

# Product Information Letter

**Meritor Heavy Vehicle Systems  
Australia Ltd.**  
A.B.N. 86 004 479 430  
70 Berkshire Road (P.O. Box 25)  
Sunshine, Victoria, 3020  
Tel: (61 3)9311-6555  
Fax: (61 3)9312-1810  
Aftermarket Service Parts  
Tel: (61 3)9312-4322  
Fax: (61 3)9310-2911



## PRODUCT INFORMATION LETTER # 07-001

**Date:** February 2007

**Subject:** Carrier-to-Housing Tapered Dowels

**Models:** MT/RT46-160GP & MT/RT50-160GP Forward Carrier

Dear Customer

In the interest of continuous product improvement, ArvinMeritor has changed the carrier-to housing fastener system on all MT/RT46-160GP and MT/RT50-160GP tandem axles.

The addition of six tapered dowels to the fasteners will help reduce the potential for carrier-to-housing lubricant leaks especially on axles operating in severe conditions.

This change is being phased in on local (Australian) assembled production as a running change, starting in February 2007.

Please be aware that the tapered dowel and fastener system may effect how clips or other components are attached to the axle if these six fasteners are used. Torque values on the tapered dowel fasteners need to be maintained at 306 N • m (225 lb-ft).

Carriers with the new tapered dowel system can be identified by inspecting the carrier to housing cap screws. Affected forward 160GP model axles will have six fasteners raised approximately 5 mm (0.2 in.) from the carrier flange with the tapered dowel clearly visible (the attached drawing shows the locations along with a cross section of the tapered dowel design).

Existing MT/RT46-160GP and MT/RT50-160GP axles can be converted to the new tapered dowel system in the field. Please refer to technical Service Bulletin numbers TSB-07-001 and TSB-07-002, available through normal ArvinMeritor aftermarket channels, for details.

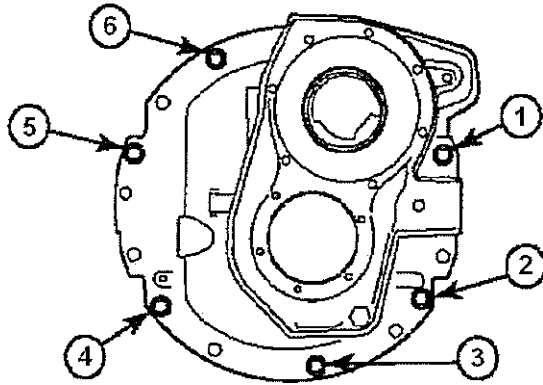
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**Use only genuine Meritor parts**  
An ArvinMeritor brand

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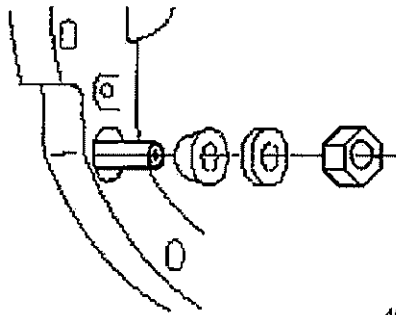
# Product Information Letter

## Tapered Dowell Locations



404488a

## Tapered Dowel Exploded View



405007a

Position	Stud (new part number)	Replaces (old part number)	Dowell (new part number)	Washer (as current)	Nut (as current)
1	SN 1023 1	SN 1021 1	1246-V-1166	1229-U-1503	N 110 1
2	SN 1023 1	SN 1021 1			
3	SN1036 1	SN 1034 1			
4	SN 1023 1	SN 1021 1			
5	SN 1023 1	SN 1021 1			
6	SN1036 1	SN 1034 1			