



FIFTH WHEELS

MAINTENANCE and REBUILDING MANUAL



Service Manual for Holland Simplex Series Fifth Wheels

SE™

II SE™ (LH & RH release)

II™ (LH & RH release)

Lite® (straight pull)

RH

Yard Tractor



SIMPLEX SE



SIMPLEX II SE

TABLE OF CONTENTS

Fifth Wheel Identification	3
General Maintenance Instructions	4
Jaw/Kingpin Clearance Adjustment	5 – 6
Service Tip: Jaw Adjustment	7
Jaw Removal and Replacement on Tractor	7
Service Tip: Oversize Adjustment Pin	8
Bracket Connection	8
Bracket Pad/Shoe Removal and Replacement	9 – 10
Service Tip: Bracket Pad Thickness	10
Holland Simplex Top Plate Removal and Replacement Procedure	11
Release Handle & Safety Indicator Removal	12
Lubrication	13
TaperLoc & TouchLoc Air Cylinder Inspection & Maintenance	14
Complete Rebuild	15 – 17
Simplex II SE (left-hand release) Parts List and Rebuild Kits	19
Simplex II SE (right-hand release) Parts List and Rebuild Kits	20
Simplex SE Parts List and Rebuild Kits	21
Simplex II Parts List and Rebuild Kits	22
Simplex II RH Parts List and Rebuild Kits	23
Simplex/Simplex Lite-Straight Pull Parts List and Rebuild Kits	24
Simplex RH Parts List and Rebuild Kits	25
Simplex Yard Tractor with Lockout Parts List and Rebuild Kits	26
Simplex Yard Tractor w/o Lockout Parts List and Rebuild Kits	27
Troubleshooting Guide	28

GENERAL SAFETY INSTRUCTIONS

1. **Keep Work Area Clean.** Cluttered areas and benches invite accidents.
2. Keep fingers away from all potential pinch points in the fifth wheel.
3. All fifth wheel maintenance must be performed by a qualified service technician using proper tools and safe procedures.
4. Use only SAF-HOLLAND Simplex Original Parts.
5. **Use Safety Goggles.** Glasses or goggles not in compliance with ANSI or CSA can cause serious injury when damaged or broken.
6. **Wear Proper Apparel.** Do not wear loose clothing, gloves, neckties, jewelry (rings, wristwatches, etc.) that can get caught in moving parts. Non-slip footwear is recommended.

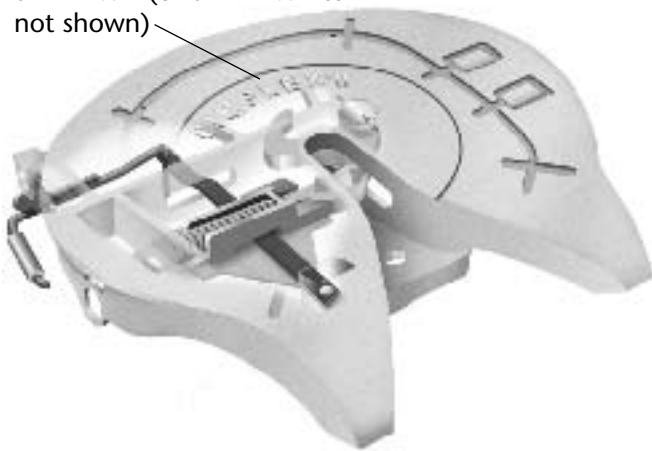
FIFTH WHEEL IDENTIFICATION

HOLLAND Simplex fifth wheels can be identified in one of the two ways described. Each top plate ships from the factory with a tag attached to the left side over the bracket pin (*Figure 1*). This tag contains the serial number and driver coupling instructions.

In the event this tag is missing or cannot be read, the model name is cast on the top surface of older wheels (Simplex II and Simplex Lite) (see *Figure 2*).

Figure 2

SIMPLEX II (or SIMPLEX Lite not shown)



The SE generation of HOLLAND Simplex fifth wheels can be easily identified by an 8-sided (octagon) lock adjustment pin and bracket pin retention feature (pins or bolts) (*Figures 3 and 4*) on the outside ears of the fifth wheels.

The best identifiable feature to distinguish an *SE* from a *II SE* is the shape and length of the fifth wheel ramps (*Figures 3 and 4*).

If you are unsure of your fifth wheel model, call SAF-HOLLAND customer service at 888-396-6501 for additional information.

Figure 1

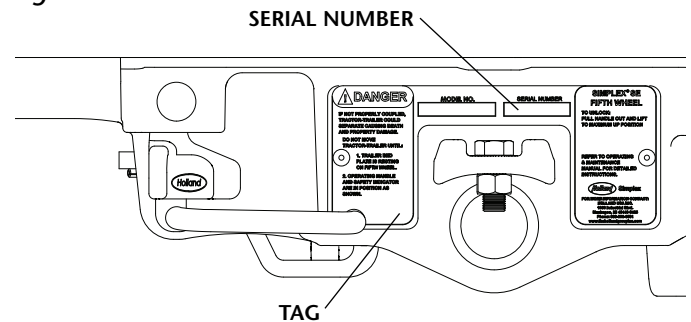
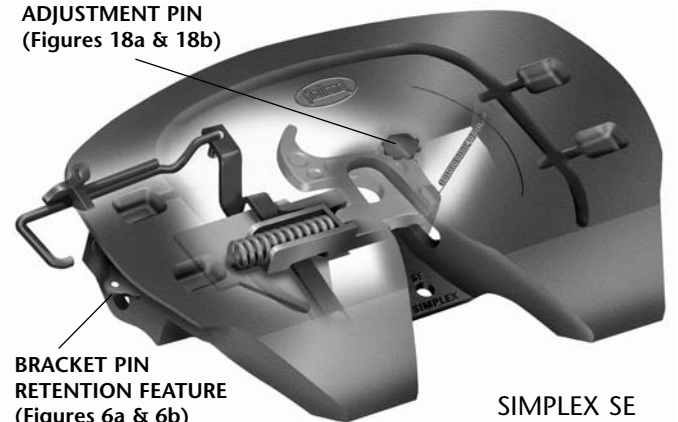


Figure 3

OCTAGON LOCK ADJUSTMENT PIN (Figures 18a & 18b)

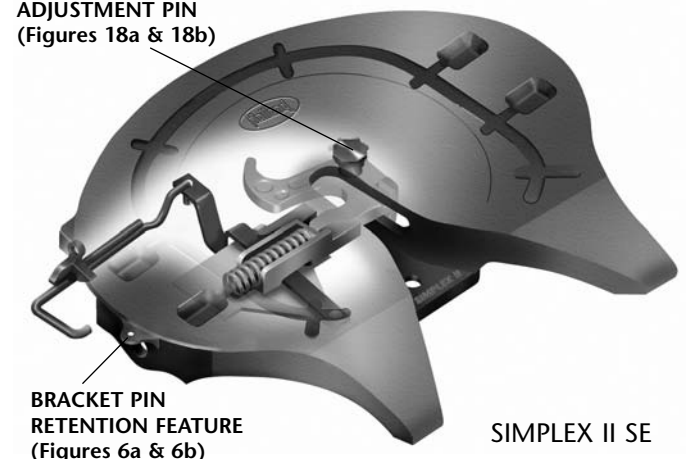


BRACKET PIN RETENTION FEATURE (Figures 6a & 6b)

SIMPLEX SE

Figure 4

OCTAGON LOCK ADJUSTMENT PIN (Figures 18a & 18b)



BRACKET PIN RETENTION FEATURE (Figures 6a & 6b)

SIMPLEX II SE

GENERAL MAINTENANCE INSTRUCTIONS

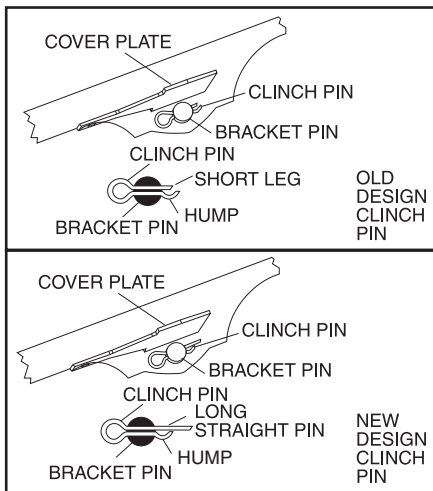
Fifth wheels must be regularly inspected and properly serviced. A three month or 30,000 mile service interval is recommended.

For safe and efficient operation, the following guidelines should be followed:

Replace any cracked, broken, bent or missing parts. For components, refer to the parts listing at the end of this document.

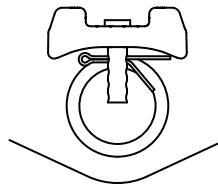
Inspect the bracket pin clinch pins. The hump should be fully exposed on both clinch pins (*Figure 5*).

Figure 5



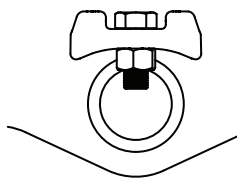
Cotter or clinch pins located in the jaw pin, bracket pins, lever bar pin and safety indicator pin must be in place. Both legs of cotter pins should be adequately spread to insure retention. Clinch pins should not be modified or tapped into hole using hammer as this can cause them to lose their spring memory.

Figure 6a



HOLLAND Simplex SE model fifth wheels have additional external retainers and cotter pins (*Figure 6a*) or bolt and nut (*Figure 6b*) that should be installed in the top plate.

Figure 6b



All mounting bolts are to be torqued to the bolt manufacturer's recommended level.

Inspect the release handle. Compare it to *Figure 7* or to a new release handle and replace it if there is any distortion. Ensure that the safety indicator swings freely over the release handle when the release handle is fully retracted (*Figure 8*).

Figure 7

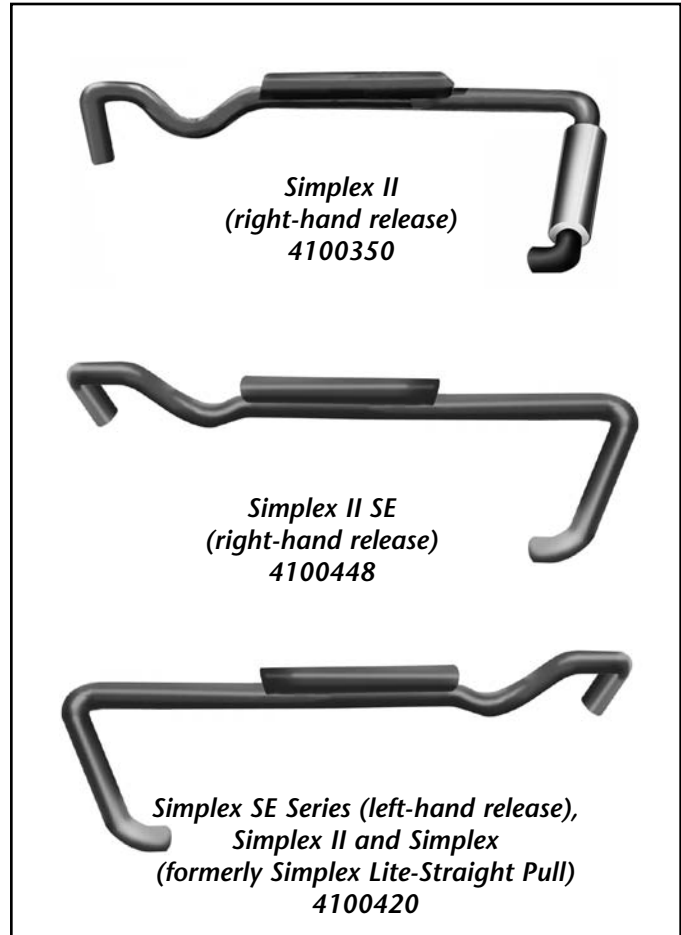
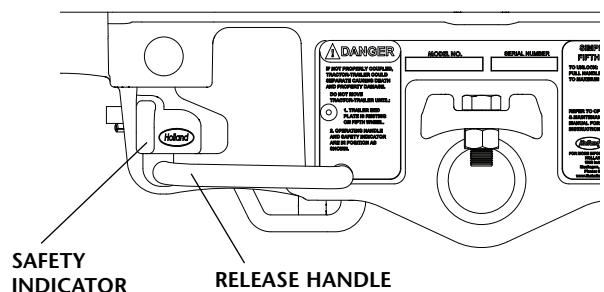


Figure 8



JAW/KINGPIN CLEARANCE ADJUSTMENT

Check for excessive clearance at the kingpin at regular intervals. New fifth wheels provide a minimum 1/16" clearance between the kingpin and jaw. This clearance is necessary to permit proper locking and to accommodate SAE kingpin tolerances.

IMPORTANT: Use a bar or block to rotate jaw when opening or closing the locking mechanism. When locking the jaw, stand clear of the release handle as it retracts rapidly during lockup.

CAUTION Lock is spring-loaded. Prevent injury by keeping hands away from lock and jaw which, if not avoided, could result in serious injury to hands or fingers.

1. Be sure that the fifth wheel jaw is in the unlocked or open position (*Figure 9a*). If not as illustrated, pull release handle to extended position and use a bar or block to rotate jaw to the open position (*Figure 9b*).

Figure 9a

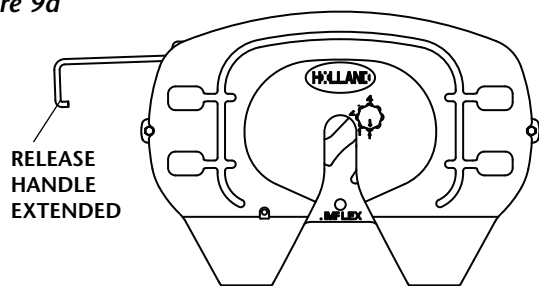
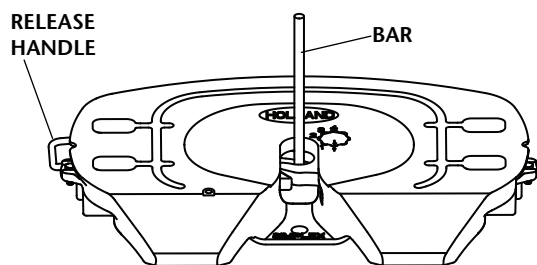
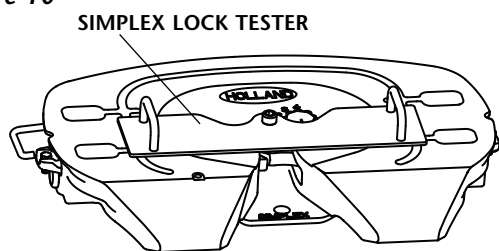


Figure 9b



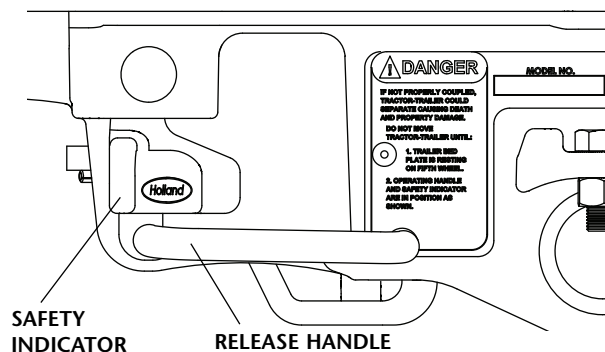
2. Ram a Simplex lock tester (HOLLAND # 4000171) into the open jaw to achieve a coupled and locked condition (*Figure 10*). The safety indicator must swing freely over the release handle (*Figure 11*).

