



STOCK CAR PRODUCT GUIDE

Monster Energy Cup Series

Xfinity Series

Camping World Truck Series



All Race Product Exclusively Distributed in the USA by: -





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CP5856

Body 6 Piston
RadiCal Monobloc
Mtg Ctrs 210mm
Offset 43.5mm
Bores 1.25" x 34mm x 1.625"
Finish ENP
Weight 6.15 Lbs



RHL CP5856-14SOMP
19.02.038

LHL CP5856-15SOMP
19.02.039

NOTE: Other mount variants of this caliper range are available. Please refer to Essex Parts Services for details

1 piece Titanium dome back piston, can accept ceramic cap

CP5845

Body 6 Piston
RadiCal Monobloc
Mtg Ctrs 210mm
Offset 43.5mm
Bores 1.25" x 34mm x 1.625"
Finish Hard Anodised
Weight 6.80 Lbs

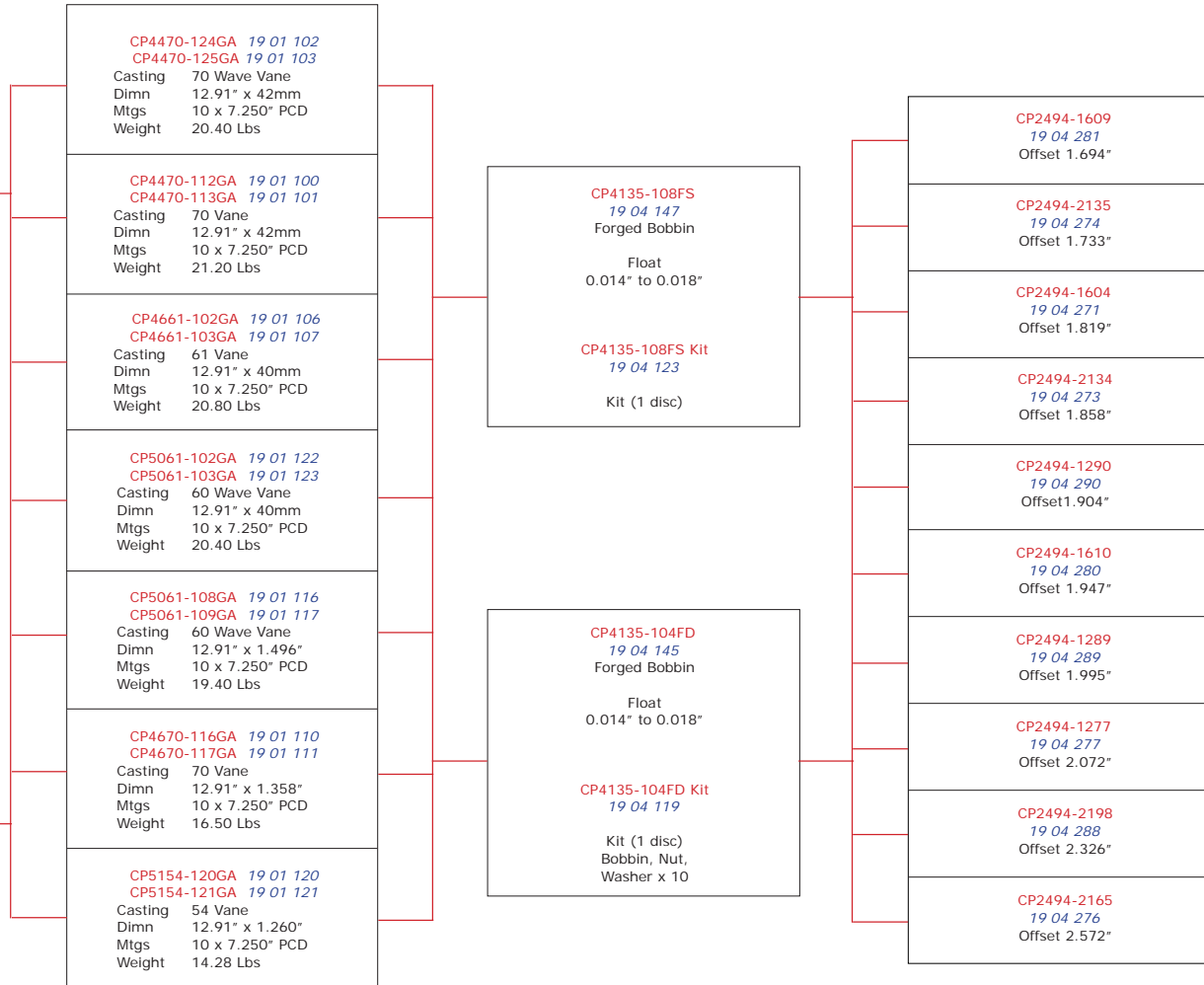


RHL CP5845-4SOMP
19.02.034

LHL CP5845-5SOMP
19.02.035

1 piece Titanium dome back piston, can accept ceramic cap

MONSTER ENERGY CUP - APPLICATION FLOW CHARTS
SHORT TRACK / ROAD COURSE - FRONT



Caliper Seal Kit

CP5856 - CP4518-EFK 08 04 926
CP5845 - CP4518-EFK 08 04 926

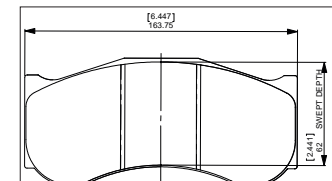
CP4528-EFK
19 03 136

Piston Cap Kit

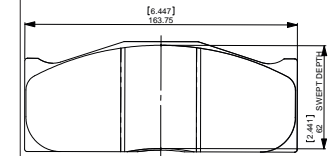
Kit contains 6 caps & 6 snap rings.
To suit CP5856 & CP5845

CP5820-7
19 02 008

Mounting Bracket

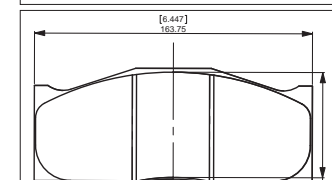


CP5856 PAD
Pad Area 94.2cm² (14.6 in²)
Pad Thickness 31.8mm (1.25")



CP5820 PAD
Pad Area 91cm² (14.4 in²)
Pad Thickness 29.8mm (1.173")

- CP5856 Caliper Pad
CP5856D62 or CP5820D62
- | | |
|-----------------|--------|
| CP5820 | CP5856 |
| Ferodo FRP3040 | |
| Hawk HB331 | |
| Mintex 2016 | |
| PFC 7773*.*30 | |
| Polymatrix 5869 | |
| P Mu 5821 | |
| Raybestos R600 | R602 |



CP5820 PAD
Pad Area 91cm² (14.4 in²)
Pad Thickness 29.8mm (1.173")

- CP5845 Caliper Pad
CP5820D62
- | | |
|-----------------|--------|
| CP5820 | CP5845 |
| Ferodo FRP3040 | |
| Hawk HB331 | |
| Mintex 2016 | |
| PFC 7773*.*30 | |
| Polymatrix 5869 | |
| P Mu 5821 | |
| Raybestos R600 | |

CALIPER

DISC

HARDWARE

BELL

PAD

MONSTER ENERGY CUP - APPLICATION FLOW CHARTS
SHORT TRACK / ROAD COURSE - REAR


CP5848/9

Body 4 Piston
 RadiCal Monobloc

Mtg Ctrs 184.00mm
 Offset 42.00mm

Bores CP5848 1.375 x 1.25"
 CP5849 1.25 x 1.125"

Finish ENP
 Weight 4.56 Lbs



Standard Mount -
 RHL CP5848-8SOMCN 19.02.150
 LHL CP5848-9SOMCN 19.02.151
 RHL CP5849-8SOMCN 19.02.152
 LHL CP5849-9SOMCN 19.02.153

Underslung Mount -
 RHL CP5848-10SOMCN 19.02.156
 LHL CP5848-11SOMCN 19.02.157
 RHL CP5849-10SOMCN 19.02.158
 LHL CP5849-11SOMCN 19.02.159

CP5846/7

Body 4 Piston
 Standard Monobloc

Mtg Ctrs 184.00mm
 Offset 42.00mm

Bores CP5846 1.375 x 1.25"
 CP5847 1.25 x 1.125"

Finish Hard Anodised
 Weight 5.14 Lbs



RHL CP5846-4SOMC 19.02.170
 LHL CP5846-5SOMC 19.02.171

RHL CP5847-4SOMC 19.02.172
 LHL CP5847-5SOMC 19.02.173

CP4770-114GE 19 01 092
 CP4770-115GE 19 01 093

Casting 70 Wave Vane
 Dimn 12.91" x 1.385"
 Mtgs 12 x 8.250" PCD
 Weight 14.00 Lbs

CP5061-112GE 19 01
 CP5061-113GE 19 01

Casting 61 Vane
 Dimn 12.91" x 1.385"
 Mtgs 12 x 8.250" PCD
 Weight 13.90 Lbs

CP4661-110GA 19 01 106
 CP4661-111GA 19 01 107

Casting 61 Vane
 Dimn 12.91" x 1.250"
 Mtgs 12 x 8.250" PCD
 Weight 11.58 Lbs

CP5061-110GA 19 01 098
 CP5061-111GA 19 01 099

Casting 60 Wave Vane
 Dimn 12.91" x 1.250"
 Mtgs 12 x 8.250" PCD
 Weight 11.58 Lbs

CP3837-110GA 19 01 088
 CP3837-111GA 19 01 089

Casting 36 Vane
 Dimn 12.91" x 0.940"
 Mtgs 12 x 8.250" PCD
 Weight 8.00 Lbs

CP4135-102FC
 19 04 144
 Forged Bobbin

Float
 0.014" to 0.018"

CP4135-102FC Kit
 19 04 127

Kit (1 disc)
 Bobbin, Nut,
 Washer x 12

CP2494-2162
 19 04 295
 Offset 1.904"

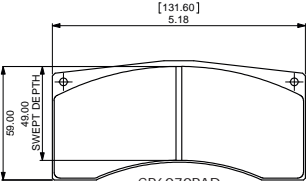
CP2494-2334
 19 04 298
 Offset 2.088"

OTHER

CP2494-2161U
 19 04 102
 Mounting Bracket

Calliper Seal Kit

CP5846 - CP4518-EG 08 04 917
 CP5847 - CP4518-DE 08 04 915
 CP5848 - CP4518-EG 08 04 917
 CP5849 - CP4518-DE 08 04 915



CP6070PAD
 Pad Area 61.60cm² (9.548in²)
 Pad Thickness 25.0mm (0.984")
 Volume 154cm³ (9.398in³)

CP6070D49

Ferodo FRP1078
 Hawk HB105
 Mintex 1697
 PFC 7700*, *25
 Polymatrix 9225
 P Mu 1070

CALIPER

DISC

HARDWARE

BELL

PAD

MONSTER ENERGY CUP - APPLICATION FLOW CHARTS
INTERMEDIATE - FRONT

CP5896

Body 6 Piston
RadiCal Monobloc

Mtg Ctrs 210mm
Offset 41.5mm

Bores 1.625" x 1.25" x 1.125"

Finish ENP

Weight 5.25 Lbs



RHL CP5896-8SOMN 19.02.056
LHL CP5896-9SOMN 19.02.057

0.010" Retraction
RHL CP5896-14SOMN 19.02.048
LHL CP5896-15SOMN 19.02.049

NOTE: Other mount variants of this caliper range are available. Please refer to Essex Parts Services for details

CP5895

Body 6 Piston
RadiCal Monobloc

Mtg Ctrs 210mm
Offset 41.5mm

Bores 1.625" x 1.25" x 1.125"

Finish Hard Anodised

Weight 5.50 Lbs



RHL CP5895-4SOM 19.02.054
LHL CP5895-5SOM 19.02.055

0.010" Retraction
RHL CP5895-8SOM 19.02.046
LHL CP5895-9SOM 19.02.047

CP3948-128GA 19 01 988
CP3948-129GA 19 01 989

Casting 48 Vane
Dimn 12.00" x 1.299"
Mtg 10 x 7.680" PCD
Weight 9.78 Lbs
Pad Type A

NOTE: Spindle Modification Required

CP3581-1582GA 19 01 982
CP3581-1583GA 19 01 983

Casting 48 Vane
Dimn 12.81" x 1.32"
Mtg 10 x 7.795" PCD
Weight 13.0 Lbs
Pad Type B

CP4770-102GA 19 01 992
CP4770-103GA 19 01 993

Casting 70 Wave Vane
Dimn 12.81" x 1.32"
Mtg 10 x 7.795" PCD
Weight 13.8 Lbs
Pad Type C

CP4770-104GA 19 01 994
CP4770-105GA 19 01 995

Casting 70 Wave Vane
Dimn 12.81" x 1.36"
Mtg 10 x 7.795" PCD
Weight 14.6 Lbs
Pad Type C

CP4770-106GA 19 01 990
CP4770-107GA 19 01 991

Casting 70 Wave Vane
Dimn 12.81" x 1.46"
Mtg 10 x 7.795" PCD
Weight 16.6 Lbs
Pad Type C

