

Date: June 2014
Subject: Carrier-to-Housing Fastener System Changed to Include Tapered Dowels
Models: RT-XX-160 (Rear Carriers) & MC/RC/RS-XX-160

In the interest of continuous product improvement, Meritor has changed the carrier-to-housing fastener system for RR-XX-160 and RC-23-160. To support this change, Meritor will be replacing the existing A80-3200-T-1892-XXX carriers with A33-3200-F-2138-XXX and B51-3200P1706-XXX carriers with A7-3200E2137-XXX. Axle Specification numbers remain the same.

To minimise the potential for carrier-to-housing leaks, A33-3200F2138-XXX and A7-3200E2137-XXX carriers will be equipped with tapered dowels as part of the carrier-to-housing fastening method. A33 and A7 carriers will be introduced into production as a running change, A33 carriers starting from June 2014.

Carrier Identification and Fasteners used

The carrier mounting pattern of A80 & A33 carriers are provided in Figure 1 and B51 & A7 carriers are provided in Figure 2. The highlighted fastener locations as shown in A33 and A7 carrier will include the tapered dowel.

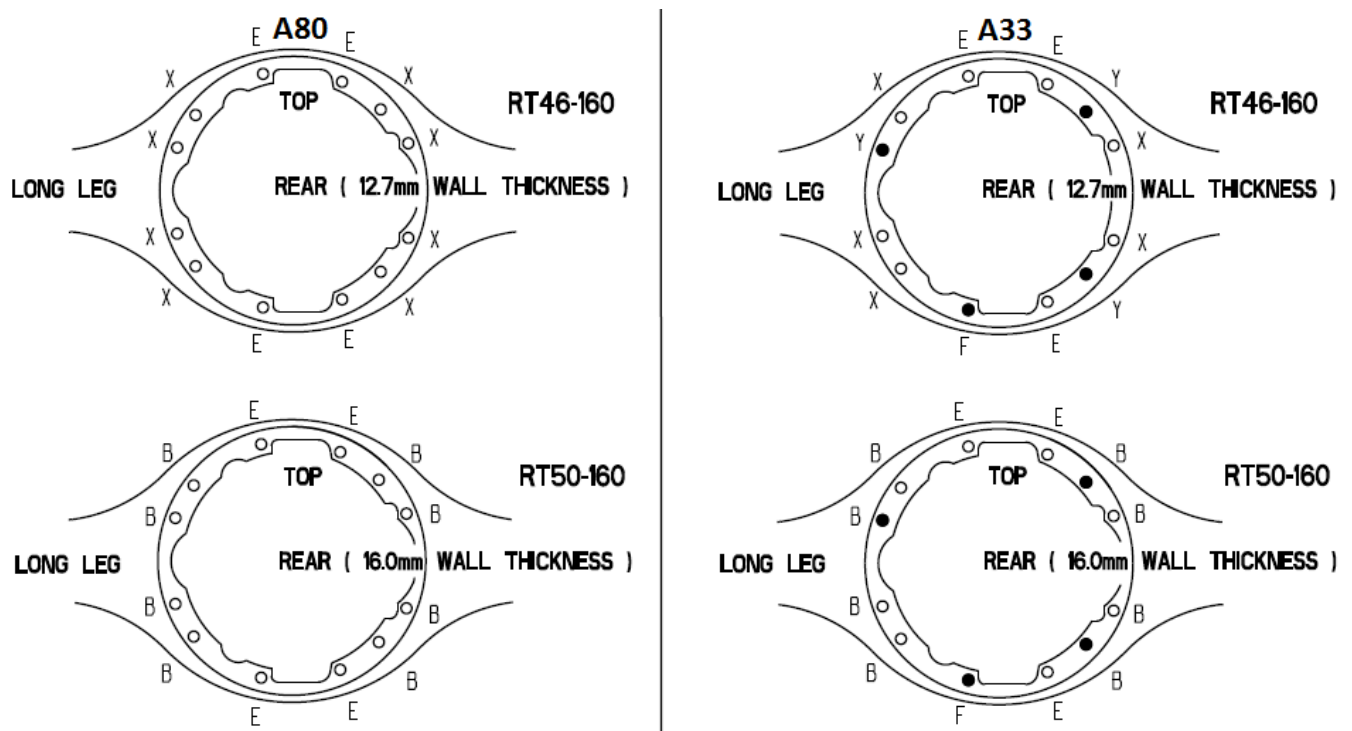


Figure 1. Carrier Mounting Pattern of A80 and A33 Carriers

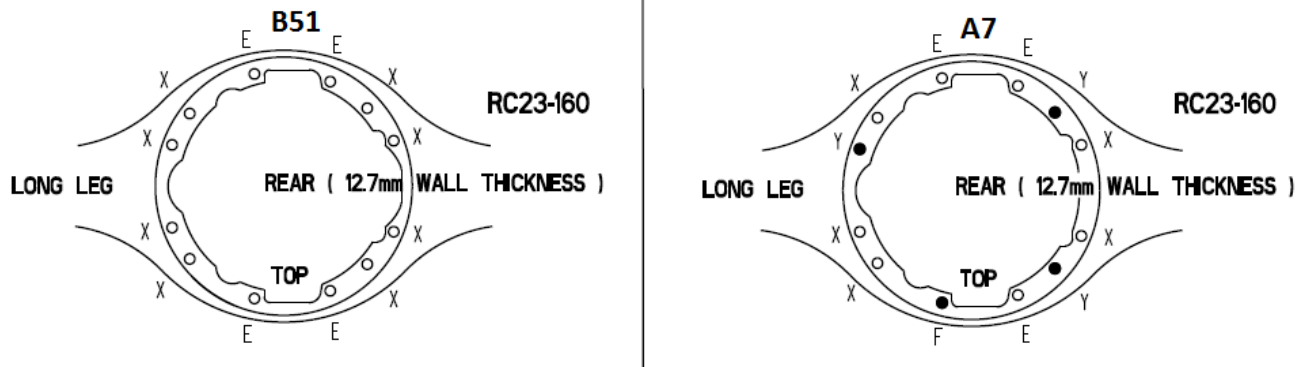


Figure 2. Carrier Mounting Pattern of B51 and A7 Carriers

The fasteners used in the A80 & B51 carriers have insufficient length to accommodate the inclusion of the tapered dowel, so it is important to use the appropriate fasteners for each carrier type as indicated in Table 1 below

A80 / B51 CARRIER				A33 / A7 CARRIER			
FASTENER	TYPE	PART No.	L (mm)	FASTENER	TYPE	PART No.	L (mm)
B	STUD	4X1929	70	B	STUD	4X1929	70
E	STUD	4X1927	121	E	STUD	4X1927	121
X	CAPSCREW	10X1594	44	F	STUD	4X1960	135
N/A				X	CAPSCREW	10X1594	44
				Y	CAPSCREW	10X1595	51

Table 1. Carrier Fasteners to be used

Using incorrect fasteners will potentially lead to insufficient fastener length or excess fastener length resulting in a gap between the washer and the nut.

Aftermarket

A33 & A7 carriers can be retrofitted onto their respective housings provided appropriate fasteners are used as indicated in Table 1.

If you have any questions, please contact a Meritor Australia representative on +613 9300 5200

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