

We Make it EASY

Fontaine Fifth Wheel No-Slack®

Rebuild Instructions

Disassembly and Assembly Instructions NO-SLACK 6000/7000/7000CC/H7/NT

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FOR YOUR SAFETY USE ONLY GENUINE FONTAINE SERVICE PARTS. USING PARTS THAT DO NOT MEET FONTAINE SPECIFICATIONS WILL VOID WARRANTY.



Part number: KIT-RX-67NTL

Kit does not include bracket pins or bushings. We recommend our major rebuild kit. Seven kits in one, saves you time and money.



Scan or search "rebuild video" at fifthwheel.com



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Repair

No-Slack® Top Plate Kits

No-Slack® 6000/7000/7000CC/H7/NT

Repair kit (KIT-RPR-6000L or R)

Item	Description	Qty.
⑥	Bumper spring	1
⑦	Handle spring	1
③⑦	Timer spring	1
②①	Step jaw	1
②②	Wedge	1
⑩	Bushing, 7/16"	1
⑮	Bushing, 5/16"	1
⑰	Bushing, 1 1/4"	1
⑫	Hex lock nut, 1/2" - 13	3

Spring kit (KIT-SPRING)

⑥	Bumper spring	1
⑦	Handle spring	1
⑰	Timer spring	1

Wedge-stop rod kit (KIT-ROD-1108)

①	Wedge-stop rod nut	1
②	Flat washer, 5/8" I.D.	2
③	Wedge-stop rod spring	1
④	Wedge-stop rod	1
⑤	Cotter pin, 3/16" x 1"	1

Secondary lock kit (KIT-LAT-6000L or R)

⑦	Handle spring	1
⑧	Hex head bolt, 1/2" - 13	1
⑨	Flat washer, 1/2" I.D.	2
⑩	Bushing, 7/16"	1
⑪	Secondary lock	1
⑫	Hex lock nut, 1/2" - 13	1
⑮	Cotter pin, 3/16" x 1"	1

Pull handle kit (KIT-PUL-6000L or R)

⑬	Pull handle	1
⑭	Flat washer, 1/2" I.D.	1
⑮	Cotter pin, 3/16" x 1"	1

For H7 models use Pull handle kit (KITPULH7)

Bumper kit (KIT-BPR-6000L or R)

⑫	Hex lock nut, 1/2" - 13	1
⑭	Flat washer, 1/2" I.D.	2
⑮	Bushing	1
⑧	Hex head bolt, 1/2" - 13	1
⑯	Bumper	1
⑥	Bumper spring	1

