

SERVICE BULLETIN SB00.11

Machines/Models: AB46 RT

Serial Numbers: 1000 -1900

THE PROCEDURE SPECIFIED IN THIS BULLETIN **MUST** BE PERFORMED AT THE NEXT 30 DAY MAINTENANCE INTERVAL.

DATE: July 1, 2000

PURPOSE: Enhance the durability of the Front Axle

PROCEDURE REQUIRED: Replace the Front Axle and install Chassis Reinforcement Plates

PARTS REQUIRED: 1 each - Kit SB00.11 includes the following:

1 each - 030963-000 Front Axle Kit

REIMBURSEMENT: UpRight will reimburse the owner of record for 8 hours of labor at \$60.00 per hour. Reimbursement will be made upon receipt by UpRight of your completed Warranty Claim Form. Please reference SB00.11 on your Warranty Claim Form.

READ ALL INSTRUCTIONS AND REVIEW ALL FIGURES BEFORE PERFORMING THE FOLLOWING INSTRUCTIONS.

1. Park machine on a firm level surface. Preferably in a shop environment.

CAUTION:

Machine weight is 14,700 Lbs. Use Stands, Blocks and Jacks that are capable of safely supporting the weight of the machine.

2. Raise the front of the machine and support the machine by the chassis.
3. Label hydraulic lines before removing to ensure correct reinstallation.
4. Remove the Left and Right front wheels.
5. Remove the Left and Right front Hydraulic Motors and Planetary Drive (retain for reinstallation).
6. Remove the Steering Cylinder (retain for reinstallation).
7. Remove the Axle Float Cylinder attachment pins from the Front Axle (retain for reinstallation).
8. Remove the Front Axle Retaining Collar, Hardware and Outer Thrust Ring (Figure 1).
9. Using a suitable lifting device, support the Front Axle Weldment and remove it from the chassis.
10. Remove the Inner Thrust Ring and discard.
11. Install the supplied Inner Thrust Ring (P.N. 068869-001) on the Chassis Pivot Pin (Figure 1).
12. Using a suitable lifting device install the supplied Front Axle Weldment (P.N. 068835-001).
13. Install the Outer Thrust Ring (P.N. 068869-001) (Figure 1).
14. Install the Axle Retaining Collar and Hardware, torque Nut to 140 to 150 In Lbs (16-17Nm).

If you have any questions regarding this Service Bulletin, please contact the UpRight Product Support Department by telephone at (800) 926-5438 from within the USA or at (559) 891-5200 outside the USA or by FAX at (559) 891-8931.

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15. Install the Steering Cylinder and position in place the Steering Links.
16. Install the cylinder and steering link attachment bolts torque bolts to 65 to 72 Ft Lbs. (88-97.5Nm)
17. Attach the Steering Cylinder hoses per the previously attached labels torque fittings to 10-20 Ft Lbs. (14-27 Nm).
18. Install the Left and Right front Hyd Motors/Planetary Drive assembly, torque attachment bolts to 126-139 Ft. Lbs (171-188 Nm).
19. Attach the Hydraulic Motor hoses per the previously attached labels and torque to 35-40 Ft Lbs. (47-54 Nm)
20. Install the Left and Right front wheels and torque lug nuts to 111-123 Ft Lbs (150-167Nm).
19. Detach the machine data plate from the removed Front Axle Weldment.