Figure 10



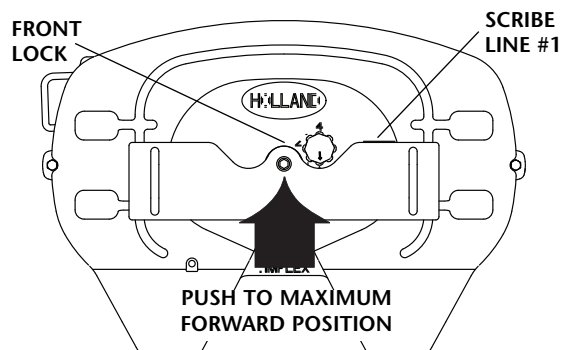
NOTE: For complete instructions on a properly coupled condition, see the tag affixed to the side of the fifth wheel near the release handle and the drivers card that is furnished with each fifth wheel.

Figure 11



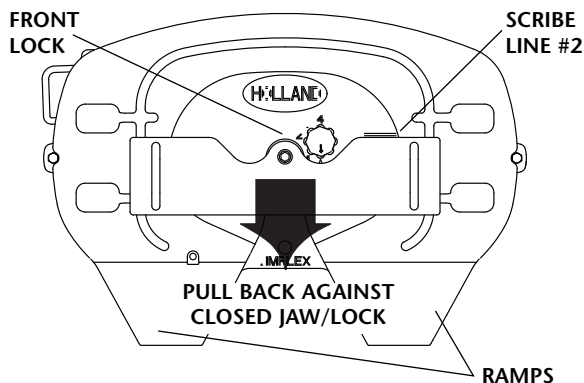
3. Measure the longitudinal lock tester movement. The lock tester plate must be flat on the wheel.
 - a. With lock-tester locked in fifth wheel, push lock tester so it is tight against fifth wheel's front lock and flat on the wheel. Scribe a line on surface of fifth wheel face along front edge of lock tester (*Figure 12*).

Figure 12



- b. With the lock tester still locked in the fifth wheel, pull lock tester toward fifth wheel ramps. Scribe a second line on surface of fifth wheel along front edge of lock tester (*Figure 13*).

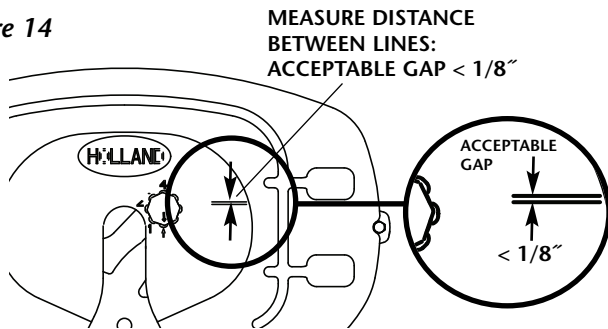
Figure 13



JAW/KINGPIN CLEARANCE ADJUSTMENT (con't.)

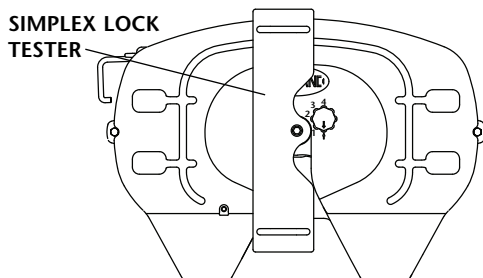
- c. Unlock fifth wheel and remove lock tester. Measure distance between scribed lines (Figure 14).

Figure 14



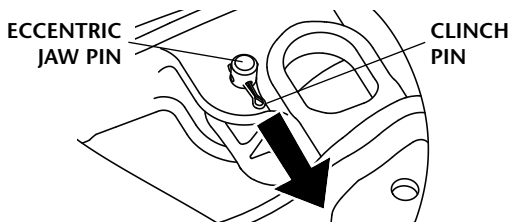
4. If clearance exceeds $1/8$ " , it should be DIALED OUT using the eccentric jaw pin on which the jaw pivots.
- a. Reinstall lock tester in fifth wheel and rotate the lock tester until the cutout in the gauge is in a position to allow access to the eccentric jaw pin (Figure 15).

Figure 15



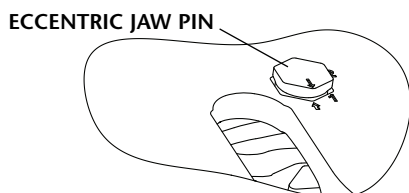
- b. Remove the clinch pin from the eccentric jaw pin (Figure 16).

Figure 16



- c. Lift the eccentric jaw pin sufficiently to clear the indexing hexagon (or octagon) head (Figure 17), and rotate the pin to the next higher number position in a clockwise direction for a left-hand release wheel, and counter clockwise direction for a right-hand release wheel.

Figure 17



NOTE: DO NOT rotate the jaw beyond the 12:00 position. This will be position 3 or position 4, depending on whether the top plate has a 6- or 8-point adjustment pin (Figures 18a and 18b).

Figure 18a (6-point pin)

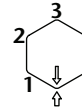


Figure 18b (8-point pin)

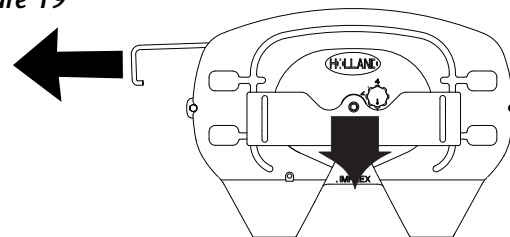


NOTE: After an adjustment is made, always recheck using a lock tester to ensure that a positive lock can be achieved (safety indicator down). Remember to secure the jaw pin by reinstalling the clinch pin. Do not over-adjust or the fifth wheel will not lock to a kingpin.

WARNING Improper adjustment can cause improper locking of the fifth wheel. An improperly coupled tractor and trailer may separate while in use which, if not avoided, could result in death or serious injury.

- d. Remeasure the clearance at the kingpin. If the clearance remains excessive, repeat Steps 4a-4d until the clearance allows a minimum $1/16$ " movement of the lock tester.
- e. After the final adjustment, reinstall the clinch pin in the base of the jaw pin.
- f. Remove the lock tester*. When removing the lock tester two people are usually required. The release handle must be fully extended and held out beyond lockset, while the lock tester is pulled straight back out of the fifth wheel jaw opening towards the rear (Figure 19). Considerable force can be required for removal.

Figure 19



- g. Check for a positive locking condition by coupling to a trailer equipped with a new kingpin, several times. For complete instructions see "Simplex and Simplex II Operating Instructions" manual (XL-FW458). Also see the tag affixed to the side of the fifth wheel near the release handle and the driver's card that is furnished with each fifth wheel.

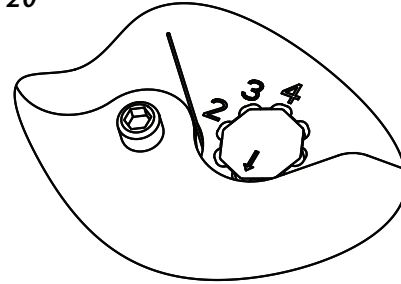
* The lock tester (HOLLAND # 4000171) is used to test fifth wheel coupling. It is **NOT** used to test uncoupling.

SERVICE TIP: JAW ADJUSTMENT

It is **important** that the fifth wheel **not** be adjusted to have less than 1/16" of clearance between the kingpin and the top plate. A 1/16" drill bit may be inserted between the kingpin and the top plate to aid in measurement (*Figure 20*).

If there isn't a minimum of 1/16" clearance, the fifth wheel should be adjusted to the next lower position.

Figure 20



JAW REMOVAL AND REPLACEMENT ON TRACTOR

For components, refer to the individual fifth wheel parts lists at the end of this document.

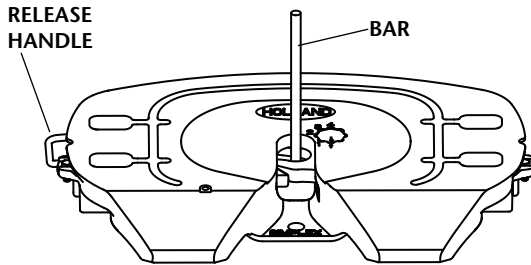
Disassembly

1. Lock the jaw mechanism using a bar or block (*Figure 21*).

IMPORTANT: Use a bar or block to rotate jaw when opening or closing the locking mechanism. When locking the jaw, stand clear of the release handle as it retracts rapidly during lockup.

CAUTION Lock is spring-loaded. Prevent injury by keeping hands away from lock and jaw which, if not avoided, could result in serious injury to hands or fingers.

Figure 21



2. Remove the clinch pin (*Figure 22*) and completely remove the eccentric jaw pin (*Figures 23 and 24*).

Figure 22



Figure 23

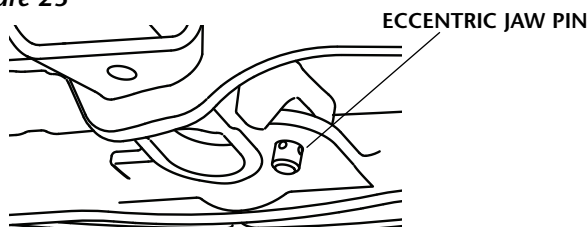
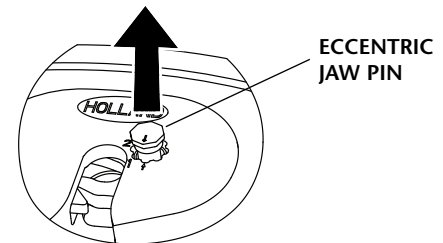
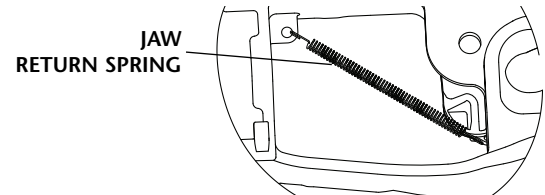


Figure 24



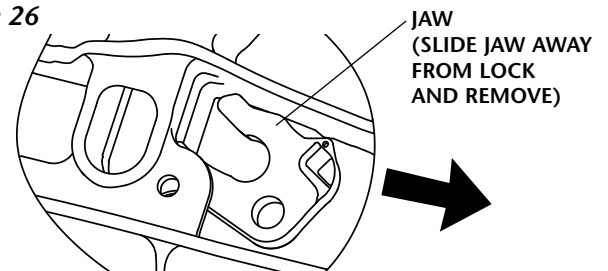
3. Remove the jaw return spring on the Simplex SE model by unhooking it from jaw and casting tab (*Figure 25*).

Figure 25



4. Slide the jaw away from the lock and remove from the underside of the fifth wheel plate casting (*Figure 26*).

Figure 26



Assembly

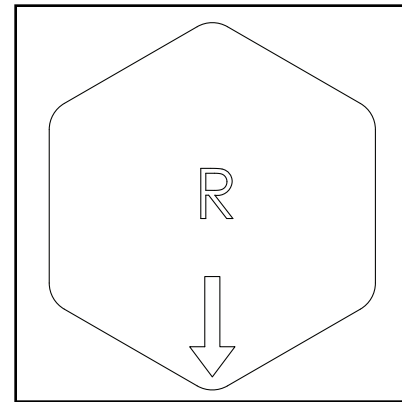
1. Clean and lubricate the fifth wheel plate jaw area and the replacement jaw.
2. Reassemble the parts in the reverse order of disassembly. **NOTE:** Position the eccentric jaw pin with its arrow pointing to the arrow on the fifth wheel plate casting.
3. Reinstall the clinch pin.
4. Perform Steps 1 through 4g in the section "Jaw/Kingpin Clearance Adjustment" beginning on page 5.

SERVICE TIP: OVERSIZE ADJUSTMENT PIN

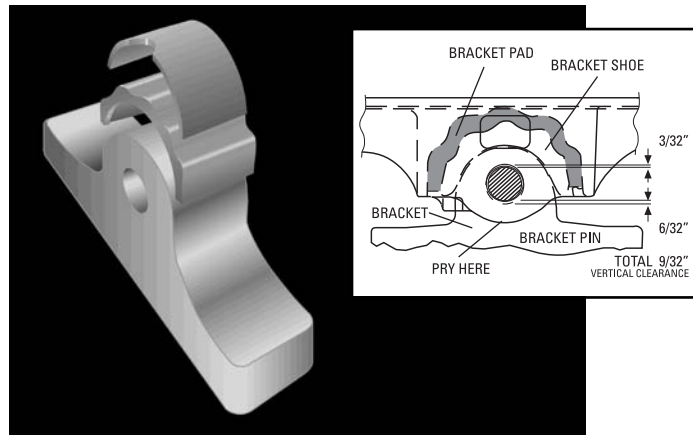
In some situations the hex in the top plate may be worn by the eccentric pin. This wear can be compensated for with the use of the oversize eccentric pin. The hex head of the oversize pin is $1/16$ " larger than the hex head on the standard eccentric pin. The oversize pin is identified by a "R" stamped on the head of the pin (*Figure 27*).

If adequate wear has not occurred, use the standard adjustment pin. Do not force the oversize pin into the top plate. The oversize pin is only available for the six point adjustment pin. The HOLLAND part number for the kit is 4000502.

Figure 27



BRACKET CONNECTION



The bracket connection contains pads for cushioning. To avoid downward pin loading, the assembly provides a total of $9/32$ " vertical clearance.

