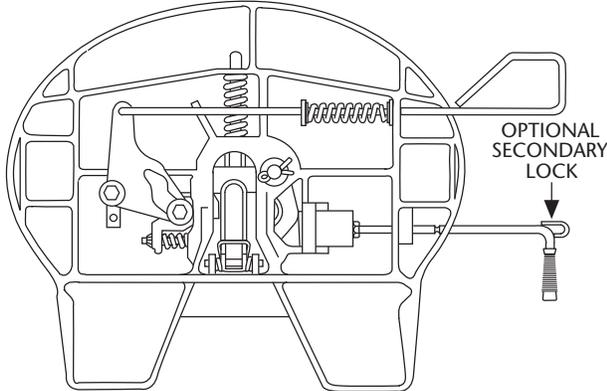


FIFTH WHEELS

REPLACEMENT PROCEDURE

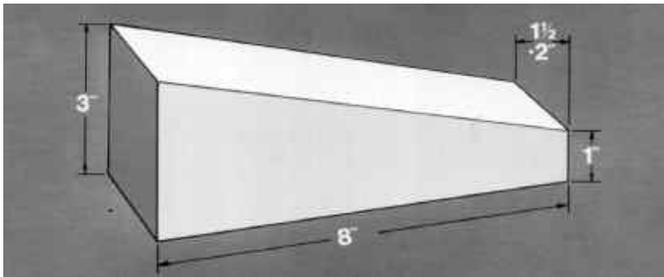
Left Hand (Road Side) Release Kit No. RK-S07707



DISASSEMBLY INSTRUCTIONS

Before starting, it may be necessary to fabricate a helper block. It can be made from hardwood or steel. Refer to **FIGURE 1** for proper dimensions.

FIGURE 1



1. Remove the lock guard (**Item 18**) by removing the two cotter pins (**Item 5**) from the pivot pin (**Item 20**).
2. Remove the pivot pin (**Item 20**), lock guard (**Item 18**), and torsion spring (**Item 19**).
3. Insert the fabricated helper block as shown in **FIGURE 2** to remove tension from the compression spring (**Item 21**).

FIGURE 2



Kit No. RK-S07707

Release Handle Replacement Procedure for XA-2009-S07445 fifth Wheel Top Plate

4. Remove the allen head cap screw (**Item 14**), 5/8" locknut (**Item 17**), lock adjusting wedge (**Item 16**), and the compression spring (**Item 15**).
5. Loosen the set screw (**Item 13**).
6. Remove the hex head cap screws (**Items 9 and 12**) and discard.
7. Disassemble the left hand release handle (**Item 1**) from the left hand cam plate (**Item 6**).
8. Remove the hair pin (**Item 22**) from the left hand release handle (**Item 1**) and remove the release handle from the casting and discard.

ASSEMBLY PROCEDURE

1. Pass the "s" bend of the release handle (**Item 1**) through guide hole (**A**) toward the outside of the top plate.
2. Install a 9/16" I.D. plain washer (**Item 2**) over the "s" bend of the release handle, then insert compression spring (**Item 3**) over the "s" bend of the release handle. Install the hardened washer (**Item 4**) over the "s" bend and finally insert a hair pin (**Item 22**) through the hole in the handle. Bend up the bottom leg of the hair pin to retain it in the handle.

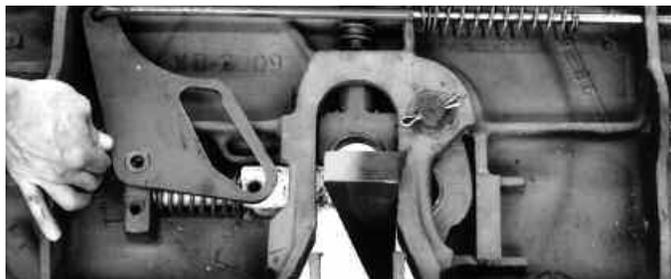
3. Inspect the cam (**Item 6**) for burrs or rough edges in the cam profile. Remove as required.
4. Lube the cam profile and pivot holes with a light grease, then insert the "s" bend of the handle into the small hole in the cam plate.
5. Position cam plate on the casting with the large hole in the cam plate in line with the top cam anchor hole (**B**).

continued

ASSEMBLY PROCEDURE *continued*

6. Install a 1/2" I.D. roller (*Item 7*) in cam anchor hole. (See *FIGURE 3*).

FIGURE 3



7. Assemble a 1/2" I.D., 2 1/4" O.D. washer (*Item 8*) over the roller, then pass the 1/2" bolt (*Item 9*, with the red thread sealant) through the washer, roller and into the casting. Tighten securely.

NOTE: When installing the washers (*Item 8* and *Item 10*), the rounded edge of the washer must always face the cam plate.

