

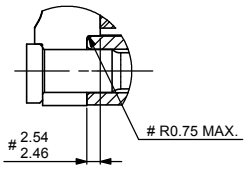
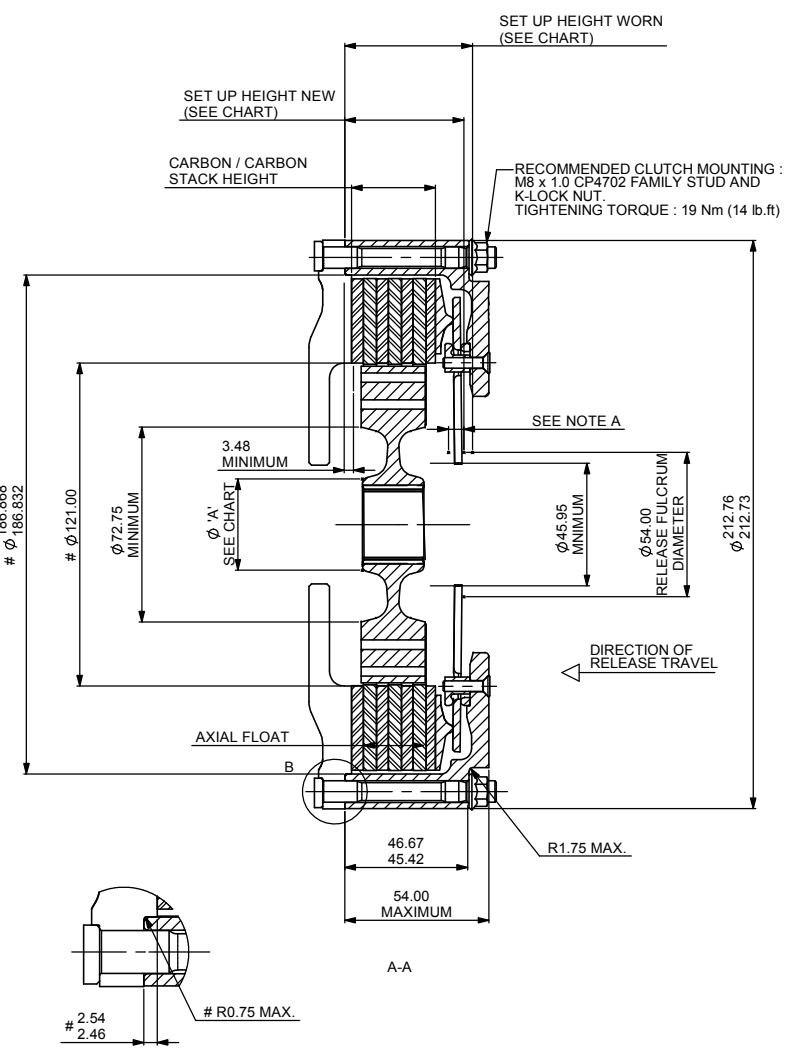
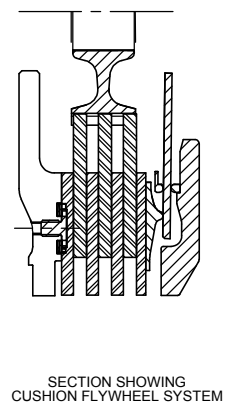
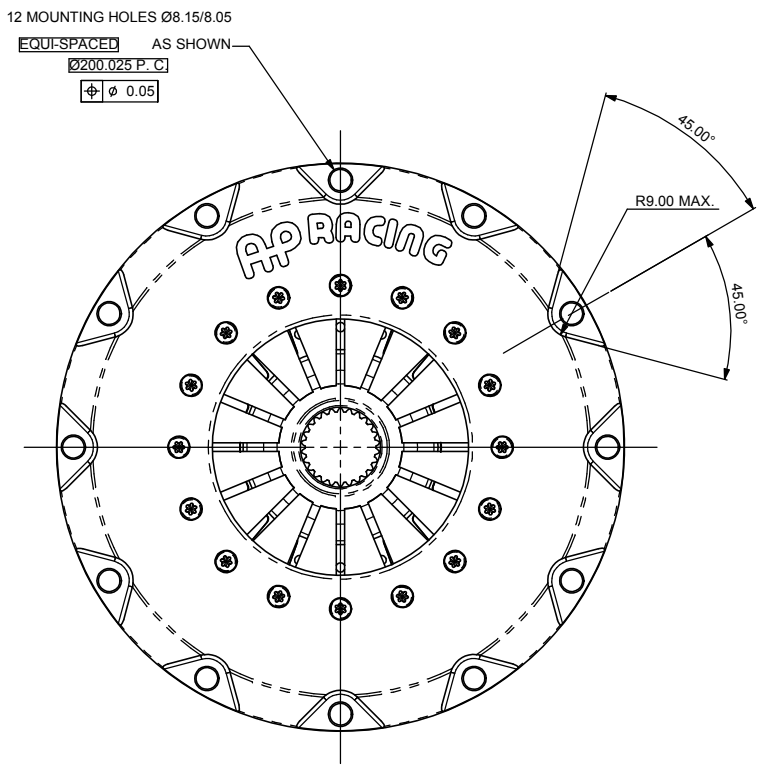
# A1 INSTALLATION DRAWING