To maintain adequate vertical cushioning, replace the polyurethane bracket pads if unloaded plate lift exceeds $5/16$ ". To check the vertical lift, put the fifth wheel plate in a horizontal position (unloaded without trailer), and lift by prying up on the plate casting to the maximum raised position. Check both sides. Replace the bracket pads if required.

If replacement is required, both sides must be replaced, even if only one side is worn.

Replace the bracket pins if their $1-1/2$ " diameter is worn down by $1/8$ ".

DO NOT measure plate lift immediately after a trailer has been coupled to the fifth wheel for an extended period of time. A temporary set of the bracket pads may have occurred. The bracket pads will recover after the fifth wheel has set without a trailer for a short period of time.

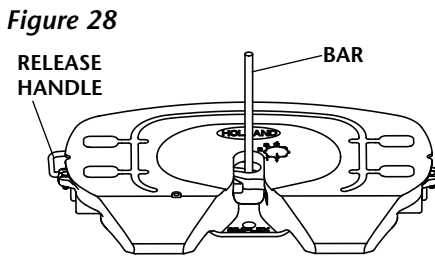
Bracket Kit Part Numbers:

NOTE: The HOLLAND Simplex II may be equipped with either steel or polyurethane (plastic) bracket shoes. The Simplex SE, II SE and Lite models are only equipped with polyurethane shoes. The steel shoe contains a hole near the top and grease fitting for lubrication. The polyurethane shoes do not have a similar hole or grease fittings as lubrication is not required.

BRACKET PAD/SHOE REMOVAL AND REPLACEMENT

Disassembly

1. Lock the fifth wheel jaw using a bar or block (Figure 28).



IMPORTANT: Use a bar or block to rotate jaw when opening or closing the locking mechanism. When locking the jaw, stand clear of the release handle as it retracts rapidly during lockup.

CAUTION Lock is spring-loaded. Prevent injury by keeping hands away from lock and jaw which, if not avoided, could result in serious injury to hands or fingers.

2. Remove the bracket pin clinch pins and the bracket pins at both sides (Figure 29). For Simplex SE models, remove the cotter and external retainer pins or nut and bolt (Figures 30a and 30b).

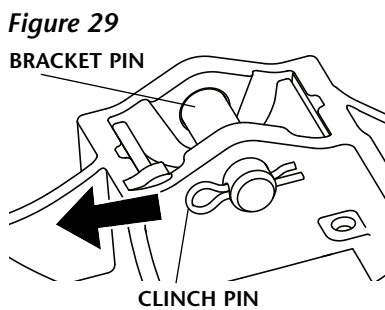


Figure 30a

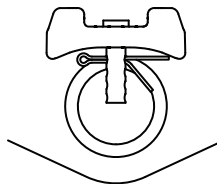
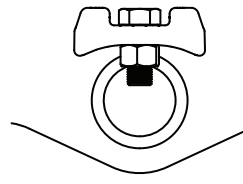


Figure 30b



3. If the pins are difficult to remove, compress the fifth wheel downward against the mounting brackets with a clamp or any other suitable means (for example, placing it under a light trailer), to relieve the load on the bracket pins.
4. Using a chain hoist, carefully turn over the fifth wheel plate assembly to expose its underside. **DO NOT** use the release handle to move or lift the fifth wheel.
5. Drive out the bracket shoes on both sides with a hammer and a drift pin (Figures 31a and 31b) or similar tools at the bracket shoe stop side of the plate casting pocket.

Figure 31a

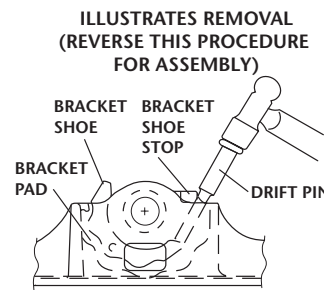
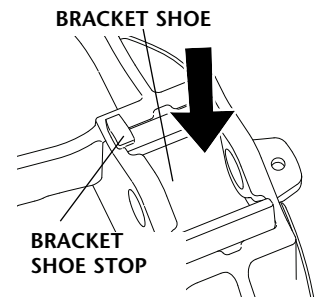


Figure 31b



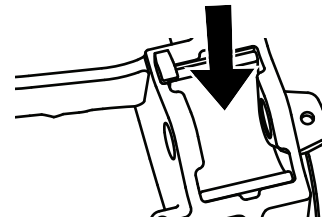
A screwdriver may be wedged between the bracket shoe and pad to assist in bracket shoe removal.

6. After removal of the bracket shoes, use a screwdriver or similar tool to pop one end of the bracket pad out of the place casting pocket and remove at both sides.

Assembly

1. Install the new bracket pads. It may be necessary to use a block and hammer to tap the bracket pads into the top plate's bracket pockets.
2. Drive the bracket shoes in place against the plate casting bracket shoe stops using a hammer (Figure 32). Lubrication is not required for polyurethane bracket shoes.

Figure 32



3. Using a chain hoist, carefully turn over the fifth wheel plate assembly and position on the mounting brackets.
4. If necessary compress the fifth wheel downward against the mounting brackets with a clamp or any other suitable means (for example, placing it under a light trailer), and install the bracket pins on both sides.
5. Install the bracket pin clinch pins in the bracket pins on both sides (reverse of Figure 29). The clinch pins must not be jammed against the cover plate or casting. On the Simplex SE models install the external bracket pin, retainer and cotter pins or nut and bolt.
6. To assure that the fifth wheel locks properly, perform the appropriate (air-ride suspension or non-air ride suspension) Coupling Procedures in the "Simplex SE and Simplex II SE Operating Instructions" manual (XL-FW458).

SERVICE TIP: BRACKET PAD THICKNESS

Bracket pads are available in three different thicknesses to compensate for wear and casting variations. The standard bracket pad is .38" thick, but there are 2 other pad thicknesses available: .33" and .42". In the event you have excessive vertical lift with the .38" thick pad, a .42" pad should be used. It is also important that the top plate articulate smoothly and easily on the bracket pins. If binding occurs, the .33" thick pad can be used to provide extra clearance and allow for easy articulation.

Part numbers for the bracket pad kits and bracket connection kits are as follows:

NOTE: *Bracket Connection kits come with two clevis pins and two cotter pins to accommodate the SE model fifth wheels.*

#4000641 Bracket Connection Rebuild Kit w/.33" pads

#4000640 Bracket Pad Rebuild Kit w/.33" pads

#4000504 Bracket Connection Rebuild Kit w/.38" pad

#4000528 Bracket Pad Rebuild Kit w/.38" pads

#4000588 Bracket Connection Rebuild Kit w/.42" pads

#4000587 Bracket Pad Rebuild Kit w/.42" pads

HOLLAND SIMPLEX TOP PLATE REMOVAL AND REPLACEMENT PROCEDURE

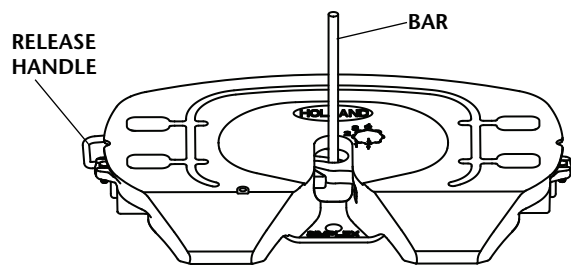
Top Plate Removal

1. Lock the fifth wheel jaw using a bar or block (Figure 33).

IMPORTANT: Use a bar or block to rotate jaw when opening or closing the locking mechanism. When locking the jaw, stand clear of the release handle as it retracts rapidly during lockup.

CAUTION Lock is spring-loaded. Prevent injury by keeping hands away from lock and jaw which, if not avoided, could result in serious injury to hands or fingers.

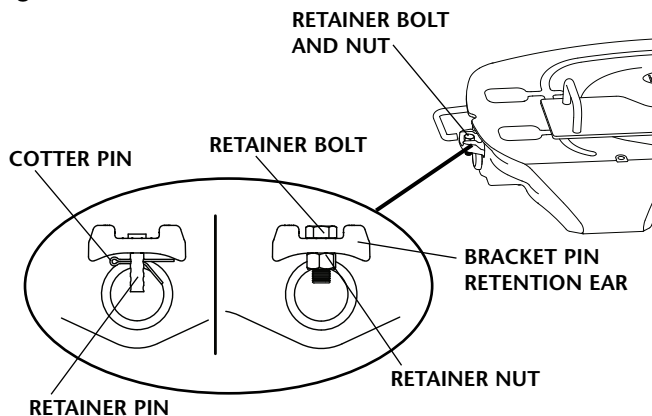
Figure 33



2. Remove the external retaining nut and bolt (Figure 34).

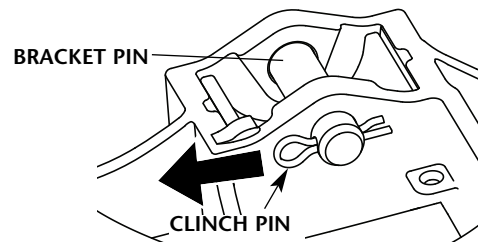
NOTE: For older Simplex SE models, remove the cotter and external retainer pins.

Figure 34



3. If present, remove bracket pin clinch pin (Figure 35). If the bracket pins are difficult to remove, compress the fifth wheel downward against the mounting brackets with a clamp or any other suitable means, to relieve the load on the bracket pins.

Figure 35



4. Attach lifting equipment capable of supporting fifth wheel top plate weight (300 lbs) to the top plate, and remove top plate from mounting brackets. **DO NOT** use release handle to lift or swing top plate.

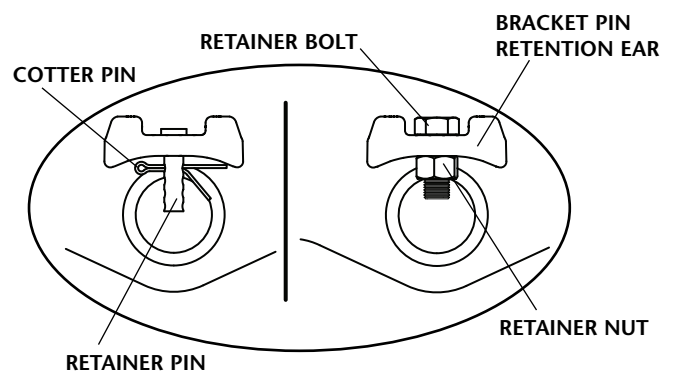
WARNING Failure to secure and control top plate during removal may result in unexpected release of top plate which, if not avoided, could result in death or serious injury.

Top Plate Replacement

1. Using a chain hoist, carefully lower fifth wheel plate assembly and position on the mounting brackets.
2. If necessary compress the fifth wheel downward against the mounting brackets with a clamp or any other suitable means, and install the bracket pins on both sides.
3. Install the external bracket pin retaining bolt and nut (Figure 36). Torque nut until it is tight against bracket pin retention ear.

NOTE: For older Simplex SE models that use a retainer pin, reinstall clinch pins through bracket pins (Figure 35), as well as retainer pin and cotter pin (Figure 36).

Figure 36

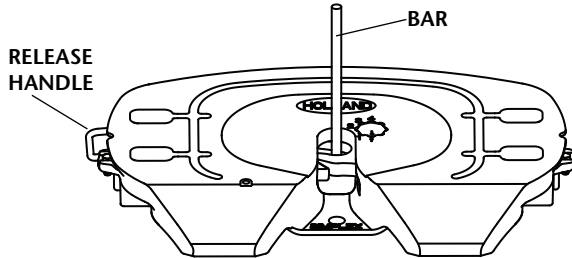


RELEASE HANDLE & SAFETY INDICATOR REMOVAL

DO NOT REMOVE THE FIFTH WHEEL FROM THE TRACTOR.

1. Lock the jaw mechanism using a bar or block (Figure 37).

Figure 37

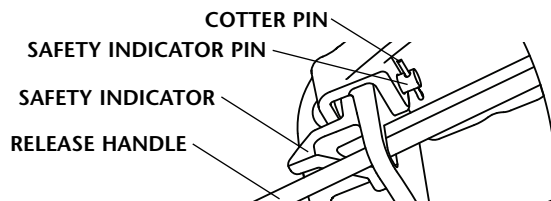


IMPORTANT: Use a bar or block to rotate jaw when opening or closing the locking mechanism. When locking the jaw, stand clear of the release handle as it retracts rapidly during lockup.

CAUTION Lock is spring-loaded. Prevent injury by keeping hands away from lock and jaw which, if not avoided, could result in serious injury to hands or fingers.

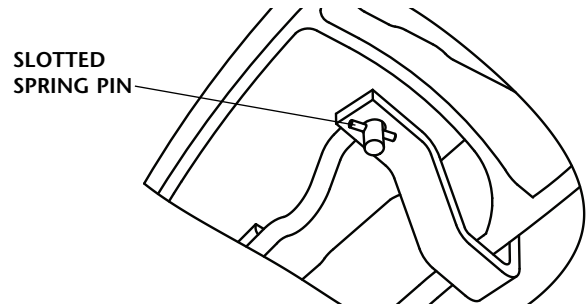
2. Remove the cotter pin from the safety indicator pin, pull the safety indicator pin out of the fifth wheel and discard the cotter pin, safety indicator pin and safety indicator (Figure 38).

Figure 38



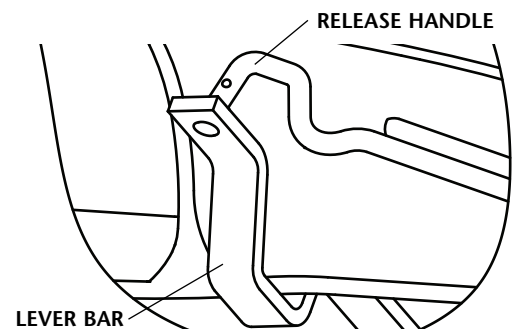
3. Remove the release handle's slotted spring pin under the top plate (Figure 39).

Figure 39



4. Separate the release handle from the lever bar (Figure 40).

Figure 40

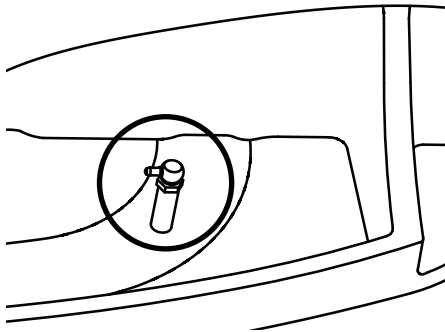


5. Reassemble the new parts in the reverse order of disassembly.
6. To assure that the fifth wheel locks properly, perform the appropriate (air ride suspension or non-air ride suspension) Coupling Procedures in the "Simplex SE and Simplex II SE Operating Instructions" manual (XL-FW458).

