

# B1 INSTALLATION DRAWING

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**GENERAL DESCRIPTION**  
6 PISTON DIFFERENTIAL BORE CALIPER TO SUIT UP TO Ø380mm x 35.56mm MAX / 32mm MIN THICK IRON DISC.

**TECHNICAL APPLICATION - GENERAL USE CALIPER**

**TECHNICAL INFORMATION & INSTALLATION DATA**  
TOTAL PISTON AREA: 50cm<sup>2</sup>  
BODY MATERIAL: ALUMINIUM ALLOY  
PISTON MATERIAL: STAINLESS STEEL  
ASSEMBLY WEIGHT (LESS PADS): 2.78Kg

**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, WITH PAD SITTING DOWN ON LEDEGE.  
'U' DIMN : WHEEL CENTRE LINE TO CALIPER MOUNTING BOSS FACE = (DISC Ø/2) - PL DIMN

AP RACING TECHNICAL SECTION WILL BE PLEASED TO ADVISE ON THE MOST SUITABLE EQUIPMENT FOR ANY PARTICULAR APPLICATION.

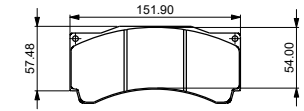
**CALIPER PART NUMBERS**  
CP9660-2S4L - RIGHT HAND  
CP9660-3S4L - LEFT HAND

EXAMPLE PART # - CP9660-2 S (SIDE FEED) 4 (4lb AKB SPRINGS) L (STAINLESS PISTONS).

**PADS**  
THE CORRECT PAD FAMILY FOR THIS CALIPER IS CP3905D54. PADS SHOULD BE ORDERED SEPERATELY.

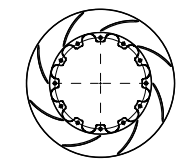
**REPLACEMENT SEAL KIT**  
SEAL KIT (VERY HIGH TEMPERATURE) CP8518-CEJ

RECOMENDED DISC AND PAD OPTIONS AVAILABLE  
D54 DISC AND PAD COMBINATION



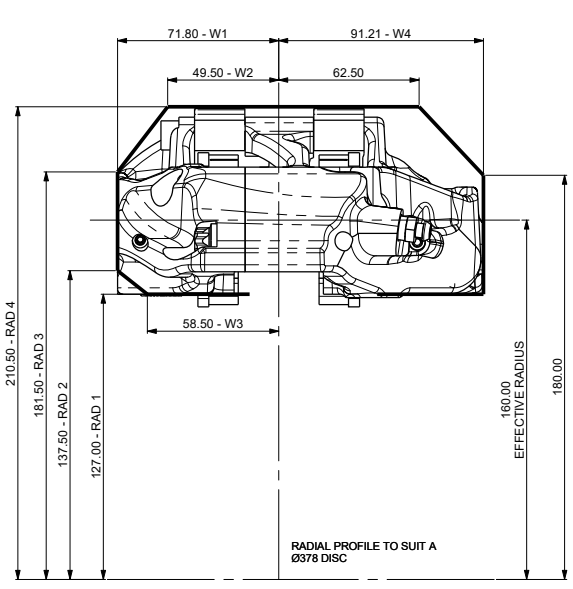
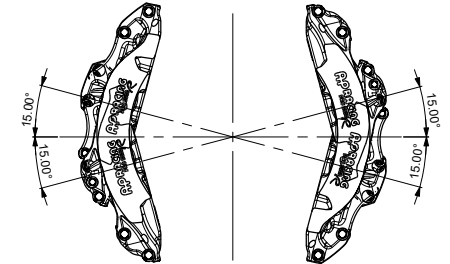
**CP3905D54 FAMILY**  
AS CP3894D54 WITH TAG REMOVED

PAD THICKNESS 18.0mm  
PAD AREA 77.44cm<sup>2</sup>  
PAD VOLUME 101.6cm<sup>3</sup>

