

# SEASONAL MAINTENANCE

This seasonal maintenance document contains service bulletins:

XL-SB036-01

XL-SB082 Rev A

XL-SB041



# 3500

## SERVICE BULLETIN



### Important Seasonal PM for your FW35 Fifth Wheel

October 10, 2001

#### The two most important items in eliminating fifth wheel operating difficulties are:

1. Proper Fifth Wheel P.M. Procedures (including as needed lubrication)
2. Proper Coupling Procedures



Failure to properly install, operate, or maintain this fifth wheel could result in tractor and trailer separation causing death or serious injury to others.

#### 1. PROPER FIFTH WHEEL P.M.

*Routine periodic maintenance and lubrication are a necessary part of your 3500 fifth wheel's service life.*

*To get the maximum service life, perform the steps below at the intervals shown:*

- A. Thoroughly clean the locking mechanism every 6 months or 60,000 miles.
- B. Inspect for bent, broken or missing parts every 6 months or 60,000 miles. Replace as necessary (use only genuine Holland parts).
- C. Relube, as shown below. Inspect regularly and relubricate as necessary.
- D. Check the operation by locking and unlocking using a Holland lock tester. Verify that the fifth wheel is completely closed, as shown on opposite side.

#### CLEAN: ALL MOVING COMPONENTS

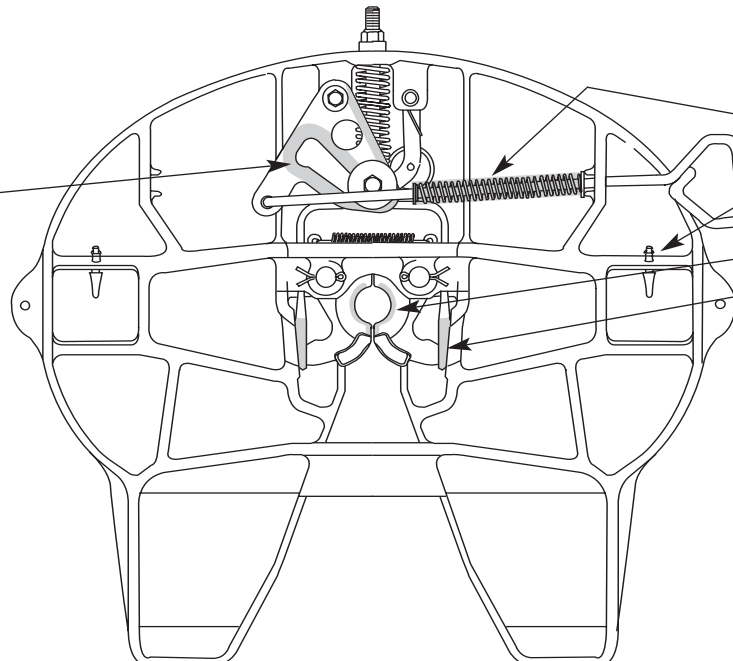
#### RECOMMENDATION:

*Clean with spray WD-40 or CRC*

#### OIL LUBRICATE: CAM PLATE PROFILE AND WASHERS

#### RECOMMENDATION:

*Lubricate with SAE 10W or 20W motor oil*



#### GREASE

- Release handle and spring
- Pocket fittings (right and left sides)
- Locks
- Yoke tips

#### RECOMMENDATION: A "low temp" grade grease for -30°F or lower, such as:

*Cato Oil & Grease #5213  
Craftsman Chemical Co.  
#LTF 2  
Mystic LP-200  
or equivalent*