CP4770-108GA 19 01 996
CP4770-109GA 19 01 997

Casting 70 Wave Vane
Dimn 12.81" x 1.495"
Mtg 10 x 7.795" PCD
Weight 17.2 Lbs
Pad Type C

CP3837-2054GA 19 01 900
CP3837-2055GA 19 01 901

Casting 36 Vane
Dimn 12.91" x 1.043"
Mtg 10 x 7.795" PCD
Weight 9.2 Lbs
Pad Type C

CP4135-104FD 19 04 145
Forged Bobbin
Float 0.014" to 0.018"

CP4135-104FD Kit 19 04 119
Kit (1 disc)

CP4135-103FE 19 04 149
Forged Bobbin
Float 0.006" to 0.010"

CP4135-103FE Kit 19 04 124
Kit (1 disc)

CP4135-104FD 19 04 145
Forged Bobbin
Float 0.014" to 0.018"

CP4135-104FD Kit 19 04 119
Kit (1 disc)

CP4135-103FE 19 04 149
Forged Bobbin
Float 0.006" to 0.010"

CP4135-103FE Kit 19 04 124
Kit (1 disc)

CP4135-106FP 19 04 146
Forged Bobbin
Float 0.014" to 0.018"

CP4135-106FP Kit 19 04 117
Kit (1 disc)

CP4135-105FM 19 04 148
Forged Bobbin
Float 0.006" to 0.010"

CP4135-105FM Kit 19 04 122
Kit (1 disc)

CP4135-104FD 19 04 145
Forged Bobbin
Float 0.014" to 0.018"

CP4135-104FD Kit 19 04 119
Kit (1 disc)

CP4135-103FE 19 04 149
Forged Bobbin
Float 0.006" to 0.010"

CP4135-103FE Kit 19 04 124
Kit (1 disc)

CP2494-3015 19 04 471
Offset 1.935"

CP2494-3016 19 04 472
Offset 2.055"

CP2494-3014 19 04 470
Offset 2.066"

CP2494-2394 19 04 315
Offset 1.580"

CP2494-2091 19 04 235
Offset 1.650"

CP2494-2089 19 04 324
Offset 1.697"

CP2494-2088 19 04 321
Offset 1.717"

CP2494-2087 19 04 323
Offset 1.766"

CP2494-2086 19 04 322
Offset 1.786"

CP2494-1292 19 04 292
Offset 1.904"

CP2494-2142 19 04 328
Offset 1.924"

CP2494-1902 19 04 317
Offset 1.978"

CP2494-1678 19 04 320
Offset 1.997"

CP2494-1677 19 04 319
Offset 2.046"

CP2494-1676 19 04 318
Offset 2.066"

CP2494-1279 19 04 279
Offset 2.070"

CP2494-1278 19 04 278
Offset 2.141"

CP2494-2141 19 04 327
Offset 2.204"

CP2494-2140 19 04 326
Offset 2.250"

CP2494-2200 19 04 313
Offset 2.315"

CP2494-2420 19 04 314
Offset 2.578"

CP5820-7 19 02 008
Mounting Bracket

CP5896-18 19 03 570
Angled Pad Abutment Kit
1 kit per caliper (CP5896 only)
**Pad mod reqd - Ref Essex **

CP5896-7 19 04 036
Plate Style Pad Retraction Kit
(max 25.4 mm pad)
1 kit per caliper

CP5896-DEK 19 03 206
Piston Cap Kit
Can be used with CP5896-7 plate kit,
or std piston

CP5820-126 19 04 106
Caliper Mtg Stud
Use if moving caliper back to suit 12.81"
disc after modifying spindle

Caliper Seal Kit
CP5895 - CP4518-DEK 08 04 924
CP5896 - CP4518-DEK 08 04 924

CP5896 & CP5895 PAD DATA

PAD TYPE A			
CP3894D46			
Ferodo			
Hawk			
P Mu			
PFC	7670.*.18		7670.*.25
C Lorraine			
Depth	46mm		46mm
Thickness	18.00mm		25.00mm
Area	66.60cm ²		66.60cm ²
Volume	119.88cm ³		166.50cm ³
Disc Dia	12.00"		12.00"
NOTE: Pads are available pre-machined to suit angled pad abutments: - 18.00mm thk PFC 7673.01.18.34 25.00mm thk PFC 7673.01.25.34			
PAD TYPE B			
CP3894D46			
Ferodo	FRP3000		FRP1060
Hawk	HB121.18		HB121.25
P Mu	F1094.18		F1094.25
PFC	7794.*.18		7794.*.25
C Lorraine	5009W46		5009W46
Depth	46mm		46mm
Thickness	18.00mm		25.00mm
Area	66.60cm ²		66.60cm ²
Volume	119.88cm ³		166.50cm ³
Disc Dia	12.81"		12.81"
PAD TYPE C			
Ferodo	CP3558D54		CP4595D54
Hawk	FRP3014		FRP3015
Mintex	HB109.98		HB109.1.12
PFC	1850.25		1850.28
	7790.*.25		7790.*.29
Polymatrix	8825		8828
Raybestos	R2600-25		R2600-28
Depth	54mm		54mm
Thickness	25.00mm		28.50mm
Area	77.40cm ²		77.40cm ²
Volume	196.59cm ³		220.59cm ³
Disc Dia	12.81"		12.81"

CALIPER

DISC

HARDWARE


BELL

PAD

MONSTER ENERGY CUP - APPLICATION FLOW CHARTS
INTERMEDIATE - REAR (1.00" Wide disc and below)

CP5545

Body 4 Piston
 RadiCal Monobloc
 Finish ENP
 Weight 2.44 Lbs



1.00" wide disc

RHL CP5545-4SOMP 19.02.330
 LHL CP5545-5SOMP 19.02.331

Bore 1.250" x 1.125"
 Mtg Ctrs 120mm
 Offset 46.0mm

NOTE: Other bore variants of this caliper range are available. Please refer to Essex Parts Services for details

CP3837-2058CG8 19 01 240
 CP3837-2059CG8 19 01 241

Casting 36 Vane (light weight race)
 Dimn 12.91" x 1.00" D32
 Weight 6.37 Lbs
 Bell Type A

CP6565-206CG8 19 01 230
 CP6565-207CG8 19 01 231

Casting 48 Vane
 Dimn 12.91" x 1.00" D32
 Weight 7.40 Lbs
 Bell Type A

CP6565-180CG8 19 01 968
 CP6565-181CG8 19 01 969

Casting 48 Vane
 Dimn 12.91" x 1.00" D38
 Weight 8.53 Lbs
 Bell Type B

CP3837-2056CG8 19 01 940
 CP3837-2057CG8 19 01 941

Casting 36 Vane
 Dimn 12.91" x 1.00" D38
 Weight 7.42 Lbs
 Bell Type B

CP4348-112CG8 19 01 064
 CP4348-113CG8 19 01 965

Casting 48 Vane
 Dimn 12.19" x 0.78" D43
 Weight 6.96 Lbs
 Bell Type C

CP3580-1232CG8 19 01 926
 CP3580-1233CG8 19 01 927

Casting 48 Vane
 Dimn 11.02" x 1.00" D32
 Weight 6.48 Lbs
 Bell Type D

CP2494-595MA 19 04 139
 Standard Bobbin
 Float 0.014" to 0.018"

19 04 184
 Nut, Bolt, Washer Kit (1 disc)

CP2494-589MJ 19 04 141
 Standard Bobbin
 Float 0.014" to 0.018"

CP2494-1341MD 19 04 140
 Low Float Bobbin
 Float 0.008" to 0.006"

19 04 184
 Nut, Bolt, Washer Kit (1 disc)

CP2494-593MB 19 04 138
 Low Float Bobbin
 Float 0.008" to 0.006"

CP2494-1341MD 19 04 140
 Low Float Bobbin
 Float 0.008" to 0.006"

19 04 183
 Nut, Bolt, Washer Kit (1 disc)

BELL TYPE A
 8 x 240.00mm (9.448")

CP2494-3010 19 04 460
 Offset 1.326"

CP2494-3011 19 04 461
 Offset 1.581"

BELL TYPE B
 8 x 230.00mm (9.055")

CP2494-2401 19 04 450
 Offset 1.500"

CP2494-2448 19 04
 Offset 2.503"

BELL TYPE C
 8 x 202.00mm (7.953")

CP2494-2209 19 04 438
 Offset 1.721"

CP2494-1908 19 04 430
 Offset 1.875"

CP2494-1909 19 04 431
 Offset 2.000"

CP2494-1905 19 04 432
 Offset 2.120"

CP2494-2335 19 04 440
 Offset 1.159"

CP2494-2210 19 04 439
 Offset 2.191"

CP2494-2118 19 04 434
 Offset 2.303"

CP2494-1904 19 04 433
 Offset 2.500"

BELL TYPE D
 8 x 186.00mm (7.323")

CP2494-2650 19 04 550
 Offset 2.598"

CP2494-2680 19 04 551
 Offset 2.000"

OTHER

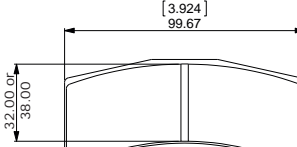
CP5545 Caliper
 Mounting Bracket
 CP5545-7 19 04 086

Caliper Seal Kit

Bore

1.125 x 1.062	CP4518-CD	08 04 913
1.250 x 1.125	CP4518-DE	08 04 915
1.375 x 1.250	CP4518-EG	08 04 917

CP5545 Caliper Pad
 CP7031D32



CP7031D32 or D38

	D32	D38
Ferodo	FRP3102	
Mintex		
PFC	7688	7687
Polymatrix		
P Mu	1731	
Raybestos		
Area	31.17cm ²	39.47 cm ²
Thickness	15.75mm	15.75mm
Volume	49.10cm ³	62.16cm ³

CP5545

Body 4 Piston
RadiCal Monobloc
Finish ENP
Weight 2.44 Lbs



1.25" wide disc

RHL CP5545-14S0MPN 19.02.320
LHL CP5545-15S0MPN 19.02.321

Bore 1.250" x 1.125"
Mtg Ctrs 120mm
Offset 49.3mm

NOTE: Other variants of this caliper range are available. Please refer to Essex Parts Services for details

CP54/55/5610

Body 4 Piston
Mtg Ctrs 120mm
Offset 46.0mm
Finish Hard Anodised
Weight 3.8 Lbs



RHL CP5610-4SOL 19.02.214
LHL CP5610-5SOL 19.02.215

Bores 1.375" x 1.25"

RHL CP5510-4SOL 19.02.202
LHL CP5510-5SOL 19.02.203

Bores 1.125" x 1.06"

RHL CP5410-4SOL 19.02.182
LHL CP5410-5SOL 19.02.183

Bores 1.25" x 1.125"

NOTE: Caliper modification reqd to run 12.91" dia disc option

CP5421/CP5420

Body 4 Piston
RadiCal Monobloc
Finish Hard Anodised
Mtg Ctrs 120mm
Offset 49.3mm
Weight 3.93 Lbs



RHL CP5421-4SOL 19.02.310
LHL CP5421-5SOL 19.02.311

Bores 1.125" x 1.067"

RHL CP5420-4SOL 19.02.300
LHL CP5420-5SOL 19.02.301

Bores 1.250" x 1.125"

MONSTER ENERGY CUP - APPLICATION FLOW CHARTS
INTERMEDIATE - REAR (1.10" Wide disc and above)

CP3836-2086CG8 19 01 924
CP3836-2087CG8 19 01 925

Casting 36 Vane
Dimn 12.00" x 1.25" D32
Weight 7.40 Lbs
Bell Type E

CP3836-2084CG8 19 01 922
CP3836-2085CG8 19 01 923

Casting 36 Vane
Dimn 12.91" x 1.10" D32
Weight 7.07 Lbs
Bell Type A

CP3836-2082CG8 19 01 920
CP3836-2083CG8 19 01 921

Casting 36 Vane
Dimn 12.91" x 1.25" D32
Weight 7.97 Lbs
Bell Type A

CP6532-106CG8 19 01 786
CP6532-107CG8 19 01 787

Casting 32 Vane
Dimn 12.91" x 1.25" D38
Weight 8.43 Lbs
Bell Type B

CP3930-106CG8 19 01 972
CP3930-107CG8 19 01 973

Casting 30 Vane
Dimn 12.91" x 1.25" D38
Weight 11.40 Lbs
Bell Type B

CP3847-122CG8 19 01 966
CP3847-123CG8 19 01 967

Casting 36 Vane
Dimn 12.19" x 1.10" D38
Weight 7.76 Lbs
Bell Type C

CP4248-116CG8 19 01 956
CP4248-117CG8 19 01 957

Casting 48 Vane
Dimn 12.19" x 1.10" D43
Weight 9.38 Lbs
Bell Type C

CP3860-120CG8 19 01 954
CP3860-121CG8 19 01 955

Casting 60 Vane
Dimn 12.19" x 1.25" D43
Weight 11.00 Lbs
Bell Type C

CP2494-593MB 19 04 138
Low Float Bobbin
Float 0.008" to 0.006"

CP2494-1341MD 19 04 140
Low Float Bobbin
Float 0.008" to 0.006"

19 04 183
Nut, Bolt, Washer Kit (1 disc)

