

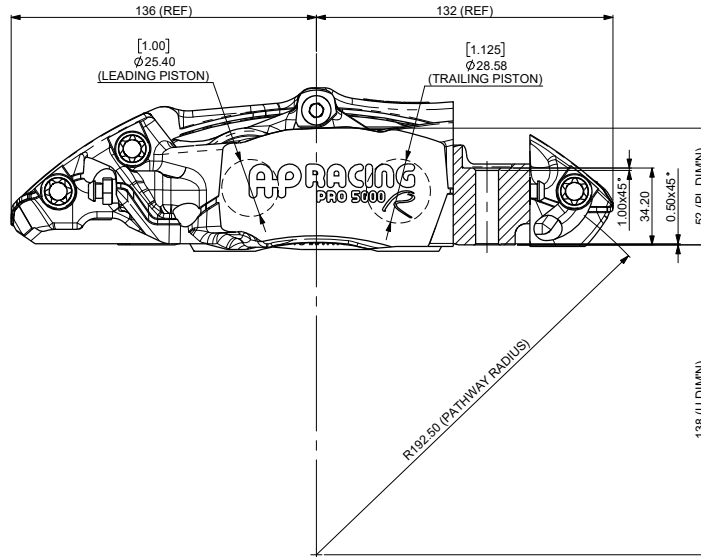
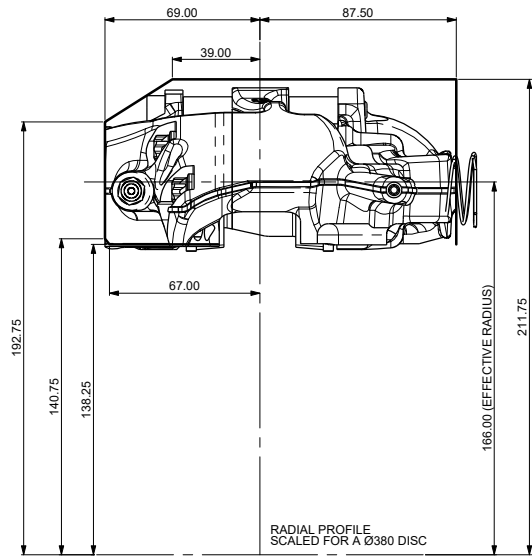
**B1 ASSEMBLY DRAWING**

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FIRST ANGLE PROJECTION

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**GENERAL DESCRIPTION**  
 THIS 4 PISTON DIFFERENTIAL BORE CALIPER TO SUIT UP TO Ø380 IRON DISC WITH A THICKNESS OF 28-32mm.

**APPLICATION**  
 GENERAL USE CALIPER.

**TECHNICAL INFORMATION**  
 TOTAL PISTON AREA: 22.8cm<sup>2</sup>  
 BODY MATERIAL: ALUMINIUM ALLOY  
 PISTON MATERIAL: STAINLESS STEEL

ASSEMBLY WEIGHT (LESS PADS): 2.21Kg

MINIMUM DISC & PAD STACK: 40MM

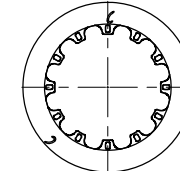
**INSTALLATION INFORMATION**  
 DISC & CALIPER MOUNTING TOLERANCES TO BE SUCH THAT THE DISC IS CENTRAL TO THE CALIPER TO WITHIN ±0.5mm. DISC DIAMETRAL CLEARANCE SHOULD BE 2.5mm NOMINAL FROM DISC Q/D TO PATHWAY.

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

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

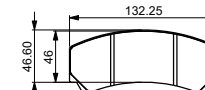
**CALIPER PART NUMBERS**  
 CP9451-2S4L - RIGHT HAND  
 CP9451-3S4L - LEFT HAND

**RECOMMENDED DISC AND PAD OPTIONS AVAILABLE**  
 D46 DISC AND PAD COMBINATION



- CP5772-1010/1GA Ø378x32 12F 72V 6.26Kg
- CP5914-116/7G12 Ø378x28 12B 48V 8.20Kg
- CP5914-110/1G8 Ø378x28 12F 48V 6.28Kg

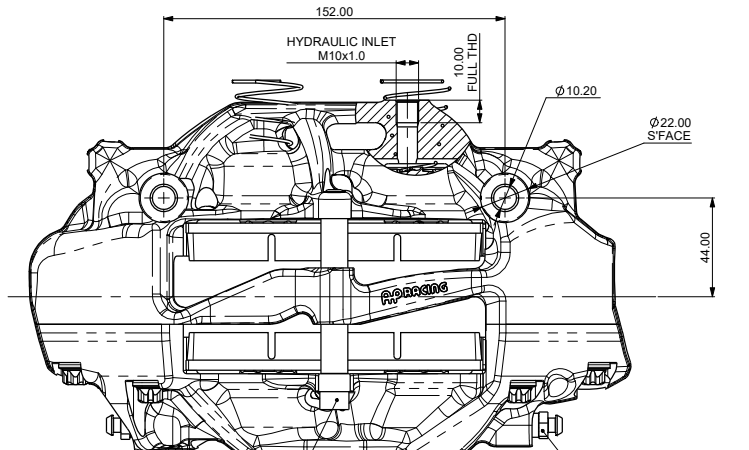
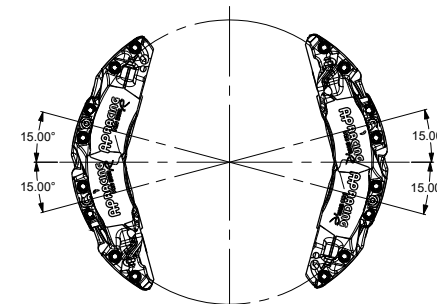
SEE CUSTOMER DRAWING FOR FULL DETAIL



