

B1 INSTALLATION DRAWING

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GENERAL DESCRIPTION:
6 PISTON DIFFERENTIAL BORE CALIPER TO SUIT UP TO Ø320 x 32 IRON DISC

APPLICATION:
RALLY RAID

TECHNICAL INFORMATION:
TOTAL PISTON AREA: 50.1cm²
PISTON MATERIAL: STAINLESS STEEL
BODY MATERIAL: ALUMINIUM ALLOY
ASSEMBLY WEIGHT: 3.0KG

INSTALLATION INFORMATION:
DISC & CALIPER MOUNTING TOLERANCES TO BE SUCH THAT THE DISC IS CENTRAL TO THE CALIPER TO WITHIN ±0.5mm.
CALIPER TO BE MOUNTED WITHIN ±15° FROM VERTICAL.
DISC DIAMETRAL CLEARANCE SHOULD BE 2.5mm NOM. FROM DISC O.D. TO PATHWAY.
BLEED SCREW MAX. TIGHTENING TORQUE 17Nm

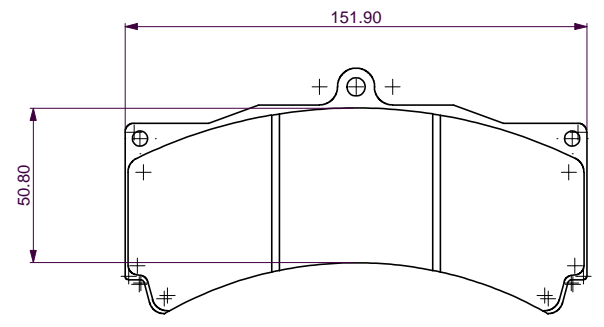
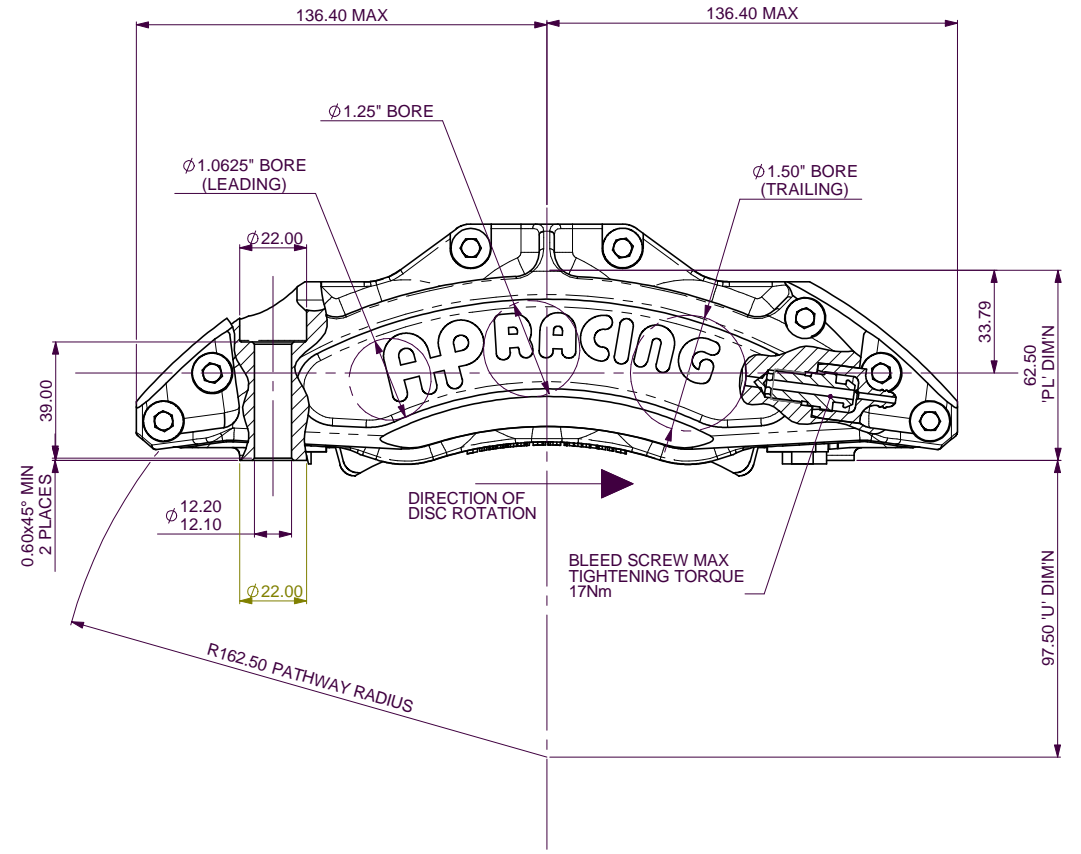
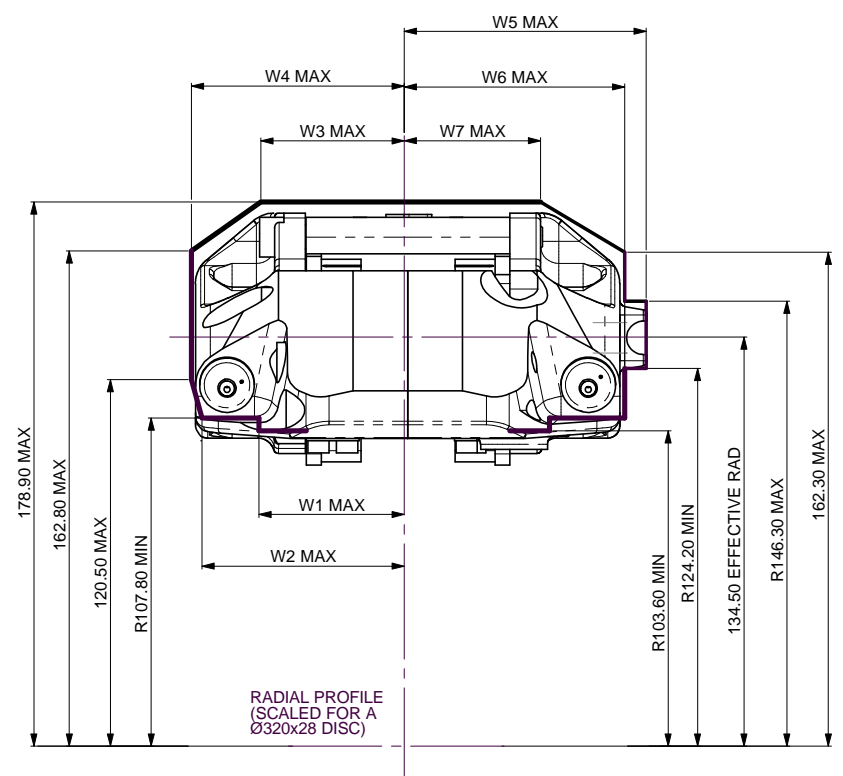
KEY TO DIMENSIONS:
'PL': TOP OF PAD MATERIAL TO MOUNTING BOSS FACE WITH PAD SITTING DOWN ON LEDGE.
'U': WHEEL CENTRE LINE TO CALIPER MOUNTING BOSSFACE (DISC Ø/2)-DIMENSION 'PL'.

