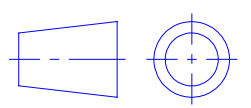


B1
INSTALLATION
DRAWING

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FIRST ANGLE
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| Issue No. | Alterations | | | Zone | Initials |
|-----------|-------------------------|--|--|------|----------|
| | Date & No. | Particulars | | | |
| 1 | JAN '15 B7215 | FIRST ISSUE | | # | JT |
| 2 | 13/09/16 B7623 | MTG. HOLE DIA. CORRECTED FROM 12.3/12.2, NOW 12.27/12.17 | | # | CH |
| 3 | 17/07/2017 B7726_01 | ADDED TORQUE SPECIFICATIONS TO PAD RETAINING BOLTS | | C10 | SGW |
| 4 | 18/08/2025 WF-004236 | SHEET 2: CORRECTED PAD RETAINER ERROR IN SPARES TABLE. PART NUMBER CHANGED FROM CP9665- 119 TO CP9665-121A | | N9 | JSD |

GENERAL DESCRIPTION

6 PISTON DIFFERENTIAL BORE CALIPER TO SUIT UP TO A \varnothing 390mm x 35.56mm MAX / 32mm MIN THICK IRON DISC. PADS ARE RETAINED BY A BOLTED RETAINER, WITH A QUICK-RELEASE SPRING CLIP SUPPLIED FOR USE IN EVENTS WHEN FAST PAD CHANGES ARE REQUIRED.

APPLICATION

GENERAL USE CALIPER

TECHNICAL INFORMATION

TOTAL PISTON AREA: 50cm²
BODY MATERIAL: ALUMINIUM ALLOY
PISTON MATERIAL: STAINLESS STEEL

ASSEMBLY WEIGHT (LESS PADS, BOLTED PAD RETAINER): 3.1Kg

INSTALLATION INFORMATION

DISC & CALIPER MOUNTING TOLERANCES TO BE SUCH THAT THE DISC IS CENTRAL TO THE CALIPER TO WITHIN \pm 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.
'U' DIMN : WHEEL CENTRE LINE TO CALIPER MOUNTING BOSS FACE = (DISC \varnothing /2) - PL DIMN

CALIPER PART NUMBERS

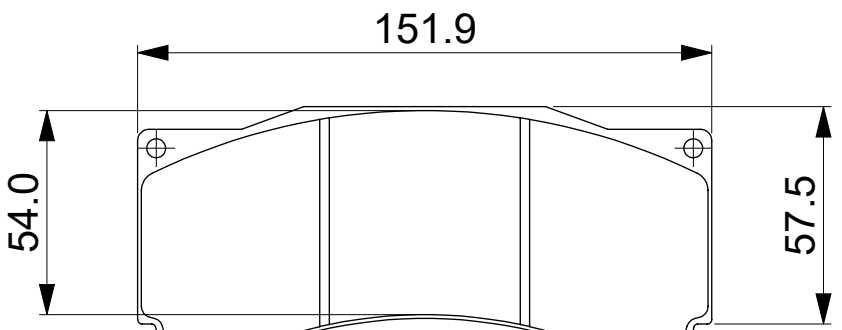
CP9668-2S7L - RIGHT HAND
CP9668-3S7L - LEFT HAND

EXAMPLE PART # - CP9668-2 S (SIDE FEED) 7 (7lb AKB SPRINGS)
L (STAINLESS PISTONS).

