



Assemble Main Hubs, Rims, Tyres and Brake Disc

Reference: Drawing 6000092/2, 6071053/3
Photo

Parts Required:

<u>Medium B</u>	<u>Description</u>	<u>Qty</u>
6000294	Brake Disk	(2)
6055044	Wheel Hub	(2)
607205N	Rim - Main Wheel	(4)
AN4-10A	Bolt - Wheel Halves	(8)
MS20365-428	Nut - Wheel Halves	(8)
AN960-416	Washer - Wheel Halves	(8)
PB0029N	Bearing	(4)
AN3-6A	Bolt - Disk Brake	(8)
MS20365-1032	Nut - Disk Brake	(8)
AN960-10	Washer - Disk Brake	(8)
PU0099N (500/6)	Tyre	(2)
PU0109N (500/6)	Tube	(2)
6082074	Plate Reinforcements	(4)
AN3-10A	Bolt - Reinforcements	(16)
MS20365-1032	Nut - Reinforcements	(16)
AN960-10	Washer - Reinforcements	(16)

Material Required: Nil

Procedure:

1. Press 2 bearings (PB0029N) into each hub ensuring they are properly bottomed onto the shoulder of the Hub. Use a Socket the same out side dia as the bearing to press them into the housing in a press or vice.

Note: The outer bearing will be 1-2mm inside hub, not flush. DO NOT PUSH ON THE INNER BEARING as is will damage very easy.

2. Insert tube into tyre and inflate lightly to avoid pinching in rim halves.

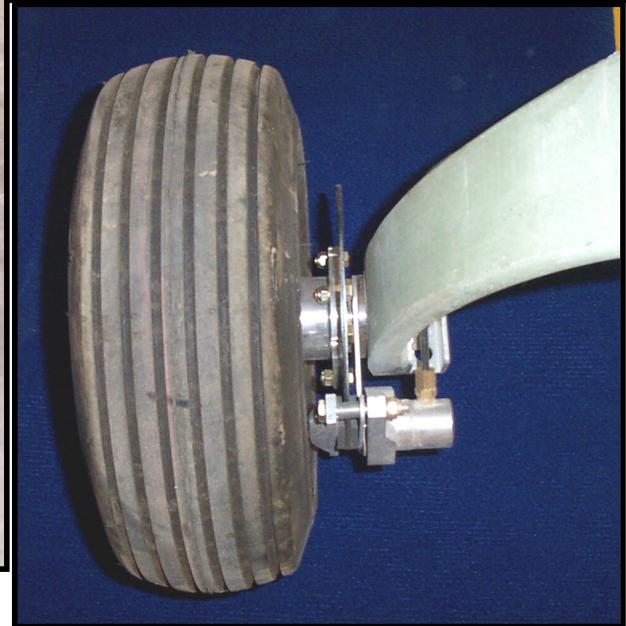


3. (a) Assemble tyre tube and wheel laves to hubs as per drawings 6000092/1 (standard), 6071053/3 Med B Refer to Photo

4. **Med B** - Bolt rim reinforcements to both sides of rims as per drawing 6071053/3. Refer to Photo

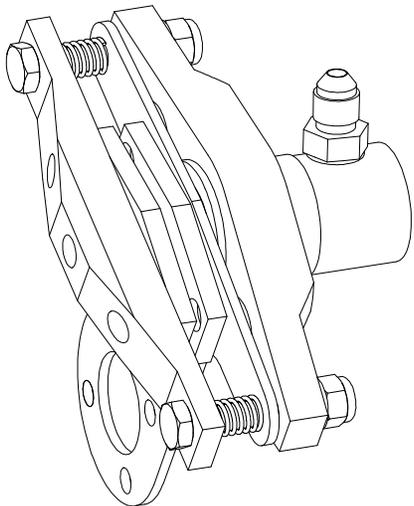
Note: Four 3/16" holes will have to be drilled in rims.

