



A company of VT Systems

VT Hackney, Inc.
911 W. Fifth Street P.O. Box 880
Washington, North Carolina 27889, USA
Phone: 252.946.6521
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www.vthackney.com

IMPORTANT SAFETY RECALL 16V-505

This notice applies to your vehicle "vin numbers attached"

August 24, 2016

Dear Kidron Customer,

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

VT Hackney, Inc. has been informed by Bendix Commercial Vehicle Systems LLC (Bendix) that a defect which relates to Motor vehicle safety exists in certain Bendix SR-5 spring brake valves that were installed on certain model year 2014, 2015 and 2016 Kidron & Hackney brand trailers. This recall will affect trailers manufactured from 1/01/14 to 6/1/16 that are equipped with Bendix SR-5 valves with supplier code "IKD" and were produced from January 1, 2014 (date code A0114) through March 4, 2016 (date code C0416).

The VT Hackney recall has been assigned the NHTSA recall number 16V505. Our recall is in response to Bendix recall 16E045

The SR-5 is a trailer only product so no powered vehicles (tractors) are impacted. This issue potentially affects any trailer that utilizes this valve. This action does not impact SR-5 spring brake valves manufactured prior to or after the stated dates. Please refer to the Valve Identification Guideline enclosed with this document for complete details.

Description of Defect:

Bendix has provided the following description of the problem.

Under a combination of a unique set of circumstances, it is possible (though not probable) for an internal leakage to develop in the SR-5 unit, resulting in slow to apply spring brakes when parking the trailer. The leak is heard or observed at the supply (red) glad-hand when uncoupled from the tractor. If coupled to a tractor, a leak may be heard from the exhaust of the park control valve (Bendix® MV-3 tm dash control valve) or from the tractor protection valve. If uncoupled, and the internal leakage presents itself, loss of air pressure in the trailer reservoir will result. If a high rate of leakage is observed from the supply glad-hand or park control valve exhaust (as noted above), it is possible that the spring brakes will be slow to apply on the trailer. Note: this issue presents no impact on the tractor brakes.

Actions you should take:

Immediately check the date code on the Bendix SR5 service brake valve on your trailer. If the supplier code is IKD and the valve shows a manufacturer date between January 1, 2014 (date code A0114) thru March 4, 2016 (date code C0416) please contact VT Hackney immediately by either calling 800-763-0700 EXT 2016 or emailing warranty@vthackney.com to request the Bendix supplied repair Kit. The Kit will be forwarded to you at no cost to you. VT Hackney, Inc will work with Bendix to assure there is no cost to you in completing the recall.

If you have any questions please contact Gene Newman at 800-763-0700 extension 2220. Or send an email to warranty@vthackney.com



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Page 2

If you no longer own this trailer, please contact VT Hackney, Inc. to provide the new owner information. VT Hackney, Inc. will then contact the new owner.

If you have previously paid for repairs as a result of this defect, you may be entitled to recovery of those expenses. Contact VT Hackney for details.

If you believe that VT Hackney has failed to perform this repair within a reasonable amount of time, or the existing condition was not remedied without charge, please contact VT Hackney 800-763-0700.

You may also wish to submit a complaint to:
Administrator
National Highway Traffic Safety Administration,
1200 New Jersey Ave. S.E.
Washington, D.C., 20590

Or call the toll-free Vehicle Safety Hot-Line at 1-888-327-4236 (TTY:1-800-424-9152) or go to www.safercar.gov

We request your prompt attention to the correction of this defect and apologize for any inconvenience this may cause you.