HOLLAND Simplex SE and HOLLAND Simplex II SE fifth wheels are equipped with polyurethane bracket shoes which **DO NOT** require lubrication at the bracket interface.

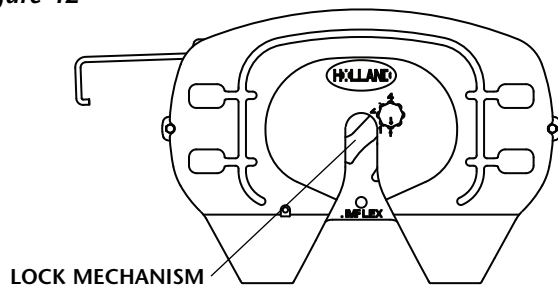
Maintain a heavy grease coating on the top surface of the wheel either through the grease fittings located on the underside of the plate casting (*Figure 41*), or by direct application.

Figure 41



Apply grease directly to the jaw and lock mechanism (*Figure 42*).

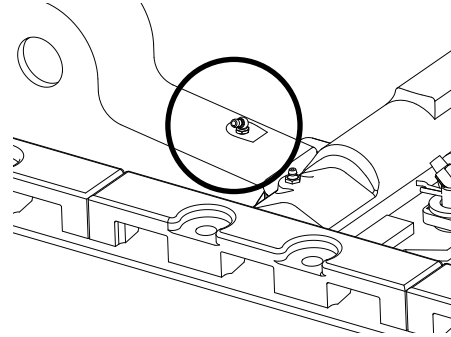
Figure 42



If installed to a Taperloc slider:

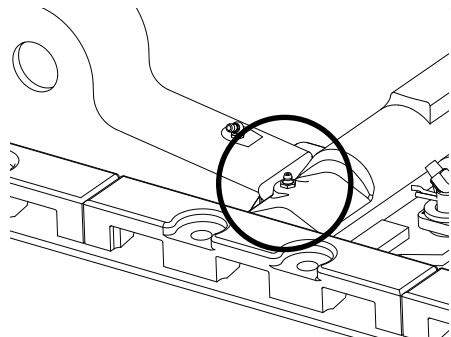
- Apply grease to the slider bracket fittings (*Figure 43*) to lubricate the sliding surfaces between the saddle and base plates.

Figure 43



- Apply grease to the slider lock pin pocket fittings to lubricate the lock pins (*Figure 44*).

Figure 44



Always relubricate after steam cleaning.
Recommended lubricant classification:
Kendall L-427 Super-Blu
Leahy-Wolf Cling Master W, L1, LC-EP-1

TAPERLOC & TOUCHLOC AIR CYLINDER INSPECTION & MAINTENANCE

Both TouchLoc and TaperLoc air cylinders operate by using air pressure to extend the cylinder and internal or external spring(s) to retract the cylinder. These cylinders are only under air pressure when the vehicle is stopped and the unlocking mechanism is activated.

It is not uncommon for these cylinders to leak a small amount of air during operation. As long as the cylinder operates the locking mechanism, this air leakage should not be a maintenance concern.

Preventive Maintenance

The TouchLoc and TaperLoc air cylinders should be checked as a part of the vehicle maintenance program. Air cylinder operation should be checked by extending and retracting the cylinder several times to verify that the cylinder properly

operates the locking mechanism. A few drops of light oil should be applied to the cylinder shaft while it is fully extended.

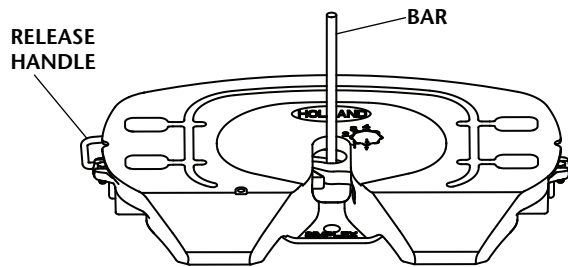
These air cylinders are located at the end of the tractor air supply system. They have the potential to collect moisture and foreign material that can both affect the operation and life of the cylinder. The effects of moisture and foreign material can be prevented or minimized with the use of an air filter and air dryer systems.

Repair and Replacement

Air cylinder repair kits or replacement air cylinders are available at your HOLLAND Simplex parts distributor. Additional information is available at www.safholland.us or by calling 888-396-6501.

1. Lock the fifth wheel jaw using a bar or block (Figure 45).

Figure 45



IMPORTANT: Use a bar or block to rotate jaw when opening or closing the locking mechanism. When locking the jaw, stand clear of the release handle as it retracts rapidly during lockup.

CAUTION Lock is spring-loaded. Prevent injury by keeping hands away from lock and jaw which, if not avoided, could result in serious injury to hands or fingers.

2. Remove the bracket pin clinch pins and the bracket pins on both sides (Figure 46). For Simplex SE models, remove the cotter and retainer pins (Figure 47a) or bracket pin retention nut and bolt (Figure 47b).

Figure 46

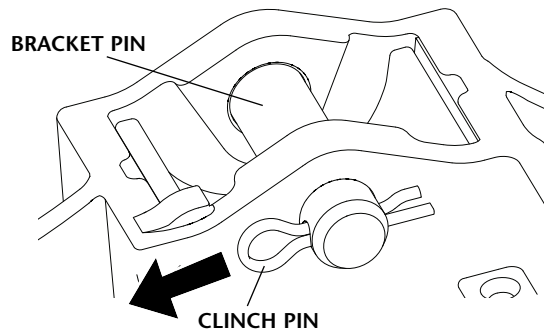


Figure 47a

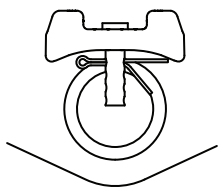
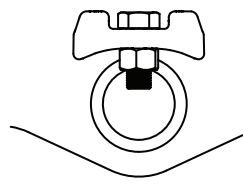


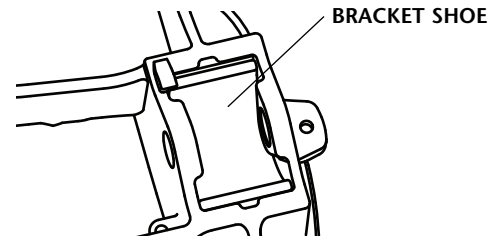
Figure 47b



NOTE: If the pins are difficult to remove, compress the fifth wheel downward against the mounting brackets with a clamp or any other suitable means (e.g., placing it under a light trailer), to relieve the load on the bracket pins.

3. Drive out the bracket shoes on both sides with a hammer and drift pin (Figure 31a) or similar tools from the bracket shoe-stop side of the top plate bracket pockets. A screwdriver may be wedged between shoe and pad for removal (Figure 48).

Figure 48



4. With a screwdriver or a similar tool, pop one end of the bracket pad out of the top plate's bracket pocket and remove on both sides.
5. Drive the slotted spring pin out of the release handle and remove the release handle (Figures 49a and 49b).

Figure 49a

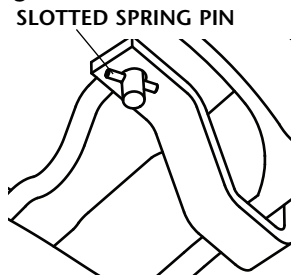
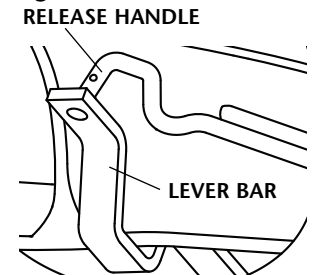


Figure 49b



6. If the wheel matches Figure 50a, then remove bolt, washer (and spacer, if present); however, if the wheel matches Figure 50b, remove the cotter pin from the lever bar pin and remove the lever bar pin.

Figure 50a

HEX-HEAD BOLT CONNECTION

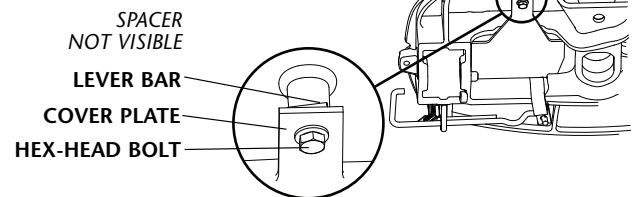
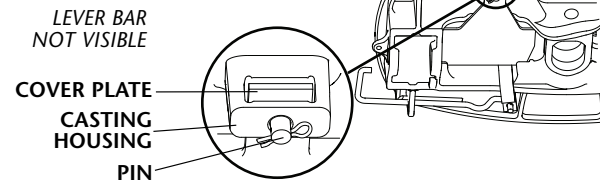


Figure 50b

PIN CONNECTION

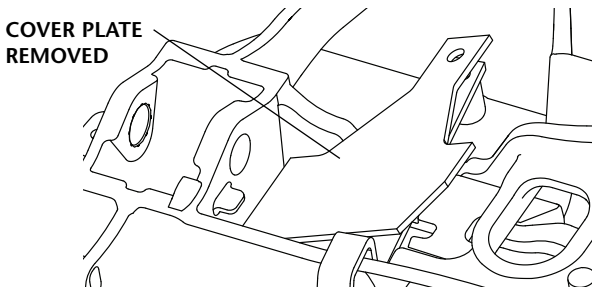


COMPLETE REBUILD (con't.)

7. For the HOLLAND Simplex and HOLLAND Simplex Lite, slide the cover plate tabs further into the bracket pocket slots, lift and remove. For HOLLAND Simplex SE Series, slide the cover plate back until clear of tabs, lift and remove (Figure 51).

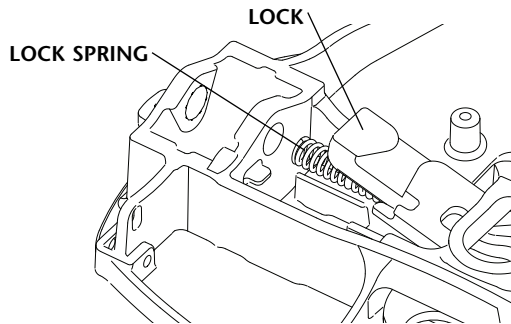
CAUTION Remove the cover plate slowly. Lock is spring-loaded. Prevent injury by keeping hands away from lock and jaw which, if not avoided, could result in serious injury to hands or fingers.

Figure 51



- 8. Remove the lever bar (not shown).
- 9. Carefully lift up on the lock and lock spring—and remove (Figure 52).

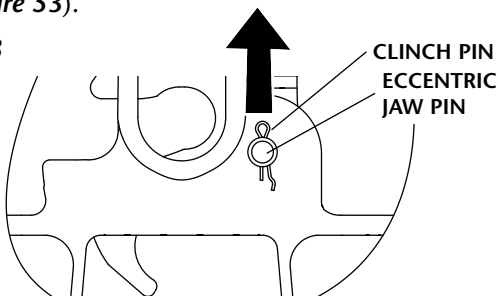
Figure 52



CAUTION Failure to control spring expansion during removal may result in minor or moderate injury.

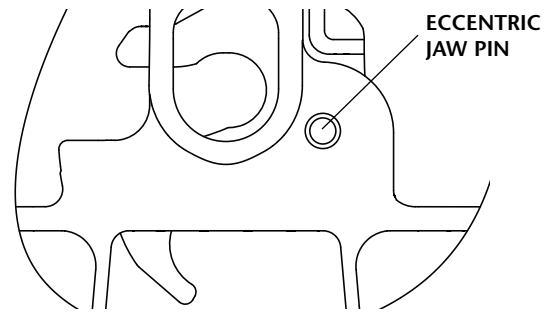
10. Remove the clinch pin from the eccentric jaw pin (Figure 53).

Figure 53



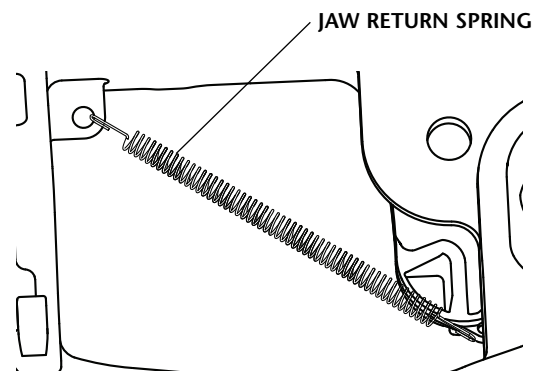
11. Reach under the fifth wheel plate to catch the eccentric jaw pin while tapping the base of the jaw pin (Figure 54).

Figure 54



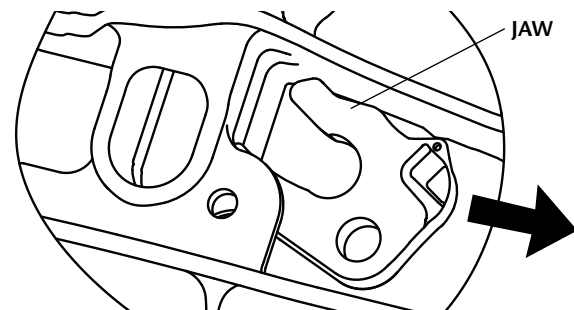
12. On Simplex SE models, remove the jaw return spring (Figure 55).

Figure 55



13. Remove the jaw by sliding it towards the jaw pin side of the fifth wheel and lifting it out (Figure 56).

Figure 56



The fifth wheel is now completely disassembled. Clean and inspect all the parts, replacing any if necessary.

Reassembly

Lubricate the fifth wheel plate lock area and the locking mechanism parts. Reassemble the parts in the reverse order of disassembly.

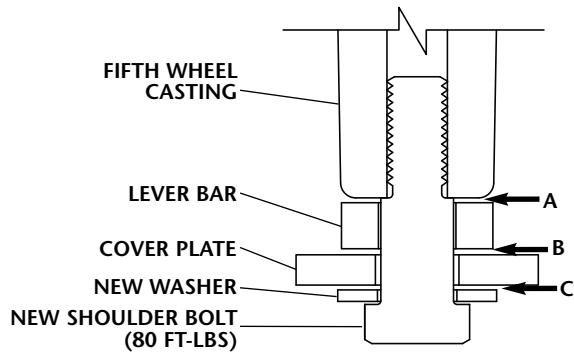
NOTE: Position the eccentric pin with its arrow pointing to the arrow on the fifth wheel plate casting. Perform Steps 1-4g in the section "Jaw/Kingpin Clearance Adjustment" of this manual.