5. Bolt brake disc to hubs as per drawing 6000092/2 and 6071053/3.

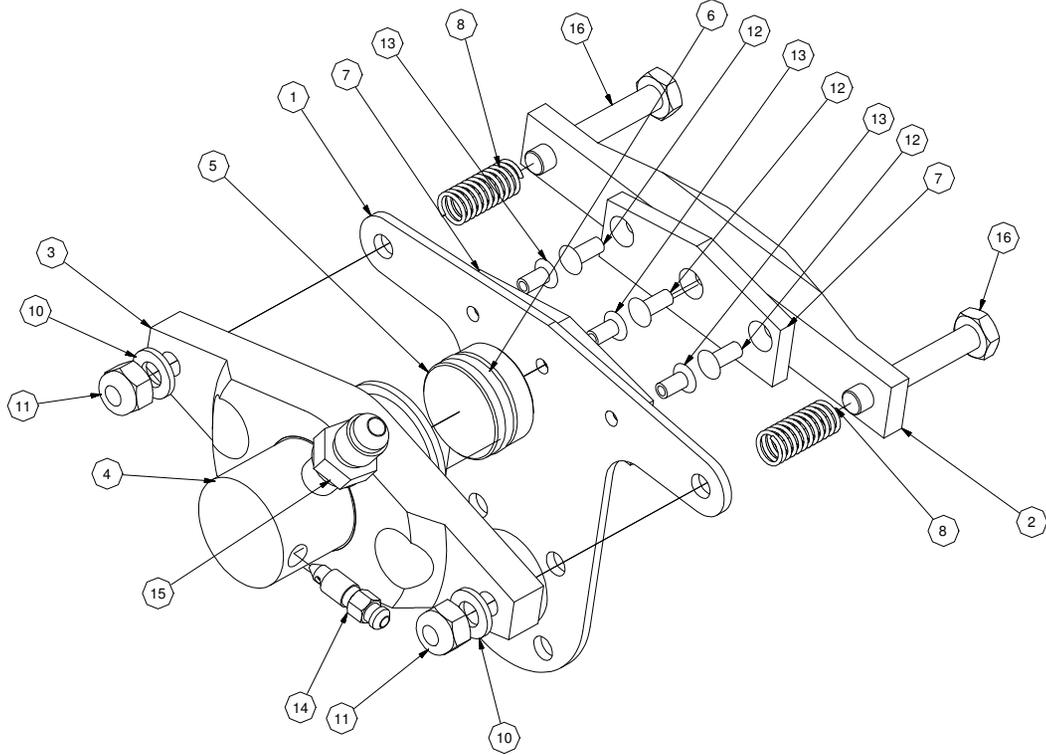




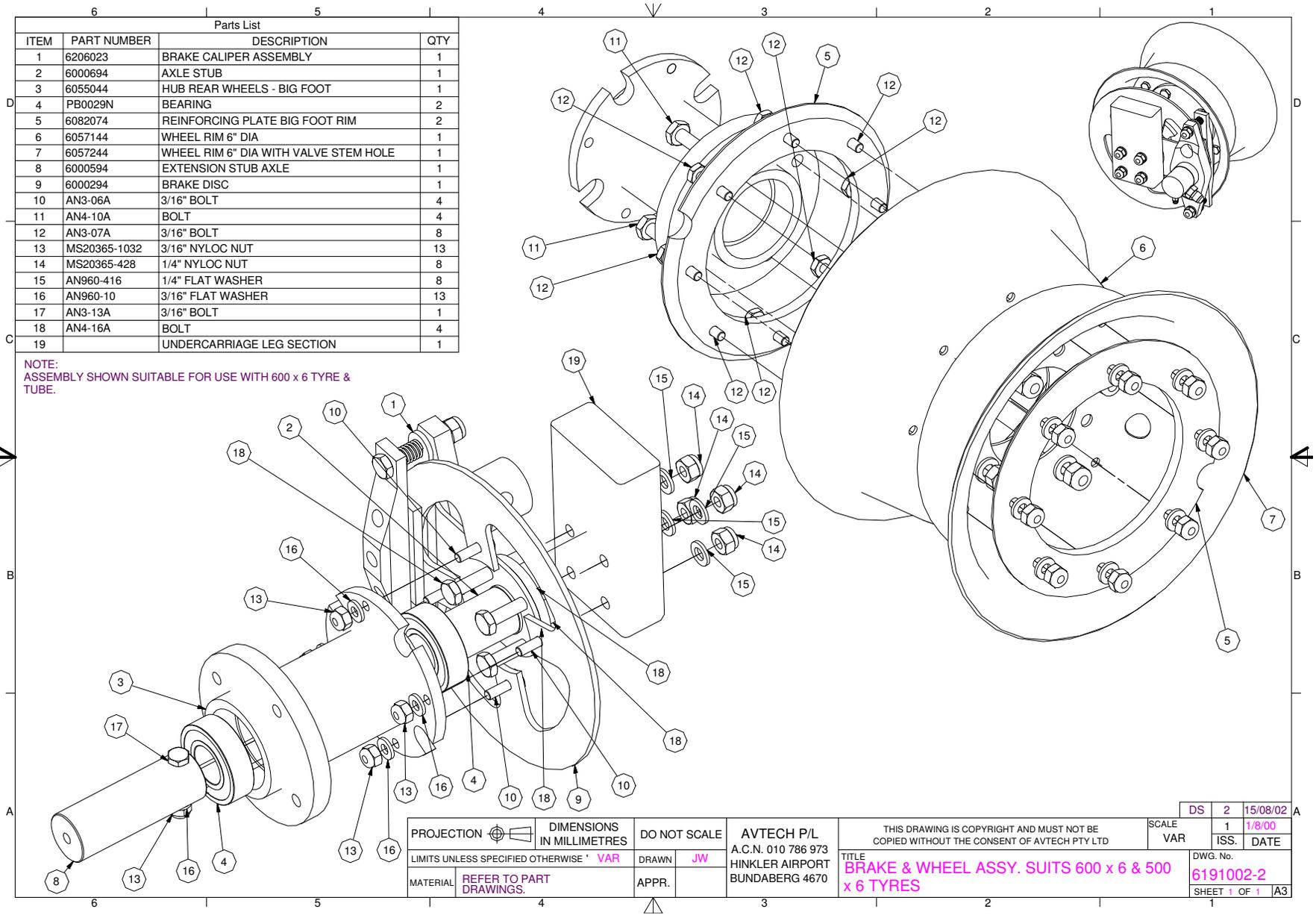
Parts List			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	6000894	MOUNTING PLATE CYLINDER & PAD	1
2	6000194	MOUNTING PLATE DISC PAD	1
3	6017094	PISTON BODY ARM	1
4	6088084	PISTON BODY WITH BLEED	1
5	6190404	BRAKE PISTON O-RING SEAL	1
6	BS210	BS210 O RING	1
7	6000994	BRAKE PAD	2
8	PX0029N	BRAKE SPRING	2
10	AN960-416	1/4" FLAT WASHER	2
11	MS20365-428	1/4" NYLOC NUT	2
12	R121	RIVET	3
13	R120	RIVET	3
14	6100094	NIPPLE BRAKE BLEEDER	1
15	PZ0029N	BRAKE NIPPLE	1
16	AN4-16A	BOLT	2