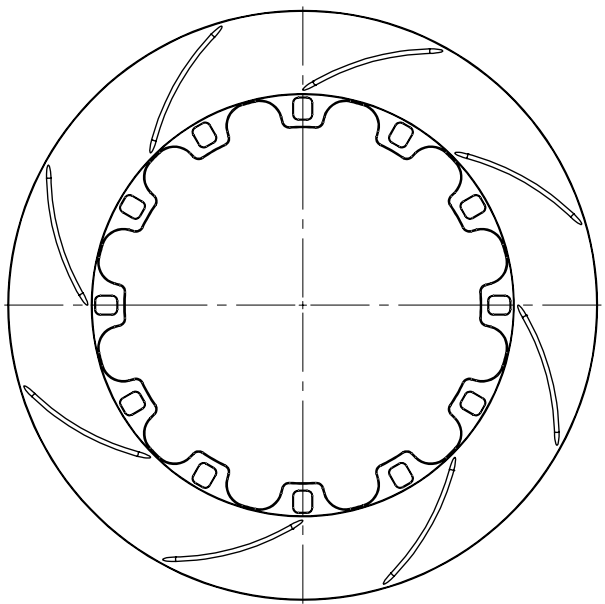
PADS

THE CORRECT PAD FAMILY FOR THIS CALIPER IS CP3558D54.
PADS SHOULD BE ORDERED SEPERATELY.

