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From: AJ Grogan
Sent: Monday, April 08, 2019 5:06 PM
To: [REDACTED]
Subject: 621 rework
Attachments: 621 Scissor Hoist Repair Procedure SOLD UNITS VERSION.pdf; 621 Scissor Hoist Repair Procedure NEW UNITS VERSION.pdf



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Email Attachment 1

Load Trail 621-Scissor Hoist Repair Procedure

Version: NEW Trailer Units

Repair Kit K021868-CB2 contents:

K021868-CB2	Repair Kit 621-Scissor Hoist (Black)		
	Bracket, 4 X 22 X 1/4 621 Hoist	021868	1 pc
	Bolt, 5/8"-11X3.5" Hex Cs Gr 8 Dom	100078	3 pcs
	Nut, 5/8"X11 Stover Ln Zinc Grd C	100119	3 pcs
	Fitting, Grease- 1/4-28 Thread Forming	100181	3 pcs

Procedure List:

1. Lift the dump body following the instructions in Section 5.6 (Body Prop) of your Load Trail owner's manual.
** DO NOT enter the area under a raised dump body without first supporting the empty dump body up with the body prop. **
2. Lower dump body onto the body prop.
3. Begin the installation of the 621-Scissor Hoist repair kit by first welding the (4 X 22 X 1/4 Bracket) to the outer scissor arms of the 621-Scissor Hoist. There should be a weld on the top and the bottom of both outer scissor arms. (See diagrams N-1.0 and N-1.1)