CP2494-589MJ 19 04 141
Standard Bobbin
Float 0.014" to 0.018"

CP2494-1341MD 19 04 140
Low Float Bobbin
Float 0.008" to 0.006"

19 04 184
Nut, Bolt, Washer Kit (1 disc)

CP2494-504MP 19 04 143
Standard Bobbin
Float 0.014" to 0.018"

CP2494-1342MM 19 04 142
Low Float Bobbin
Float 0.008" to 0.006"

19 04 184
Nut, Bolt, Washer Kit (1 disc)

Caliper Seal Kit

Bore
1.125 x 1.062 CP4518-CD 08 04 913
1.250 x 1.125 CP4518-DE 08 04 915
1.375 x 1.250 CP4518-EG 08 04 917

BELL TYPE A
8 x 240.00mm (9.448")

CP2494-3010 19 04 460
Offset 1.326"

CP2494-3011 19 04 461
Offset 1.581"

BELL TYPE B
8 x 230.00mm (9.055")

CP2494-2401 19 04 450
Offset 1.500"

CP2494-2448 19 04
Offset 2.503"

BELL TYPE C
8 x 202.00mm (7.953")

CP2494-2209 19 04 438
Offset 1.721"

CP2494-1908 19 04 430
Offset 1.875"

CP2494-1909 19 04 431
Offset 2.000"

CP2494-1905 19 04 432
Offset 2.120"

CP2494-2335 19 04 440
Offset 1.159"

CP2494-2210 19 04 439
Offset 2.191"

CP2494-2118 19 04 434
Offset 2.303"

CP2494-1904 19 04 433
Offset 2.500"

BELL TYPE D
8 x 186.00mm (7.323")

CP2494-2650 19 04 550
Offset 2.598"

CP2494-2680 19 04 551
Offset 2.000"

BELL TYPE E
8 x 215.00mm (8.450")

CP2494-3034 19 04
Offset 2.042"

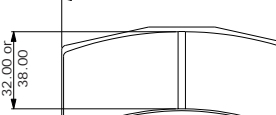
CP2494-3035 19 04 465
Offset 1.471"

CP5545 Caliper
Mounting Bracket
CP5545-7 19 04 086

CP54/55/5610 Caliper
Mounting Bracket
CP5610-8 19 04 079

CP5545 Caliper Pad
CP7031D32 or D38

[3.924]
99.67

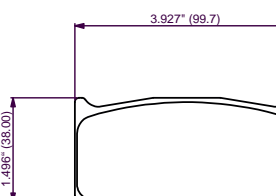


CP7031D32 or D38

	D32	D38
Ferodo	FRP3102	
Hawk		
Mintex		
PFC	7688	7687
Polymatrix		
P Mu	1731	
Raybestos		
Area	31.17cm ²	39.47 cm ²
Thickness	15.75mm	15.75mm
Volume	49.10cm ³	62.16cm ³

CP54/55/5610 Caliper Pad
CP5510D38

3.927" (99.7)

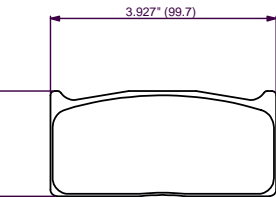


1.496" (38.00)

Refer to Essex Parts Services

CP54/55/5610 Caliper Pad
CP5510D43

3.927" (99.7)



1.496" (38.00)

	16mm	20mm	22mm
Ferodo	FRP 1079	FRP308	
Hawk	HB167.16	HB167.20	HB167.22
Mintex		1553	
PFC	7735.*.16	7735.*.20	7735.*.22
Polymatrix	8320	8322	
P Mu		1736	
Raybestos	R735-16	R735-20	R735-22
Thickness	16.00mm	20.00mm	22.00mm
Area	39.47cm ²	39.47cm ²	39.47cm ²
Volume	63.15cm ³	78.90cm ³	86.83cm ³

CALIPER

DISC

HARDWARE

BELL

PAD

MONSTER ENERGY CUP - APPLICATION FLOW CHARTS
SUPER SPEEDWAY - FRONT

CP5837

Body 4 Piston
 RadiCal Monobloc
 Mtg Ctrs 180mm
 Offset 42mm
 Bores 1.75" x 36mm
 Finish ENP
 Weight 3.80 Lbs



0.015" Retraction
 RHL CP5837-2SOPN 19.02.090
 LHL CP5837-3SOPN 19.02.091

0.010" Retraction
 RHL CP5837-10SOPN 19.02.092
 LHL CP5837-11SOPN 19.02.093

CP5836

Body 4 Piston
 RadiCal Monobloc
 Mtg Ctrs 180mm
 Offset 42mm
 Bores 1.75" x 1.50"
 Finish Hard Anodised
 Weight 4.38 Lbs



0.015" Retraction
 RHL CP5836-8S0 19.02.084
 LHL CP5836-9S0 19.02.085

0.010" Retraction
 RHL CP5836-4S0 19.02.082
 LHL CP5836-5S0 19.02.083

CP3837-108CG8 19 01 500
 CP3837-109CG8 19 01 501

Casting 36 Vane
 Dimn 12.00" x 1.00"
 Weight 8.40 Lbs

CP4348-108CG8 19 01 504
 CP4348-109CG8 19 01 505

Casting 48 Vane
 Dimn 12.00" x 1.00"
 Weight 11.4 Lbs

CP2494-1341MD 19 04 140

Float 0.008" to 0.006"

19 04 116
 Nut, Bolt, Washer Kit (1 disc)

CP2494-1342MM 19 04 142

Float 0.008" to 0.006"

19 04 116
 Nut, Bolt, Washer Kit (1 disc)

CP2494-2247 19 04 220
 Offset 1.995"

CP2494-2321 19 04 225
 Offset 2.370"

OTHER

Caliper Mounting Bracket
 CP2494-2227 19 04 001

CP5836 Caliper Pad Plate Kit (1 per caliper)
 CP5836-7 19 04 032

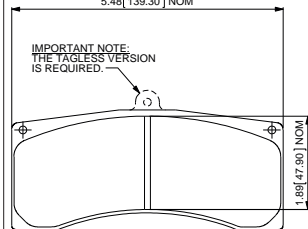
CP5836 Caliper Pad Plate Kit (To convert clip style piston)
 CP5836-12 19 04 031

CP5837 Caliper Pad Plate Kit (1 per caliper)
 CP5837-13 19 04 035

Angled Pad Abutment Kit 1 kit per caliper (CP5837 only)
 Pad mod reqd - Ref Essex -
 CP5837-12 19 04 037

Caliper Seal Kit
 CP5836 - CP4518-JL 08 04 930
 CP5837 - CP4518-HL 08 04 929

CP5788D48



IMPORTANT NOTE: THE TAGLESS VERSION IS REQUIRED.

CP5788D48 PAD
 PAD AREA 63.2cm²
 PAD VOLUME 86.4 cm³
 PAD THICKNESS 20mm

Ferodo	FRP3024
Hawk	HB130
Mintex	MTX2022 F4R
PFC	7770
Polymatrix	
P Mu	1077
Raybestos	

NOTE: Max pad thickness for CP5837 caliper when using retraction plate 17mm

CALIPER

DISC

HARDWARE

BELL

PAD

MONSTER ENERGY CUP - APPLICATION FLOW CHARTS
SUPER SPEEDWAY - REAR

CP5535

Body 4 Piston
 RadiCal Monobloc
 Mtg Ctrs 180mm
 Offset 40mm
 Bores 1.25" x 1.00"
 Finish ENP
 Weight 2.40 Lbs



RHL CP5535-4S0PN 19.02.286
 LHL CP5535-5S0PN 19.02.287

CP5535

Body 4 Piston
 RadiCal Monobloc
 Mtg Ctrs 180mm
 Offset 40mm
 Bores 1.25" x 1.00"
 Finish Hard Anodised
 Weight 2.40 Lbs



RHL CP5535-4S0 19.02.282
 LHL CP5535-5S0 19.02.283

CP4540-138CG8 19 01 200
 CP4540-139CG8 19 01 201

Casting 24 Vane
 Dimm 11.02" x 0.708"
 Weight 4.80 Lbs

CP2494-593MB 19 04 142138
 Low Float Bobbin
 Float 0.008" to 0.006"

19 04 183
 Nut, Bolt, Washer Kit (1 disc)

CP2494-1298 19 04 330 Offset 1.875"
CP2494-1285 19 04 332 Offset 2.120"
CP2494-1340 19 04 340 Offset 2.289"
CP2494-1339 19 04 339 Offset 2.415"
CP2494-2251 19 04 503 Offset 2.474"
CP2494-1284 19 04 333 Offset 2.500"
CP2494-1338 19 04 338 Offset 2.535"
CP2494-2250 19 04 502 Offset 2.598"
CP2494-2249 19 04 501 Offset 2.720"
CP2494-1337 19 04 337 Offset 2.913"
CP2494-2248 19 04 500 Offset 3.098"

OTHER

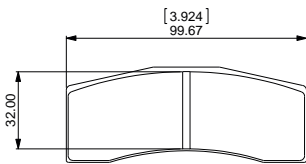
Caliper Mounting Bracket
 CP5535-11 19 04 015

Pad Plate Kit (1 per caliper)
 CP5535-10 19 04 021

Pad Modification Drawing
 P14.230

Caliper Seal Kit
 CP5535 - CP4518-AE 08 04 910

CP5535 Caliper Pad
 CP7031D32



CP7031D32 PAD
 PAD AREA = 31.17cm²
 PAD THICKNESS = 15.75mm
 PAD VOLUME = 49.10cm³

Ferodo FRP3102
 Hawk
 Mintex 2899.16
 PFC 7737
 Polymatrix
 P Mu 1731
 Raybestos

CALIPER

DISC

HARDWARE

BELL

PAD

Xfiniti Series - APPLICATION FLOW CHARTS
SHORT TRACK / ROAD COURSE - FRONT

CP5856
 Body 6 Piston
 RadiCal Monobloc
 Ctrs 210mm
 Offset 43.5mm
 Bores 1.25" x 34mm x 1.625"
 Finish ENP
 Weight 6.15 Lbs



RHL **CP5856-14SOMP**
 19.02.038
 LHL **CP5856-15SOMP**
 19.02.039

1 piece Titanium dome back piston, can accept ceramic cap

CP5845
 Body 6 Piston
 RadiCal Monobloc
 Ctrs 210mm
 Offset 43.5mm
 Bores 1.25" x 34mm x 1.625"
 Finish Hard Anodised
 Weight 6.80 Lbs



RHL **CP5845-4SOMP**
 19.02.034
 LHL **CP5845-5SOMP**
 19.02.035

1 piece Titanium dome back piston, can accept ceramic cap

CP5842
 Body 6 Piston
 Standard Monobloc
 Ctrs 210mm
 Offset 43.5mm
 Bores 1.25" x 34mm x 1.625"
 Finish Hard Anodised
 Weight 6.80 Lbs



RHL **CP5842-4SOMC**
 19.02.022
 LHL **CP5842-5SOMC**
 19.02.023

1 piece Titanium piston, can accept ceramic cap

CP5820
 Body 6 Piston
 Standard Monobloc
 Ctrs 210mm
 Offset 43.5mm
 Bores 1.25" x 34mm x 1.625"
 Finish Hard Anodised
 Weight 7.90 Lbs



RHL **CP5820-4SOM**
 19.02.006
 LHL **CP5820-5SOM**
 19.02.007

1 piece Titanium piston.

CP5850
 Body 4 Piston
 Standard Monobloc
 Ctrs 210mm
 Offset 43.5mm
 Bores 1.75" x 1.50"
 Finish Hard Anodised
 Weight 6.60 Lbs



RHL **CP5850-4SOM**
 19.02.014
 LHL **CP5850-5SOM**
 19.02.015

1 piece Titanium piston.