RECOMENDED DISC AND PAD OPTIONS AVAILABLE
D54 DISC AND PAD COMBINATION

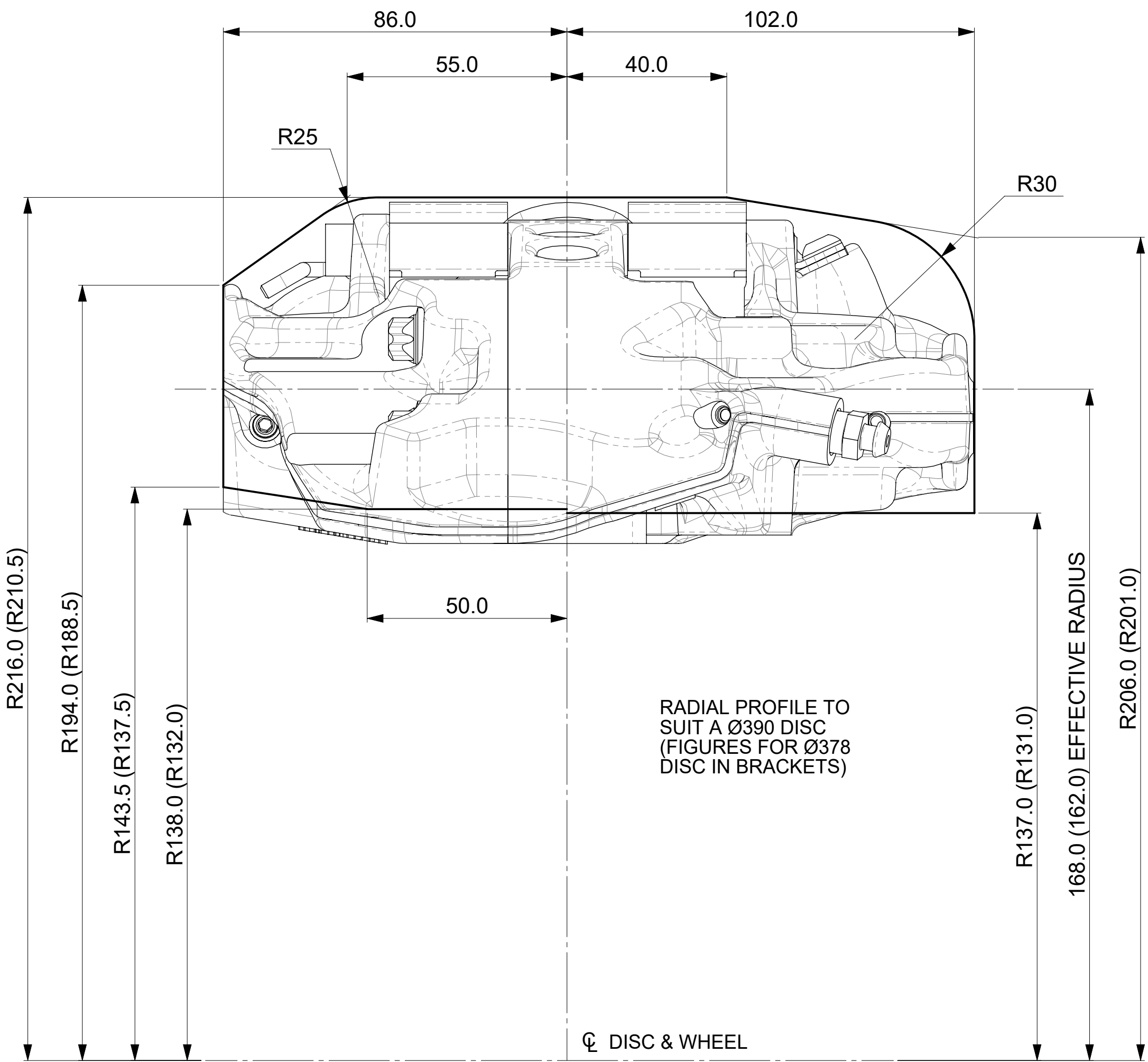
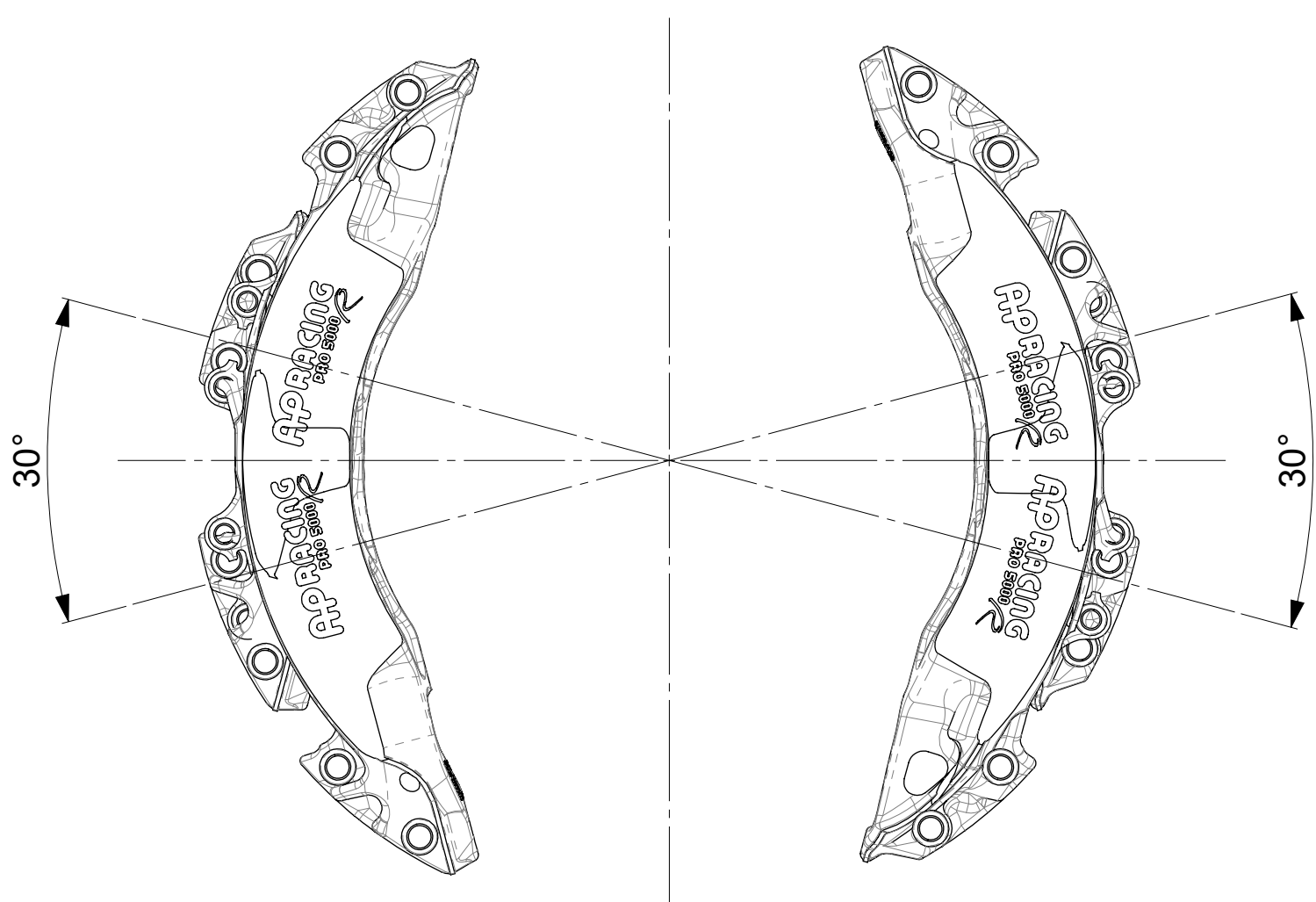