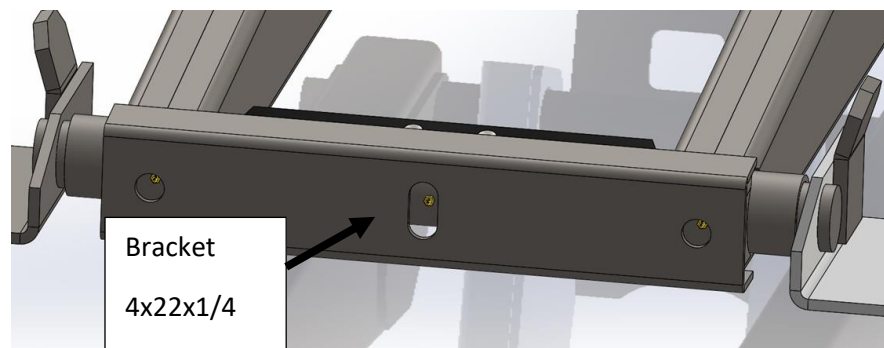


Diagram N-1.0

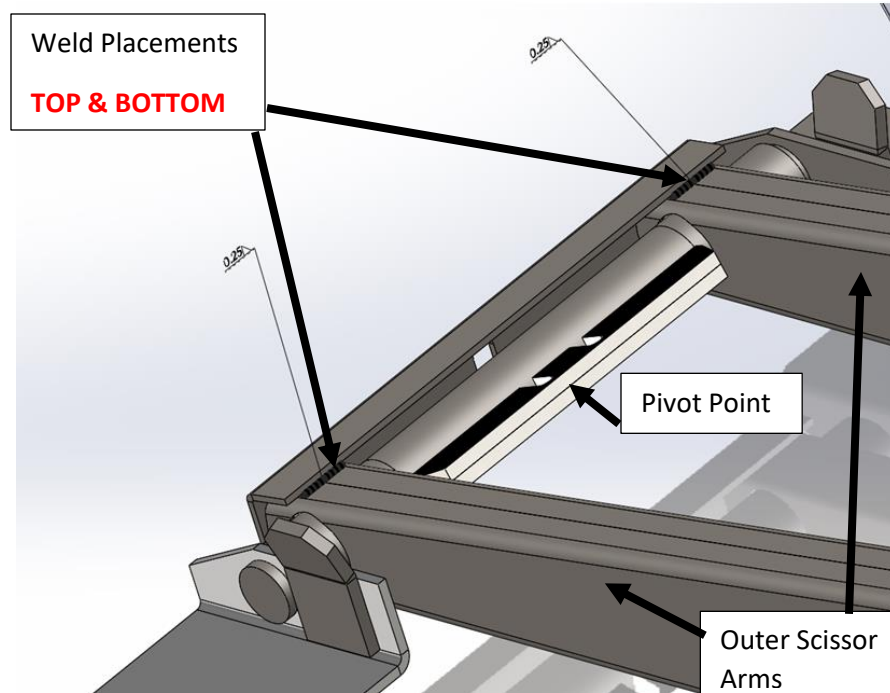


Diagram N-1.1

4. If the grease zerks can't be accessed, drill new holes with proper alignment and install the 3 new grease zerks from the repair kit.
5. Ensure the pivot points on the scissor hoist are properly greased.
6. Final step is to test the hydraulic system by raising and lowering the dump body.
** Use proper operating procedures as explained in the Load Trail owner's manual. **

END OF PROCEDURE LIST

QUESTIONS: CONTACT THE LOAD TRAIL WARRANTY DEPARTMENT
PHONE: 903-783-3900 / EMAIL: WARRANTY@LOADTRAIL.COM

Email Attachment 2

Load Trail 621-Scissor Hoist Repair Procedure

Version: SOLD Trailer Units

Repair Kit K021868-CB2 contents:

K021868-CB2	Repair Kit 621-Scissor Hoist (Black)		
	Bracket, 4 X 22 X 1/4 621 Hoist	021868	1 pc
	Bolt, 5/8"-11X3.5" Hex Cs Gr 8 Dom	100078	3 pcs
	Nut, 5/8"X11 Stover Ln Zinc Grd C	100119	3 pcs
	Fitting, Grease- 1/4-28 Thread Forming	100181	3 pcs

Procedure List:

- 1) Inspect hydraulic cylinder clevis for damage and/or abnormal wear.
- 2) If damaged is located, a replacement cylinder will be required to complete the remaining procedures.
Contact the Load Trail Warranty Department for replacement parts.
- 3) Remove the hydraulic cylinder from the scissor hoist by conducting the following steps:
 - A. Lift the dump body following the instructions in [Section 5.6 \(Body Prop\)](#) of your Load Trail owner's manual. ** DO NOT enter the area under a raised dump body without first supporting the empty dump body up with the body prop. **
 - B. Lower dump body onto the body prop.
 - C. Remove the top bolt holding the hydraulic cylinder rod to the rod mount of the scissor hoist.

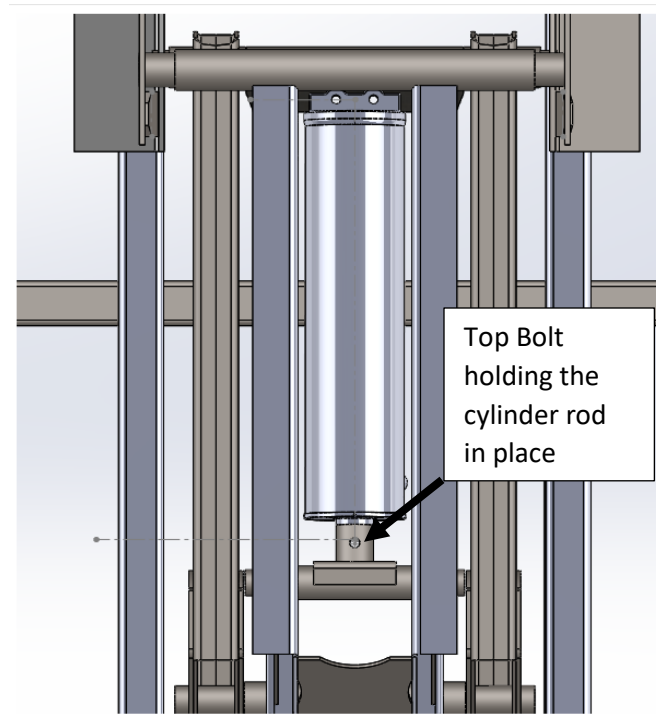


Diagram S-1.0

- D. With the hydraulic cylinder safely supported, slowly retract the cylinder rod from the rod mount.

