

B1 ASSEMBLY DRAWING

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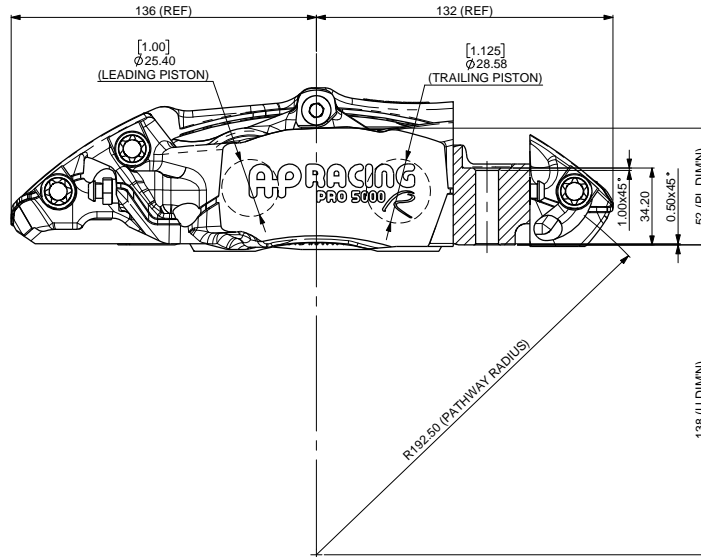
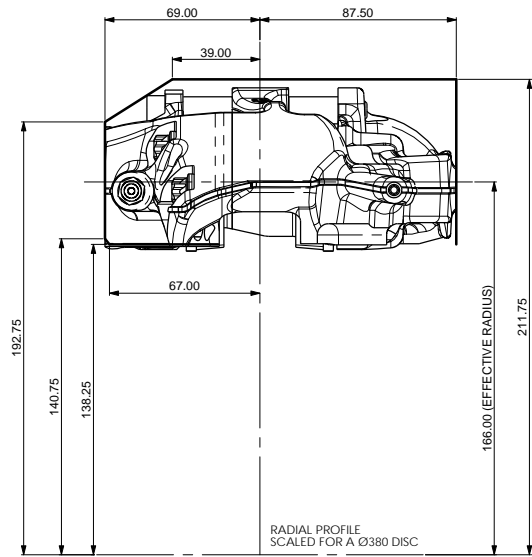


FIRST ANGLE PROJECTION

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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: 22.8cm²
BODY MATERIAL: ALUMINIUM ALLOY
PISTON MATERIAL: STAINLESS STEEL

ASSEMBLY WEIGHT (LESS PADS): 2.21Kg
MINIMUM DISC & PAD STACK: 40MM

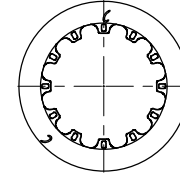
INSTALLATION INFORMATION
DISC & CALIPER MOUNTING TOLERANCES TO BE SUCH THAT THE DISC IS CENTRAL TO THE CALIPER TO WITHIN ±0.5mm.
DISC DIAMETRAL CLEARANCE SHOULD BE 2.5mm NOMINAL FROM DISC O/D TO PATHWAY.

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.

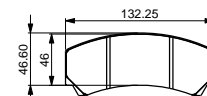
CALIPER PART NUMBERS
CP9451-2S4L - RIGHT HAND
CP9451-3S4L - LEFT HAND

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 6.20Kg
- CP5914-110/1G8 Ø378x28 12F 48V 6.28Kg

