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IT IS FOR INFORMATION USE ONLY AND THEREFORE IS NOT SUBJECT TO UPDATING CONTROLS. ALWAYS REFER TO SOLIDWORKS VIEWER FOR LATEST ISSUE



GENERAL DESCRIPTION

SENERAL DESCRIPTION
THIS PEDAL BOX IS A GENERIC RACING PEDAL BOX DESIGN. DESIGNED FOR COMFORT AND CONTROL. THIS UPDATED PEDAL BOX HAS A NEW OPTIMISED MACHINES FROM BILLET BASEPLATE AND PEDALS. THE THROTTLE HAS BEEN UPDATED TO ADD ADDITIONAL FEATURES TO AID CONNECTION TO BELL CRANKS AND CABLES.

FEATURES

- OPTIMISED, LIGHTWEIGHT, MACHINED FROM BILLET BASE PLATE.
- OPTIMISED, LIGHTWEIGHT BRAKE PEDAL, WITH IMPROVED TWIST DISPLACEMENT.
- NEW THROTTLE PEDAL WITH ADDITIONAL FEATURES.
- ADJUSTABLE RATIO PEDALS.
- ALL THREADS ARE METRIC, EXCEPT THOSE MENTIONED BELOW.
- Ø10 BALANCE BAR
- ADJUSTABLE STOPS ON THROTTLE PEDALS.
- PEDAL BOX WEIGHT IS 1.9Kg BALANCE BAR ADJUSTER CABLE WEIGHT 236 g (CP2623 MASTER CYLINDERS APPROX 0.31Kg EACH)
- CABLE ADJUSTER INCLUDED.
- ALL PEDALS HAVE BALL BEARING PIVOTS.
- OPTIONAL ROTARY HALL EFFECT SENSOR (WITH PLUG) ON THROTTLE, SEE SHEET 2 FOR DETAILS

	CLEVIS THREADS		THROTTLE SENSOR		
PART NUMBERS	METRIC M8x1.25	IMPERIAL 5/16" UNF	INCLUDED	NOT INCLUDED	
CP5500-625MTS	✓	*	✓	×	
CP5500-625M	✓	×	×	✓	
CP5500-625UTS	×	✓	✓	×	
CP5500-625U	×	✓	×	✓	

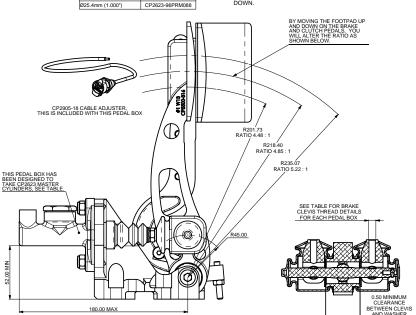
BORE SIZE	BRAKE PEDAL
Ø14.0mm (0.551")	CP2623-88PRM088
Ø15.0mm (0.591")	CP2623-89PRM088
Ø15.9mm (0.625") 5/8"	CP2623-90PRM088
Ø16.8mm (0.661")	CP2623-905PRM088
Ø17.8mm (0.700")	CP2623-91PRM088
Ø19.1mm (0.750") 3/4"	CP2623-92PRM088
Ø20.6mm (0.842") 13/16"	CP2623-93PRM088
Ø22.2mm (0.875") 7/8"	CP2623-94PRM088
Ø23.8mm (0.937") 15/16"	CP2623-95PRM088
	ODOCOO OCDDMOOO

THIS TABLE SHOWS THE RECOMMENDED PUSHROD LENGTHS FOR CYLINDERS IN THIS BOX.

IE YOU ARE ORDERING THE CP5500-505UNE THEN MAKE SURE YOU ORDER YOUR CYLINDERS WITH THE 'PRT' EXTENSION AND NOT THE 'PRM', eg CP2623-

CP2623 CYLINDERS HAVE IMPERIAL THREADS ON THE INLET AND OUTLET, FOR METRIC THREADS ORDER CP5623 VERSIONS INSTEAD.

CYLINDERS WITH LONGER PUSHRODS CAN BE CUT DOWN.





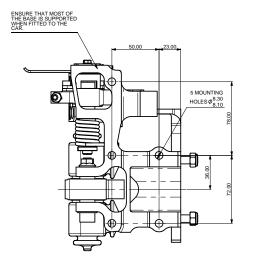
AP Racing Wheler Road Coventry CV3 4LB

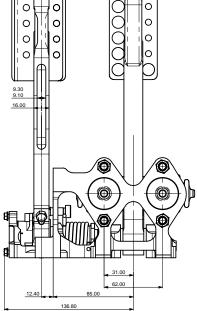
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9 .		Alterations	ne ne	als	l
82	Date & No.	Particulars	Zone	Ν	ŀ
2	05/06/2014 B7111	FIRST ISSUE		SAT	
3	10/02/16	SHEET 3:		DW	
	B7433_03	ITEM 16 - CP5500-373 WAS CP5500-331 ITEM 22 - CP5500-374 WAS CP5500-336	E18 C15		
		BOLT AND BUSH NOTE ADDED	R12		
4	14/09/16 B7626_01	UPDATED	C19	DW	L
		SHEET 3:			

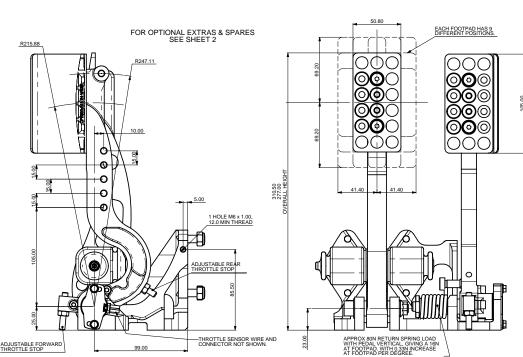
SHEET 1 OF 3 Steve Thomas DRAWN APPROVED DERIVED FROM TITLE

GENERIC FLOOR MTG PEDAL BOX

DRG NO. CP5500-625CD







PEDAL BOX

CP5500-625CD

DRG NO.