ASSEMBLED BRAKE CALIPER



PROJECTION	DIMENSIONS IN MILLIMETRES	DO NOT SCALE	AVTECH P/L A.C.N. 010 786 973 HINKLER AIRPORT BUNDABERG 4670	THIS DRAWING IS COPYRIGHT AND MUST NOT BE COPIED WITHOUT THE CONSENT OF AVTECH PTY LTD	SCALE VAR	1 ISS.	15/08/02 DATE
LIMITS UNLESS SPECIFIED OTHERWISE "VAR"	DRAWN	DS		TITLE BRAKE CALIPER ASSEMBLY	DWG. No. 6206023-1		
MATERIAL REFER TO PART DRAWINGS	APPR.			SHEET 1 OF 1 A3			



Parts List			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	6206023	BRAKE CALIPER ASSEMBLY	1
2	6000694	AXLE STUB	1
3	6055044	HUB REAR WHEELS - BIG FOOT	1
4	PB0029N	BEARING	2
5	6082074	REINFORCING PLATE BIG FOOT RIM	2
6	6057144	WHEEL RIM 6" DIA	1
7	6057244	WHEEL RIM 6" DIA WITH VALVE STEM HOLE	1
8	6000594	EXTENSION STUB AXLE	1
9	6000294	BRAKE DISC	1
10	AN3-06A	3/16" BOLT	4
11	AN4-10A	BOLT	4
12	AN3-07A	3/16" BOLT	8
13	MS20365-1032	3/16" NYLOC NUT	13
14	MS20365-428	1/4" NYLOC NUT	8
15	AN960-416	1/4" FLAT WASHER	8
16	AN960-10	3/16" FLAT WASHER	13
17	AN3-13A	3/16" BOLT	1
18	AN4-16A	BOLT	4
19		UNDERCARRIAGE LEG SECTION	1

NOTE:
ASSEMBLY SHOWN SUITABLE FOR USE WITH 600 x 6 TYRE & TUBE.

PROJECTION		DIMENSIONS IN MILLIMETRES	DO NOT SCALE	AVTECH P/L A.C.N. 010 786 973 HINKLER AIRPORT BUNDABERG 4670	THIS DRAWING IS COPYRIGHT AND MUST NOT BE COPIED WITHOUT THE CONSENT OF AVTECH PTY LTD	SCALE VAR 1	ISS. DATE 15/08/02
LIMITS UNLESS SPECIFIED OTHERWISE	VAR	DRAWN	JW		TITLE BRAKE & WHEEL ASSY. SUITS 600 x 6 & 500 x 6 TYRES	DWG. No. 6191002-2	SHEET 1 OF 1
MATERIAL	REFER TO PART DRAWINGS.	APPR.					A3