

B1 INSTALLATION DRAWING

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GENERAL DESCRIPTION
6 PISTON DIFFERENTIAL BORE CALIPER TO SUIT UP TO A Ø390mm x 35.56mm MAX / 32mm MIN THICK IRON DISC. PADS ARE RETAINED BY A BOLTED RETAINER, WITH A QUICK-RELEASE SPRING CLIP SUPPLIED FOR USE IN EVENTS WHEN FAST PAD CHANGES ARE REQUIRED.

APPLICATION
GENERAL USE CALIPER

TECHNICAL INFORMATION
TOTAL PISTON AREA: 50cm²
BODY MATERIAL: ALUMINIUM ALLOY
PISTON MATERIAL: STAINLESS STEEL

ASSEMBLY WEIGHT (LESS PADS, BOLTED PAD RETAINER): 3.1Kg

INSTALLATION INFORMATION
DISC & CALIPER MOUNTING TOLERANCES TO BE SUCH THAT THE DISC IS CENTRAL TO THE CALIPER TO WITHIN ±0.5mm.
DISC DIAMETRAL CLEARANCE SHOULD BE 2.5mm NOMINAL FROM DISC O/D TO PATHWAY.

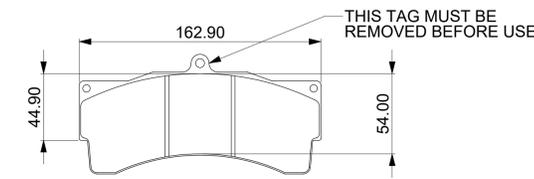
KEY TO DIMENSIONS
'PL' DIMN : TOP OF PAD MATERIAL TO MOUNTING BOSS FACE.
'U' DIMN : WHEEL CENTRE LINE TO CALIPER MOUNTING BOSS FACE = (DISC Ø/2) - PL DIMN

CALIPER PART NUMBERS
CP9665-2S7L - RIGHT HAND
CP9665-3S7L - LEFT HAND

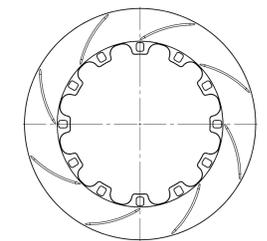
EXAMPLE PART # - CP9665-2 S (SIDE FEED) 7 (7lb AKB SPRINGS) L (STAINLESS PISTONS).

PADS
THE CORRECT PAD FAMILY FOR THIS CALIPER IS CP6230D54. PADS SHOULD BE ORDERED SEPARATELY.

RECOMENDED DISC AND PAD OPTIONS AVAILABLE
D54 DISC AND PAD COMBINATION

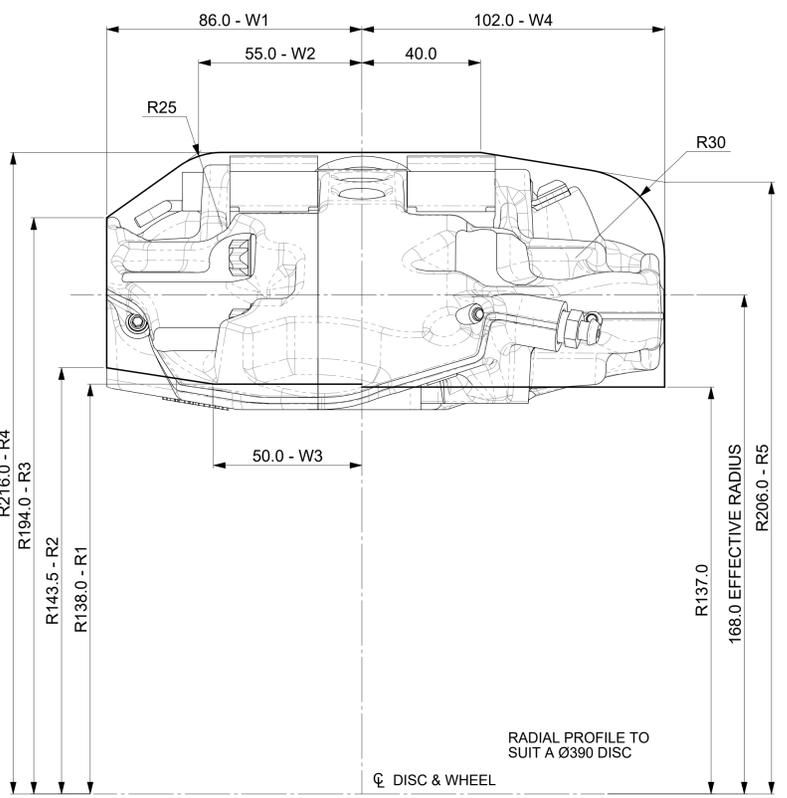
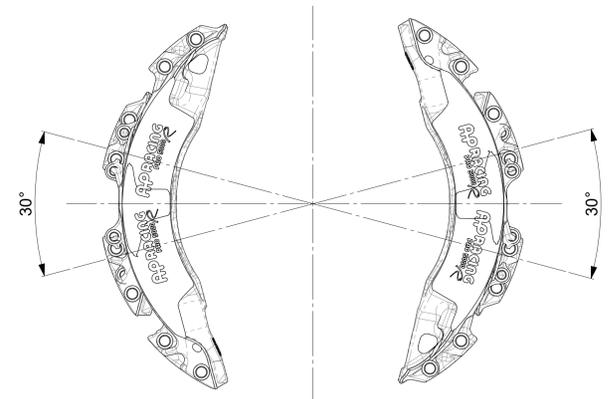


