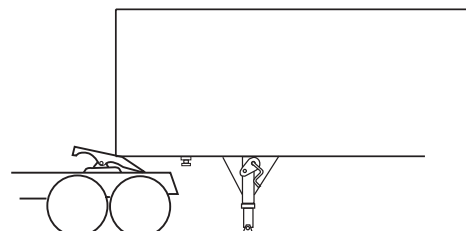
4. Make sure the locks are open. To open locks, slide the handle forward and pull it out to the maximum extension. The lock will swing to the open position.



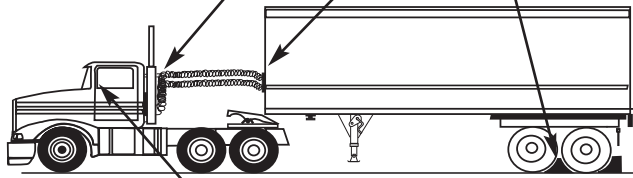
5. Center fifth wheel with kingpin.



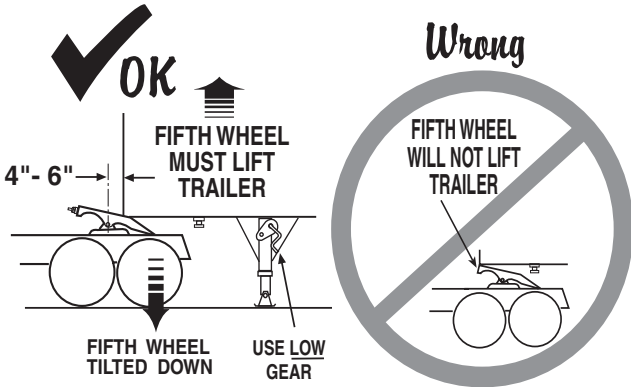
6. Back tractor close to trailer and **STOP**.



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

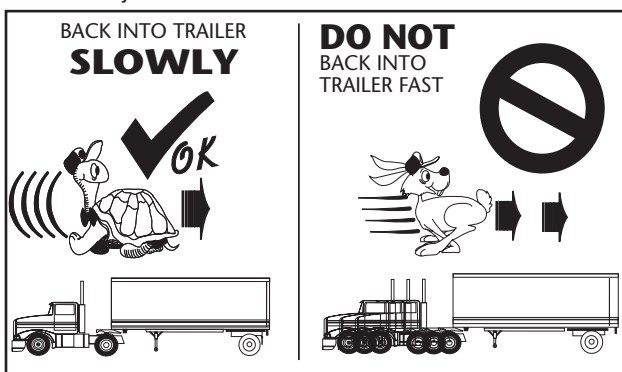


- 10. Set trailer brakes.
- 11. Adjust trailer height so fifth wheel will lift trailer. Trailer should contact fifth wheel 4"-6" behind fifth wheel bracket pin.

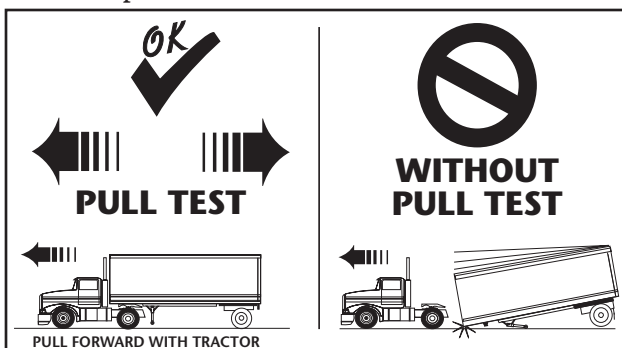


WARNING Attempting to couple with the trailer at an improper height could result in a false or improper coupling and cause damage to the tractor, fifth wheel, or trailer.