CP4470-124GA 19 01 102
CP4470-125GA 19 01 103
 Casting 70 Wave Vane
 Dimn 12.91" x 42mm
 Mtgs 10 x 7.250" PCD
 Weight 20.40 Lbs

CP4470-112GA 19 01 100
CP4470-113GA 19 01 101
 Casting 70 Vane
 Dimn 12.91" x 42mm
 Mtgs 10 x 7.250" PCD
 Weight 21.20 Lbs

CP4661-102GA 19 01 106
CP4661-103GA 19 01 107
 Casting 61 Vane
 Dimn 12.91" x 40mm
 Mtgs 10 x 7.250" PCD
 Weight 20.80 Lbs

CP5061-102GA 19 01 122
CP5061-103GA 19 01 123
 Casting 60 Wave Vane
 Dimn 12.91" x 40mm
 Mtgs 10 x 7.250" PCD
 Weight 20.40 Lbs

CP5061-108GA 19 01 116
CP5061-109GA 19 01 117
 Casting 60 Wave Vane
 Dimn 12.91" x 1.496"
 Mtgs 10 x 7.250" PCD
 Weight 19.40 Lbs

CP4670-116GA 19 01 110
CP4670-117GA 19 01 111
 Casting 70 Vane
 Dimn 12.91" x 1.358"
 Mtgs 10 x 7.250" PCD
 Weight 16.50 Lbs

CP5154-120GA 19 01 120
CP5154-121GA 19 01 121
 Casting 54 Vane
 Dimn 12.91" x 1.260"
 Mtgs 10 x 7.250" PCD
 Weight 14.28 Lbs

CP3870-120GA 19 01 978
CP3870-121GA 19 01 979
 Casting 70 Vane
 Dimn 12.91" x 1.40"
 Mtgs 10 x 7.250" PCD
 Weight 19.90 Lb

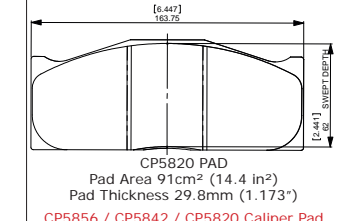
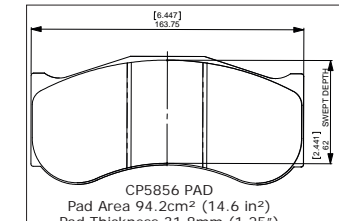
CP4135-108FS
 19 04 147
 Forged Bobbin
 Float 0.014" to 0.018"
CP4135-108FS Kit
 19 04 123
 Kit (1 disc)

CP4135-104FD
 19 04 145
 Forged Bobbin
 Float 0.014" to 0.018"
CP4135-104FD Kit
 19 04 119
 Kit (1 disc)
 Bobbin, Nut,
 Washer x 10

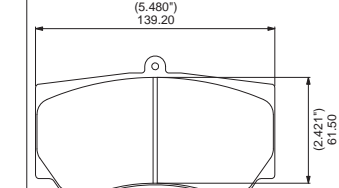
CP4135-108FS
 19 04 147
 Forged Bobbin
 Float 0.014" to 0.018"
CP4135-108FS Kit
 19 04 123
 Kit (1 disc)

OTHER
CP4528-EFK
 19 03 136
 Piston Cap Kit
 Kit contains 6 caps & 6 snap rings.
 To suit CP5856 & CP5845
CP5820-7
 19 02 008
 Mounting Bracket

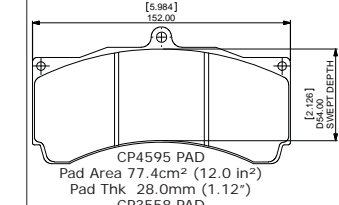
CP2494-1609 19 04 281
 Offset 1.694"
CP2494-2135 19 04 274
 Offset 1.733"
CP2494-1604 19 04 271
 Offset 1.819"
CP2494-2134 19 04 273
 Offset 1.858"
CP2494-1290 19 04 290
 Offset 1.904"
CP2494-1610 19 04 280
 Offset 1.947"
CP2494-1289 19 04 289
 Offset 1.995"
CP2494-1277 19 04 277
 Offset 2.072"
CP2494-2198 19 04 288
 Offset 2.326"
CP2494-2165 19 04 276
 Offset 2.572"



Ferodo FRP3040
 Hawk HB331
 Mintex 2016
 PFC 7775*, *30
 Polymatrix 5869
 P Mu 5821
 Raybestos R600 R602



Ferodo FRP3050
 Hawk HB221
 Mintex 2020
 PFC 7775*, *28
 Polymatrix 9830
 Raybestos R561



CP4595 CP3558
 Ferodo FRP3015 FRP3014
 Hawk HB109 1.12 HB109 .98
 Mintex 1852 2850 1852 2500
 PFC 7790*, *28 7790*, *25
 Polymatrix 8828 8825
 Raybestos R2600 28 R2600-25

CALIPER

DISC

HARDWARE

BELL

PAD

Xfiniti Series - APPLICATION FLOW CHARTS
SHORT TRACK / ROAD COURSE - REAR

CP5848/9

Body 4 Piston
 RadiCal Monobloc

Mtg Ctrs 184.00mm
 Offset 42.00mm

Bores CP5848 1.375 x 1.25"
 CP5849 1.25 x 1.125"

Finish ENP
 Weight 4.56 Lbs



Standard Mount -
 RHL **CP5848-8SOMCN**
 19.02.150
 LHL **CP5848-9SOMCN**
 19.02.151
 RHL **CP5849-8SOMCN**
 19.02.152
 LHL **CP5849-9SOMCN**
 19.02.153

Underslung Mount -
 RHL **CP5848-10SOMCN**
 19.02.156
 LHL **CP5848-11SOMCN**
 19.02.157
 RHL **CP5849-10SOMCN**
 19.02.158
 LHL **CP5849-11SOMCN**
 19.02.159

CP5846/7

Body 4 Piston
 Standard Monobloc

Mtg Ctrs 184.00mm
 Offset 42.00mm

Bores CP5846 1.375 x 1.25"
 CP5847 1.25 x 1.125"

Finish Hard Anodised
 Weight 5.14 Lbs



RHL **CP5846-4SOMC**
 19.02.170
 LHL **CP5846-5SOMC**
 19.02.171

RHL **CP5847-4SOMC**
 19.02.172
 LHL **CP5847-5SOMC**
 19.02.173

CP5880

Body 4 Piston
 Standard Monobloc

Mtg Ctrs 184.00mm
 Offset 42.00mm

Bores 1.25 x 1.125"

Finish Hard Anodised
 Weight 5.20 Lbs



RHL **CP5880-4SOM**
 19.02.168
 LHL **CP5880-5SOM**
 19.02.169

CP5830

Body 4 Piston
 2 Piece Billet

Mtg Ctrs 184.00mm
 Offset 41.00mm

Bores 1.25 x 1.125"

Finish Hard Anodised
 Weight 5.20 Lbs



RHL **CP5830-14SOL**
 19.02.160
 LHL **CP5830-15SOL**
 19.02.161

CP4770-114GE 19 01 092
CP4770-115GE 19 01 093

Casting 70 Wave Vane
 Dimm 12.91" x 1.385"
 Mtgs 12 x 8.250" PCD
 Weight 14.00 Lbs

CP4661-110GA 19 01 106
CP4661-111GA 19 01 107

Casting 61 Vane
 Dimm 12.91" x 1.250"
 Mtgs 12 x 8.250" PCD
 Weight 11.58 Lbs

CP5061-110GA 19 01 098
CP5061-111GA 19 01 099

Casting 60 Wave Vane
 Dimm 12.91" x 1.250"
 Mtgs 12 x 8.250" PCD
 Weight 11.58 Lbs

CP3837-110GA 19 01 088
CP3837-111GA 19 01 089

Casting 36 Vane
 Dimm 12.91" x 0.940"
 Mtgs 12 x 8.250" PCD
 Weight 8.00 Lbs

CP4135-102FC
 19 04 144

Forged Bobbin

Float
 0.014" to 0.018"

CP4135-102FC Kit
 19 04 127

Kit (1 disc)
 Bobbin, Nut,
 Washer x 12

CP4135-102FC
 19 04 144

Forged Bobbin

Float
 0.014" to 0.018"

CP4135-102FC Kit
 19 04 127

Kit (1 disc)
 Bobbin, Nut,
 Washer x 12

CP4670-110GE 19 01 090
CP4670-111GE 19 01 091

Casting 70 Vane
 Dimm 12.91" x 1.310"
 Mtgs 12 x 8.347" PCD
 Weight 13.00 Lbs

CP5772-1558CG8 19 01 948
CP5772-1559CG8 19 01 949

Casting 72 Vane
 Dimm 12.91" x 1.250"
 Mtgs 8 x 8.583" PCD
 Weight 12.20 Lbs

CP2494-50MP
 19 04 143

Standard Bobbin
 Float 0.014" to
 0.018"

19 04 184
 Nut, Bolt, Washer
 Kit (1 disc)

CP2494-2162
 19 04 295

Offset 1.904"

CP2494-2334
 19 04 298

Offset 2.088"

CP2494-1666
 19 04 294

Offset 1.941"

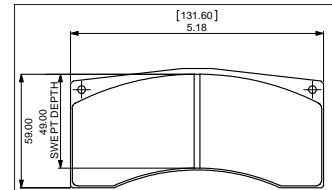
CP2494-1456
 19 04 312

Offset 1.960"

MOUNTING PARTS

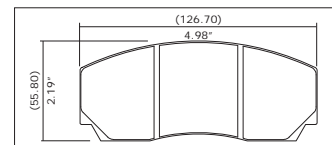
CP5848/9 - CP5846/7
 CP5880
 Mounting Bracket
CP2494-2161U 19 04 102

CP5830
 Mounting Bracket
CP2494-1446U 19 04 088
 Stud Kit
CP5830-9 19 04 091



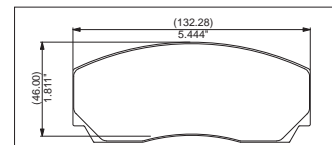
CP6070D49

Ferodo	FRP1078
Hawk	HB105
Mintex	1697
PFC	7700*, *25
Polymatrix	9225
P Mu	1070



CP2279D50

Ferodo	FRP212
Hawk	HB110
Mintex	1292
PFC	7767*, *21
Polymatrix	8521



CP2279D46

Ferodo	FRP 212
Hawk	HB110
Mintex	
PFC	7767*, *21 Scalloped D46
Polymatrix	8521

CALIPER

DISC

HARDWARE

BELL

PAD

CP5896

Body 6 Piston
RadiCal Monobloc
Mtg Ctrs 210mm
Offset 41.5mm
Bores 1.625" x 1.25" x 1.125"
Finish ENP
Weight 5.25 Lbs



RHL CP5896-8SOMN
19.02.056
LHL CP5896-9SOMN
19.02.057

0.010" Retraction
RHL CP5896-14SOMN
19.02.048
LHL CP5896-15SOMN
19.02.049

CP5895

Body 6 Piston
RadiCal Monobloc
Mtg Ctrs 210mm
Offset 41.5mm
Bores 1.625" x 1.25" x 1.125"
Finish Hard Anodised
Weight 5.50 Lb



RHL CP5895-4SOM
19.02.054
LHL CP5895-5SOM
19.02.055

0.010" Retraction
RHL CP5895-8SOM
19.02.046
LHL CP5895-9SOM
19.02.047

CP5890

Body 6 Piston
RadiCal Monobloc
Mtg Ctrs 210mm
Offset 41.5mm
Bores 1.625" x 1.25" x 1.125"
Finish Hard Anodised
Weight 5.50 Lb



RHL CP5890-4SOM
19.02.058
LHL CP5890-5SOM
19.02.059

CP5810

Body 6 Piston
Standard Cast Monobloc
Mtg Ctrs 210mm
Offset 41.5mm
Bores 1.625" x 1.25" x 1.125"
Finish Hard Anodised
Weight 6.32 Lb



Titanium Piston
RHL CP5810-4SOM
19.02.052
LHL CP5810-5SOM
19.02.053

Steel Piston
RHL CP5810-4SOL
19.02.042
LHL CP5810-5SOL
19.02.043

CP5900

Body 6 Piston
Standard Cast Monobloc
Mtg Ctrs 210mm
Offset 43.5mm
Bores 1.125" x 1.25" x 1.625"
Finish Hard Anodised
Weight 6.17 Lbs



RHL CP5900-4SOL
19.02.080
LHL CP5900-5SOL
19.02.081

1 piece Steel piston.

Xfinity Series - APPLICATION FLOW CHARTS
INTERMEDIATE - FRONT

CP3948-128GA 19 01 988
CP3948-129GA 19 01 989
Casting 48 Vane
Dimn 12.00" x 1.299"
Mtg 10 x 7.680" PCD
Weight 9.78 Lbs
Pad Type A

NOTE: Spindle Modification Required

CP3581-1582GA 19 01 982
CP3581-1583GA 19 01 983
Casting 48 Vane
Dimn 12.81" x 1.32"
Mtg 10 x 7.795" PCD
Weight 13.0 Lbs
Pad Type B

CP4770-102GA 19 01 992
CP4770-103GA 19 01 993
Casting 70 Wave Vane
Dimn 12.81" x 1.32"
Mtg 10 x 7.795" PCD
Weight 13.8 Lbs
Pad Type C

CP4770-104GA 19 01 994
CP4770-105GA 19 01 995
Casting 70 Wave Vane
Dimn 12.81" x 1.36"
Mtg 10 x 7.795" PCD
Weight 14.6 Lbs
Pad Type C

CP4770-106GA 19 01 990
CP4770-107GA 19 01 991
Casting 70 Wave Vane
Dimn 12.81" x 1.46"
Mtg 10 x 7.795" PCD
Weight 16.6 Lbs
Pad Type C

CP4770-108GA 19 01 996
CP4770-109GA 19 01 997
Casting 70 Wave Vane
Dimn 12.81" x 1.495"
Mtg 10 x 7.795" PCD
Weight 17.2 Lbs
Pad Type C

CP3908-102GA 19 01 912
CP3908-103GA 19 01 913
Casting 70 Vane
Dimn 12.81" x 1.25"
Mtg 10 x 7.795" PCD
Weight 15.60 Lbs
Pad Type C

CP4135-104FD 19 04 145
Forged Bobbin
Float 0.014" to 0.018"

CP4135-104FD Kit 19 04 119
Kit (1 disc)

CP4135-103FE 19 04 149
Forged Bobbin
Float 0.006" to 0.010"