CP6230D54 PAD FAMILY
PAD AREA - 81.6cm²
VOLUME - 164.3cm³
THICKNESS - 25.00mm

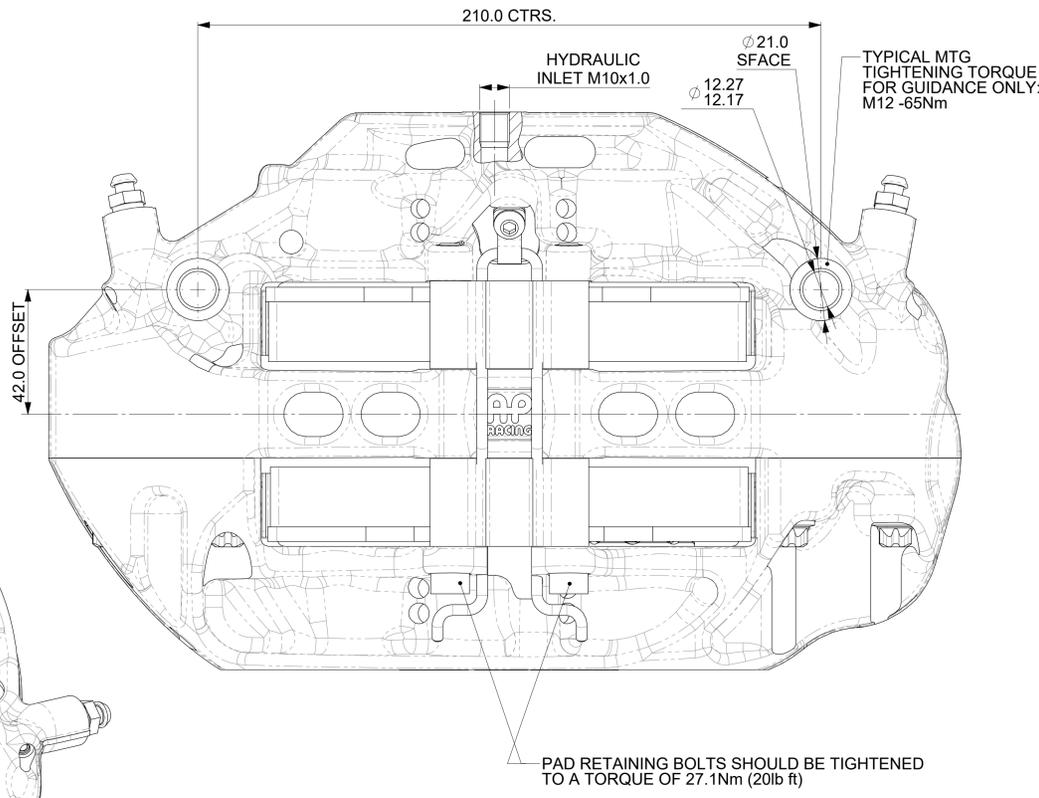
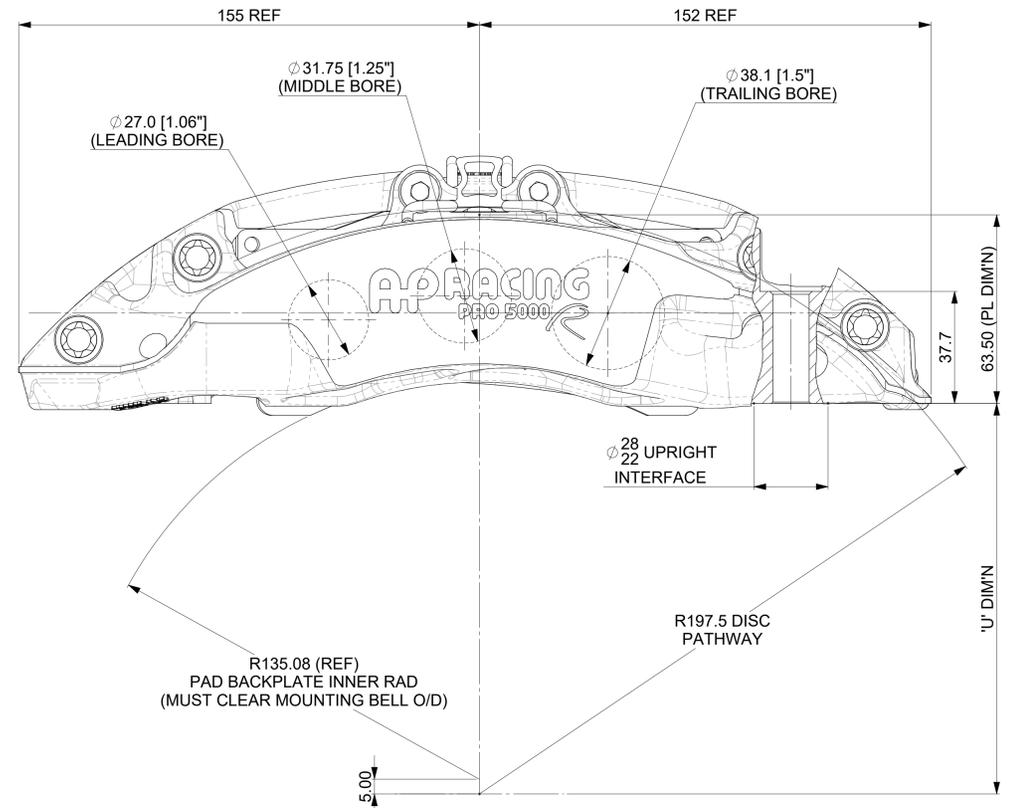


CP4284-134/5CG8 Ø390x36 12F 84v 8.7Kg