COMPLETE REBUILD (con't.)

Reassembly *continued*

When installing the new hex-head, shoulder bolt (reverse the order of Step 6 in disassembly), refer to *Figure 57*.

Figure 57



NORMAL SPACING (A, B & C) AFTER BOLT INSTALLATION.

FREE PLAY IS THE ALLOWED VERTICAL MOVEMENT (3/16" TOTAL) IN WASHER/COVER PLATE/LEVER BAR STACK.

Fifth Wheel Adjustments

To ensure that the fifth wheel locks properly, perform the Coupling Procedures in the "SE/IISE Operating Instructions" (XL-FW458).

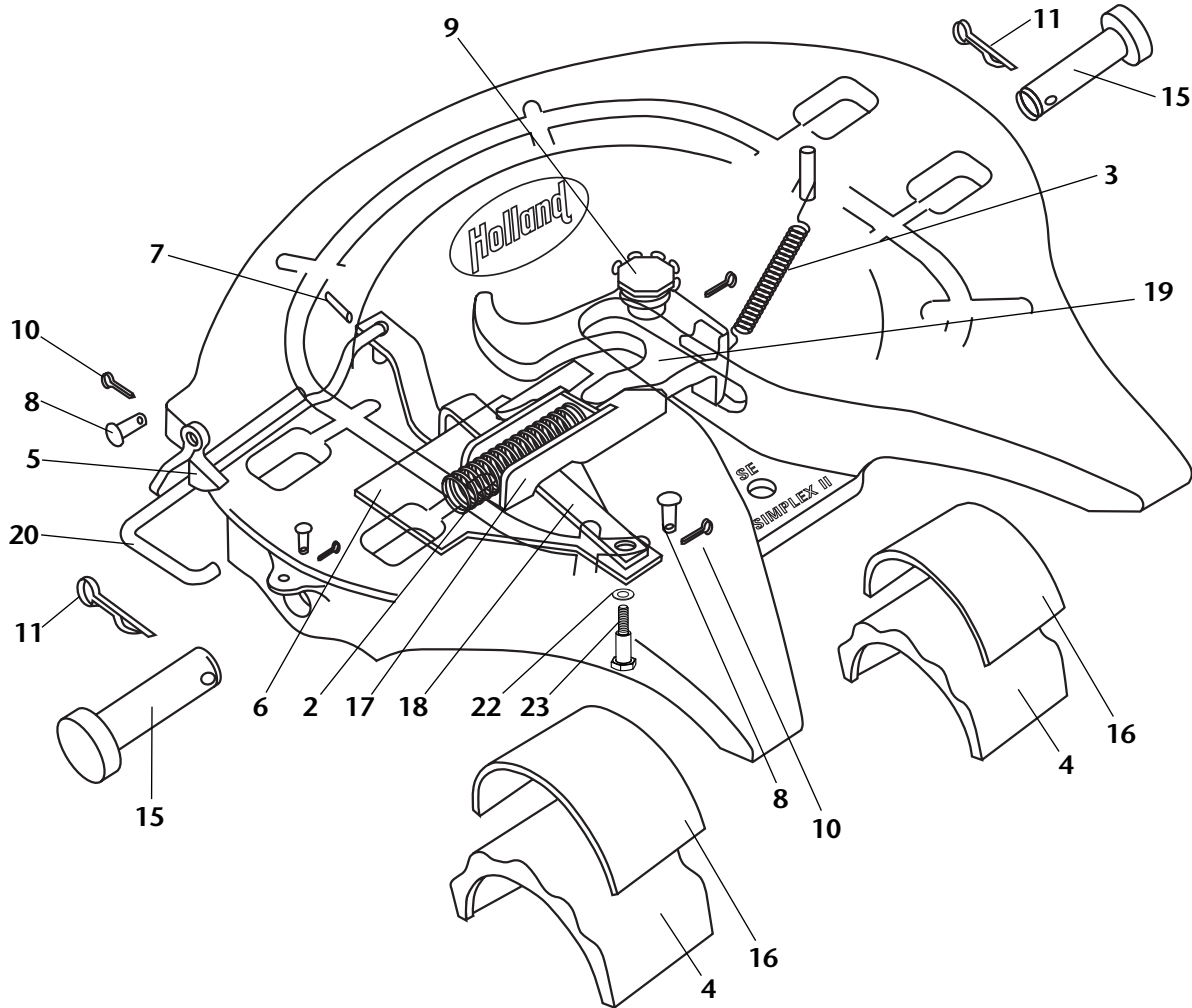
If adjustments are necessary, perform the "Jaw/Kingpin Clearance Adjustments" on page 5 of this manual.

⚠ WARNING Failure to properly operate this fifth wheel may cause tractor and trailer separation which, if not avoided, could result in death or serious injury.

If the fifth wheel does not operate properly, **DO NOT** use it! Contact SAF-HOLLAND Technical Customer Service for assistance.

This page intentionally left blank

SIMPLEX II SE® (left-hand) – SERIAL NUMBER PREFIX S2LS PARTS LIST AND REBUILD KITS



ITEM NO.	DESCRIPTION	PART NO.	BULK ITEM NO.
1	Weld Stud (not shown)	9900103	B9900103
2	Lock Spring	1200706	B1200706
3	Jaw Return Spring	1200101	B1200101
4	Bracket Shoe	4100328	B4100328
5	Safety Indicator	4100294	B4100294
6	Cover Plate	4100767	
7	Slotted Spring Pin	9900181	B9900181
8	Safety Indicator Pin	5400711	B5400711
9	Eccentric Pin	4109921	
10	Cotter Pin	84261	B84261
11	Clinch Pin	9900169	B9900169

ITEM NO.	DESCRIPTION	PART NO.	BULK ITEM NO.
12	Clinch Pin (not shown)	9900170	B9900170
13	Clevis Pin (not shown)	5400706	
14	Clevis Pin (not shown)	5400707	B5400707
15	Bracket Pin	5400705	B5400705
16	.38" Bracket Pad	4100329	B4100329
17	Lock	4109931	B4109931
18	Lever Bar	4100373	
19	Jaw	4109939	
20	Operating Rod	4100420	B4100420
21	Grease Fitting (not shown)	84787	B84787
22	Washer	XB-T-199	
23	Shoulder Bolt	XB-11127	

Items Not Shown in Illustration

DESCRIPTION	PART NO.	BULK ITEM NO.
.33" Bracket Pad	4100339	B4100339

DESCRIPTION	PART NO.	BULK ITEM NO.
.42" Bracket Pad	4100376	B4100376

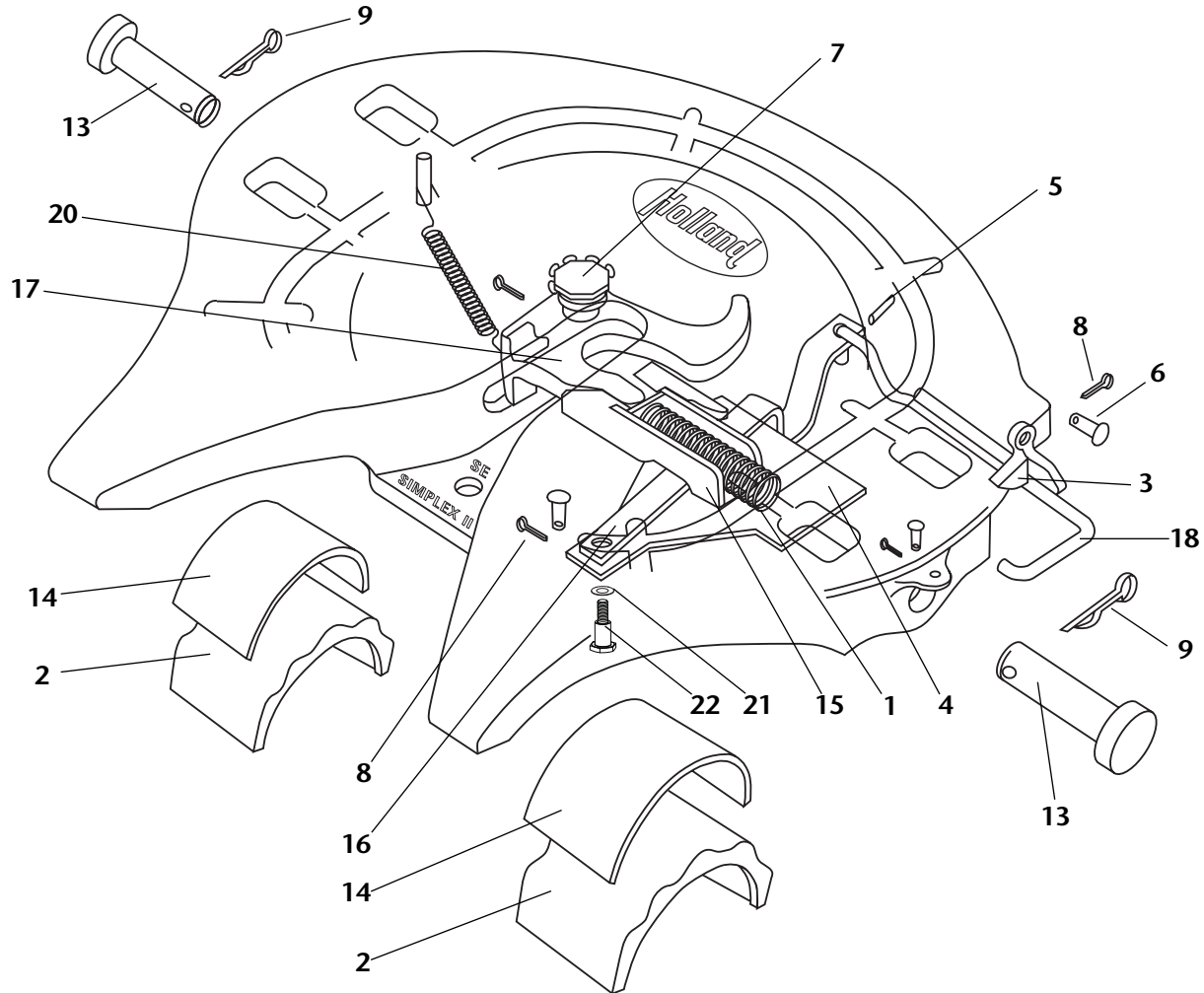
Repair Kits

KIT PART NO.	DESCRIPTION	ITEMS INCLUDED IN KIT
4000644	Jaw Kit	3,9,12,19
4000641	Bracket Connection Kit (.33" pads)	4,10,11,13-16
4000504	Bracket Connection Kit (.38" pads)	4,10,11,13-16
4000588	Bracket Connection Kit (.42" pads)	4,10-11,13-16
4000640	Bracket Pad Kit (.33" pads)	16

KIT PART NO.	DESCRIPTION	ITEMS INCLUDED IN KIT
4000528	Bracket Pad Kit (.38" pads)	16
4000587	Bracket Pad Kit (.42" pads)	16
4000647	Lock Kit	2,6,10,14,17-18
4000531	Operating Rod Kit	5,7-8,10,20

SIMPLEX II SE® (right-hand) – SERIAL NUMBER PREFIX S2R

PARTS LIST AND REBUILD KITS



ITEM NO.	DESCRIPTION	PART NO.	BULK ITEM NO.
1	Lock Spring	1200706	B1200706
2	Bracket Shoe	4100328	B4100328
3	Safety Indicator	4300312	
4	Cover Plate	4100767	
5	Slotted Spring Pin	9900181	B9900181
6	Safety Indicator Pin	5400711	B5400711
7	Eccentric Pin	4109921	
8	Cotter Pin	84261	B84261
9	Clinch Pin	9900169	B9900169
10	Clinch Pin (not shown)	900170	B9900170
11	Clevis Pin (not shown)	5400706	

ITEM NO.	DESCRIPTION	PART NO.	BULK ITEM NO.
12	Clevis Pin (not shown)	5400707	B5400707
13	Bracket Pin	5400705	B5400705
14	.38" Bracket Pad	4100329	B4100329
15	Lock	4109809	
16	Lever Bar	4100392	
17	Jaw	4109940	
18	Operating Rod	4100448	B4100448
19	Grease Fitting (not shown)	84787	B84787
20	Jaw Return Spring	1200101	B1200101
21	Washer	XB-T-199	
22	Shoulder Bolt	XB-11127	

