

# Technical Bulletin

Bulletin No: TCH-003-053

Effective Date: 4-6-2015

Cancels: N/A

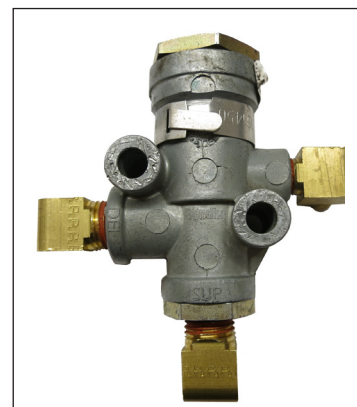
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Subject: **BENDIX® TR-3™ INVERSION VALVE RECALL (P/N 101450)**

Bendix Commercial Vehicle Systems LLC is conducting a voluntary safety recall campaign, **Recall No.: 15E021**, involving the Bendix® TR-3™ inversion valve (part number 101450 shown on the valve). This includes TR-3 valve part numbers **101450**, **101450N** and **101450R** manufactured between February 6 and October 15, 2014 inclusive.

### **Identification:**

The valves affected are TR-3™ valves with a casting date code of “13” and assembly date codes B0614T (February 6, 2014) to K1514T (October 15, 2014) inclusive. Products outside the date code range, or valve bodies made with a casting date code other than “13” *are not* affected. See how to identify if the valve is a part of the recall campaign on page three (3) of this bulletin.



**Bendix® TR-3™ Inversion Valve  
(part number shown on  
the valve 101450)**

### **Problem Description:**

Bendix has determined that a component manufactured at a Bendix sub-supplier was not within specification limits and has led to the potential defect. This issue potentially affects a very select population of vehicles that do not have spring brakes and where the TR-3 valve is used to apply the service brake as a parking brake (primarily in dolly applications). The out-of-specification component may cause the TR-3 valve to exhaust slowly, or not fully exhaust, leading to the potential overheating of vehicle brakes and potential fire.

The driver may detect partially applied service brakes while driving by feeling an increased resistance in the vehicle drivetrain or sensing an odor caused by overheated brakes. There have been no reports of any injuries or accidents related to this issue.

### **Vehicles Affected:**

This issue potentially affects a very select population of vehicles that do not have spring brakes and where the TR-3 valve is used to apply the service brake as a parking brake (primarily in dolly applications). Only the TR-3 inversion valves identified above are a part of this campaign.

### **What You Need To Do:**

Immediately stop using and/or selling any of the TR-3 valves that fall within the recall parameters. It is a violation of Federal law for a dealer or distributor to sell a valve that is subject to this recall. Bendix has a permanent remedy kit (K123677) which is available for you – complete with instructions – to replace any affected TR-3 inversion valves. This remedy is a no cost solution to you. Also, make sure your customers are aware of the recall campaign.

### **Bendix TR-3™ Valve Replacement:**

**If your current parts inventory, including vehicles still within your possession, contains Bendix inversion valves (Bendix Part Number 101450N or 1010450R), and/or Bendix ABS kits for Trailers (Bendix Part Number 5020217 or 802894) manufactured between February 6 and October 15, 2014, inclusive, please contact Nancy Milligan at our Huntington, Indiana, Customer Service Center. Please phone Ms. Milligan, toll-free, by calling 1-800-AIR-BRAKE, ext. 4435 (1-800-247-2725, ext. 4435) to arrange for the return of any affected inventory currently in stock.**

*(continued)*

**Administering the Recall:**

Bendix is directing the impacted vehicle owners to work through authorized Bendix® parts outlets to file their recall claims. To start the reimbursement process for costs directly attributable to the Bendix® TR-3™ inversion valve recall, owners must submit a complete set of documentation to the authorized Bendix parts outlet. The authorized Bendix parts outlet should then process the recall claim and return the part(s) to Bendix in this manner:

**Submitting A Claim:**

Visit the Product Action Center ([http://www.bendix.com/en/servicessupport/recallcenter/recallcenter\\_1.jsp](http://www.bendix.com/en/servicessupport/recallcenter/recallcenter_1.jsp)) on [www.bendix.com](http://www.bendix.com) to download the *Bendix TR-3 Inversion Valve (Part Number 101450) Recall Submission Form*.