CP5772-1030/1CG8 Ø378x32 12f 72v 7.2Kg

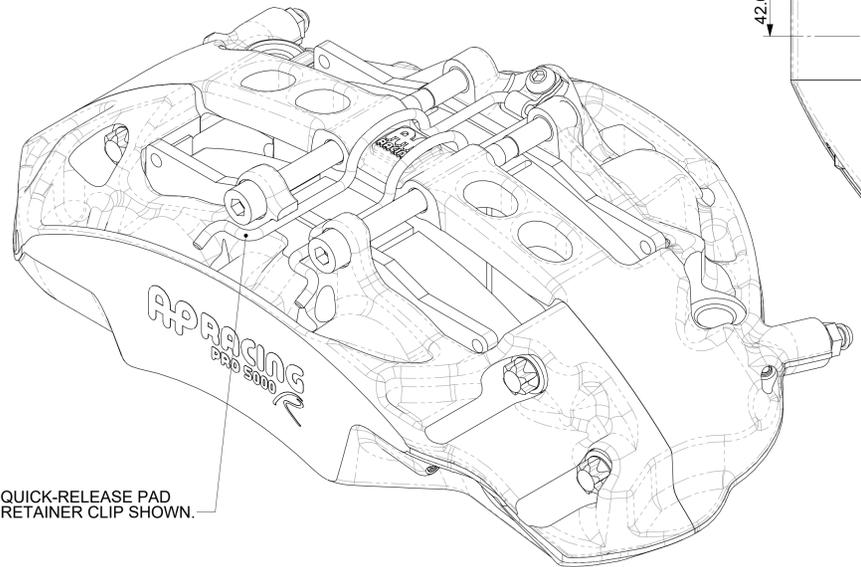
OPTIMUM BLEED POSITIONING
FOR OPTIMUM BLEED, THE CALIPER SHOULD BE INSTALLED IN THE LEADING OR TRAILING POSITION, BETWEEN THE ANGLES SHOWN.