CP4135-103FE Kit 19 04 124
Kit (1 disc)

CP4135-104FD 19 04 145
Forged Bobbin
Float 0.014" to 0.018"

CP4135-104FD Kit 19 04 119
Kit (1 disc)

CP4135-103FE 19 04 149
Forged Bobbin
Float 0.006" to 0.010"

CP4135-103FE Kit 19 04 124
Kit (1 disc)

CP4135-106FP 19 04 146
Forged Bobbin
Float 0.014" to 0.018"

CP4135-106FP Kit 19 04 117
Kit (1 disc)

CP4135-105FM 19 04 148
Forged Bobbin
Float 0.006" to 0.010"

CP4135-105FM Kit 19 04 122
Kit (1 disc)

CP2494-504MP 19 04 143
Standard Bobbin
Float 0.014" to 0.018"

CP2494-1342MM 19 04 142
Low Float Bobbin
Float 0.008" to 0.006"

19 04 184
Nut, Bolt, Washer Kit (1 disc)

CP5896-18
19 03 570
Angled Pad Abutment Kit
1 kit per caliper (CP5896 only)
Pad mod reqd - Ref Essex -

CP2494-3015 19 04 471
Offset 1.935"

CP2494-3016 19 04 472
Offset 2.055"

CP2494-3014 19 04 470
Offset 2.066"

CP2494-2394 19 04 315
Offset 1.580"

CP2494-2091 19 04 235
Offset 1.650"

CP2494-2089 19 04 324
Offset 1.697"

CP2494-2088 19 04 321
Offset 1.717"

CP2494-2087 19 04 323
Offset 1.766"

CP2494-2086 19 04 322
Offset 1.786"

CP2494-1292 19 04 292
Offset 1.904"

CP2494-2142 19 04 328
Offset 1.924"

CP2494-1902 19 04 317
Offset 1.978"

CP2494-1678 19 04 320
Offset 1.997"

CP2494-1677 19 04 319
Offset 2.046"

CP2494-1676 19 04 318
Offset 2.066"

CP2494-1279 19 04 279
Offset 2.070"

CP2494-1278 19 04 278
Offset 2.141"

CP2494-2141 19 04 327
Offset 2.204"

CP2494-2140 19 04 326
Offset 2.250"

CP2494-2200 19 04 313
Offset 2.315"

CP2494-2420 19 04 314
Offset 2.578"

OTHER

CP5820-7
19 02 008
Mounting Bracket

CP5896-7
19 04 036
Plate Style Pad Retraction Kit
(max 25.4 mm pad)
1 kit per caliper

CP5896-DEK
19 03 206
Piston Cap Kit
Can be used with CP5896-7 plate kit,
or std piston

CP5820-126
19 04 106
Caliper Mtg Stud
Use if moving caliper back to suit 12.81"
disc after modifying spindle

PAD DATA

PAD TYPE A

CP3894D46		
Ferodo		
Hawk		
P Mu		
PFC	7670.*.18	7670.*.25
C Lorraine		
Depth	46mm	46mm
Thickness	18.00mm	25.00mm
Arear	66.60cm ²	66.60cm ²
Volume	119.88cm ³	166.50cm ³
Disc Dia	12.00"	12.00"

NOTE: Pads are available pre-machined to suit angled pad abutments: -
18.00mm thk PFC 7673.01.18.34
25.00mm thk PFC 7673.01.25.34

PAD TYPE B

CP3894D46		
Ferodo	FRP3000	FRP1060
Hawk	HB121.18	HB121.25
P Mu	F1094.18	F1094.25
PFC	7794.*.18	7794.*.25
C Lorraine	5009W46	5009W46
Depth	46mm	46mm
Thickness	18.00mm	25.00mm
Arear	66.60cm ²	66.60cm ²
Volume	119.88cm ³	166.50cm ³
Disc Dia	12.81"	12.81"

PAD TYPE C

CP3558D54		CP4595D54
Ferodo	FRP3014	FRP3015
Hawk	HB109.98	HB109.1.12
Mintex	1850.25	1850.28
PFC	7790.*.*25	7790.*.*29
Polymatrix	8825	8828
Raybestos	R2600-25	R2600-28
Depth	54mm	54mm
Thickness	25.00mm	28.50mm
Arear	77.40cm ²	77.40cm ²
Volume	196.59cm ³	220.59cm ³
Disc Dia	12.81"	12.81"

CALIPER

DISC

HARDWARE

BELL

PAD

OTHER

Xfiniti Series - APPLICATION FLOW CHARTS
INTERMEDIATE - REAR

CP5545

Body 4 Piston
RadiCal Monobloc
Finish ENP
Weight 2.44 Lbs



RHL CP5545-14SOMP 19.02.320
LHL CP5545-15SOMP 19.02.321

Bore 1.250" x 1.125"
Mtg Ctrs 120mm
Offset 49.3mm

NOTE: Other variants of this caliper range are available. Please refer to Essex Parts Services for details

CP54/55/5610

Body 4 Piston
Mtg Ctrs 120mm
Offset 46.0mm
Finish Hard Anodised
Weight 3.8 Lbs



RHL CP5610-4SOL 19.02.214
LHL CP5610-5SOL 19.02.215

Bores 1.375" x 1.25"

RHL CP5510-4SOL 19.02.202
LHL CP5510-5SOL 19.02.203

Bores 1.125" x 1.06"

RHL CP5410-4SOL 19.02.182
LHL CP5410-5SOL 19.02.183

Bores 1.25" x 1.125"
NOTE: Caliper modification reqd to run 12.91" dia disc option

CP5421/CP5420

Body 4 Piston
RadiCal Monobloc
Finish Hard Anodised
Mtg Ctrs 120mm
Offset 49.3mm
Weight 3.93 Lbs



RHL CP5421-4SOL 19.02.310
LHL CP5421-5SOL 19.02.311

Bores 1.125" x 1.067"

RHL CP5420-4SOL 19.02.300
LHL CP5420-5SOL 19.02.301

Bores 1.250" x 1.125"

CP3836-2086CG8 19 01 924
CP3836-2087CG8 19 01 925

Casting 36 Vane
Dimn 12.00" x 1.25" D32
Weight 7.40 Lbs
Bell Type D

CP3836-2082CG8 19 01 920
CP3836-2083CG8 19 01 921

Casting 36 Vane
Dimn 12.91" x 1.25" D32
Weight 7.97 Lbs
Bell Type A

CP6532-106CG8 19 01 786
CP6532-107CG8 19 01 787

Casting 32 Vane
Dimn 12.91" x 1.25" D38
Weight 8.43 Lbs
Bell Type B

CP3930-106CG8 19 01 972
CP3930-107CG8 19 01 973

Casting 30 Vane
Dimn 12.91" x 1.25" D38
Weight 11.40 Lbs
Bell Type B

CP3860-120CG8 19 01 954
CP3860-121CG8 19 01 955

Casting 60 Vane
Dimn 12.19" x 1.25" D43
Weight 11.00 Lbs
Bell Type C

CP2494-593MB 19 04 138
Low Float Bobbin
Float 0.008" to 0.006"

CP2494-1341MD 19 04 140
Low Float Bobbin
Float 0.008" to 0.006"

19 04 183
Nut, Bolt, Washer Kit (1 disc)

CP2494-504MP 19 04 143
Standard Bobbin
Float 0.014" to 0.018"

CP2494-1342MM 19 04 142
Low Float Bobbin
Float 0.008" to 0.006"

19 04 184
Nut, Bolt, Washer Kit (1 disc)

BELL TYPE A
8 x 240.00mm (9.448")

CP2494-3010 19 04 460
Offset 1.326"

CP2494-3011 19 04 461
Offset 1.581"

BELL TYPE B
8 x 230.00mm (9.055")

CP2494-2401 19 04 450
Offset 1.500"

CP2494-2448 19 04
Offset 2.503"

BELL TYPE C
8 x 202.00mm (7.953")

CP2494-2209 19 04 438
Offset 1.721"

CP2494-1908 19 04 430
Offset 1.875"

CP2494-1909 19 04 431
Offset 2.000"

CP2494-1905 19 04 432
Offset 2.120"

CP2494-2335 19 04 440
Offset 1.159"

CP2494-2210 19 04 439
Offset 2.191"

CP2494-2118 19 04 434
Offset 2.303"

CP2494-1904 19 04 433
Offset 2.500"

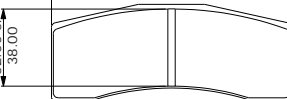
BELL TYPE D
8 x 215.00mm (8.450")

CP2494-3034 19 04
Offset 2.042"

CP2494-3035 19 04 465
Offset 1.471"

Caliper
Mounting Bracket
CP5610-8 19 04 079

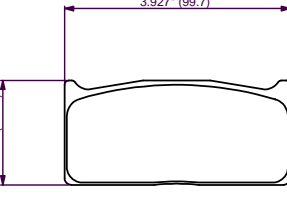
CP5545 Caliper Pad
CP7031D32 or D38
[3.924]
99.67



CP7031D32 or D38

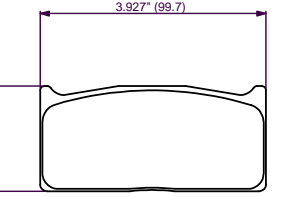
Ferodo	D32	D38
Hawk	FRP3102	
Mintex		
PFC	7688	7687
Polymatrix		
P Mu	1731	
Raybestos		
Area	31.17cm ²	39.47 cm ²
Thickness	15.75mm	15.75mm
Volume	49.10cm ³	62.16cm ³

CP54/55/5610 Caliper Pad
CP5510D38



Refer to Essex Parts Services

CP54/55/5610 Caliper Pad
CP5510D43



	16mm	20mm	22mm
Ferodo	FRP 1079	FRP308	
Hawk	HB167.16	HB167.20	HB167.22
Mintex		1553	
PFC	7735.*.16	7735.*.20	7735.*.22
Polymatrix		8320	8322
P Mu		1736	
Raybestos	R735-16	R735-20	R735-22
Thickness	16.00mm	20.00mm	22.00mm
Area	39.47cm ²	39.47cm ²	39.47cm ²
Volume	63.15cm ³	78.90cm ³	86.83cm ³

CALIPER

DISC

HARDWARE

BELL

PAD

Xfiniti Series - APPLICATION FLOW CHARTS
SUPER SPEEDWAY - FRONT

CP5835

Body 4 Piston
 Standard Two Piece
 Mtg Ctrs 184.00mm
 Offset 41.00mm
 Bores 1.875" x 1.75"
 Finish Hard Anodised
 Weight 5.26 Lbs



RHL CP5835-4S0 19.02.072
 LHL CP5835-5S0 19.02.073

CP3860-126CG8 19 01 262
 CP3860-127CG8 19 01 263

Casting 60 Vane
 Dimn 12.00" x 1.25"
 Mtgs 10 x 7.250" PCD
 Weight 12.00 Lbs

CP2494-1341MD 19 04 140
 Float 0.006" to 0.010"

CP2494-589MJ 19 04 141
 Float 0.014" to 0.018"

19 04 116
 Nut, Bolt, Washer Kit (1 disc)

- CP2494-1609 19 04 281
Offset 1.694"
- CP2494-2135 19 04 274
Offset 1.733"
- CP2494-1604 19 04 271
Offset 1.819"
- CP2494-2134 19 04 273
Offset 1.858"
- CP2494-1290 19 04 290
Offset 1.904"
- CP2494-1610 19 04 280
Offset 1.947"
- CP2494-1289 19 04 289
Offset 1.995"
- CP2494-1277 19 04 277
Offset 2.072"
- CP2494-2198 19 04 288
Offset 2.326"
- CP2494-2165 19 04 276
Offset 2.572"


OTHER

Caliper
 Mounting Bracket
 CP2494-1288 19 04 089

Stud Kit
 CP5830-9 19 04 091

Pad Clip Kit
 One Kit per Caliper
 CP5835-10 19 04 070

Pad Modification Drawing
 CP5830-130/131



CP5830 Pad Shape

Pad Area 57.15cm² (8.859in²)
 Pad Thickness 20.45mm (0.805")
 Volume 91.44cm³ (7.132in³)

CP2279D46
 Ferodo FRP 212
 Hawk HB110
 Mintex
 PFC 7767. *.21 Scalloped D46
 Polymatrix 8521

OTHER

Caliper
 Mounting Bracket
 CP5840-9 19 04 093

Pad Plate Kit (1 per caliper)
 CP5515-10 19 04 011

Pad Modification Drawing
 CP5510-120/

Xfiniti Series - APPLICATION FLOW CHARTS
SUPER SPEEDWAY - REAR (Iss 1)

CP5515

Body 4 Piston
 Standard Two Piece
 Mtg Ctrs 120mm
 Offset 48.36mm
 Bores 1.125" x 1.062"
 Finish Hard Anodised
 Weight 3.93 Lbs



RHL CP5515-4S0 19.02.276
 LHL CP5515-5S0 19.02.217

CP4540-124CG8 19 01 810
 CP4540-125CG8 19 01 811

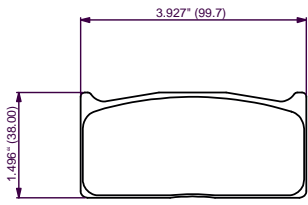
Casting 24 Vane
 Dimn 11.75" x 1.25"
 Mtgs 8 x 7.323" PCD
 Weight 9.00 Lbs