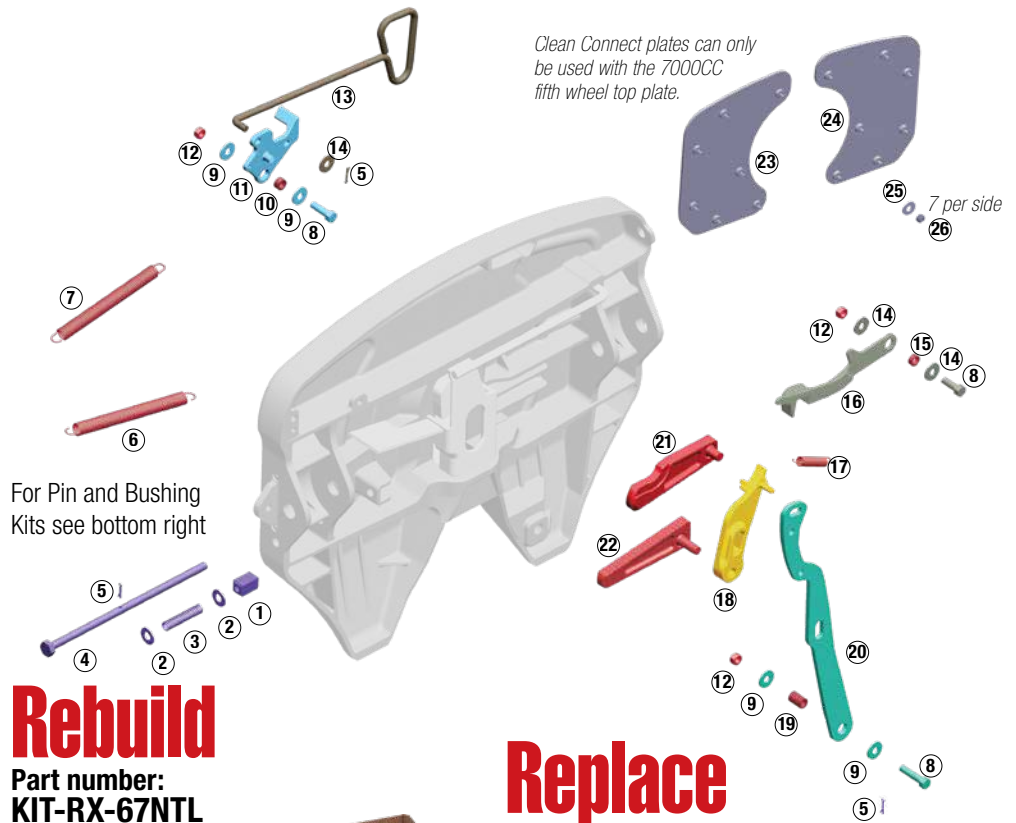
Timer kit (KIT-TMR-6000L or R)

⑰	Timer spring	1
⑱	Timer	1
⑫	Hex lock nut, 1/2" - 13	1
⑤	Hair pin cotter	1

Operating handle kit (KIT-OPR-6000)

⑩	Bushing, 7/16"	1
⑮	Bushing, 5/16"	1
⑰	Bushing, 1 1/4"	1
⑫	Hex lock nut, 1/2" - 13	3
⑨	Flat washer, 1/2" I.D.	2
⑧	Hex head bolt, 1/2" - 13	1
⑳	Operating handle	1
⑤	Hair pin cotter	1

For H7 models use Operating handle kit (KITOPRH7)



Clean Connect plates can only be used with the 7000CC fifth wheel top plate.

For Pin and Bushing Kits see bottom right

Rebuild

Part number: KIT-RX-67NTL

Major rebuild kit for left side (driver) handle release 6000/7000/7000CC/NT. For H7 you must include KITPULH7 to replace the pull handle and KITOPRH7 to replace the operating handle in addition to KIT-RX-67NTL.



- 7 kits shown at left combined in 1 saves you time and money
- Parts are arranged in the sequence for easy installation
- Complete instructions and link to video
- Reduce inventory
- Keep all the benefits of No-Slack® technology

Replace

Replace or upgrade your fifth wheel top plate.

7000
 SLTPL7000 (Driver side release)
 SRTPL7000 (Passenger side)
 AATPL7000 (Air Actuated)

6000
 SLTPL6000 (Driver side release)
 SRTPL6000 (Passenger side)

7000CC (Clean Connect)
 SLTPL7000CC (Driver side release)
 AATPL7000CC (Air Actuated)

NT*
 SLTPLUNT (Driver side release)
 SRTPLUNT (Passenger side)

*Replaces NT and 3000 models only.

