

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 – LT-083 – 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.