## 2. PROPER COUPLING PROCEDURES

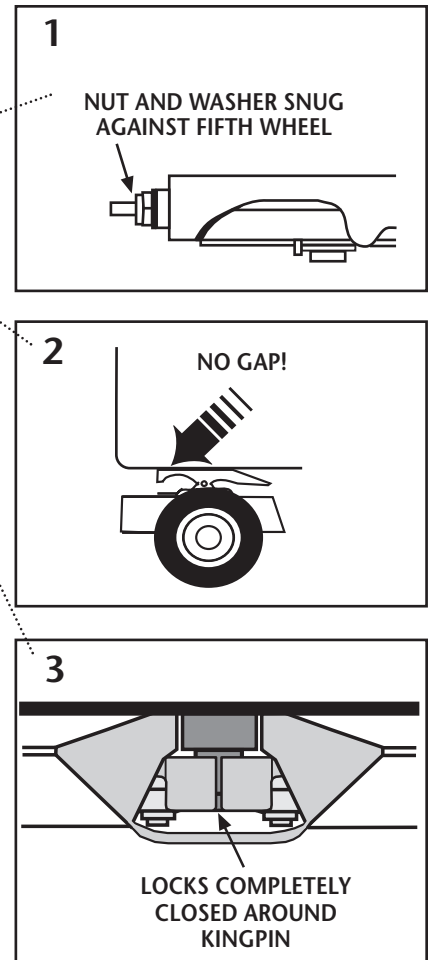
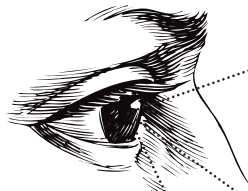
One of the most common causes of coupling difficulties is improper coupling procedures. A visual inspection is the best way to insure proper coupling. Also, it is required by law as part of the pre-trip inspection.

*After coupling, look for the following:*

*Holland's 3500 Coupling Instructions (Publication XL-FW335-XX) highlights the most important steps in proper fifth wheel coupling.* For copies of the 3500 Coupling instructions or any other service need, please contact your local Holland representative.

In the US, call 1-888-396-6501. In Canada, call 604-574-7491 for British Columbia, Alberta and Saskatchewan; or 519-537-2366 for Manitoba, Ontario, Quebec and Atlantic Canada. Refer to Holland Publication XL-FW306-XX and XL-FW308-XX for complete operating and maintenance procedures.

Visually check lock



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### 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



### Important Seasonal PM for your FW17 Fifth Wheel

March 1, 2006

#### The two most important items in eliminating fifth wheel operating difficulties are:

1. Proper Fifth Wheel P.M. Procedures (including as needed lubrication)
2. Proper Coupling Procedures

**⚠ WARNING** Failure to properly install, operate, or maintain this fifth wheel could result in tractor and trailer separation causing death or serious injury to others.

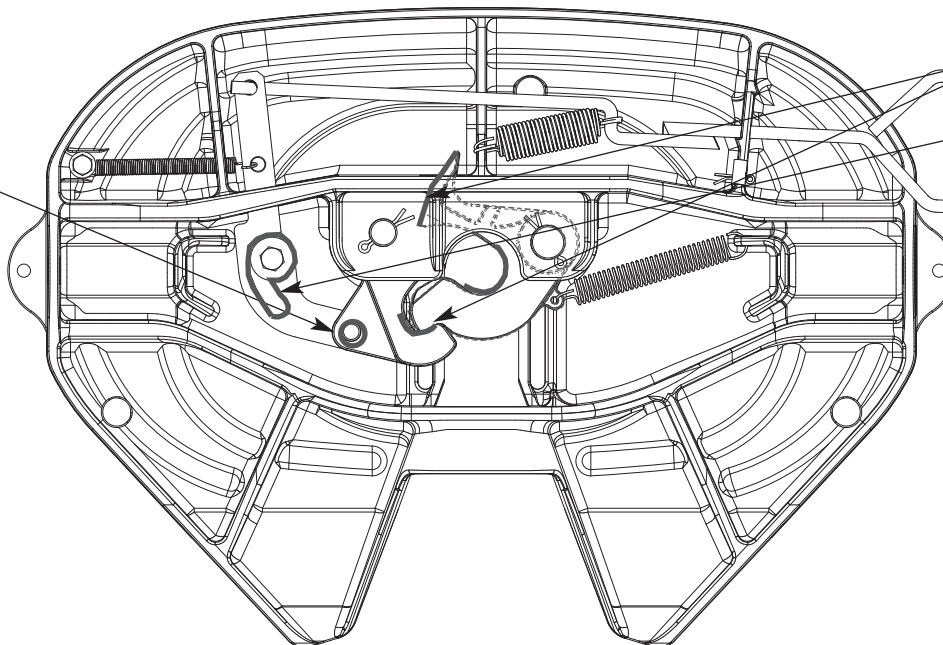
#### 1. PROPER FIFTH WHEEL P.M.