12. Slowly back into trailer.



13. Do a pull test as an INITIAL CHECK.



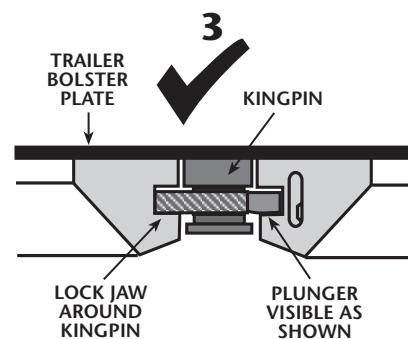
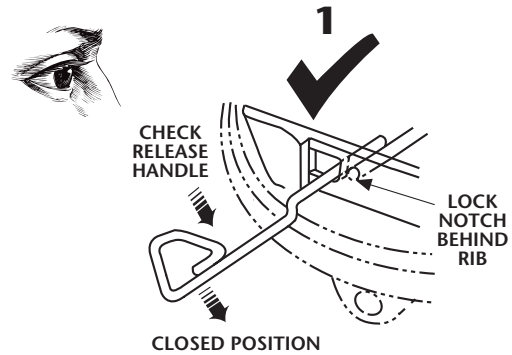
WARNING

A direct visual inspection is required to assure proper coupling. Improper coupling can pass the initial pull test. Sound is unreliable. DO NOT take for granted that you are properly coupled. Get out of the cab and look.

14. Visual Inspection.

GET OUT OF THE TRACTOR!

VISUALLY check that the lock is CLOSED!

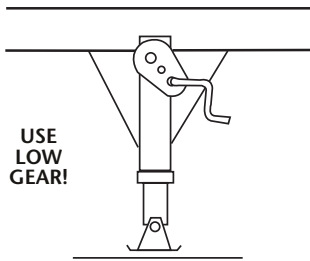


DO NOT RELY ON SOUND

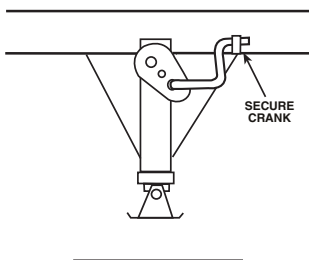
WARNING

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

- Retract landing gear until pads come off the ground.



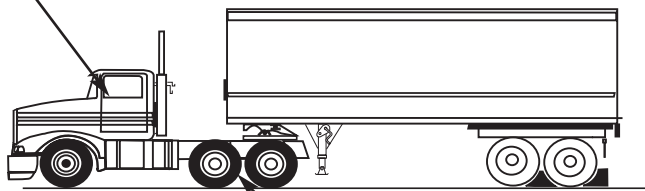
- Switch to high gear, fully retract and secure crank handle.



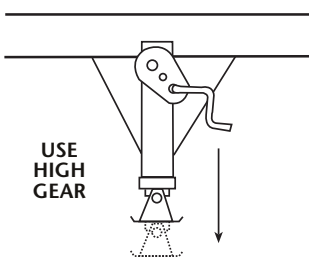
- Re-check brake lines and light cord. Remove wheel chocks, continue with pre-trip inspection.

UNCOUPLING PROCEDURES:

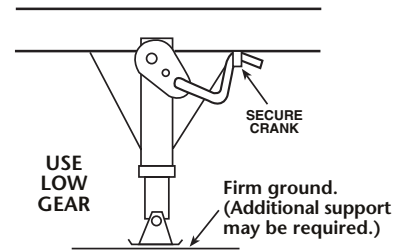
- Position tractor and trailer on firm, level ground clear of obstacles and persons.
- Set trailer brakes.
- Slowly back tractor tightly against trailer.