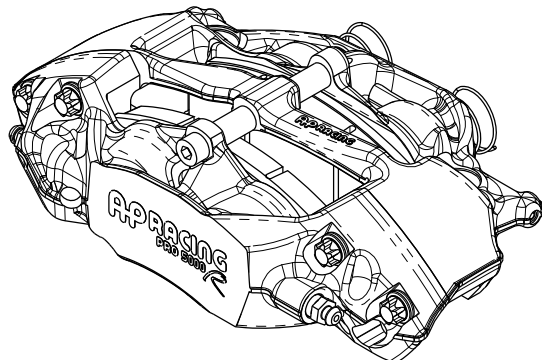
**CP3215D46 PAD FAMILY**  
 PAD THICKNESS - 16.75mm  
 PAD AREA - 50.89cm<sup>2</sup>  
 PAD VOLUME - 85.24cm<sup>3</sup>

**OPTIMUM BLEED POSITIONING**

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



PAD RETAINING BOLT SHOULD BE TIGHTENED TO A TORQUE OF 19Nm (14 Lbs ft)



REV	Alterations			Zone	Initials
	Date & No.	Particulars	#		
1	09/06/16 87478	FIRST ISSUE			NJS
2	02/08/17 87726_01	CHANGED TORQUE SPECIFICATION FOR PAD RETAINER BOLT			CGW
3	23/08/23 RAC23531	SHEET 2 AKB SPRINGS ADDED TO SPARES TABLE AND MODEL			K10

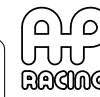
SCALE 1:1	SHEET 1 OF 2
DRAWN N STEVENS	
APPROVED	
DERIVED FROM	
TITLE <b>4 POT PRO5000 R          CALIPER INSTALLATION</b>	
DRG NO.	CP9451-1CD

