

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.

TYPICAL APPLICATION - GENERAL USE CALIPER

TECHNICAL INFORMATION & INSTALLATION DATA
TOTAL PISTON AREA: 40.1cm²
BODY MATERIAL: ALUMINIUM ALLOY
PISTON MATERIAL: STAINLESS STEEL
ASSEMBLY WEIGHT (LESS PADS): 2.75Kg

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' DIMIN: TOP OF PAD MATERIAL TO MOUNTING BOSS FACE, WITH PAD SITTING DOWN ON LEDGE.
'U' DIMIN: WHEEL CENTRE LINE TO CALIPER MOUNTING BOSS FACE = (DISC Ø/2) - PL DIMIN

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

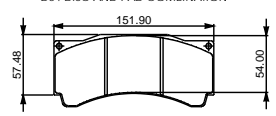
CALIPER PART NUMBERS
CP9661-2S4L - RIGHT HAND
CP9661-3S4L - LEFT HAND

EXAMPLE PART # - CP9661-2 S (SIDE FEED) 4 (4lb AKB SPRINGS) L (STAINLESS PISTONS).

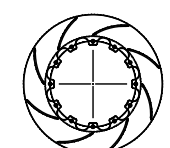
PADS
THE CORRECT PAD FAMILY FOR THIS CALIPER IS CP3905D54. PADS SHOULD BE ORDERED SEPARATELY.

REPLACEMENT SEAL KIT
SEAL KIT (VERY HIGH TEMPERATURE) CP8518-CDE

RECOMMENDED DISC AND PAD OPTIONS AVAILABLE
D54 DISC AND PAD COMBINATION



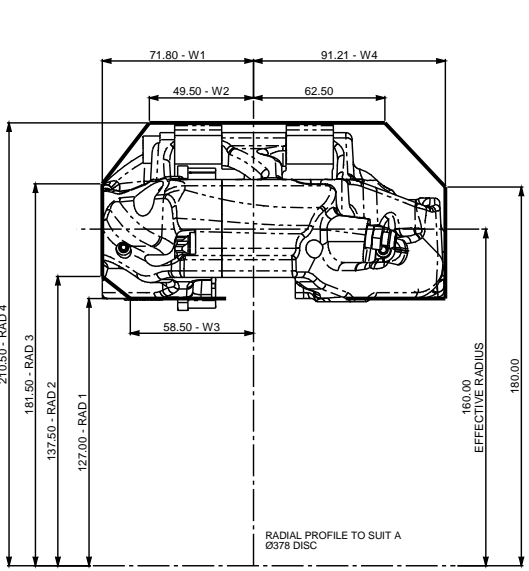
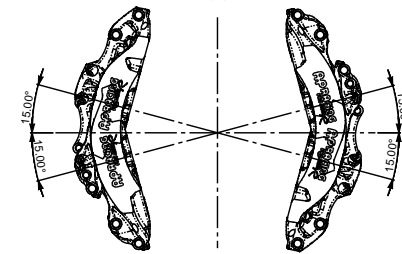
CP3905D54 FAMILY
AS CP3894D54 WITH TAG REMOVED
PAD THICKNESS 18.0mm
PAD AREA 77.44cm²
PAD VOLUME 101.6cm³