CP2494-504MP 19 04 143
 Standard Bobbin
 Float 0.014" to 0.018"

CP2494-1342MM 19 04 142
 Low Float Bobbin
 Float 0.008" to 0.006"

19 04 184
 Nut, Bolt, Washer Kit (1 disc)

- CP2494-1299 19 04 331
Offset 1.972"
- CP2494-1285 19 04 332
Offset 2.120"
- CP2494-2251 19 04 503
Offset 2.474"
- CP2494-1284 19 04 333
Offset 2.500"
- CP2494-2250 19 04 502
Offset 2.598"
- CP2494-2249 19 04 501
Offset 2.720"
- CP2494-2248 19 04 500
Offset 3.098"



CP5510D43

Ferodo FRP308
 Hawk HB167.20
 Mintex 1553
 PFC 7735. *.20
 Polymatrix 8320
 P Mu 1736
 Raybestos R735-20
 Thickness 20.00mm
 Area 39.47cm²
 Volume 78.90cm³

CALIPER

DISC

HARDWARE

BELL

PAD

Craftsman Truck Series - APPLICATION FLOW CHARTS
SHORT TRACK / ROAD COURSE - FRONT

CP5845

Body 6 Piston
RadiCal Monobloc
Mtg Ctrs 210mm
Offset 43.5mm
Bores 1.25" x 34mm x 1.625"
Finish Hard Anodised
Weight 6.80 Lbs



RHL **CP5845-4SOMP**
19.02.034

LHL **CP5845-5SOMP**
19.02.035

1 piece Titanium dome back piston, can accept ceramic cap

CP5842

Body 6 Piston
Standard Monobloc
Mtg Ctrs 210mm
Offset 43.5mm
Bores 1.25" x 34mm x 1.625"
Finish Hard Anodised
Weight 6.80 Lbs



RHL **CP5842-4SOMC**
19.02.022

LHL **CP5842-5SOMC**
19.02.023

1 piece Titanium piston, can accept ceramic cap

CP5820

Body 6 Piston
Standard Monobloc
Mtg Ctrs 210mm
Offset 43.5mm
Bores 1.25" x 34mm x 1.625"
Finish Hard Anodised
Weight 7.90 Lbs



RHL **CP5820-4SOM**
19.02.006

LHL **CP5820-5SOM**
19.02.007

1 piece Titanium piston.

CP5850

Body 4 Piston
Standard Monobloc
Mtg Ctrs 210mm
Offset 43.5mm
Bores 1.75" x 1.50"
Finish Hard Anodised
Weight 6.60 Lbs



RHL **CP5850-4SOM**
19.02.014

LHL **CP5850-5SOM**
19.02.015

1 piece Titanium piston.

CP4470-124GA 19 01 102
CP4470-125GA 19 01 103
Casting 70 Wave Vane
Dimn 12.91" x 42mm
Mtg 10 x 7.250" PCD
Weight 20.40 Lbs

CP4470-112GA 19 01 100
CP4470-113GA 19 01 101
Casting 70 Vane
Dimn 12.91" x 42mm
Mtg 10 x 7.250" PCD
Weight 21.20 Lbs

CP4661-102GA 19 01 106
CP4661-103GA 19 01 107
Casting 61 Vane
Dimn 12.91" x 40mm
Mtg 10 x 7.250" PCD
Weight 20.80 Lbs

CP5061-102GA 19 01 122
CP5061-103GA 19 01 123
Casting 60 Wave Vane
Dimn 12.91" x 40mm
Mtg 10 x 7.250" PCD
Weight 20.40 Lbs

CP5061-108GA 19 01 116
CP5061-109GA 19 01 117
Casting 60 Wave Vane
Dimn 12.91" x 1.496"
Mtg 10 x 7.250" PCD
Weight 19.40 Lbs

CP4670-116GA 19 01 110
CP4670-117GA 19 01 111
Casting 70 Vane
Dimn 12.91" x 1.358"
Mtg 10 x 7.250" PCD
Weight 16.50 Lbs

CP5154-120GA 19 01 120
CP5154-121GA 19 01 121
Casting 54 Vane
Dimn 12.91" x 1.260"
Mtg 10 x 7.250" PCD
Weight 14.28 Lbs

CP3870-120GA 19 01 978
CP3870-121GA 19 01 979
Casting 70 Vane
Dimn 12.91" x 1.40"
Mtg 10 x 7.250" PCD
Weight 19.90 Lb

CP4135-108FS
19 04 147
Forged Bobbin

Float
0.014" to 0.018"

CP4135-108FS Kit
19 04 123
Kit (1 disc)

CP4135-104FD
19 04 145
Forged Bobbin

Float
0.014" to 0.018"

CP4135-104FD Kit
19 04 119
Kit (1 disc)
Bobbin, Nut,
Washer x 10

CP4135-108FS
19 04 147
Forged Bobbin

Float
0.014" to 0.018"

CP4135-108FS Kit
19 04 123
Kit (1 disc)

OTHER

CP4528-EFK
19 03 136
Piston Cap Kit

Kit contains 6 caps & 6 snap rings.
To suit CP5856 & CP5845

CP5820-7
19 02 008
Mounting Bracket

CP2494-1609 19 04 281
Offset 1.694"

CP2494-2135 19 04 274
Offset 1.733"

CP2494-1604 19 04 271
Offset 1.819"

CP2494-2134 19 04 273
Offset 1.858"

CP2494-1290 19 04 290
Offset 1.904"

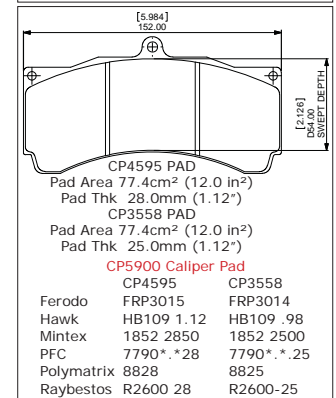
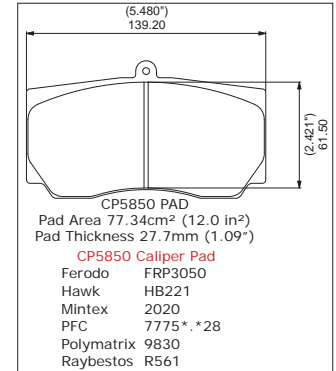
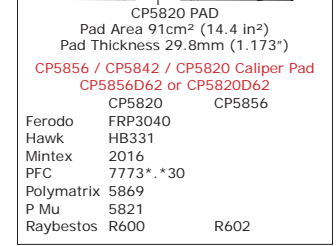
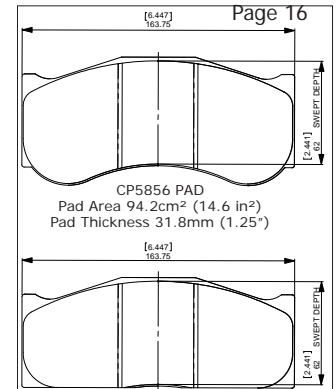
CP2494-1610 19 04 280
Offset 1.947"

CP2494-1289 19 04 289
Offset 1.995"

CP2494-1277 19 04 277
Offset 2.072"

CP2494-2198 19 04 288
Offset 2.326"

CP2494-2165 19 04 276
Offset 2.572"



CALIPER

DISC

HARDWARE

BELL

PAD

Craftsman Truck Series - APPLICATION FLOW CHARTS
SHORT TRACK / ROAD COURSE - REAR

CP5846/7

Body	4 Piston	RHL	CP5846-4SOMC
	Standard Monobloc	LHL	CP5846-5SOMC
Mtg	Ctrs 184.00mm		19.02.170
	Offset 42.00mm		19.02.171
Bores	CP5846 1.375 x 1.25"	RHL	CP5847-4SOMC
	CP5847 1.25 x 1.125"	LHL	CP5847-5SOMC
Finish	Hard Anodised		19.02.172
Weight	5.14 Lbs		19.02.173



CP5880

Body	4 Piston	RHL	CP5880-4SOM
	Standard Monobloc	LHL	CP5880-5SOM
Mtg	Ctrs 184.00mm		19.02.168
	Offset 42.00mm		19.02.169
Bores	1.25 x 1.125"		
Finish	Hard Anodised		
Weight	5.20 Lbs		



CP5830

Body	4 Piston	RHL	CP5830-14SOL
	2 Piece Billet	LHL	CP5830-15SOL
Mtg	Ctrs 184.00mm		19.02.160
	Offset 41.00mm		19.02.161
Bores	1.25 x 1.125"		
Finish	Hard Anodised		
Weight	5.20 Lbs		



CP4770-114GE 19 01 092
 CP4770-115GE 19 01 093
 Casting 70 Wave Vane
 Dimm 12.91" x 1.385"
 Mtgs 12 x 8.250" PCD
 Weight 14.00 Lbs

CP4661-110GA 19 01 106
 CP4661-111GA 19 01 107
 Casting 61 Vane
 Dimm 12.91" x 1.250"
 Mtgs 12 x 8.250" PCD
 Weight 11.58 Lbs

CP5061-110GA 19 01 098
 CP5061-111GA 19 01 099
 Casting 60 Wave Vane
 Dimm 12.91" x 1.250"
 Mtgs 12 x 8.250" PCD
 Weight 11.58 Lbs

CP3837-110GA 19 01 088
 CP3837-111GA 19 01 089
 Casting 36 Vane
 Dimm 12.91" x 0.940"
 Mtgs 12 x 8.250" PCD
 Weight 8.00 Lbs

CP4670-110GE 19 01 090
 CP4670-111GE 19 01 091
 Casting 70 Vane
 Dimm 12.91" x 1.310"
 Mtgs 12 x 8.347" PCD
 Weight 13.00 Lbs

CP5772-1558CG8 19 01 948
 CP5772-1559CG8 19 01 949
 Casting 72 Vane
 Dimm 12.91" x 1.250"
 Mtgs 8 x 8.583" PCD
 Weight 12.20 Lbs

CP4135-102FC 19 04 144
 Forged Bobbin
 Float 0.014" to 0.018"

CP4135-102FC Kit 19 04 127
 Kit (1 disc)
 Bobbin, Nut,
 Washer x 12

CP4135-102FC 19 04 144
 Forged Bobbin
 Float 0.014" to 0.018"

CP4135-102FC Kit 19 04 127
 Kit (1 disc)
 Bobbin, Nut,
 Washer x 12

CP2494-50MP 19 04 143
 Standard Bobbin
 Float 0.014" to 0.018"
 19 04 184
 Nut, Bolt, Washer
 Kit (1 disc)

CP2494-2162 19 04 295
 Offset 1.904"
 CP2494-2334 19 04 298
 Offset 2.088"

CP2494-1666 19 04 294
 Offset 1.941"

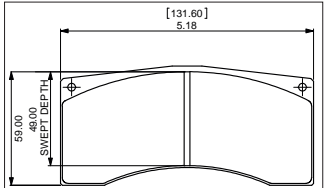
CP2494-1456 19 04 312
 Offset 1.960"

OTHER

MOUNTING PARTS

CP5848/9 - CP5846/7
 CP5880
 Mounting Bracket
 CP2494-2161U 19 04 102

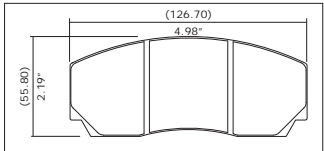
CP5830
 Mounting Bracket
 CP2494-1446U 19 04 088
 Stud Kit
 CP5830-9 19 04 091



CP5846/7
 Pad Area 61.60cm² (9.548in²)
 Pad Thickness 25.0mm (0.984")
 Volume 154cm³ (9.398in³)

CP6070D49

Ferodo	FRP1078
Hawk	HB105
Mintex	1697
PFC	7700*, *25
Polymatrix	9225
P Mu	1070

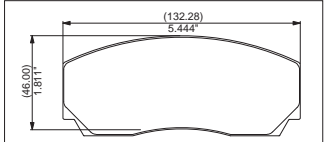


CP5880 Pad Shape

Pad Area 57.35cm² (8.889in²)
 Pad Thickness 20.45mm (0.805")
 Volume 117.30cm³ (7.140in³)

CP2279D50

Ferodo	FRP212
Hawk	HB110
Mintex	1292
PFC	7767*, *21
Polymatrix	8521



CP5830 Pad Shape

Pad Area 57.15cm² (8.859in²)
 Pad Thickness 20.45mm (0.805")
 Volume 91.44cm³ (7.132in³)

CP2279D46

Ferodo	FRP 212
Hawk	HB110
Mintex	
PFC	7767*, *21 Scalloped D46
Polymatrix	8521

CALIPER

DISC

HARDWARE

BELL

PAD

Craftsman Truck Series - APPLICATION FLOW CHARTS
INTERMEDIATE - FRONT

OTHER

CP5895

Body 6 Piston
 RadiCal Monobloc
 Mtg Ctrs 210mm
 Offset 41.5mm

Bores 1.625" x 1.25" x 1.125"
 Finish Hard Anodised
 Weight 5.50 Lb



RHL **CP5895-4SOM**
 19.02.054
 LHL **CP5895-5SOM**
 19.02.055

0.010" Retraction
 RHL **CP5895-8SOM**
 19.02.046
 LHL **CP5895-9SOM**
 19.02.047

CP5890

Body 6 Piston
 RadiCal Monobloc
 Mtg Ctrs 210mm
 Offset 41.5mm

Bores 1.625" x 1.25" x 1.125"
 Finish Hard Anodised
 Weight 5.50 Lb



RHL **CP5890-4SOM**
 19.02.058
 LHL **CP5890-5SOM**
 19.02.059

CP5810

Body 6 Piston
 RadiCal Monobloc
 Ctrs 210mm
 Offset 41.5mm

Bores 1.125" x 1.25" x 1.125"
 Finish Hard Anodised
 Weight 6.32 Lb



Titanium Piston
 RHL **CP5810-4SOM**
 19.02.052
 LHL **CP5810-5SOM**
 19.02.053

Steel Piston
 RHL **CP5810-4SOL**
 19.02.042
 LHL **CP5810-5SOL**
 19.02.043

CP5900

Body 6 Piston
 Standard Cast Monobloc
 Mtg Ctrs 210mm
 Offset 43.5mm

Bores 1.125" x 1.25" x 1.625"
 Finish Hard Anodised
 Weight 6.17 Lbs



RHL **CP5900-4SOL**
 19.02.080
 LHL **CP5900-5SOL**
 19.02.081

1 piece Steel piston.