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DETAIL B SCALE 2 : 1

**NOTE A :**  
 RELEASE TRAVEL TO BE LIMITED TO 5.50mm MAXIMUM.

**NOTE B :**  
 INTALLATION WIRE FOR USE WHEN INSTALLING CLUTCH. TO ENSURE FLYWHEEL SIDE CARBON PLATE IS LOCATED ON THE COVER LUGS.

**THIS WIRE MUST BE REMOVED BEFORE USE.**  
 # - FLYWHEEL DIMENSIONS.  
 ALTERNATIVE CLUTCH MOUNTING: CAP HEAD BOLT (C'BORED TREAD) TIGHTENING TORQUE 22.0 Nm (16 lb ft)

PRESSURE PLATE SHIM CP7203-156 TO BE USED WHEN CARBON / CARBON WEAR EXCEEDS 3.0mm

CLUTCH PART No. SUFFIX	CP7203-TV02-SC	CP7203-CV02-SC
MAXIMUM DYNAMIC TORQUE CAPACITY Nm (lb/ft)	1303 (961)	1079N (796)
MAXIMUM WEAR IN #	0.50	0.75
RELEASE LOAD (MAX PEAK WORN) daN	375	375
RELEASE LOAD (AT TRAVEL) daN	250	250
SET UP HEIGHT NEW	45.73	43.45
	43.61	43.33
SET UP HEIGHT WORN	47.84	48.51

# THIS CLUTCH HAS BEEN DESIGNED FOR THE WEAR IN INDICATED, WHICH MUST BE COMPENSATED FOR BY USING PRESSURE PLATES FROM EITHER OF THE KITS DETAILED BELOW. MAXIMUM CARBON STACK WEAR IS 6.00mm  
**AXIAL HUB FLOAT MUST BE MAINTAINED**

PRESSURE PLATE KIT (STEEL)			
STANDARD			
0.5 - 2.50, 0.50 STEPS	CP7203-10		CP7203-10
INTERMEDIATE			
0.25 - 2.25, 0.50 STEPS	CP7203-11		CP7203-11

HUB DETAILS		
HUB PART No.	SPLINE DETAIL	Ø 'A' MAX
CP7203-103S	1 5/32"	34.50
CP7203-106S	29.0 x 10	34.50

HUBS ARE AVAILABLE WITH OTHER SPLINE SIZES.