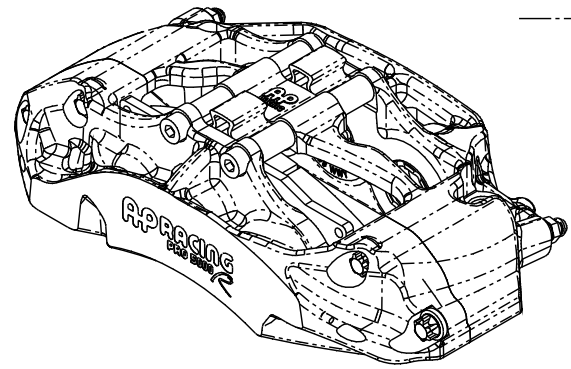
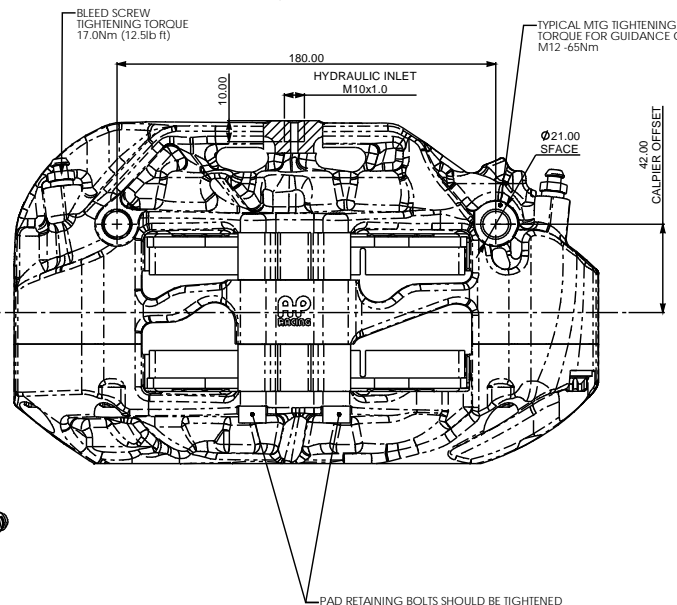
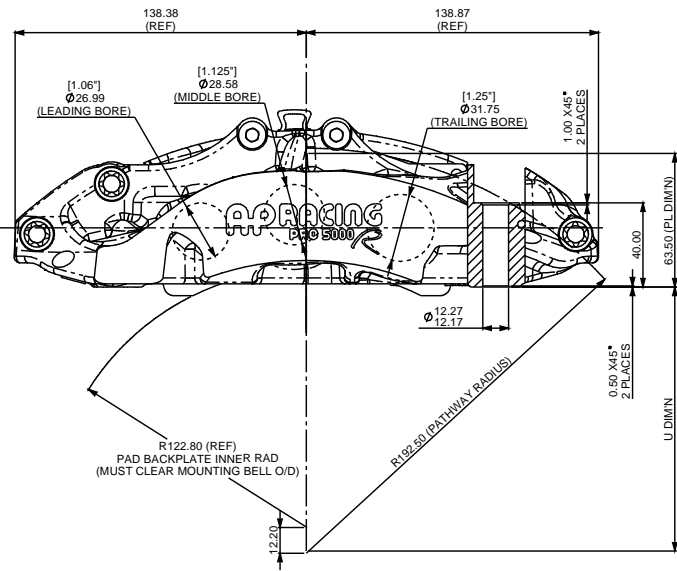
CP5772-1032/3CG8 Ø378x36 12F 72v 7.4Kg
CP5000-218/9CG8 Ø356x32 12B 72v 6.2Kg

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 13.1Nm (9.7lb ft)

ISSUE NO	Alterations		Drawn	Checked
	Date & No.	Particulars		
1	18/08/16 B7606	FIRST ISSUE		NK