DISC Ø	EFF RAD	R1	R2	R3	R4	R5	W1	W2	W3	W4
378	162	132.00	137.50	188.50	210.50	201.00	86.00	55.00	50.00	102.00



PAD RETAINING BOLTS SHOULD BE TIGHTENED TO A TORQUE OF 27.1Nm (20lb ft)



QUICK-RELEASE PAD RETAINER CLIP SHOWN.

Issue No.	Alterations		Zone	Initials
	Date & No.	Particulars		
1	24 JUN 14 B7060	FIRST ISSUE	#	JT
2	9 JUL 14 B7060	7lb AKB SPRINGS WERE 4lb.	#	JT
3	25 JUL 14 B7060	DRAWING NUMBER CORRECTED.	#	JT
4	18 SEPT 14 B7060	32mm MINIMUM DISC OPTION ADDED.	#	JT
5	13/11/14 B7060	DISC AND PAD OPTIONS ADDED CP9665-12-3 RETAINER KITS ADDED.	#	CH
6	20/11/14 B7060	RADIAL PROFILE UPDATED RADIAL PROFILE TABLE ADDED DISC OPTIONS UPDATED	#	CH
7	13/01/15 B7060	SPARES LIST UPDATED TO INCLUDE CORRECT WEAR PLATES	#	CH
8	14/01/15 B7060	NOTE FOR PAD TAG REMOVAL ADDED. GRAPHICAL CHANGE TO MOUNTING BOSS AREA.	#	CH
9	13/09/16 B7623	MTG. HOLE DIA. CORRECTED FROM 12.3/12.2, NOW 12.27/12.17	#	CH
10	17/07/2017 B7726_01	ADDED TORQUE SPECIFICATIONS TO PAD RETAINING BOLTS	C10	SGW
11	24/08/23 RAC23531	SHEET 2 AKB SPRINGS ADDED TO SPARES TABLE AND MODEL	K10	HMB
12	28/08/2025 WF-004236	CORRECTED PAD RETAINER ERROR IN SPARES TABLE. PART NUMBER CHANGED FROM CP9665-119 TO CP9665-121A	N9	JSD
13	26/02/2026 RAC23616	SHEET 2: CORRECTED LOGO ON EXPLODED VIEW	C11	JSD

SCALE 1:1 SHEET 1 OF 2

DRAWN Jon Tait

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TITLE
6 POT PRO5000 R
CALIPER INSTALLATION