Items Not Shown in Illustration

DESCRIPTION	PART NO.	BULK ITEM NO.
.33" Bracket Pad	4100339	B4100339

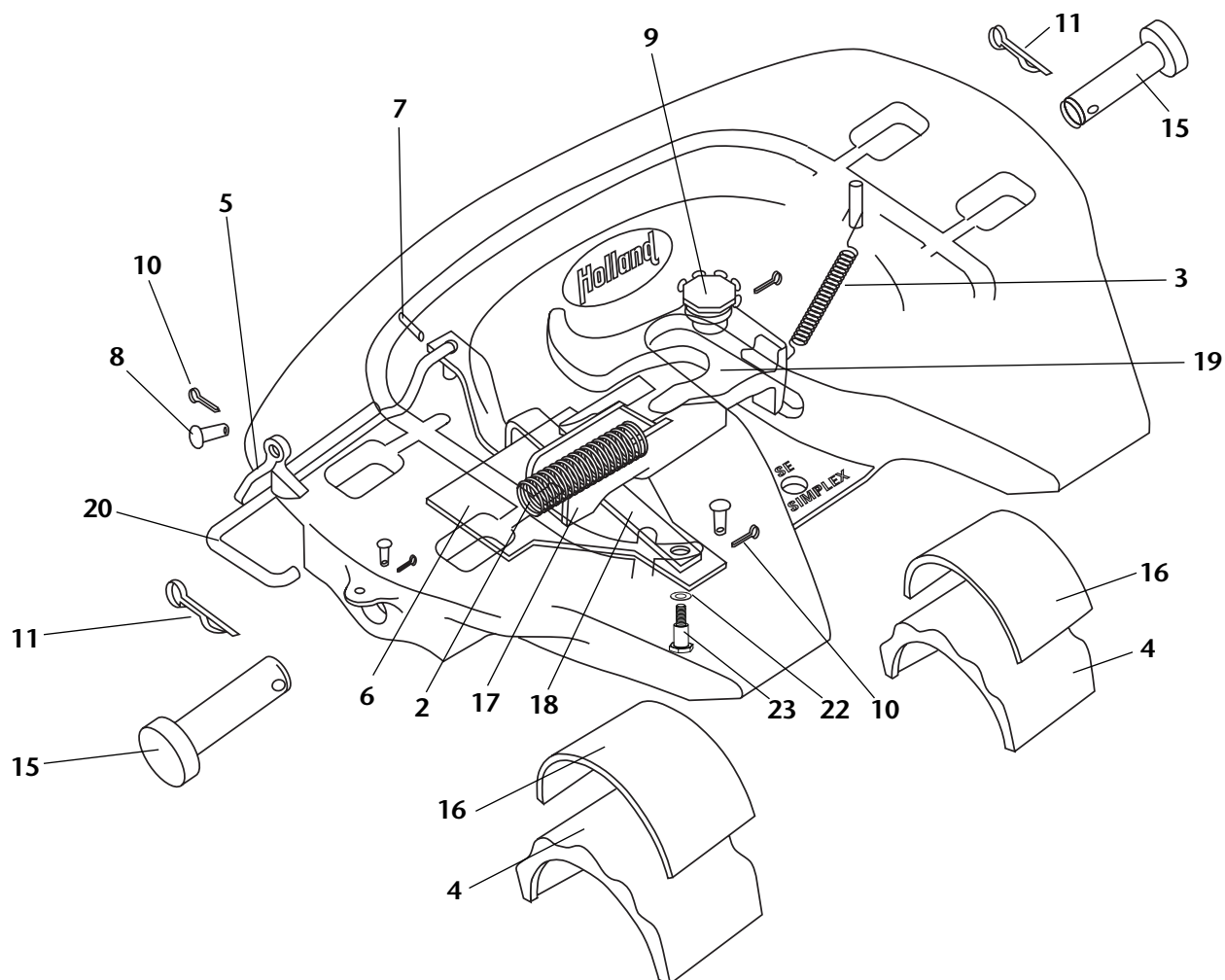
DESCRIPTION	PART NO.	BULK ITEM NO.
.42" Bracket Pad	4100376	B4100376

Repair Kits

KIT PART NO.	DESCRIPTION	ITEMS INCLUDED IN KIT
4000645	Jaw Kit	7,10,17,20
4000641	Bracket Connection Kit (.33" pads)	2,8,9,11,12-14
4000504	Bracket Connection Kit (.38" pads)	2,8,9,11,12-14
4000588	Bracket Connection Kit (.42" pads)	2,8,9,11,12-14
4000640	Bracket Pad Kit (.33" pads)	14

KIT PART NO.	DESCRIPTION	ITEMS INCLUDED IN KIT
4000528	Bracket Pad Kit (.38" pads)	14
4000587	Bracket Pad Kit (.42" pads)	14
4000648	Lock Kit	1,4,8,12,15-16
4000646	Operating Rod Kit	3,5-6,8,18

SIMPLEX SE® – SERIAL NUMBER PREFIX S1LS PARTS LIST AND REBUILD KITS



ITEM NO.	DESCRIPTION	PART NO.	BULK ITEM NO.	ITEM NO.	DESCRIPTION	PART NO.	BULK ITEM NO.
1	Weld Stud (not shown)	9900103	B9900103	12	Clinch Pin (not shown)	9900170	B9900170
2	Lock Spring	1200706	B1200706	13	Clevis Pin (not shown)	5400706	
3	Jaw Return Spring	1200101	B1200101	14	Clevis Pin (not shown)	5400707	B5400707
4	Bracket Shoe	4100328	B4100328	15	Bracket Pin	5400705	B5400705
5	Safety indicator	4100294	B4100294	16	.38" Bracket Pad	4100329	B4100329
6	Cover Plate	4100767		17	Lock	4109931	B4109931
7	Slotted Spring Pin	9900181	B9900181	18	Lever Bar	4100373	
8	Safety Indicator Pin	5400711	B5400711	19	Jaw	4109939	
9	Eccentric Pin	4109921		20	Operating Rod	4100420	B4100420
10	Cotter Pin	84261	B84261	21	Grease Fitting (not shown)	84787	B84787
11	Clinch Pin	9900169	B9900169	22	Washer	XB-T-199	
				23	Shoulder Bolt	XB-11127	

Items Not Shown in Illustration

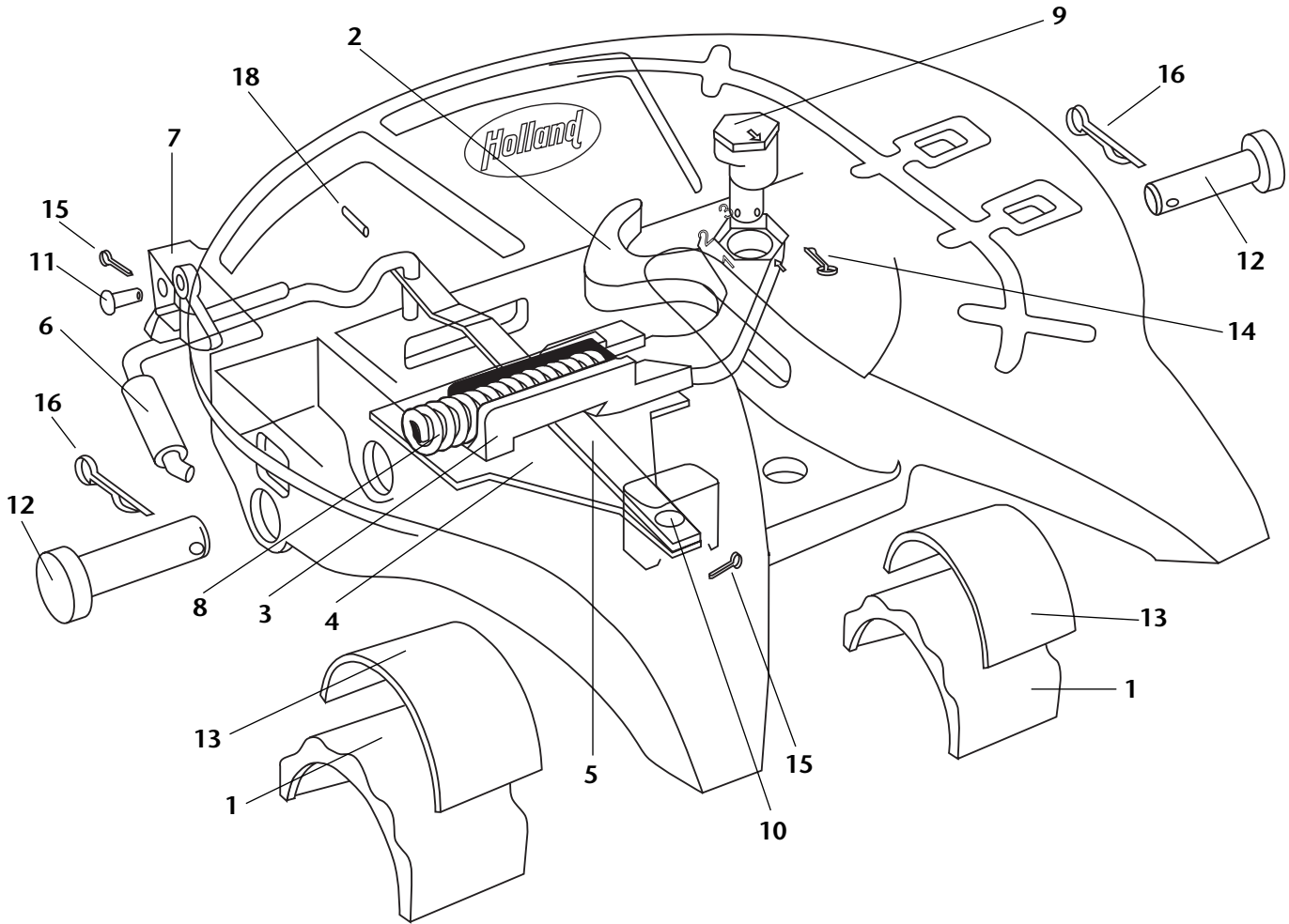
DESCRIPTION	PART NO.	BULK ITEM NO.	DESCRIPTION	PART NO.	BULK ITEM NO.
.33" Bracket Pad	4100339	B4100339	.42" Bracket Pad	4100376	B4100376

Repair Kits

KIT PART NO.	DESCRIPTION	ITEMS INCLUDED IN KIT	KIT PART NO.	DESCRIPTION	ITEMS INCLUDED IN KIT
4000644	Jaw Kit	3,9,12,19	4000528	Bracket Pad Kit (.38" pads)	16
4000641	Bracket Connection Kit (.33" pads)	4,10,11,13-16	4000587	Bracket Pad Kit (.42" pads)	16
4000504	Bracket Connection Kit (.38" pads)	4,10,11,13-16	4000647	Lock Kit	2,6,10,14,17-18
4000588	Bracket Connection Kit (.42" pads)	4,10,11,13-16	4000509	Operating Rod Kit	5,7-8,10,20
4000640	Bracket Pad Kit (.33" pads)	16			

SIMPLEX II® – SERIAL NUMBER PREFIX LSL or SL

PARTS LIST AND REBUILD KITS



ITEM NO.	DESCRIPTION	PART NO.	BULK ITEM NO.
1	Bracket Shoe	4100328	B4100328
2	Jaw *	4109939	
3	Lock	4109931	B4109931
4	Cover Plate	4100767	
5	Lever Bar	4100712	
6	Operating Rod	4100342	B4100342
7	Safety Indicator	4100294	
8	Lock Spring	1200706	B1200706
9	Eccentric Pin	4109916	

ITEM NO.	DESCRIPTION	PART NO.	BULK ITEM NO.
10	Lever Bar Pin	5400766	B5400766
11	Safety Indicator Pin	5400711	B5400711
12	Bracket Pin	5400705	B5400705
13	.38" Bracket Pad	4100329	B4100329
14	Clinch Pin	9900170	B9900170
15	Cotter Pin	84261	B84261
16	Clinch Pin	9900169	B9900169
17	Grease Fitting (not shown)	84787	B84787
18	Slotted Spring Pin	9900181	B9900181

* NOTE: The current jaw 4109939, replaces the previous design jaw 4109930.

Items Not Shown in Illustration

DESCRIPTION	PART NO.	BULK ITEM NO.
.33" Bracket Pad	4100339	B4100339
.42" Bracket Pad	4100376	B4100376

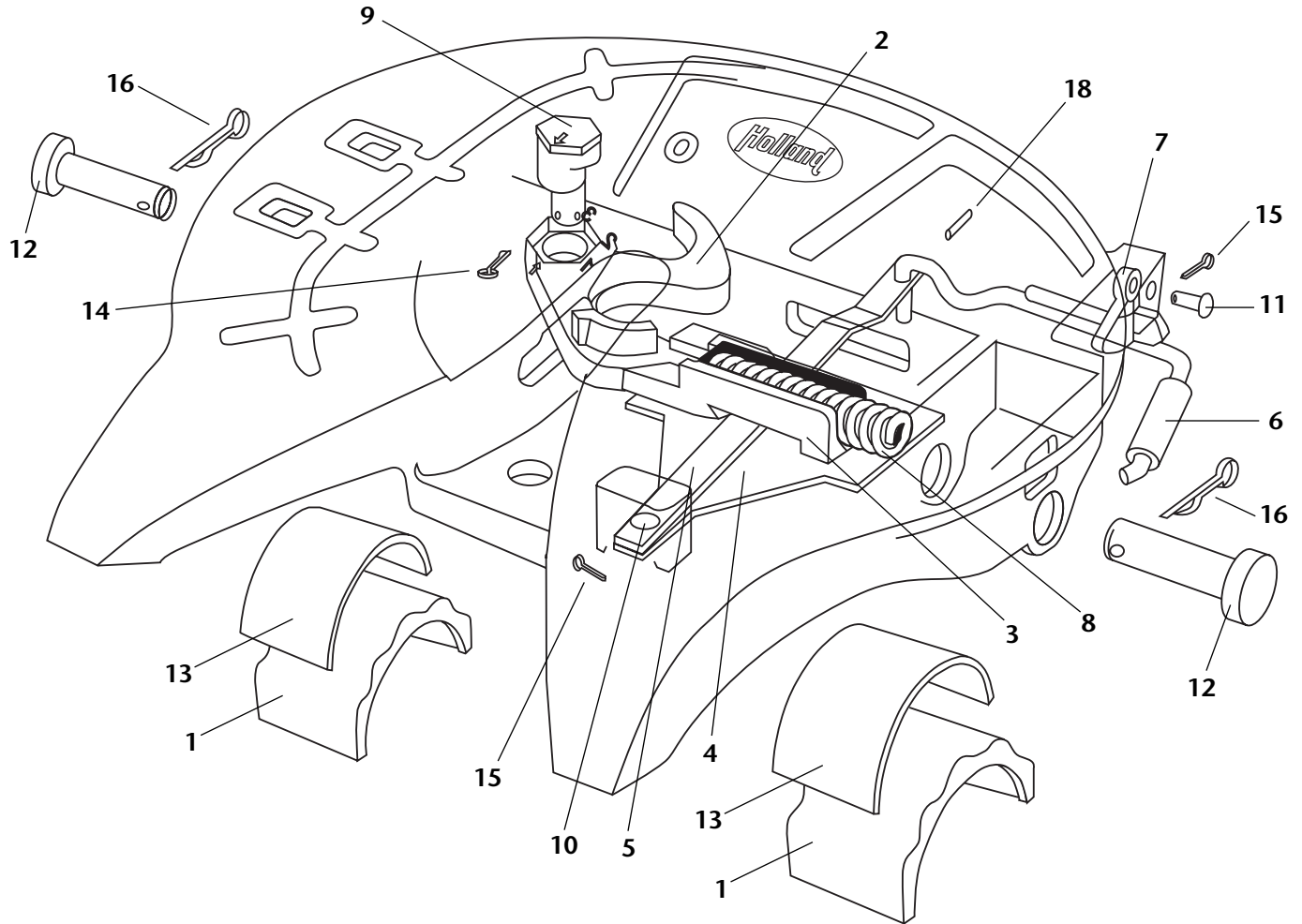
DESCRIPTION	PART NO.	BULK ITEM NO.
Oversize Jaw Pin	4109977	B4109977
Safety Indicator	4100374	B4100374

Repair Kits

KIT PART NO.	DESCRIPTION	ITEMS INCLUDED IN KIT
4000501	Jaw Kit - Standard Eccentric Pin	2,9,14
4000502	Jaw Kit - Oversize Eccentric Pin	2,9,14
4000641	Bracket Connection Kit (.33" pads)	1,12-13,16
4000504	Bracket Connection Kit (.38" pads)	1,12-13,16
4000588	Bracket Connection Kit (.42" pads)	1,12-13,16

KIT PART NO.	DESCRIPTION	ITEMS INCLUDED IN KIT
4000640	Bracket Pad Kit (.33" pads)	13
4000528	Bracket Pad Kit (.38" pads)	13
4000587	Bracket Pad Kit (.42" pads)	13
4000572	Lock Kit	3-5,8,10,15
4000509	Operating Rod Kit	6-7,11,15,18

SIMPLEX II® RH – SERIAL NUMBER PREFIX SR PARTS LIST AND REBUILD KITS



ITEM NO.	DESCRIPTION	PART NO.	BULK ITEM NO.
1	Bracket Shoe	4100328	B4100328
2	Jaw *	4109940	
3	Lock	4109808	
4	Cover Plate	4100767	
5	Lever Bar	4100712	
6	Operating Rod	4100441	B4100441
7	Safety Indicator	4100428	B4100428
8	Lock Spring	1200706	B1200706
9	Eccentric Pin	4109916	

ITEM NO.	DESCRIPTION	PART NO.	BULK ITEM NO.
10	Lever Bar Pin	5400766	B5400766
11	Safety Indicator Pin	5400711	B5400711
12	Bracket Pin	5400705	B5400705
13	.38" Bracket Pad	4100329	B4100329
14	Clinch Pin	9900170	B9900170
15	Cotter Pin	84261	B84261
16	Clinch Pin	9900169	B9900169
17	Grease Fitting (not shown)	84787	B84787
18	Slotted Spring Pin	9900181	B9900181

* NOTE: The current jaw 4109940, replaces the previous design jaw 4109920.

