



IK001843
Date:
22 July 2013

| Air Brake Booster Valve Line Rerouting Kit | | | |
|---|-------------------------------------|--------------------|--------------------------|
| Model | Serial Numbers | | Kit # Version |
| | Including | Excluding | |
| R9X12T | 117 – 130 | 118 | IK01 |
| | | | |
| | | | |
| | | | |
| | | | |
| Mandatory | <input checked="" type="checkbox"/> | Recommended | <input type="checkbox"/> |
| | | Optional | <input type="checkbox"/> |
| <i>Dealer Reference: Service Bulletin No. SVC2013-129</i> | | | |



**PRODUCT
SAFETY
RECALL**

PURPOSE:

INCREASED BRAKING DISTANCE MAY OCCUR

The air brake booster valve for the air brake system of the R9X12T was routed incorrectly. This routing error will result in an increase in brake application time which may exceed the National Highway Traffic Safety Administration standard. If trailer brake application time is delayed, braking distance will be increased. **Death or serious injury is possible.** Property or equipment damage is also possible.

IMMEDIATE MACHINE MODIFICATIONS REQUIRED

IK00-1843 has been created to provide the necessary parts and instructions to reroute the air brake booster valve lines to reduce the brake application time.

SPECIAL TOOLS AND CONDITIONS:

- Utility Knife

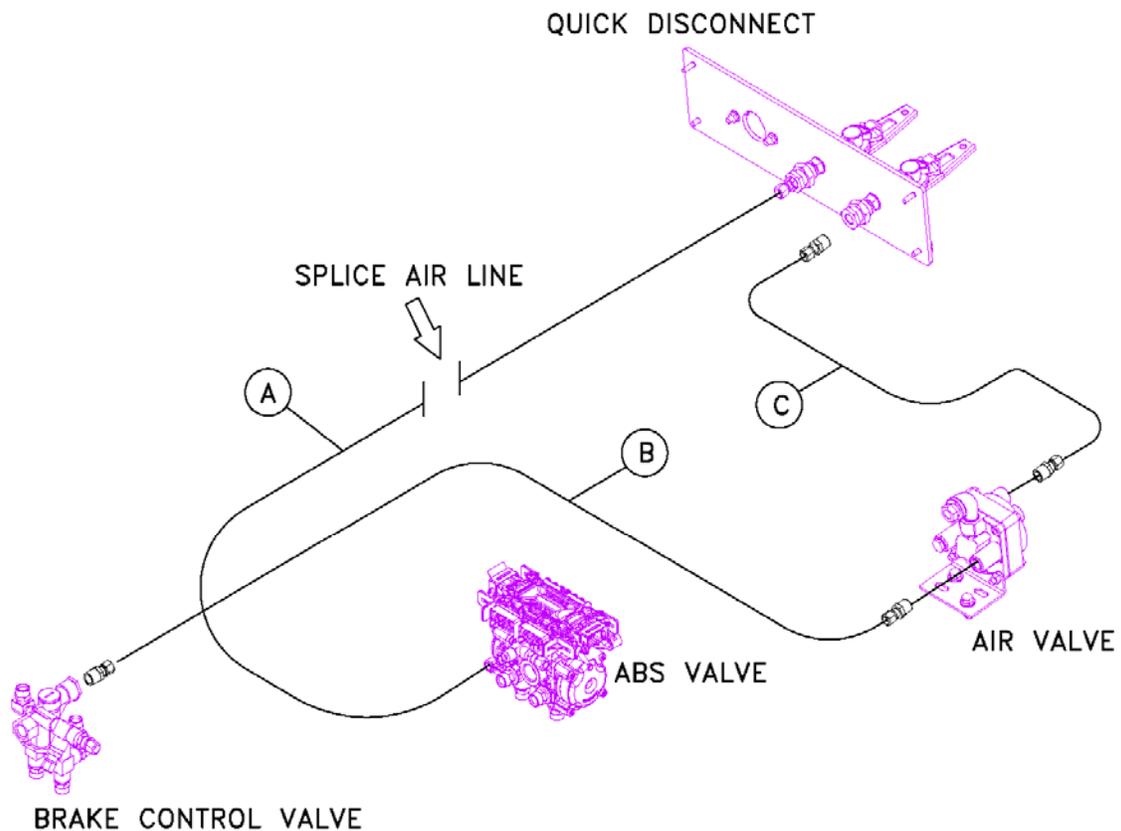
WARNING: Use the following shutdown procedure before attempting to do any work described in this Kit.

1. Shut off Discharge Pump.
2. If optional Pit Pump is connected, shut off pump.
3. Shut off Desilter Pump and Desander Pump.
4. After all spoils have been discharged from shaker screens shut off all shakers, Desilter shaker, and Primary Shakers.
5. Shut off Agitators.
6. Shut off Main Circuit Breaker.
7. Close Manual Fluid Valves if necessary. **NOTE:** Other valves may be closed, if conditions such as maintenance warrant it.
8. Press Genset Off Button and Controller Power Switch.
9. Wait 10 seconds, then disconnect battery at switch.