CALIPER PART NUMBERS:
CP6750-2S4L- RIGHT HAND TRAILING (BEHIND AXLE)
CP6750-3S4L- LEFT HAND TRAILING (BEHIND AXLE)
CP6750-4S4L- RIGHT HAND LEADING (IN FRONT OF AXLE)
CP6750-5S4L- LEFT HAND LEADING (IN FRONT OF AXLE)

CP6750-6S4L- RIGHT HAND TRAILING (BEHIND AXLE)
CP6750-7S4L- LEFT HAND TRAILING (BEHIND AXLE)
CP6750-8S4L- RIGHT HAND LEADING (IN FRONT OF AXLE)
CP6750-9S4L- LEFT HAND LEADING (IN FRONT OF AXLE)

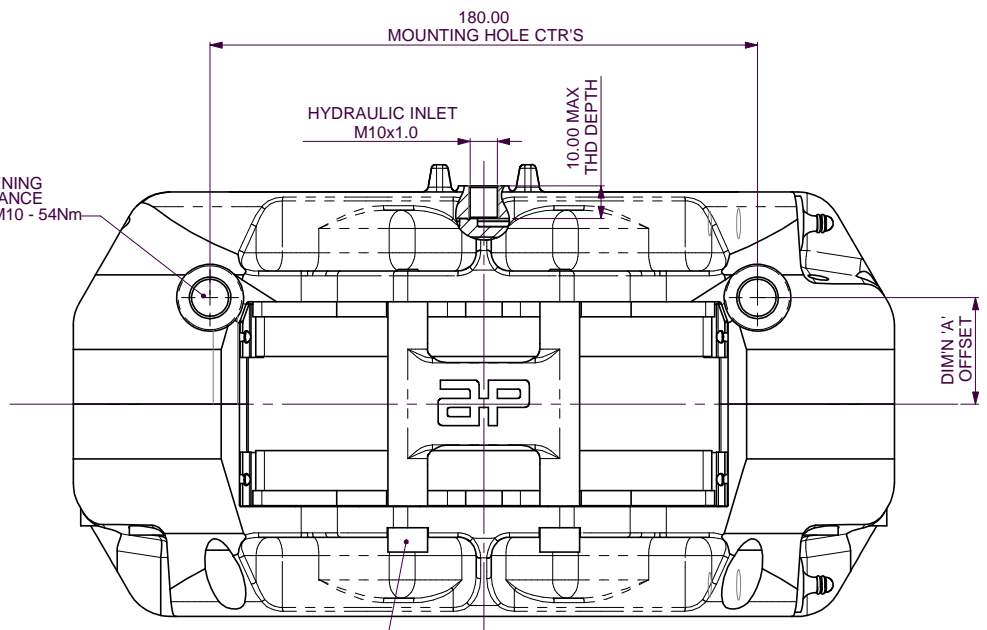
REPLACEMENT SEAL KIT:
SEAL KIT (HIGH TEMP) CP4518-CEJ-RALLY

Issue No.	Alterations		Zone	Initials
	Date & No.	Particulars		
1	21/06/04 B3859	FIRST ISSUE		JH
2	04/01/05	BLEED SCREW MAX TIGHTENING TORQUE OF 17Nm WAS 25Nm		JH
3	08/04/05 B4216	32MM WIDE DISC VERSIONS ADDED		JH
4	22/08/05 B4351	DRAWING UPDATED TO SHOW MODIFIED MTG HALF WITH ADDITIONAL BANJO ANTI-ROTATION BOSS		JH
5	26/10/05	RADIAL PROFILE NOTE CORRECTED Ø320 DISC, DID SPECIFY Ø328	H3	JH

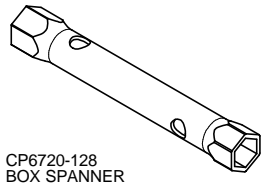


CP3894 PAD FAMILY
PAD THICKNESS - 18.00MM
PAD AREA - 73.50CM²
PAD VOLUME - 132.30CM³

TYPICAL MTG TIGHTENING TORQUE, FOR GUIDANCE ONLY: M12 - 65Nm & M10 - 54Nm



PAD RETAINER BOLTS SHOULD BE TIGHTENED TO A TORQUE OF 20Nm (15Lbs ft) APR ALSO RECOMMEND THAT BOLTS ARE 'LOCKWIRED' IN PLACE



CP6720-128 BOX SPANNER

BLEEDING
A TOOL SIMILAR TO THAT SHOWN WILL BE REQUIRED TO BLEED THE BRAKES DUE TO THE ENCLOSED BLEED SCREWS. IT IS IMPORTANT THAT THE BOX WRENCH IS HOLLOW TO ALLOW A LENGTH OF BLEED PIPE TO BE INSERTED THROUGH THE TOOL. TOOL MAX. Ø17.50.

CALIPER DATA									
PART NO.	DISC WIDTH	DIM'N 'A'	W1	W2	W3	W4	W5	W6	W7
CP6750-2/3/4/5S4L	28	35.00	47.80	66.50	47.10	70.00	79.60	72.50	44.80
CP6750-6/7/8/9S4L	32	37.00	49.80	68.50	49.10	72.00	81.60	74.50	46.80

SCALE 1:1 SHEET 1 OF 1

DRAWN heritage

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TITLE
6-POT RALLY RAID CALIPER
INSTALLATION DRAWING

DRG NO. cp6750-1cd