ASSEMBLY MASS AND INERTIA		
ASSEMBLY MASS (kg)	ASSEMBLY INERTIA (kgm²)	DRIVEN PLATES & HUB INERTIA (kgm²)
4.00	0.021977	0.003994

Issue No	Alterations			Zone	Initials
	Date & No.	Particulars			
1	06/03/03 C2164	FIRST ISSUE		#	JG
2	06/02/03 C2164	SHEET 2 1.81/1.79 DELETED 1.76/1.74 WAS 2.05/2.03		D3	JG
3	24/06/03 C2265	CP7203-TV02-SC ADDED		D3	JG
4	25/07/03 C2283	CP7203-CV02-SC ADDED		#	JG
5	13/05/04 C2442	CP7203-TV01-SC DELETED. CP7203-TV21-SC AND CP7203-CV21-SC ADDED.		#	JG
6	03/11/05	CV SPEC. SUH. 45.45/43.33 WAS 43.45/43.33		#	JG
7	29/04/09	CP7203-CV21-SC AND CP7203-TV21-SC DELETED.		#	JG

SCALE 1:1 SHEET 1 OF 2

DRAWN: Jeremy Govan

APPROVED:

DERIVED FROM:

TITLE  
 Ø7.25"mm CARBON / CARBON  
 3 PLATE CLUTCH INSTALLATION

DRG NO. cp7203cd

# A1 INSTALLATION DRAWING

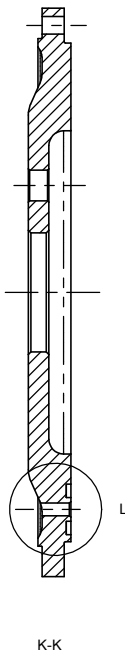
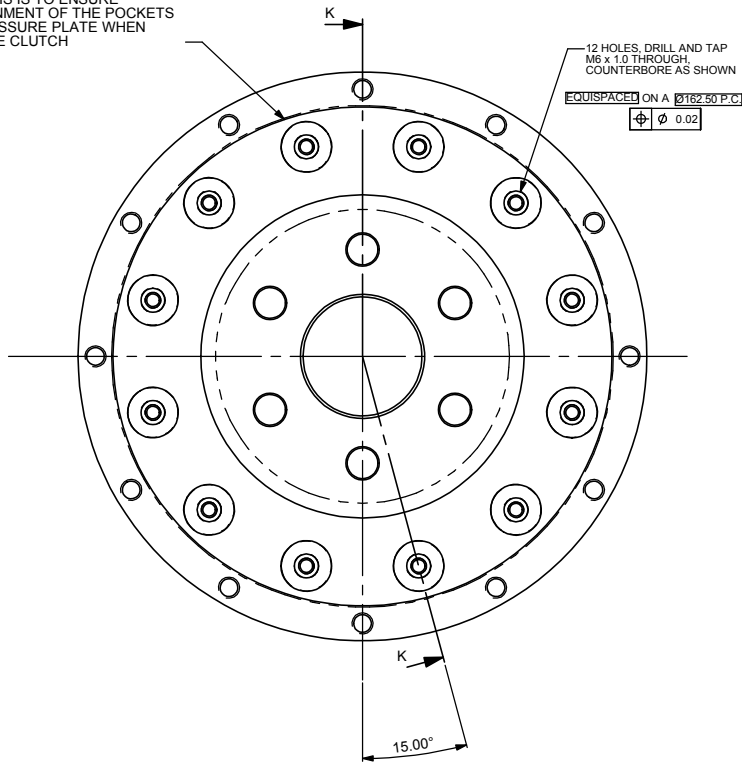
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FIRST ANGLE PROJECTION

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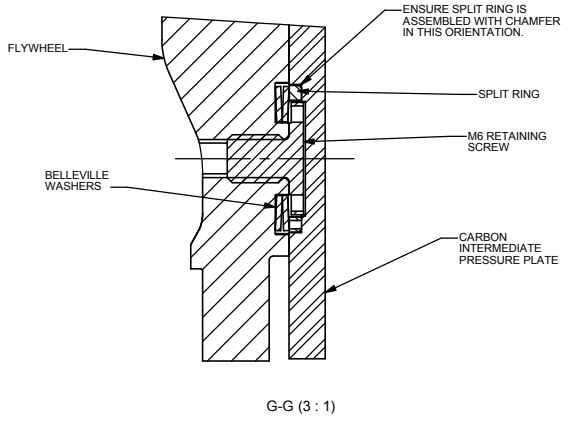
**AP RACING**  
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**IMPORTANT NOTE:-**  
 ALL POCKETS MUST BE MACHINED IN EXACTLY THE ANGULAR POSITION SHOWN. THIS IS TO ENSURE EASY ALIGNMENT OF THE POCKETS IN THE PRESSURE PLATE WHEN FITTING THE CLUTCH