CP3558D54 PAD FAMILY
PAD AREA - 77.4cm²
VOLUME - 155.8cm³
THICKNESS - 25.0mm



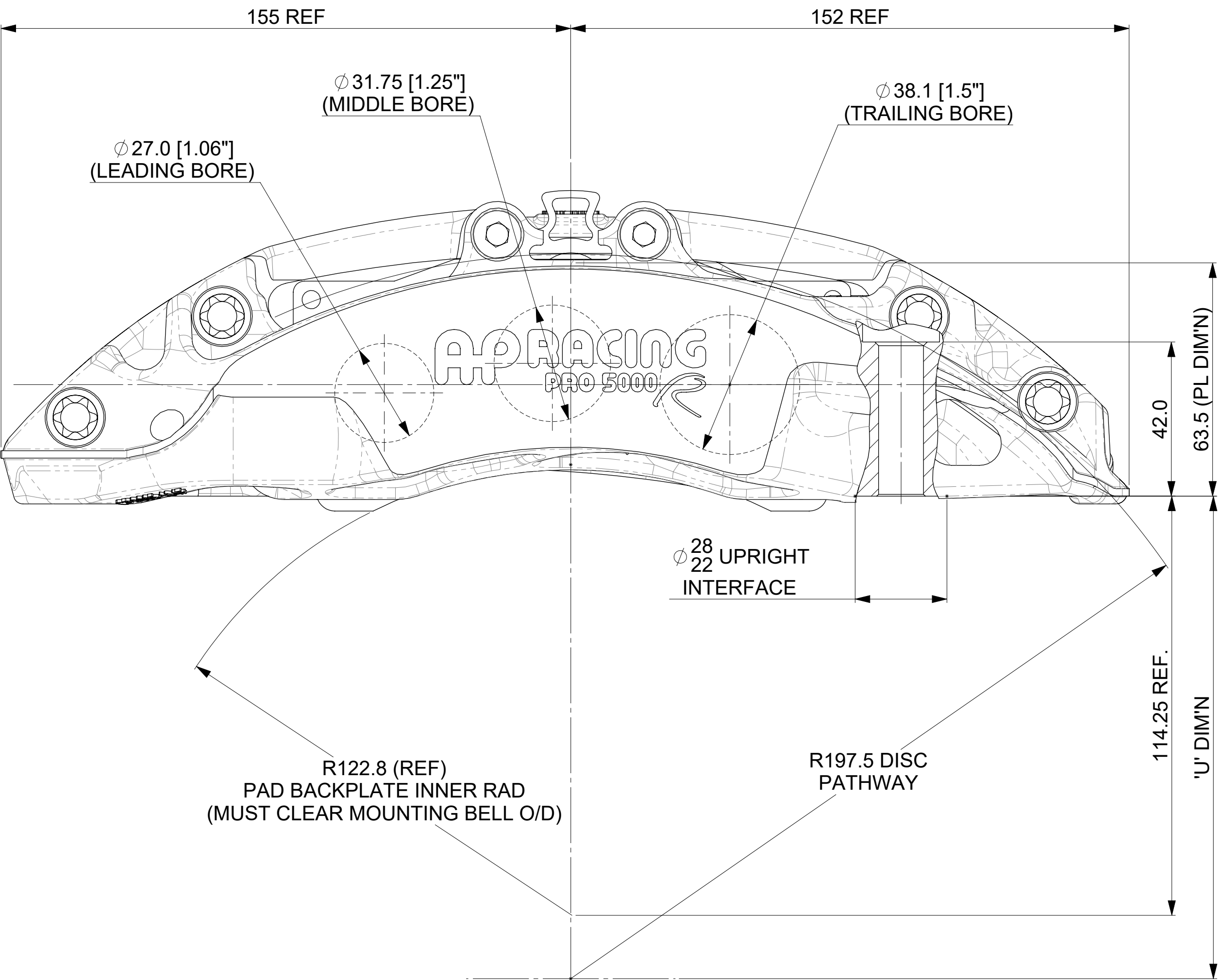
CP4284-134/5CG8 \varnothing 390x36 12F 84v 8.7Kg
CP5772-1030/1CG8 \varnothing 378x32 12f 72v 7.2Kg