Sincerely,

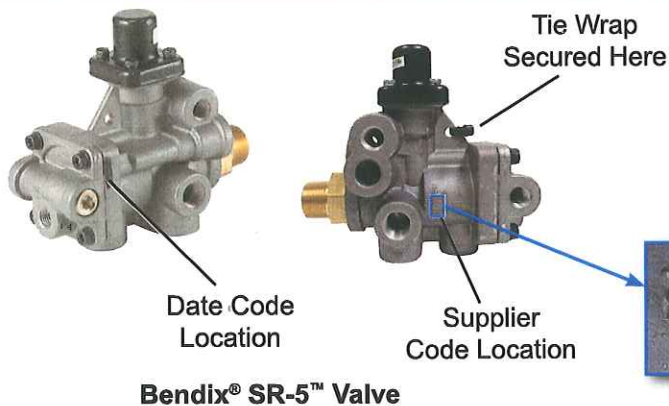
Gene Newman
Manager, Warranty VT Hackney, Inc.

Attachments:

1. Vehicle identification number listing
2. Bendix form BW8020 action required for identifying the Recalled Bendix SR-5 Valve.
3. Bendix Installation instructions for SR-5 Recall

Action Required For Identifying the Recalled Bendix® SR-5™ Valve

How do I know if the valve has been replaced on my vehicle?



To verify that the Bendix® SR-5™ valve has been repaired per the recall campaign, look for the presence of a black or green tie wrap secured to the valve body. **No further action is required.**



Identifying SR-5 valves covered in this field action

Valve Identification

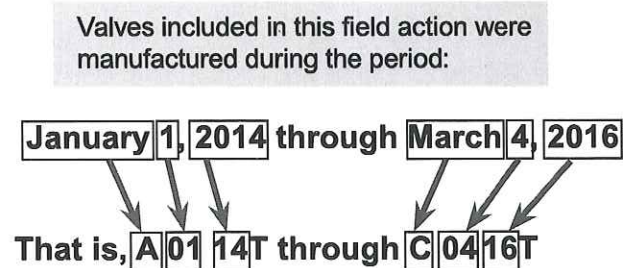
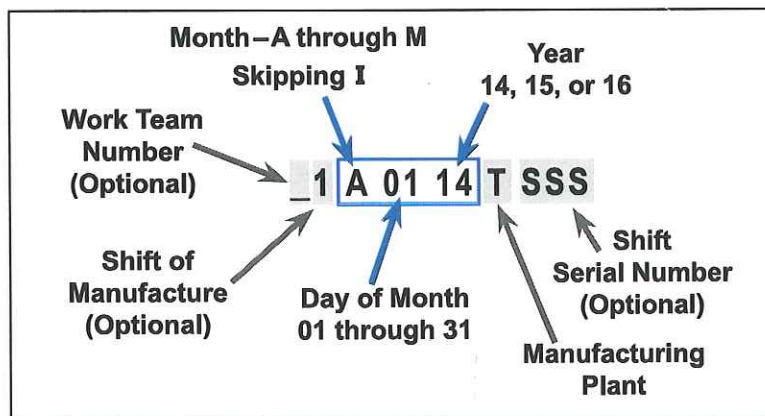
The Bendix SR-5 valves covered by this campaign can be identified by the supplier code and the date of manufacture located on the valve body. Verification of both is required to determine if the valve is a part of the campaign. Valves covered by this campaign must meet the following criteria:

1. The supplier code—"IKD"—cast in the body and located as shown in the illustration above; and
2. The date of manufacture between January 1, 2014 and March 4, 2016, inclusive. To verify the date code see *Interpreting the Date Code* below.

Interpreting the Date Code

A date code is stamped (not cast) on the SR-5 valve body housing. *Locate the date code – removing the paint coating, if necessary – to read the code.* Disregard the Work Team Number, Shift of Manufacture, Manufacturing Plant and Shift Serial Number codes shown in gray below. The portion of the date code that determines the date of manufacture is highlighted and can be interpreted as follows:

- The first field is the month (A=January, B=February, etc. – excluding the letter I – so that J=September, and so on),
- The next two fields are the day of the month (e.g. 01=1st); and
- The next two fields are the year (e.g. 14=2014)



For recall support, call the Recall Assistance Center at 1-877-345-9526
8 a.m. – 5 p.m. Monday – Friday EDT