Pin and bushing kits

Bracket pin kit (KIT-PIN-LLB)

Use if on LWB, ATB, MTB, NWB, BSM, PMA mount



Bracket pin kit (KIT-PIN-191)

Use if on a AWB, MWS, AWX, PSA, XAWX mount



Bracket pin kit (KIT-PIN-UNT)

Use this kit for NT plates



7000CC Options

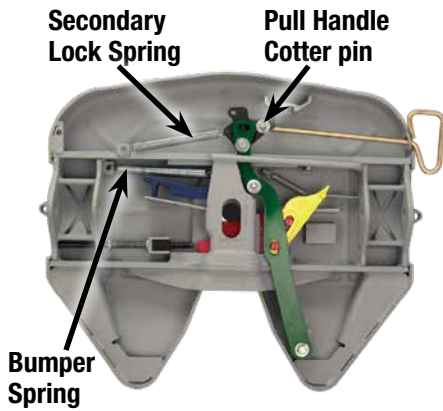
Clean Connect plate kits (7000CC)

Item	Description	Qty.
(CCR-PLATES-R)		
⑳	Right CC plate	1
⑮	Flat washer	7
⑯	Hex lock nut	7
(CCR-PLATES-L)		
㉑	Left CC plate	1
⑮	Flat washer	7
⑯	Hex lock nut	7

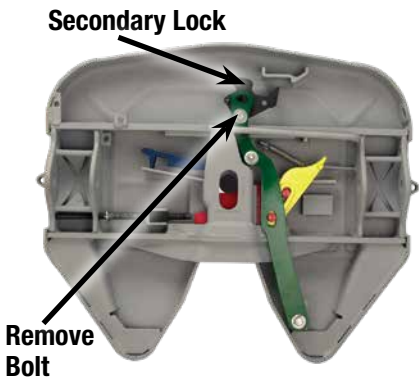
No-Slack® Disassembly

All parts are to be discarded after disassembly. Degrease fifth wheel before installing new parts. For 6000/7000/7000CC/H7/NT Series fifth wheels (procedures are the same). Refer to exploded view of assembly on page 2 to identify item numbers and parts. Caution: Always wear safety glasses and do not stand directly over parts while disassembling or assembling wheel.

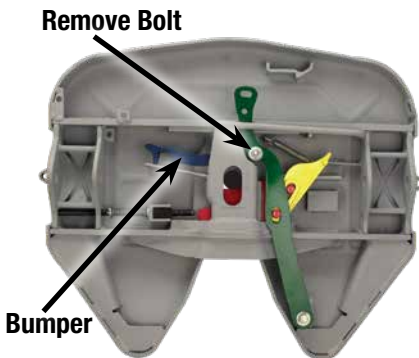
Tools Required: 1-1/16 inch wrench (wedge stop rod)
 3/4 wrench and socket (bolts)
 Pliers (cotter pins)
 Test kingpin (assembly only)



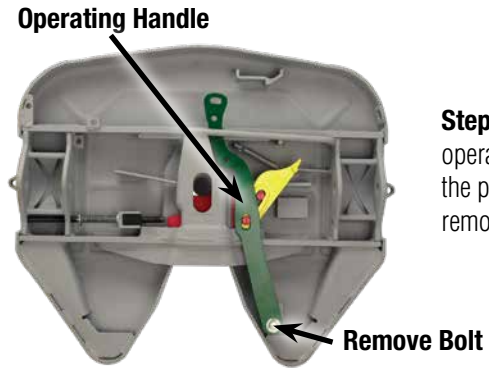
Step 1: Remove the secondary lock spring and the bumper spring. Remove the pull handle cotter pin and washer then, slide out the pull handle.



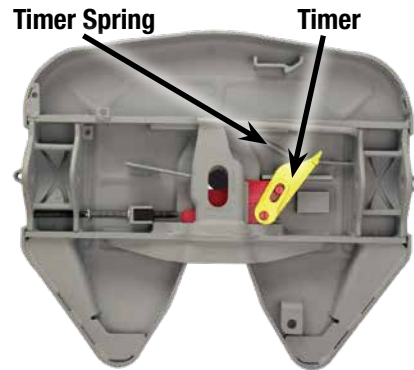
Step 2: Unbolt and remove the secondary lock from the operating handle.