Items Not Shown in Illustration

DESCRIPTION	PART NO.	BULK ITEM NO.
.33" Bracket Pad	4100339	B4100339
.42" Bracket Pad	4100376	B4100376

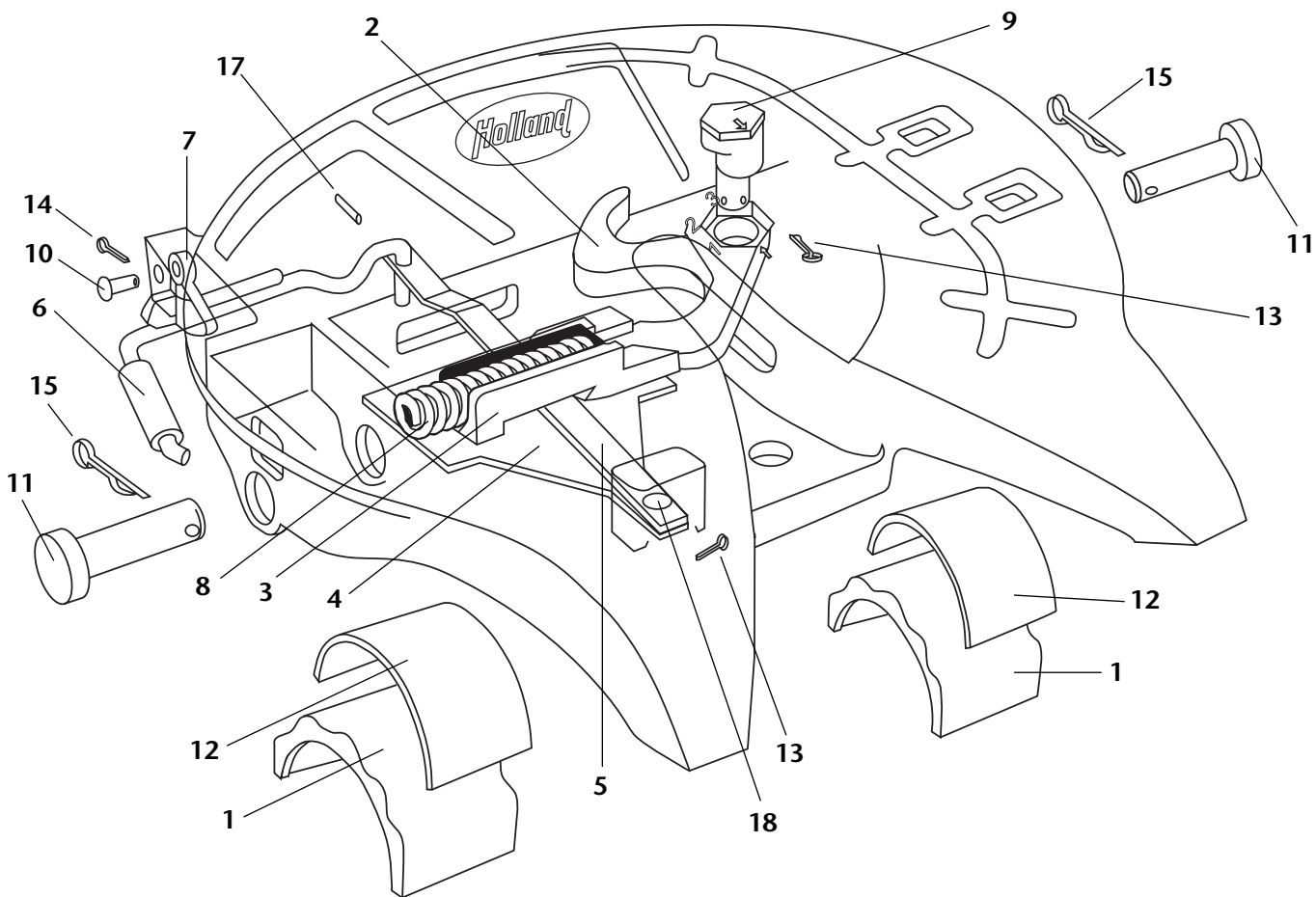
DESCRIPTION	PART NO.	BULK ITEM NO.
Safety Indicator	4100374	B4100374

Repair Kits

KIT PART NO.	DESCRIPTION	ITEMS INCLUDED IN KIT
4000503	Jaw Kit - Standard Eccentric Pin	2,9,14
4000523	Jaw Kit - Oversize Eccentric Pin	2,9,14
4000641	Bracket Connection Kit (.33" pads)	1,12-13,16
4000504	Bracket Connection Kit (.38" pads)	1,12-13,16
4000588	Bracket Connection Kit (.42" pads)	1,12-13,16

KIT PART NO.	DESCRIPTION	ITEMS INCLUDED IN KIT
4000640	Bracket Pad Kit (.33" pads)	13
4000528	Bracket Pad Kit (.38" pads)	13
4000587	Bracket Pad Kit (.42" pads)	13
4000574	Lock Kit	3-5,8,10,15
4000512	Operating Rod Kit	6-7,11,15,18

SIMPLEX® FORMERLY SIMPLEX LITE STRAIGHT PULL – SERIAL NUMBER PREFIX LSLS OR SLS PARTS LIST AND REBUILD KITS



ITEM NO.	DESCRIPTION	PART NO.	BULK ITEM NO.
1	Bracket Shoe	4100328	B4100328
2	Jaw	4109939	
3	Lock	4109931	B4109931
4	Cover Plate	4100155	
5	Lever Bar	4100373	
6	Operating Rod	4100420	B4100420
7	Safety Indicator	4100294	B4100294
8	Lock Spring	1200706	B1200706
9	Eccentric Pin	4109916	

ITEM NO.	DESCRIPTION	PART NO.	BULK ITEM NO.
10	Safety Indicator Pin	5400711	B5400711
11	Bracket Pin	5400705	B5400705
12	.38" Bracket Pad	4100329	B4100329
13	Clinch Pin	9900170	B9900170
14	Cotter Pin	84261	B84261
15	Clinch Pin	9900169	B9900169
16	Grease Fitting (not shown)	84787	B84787
17	Slotted Spring Pin	9900181	B9900181
18	Lever Bar Pin	4000250	

Items Not Shown in Illustration

DESCRIPTION	PART NO.	BULK ITEM NO.
Safety Indicator	4101250	B4101250
Non-TouchLoc Operating Rod	4100332	B4100332
Oversize Jaw Pin	4109977	B4109977

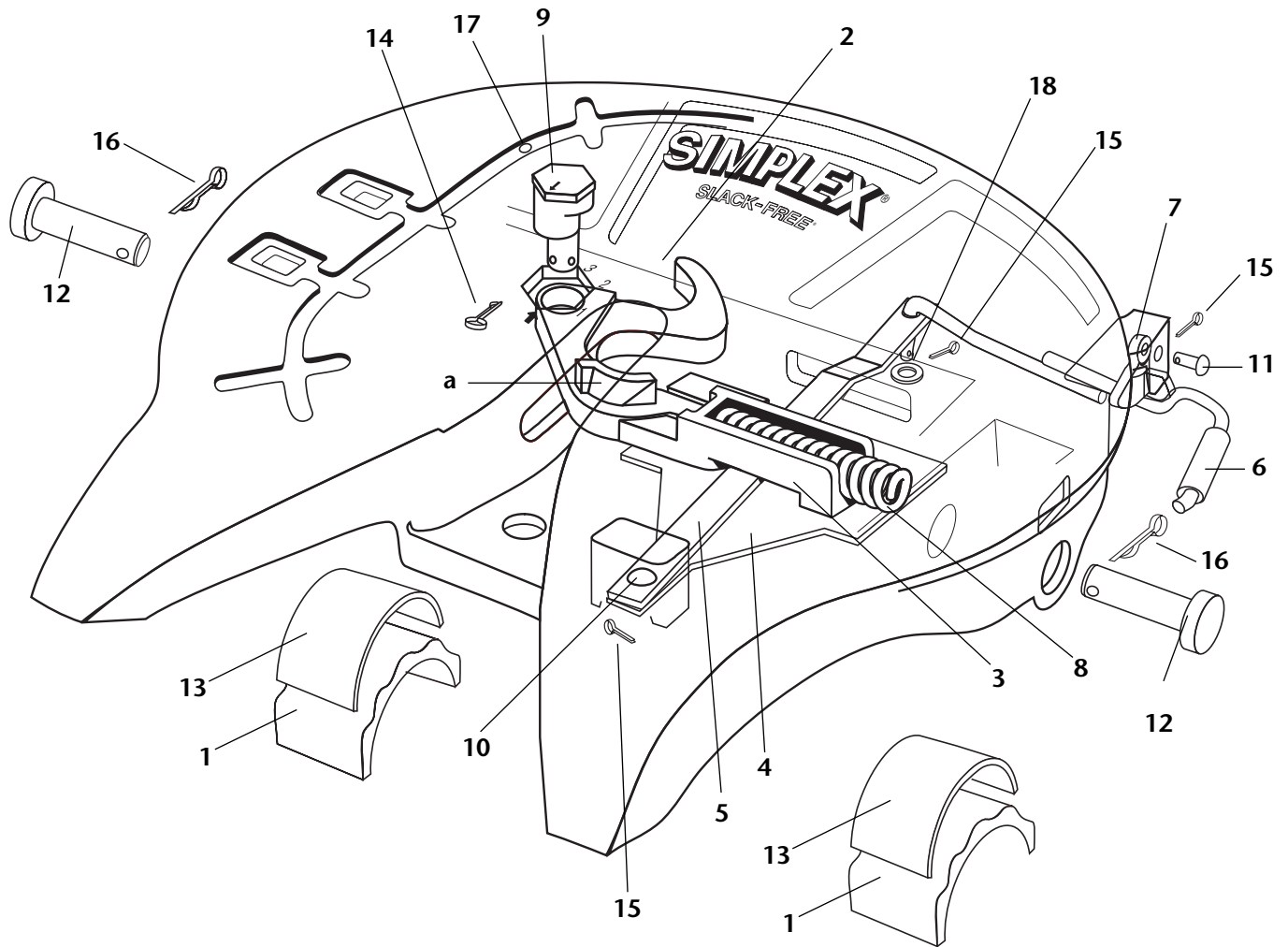
DESCRIPTION	PART NO.	BULK ITEM NO.
.33" Bracket Pad	4100339	B4100339
.42" Bracket Pad	4100376	B4100376

Repair Kits

KIT PART NO.	DESCRIPTION	ITEMS INCLUDED IN KIT
4000501	Jaw Kit - Standard Eccentric Pin	2,9,13
4000502	Jaw Kit - Oversize Eccentric Pin	2,9,13
4000641	Bracket Connection Kit (.33" pads)	1,11-12,15
4000504	Bracket Connection Kit (.38" pads)	1,11-12,15
4000588	Bracket Connection Kit (.42" pads)	1,11-12,15
4000640	Bracket Connection Kit (.33" pads)	12

KIT PART NO.	DESCRIPTION	ITEMS INCLUDED IN KIT
4000528	Bracket Pad Kit (.38" pads)	13
4000587	Bracket Pad Kit (.42" pads)	13
4000570	Lock Kit	3-5,8,13,18
4000531	Operating Rod Kit for TouchLoc	6-7,10,14,17
4000507	Operating Rod Kit	6-7,10,14,17