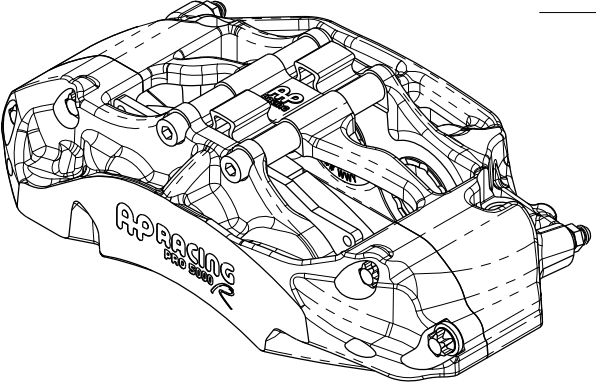
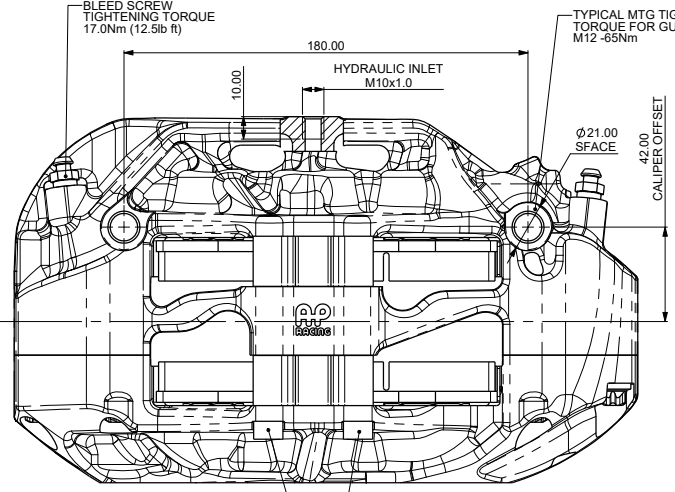
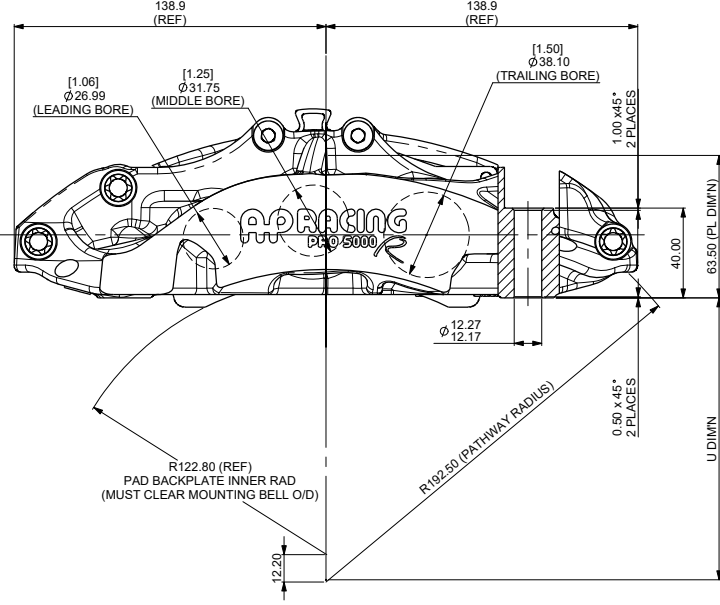


CP5772-1032/3CG8 Ø378x36 12F 72v 7.4Kg  
CP5000-218/9CG8 Ø356x32 12B 72v 6.2Kg

**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	RAD 1	RAD 2	RAD 3	RAD 4	W1	W2	W3	W4
356	149.00	116.00	126.50	171.50	200.75	71.80	49.50	58.50	91.21



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

REV	Alterations			Zone	Initials
	Date & No.	Particulars			
1	29/04/14 B9956	FIRST ISSUE			NJS
2	13/11/14 B9956	DISC AND PAD OPTIONS UPDATED			CH
3	20/11/14 B9956	RADIAL PROFILE UPDATED RADIAL PROFILE TABLE ADDED DISC OPTIONS UPDATED			CH
4	05/02/15 B9956	MAX DISC THICKNESS UPDATED CP5000-218/9CG8 DETAILS UPDATED			CH
5	23/02/15 B9956	PAD NOTES UPDATED			CH
6	15/07/15 B9956	SHEET 2 RE CP3905WAS CP3796-121ST NOW CP3796-125T			THS
7	17/07/2017 B7726_01	CHANGED TORQUE SPECIFICATION NOTE			C10 SGW
8	11/02/20 RAC23374	SPARES LIST TABLE CORRECTED REF NR. 9 CP3596-112ST WAS CP3796-112ST REF NR. 10 CP9660-121A WAS CP9660-113			GN
9	24/08/23 RAC23531	SHEET 2 AKB SPRINGS ADDED TO SPARES TABLE AND MODEL			K10 HMB