For technical support, call the Tech Team at 1-800-AIR-BRAKE (1-800-247-2725)
8 a.m. – 6 p.m. Monday – Thursday and 8 a.m. – 5 p.m. Friday EDT



Installation Instructions

Recall Campaign No. 16E045

FIELD REPAIR KIT FOR THE BENDIX® SR-5™ TRAILER SPRING BRAKE VALVE

Spring Retainer
 1/4" P.T. Service/Spring Brake Reservoir (2)
 SR-5 Identification Hole
 Control Piston Cover
 Reservoir Fitting
 Cover Screw (3)
 1/4" P.T. Trailer Service (Only on SR-5 Valves with Anti-Compounding)
 3/8" P.T. Delivery (4)
 Exhaust
 1/4" P.T. Trailer Service
 1/4" P.T. Trailer Supply
 Recall Claim Form (4)

The Bendix SR-5 Field Repair Kit consists of the following:

Key No.	Description	Qty.
1	Check Valve Cartridge	1
2	Green Tie Wrap	1
3	Cover Screw	1
4	Recall Claim Form	1
5	SR-5 Decal	1

1 Check Valve Cartridge
IMPORTANT
 Verify the ball is in the cartridge before installation. If the ball slips out, contact the Recall Assistance Center for a replacement kit.
 2 Green Tie Wrap
 5 SR-5 Decal

Figure 1 – Bendix SR-5 Trailer Spring Brake Valve Exterior View



GENERAL SAFETY GUIDELINES

WARNING! PLEASE READ AND FOLLOW THESE INSTRUCTIONS

TO AVOID PERSONAL INJURY OR DEATH:

When working on or around a vehicle, the following guidelines should be observed **AT ALL TIMES**:

- ▲ Park the vehicle on a level surface, apply the parking brakes and always block the wheels. Always wear personal protection equipment.
- ▲ Stop the engine and remove the ignition key when working under or around the vehicle. When working in the engine compartment, the engine should be shut off and the ignition key should be removed. Where circumstances require that the engine be in operation, **EXTREME CAUTION** should be used to prevent personal injury resulting from contact with moving, rotating, leaking, heated or electrically-charged components.
- ▲ Do not attempt to install, remove, disassemble or assemble a component until you have read, and thoroughly understand, the recommended procedures. Use only the proper tools and observe all precautions pertaining to use of those tools.
- ▲ If the work is being performed on the vehicle's air brake system, or any auxiliary pressurized air systems, make certain to drain the air pressure from all reservoirs before beginning ANY work on the vehicle. If the vehicle is equipped with a Bendix® AD-IS® air dryer system, a Bendix® DRM™ dryer reservoir module, or a Bendix® AD-9si® air dryer, be sure to drain the purge reservoir.
- ▲ Following the vehicle manufacturer's recommended procedures, deactivate the electrical system in a manner that safely removes all electrical power from the vehicle.
- ▲ Never exceed manufacturer's recommended pressures.
- ▲ Never connect or disconnect a hose or line containing pressure; it may whip and/or cause hazardous airborne dust and dirt particles. Wear eye protection. Slowly open connections with care, and verify that no pressure is present. Never remove a component or plug unless you are certain all system pressure has been depleted.
- ▲ Use only genuine Bendix® brand replacement parts, components and kits. Replacement hardware, tubing, hose, fittings, wiring, etc. must be of equivalent size, type and strength as original equipment and be designed specifically for such applications and systems.
- ▲ Components with stripped threads or damaged parts should be replaced rather than repaired. Do not attempt repairs requiring machining or welding unless specifically stated and approved by the vehicle and component manufacturer.
- ▲ Prior to returning the vehicle to service, make certain all components and systems are restored to their proper operating condition.
- ▲ For vehicles with Automatic Traction Control (ATC), the ATC function must be disabled (ATC indicator lamp should be ON) prior to performing any vehicle maintenance where one or more wheels on a drive axle are lifted off the ground and moving.
- ▲ The power **MUST** be temporarily disconnected from the radar sensor whenever any tests **USING A DYNAMOMETER** are conducted on a vehicle equipped with a Bendix® Wingman® system.
- ▲ You should consult the vehicle manufacturer's operating and service manuals, and any related literature, in conjunction with the Guidelines above.