**B1 ASSEMBLY DRAWING**

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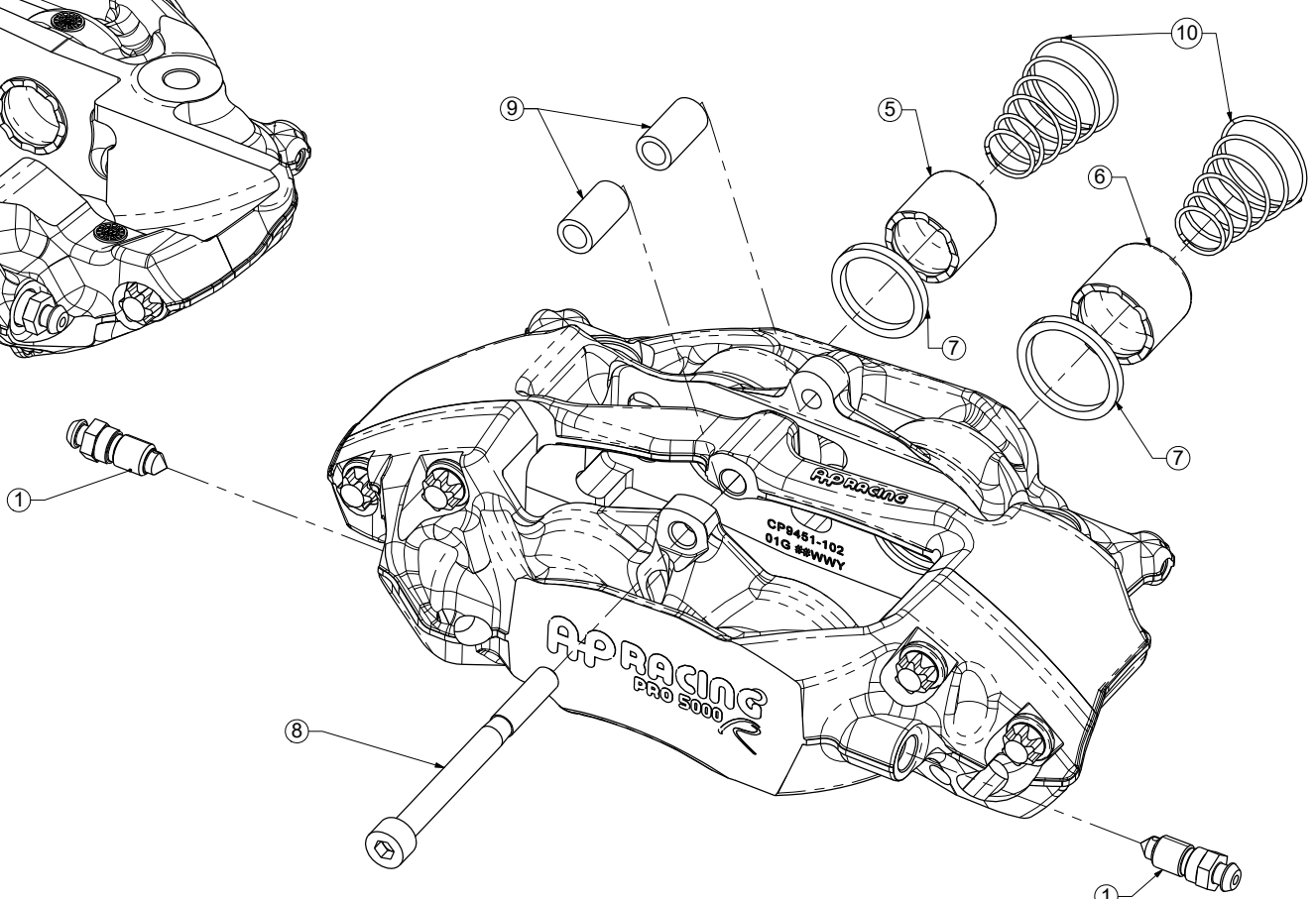
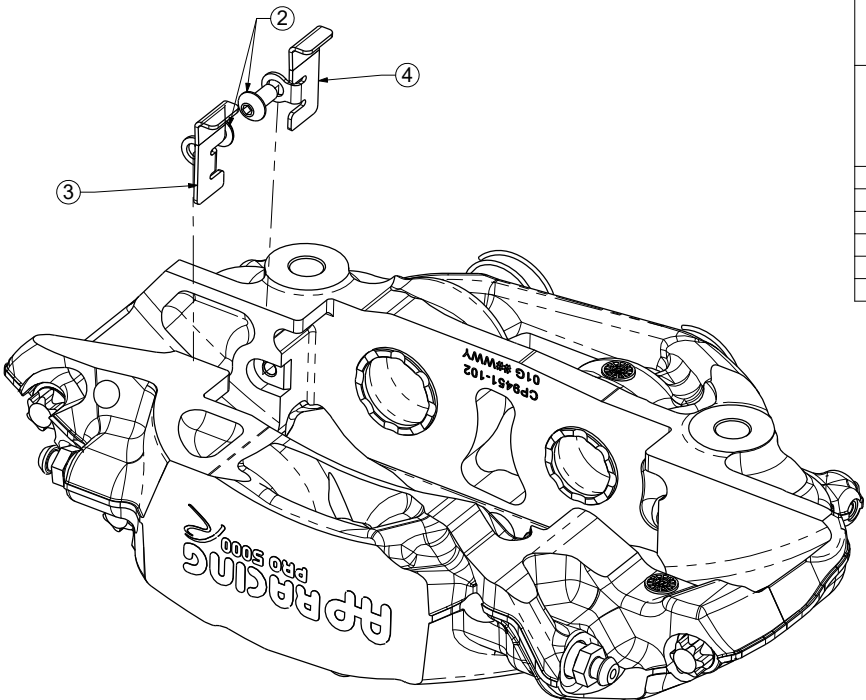
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REF	PART NUMBER	DESCRIPTION	QTY / CALIPER	FITTING NOTES
1	CP3880-1	M10 BLEED SCREW KIT	2	TIGHTENING TORQUE - 17Nm
2	CP9440-116	M5 BUTTON SCREW	2	APPLY A 1-2MM DROP OF LOCTITE 270 TO THE 2ND FROM LAST THREAD WHEN FITTING. TIGHTENING TORQUE - 3.7Nm
3	CP9444-112	RH WEARPLATE	1	APPLY 736 RTV SILICONE SPARINGLY BEHIND THE ABUTMENT PLATE ENSURING ENTIRE CONTACT FACE IS COVERED.
4	CP9444-113	LH WEARPLATE		APPLY PRESSURE TO ABUTMENT PLATE WHEN FITTING TO ENSURE MINIMUM FILM THICKNESS AND AVOID ANY GAP.
5	CP9451-106	Ø1" SST PISTON	2	
6	CP9449-106	Ø1 1/8" SST PISTON	2	
7	CP8518-AD	PISTON SEAL KIT	1	REFER TO PUBLICATION REF: P14.290 & P14.220
8	CP3596-112ST	M8 CAP SCREW	1	TIGHTENING TORQUE - 13.1Nm
9	CP9440-110	PAD RETAINER TUBE	2	
10	CP6518-4LBSS	4lb AKB SPRING KIT	1	



Rev	Alterations		
	Date & No.	Particulars	Zone / Initials
1		SEE SHEET 1 FOR ISSUE INFORMATION.	

SCALE 1.5:1	SHEET 2 OF 2
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