- E. Upon disengaging the top portion of the hydraulic cylinder out of the hoist, remove the bottom 2 bolts from the cylinder clevis and completely remove the hydraulic cylinder from the scissor hoist.

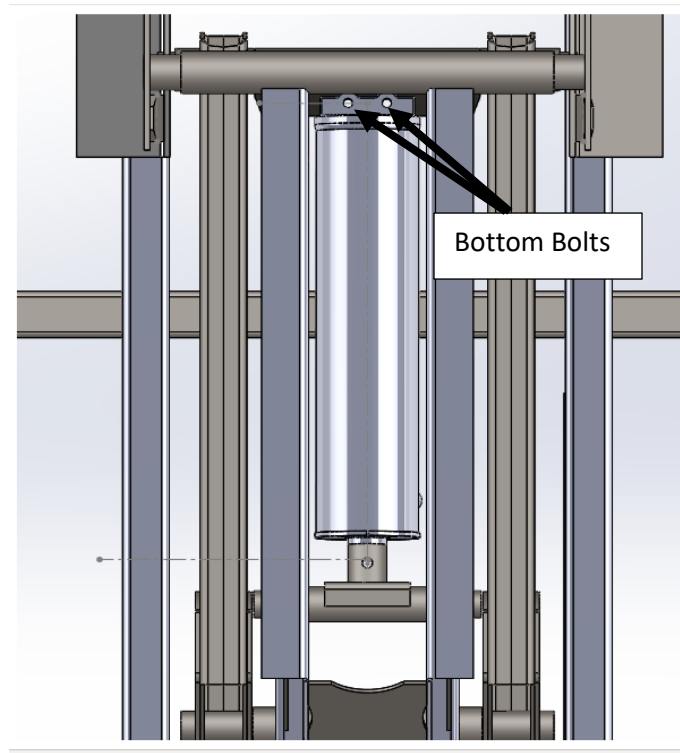


Diagram S-1.1

- F. Ensure that the scissor hoist pivot point can freely rotate all the way around. If the pivot point does not freely rotate, then the scissor hoist must be replaced.
Contact the Load Trail Warranty Department for replacement parts.

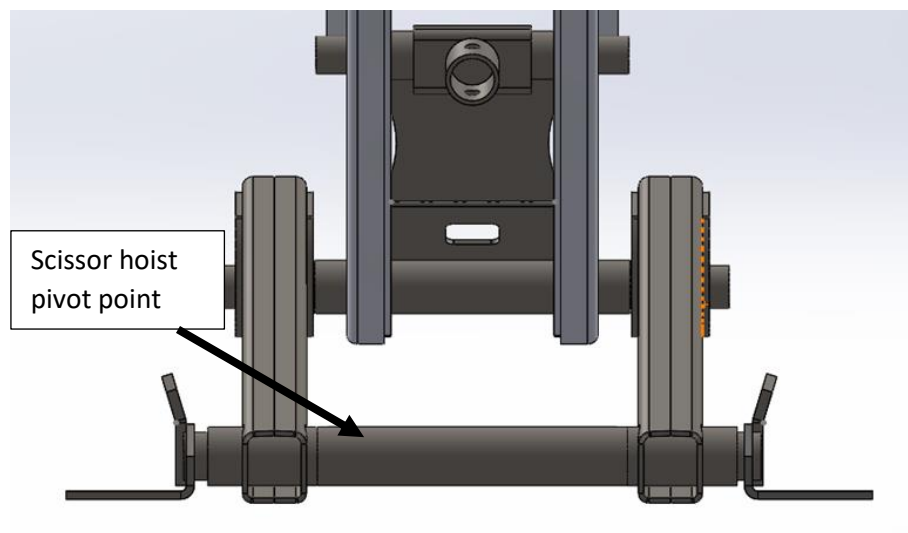


Diagram S-1.2

- G. Upon having a free moving scissor hoist pivot point, begin the installation of the 621-Scissor Hoist repair kit. First weld the (4 X 22 X ¼ Bracket) to the outer scissor arms of the 621-Scissor Hoist. There should be a weld on the top and the bottom of both outer scissor arms. (See diagrams S-1.3 and S-1.4)

