

# Lubrication Instructions

## Fontaine Fifth Wheel No-Slack®

6000, 7000, 7000CC, NT and H7

**1** Inspect top plate (degrease if necessary). Lubricate grease channels in the top plate using a lithium complex lubricant, suitable for use in high pressure applications, such as: Nanomech: Ultra Red Trucking Grease, Mobil: XHP 320 Mine, XHP 321 Mine or equivalent (all models except Clean Connect™)

**WARNING!** Do not use an aftermarket lube plate (high density polyethylene) or grease packets on top of the fifth wheel or kingpin bolster plate in lieu of grease without prior approval by Fontaine.



**2** Lubricate the top plate surface with a thin layer of grease—leave area around jaw and wedge free of grease (skip this step for the 7000CC Clean Connect™ model).



Note: For illustration purposes, red lubricant is used in these photos to show proper coverage. Your grease may have a different color.

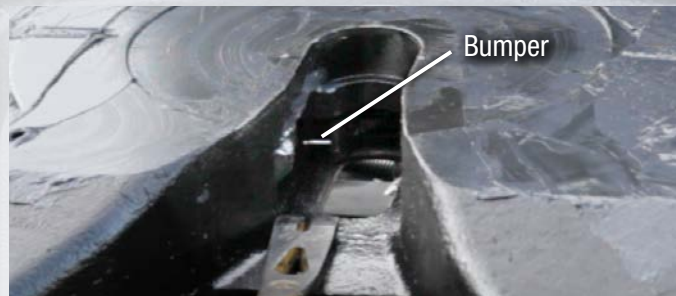


Over-lubrication is costly and causes excessive build-up on fifth wheel components leading to lost revenue.

A Marmon Highway Technologies®/Berkshire Hathaway Company

**3** Remove any old grease from the jaw, wedge and the throat area of the fifth wheel, then close the lock and grease the jaw and wedge (all models)

Trip the locking mechanism with a pry bar by pushing the bumper off its seat. **Keep hands out of the fifth wheel throat.**

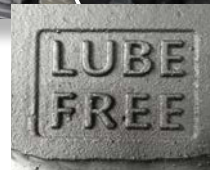


Separate the jaw and wedge with a screw driver and press the recommended lubricant between the serrated surfaces. Work the pull-handle back and forth to spread the lube over all surfaces. Also grease the Stationary Jaw and the Throat Area above the Stationary Jaw.

**4** Grease mounting brackets (Skip this step for "LUBE FREE" models with bracket liner models)



Grease the mounting brackets. Lift the top plate up with a pry bar to ensure grease gets to the top of the brackets. (Inspect mounting bracket base, and if "LUBE FREE" is cast into the bracket skip this step. These models have bracket liners and do not require lubrication. In this case inspect linings for wear). **In cold weather applications please refer to technical bulletin TB-008 and LT-203. Literature is available at fifthwheel.com under support menu).**



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FIFTH WHEEL

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# Jaw & Wedge Adjustment

## Fontaine Fifth Wheel No-Slack®

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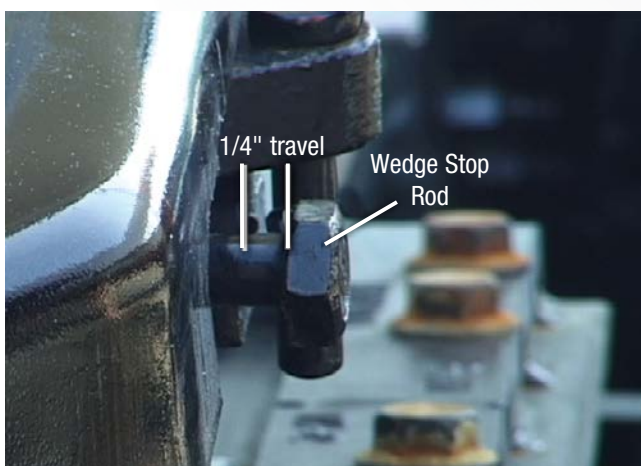
### 1 Insert test kingpin into fifth wheel throat to activate the lock



Insert a dimensionally correct test kingpin tool into the throat of the fifth wheel. Carefully push the kingpin in until the locking mechanism is activated. **Keep your hands out of the fifth wheel throat.**



### 2 Adjust wedge stop rod



Check the travel of the wedge stop rod by pushing in on it. It should move in 1/4" with hand pressure and then spring back out. To obtain a proper setting, turn the wedge stop rod clockwise to reduce the gap and counter-clockwise to increase it. Adjust until the free travel is 1/4".

#### Hint:

If necessary, tap the wedge stop rod with a hammer to release a tight wedge.

### 3 Verify fifth wheel lock is activated



Verify that the pull handle is in the fully locked position (within 1" of the fifth wheel skirt).



**IMPORTANT:** For cold weather instructions see Fontaine publication LT-203 at <http://www.fifthwheel.com/literature/> or scan this QR code with your mobile device.



**IMPORTANT:** Fontaine Training Videos are a great resource that can save time and improve the efficiency of your business. Subjects cover coupling and uncoupling a fifth wheel, rebuilding, maintenance and more. Check them out at: <http://fifthwheel.com/videos/> or scan this QR code with your mobile device.

  
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