GENERAL

This instruction sheet is intended to provide the necessary information to service the Bendix® SR-5™ trailer spring brake valve with an internal check valve cartridge. This is in connection with Recall Campaign number 16E045.

This kit contains a check valve cartridge (1), a green tie wrap (2) and one cover screw (3). The cover screw (3) is included in the event one is damaged or lost during the installation process.

PREPARATION

1. Use a wire brush to clean the exterior of the SR-5 valve especially around the control piston cover. Use compressed air to blow away loose debris to ensure that the valve does not become contaminated when serviced.
2. Verify that the valve does not have a black or green tie wrap already through the SR-5 identification hole. If a tie wrap is present, this valve has already been serviced with this kit. Return the vehicle into service.
3. Verify the valve meets the recall criteria as outlined in the **RECALL GUIDELINES** section of this document. If the valve falls outside of these parameters, return the vehicle to service.

DISASSEMBLY

The installation of this kit requires that the control piston cover be loosened, but not completely removed from the valve body.

1. Identify and disconnect all the air lines connected to the control piston cover. (*Refer to Figure 4.*)
2. It is necessary to rotate the fitting in the trailer supply port to complete this step. Rotate the fitting counterclockwise only (loosening) no more than 90°. (*Refer to Figure 3.*)
3. Remove cover screws "B", "C", and "D". While holding the control piston cover in place, loosen cover screw "A" 4-5 turns. Carefully rotate the cover clockwise – pivoting on screw "A" – until the check valve passage in the body is visible. Hold the cover in this position to retain the control piston in the body. (*Refer to Figure 5.*)



OVER-ROTATING THE COVER MAY ALLOW THE CONTROL PISTON AND RETURN SPRING TO COME OUT OF THE VALVE. IF THIS HAPPENS, REMOVE ANY DEBRIS THAT MAY ADHERE TO THE PISTON AND REINSERT, SPRING FIRST. (*Refer to Figure 7.*)