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



RADIAL PROFILE TO
SUIT A \varnothing 390 DISC
(FIGURES FOR \varnothing 378
DISC IN BRACKETS)

☑ DISC & WHEEL



TYPICAL MTG
TIGHTENING TORQUE
FOR GUIDANCE ONLY:
M12 -65Nm

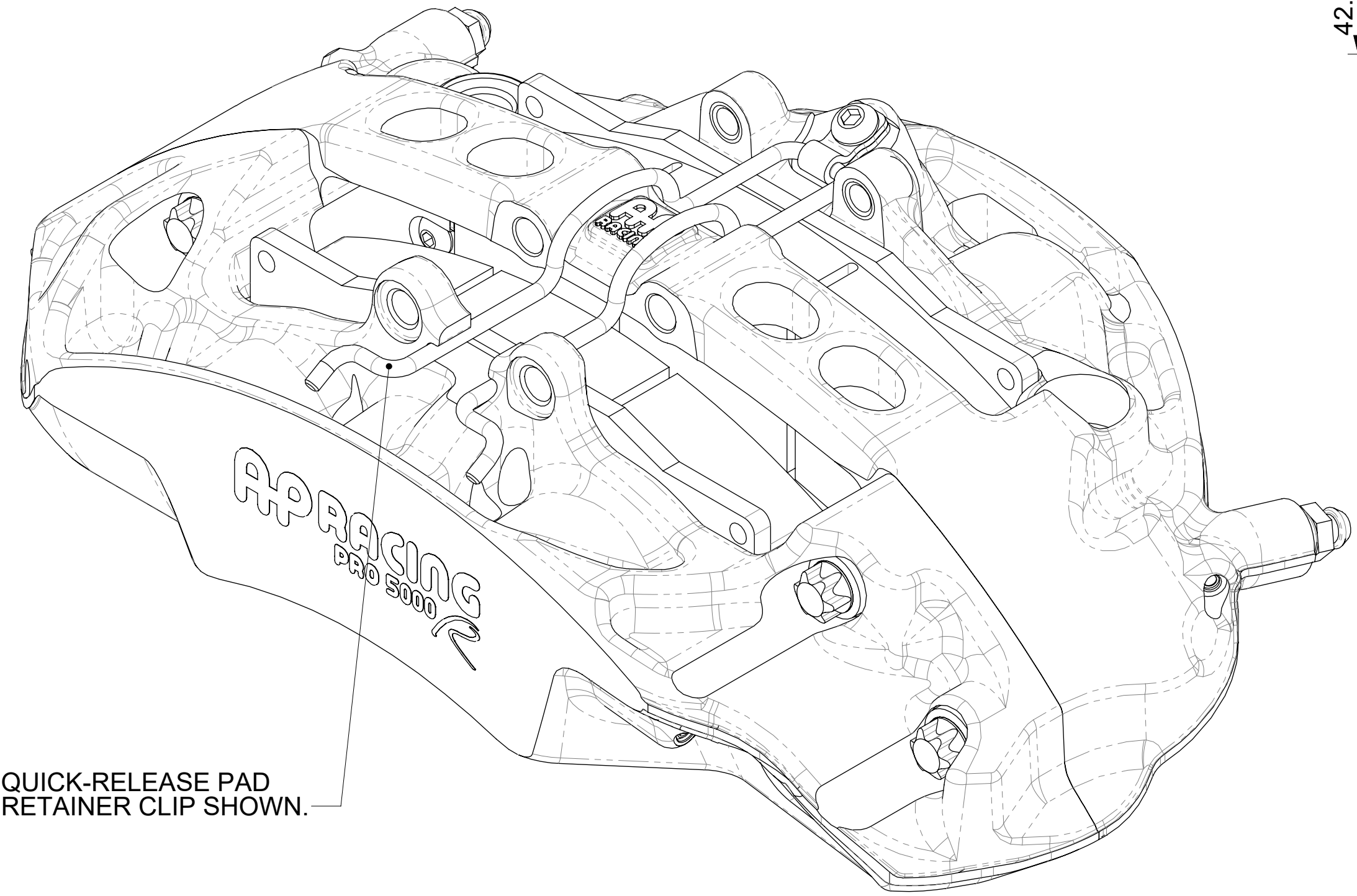
180.0 CTRS.