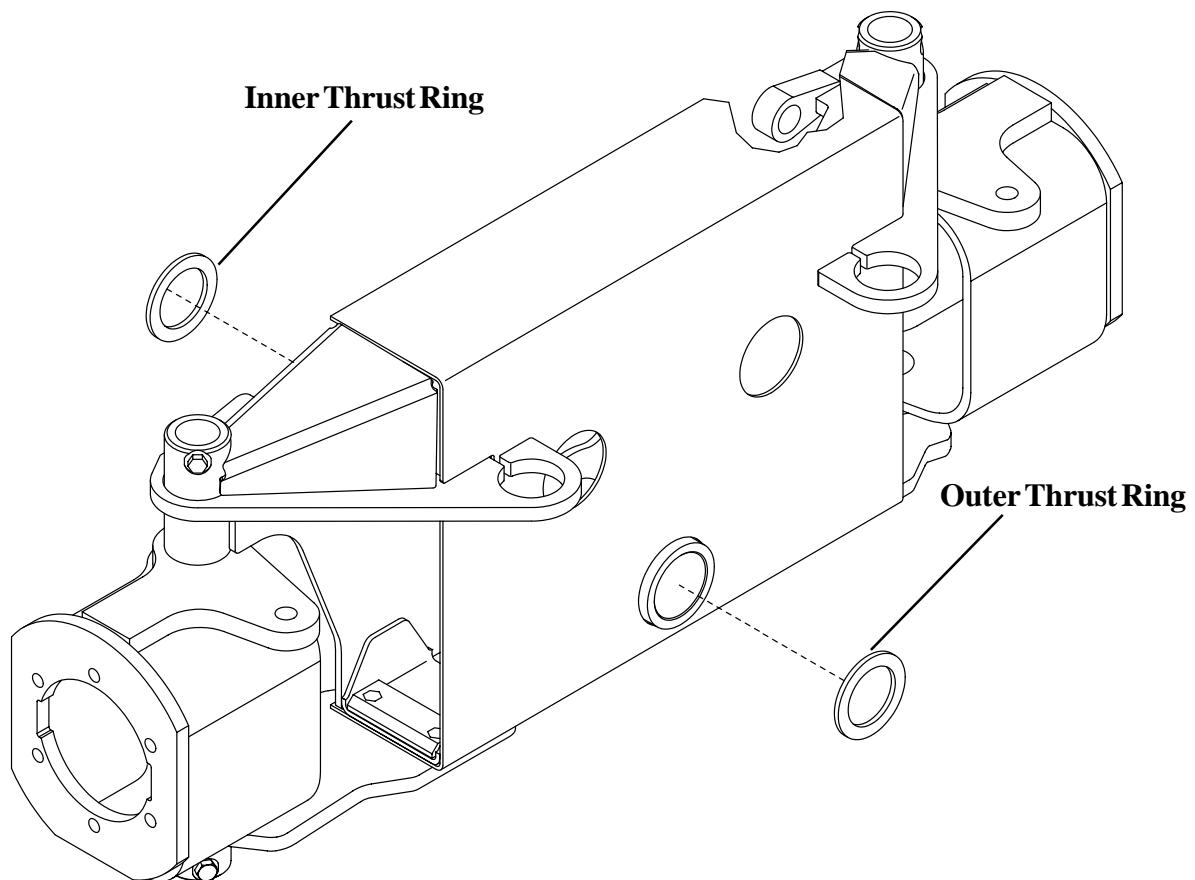


Figure 1

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20. Using the supplied rivets, attach data plate to the new Front Axle Weldment.

NOTE:

BEFORE DOING STEPS 21-23 INSPECT THE MACHINE, IF ENFORCEMENT PLATE 109070-100(SEE FIGURE 2), WAS FACTORY INSTALLED NO FURTHER RE-WORK IS NEEDED

CAUTION:

THE FOLLOWING STEP MUST BE COMPLETED BY A CERTIFIED WELDER

21. Attach the Chassis reinforcement plates (P.N. 109070-100 and 030963-010) per fig 2.

22. Paint all bare metal using the supplied paint (P.N. 010069-001).

23. Remove Stands, Blocks and Jacks.

24. Perform the Pre-Operation and Safety Inspection as instructed in the Operator Manual to ensure proper operation of machine.

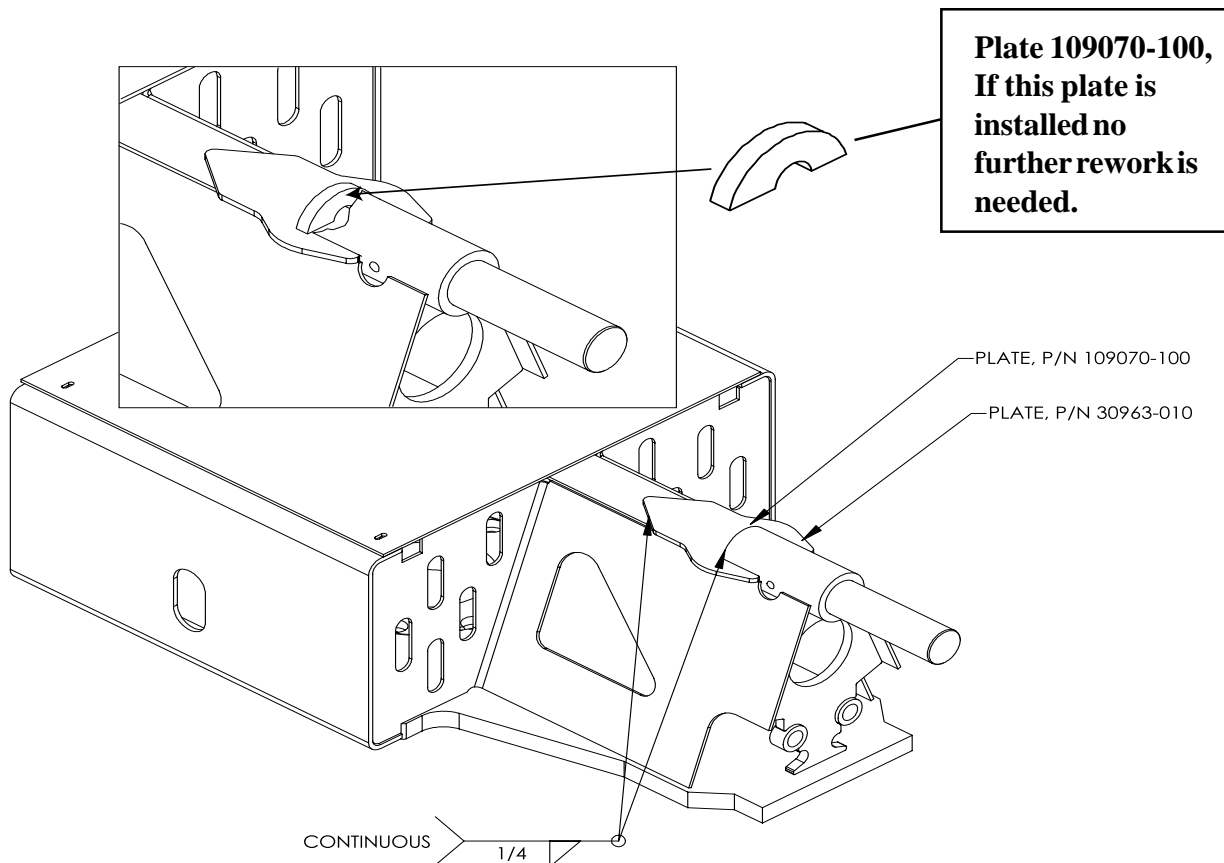


Figure2 Shown upside down for clarity.

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