4. Exercise caution to prevent damage to the cover seal as shown in Figure 6.

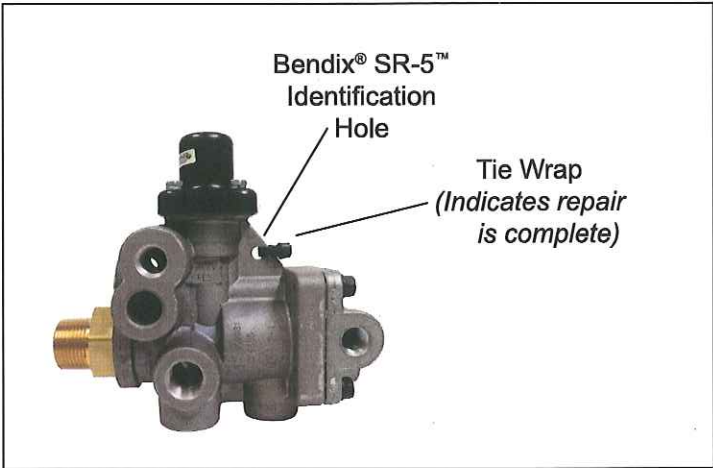


Figure 2 – Tie Wrap Location

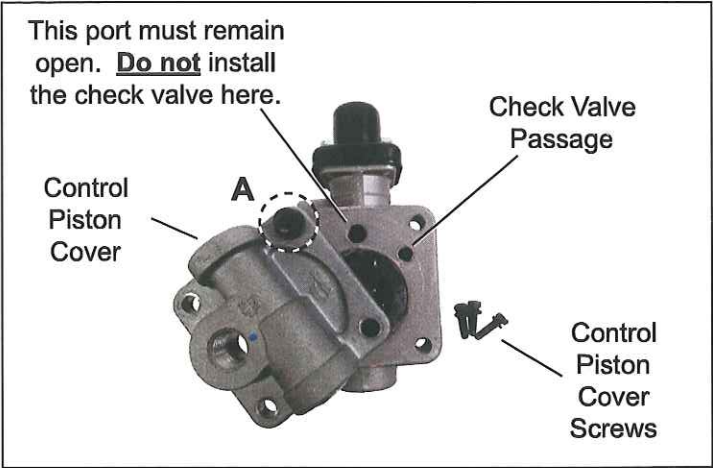


Figure 5 – Check Valve Passage

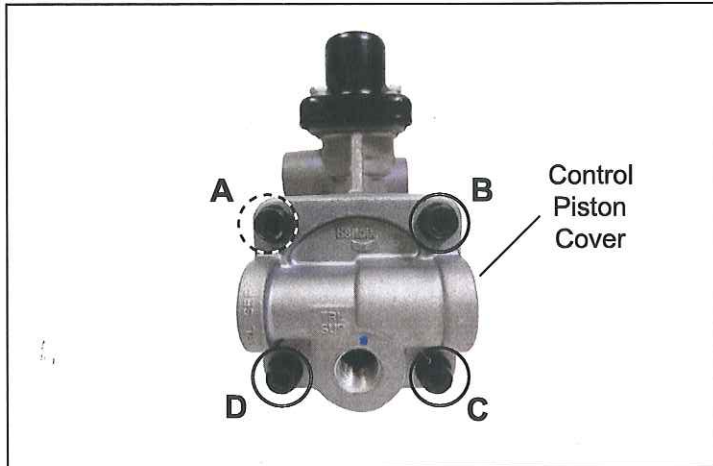


Figure 3 – Control Piston Cover Screws

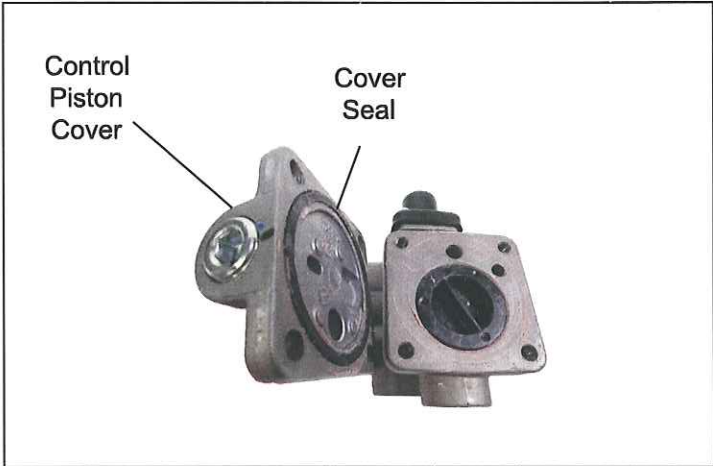


Figure 6 – Cover Seal

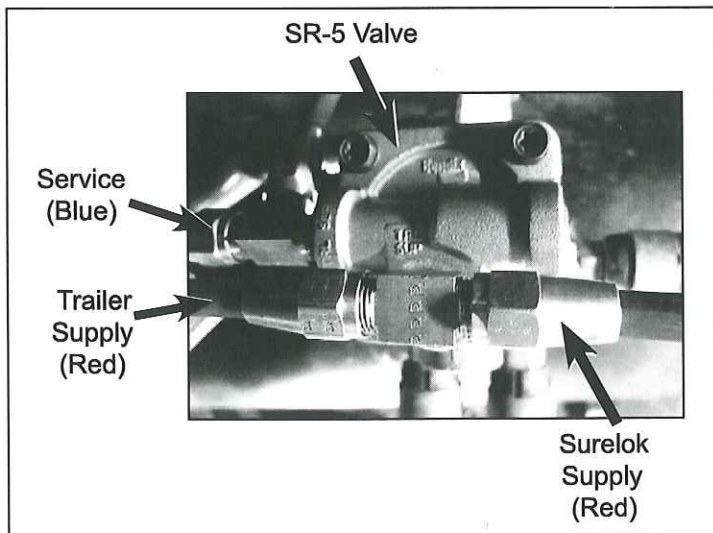


Figure 4 – Piston Cover Air Line Connections

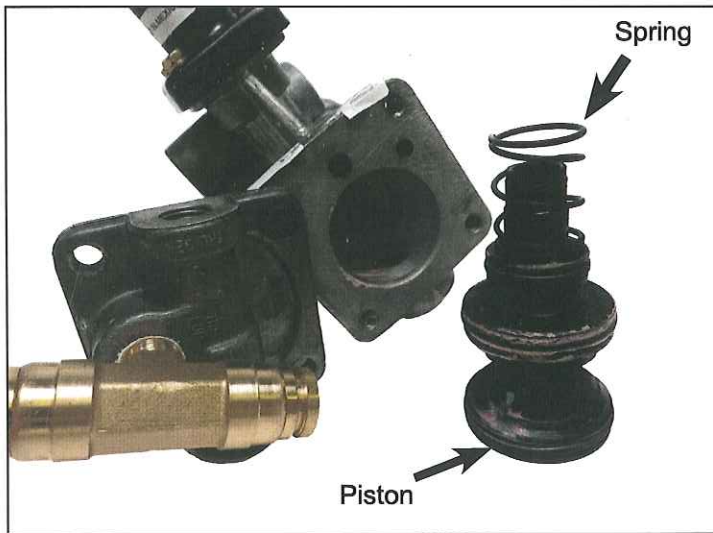


Figure 7 – Piston and Spring

ASSEMBLY



1. Ensure that the check valve cartridge (1) is intact as shown in Figure 8.
2. Holding the larger diameter (o-ring end) of the check valve cartridge (1), insert the pointed end into the air passage. Push the check valve cartridge (1) in lightly with your finger until it is flush with the body housing. (Refer to Figure 8.)



THE CHECK VALVE CARTRIDGE (1) WILL FIT SNUGLY INTO THE CORRECT AIR PASSAGE. DO NOT INSERT THE CHECK VALVE CARTRIDGE (1) INTO THE LARGER AIR PASSAGE.

3. Rotate the cover back into position and install the three screws. Torque all four screws in a crossing pattern to 100 in-lbs. (A, C, D then B). (Refer to Figure 3.)
4. Reposition any fittings that may have been moved and reconnect the air lines.
5. Perform the OPERATIONAL AND LEAKAGE TESTS detailed below before placing the vehicle back into service.

OPERATIONAL AND LEAKAGE TESTS

This test can be performed by connecting the red trailer gladhand to a tractor or an external air source. Check the air source gauge against a gauge known to be accurate before performing these tests.

1. Block all wheels or hold the vehicle by means other than the air brakes: drain all pressure from the trailer reservoir.
2. Install a gauge in the trailer reservoir(s). Connect the air source to the red supply gladhand of the trailer on which the Bendix® SR-5™ trailer spring brake valve is to be tested. Build the trailer to full system pressure by placing the tractor park control valve in the charge position, or by applying an external air source. Make sure that the spring brake chambers release before the reservoir starts to fill.
3. When full system pressure is reached –and the spring brakes are fully released–apply a soap solution to the control piston cover and fittings that were removed during the repair. A one inch bubble in five seconds is permissible.
4. Place the trailer air supply valve in the exhaust position, or disconnect the external air source. The spring brakes should apply. This will be evident by a full exhausting of chamber pressure at the SR-5 valve exhaust port.

If the repair was completed correctly, the park brakes should be set, and the reservoir pressure should hold steady with no decay. If the valve does not perform properly, repeat the installation procedure and retest.