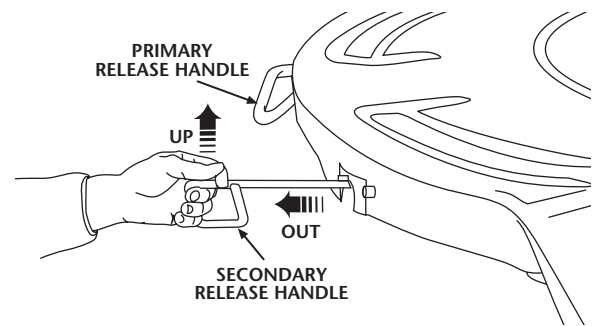
- Set tractor brakes.
- Chock trailer wheels.
- Lower landing gear until pads just touch the ground.



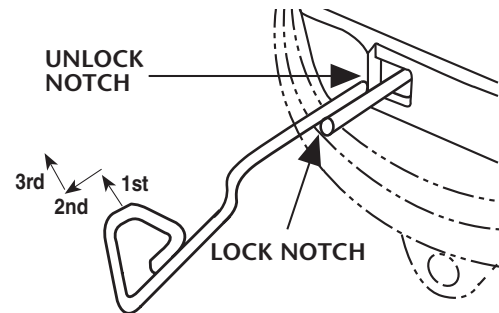
- Switch to **low gear** and crank an additional 4-8 turns. Do not raise trailer off the fifth wheel.



- Disconnect brake lines and light cord. Attach brake line to dummy coupling to keep line clean.
- If equipped, pull secondary lock handle and hook on casting (located on left/road side of fifth wheel).

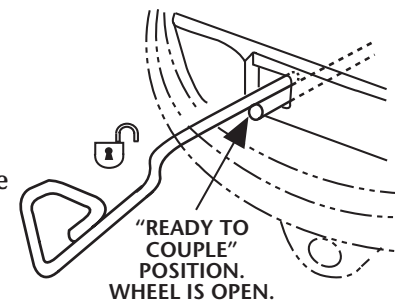


- Pull primary release handle.




- Release tractor brakes and slowly drive away from trailer. Let the trailer slide down the fifth wheel and pick-up ramps, being careful that the trailer landing gear touch the ground with minimal impact.

- NOTE:** It is normal after uncoupling for the release handle to come off the unlock notch and move to a "ready to couple" position.



FIFTH WHEEL SLIDE ADJUSTMENT:

1. Position tractor and trailer in a straight line on level ground.
2. Lock the trailer brakes.



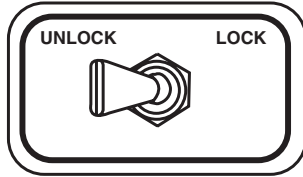
WARNING

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.

3. Release slide locking plungers.

AIR OPERATED

Move cab switch to unlock position.



MANUAL SLIDE

Pull release lever, lift up and hook in place.



4. Visually check that both plungers are fully extended (unlocked), as shown in *Figure 4A*.

Figure 4A

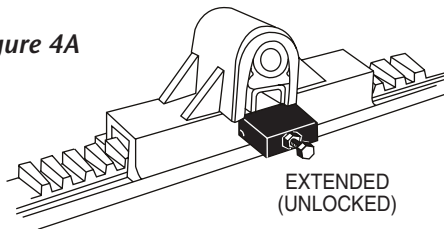
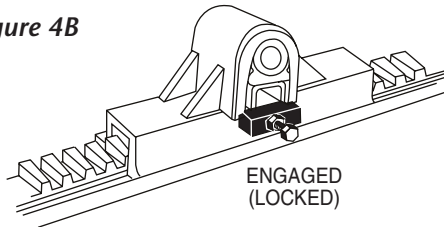


Figure 4B



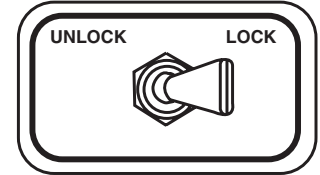
NOTE: If the plungers do not release, using low gear on the landing gear, raise the trailer to relieve pressure on the plungers. This will allow the fifth wheel to slide easier.

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 (locked).

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 (locked) and landing gear fully retracted, as damage to the tractor, trailer and landing gear may occur.

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