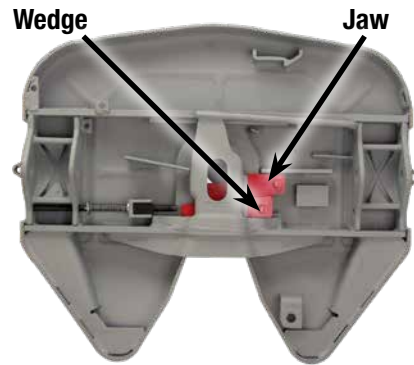
Step 3: Unbolt and remove the bumper from the operating handle.



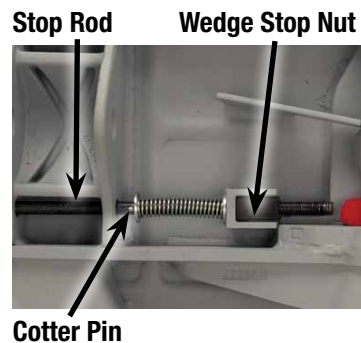
Step 4: Unbolt the operating handle from the pivot mount and remove.



Step 5: Remove the timer spring and the timer.



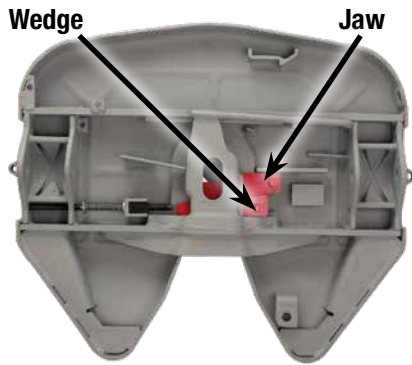
Step 6: Remove the jaw and wedge.



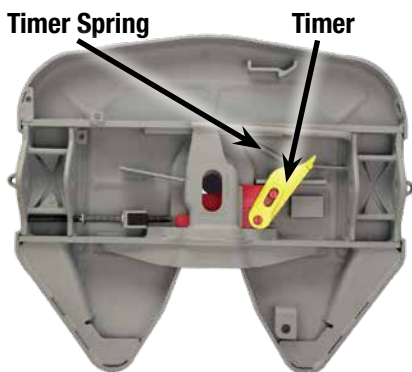
Step 7: Pull out the cotter pin and then unscrew the rod from the wedge stop nut. Remove the wedge stop rod.

No-Slack® Assembly

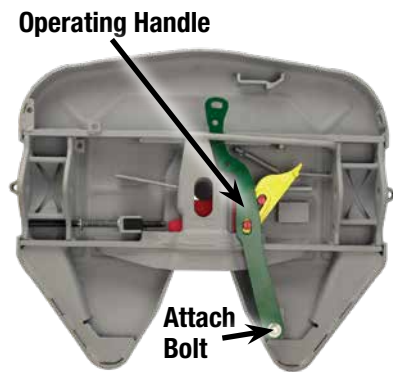
Refer to page 2 item numbers to help identify parts. Before rebuilding the assembly, check to make sure that there are no cracks in the cross members or other components. Also check bracket pin holes to ensure they are not worn oversize (pins should fit snugly). Under no circumstances should a fifth wheel be repaired or used if any component (cross member, saddle bearing, etc.) is cracked.



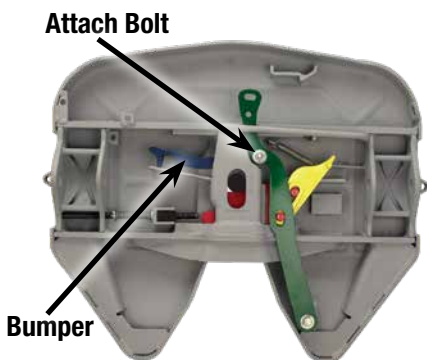
Step 1: Always assemble the parts around a 2" kingpin or a 2" diameter shaft. Insert the jaw first and then the wedge below it (Item Numbers 21, 22). Grease the jaw and wedge on the top and bottom.