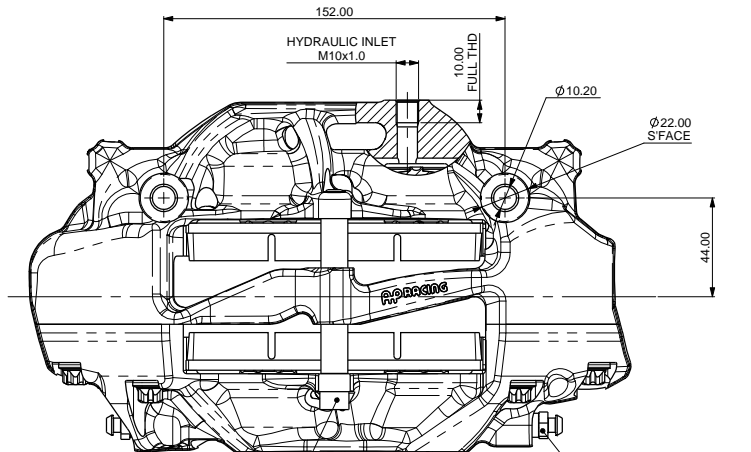
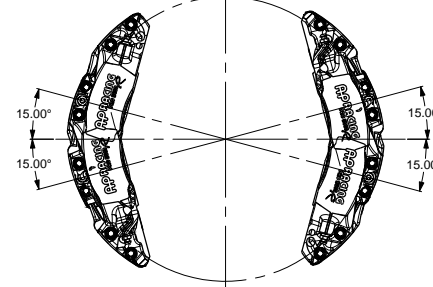
SEE CUSTOMER DRAWING FOR FULL DETAIL



CP3215D46 PAD FAMILY
PAD THICKNESS - 16.75mm
PAD AREA - 50.89cm²
PAD VOLUME - 85.24cm³

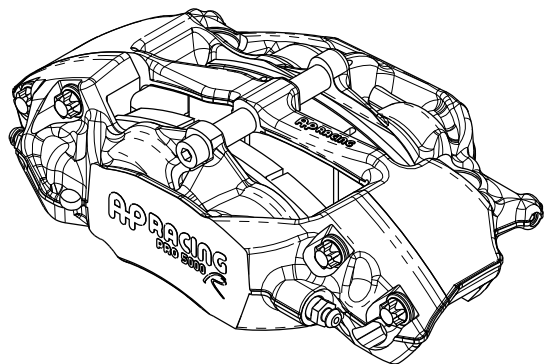
OPTIMUM BLEED POSITIONING

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 13.1Nm (9.7 Lbs ft)

BLEED SCREW TIGHTENING TORQUE 17.0 Nm (12.5 Lbs ft)



Issue No	Alterations		Zone	Initials
	Date & No.	Particulars		
1A	09/06/16 87478	FIRST ISSUE		