- Print the form and supply all the required information.
- To start the reimbursement process, return the form to Bendix in one of two ways:
  1. Scan and email all documents to [TR3campaign@bendix.com](mailto:TR3campaign@bendix.com) (*preferred method*); or.
  2. Send via U.S. Mail/Canadian Post to:  
Bendix Commercial Vehicle Systems LLC  
Attention: Mr. Zach Alten  
901 Cleveland Street  
Elyria, OH 44035

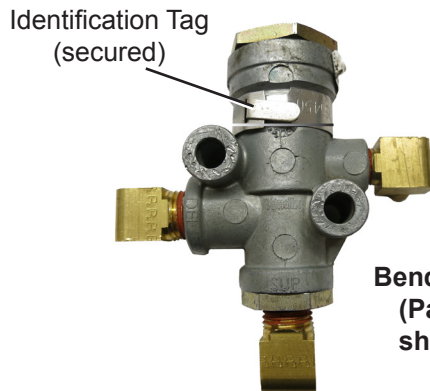
**Returning the Part(s):**

1. Place parts inside a box and mark the box exterior (in bold letters), “TR-3 RECALL RETURN”
2. Contact Nancy Milligan at our Huntington, Indiana, Customer Service Center, toll-free, at 1-800-AIR-BRAKE, ext. 4435 (1-800-247-2725, ext. 4435) to secure the pre-paid Bendix UPS number for your shipment.
3. Using the Bendix UPS account number provided, ship the part(s), prepaid, to:

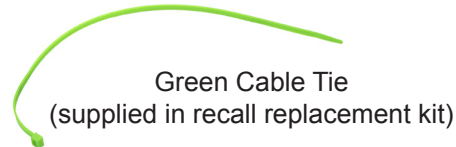
**TR-3 RECALL RETURN**  
Bendix Commercial Vehicle Systems LLC  
1850 Riverfork Drive  
Huntington, IN 46750

# Action Required For Identifying the Recalled Bendix® TR-3™ Valve

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



To verify that the Bendix® TR-3™ valve (P/N 101450 displayed on the valve) has been replaced per the recall campaign, look for the presence of a green cable tie secured to the valve body.  
**No further action is required.**



## Identifying TR-3 valves covered in this field action

### Valve Identification

The TR-3 valves covered by this campaign are part numbers 101450, 101450N and 101450R manufactured between February 6, 2014 and October 15, 2014.

While verification of the part number and date code are necessary to determine if the valve is a part of the campaign, there are two identifiers that can be checked to determine that the valve is not a part of the campaign. These steps may not require removal of the valve from the vehicle.

1. **The TR-3 valve covered by this recall should have an identification tag with “SPECIAL TR-3 REPLACE WITH 101450” stamped into it.** This tag may need to be removed from the valve if the view is obstructed. All other part numbers referenced are not a part of the campaign.
2. **Under the identification tag is the valve casting date code wheel. Only body castings with a number 13 in the center are a suspect valve.** Valve bodies that have a number other than 13 are not a part of the campaign.

The valves that are suspect must be removed to verify the part number and the date of manufacture—stamped into the supply port cap nut. To view this information the valve cap nut area must be cleaned of paint and debris. To verify the date code see *Interpreting the Date Code* below.

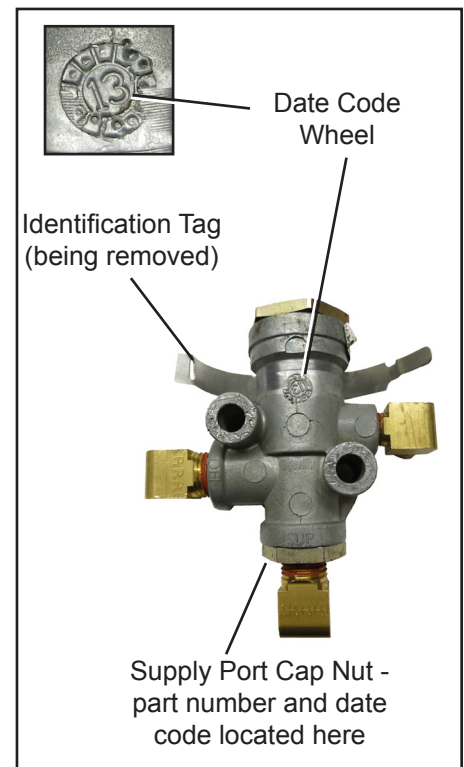
### Interpreting the Date Code

A date code is stamped (not cast) on the TR-3 valve supply port cap nut. *Locate the date code – removing the paint coating, if necessary – to read the code.*

- 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 date (e.g. 06=6th day of the month)
- The next two fields are the year (e.g. 14=2014).
- The final code in the sequence is the Plant Code (T for all valves in this campaign)

Valves included in this field action were manufactured during the period:

February 6, 2014 through October 15, 2014  
That is, B0614T through K1514T



**Action required. Contact your OEM dealer to schedule the replacement of your TR-3 valve.**

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