DRG NO. CP9665-1CD

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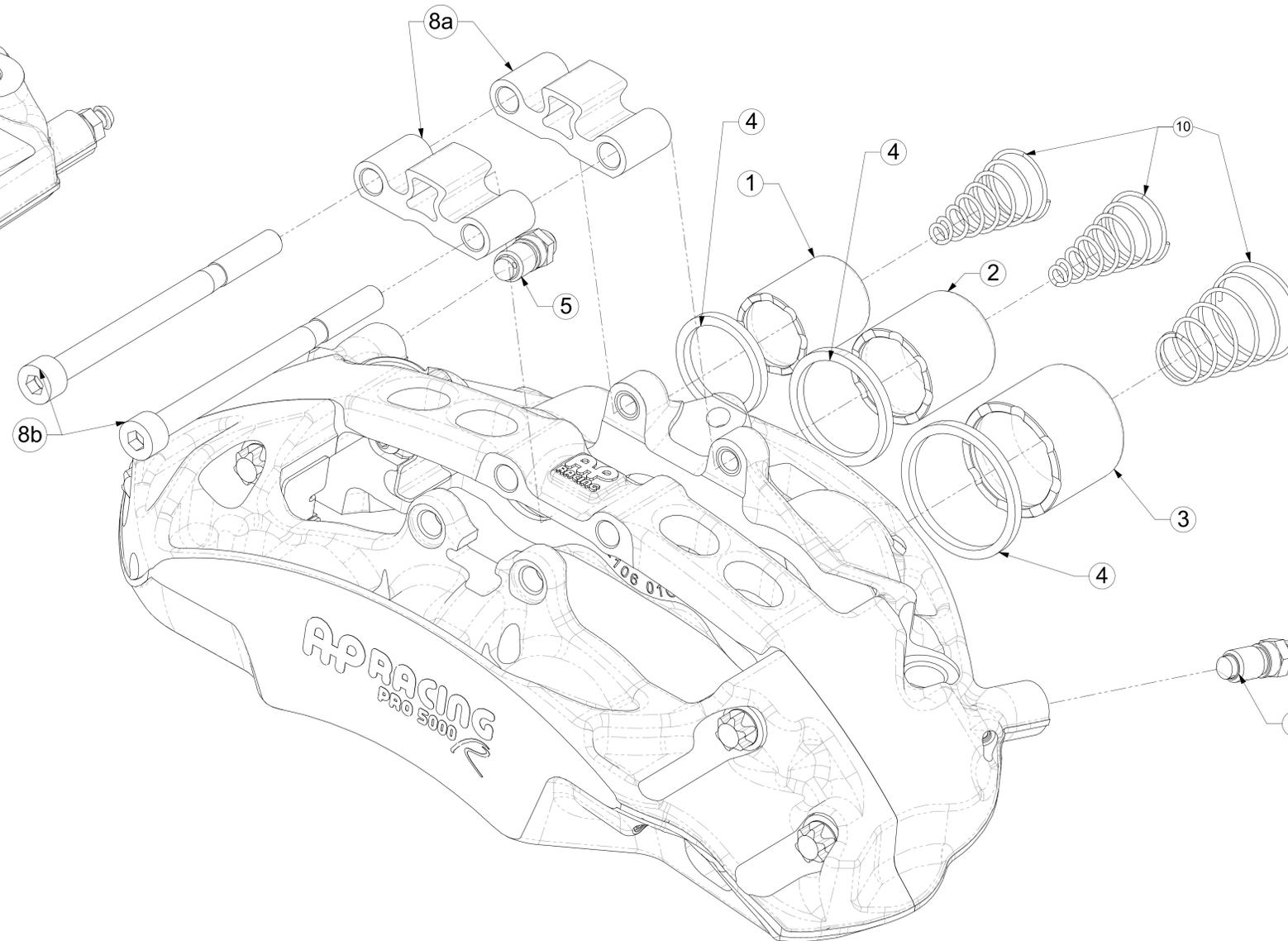
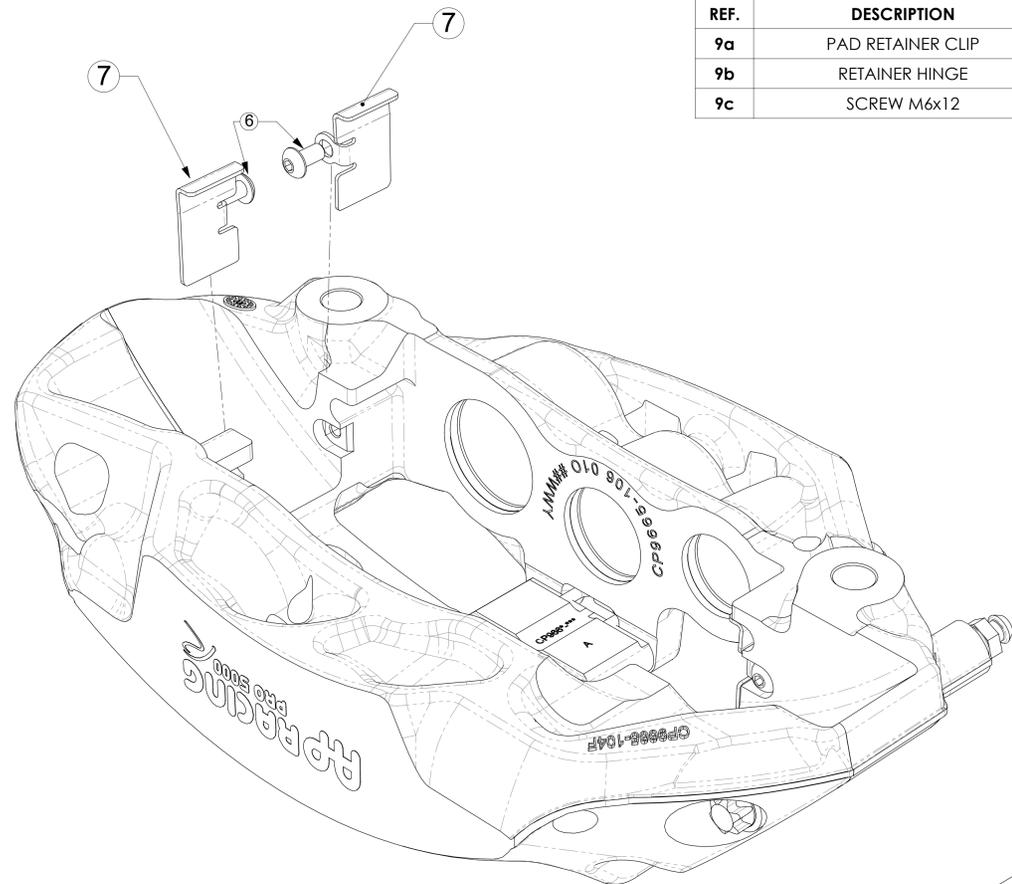