*Routine periodic maintenance and lubrication are a necessary part of your FW17 fifth wheel's service life. To get the maximum service life, perform the steps below at the intervals shown:*

- A. Thoroughly clean the locking mechanism every 6 months or 60,000 miles.
- B. Inspect for bent, broken or missing parts every 6 months or 60,000 miles. Replace as necessary (use only genuine Holland parts).
- C. Relube, as shown below. Inspect regularly and relubricate as necessary.
- D. Check the operation by locking and unlocking using a Holland lock tester. Verify that the fifth wheel is completely closed, as shown on opposite side.

#### CLEAN/ LUBRICATE

Release handle pivot  
Hook pin  
Clean with spray WD-40 or CRC  
Lubricate with SAE 10W or 20W motor oil



#### GREASE

Swing lock-to-hook contact areas  
Cam track  
Recommended greases  
A "low temp" grade recommended for -30°F or lower such as:  
Cato Oil & Grease #5213  
Craftsman Chemical Co. #LTF 2  
Mystic LP-200 or equivalent

## 2. PROPER COUPLING PROCEDURES

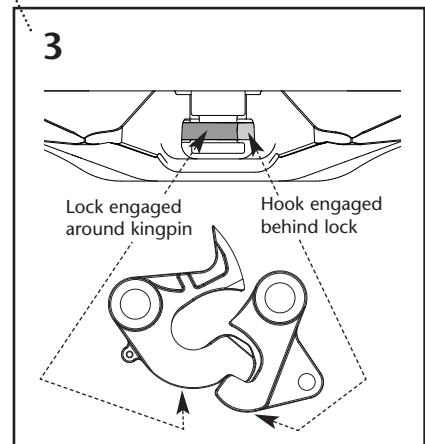
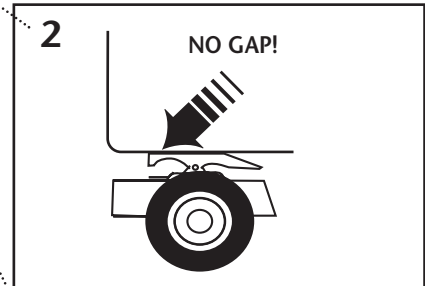
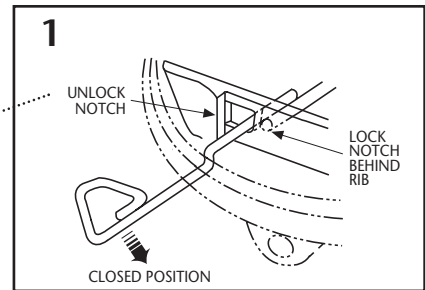
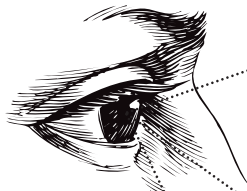
One of the most common causes of coupling difficulties is improper coupling procedures. A visual inspection is the best way to insure proper coupling. Also, it is required by law as part of the pre-trip inspection.

*After coupling, look for the following:*

*Holland's FW17 Coupling Instructions (Publication XL-FW493-N) highlights the most important steps in proper fifth wheel coupling.* For copies of the FW17 Coupling instructions or any other service need, please contact your local Holland representative.

In the US, call 1-888-396-6501. In Canada, call 604-574-7491 for British Columbia, Alberta and Saskatchewan; or 519-537-2366 for Manitoba, Ontario, Quebec and Atlantic Canada. Refer to Holland Publication XL-FW493-N for complete operating and maintenance procedures.

