



**MERITOR**

Meritor HVS Australia Ltd.  
70-76 Berkshire Road  
Sunshine North, Victoria 3020 Australia

## PRODUCT INFORMATION LETTER # 11-002

**Date:** September 2011

**Subject:** Welded Dowel Discontinuation for Iveco Trucks, Australia

**Models:** RS160, RT140G, RT145GP and RT160GP

Dear Customer,

In the interest of continued process improvement, Meritor Australia has discontinued the use of projection welded dowels on axle housings, which are used to locate the spring seat brackets for HAS, Primaax and Iveco's Vari-Rate suspensions.

The welded dowels have been replaced by locating plates that are welded to the axle housing legs.

The locating plates or dowels serve as reference points on the axle for positioning the spring seat brackets during assembly and are not designed to act as structural supports or accept any external loads.

Top level tandem axle specification numbers remain unchanged with the introduction of the locating plates; however, new service level housing part numbers have been created. Service level housings with dowels will no longer be available through the Commercial Vehicle Aftermarket (CVA) channels.

**Issued by Product Engineering  
Meritor HVS Australia**



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The table below provides the part numbers for the superseded housings with dowels as well as replacement housings with locating plates.

<b>TABLE 1: Superseded service level housing (with dowels) to suit</b>				
<b>Axle Model</b>	<b>Brake Type</b>	<b>HAS</b>	<b>PRIMAAX</b>	<b>VARI-RATE</b>
<b>RS160</b>	Drum	Z31 3121A1951P	Z43 3121X1402P	Not available
<b>RP / RD20-145</b>	Drum	Z53 3121H1828P	Not available	Not applicable
<b>RR20-145</b>	Drum	Z53 3121G1827P	Z53 3121G1827P	Not applicable
<b>RP23-160</b>	Drum	Z31 3121B1952P	Z61 3121B1952P	Not applicable
<b>RR23-160</b>	Drum	Z31 3121A1951P	Z31 3121A1951P	Not applicable
<b>RP23-160</b>	Disc	Not available	Z12 3121Y1403P	Not applicable
<b>RR23-160</b>	Disc	Not available	Z12 3121X1402P	Not applicable

<b>TABLE 2: Replacement service level housing (with locating plates) to suit</b>				
<b>Axle Model</b>	<b>Brake Type</b>	<b>HAS</b>	<b>PRIMAAX</b>	<b>VARI-RATE</b>
<b>RS160</b>	Drum	Not available	Z80 3121A1951P	Z85 3121A1951P
<b>RP / RD20-145</b>	Drum	Z90 3121H1828P	Z89 3121H1828P	Not applicable
<b>RR20-145</b>	Drum	Z90 3121G1827P	Z89 3121G1827P	Not applicable
<b>RP23-160</b>	Drum	Z83 3121B1952P	Z81 3121B1952P	Not applicable
<b>RR23-160</b>	Drum	Z83 3121A1951P	Z81 3121A1951P	Not applicable
<b>RP23-160</b>	Disc	Not available	Z82 3121B1952P	Not applicable
<b>RR23-160</b>	Disc	Not available	Z82 3121A1951P	Not applicable

NOTE: The service level housings (with locating plates), as supplied by CVA, suit the narrow chassis width on vehicles equipped with HAS, PRIMAAX and Vari-rate series suspensions.