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PAD RETAINER KIT - CP9665-12			
REF.	DESCRIPTION	PART NO.	QTY
8a	PAD RETAINER	CP9665-121A	2
8b	M8 CAP SCREW	CP3715-117ST	2

QUICK RELEASE RETAINER KIT - CP9665-13			
REF.	DESCRIPTION	PART NO.	QTY
9a	PAD RETAINER CLIP	CP9665-118	1
9b	RETAINER HINGE	CP6268-110	1
9c	SCREW M6x12	CP3160-106ST	1

CP9665-2/3S7L SPARES				
REF	DESCRIPTION	PART NO.	QTY / ASSY	FITTING INSTRUCTIONS
1	Ø1.06 SST PISTON 33.1 LONG	CP9665-114	2	
2	Ø1.25 SST PISTON 33.1 LONG	CP9665-115	2	
3	Ø1.5 SST PISTON 33.1 LONG	CP9665-116	2	
4	SEAL KIT (6 SEALS)	CP8518-CEJ	1	REFER TO PUBLICATION REF: P14.290 & P14.220
5	BLEED SCREW KIT	CP3880-1	1	TIGHTENING TORQUE - 17Nm
6	M5 BUTTON SCREW	CP9440-116ST	4	APPLY A 1-2MM DROP OF LOCTITE 270 TO THE 2ND FROM LAST THREAD WHEN FITTING. TIGHTENING TORQUE - 3.7Nm
7	PAD WEAR PLATE	CP9665-112 RH CP9665-113 LH	2 2	APPLY 736 RTV SILICONE SPARINGLY BEHIND THE ABUTMENT PLATE ENSURING ENTIRING ENTIRE CONTACT FACE IS COVERED APPLY PRESSURE TO ABUTMENT PLATAE WHEN FITTING TO ENSURE MINIMUM FILM THICKNESS AND AVOID ANY GAP ENSURE ABUTMENT PLATE SITS CORRECTLY AGAINST CALIPER BODY BEFORE FITTING RETAINING SCREWS
10	7Lb AKB SPRING KIT	CP6518-7LBSSL	1	



Alterations			
Issue No.	Date & No.	Particulars	Zone
-	-	SEE SHEET1 FOR ISSUE INFORMATION.	-

SCALE 1:5	SHEET 2 OF 2
DRAWN	Jon Tait
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TITLE	
6 POT PRO5000 R CALIPER INSTALLATION	
DRG NO.	CP9665-1CD