



# SERVICE BULLETIN No.1173

Circulate to listed addressees

<b>COACH MODEL</b>	: T2145 and C2045
<b>BULLETIN TYPE</b>	: Service Information
<b>MANUAL &amp; SECTION</b>	: Maintenance Manual: Chapter 5 - Brakes Spare Parts Manual: Section 644709 – ABS
<b>PARTS BOOK REVISION</b>	: Yes
<b>DATE</b>	: December 19, 2005
<b>SUBJECT</b>	: <b>New ABS/ASR sensors on Dana 11.36 drive axle</b>
<b>TERMS &amp; CONDITIONS</b>	: No claims will be accepted with reference to this Bulletin

## APPLICATION:

The new parts subject of this Bulletin have been cut into production as from following units:

Model	Engine	Drive axle 11.36	Brakes	Bearing	ABS sensor*	VIN
T2145	Cummins	Dana 826026	D-ELSA	Unitized	VH 10796792	44123 →
	Detroit Diesel	Dana 826026	D-ELSA	Unitized	VH 10796792	43991 →
C2045	Cummins	Dana 826026	D-ELSA	Unitized	VH 10796792	45137 →
	Detroit Diesel	Dana 826026	D-ELSA	Unitized	VH 10796792	45621 →

\*New

## DESCRIPTION:

With the introduction of unitized wheel bearings on the Dana 11.36 type drive axle, the ABS/ASR sensors on this axle have been changed. The old and the new sensors are NOT interchangeable, so both are being offered as service replacements.

For more details and part numbers, refer to Figure 1 and the comparative chart in the parts section on page 2/2 of this Bulletin.

*Service personnel: please read, initial and circulate.*

Service Manager	Parts Manager	Warranty Administrator	Workshop Foreman	Service Technician

**PARTS AND PRODUCTS:**

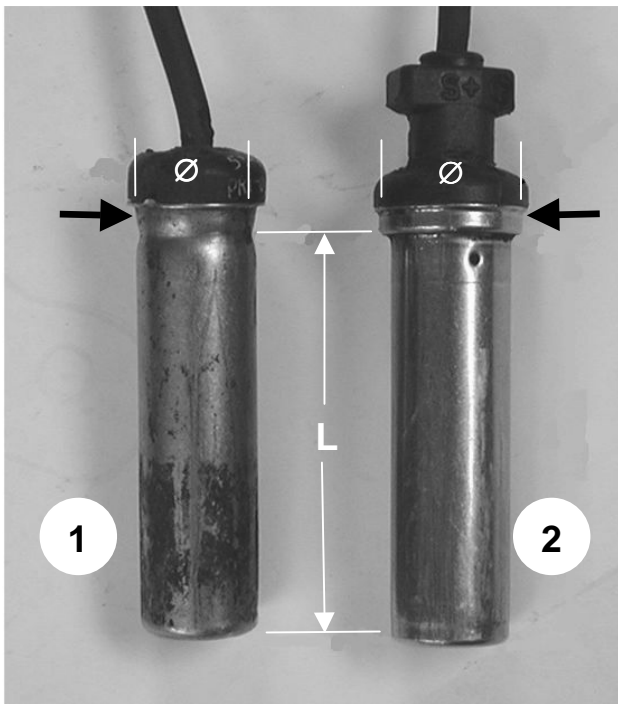


Figure 1 (left): Physical differences between old ABS/ASR sensor VH 10692775 (1) and the new VH 10796792 (2)

Figure 2 (below): Stepped sensor VH 10796792 won't fit Dana drive axle 826000. Shoulder prevents it from being pushed home fully.



**Part comparison**

Pos.	Description	Part #	Feature	Drive axle	Part #	Ø (in)	L (in)
1	ABS sensor	VH 10692775	No shoulder	Dana 826000	VH 10649530	5/8	2-3/32
2	ABS sensor	VH 10796792	Shoulder	Dana 826026	VH 10690664	3/4	2-3/32

**Old parts**

Part No.	Description	Qty.
VH 10692775	ABS/ASR sensor, Dana 826000 drive axle w/ traditional bearings, NLA	2

**New parts**

Part No.	Description	Qty.
VH 10853319	ABS/ASR sensor, Dana 826000 drive axle w/ traditional bearings	2
VH 10796792	ABS/ASR sensor, Dana 826026 drive axle w/ unitized bearings	2

- Old part # VH 10692775 has been replaced by identical part # VH 10853319.
- Part VH 10853319 and VH 10796792 are NOT interchangeable (see Figure 2).
- Both new parts are available as service replacements.
- Parts may be purchased from your nearest ABC Customer Care & Parts Source dealership.

**PROCEDURE:**

- The Maintenance Manual procedure to replace the drive axle ABS/ASR sensors remains unchanged.

**SERVICE INFORMATION:**

Service Bulletins are issued to supplement or supersede information in the Van Hool manuals. Note Service Bulletin number, date and subject on the register at the end of the relevant chapter(s). File Service Bulletin separately for future reference.