

## ADJUSTMENT OF WEDGE STOP ROD

### COMPLAINT:

Driver reports loose action in Fifth Wheel indicating the lock mechanism is not adjusting tightly to the king pin.

### CONDITION:

Wedge Stop Rod out of recommended tolerance for normal operation.

### DIAGNOSIS:

The fifth wheel wedge stop rod is not adjusted properly.  
See: [TB-012 – Adjustment of Wedge Stop Rod](#)

Correct adjustment of the wedge stop rod is crucial to the proper functioning of the locking mechanism. Following these simple steps will ensure long life to your fifth wheel:

### THE CAUSE:

The wedge stop rod has been turned in too far, not allowing the wedge to travel across far enough to tighten the lock; or the jaw and wedge serrations have worn beyond tolerances.

### THE CURE:

1. Close the fifth wheel on a standard 2" king pin tool.
2. Push on the wedge stop rod (Extends from the side of the top plate and looks like the head of a bolt). It should move in 1/4" with hand pressure, then spring back out.
3. To obtain a proper setting, turn the wedge stop rod *clockwise to reduce* the dimension and *counter-clockwise to increase it*. Adjust until the free travel is 1/4". This will allow the automatic feature of the Fontaine Fifth Wheel lock to function properly.

Warning: Turning the wedge stop rod in too far (*clockwise*) will cause premature lock wear.

Attention: If proper wedge stop rod adjustment does not remove slack between locking mechanism and kingpin, it



may be necessary to install a fifth wheel repair kit. The fifth wheel top plate must be removed from the lower mount and disassembled. The repair kit is installed per the following:

6000 Series – [LT-003 - No-Slack® II 6000/7000 Rebuild Bulletin](#)  
5092 Series – [ADRPR – No-Slack® 5092 Rebuild Bulletin](#)

1. Upon completion of the rebuild, follow pre-service routine and check adjustment as if the wheel were new. See: [Pre-Service Procedure](#).

#### **ADDITIONAL INFORMATION:**

1. [Fontaine Fifth Wheel Instructions Handbook](#)
2. [No Slack II 6000 Top Plate Exploded View & Parts List](#)
3. [Technical Bulletin TB-012 -Wedge Stop Rod Adjustment](#)
4. [LT-003 - No-Slack® II 6000/7000 Rebuild Bulletin](#)
5. [ADRPR – No-Slack® 5092 Rebuild Bulletin](#)

#### **TYPICAL ACTION DESCRIPTION:**

Set wedge stop rod gap to 1/4 "and fifth wheel functioned properly. Report any condition of looseness (slack)to mechanic for proper adjustment procedures. \*Advise driver not to attempt to adjust wedge stop rod setting \*\*Drivers may utilize wedge stop rod to unlock hard to open wheel by tapping with hammer\*.

#### **WARRANTY:**

See [Warranty Standard](#); or [Warranty Claim Procedure / SRT Chart](#) for additional information.

#### **GENERAL COMMENTS:**

Videos, Technical Bulletins and Instruction Handbooks for all necessary maintenance and repair of Fontaine Fifth Wheel products are available at no charge by calling (800) 874-9780.