SCALE 1:1	SHEET 1 OF 2
DRAWN N KIBBLE	
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TITLE	
DRG NO. CP9661-1CD	

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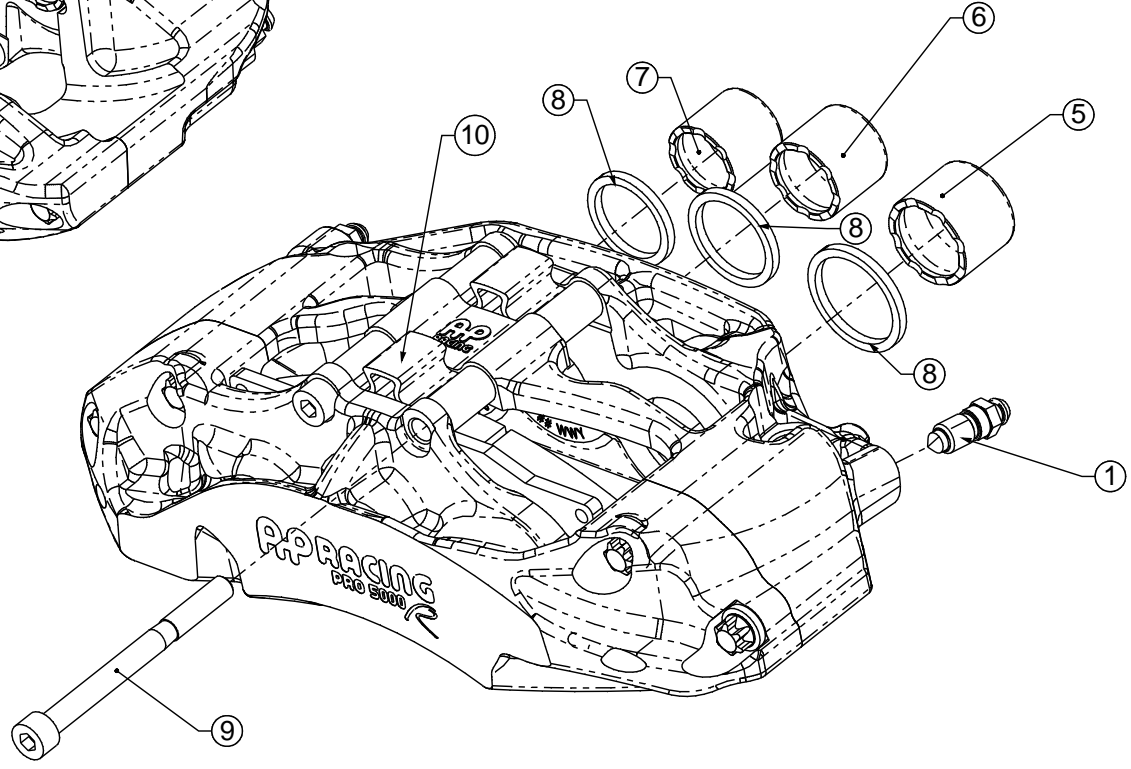
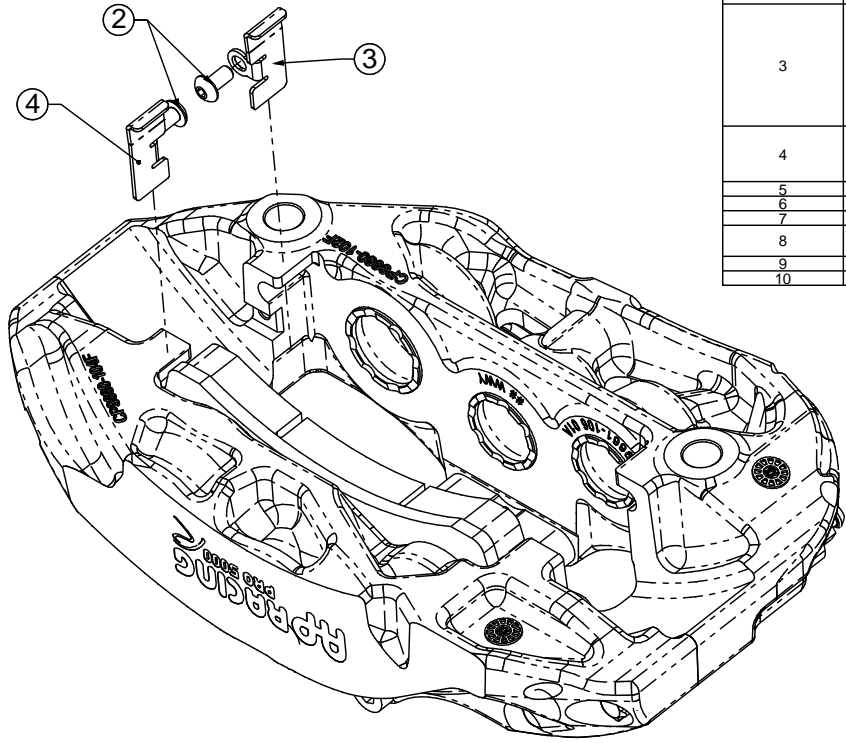
FIRST ANGLE PROJECTION

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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	CP9660-110	RH WEARPLATE	1	APPLY 736 RTV SILICONE SPARINGLY BEHIND THE ABUTMENT PLATE ENSURING ENTIRE CONTACT FACE IS COVERED.
4	CP9660-111	LH WEARPLATE	1	APPLY PRESSURE TO ABUTMENT PLATE WHEN FITTING TO ENSURE MINIMUM FILM THICKNESS AND AVOID ANY GAP.
5	CP9660-115	Ø1.25" SST PISTON	2	
6	CP9661-110	Ø1.125" SST PISTON	2	
7	CP9660-114	Ø1.06" SST PISTON	2	
8	CP8518-CDE	PISTON SEAL KIT	1	REFER TO PUBLICATION REF: P14.290 & P14.220
9	CP3796-112ST	M8 CAP SCREW	2	TIGHTENING TORQUE - 13.1Nm
10	CP9660-113	PAD RETAINER PIECE	2	



ISSUE NO	Alterations		Zone	Initials
	Date & No.	Particulars		

SCALE 1:1 SHEET 2 OF 2

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