PROCEDURE:

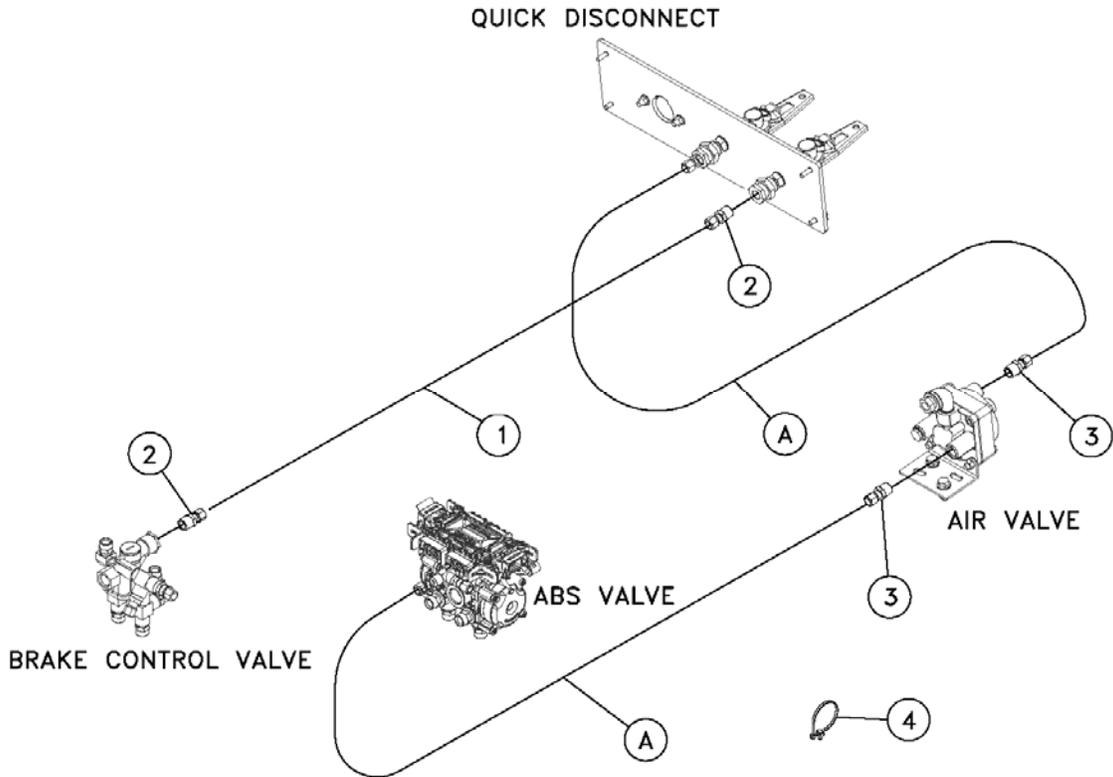
1. Remove and discard all fir tree mounts that are connected to both air lines Ref. (B and C) shown in Figure A.
2. Remove and discard air lines Ref. (B and C), Figure A.
3. Splice air line Ref. (A), Figure A. Determine the length you will need by viewing Figure 1.

FIGURE A



4. Install two 8-6MNPT-STR fittings Ref. 2, Figure 1 in brake control valve and quick disconnect fitting.
5. Using the 50 ft (15.2 m) air line Ref. 1, Figure 1, slide one end of air line into brake control valve new fitting Ref. 2 and other end to new fitting Ref. 2 on quick disconnect fitting on plate. Turn nut on new fittings Ref. (2) until tight around air lines.
6. Install two 6-6MNPT-STR fittings Ref. 3 into the front and back of air valve shown in Figure 1. Slide one end of splice hose that is connected to ABS valve into new fitting in air valve as shown and other end that is connected to quick disconnect in new fitting on air valve as shown. Turn nuts on fittings until tight around air line.
7. After air lines have been installed, install fir tree mounts Ref. 4 where old ones were removed.
8. Test brakes before returning machine to service.
9. Complete and submit work completion card Ref. (1), Figure 2 after kit has been installed.
10. Remove Figure 1 and provide to unit owner to place with existing Parts Manual. The delivery of these pages to the unit owner can be accomplished by attaching the pages to the customer's copy of the Invoice or placing the pages in the unit's manual storage box.

FIGURE 1



UNIT OWNER COPY: Insert in Parts Manual for future reference.

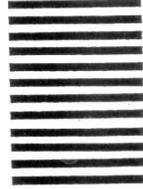
| FIGURE 1 | | | |
|----------|-----------|---|-------|
| REF. NO. | PART NO. | DESCRIPTION | QTY. |
| 1 | 296506919 | TUBING-AIRBRAKE 1/2" I.D | 50 FT |
| 2 | 296506755 | FITTING - TUBE - 8-6MNPT - STR | 2 |
| 3 | 296506756 | FITTING - TUBE - 606MNPT-STR | 2 |
| 4 | 296276007 | FIR TREE MOUNT | 26 |
| | IK011843 | AIR BRAKE BOOST VALVE PLUMBING (Inc. All Items In Figures 1 & 2) | |

FIGURE 2



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL
FIRST CLASS PERMIT NO. 56 PELLA, IOWA
POSTAGE WILL BE PAID BY ADDRESSEE



Vermeer Corporation
Attn: Product Safety Dept.
Box 200
Pella, IA 50219-9987



| FIGURE 2 | | | |
|-----------------|-----------------|--|-------------|
| REF. NO. | PART NO. | DESCRIPTION | QTY. |
| | 296287039 | WORK COMPLETION CERTIFICATE - SAFETY KIT | 1 |
| | IK011843 | AIR BRAKE BOOST VALVE PLUMBING | |
| | | (Inc. All Items In Figures 1 & 2) | |