HYDRAULIC
INLET M10x1.0

12.27
12.17
21.0
SFACE

42.0 OFFSET

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



QUICK-RELEASE PAD
RETAINER CLIP SHOWN.

SCALE 1:1

SHEET 1 OF 2

DRAWN Jon Tait

APPROVED

DERIVED FROM cp9665-1cd

TITLE

6 PISTON PRO 5000 R
CALIPER 180x42 MOUNTING

DRG NO. CP9668-1CD

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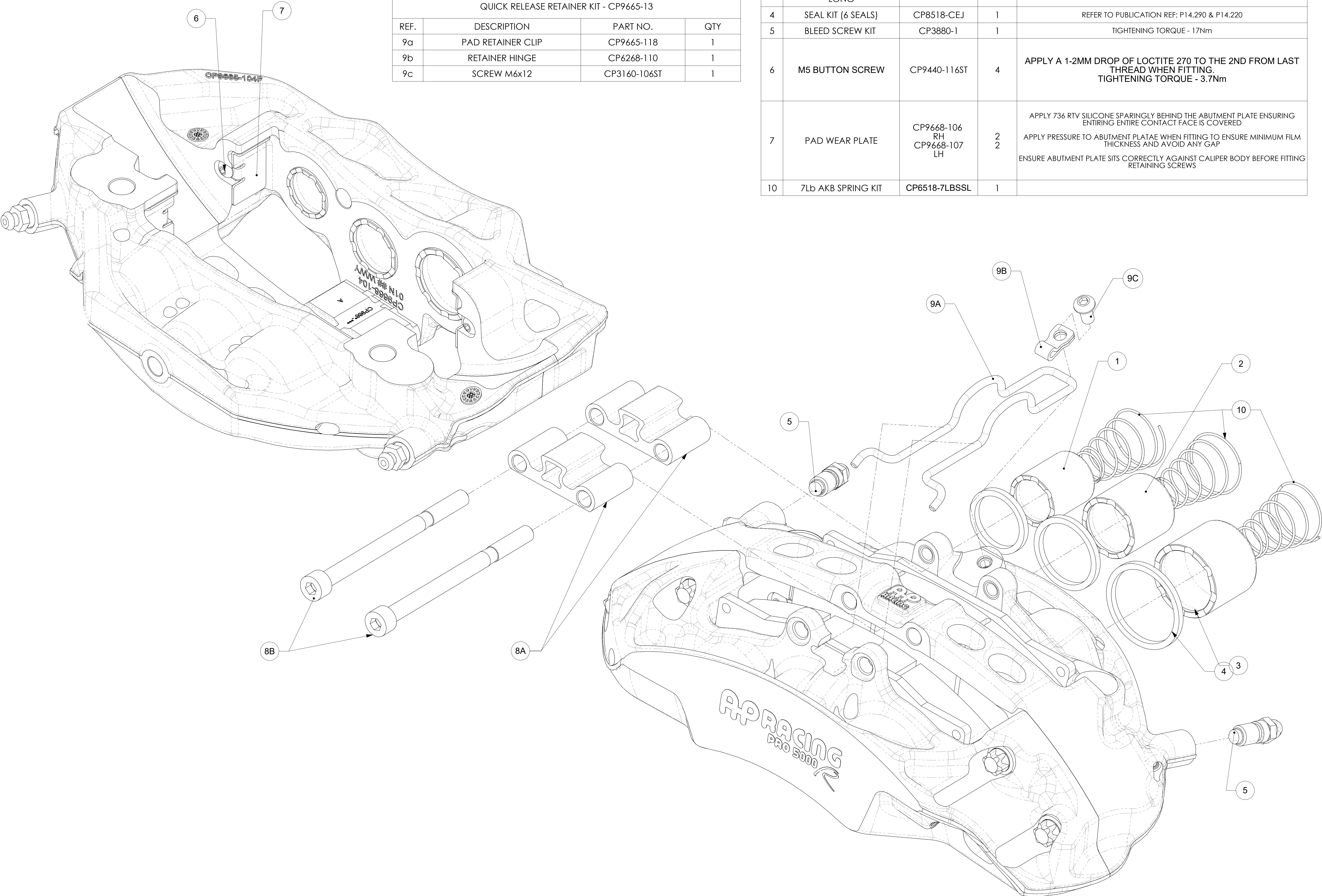
| Issue No. | Alterations | | Zone | Initials |
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| | Date & No. | Particulars | | |