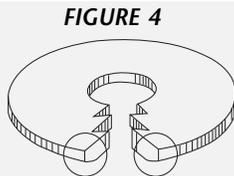
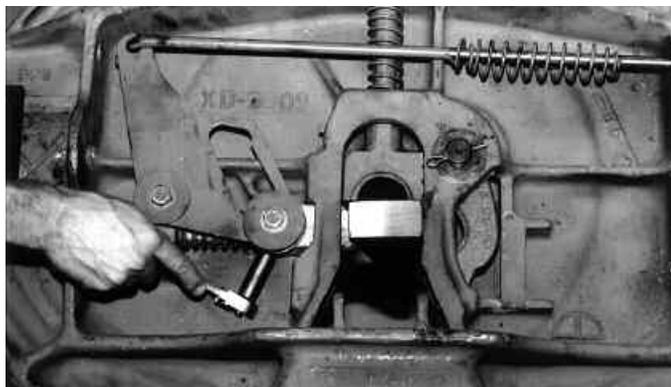


FIGURE 4

8. Pull the release handle and check for free movement.
9. Place a 1/2" I.D. x 2 5/8" O.D. washer (*Item 10*) between the cam and plunger (*Item 11*).
10. Insert a 1/2" roller (*Item 7*) over the washer (*Item 10*) in the cam profile.
11. Insert another 1/2" I.D. x 2 5/8" O.D. washer (*Item 10*) over the roller, then pass a 2" long, 1/2" diameter bolt (*Item 12*) through the assembly into the threaded hole in the plunger. Tighten securely, then loosen until the top washer spins freely.
12. Pull the release handle, remove the helper block and check for ease of operation.
13. Using a 3/8" square deep well socket, securely tighten the set screw (*Item 13*) in the plunger. (See *FIGURE 5*).
14. On some models, there could be interference between the washers (*Item 10*) and the fifth wheel casting when the cam is in the locked position. When the fifth wheel is locked, the washers must be free to spin. If the washers contact the casting, grind the casting at the point of interference shown by the arrow in *FIGURE 6*, until the washers are free to spin.

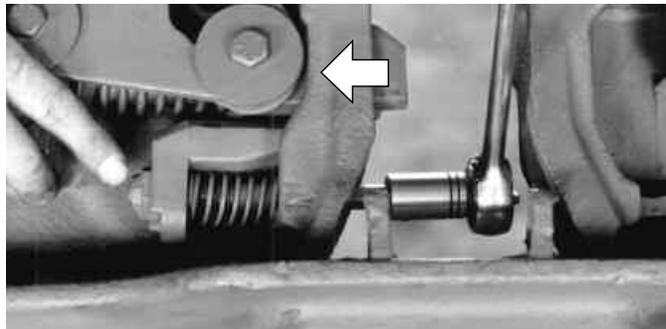
FIGURE 5



ADJUSTING WEDGE INSTALLATION

1. Put release handle in the closed position.
2. Coat the threads of the Allen head cap screw (*Item 14*) with Never-Seez and install through the hole located in the throat of the casting.
3. Install the compression spring (*Item 15*) over the cap screw.
4. Next, slide the wedge (*Item 16*) along the plunger, compress the spring and install the 5/8" locknut (*Item 17*). Tighten the cap screw with a 1/2" Allen wrench until the nut is flush with the end of the bolt. (See *FIGURE 6*).

FIGURE 6



LOCK ADJUSTMENT

1. Close the locks, using a Holland TF-TLN-5001 Lock Tester. Operation of the tester is described in Holland publication XL-FW340. When operating properly, the plunger (*Item 11*) will slide freely behind the hinged lock as shown in *FIGURE 7*.

FIGURE 7



2. Close the locks (using the lock tester), then using a ratchet with a 1/2" Allen wrench, tighten the adjustment screw (*Item 14*) in the throat of the top plate by turning clockwise until tight.
3. Now loosen (turning counterclockwise) 1 1/2 turns. The locking mechanism is now properly adjusted.
4. Check the operation by locking and unlocking several times.

NOTE: If the top plate does not operate properly, **DO NOT USE IT**. Repeat the above procedures or contact your local Holland representative for assistance.

GENERAL INFORMATION

1. All fifth wheel maintenance, adjustment and rebuilding must be performed by a qualified person using proper tools and safe procedures. For more information, refer to Holland Publication XL-FW303 "Fifth Wheel Maintenance Procedures."
2. Do not modify or add to the product.
3. Use only genuine Holland parts.
4. Wear safety goggles during installation, removal and rebuilding.
5. Never strike any part of the item with a steel hammer.
6. Do not weld on this product without written permission from the factory.
7. Observe standard precautions when lifting.
8. Refer to Holland Publication XL-FW340 for description and instructions for Holland TF-TLN-5001 Kingpin Lock Tester.

9. Do not deviate from these instructions. Any changes or deviations will void all warranties, expressed or implied, unless written consent is first obtained from the factory.
10. Check to see that all parts included in the kit are enclosed in the box.

IMPORTANT: This equipment must not be used or maintained in a careless manner.

These products are covered by Holland's Commercial Products Warranty. Holland reserves the right, without giving prior notice, to change specifications and dimensions as designs are altered or improved.

Copyright © June 2003 • The Holland Group, Inc.

Holland USA, Inc. Facilities:

Denmark, SC Muskegon, MI
Dumas, AR Warrenton, MO
Holland, MI Wylie, TX

Ph: 888-396-6501 Fax: 800-356-3929

Holland International, Inc.

Holland, MI
Phone: 616-396-6501
Fax: 616-396-1511

Holland Hitch of Canada, Ltd.

Woodstock, Ontario • Canada
Phone: 519-537-3494
Fax: 800-565-7753

Holland Equipment, Ltd.

Norwich, Ontario • Canada
Phone: 519-863-3414
Fax: 519-863-2398

Holland Hitch Western, Ltd.

Surrey, British Columbia • Canada
Phone: 604-574-7491
Fax: 604-574-0244