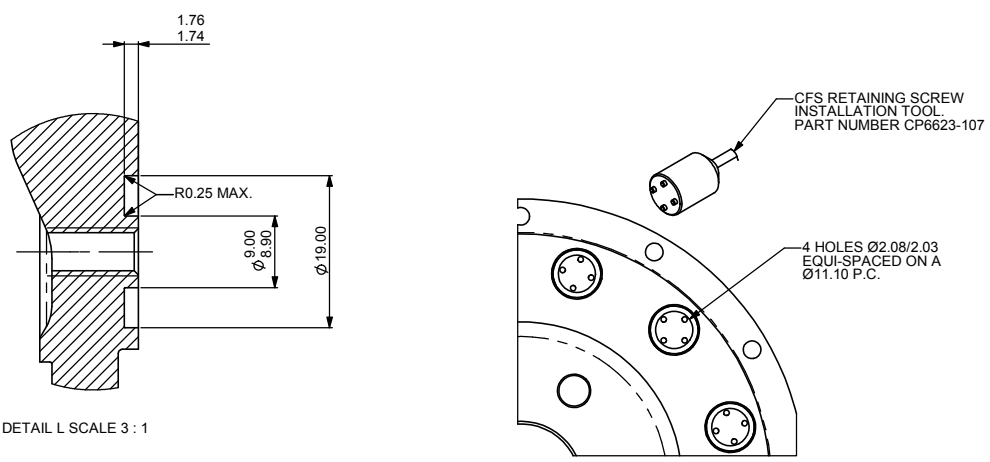
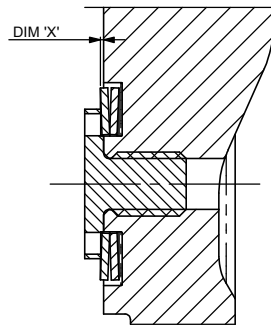
**\* CUSHION FLYWHEEL COMPONENTS AVAILABLE IN KIT FORM.**  
**PART No. CP6623-3**  
 CP6623-3 Cushion Flywheel Kit Installation

1. Machine 12 equispaced pockets and M6 x 1.0 tapped holes into the friction surface of the flywheel, to the size and position shown on opposite.
2. Place the two Belleville washers supplied into each pocket in the orientation shown below.
3. Apply Loctite 620 to threads and tighten the M6 x 1.0 screws onto the Belleville washers to a torque of 4Nm.
4. Compress split washers using pliers and fit into recesses in bottom carbon/carbon pressure plate. Ensure split washers are flush with the friction face



**CUSHIONING REPLACEMENT CRITERIA**

WITH TIME AND USE THE CUSHIONING EFFECT WILL DETERIORATE AND COMPONENTS SHOULD BE SERVICED WITH THE ABOVE KIT WHEN EITHER THE BELLEVILLES BECOME LOOSE OR WHEN DIMENSION 'X' FALLS BELOW 0.2, TAKEN AS THE AVERAGE OF 4 EQUALLY SPACED MEASUREMENTS AROUND THE CIRCUMFERENCE OF THE BELLEVILLE.



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4	25/07/03 C2283	CP7203-CV02-SC ADDED	#	JG

SCALE 1:1	SHEET 2 OF 2
DRAWN	Jeremy Govan
APPROVED	
DERIVED FROM	
TITLE	
Ø7.25mm CARBON / CARBON 3 PLATE CLUTCH INSTALLATION	
DRG NO.	cp7203cd