

Date	Expiration	Release	Page
05.2015	05.2017	2	1(3)

Rev C: This version supersedes any previous versions.
Sept 24, 2015 English version.

16500 LB I BEAM SUSPENSION INSPECTION Prevost vehicles

DESCRIPTION

Two cases of profile defects have been reported in production for the Dana I-beam axle.

Inspect vehicles involved to clarify the scope of the potential issue. Bulletin involves **X3-45 & H3-45 built after January 17 2014 (after E-2610 H Series or E-5636 X Series)**.

MATERIAL

According to inspection result, order the following part:

Part No.	Description	Qty
5002004	SCREW SET HEX CUP M16X2X40 ZP	1

PROCEDURE



DANGER

Park vehicle safely, apply parking brake, stop engine. Prior to working on the vehicle, set the ignition switch to the OFF position and trip the main circuit breakers equipped with a trip button. On Commuter type vehicles, set the battery master switch (master cut-out) to the OFF position.

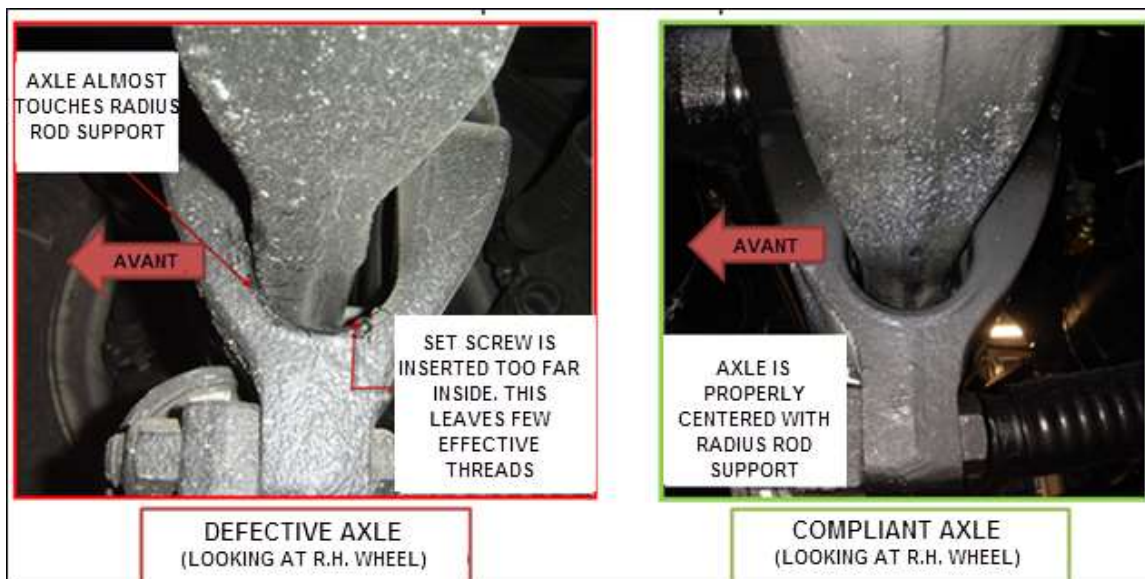


Figure 1: red Arrow 'Avant' points toward the front of the vehicle

Date	Expiration	Release	Page
05.2015	05.2017	2	2(3)

INSPECTION

Note inspection result in file available here :

<http://teamplace.volvo.com/sites/vbc-scr-dtr-service/Service%20tips/Technical%20Publications/Other/SP15-31.xlsx>

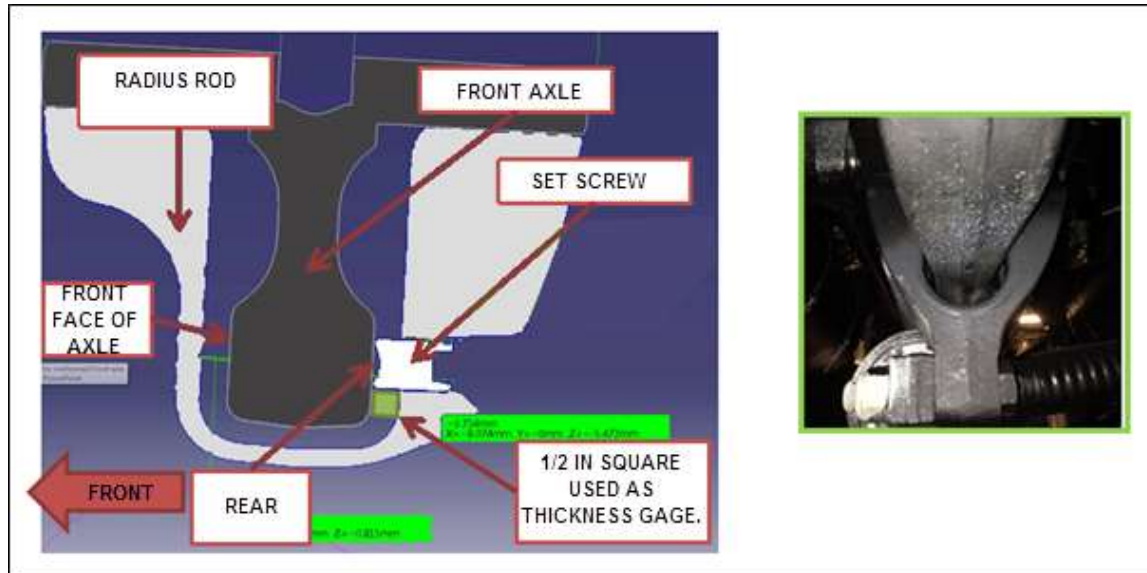


Figure 2

Find a 1/2 in square tubing or bar and use it as a thickness gage. Insert the tube or bar behind the front axle right side radius rod support as shown in fig. 2.

If the tube cannot be inserted and the rear of the axle does not touch the radius rod support, the set screw should be replaced by another set screw #5002004 M16 x 2.0 x 40mm.

If the 1/2 in gage can be inserted, but the front of the axle appears to touch the radius rod support, confirm this is the case by performing the following inspection:

- Attempt to slide a 0.100 in thickness gage between the front of the axle and the radius rod support. Perform this inspection on both sides of the support. Remove any gravel guard thickness preventing the inspection of a gap.

Type the inspection results in file: <http://teamplace.volvo.com/sites/vbc-scr-dtr-service/Service%20tips/Technical%20Publications/Other/SP15-31.xlsx>

Place any pictures in a folder bearing the tech ID of the vehicle.

PARTS / WASTE DISPOSAL

Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)

ESTIMATED TIME

The time required to perform this special bulletin is approximately ¾ of hour.

Date	Expiration	Release	Page
05.2015	05.2017	2	3(3)

OTHER

VBC Bulletin	N/A
Fail Code	07.04
Defect Code	09
System Condition	B
Causal Part	611351

Prevost engages in a continuous program of testing and evaluating to provide the best possible product. Prevost, however, is not committed to, or liable for updating existing products.