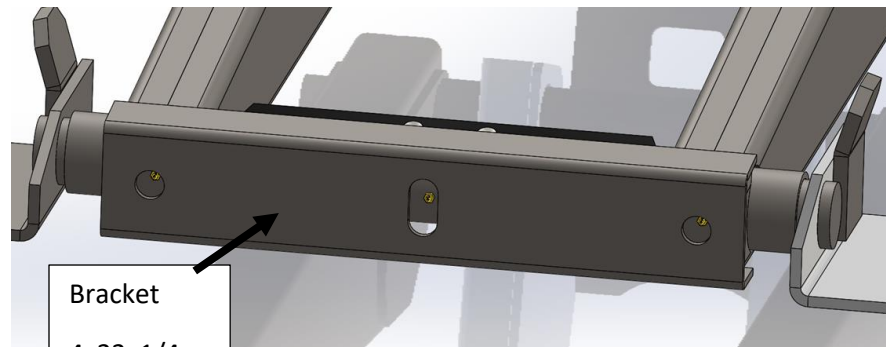


Diagram S-1.3

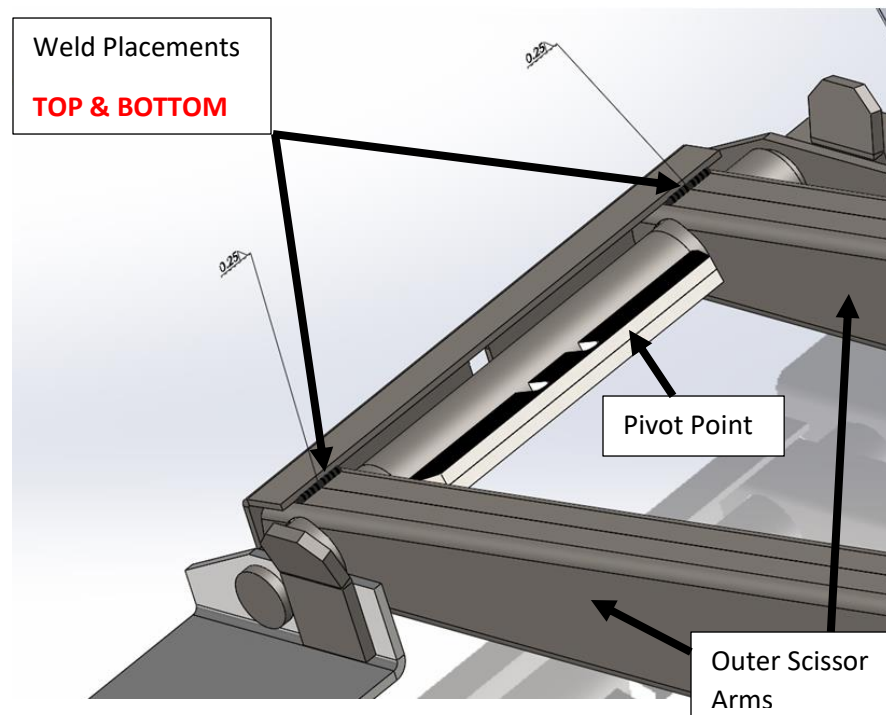


Diagram S-1.4

- H. If the grease zerks can't be accessed, drill new holes with proper alignment and install the 3 new grease zerks from the repair kit.
- I. Install the hydraulic cylinder into the scissor hoist using new bolts from the repair kit. First attach the bottom clevis of the hydraulic cylinder to the scissor hoists pivot point.
- J. Extend the hydraulic cylinder rod so that will go into the scissor hoists rod mount and secure the rod by installing the new bolt that came with the repair kit.
- K. Ensure the pivot points on the scissor hoist are properly greased.
- L. Final step is to test the hydraulic system by raising and lowering the dump body. * *Use proper operating procedures as explained in the Load Trail owner's manual.* * END OF PROCEDURE LIST