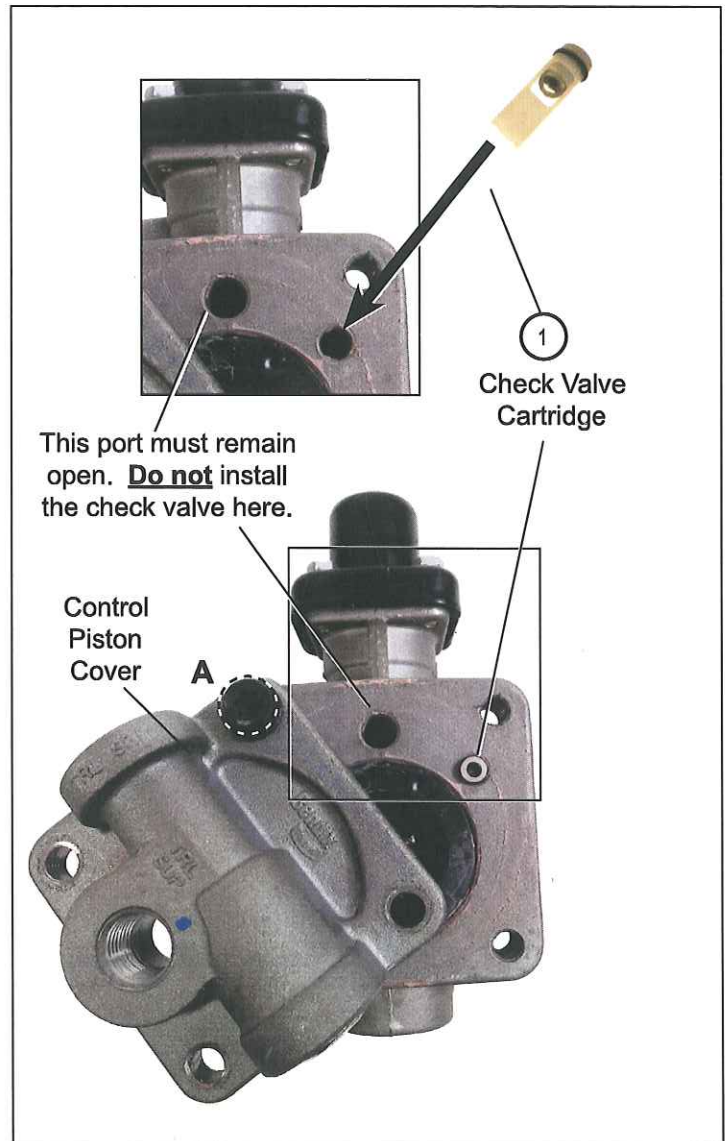


Figure 8 – Check Valve Cartridge Installation

5. Drain the reservoirs and remove the gauge that was installed in the trailer reservoir(s) for testing purposes. Reinstall the fitting that was removed. Recharge the trailer air system and check for leaks using a soap solution. A one inch bubble in five seconds is permissible.
6. For identification purposes, secure the green tie wrap (2) through the identification hole located on the valve body. (Refer to Figure 2.)
7. Included in this kit is an SR-5 decal (5) that can be placed on the trailer upon completion of the valve installation. The installation of this decal is not required; however, it may be helpful for quick identification of the trailers that have been serviced per the recall. Space is provided for the technician's name and date of installation.

RECALL DOCUMENTATION

After finishing the Bendix® SR-5™ valve repair, complete the Recall Claim Form (4) provided. This documentation is required for labor reimbursement and for NHTSA completion verification.

RECALL GUIDELINES

Note: Bendix SR-5 valves with a green or black tie wrap through the identification hole in the body have already been repaired. No further servicing is required. (Refer to Figure 2.)

The SR-5 valves covered by this campaign can be identified by the supplier code and the date of manufacture located on the valve body. Verification of both is required to determine if the valve is a part of the campaign. Valves covered by this campaign must meet the following criteria:

1. The supplier code—"IKD"—located as shown in Figure 9; *and*
2. The date of manufacture between January 1, 2014 and March 4, 2016, inclusive. To verify the date code see INTERPRETING THE DATE CODE below.