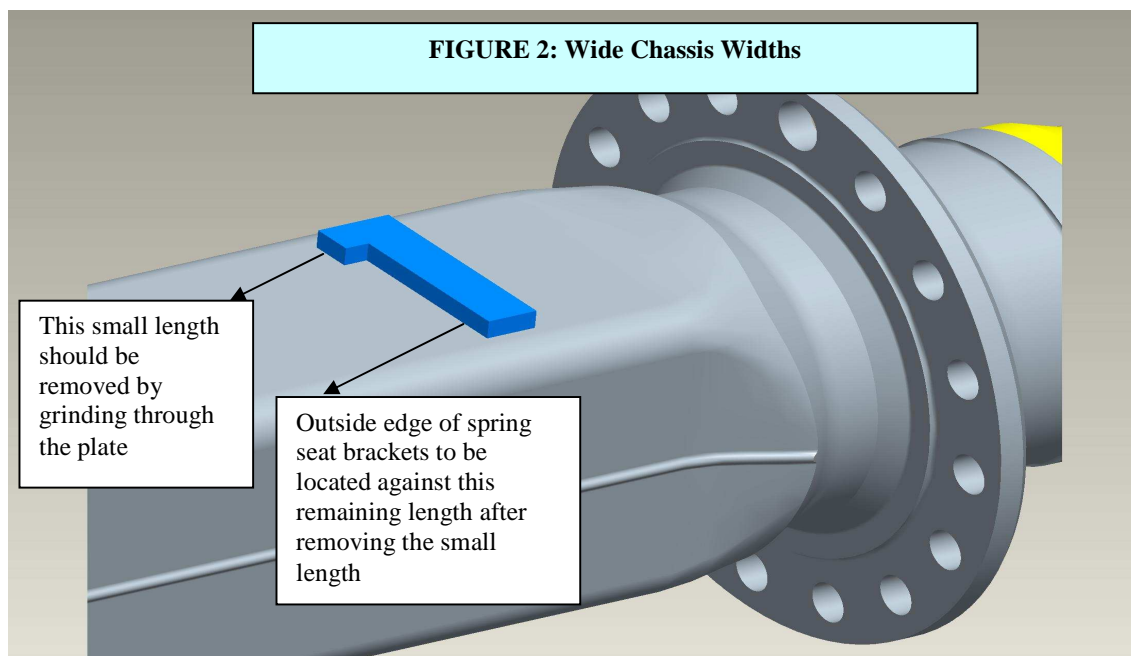
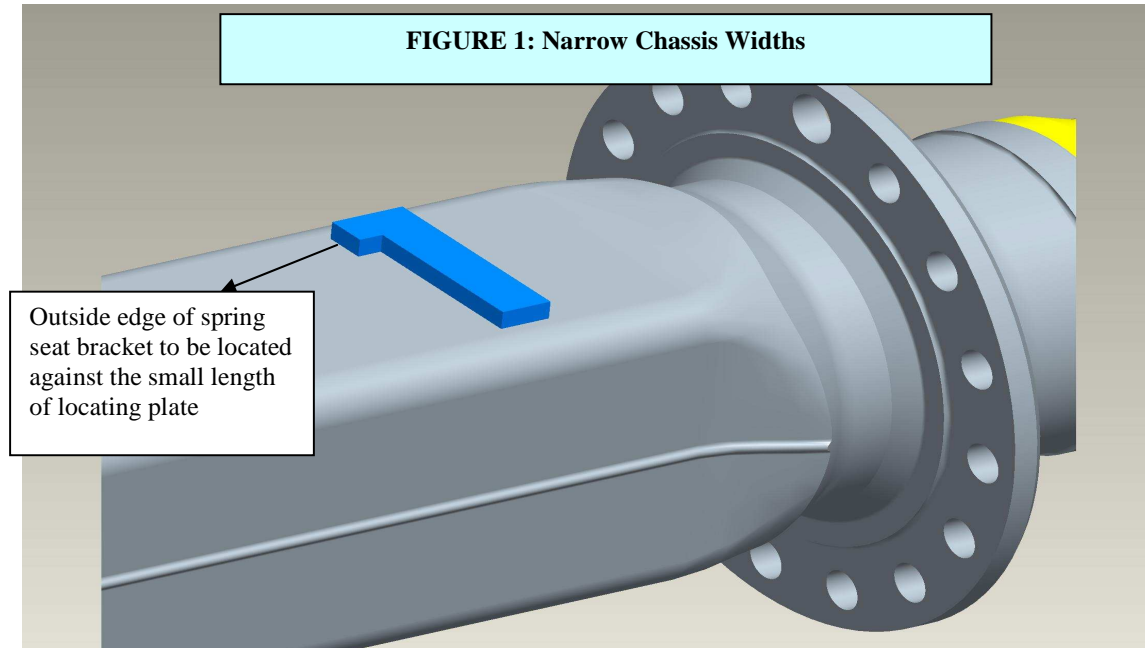
However, the same service level housings can also be installed in vehicles with wide width chassis, albeit with minor rework to the locating plate.

For vehicles with narrow chassis widths, the axle should be installed so that the outside edge of the spring seat brackets may be located against the small length of the locating plate (Refer Figure 1 on page 3).

For vehicles with wide chassis widths, the small length of the locating plate should be removed by grinding through the plate. Care must be taken to avoid cutting in to the axle housing. The outside edge of the spring seat brackets may then be located against the remaining length of the locating plate (Refer Figure 2 on page 3).



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If you have any questions, please contact a Meritor Australia representative on + 613-93005200