SEE SHEET 1 FOR DETAILS

| PAD RETAINER KIT - CP9665-12 | | | |
|------------------------------|--------------|--------------|-----|
| REF. | DESCRIPTION | PART NO. | QTY |
| 8a | PAD RETAINER | CP9665-121A | 2 |
| 8b | M8 CAP SCREW | CP3715-117ST | 2 |

| QUICK RELEASE RETAINER KIT - CP9665-13 | | | |
|--|-------------------|--------------|-----|
| REF. | DESCRIPTION | PART NO. | QTY |
| 9a | PAD RETAINER CLIP | CP9665-118 | 1 |
| 9b | RETAINER HINGE | CP6268-110 | 1 |
| 9c | SCREW M6x12 | CP3160-106ST | 1 |

| CP9665-2/3S7L SPARES | | | | |
|----------------------|----------------------------|--------------------------------|------------|---|
| REF | DESCRIPTION | PART NO. | QTY / ASSY | FITTING INSTRUCTIONS |
| 1 | Ø1.06 SST PISTON 33.1 LONG | CP9665-114 | 2 | |
| 2 | Ø1.25 SST PISTON 33.1 LONG | CP9665-115 | 2 | |
| 3 | Ø1.5 SST PISTON 33.1 LONG | CP9665-116 | 2 | |
| 4 | SEAL KIT (6 SEALS) | CP8518-CEJ | 1 | REFER TO PUBLICATION REF: P14.290 & P14.220 |
| 5 | BLEED SCREW KIT | CP3880-1 | 1 | TIGHTENING TORQUE - 17Nm |
| 6 | M5 BUTTON SCREW | CP9440-116ST | 4 | APPLY A 1-2MM DROP OF LOCTITE 270 TO THE 2ND FROM LAST THREAD WHEN FITTING. TIGHTENING TORQUE - 3.7Nm |
| 7 | PAD WEAR PLATE | CP9668-106 RH CP9668-107 LH | 2 2 | APPLY 736 RTV SILICONE SPARINGLY BEHIND THE ABUTMENT PLATE ENSURING ENTIRING ENTIRE CONTACT FACE IS COVERED APPLY PRESSURE TO ABUTMENT PLATAE WHEN FITTING TO ENSURE MINIMUM FILM THICKNESS AND AVOID ANY GAP ENSURE ABUTMENT PLATE SITS CORRECTLY AGAINST CALIPER BODY BEFORE FITTING RETAINING SCREWS |
| 10 | 7Lb AKB SPRING KIT | CP6518-7LBSSL | 1 | |



SCALE 1:5 SHEET 2 OF 2

DRAWN Jon Tait

APPROVED

DERIVED FROM cp9665-1cd

TITLE
6 PISTON PRO 5000 R
CALIPER 180x42 MOUNTING

DRG NO. CP9668-1CD