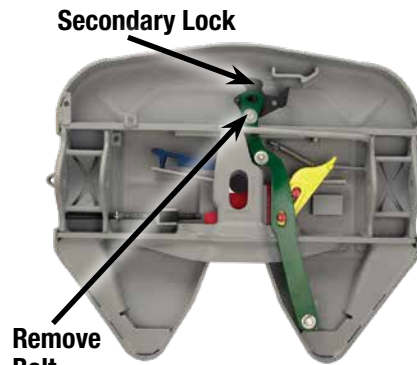
Step 2: Insert the timer (Item Number 18) and the timer spring (Item Number 17).



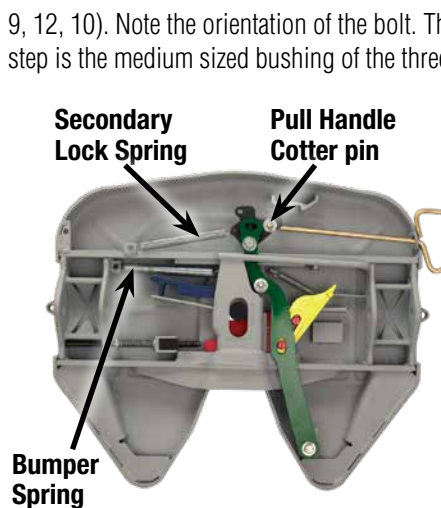
Step 3: Insert the operating handle (Item Number 20) and bolt to the pivot mount. Use the provided bolt, lock nut, 2 washers, hairpin cotter and the bushing supplied in the kit (Item Numbers 8, 12, 9, 5, 19). Note the orientation of the bolt. The bushing used in this step is the largest of the three bushings in the bag. For H7, use hardware supplied in KITOPRH7 to bolt operating handle to the pivot mount.



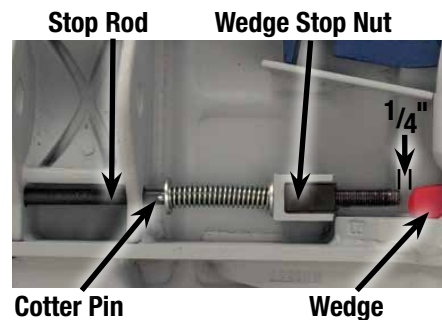
Step 4: Install the bumper (Item Number 16) and bolt to the operating handle. Use the bolt, 2 washers, lock nut and the bushing supplied in the kit (Item Numbers 8, 14, 12, 15). Note the orientation of the bolt. The bushing used in this step is the smallest of the three bushings in the bag. After installing the bumper, check to make sure that it can pivot freely.



Step 5: Install the secondary lock (Item Number 11) and bolt to the operating handle. For H7, install the pull handle hook into the secondary lock before bolting the secondary lock to the operating handle. Use the bolt, 2 washers, lock nut and bushing supplied in the repair kit (Item Numbers 8, 9, 12, 10). Note the orientation of the bolt. The bushing used in this step is the medium sized bushing of the three in the bag.



Step 6: Install the pull handle (Item Number 13). Use the washer and cotter pin supplied in the repair kit (Item Numbers 14, 5). Attach the handle spring (Item Number 7) to the secondary lock and the bumper spring (Item Number 6) to the bumper. These springs are supplied in a repair kit. Now open and close the wheel to ensure that it works properly. Ensure the fifth wheel is properly lubricated before opening and closing the wheel.



Step 7: Install the wedge stop rod (Item Number 5). Use the wedge stop rod nut and spring, as well as the 2 washers and a cotter pin (Item Numbers 1, 2, 3, 5). Note that the spring is placed between the 2 washers and the cotter pin is inserted through the rod behind the first washer. The rod is then screwed into the nut. Close the fifth wheel several times with a 2" kingpin tool. With the lock closed, adjust the wedge stop rod so that the end is 1/4 inch from the wedge.