CP3948-128GA 19 01 988
CP3948-129GA 19 01 989

Casting 48 Vane
 Dimn 12.00" x 1.299"
 Mtgs 10 x 7.680" PCD
 Weight 9.78 Lbs
 Pad Type A

NOTE: Spindle Modification Required

CP3581-1582GA 19 01 982
CP3581-1583GA 19 01 983

Casting 48 Vane
 Dimn 12.81" x 1.32"
 Mtgs 10 x 7.795" PCD
 Weight 13.0 Lbs
 Pad Type B

CP4770-102GA 19 01 992
CP4770-103GA 19 01 993

Casting 70 Wave Vane
 Dimn 12.81" x 1.32"
 Mtgs 10 x 7.795" PCD
 Weight 13.8 Lbs
 Pad Type C

CP4770-104GA 19 01 994
CP4770-105GA 19 01 995

Casting 70 Wave Vane
 Dimn 12.81" x 1.36"
 Mtgs 10 x 7.795" PCD
 Weight 14.6 Lbs
 Pad Type C

CP4770-106GA 19 01 990
CP4770-107GA 19 01 991

Casting 70 Wave Vane
 Dimn 12.81" x 1.46"
 Mtgs 10 x 7.795" PCD
 Weight 16.6 Lbs
 Pad Type C

CP4770-108GA 19 01 996
CP4770-109GA 19 01 997

Casting 70 Wave Vane
 Dimn 12.81" x 1.495"
 Mtgs 10 x 7.795" PCD
 Weight 17.2 Lbs
 Pad Type C

CP3908-102GA 19 01 912
CP3908-103GA 19 01 913

Casting 70 Vane
 Dimn 12.81" x 1.25"
 Mtgs 10 x 7.795" PCD
 Weight 15.60 Lbs
 Pad Type C

CP4135-104FD 19 04 145
 Forged Bobbin
 Float 0.014" to 0.018"

CP4135-104FD Kit 19 04 119
 Kit (1 disc)

CP4135-103FE 19 04 149
 Forged Bobbin
 Float 0.006" to 0.010"

CP4135-103FE Kit 19 04 124
 Kit (1 disc)

CP4135-104FD 19 04 145
 Forged Bobbin
 Float 0.014" to 0.018"

CP4135-104FD Kit 19 04 119
 Kit (1 disc)

CP4135-103FE 19 04 149
 Forged Bobbin
 Float 0.006" to 0.010"

CP4135-103FE Kit 19 04 124
 Kit (1 disc)

CP4135-106FP 19 04 146
 Forged Bobbin
 Float 0.014" to 0.018"

CP4135-106FP Kit 19 04 117
 Kit (1 disc)

CP4135-105FM 19 04 148
 Forged Bobbin
 Float 0.006" to 0.010"

CP4135-105FM Kit 19 04 122
 Kit (1 disc)

CP2494-504MP 19 04 143
 Standard Bobbin
 Float 0.014" to 0.018"

CP2494-1342MM 19 04 142
 Low Float Bobbin
 Float 0.008" to 0.006"

19 04 184
 Nut, Bolt, Washer Kit (1 disc)

CP2494-3015 19 04 471
 Offset 1.935"

CP2494-3016 19 04 472
 Offset 2.055"

CP2494-3014 19 04 470
 Offset 2.066"

CP2494-2394 19 04 315
 Offset 1.580"

CP2494-2091 19 04 235
 Offset 1.650"

CP2494-2089 19 04 324
 Offset 1.697"

CP2494-2088 19 04 321
 Offset 1.717"

CP2494-2087 19 04 323
 Offset 1.766"

CP2494-2086 19 04 322
 Offset 1.786"

CP2494-1292 19 04 292
 Offset 1.904"

CP2494-2142 19 04 328
 Offset 1.924"

CP2494-1902 19 04 317
 Offset 1.978"

CP2494-1678 19 04 320
 Offset 1.997"

CP2494-1677 19 04 319
 Offset 2.046"

CP2494-1676 19 04 318
 Offset 2.066"

CP2494-1279 19 04 279
 Offset 2.070"

CP2494-1278 19 04 278
 Offset 2.141"

CP2494-2141 19 04 327
 Offset 2.204"

CP2494-2140 19 04 326
 Offset 2.250"

CP2494-2200 19 04 313
 Offset 2.315"

CP2494-2420 19 04 314
 Offset 2.578"

CP5820-7
 19 02 008
 Mounting Bracket

CP5820-126
 19 04 106
 Calliper Mtg Stud
 Use if moving calliper back to suit 12.81" disc after modifying spindle

PAD DATA

PAD TYPE A

CP3894D46		
Ferodo		
Hawk		
P Mu		
PFC	7670.*.18	7670.*.25
C Lorraine		
Depth	46mm	46mm
Thickness	18.00mm	25.00mm
Arear	66.60cm ²	66.60cm ²
Volume	119.88cm ³	166.50cm ³
Disc Dia	12.00"	12.00"

NOTE: Pads are available pre-machined to suit angled pad abutments: -
 18.00mm thk PFC 7673.01.18.34
 25.00mm thk PFC 7673.01.25.34

PAD TYPE B

CP3894D46		
Ferodo	FRP3000	FRP1060
Hawk	HB121.18	HB121.25
P Mu	F1094.18	F1094.25
PFC	7794.*.18	7794.*.25
C Lorraine	5009W46	5009W46
Depth	46mm	46mm
Thickness	18.00mm	25.00mm
Arear	66.60cm ²	66.60cm ²
Volume	119.88cm ³	166.50cm ³
Disc Dia	12.81"	12.81"

PAD TYPE C

CP358D54		CP4595D54
Ferodo	FRP3014	FRP3015
Hawk	HB109.98	HB109.1.12
Mintex	1850.25	1850.28
PFC	7790.*.25	7790.*.29
Polymatrix	8825	8828
Raybestos	R2600-25	R2600-28
Depth	54mm	54mm
Thickness	25.00mm	28.50mm
Arear	77.40cm ²	77.40cm ²
Volume	196.59cm ³	220.59cm ³
Disc Dia	12.81"	12.81"

CALIPER

DISC

HARDWARE


BELL

PAD

Craftsman Truck Series - APPLICATION FLOW CHARTS
INTERMEDIATE - REAR

CP54/55/5610

Body 4 Piston
 Mtg Ctrs 120mm
 Offset 46.0mm
 Finish Hard Anodised
 Weight 3.8 Lbs



RHL CP5610-4SOL 19.02.214
 LHL CP5610-5SOL 19.02.215

Bores 1.375" x 1.25"

RHL CP5510-4SOL 19.02.202
 LHL CP5510-5SOL 19.02.203

Bores 1.125" x 1.06"

RHL CP5410-4SOL 19.02.182
 LHL CP5410-5SOL 19.02.183

Bores 1.25" x 1.125"
NOTE: Caliper modification reqd to run 12.91" dia disc option

CP5421/CP5420

Body 4 Piston
 RadiCal Monobloc
 Finish Hard Anodised
 Mtg Ctrs 120mm
 Offset 49.3mm
 Weight 3.93 Lbs



RHL CP5421-4SOL 19.02.310
 LHL CP5421-5SOL 19.02.311

Bores 1.125" x 1.067"

RHL CP5420-4SOL 19.02.300
 LHL CP5420-5SOL 19.02.301

Bores 1.250" x 1.125"

CP3836-2086CG8 19 01 924
 CP3836-2087CG8 19 01 925

Casting 36 Vane
 Dimn 12.00" x 1.25" D32
 Weight 7.40 Lbs
 Bell Type D

CP3836-2082CG8 19 01 920
 CP3836-2083CG8 19 01 921

Casting 36 Vane
 Dimn 12.91" x 1.25" D32
 Weight 7.97 Lbs
 Bell Type A

CP6532-106CG8 19 01 786
 CP6532-107CG8 19 01 787

Casting 32 Vane
 Dimn 12.91" x 1.25" D38
 Weight 8.43 Lbs
 Bell Type B

CP3930-106CG8 19 01 972
 CP3930-107CG8 19 01 973

Casting 30 Vane
 Dimn 12.91" x 1.25" D38
 Weight 11.40 Lbs
 Bell Type B

CP3860-120CG8 19 01 954
 CP3860-121CG8 19 01 955

Casting 60 Vane
 Dimn 12.19" x 1.25" D43
 Weight 11.00 Lbs
 Bell Type C

CP2494-593MB 19 04 138
 Low Float Bobbin
 Float 0.008" to 0.006"

CP2494-1341MD 19 04 140
 Low Float Bobbin
 Float 0.008" to 0.006"

19 04 183
 Nut, Bolt, Washer Kit (1 disc)

CP2494-504MP 19 04 143
 Standard Bobbin
 Float 0.014" to 0.018"

CP2494-1342MM 19 04 142
 Low Float Bobbin
 Float 0.008" to 0.006"

19 04 184
 Nut, Bolt, Washer Kit (1 disc)

BELL TYPE A
 8 x 240.00mm (9.448")

CP2494-3010 19 04 460
 Offset 1.326"

CP2494-3011 19 04 461
 Offset 1.581"

BELL TYPE B
 8 x 230.00mm (9.055")

CP2494-2401 19 04 450
 Offset 1.500"

CP2494-2448 19 04
 Offset 2.503"

BELL TYPE C
 8 x 202.00mm (7.953")

CP2494-2209 19 04 438
 Offset 1.721"

CP2494-1908 19 04 430
 Offset 1.875"

CP2494-1909 19 04 431
 Offset 2.000"

CP2494-1905 19 04 432
 Offset 2.120"

CP2494-2335 19 04 440
 Offset 1.159"

CP2494-2210 19 04 439
 Offset 2.191"

CP2494-2118 19 04 434
 Offset 2.303"

CP2494-1904 19 04 433
 Offset 2.500"

BELL TYPE D
 8 x 215.00mm (8.450")

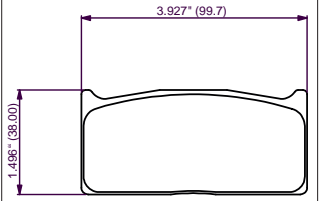
CP2494-3034 19 04
 Offset 2.042"

CP2494-3035 19 04 465
 Offset 1.471"

OTHER

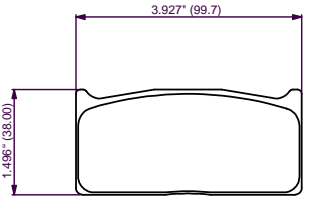
Caliper
 Mounting Bracket
 CP5610-8 19 04 079

CP54/55/5610 Caliper Pad
 CP5510D38



Refer to Essex Parts Services

CP54/55/5610 Caliper Pad
 CP5510D43



	16mm	20mm	22mm
Ferodo	FRP 1079	FRP308	
Hawk	HB167.16	HB167.20	HB167.22
Mintex		1553	
PFC	7735.*.16	7735.*.20	7735.*.22
Polymatrix		8320	8322
P Mu		1736	
Raybestos	R735-16	R735-20	R735-22
Thickness	16.00mm	20.00mm	22.00mm
Arear	39.47cm ²	39.47cm ²	39.47cm ²
Volume	63.15cm ³	78.90cm ³	86.83cm ³

CALIPER

DISC

HARDWARE

BELL

PAD

OTHER

Craftsman Truck Series - APPLICATION FLOW CHARTS
SUPER SPEEDWAY - FRONT

CP5835

Body 4 Piston
Standard Two Piece

Mtg Ctrs 184.00mm
Offset 41.00mm

Bores 1.875" x 1.75"
Finish Hard Anodised
Weight 5.26 Lbs



RHL CP5835-4S0 19.02.072
LHL CP5835-5S0 19.02.073

CP3860-126CG8 19 01 262
CP3860-127CG8 19 01 263

Casting 60 Vane
Dimn 12.00" x 1.25"
Mtgs 10 x 7.250" PCD
Weight 12.00 Lbs

CP2494-1341MD 19 04 140
Float 0.006" to 0.010"