Visually check lock



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Dumas, AR      Monroe, NC  
Holland, MI      Warrenton, MO  
Muskegon, 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

**The two most important items in eliminating fifth wheel operating difficulties are:**

- 1. Proper Fifth Wheel P.M. Procedures (as needed lubrication)**
- 2. Proper Coupling Procedures**

**1. PROPER FIFTH WHEEL P.M.**

*Routine periodic maintenance and lubrication are a necessary part of your FleetMaster fifth wheel's service life. To get the maximum service life, perform the steps below at the intervals shown:*

- A. Inspect regularly and relubricate as necessary. Relube, as shown below.
- B. Thoroughly clean the locking mechanism every 6 months or 60,000 miles.
- C. Inspect for bent, broken or missing parts every 6 months or 60,000 miles. Replace as necessary (use only genuine Holland parts).
- D. Additional important inspection and adjustment information can be found in Holland FleetMaster Maintenance Procedures (publication XL-FW354).

**CLEAN/LUBRICATE**

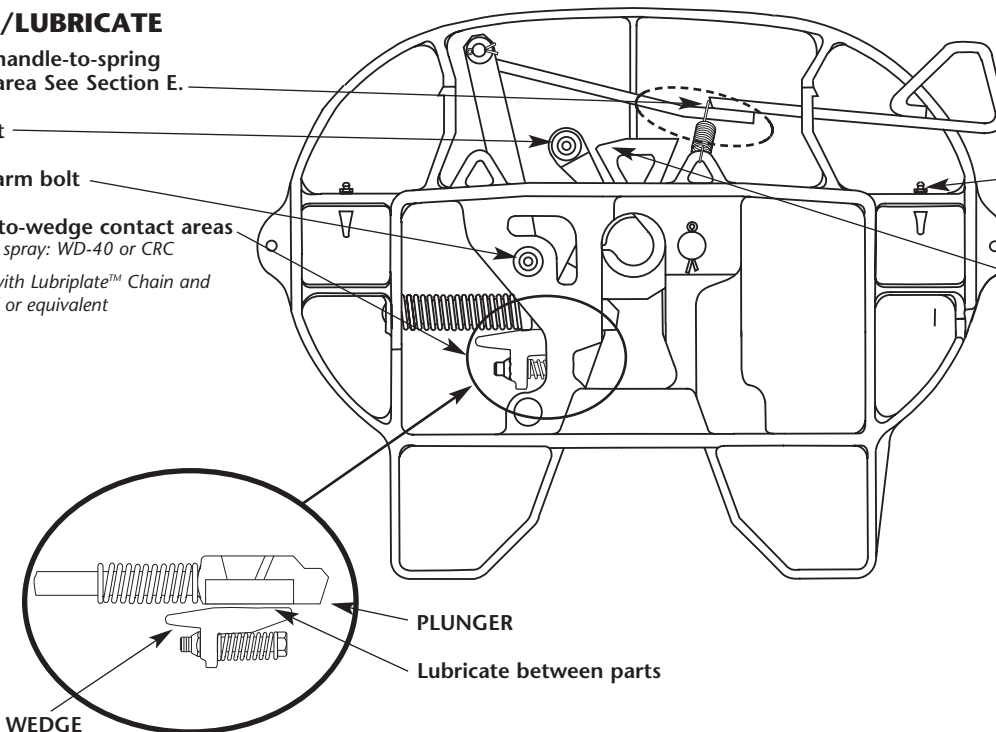
Release handle-to-spring contact area See Section E.

Cam bolt

Release arm bolt

Plunger-to-wedge contact areas  
 Clean with spray: WD-40 or CRC

Lubricate with Lubriplate™ Chain and Cable Fluid or equivalent



**GREASE**

Pocket fittings (right and left sides)

Swing lock-to-cam arm contact area

Recommended Greases:  
 A "low temp" grade recommended for -30°F or lower such as:

Cato Oil & Grease #5213

Craftsman Chemical Co. #LTF 2

Mystic LP-200 or equivalent

PLUNGER

Lubricate between parts

WEDGE

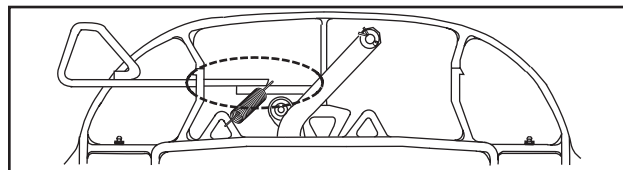
- E. Inspect the release handle. If your fifth wheel is **right-hand** (curb side) release, apply grease along the release handle where it contacts the handle spring (see **FIGURE 1A**). If you have a **left-hand** (driver side) release handle with a sliding spring, as shown in **FIGURE 1B**, apply grease along the release handle where it contacts the handle spring.