SCALE 1:1 SHEET 1 OF 2

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TITLE  
6 PISTON PRO 5000 R  
CALIPER INSTALLATION DRAWING

DRG NO. CP9660-1CD

# B1 INSTALLATION DRAWING

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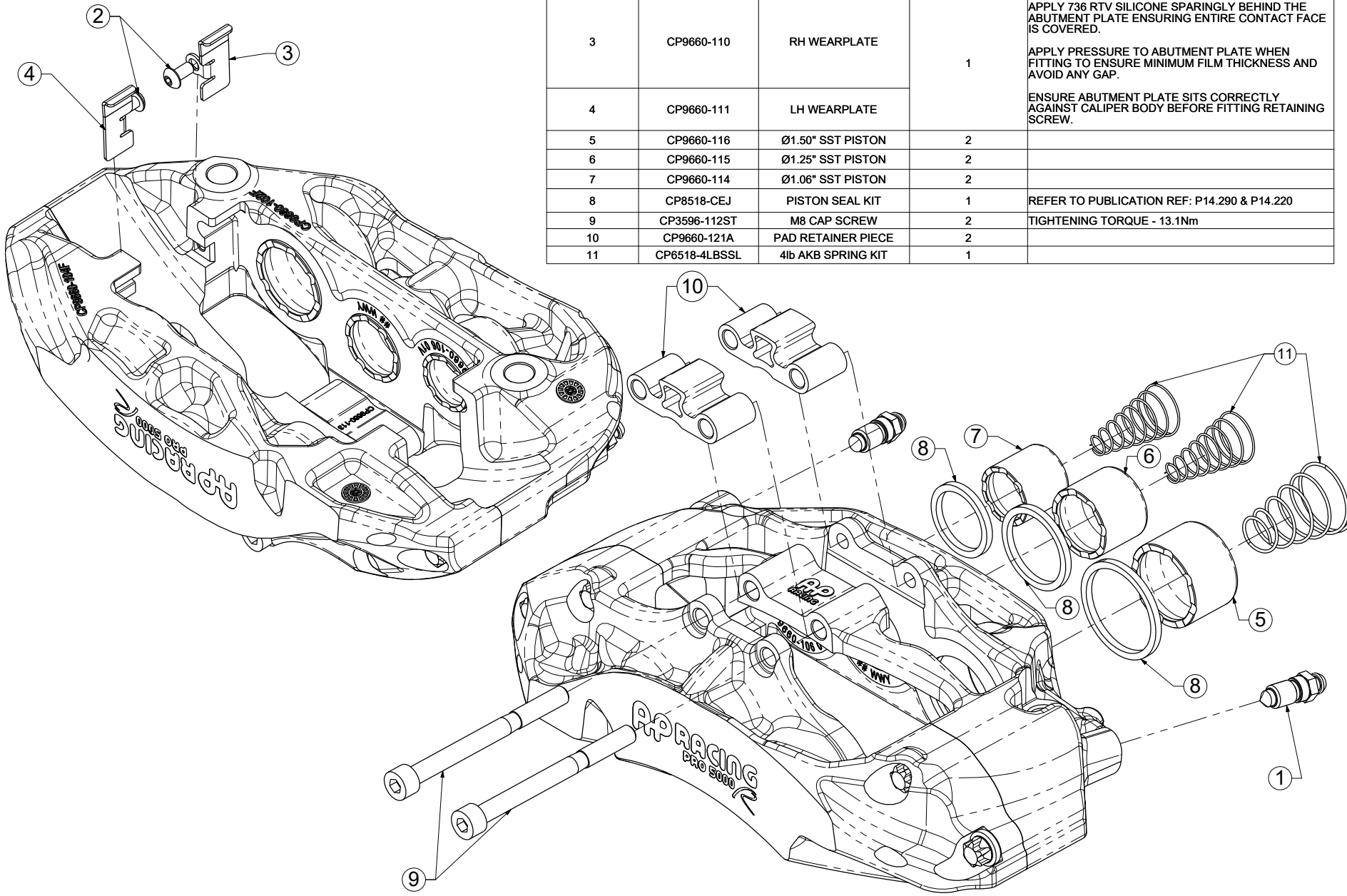
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REV	Alterations		Zone	Initials
	Date & No.	Particulars		

REF	PART NUMBER	DESCRIPTION	QTY / CALIPER	FITTING NOTES
1	CP3880-1	M10 BLEED SCREW KIT	2	TIGHTENING TORQUE - 17Nm
2	CP9440-116	M5 BUTTON SCREW	2	APPLY A 1-2MM DROP OF LOCTITE 270 TO THE 2ND FROM LAST THREAD WHEN FITTING. TIGHTENING TORQUE - 3.7Nm
3	CP9660-110	RH WEARPLATE	1	APPLY 736 RTV SILICONE SPARINGLY BEHIND THE ABUTMENT PLATE ENSURING ENTIRE CONTACT FACE IS COVERED.  APPLY PRESSURE TO ABUTMENT PLATE WHEN FITTING TO ENSURE MINIMUM FILM THICKNESS AND AVOID ANY GAP.
4	CP9660-111	LH WEARPLATE		ENSURE ABUTMENT PLATE SITS CORRECTLY AGAINST CALIPER BODY BEFORE FITTING RETAINING SCREW.
5	CP9660-116	Ø1.50" SST PISTON	2	
6	CP9660-115	Ø1.25" SST PISTON	2	
7	CP9660-114	Ø1.06" SST PISTON	2	
8	CP8518-CEJ	PISTON SEAL KIT	1	REFER TO PUBLICATION REF: P14.290 & P14.220
9	CP3596-112ST	M8 CAP SCREW	2	TIGHTENING TORQUE - 13.1Nm
10	CP9660-121A	PAD RETAINER PIECE	2	
11	CP6518-4LBSSL	4lb AKB SPRING KIT	1	



SCALE 1:1 SHEET 2 OF 2

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