INTERPRETING THE DATE CODE

A date code is stamped (not cast) on the SR-5 valve body housing. *Locate the date code – removing the paint coating, if necessary – to read the code.* Disregard the Work Team Number, Shift of Manufacture, Manufacturing Plant and Shift Serial Number codes shown in gray below. The portion of the date code that determines the date of manufacture is highlighted and can be interpreted as follows:

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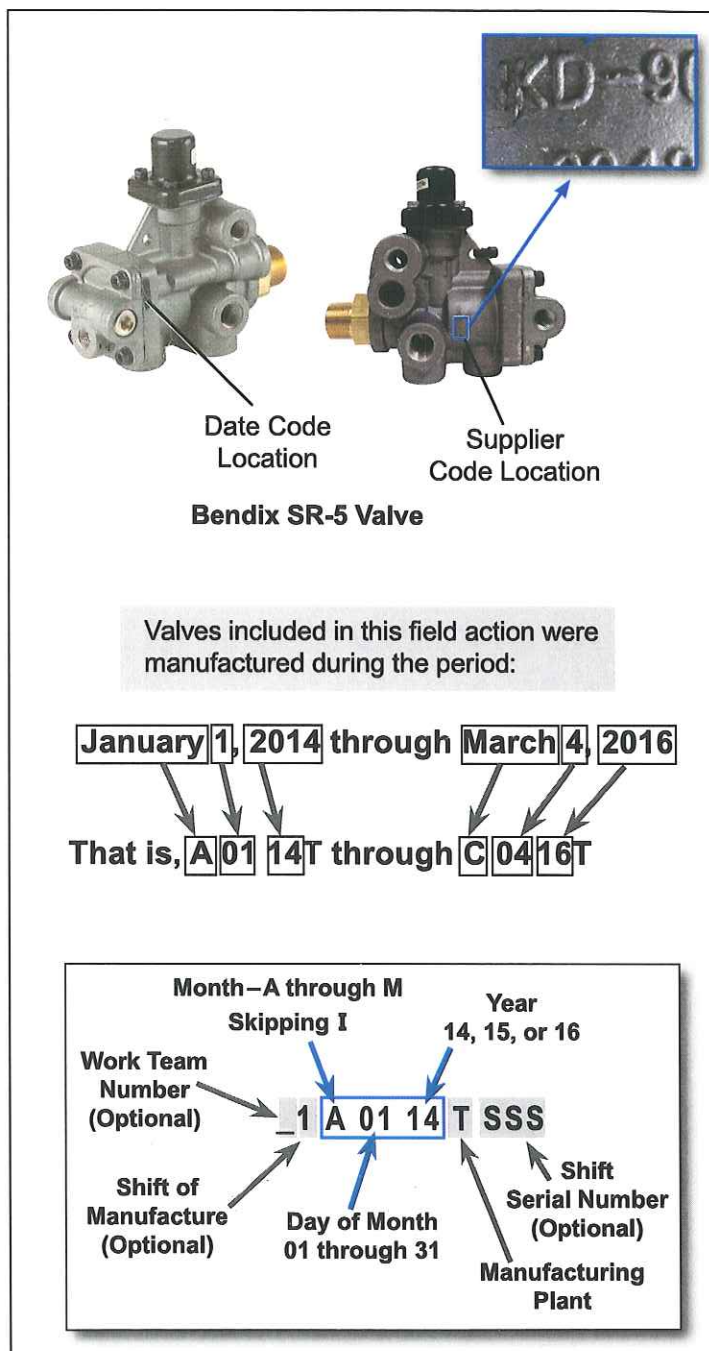


Figure 9 – Recall Identification

Visit the online Product Action Center under the Services and Support tab on bendix.com. Applicable information on the recall is available and refreshed often.



Log-on and Learn from the Best

On-line training that's available when you are – 24/7/365.
Visit www.brake-school.com.