Lubrication is **NOT** required for **left-hand** (driver side) release handles that have a fixed spring (see **FIGURE 1C**).

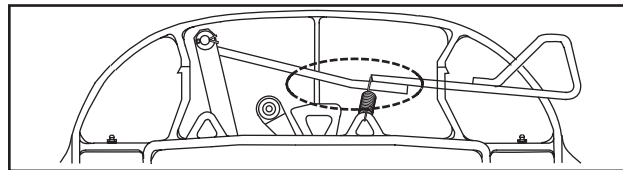
Current production, as well as rebuild kits utilize the new fixed spring design. As noted above, this design eliminates the lubrication requirements of the handle and reduces the handle pull effort.

If you have a **left-hand** (driver side) release handle that does not have the fixed spring design — as shown in **FIGURE 1C** — contact your nearest Holland representative or distributor to order a handle replacement kit.

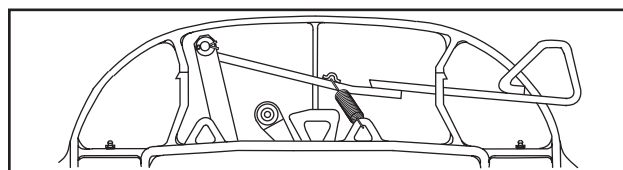
- F. Check the operation by locking and unlocking using a Holland lock adjustment tool (TF-TLN-5001). Verify that the fifth wheel is completely closed, as shown below.



**Figure 1a**  
Right Hand Release with Sliding Spring  
(Grease Required)



**Figure 1b**  
Left Hand Release with Sliding Spring  
(Grease Required)



**Figure 1c**  
Left Hand Release with Fixed Spring  
(No Grease Required)

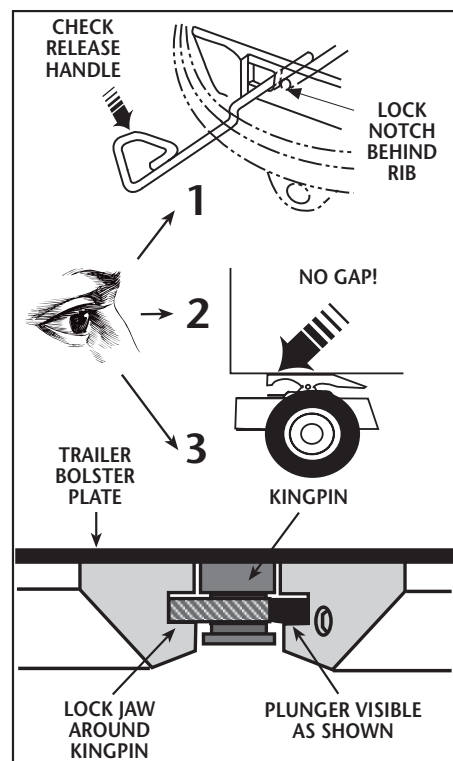
## 2. PROPER COUPLING PROCEDURES

One of the most common causes of coupling difficulties is improper coupling procedures. A visual inspection is the best way to insure proper coupling. Also, it is required by law as part of the pre-trip inspection.

Holland's FleetMaster Coupling flyer (Publication XL-FW357) highlights the most important steps in proper fifth wheel coupling. For copies of the FleetMaster Coupling flyer or any other service need, please contact your local Holland representative.

In the US, call 1-888-396-6501. In Canada, call 604-574-7491 for British Columbia, Alberta and Saskatchewan; or 519-537-2366 for Manitoba, Ontario, Quebec and Atlantic Canada.

Refer to the publications provided with your fifth wheel for complete FleetMaster (FW8) maintenance and operating procedures.



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

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