



**Countries:** RUSSIA, AUSTRALIA, BRAZIL, CANADA, UNITED STATES, MEXICO, KOREA, SOUTH AFRICA

**Document ID:** IK0200011

**Availability:** ISIS, Bus ISIS, FleetISIS

**Revision:** 3

**Major System:** BRAKES

**Created:** 2/8/2011

**Current Language:** English

**Last Modified:** 8/24/2013

**Other Languages:** [Français](#), [Español](#)

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**Viewed:** 163

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Coding Information

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**Title: Meritor Front Brake Return Spring Install**

**Applies To: ProStar, PayStar, TransStar, DuraStar, WorkStar LoneStar, Euro III 9800 RHD with 16 inch Meritor brakes**

**DESCRIPTION**

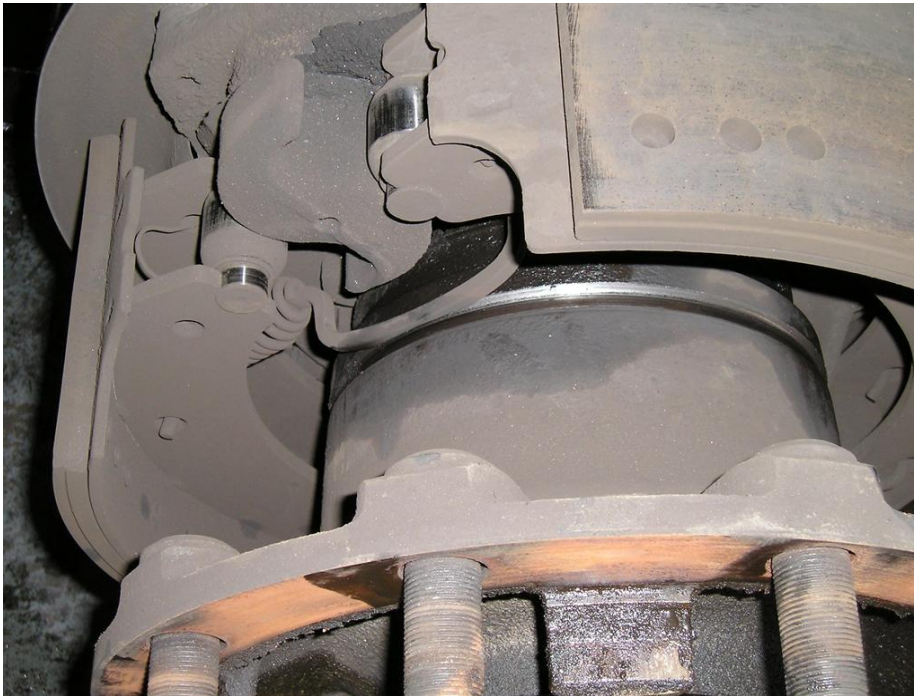
Improper installation of the brake return spring will not provide proper clearance between the return spring and the wheel hub allowing for metal to metal contact between the two components. The harder spring steel cuts through the cast steel or aluminum of the wheel hub, as seen below

**SYMPTOMS**

Noise coming from the front axle at all speeds.

**CHECK**

Remove the front wheels and drums and check for the following condition as shown in the figures below.

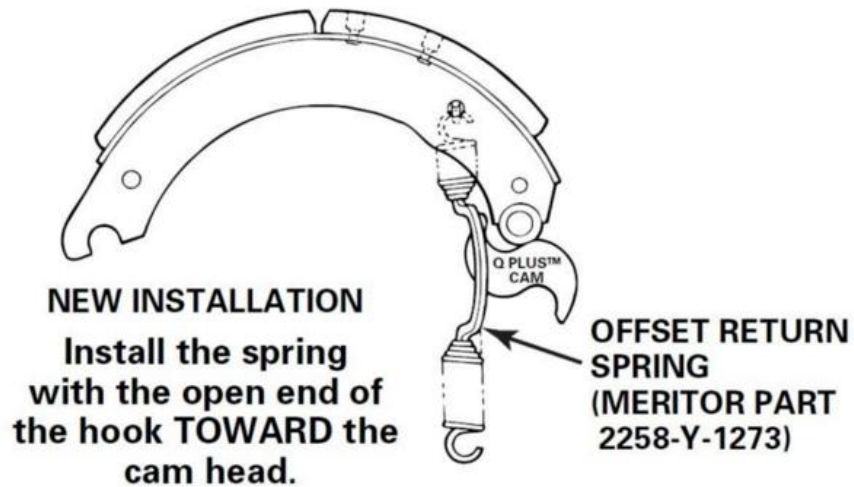


## CORRECTION

This spring can be installed 4 ways and only 1 position is correct. Click [Visual Aid attachment](#) for identification of correct orientation

## Visual Aid

Ensure the brake shoe return spring is fitted correctly as shown in the extract from the Maintenance Manual below, the manual can be found at this link, [/service\\_kb/iKNow/Documents/Published/IK0200011/Files/ARM\\_manual.pdf](/service_kb/iKNow/Documents/Published/IK0200011/Files/ARM_manual.pdf)



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