-210 -180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180 210

THE GRAPH DATA IS TBC

Operational temperature Storage temperature Vibration Shock EMC Immunity level

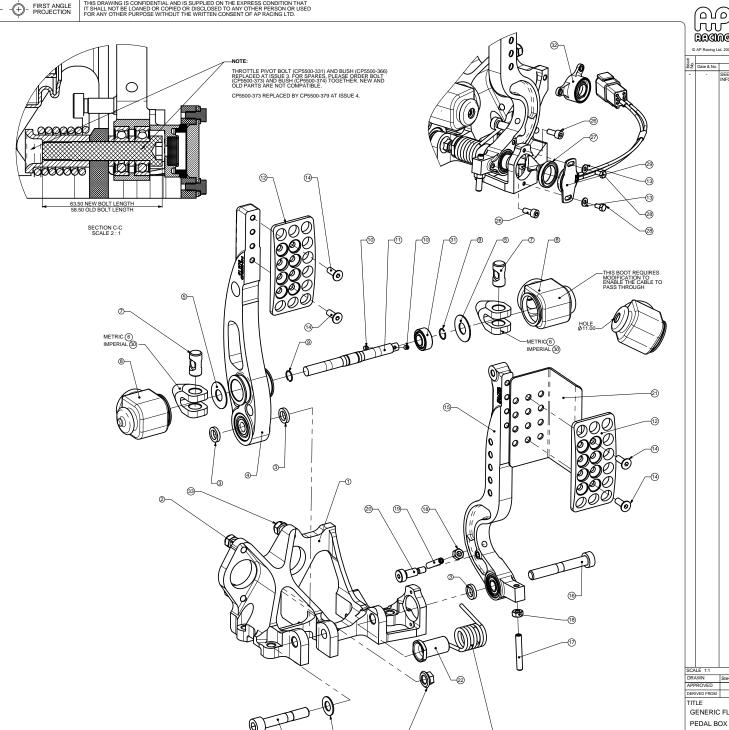
3m drop onto concrete and 2500g BS EN 61000-4-3:1999, to 100V/m, 80MHz to 1GHz and 1.4GHz to 2.7GHz (2004/108/EC)

A0 INSTALLATION DRAWING

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SPARES LIST

ITEM NO.	PART NUMBER	DESCRIPTION	Metric Version Quantity	Imperial Version Quantity
1	CP5500-360	BASE PLATE	1	1
2	CP5500-133	STUD M8x1.25, 28.0 LONG	4	4
3	CP5518-127	SPACER	3	3
4	CP5500-40	BRAKE PEDAL SUB-ASSY	1	1
5	CP5500-124	WASHER	2	2
6	CP5500-312	CLEVIS - METRIC	2	-
7	CP5500-108	BARREL NUT	2	2
8	CP5500-150	RUBBER BOOT	2	2
9	CP5500-148	SNAP RING 0.4375"	2	2
10	CP5500-113st	SCREW M4 x 5	2	2
11	CP5500-105	BALANCE BAR	1	1
12	CP5500-318	FOOTPAD	2	2
13	CP7000-170	WASHER	2	2
14	CP4350-106	M6 x 14 SCREW, COUNTERSUNK	4	4
15	CP5500-46	THROTTLE PEDAL SUB-ASSY	1	1
16	CP5500-379	M10x57x1.50 BOLT	1	1
17	CP5500-338	M6 SCREW x 40, FLAT GRUB	1	1
18	ME21001	M6 x 1.00 NUT	2	2
19	CP5500-324	M6 SCREW x 30, FLAT GRUB	1	1
20	CP7033-111	M6 SCREW, Ø8 SHOULDER	1	1
21	CP5500-329	THROTTLE GUARD	1	1
22	CP5500-374	SPRING SUPPORT BUSH	1	1
23	CP5500-365	TORSION SPRING	1	1
24	CP5427-101	M10 KAYLOCK NUT	1	1
25	CP5200-173	M10x1.50 CAP HEAD BOLT	1	1
26	CP4612-109	M5 x 0.80 CAP HEAD	2	2
27	CP5500-364	DEBRIS SLEEVE	1	1
28	CP4028-114	M4 x 0.7 HEX HEAD SCREW, 8.00 LONG	2	2
29	CP5500-369	ROTARY SENSOR	1	1
30	CP5500-345	CLEVIS - UNF	-	2
31	CP5500-339	SPHERICAL BEARING	1	1
32	CP5500-363	MAGNET HOLDER	1	1
33	CP5500-346	M8 NYLOC NUT	4	4
34	CP5200-150	WASHER	1	1



AP Racing Wheler Road Coventry CV3 4LB

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SCALE 1:1 Steve Thomas
APPROVED SHEET 3 OF 3

GENERIC FLOOR MTG

DRG NO.

CP5500-625CD