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

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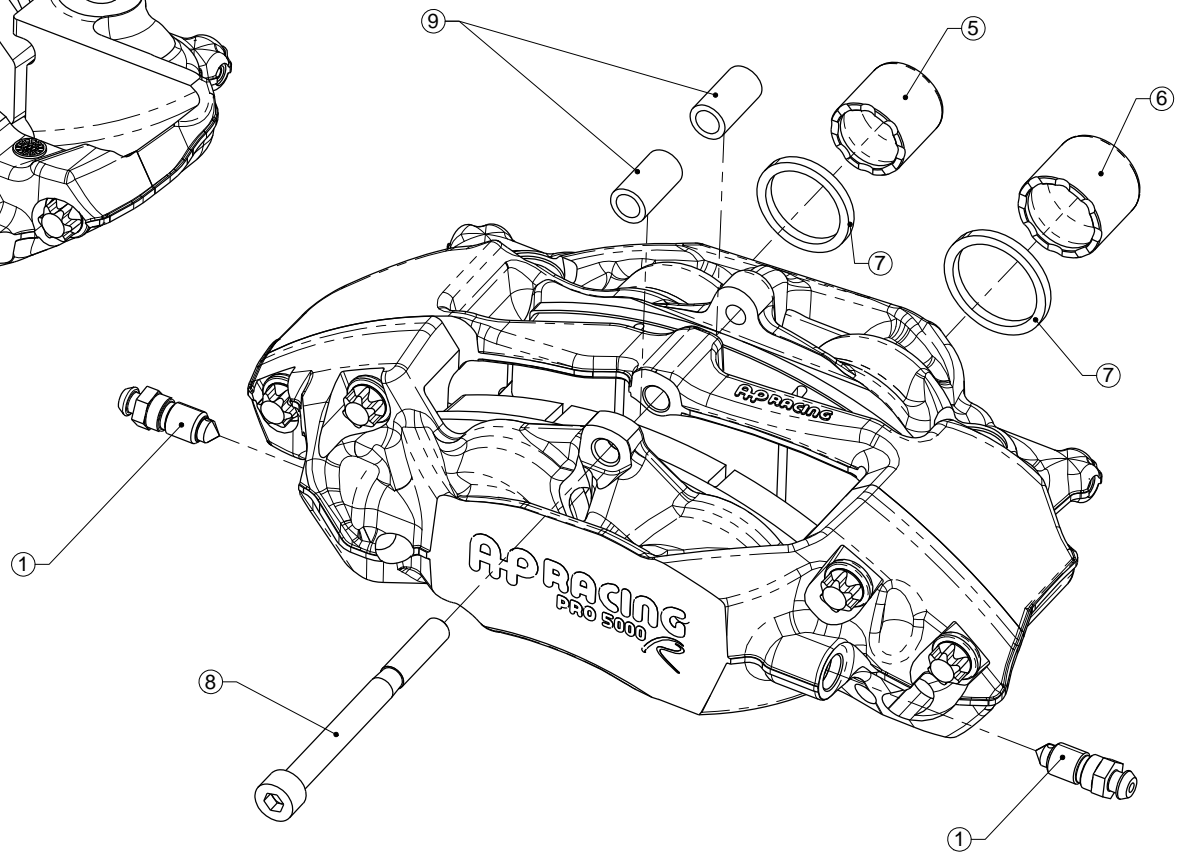
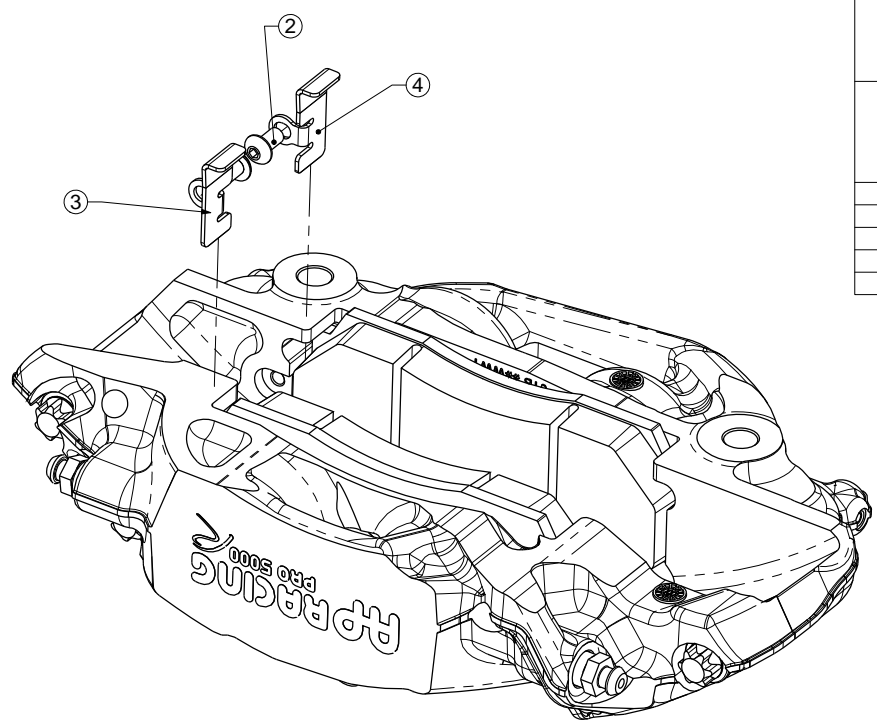
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REF	PART NUMBER	DESCRIPTION	QTY / CALIPER	FITTING NOTES
1	CP3880-1	M10 BLEED SCREW KIT	2	TIGHTENING TORQUE - 17Nm
2	CP9440-116	M5 BUTTON SCREW	2	APPLY A 1-2MM DROP OF LOCTITE 270 TO THE 2ND FROM LAST THREAD WHEN FITTING. TIGHTENING TORQUE - 3.7Nm
3	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. ENSURE ABUTMENT PLATE SITS CORRECTLY AGAINST CALIPER BODY BEFORE FITTING RETAINING SCREW.
5	CP9451-104	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	



Issue No.	Alterations		
	Date & No.	Particulars	Zone
-	-	SEE SHEET 1 FOR ISSUE INFORMATION.	-

SCALE 1.5:1	SHEET 2 OF 2
DRAWN	N STEVENS
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