SIMPLEX® RH – SERIAL NUMBER PREFIX SR PARTS LIST AND REBUILD KITS



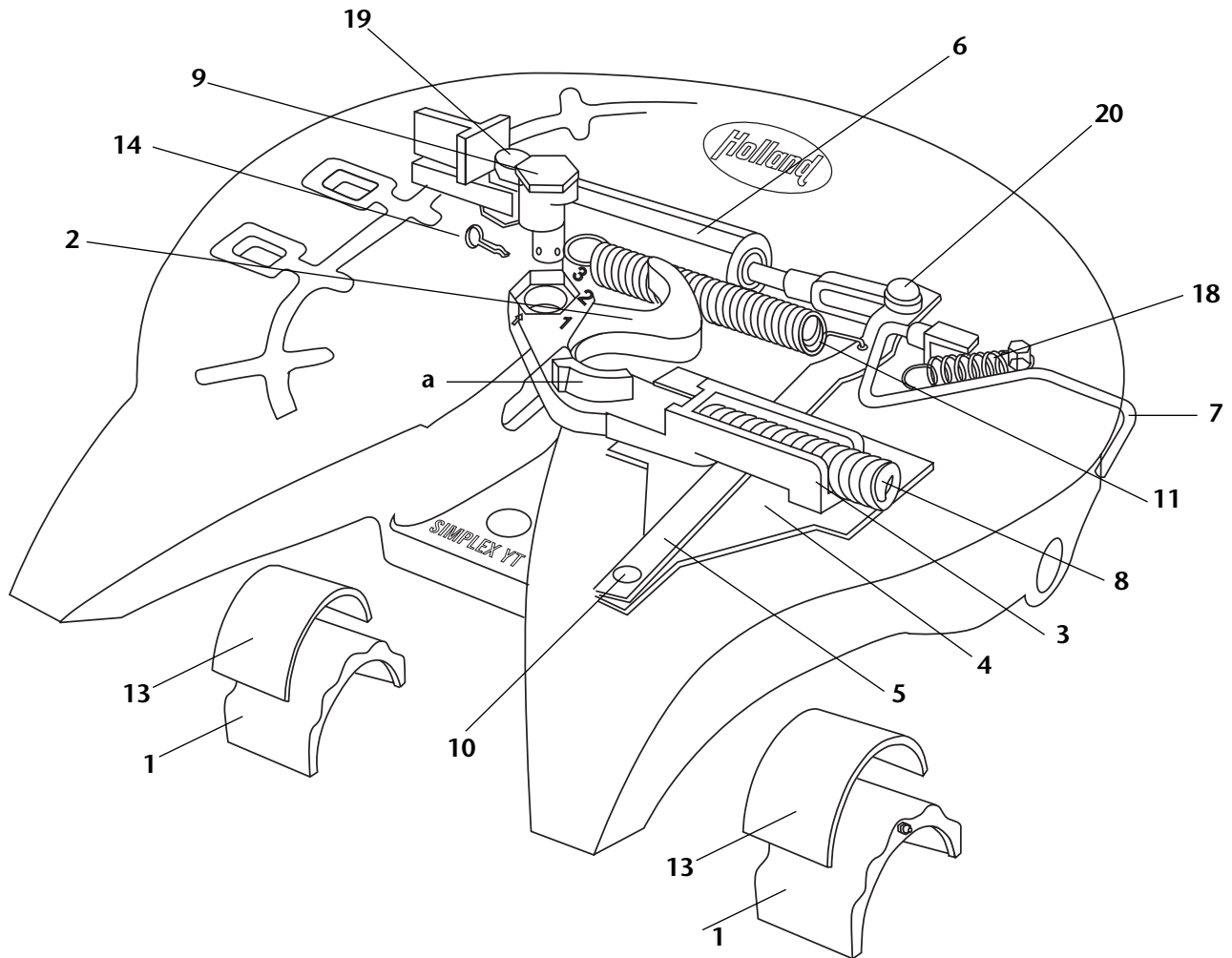
ITEM NO.	DESCRIPTION	PART NO.	BULK ITEM NO.	ITEM NO.	DESCRIPTION	PART NO.	BULK ITEM NO.
1	Bracket Shoe	4109811	B4109811	10	Lever Bar Pin	5400766	B5400766
2	Jaw *	4109940		11	Safety Indicator Pin	5400711	B5400711
3	Lock	4109808		12	Bracket Pin	5400705	B5400705
4	Cover Plate	4100767		13	Bracket Pad	4100358	B4100358
5	Lever Bar	4100712		14	Clinch Pin	9900170	B9900170
6	Operating Rod	4100350	B4100350	15	Cotter Pin	84261	B84261
7	Safety Indicator	4109812	B4109812	16	Clinch Pin	9900169	B9900169
8	Lock Spring	1200706	B1200706	17	Grease Fitting (not shown)	84787	B84787
9	Eccentric Pin	4109916		18	Washer	9900846	B9900846

* NOTE: The current jaw 4109940, which replaces the previous design jaw 4109920, does not contain the lug "a" as pictured above.

Repair Kits

KIT PART NO.	DESCRIPTION	ITEMS INCLUDED IN KIT	KIT PART NO.	DESCRIPTION	ITEMS INCLUDED IN KIT
4000503	Jaw Kit - Standard Eccentric Pin	2,9,14	4000529	Bracket Pad Kit (.578" pads)	13
4000523	Jaw Kit - Oversize Eccentric Pin	2,9,14	4000511	Operating Rod Kit	6-7,11,15,18
4000505	Bracket Connection Kit (.578" pads)	1,12-13,16	4000574	Lock Kit	3-5,8,10,15

SIMPLEX® YARD TRACTOR WITH LOCKOUT – SERIAL NUMBER PREFIX SA PARTS LIST AND REBUILD KITS



ITEM NO.	DESCRIPTION	PART NO.	BULK ITEM NO.
1	Bracket Shoe	4109811	B4109811
2	Jaw *	4109940	
3	Lock	4109808	
4	Cover Plate	4100767	
5	Lever Bar	4100211	
6	Air Cylinder	4100338	
7	Lockout Cylinder Rod	4100206	
8	Lock Spring	1200706	B1200706
9	Eccentric Pin	4109916	
10	Lever Bar Pin	5400766	B5400766
11	Extension Spring	4100212	B4100212

ITEM NO.	DESCRIPTION	PART NO.	BULK ITEM NO.
12	Bracket Pin (not shown)	5400705	B5400705
13	Bracket Pad	4100358	B4100358
14	Clinch Pin (not shown)	9900170	B9900170
15	Cotter Pin (not shown)	84261	B84261
16	Clinch Pin (not shown)	9900169	B9900169
17	Grease Fitting (not shown)	84787	B84787
18	Extension Spring	4100333	
19	Clevis	9900177	
20	Clevis Pin	5400219	

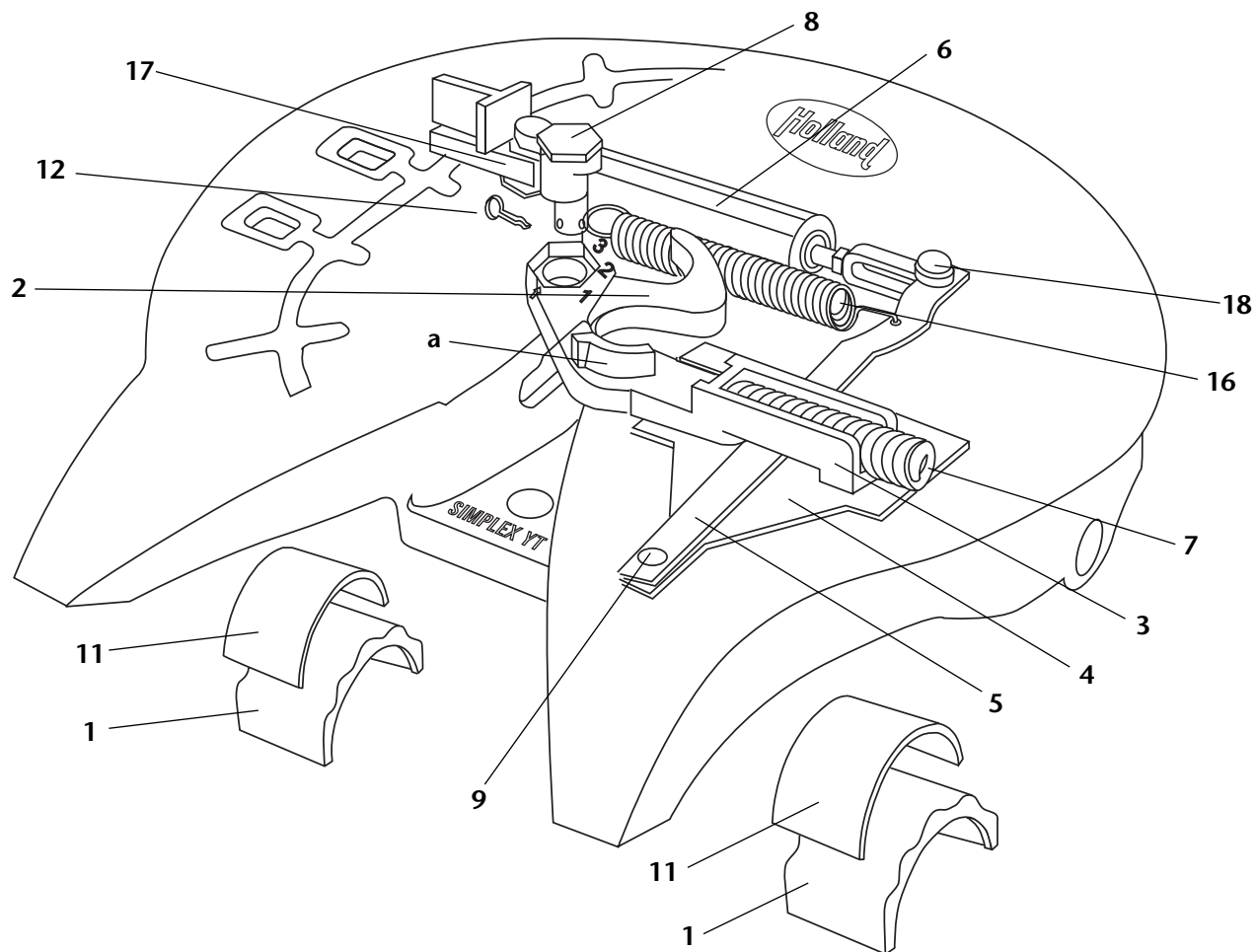
* NOTE: The current jaw 4109940, which replaces the previous design jaw 4109920, does not contain the lug "a" as pictured above.

Repair Kits

KIT PART NO.	DESCRIPTION	ITEMS INCLUDED IN KIT
4000503	Jaw Kit - Standard Eccentric Pin	2,9,14
4000523	Jaw Kit - Oversize Eccentric Pin	2,9,14
4000505	Bracket Connection Kit (.578" pads)	1,12-13,16

KIT PART NO.	DESCRIPTION	ITEMS INCLUDED IN KIT
4000529	Bracket Pad Kit (.578" pads)	13
4000513	Rebuild Kit	1-21
4000223	Air Cylinder Repair Kit	Not Shown

SIMPLEX® YARD TRACTOR WITHOUT LOCKOUT – SERIAL NUMBER PREFIX SA PARTS LIST AND REBUILD KITS



ITEM NO.	DESCRIPTION	PART NO.	BULK ITEM NO.
1	Bracket Shoe	4109811	B4109811
2	Jaw *	4109940	
3	Lock	4109808	
4	Cover Plate	4100767	
5	Lever Bar	4100215	
6	Air Cylinder	4100338	
7	Lock Spring	1200706	B1200706
8	Eccentric Pin	4109916	
9	Lever Bar Pin	5400766	B5400766
10	Bracket Pin (not shown)	5400705	B5400705

ITEM NO.	DESCRIPTION	PART NO.	BULK ITEM NO.
11	Bracket Pad	4100358	B4100358
12	Clinch Pin	9900170	B9900170
13	Cotter Pin (not shown)	84261	B84261
14	Clinch Pin (not shown)	9900169	B9900169
15	Grease Fitting (not shown)	84787	B84787
16	Extension Spring	4100333	B4100333
17	Clevis	9900177	
18	Clevis Pin	5400219	

* NOTE: The current jaw 4109940, which replaces the previous design jaw 4109920, does not contain the lug "a" as pictured above.

Repair Kits

KIT PART NO.	DESCRIPTION	ITEMS INCLUDED IN KIT
4000503	Jaw Kit - Standard Eccentric Pin	2,8,12
4000523	Jaw Kit - Oversize Eccentric Pin	2,8,12
4000505	Bracket Connection Kit (.578" pads)	1,10-11,14

KIT PART NO.	DESCRIPTION	ITEMS INCLUDED IN KIT
4000529	Bracket Pad Kit (.578" pads)	11
4000500	Rebuild Kit	1-19
4000223	Air Cylinder Repaid Kit	Not Shown

TROUBLESHOOTING GUIDE

FIFTH WHEEL IS DIFFICULT TO COUPLE TO TRAILER

POSSIBLE CAUSE

1. Eccentric jaw pin is overadjusted for kingpin slack.
2. Jaw opening is spread due to a prior high couple attempt.
3. Bent lever bar.
4. Bent release handle.
5. Jammed safety indicator
6. Bent cover plate is interfering with lock movement.
7. Accumulated grime restricts lock operation.
8. Air bags are not fully inflated.

CORRECTIVE ACTION

- Check the adjustment using a trailer with a new SAE Kingpin, or using a lock tester (HOLLAND # 4000171). Readjust if necessary.
- Measure the width of the opening in the jaw. If greater than 2.38", replace the jaw.
- Inspect. Replace, if required.
- Inspect. Replace, if required.
- Inspect the release handle. If bent, replace it.
- Inspect the cover plate for flatness. Replace if necessary.
- Clean. Add grease to the moving parts and check its operation.
- Inflate the air bags. If the tractor air bags are still not properly inflated, see the section "Coupling and Uncoupling Procedure (Air Ride Suspension)" in the "Simplex and Simplex II Operating Instructions" manual (XL-FW458).
- Replace the top plate casting and the entire fifth wheel assembly.

* The Simplex lock tester (HOLLAND # 4000171) is used to test proper fifth wheel coupling. It is **NOT** used to test uncoupling.

FIFTH WHEEL IS DIFFICULT TO UNCOUPLE TO TRAILER

POSSIBLE CAUSE

1. Kingpin is applying HORIZONTAL pressure to the jaw.
2. Jaw is adjusted too tightly.
3. Bent lever bar and/or release handle.
4. Bent cover plate is interfering with lock movement.
5. Kingpin is applying upward pressure to the jaw.
6. Jaw is tight against the lock because the jaw opening was spread on a high couple, then forced to lock.

CORRECTIVE ACTION

- Back the tractor toward the trailer to relieve pressure.
- Back the tractor toward the trailer to relieve pressure on the jaw. Then, unlock the wheel. Readjust, if necessary.
- Inspect and replace, if required.
- Inspect the cover plate for flatness. Replace if necessary.
- Tractor air bags are not properly inflated. See the section "Coupling and Uncoupling Procedure (Air Ride Suspension)" in the "Simplex and Simplex II Operating Instructions" manual (XL-FW458).
- Back the tractor into the trailer to relieve pressure on the jaw. Fully extend the release handle. Use a pry bar to disengage the lock from the jaw.



SAF-HOLLAND USA, Inc.
888.396.6501 Fax 800.356.3929

SAF-HOLLAND Canada Limited
519.537.3494 Fax 800.565.7753
Western Canada
604.574.7491 Fax 604.574.0244