



Meritor HVS Australia Ltd
70-76 Berkshire Road
Sunshine North, Vic Australia

Date: August 2016
Subject: Service Level Axle Housings to suit Airglide Suspension for Kenworth Australia
Models: RT-40-140G, RT-40-145GP, RT-46-160GP and RT-50-160GP

Dear Customer,

This Product Information Letter provides Meritor Australia’s part numbers for service level axle housings to suit Kenworth’s Airglide suspensions.

All service housings include welded suspension brackets, studs for installing the differential carrier and housing plugs.

In addition, some service housings may also include welded blocks on the housing spindle for ABS sensor installation and welded brackets for supporting the brake chamber bracket (camshaft tube).

Refer to table below and to the notes.

Axle model	Suspension Ride Height (Inches)	Brake Type	Service housing wall thickness (mm)	Welded support for brake chamber brackets	Welded block for ABS	Service level housing part number
RD-20-140 RP-20-145	9"	S-Cam Brakes (Q-Plus and P)	12.7	Yes	Yes	C14 3121H1828S
	No			No	C16 3121H1828S	
RD-20-140 RP-20-145	10.5"		Yes	Yes	C15 3121H1828S	
	No		No	C17 3121H1828S		
RP-23-160 RP-25-160	9"		Yes	Yes	C21 3121B1952S	
	No		No	C23 3121B1952S		
RP-23-160 RP-25-160	10.5"		Yes	Yes	C22 3121B1952S	
	No		No	C24 3121B1952S		
RR-20-140 RR-20-145	9"		Yes	Yes	C16 3121G1827S	
	No		No	C18 3121G1827S		
RR-20-140 RR-20-145	10.5"		Yes	Yes	C17 3121G1827S	
	No		No	C19 3121G1827S		
RR-23-160 RR-25-160	9"		Yes	Yes	C32 3121A1951S	
	No		No	C34 3121A1951S		
RR-23-160 RR-25-160	10.5"	Yes	Yes	C33 3121A1951S		
	No	No	C35 3121A1951S			
Axle model	Suspension Ride Height (Inches)	Brake Type	Service housing wall thickness (mm)	Welded support for brake chamber brackets	Welded block for ABS	Service level housing part number
RD-20-140 RP-20-145	9"	Air Disc Brakes (EX225)	12.7	Not required	Yes	C18 3121H1828S
	No			No	Z73 3121H1828P	
RD-20-140 RP-20-145	10.5"		Yes	C19 3121H1828S		
	No		No	Z74 3121H1828P		
RP-23-160 RP-25-160	9"		Yes	C10 3121B1952S		
	No		No	Z44 3121B1952P		
RP-23-160 RP-25-160	10.5"		Yes	C11 3121B1952S		
	No		No	Z45 3121B1952P		
RR-20-140 RR-20-145	9"		Yes	C20 3121G1827S		
	No		No	Z73 3121G1827P		
RR-20-140 RR-20-145	10.5"		Yes	C21 3121G1827S		
	No		No	Z74 3121G1827P		
RR-23-160 RR-25-160	9"		Yes	C15 3121A1951S		
	No		No	Z44 3121A1951P		
RR-23-160 RR-25-160	10.5"	Yes	C16 3121A1951S			
	No	No	Z45 3121A1951P			

Notes:

1. For axles specified with 10 stud aluminium hubs, the service housings with welded ABS blocks are suitable.
2. For axles specified with 10 stud ductile hubs and manufactured after February 2013, the service housings with welded ABS blocks are suitable.
3. For axles specified with 10 stud ductile hubs and manufactured before February 2013, the service housings without welded ABS blocks should be ordered.
 - a) For ABS installation on these axles, a bolt-on bracket (part number 2237-J-1440) and two long length cap screws (part number S-11018-1) are also required to be installed on the housing flange and brake spider interface.
4. For axles specified with spoke hubs, the service housings without welded ABS block should be ordered.
 - a) For ABS installation on axles specified with spoke hubs and manufactured between February 2014 and August 2014, a bolt-on bracket (part number 2237-K-1441) and two long length cap screws (part number S-11018-1) are also required to be installed on the housing flange and brake spider interface.
 - b) For ABS installation on all other axles specified with spoke hubs, a different bolt-on bracket (part number 2237-J-1440) and two long length cap screws (part number S-11018-1) are also required to be installed on the housing flange and brake spider interface.
5. For axles specified with EX225 disc brakes, the service housings without welded brake chamber support brackets are required.
6. When ordering the service level housings, the axle installation angle should also be specified by the customer so that the suspension brackets can be welded at the correct angle. The axle installation angle is specific for each vehicle, based on chassis configuration.

For any questions relating to the above, please contact a Meritor® Australia representative on +613-9300-5200.

**Issued by Product Engineering
Meritor HVSA Ltd**