CP2494-589MJ 19 04 141
Float 0.014" to 0.018"

19 04 116
Nut, Bolt, Washer Kit (1 disc)

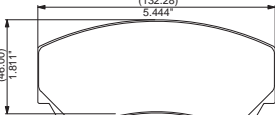
CP2494-1609 19 04 281
Offset 1.694"
CP2494-2135 19 04 274
Offset 1.733"
CP2494-1604 19 04 271
Offset 1.819"
CP2494-2134 19 04 273
Offset 1.858"
CP2494-1290 19 04 290
Offset 1.904"
CP2494-1610 19 04 280
Offset 1.947"
CP2494-1289 19 04 289
Offset 1.995"
CP2494-1277 19 04 277
Offset 2.072"
CP2494-2198 19 04 288
Offset 2.326"
CP2494-2165 19 04 276
Offset 2.572"

Caliper
Mounting Bracket
CP2494-1288 19 04 089

Stud Kit
CP5830-9 19 04 091

Pad Clip Kit
One Kit per Caliper
CP5835-10 19 04 010

Pad Modification Drawing
CP5830-130/131



CP5830 Pad Shape

Pad Area 57.15cm² (8.859in²)
Pad Thickness 20.45mm (0.805")
Volume 91.44cm³ (7.132in³)

CP2279D46

Ferodo FRP 212
Hawk HB110
Mintex
PFC 7767.*.21 Scalloped D46
Polymatrix 8521

Caliper
Mounting Bracket
CP5840-9 19 04 093

Pad Plate Kit (1 per caliper)
CP5515-10 19 04 011

Pad Modification Drawing
CP5510-120/

Craftsman Truck Series - APPLICATION FLOW CHARTS
SUPER SPEEDWAY - REAR

CP5515

Body 4 Piston
Standard Two Piece

Mtg Ctrs 120mm
Offset 48.36mm

Bores 1.125" x 1.062"
Finish Hard Anodised
Weight 3.93 Lbs



RHL CP5515-4S0 19.02.276
LHL CP5515-5S0 19.02.217

CP4540-124CG8 19 01 810
CP4540-125CG8 19 01 811

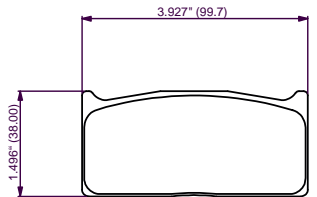
Casting 24 Vane
Dimn 11.75" x 1.25"
Mtgs 8 x 7.323" PCD
Weight 9.00 Lbs

CP2494-504MP 19 04 143
Standard Bobbin
Float 0.014" to 0.018"

CP2494-1342MM 19 04 142
Low Float Bobbin
Float 0.008" to 0.006"

19 04 184
Nut, Bolt, Washer Kit (1 disc)

CP2494-1299 19 04 331
Offset 1.972"
CP2494-1285 19 04 332
Offset 2.120"
CP2494-2251 19 04 503
Offset 2.474"
CP2494-1284 19 04 333
Offset 2.500"
CP2494-2250 19 04 502
Offset 2.598"
CP2494-2249 19 04 501
Offset 2.720"
CP2494-2248 19 04 500
Offset 3.098"



CP5510D43

Ferodo FRP308
Hawk HB167.20
Mintex 1553
PFC 7735.*.20
Polymatrix 8320
P Mu 1736
Raybestos R735-20
Thickness 20.00mm
Area 39.47cm²
Volume 78.90cm³

CALIPER

DISC

HARDWARE



BELL

PAD



CALIPER RANGE OVERVIEW

PART NUMBER		BODY			PISTON Ø		MOUNT		DISC MAX		PAD	Weight
FAMILY	STROKE	DESIGN	TYPE	FINISH			CTRS mm	OFFSET mm	DIA	THK		Lbs
CP5410	-4/5SOL	Radi-CAL™	Mono Block	HA	1.250	1.125	120	48.36	12.19	1.10 / 1.25	CP5510D43	3.80
CP5420	-4/5SOL	Radi-CAL™	Mono Block	HA	1.250	1.125	120	48.37	12.19	1.10 / 1.25	CP5510D43	3.97
CP5421	-4/5SOL	Radi-CAL™	Mono Block	HA	1.120	1.063	120	48.37	12.19	1.10 / 1.25	CP5510D43	3.93
CP5510	-4/5SOL	Standard	Two Piece	HA	1.125	1.063	120	48.36	12.19	1.10 / 1.25	CP5510D43	3.80
CP5515	-4/5SOL	Standard	Two Piece	HA	1.125	1.063	120	48.36	11.75	1.25	CP5510D43	3.93
CP5515	-8/9SOL	Standard	Two Piece	HA	1.125	1.063	120	43.41	11.75	0.810	CP5510D43	3.90
CP5535	-4/5SOL	Radi-CAL™	Mono Block	HA	1.250	1.000	120	40.00	11.02	0.708	CP7031D32	2.40
CP5535	-4/5SOPN	Radi-CAL™	Mono Block	ENP	1.250	1.000	120	40.00	11.02	0.708	CP7031D32	2.58
CP5535	-1014/5SOMP	Radi-CAL™	Mono Block	ENP	1.250	1.125	120	49.30	12.91	1.10 / 1.25	CP7031D32	2.44
CP5545	-1034/5SOMP	Radi-CAL™	Mono Block	ENP	1.375	1.250	120	46.00	12.91	1.00	CP7031D32	2.44
CP5545	-1054/5SOMP	Radi-CAL™	Mono Block	ENP	1.062	1.125	120	46.00	12.91	1.10 / 1.25	CP7031D32	2.44
CP5545	-1024/5SOMP	Radi-CAL™	Mono Block	ENP	1.375	1.250	120	49.30	12.91	1.00	CP7031D32	2.44
CP5545	-1004/5SOMP	Radi-CAL™	Mono Block	ENP	1.250	1.125	120	49.30	12.91	1.00	CP7031D32	2.44
CP5545	-1044/5SOMP	Radi-CAL™	Mono Block	ENP	1.062	1.125	120	46.00	12.91	1.00	CP7031D32	2.44
CP5545	-4/5SOMP	Radi-CAL™	Mono Block	ENP	1.250	1.125	120	46.00	12.91	1.00	CP7031D32	2.44
CP5545	-24/25SOMP	Radi-CAL™	Mono Block	ENP	1.375	1.250	120	46.00	12.91	1.00	CP7031D32	2.44
CP5545	-44/45SOMP	Radi-CAL™	Mono Block	ENP	1.062	1.125	120	46.00	12.91	1.00	CP7031D32	2.44
CP5545	-14/15SOMP	Radi-CAL™	Mono Block	ENP	1.250	1.125	120	49.30	12.91	1.10 / 1.25	CP7031D32	2.44
CP5545	-34/35SOMP	Radi-CAL™	Mono Block	ENP	1.375	1.250	120	49.30	12.91	1.10 / 1.25	CP7031D32	2.44
CP5545	-54/55SOMP	Radi-CAL™	Mono Block	ENP	1.062	1.125	120	49.30	12.91	1.10 / 1.25	CP7031D32	2.44
CP5610	-4/5SOL	Standard	Two Piece	HA	1.375	1.250	120	48.36	12.19	1.10 / 1.25	CP5510D43	3.70
CP5810	-4/5SOM	Standard	Mono Block	HA	1.625	1.250	210	40.00	12.81	1.25 / 1.40	CP3558D54	6.13
CP5820	-4/5SOM	Standard	Mono Block	HA	1.625	1.338	210	40.00	12.91	1.40	CP5820D62	7.90
CP5830	-14/15SOL	Standard	Two Piece	HA	1.250	1.125	184	41.00	12.91	1.25	CP2279D46	5.20
CP5835	-4/5SO	Standard	Two Piece	HA	1.875	1.750	184	41.00	12.00	1.25	CP2279D50	5.26
CP5836	-4/5SO	Standard	Mono Block	HA	1.750	1.500	180	42.00	12.00	1.00	CP5788D48	4.41
CP5836	-8/9SO	Standard	Mono Block	HA	1.750	1.500	180	42.00	12.00	1.00	CP5788D48	4.55
CP5837	-2/3SOPN	Radi-CAL™	Mono Block	ENP	1.750	1.417	180	42.00	12.00	1.00	CP5788D48	3.80
CP5837	-10/11SOPN	Radi-CAL™	Mono Block	ENP	1.750	1.417	180	42.00	12.00	1.00	CP5788D48	3.80
CP5842	-4/5SOMC	Standard	Mono Block	HA	1.625	1.338	210	43.50	12.91	42mm	CP5820D62	7.50
CP5845	-4/5SOMP	Radi-CAL™	Mono Block	HA	1.625	1.338	210	43.50	12.91	42mm	CP5820D62	6.80
CP5846	-4/5SOMC	Standard	Mono Block	HA	1.375	1.250	184	42.00	12.91	1.385	CP6070D49	5.19
CP5847	-4/5SOMC	Standard	Mono Block	HA	1.250	1.125	184	42.00	12.91	1.385	CP6070D49	5.00
CP5848	-8/9SOMCN	Radi-CAL™	Mono Block	ENP	1.375	1.250	184	42.00	12.91	1.385	CP6070D49	4.59
CP5848	-10/11SOMCN	Radi-CAL™	Mono Block	ENP	1.375	1.250	184	42.00	12.91	1.385	CP6070D49	4.67
CP5849	-8/9SOMCN	Radi-CAL™	Mono Block	ENP	1.250	1.125	184	42.00	12.91	1.385	CP6070D49	5.00
CP5849	-10/11SOMCN	Radi-CAL™	Mono Block	ENP	1.250	1.125	184	42.00	12.91	1.385	CP6070D49	5.00
CP5850	-4/5SOM	Standard	Mono Block	HA	1.750	1.500	210	40.00	12.91	1.40	CP5850D62	6.60
CP5856	-14/15SOMP	Radi-CAL™	Mono Block	ENP	1.625	1.338	210	43.50	12.91	42mm	CP5856D62	6.15
CP5856	-18/19SOMP	Radi-CAL™	Mono Block	ENP	1.625	1.338	210	43.50	12.91	42mm	CP5856D62	6.15
CP5880	-4/5SOM	Standard	Mono Block	HA	1.250	1.125	184	42.00	12.91	1.31	CP2279D50	5.20
CP5890	-4/5SOM	Standard	Mono Block	HA	1.625	1.250	210	41.50	12.81	1.043 / 1.495	CP3558D54	5.50
CP5895	-4/5SOM	Radi-CAL™	Mono Block	HA	1.625	1.250	210	41.50	12.81	1.043 / 1.495	CP3558D54	5.42
CP5895	-8/9SOM	Radi-CAL™	Mono Block	HA	1.625	1.250	210	41.50	12.81	1.043 / 1.495	CP3558D54	5.42
CP5896	-8/9SOMN	Radi-CAL™	Mono Block	ENP	1.625	1.250	210	41.50	12.81	1.043 / 1.495	CP3558D54	5.18
CP5896	-14/15SOMN	Radi-CAL™	Mono Block	ENP	1.625	1.250	210	41.50	12.81	1.043 / 1.495	CP3558D54	5.18
CP5896	-16/47SOMN	Radi-CAL™	Mono Block	ENP	1.625	1.250	210	41.50	12.81	1.043 / 1.495	CP3558D54	5.18
CP5900	-4/5SOL	Standard	Mono Block	HA	1.625	1.250	210	40.00	12.81	1.25 / 1.40	CP3558D54	6.20



SHORT TRACK - ROAD COURSE

CP5856	Feature	CP5845
	Radi-CAL™ Design Technology	Radi-CAL™ Design Technology
One piece aluminium alloy billet	Body Design	One piece aluminium alloy billet
Electroless Nickle Plate	Body Type	Hard Anodised
Standard	Body Finish	Standard
210mm x 43.5mm	Retraction	Standard
1.625" x 34mm x 1.25"	Mount - Ctrs x Offset	210mm x 43.5mm
One piece ventilated Titanium	Piston Configuration	1.625" x 34mm x 1.25"
Optional Ceramic Coated	Piston Type	One piece ventilated Titanium
High temperature	Piston Cap	Optional Ceramic Coated
Internally ported	Seal	High temperature
3/8" 24 UNF	Fluid Transfer	Internally ported
Integral machined in	Hydraulic Threads	3/8" 24 UNF
Stainless Steel	Bleed Screw Protection	Integral machined in
No. 6-32UNC Steel Insert	Wear Plate / Pad Abutments	Stainless Steel
6.15 Lbs	Cooling Duct Location Holes	No. 8-32UNC
	Weight	6.80 Lbs
		

SHORT TRACK - ROAD COURSE FRONT

CP5842	Feature	CP5820
	Standard	Standard
One piece aluminium alloy billet	Body Design	One piece aluminium alloy billet
Hard Anodised	Body Type	Hard Anodised
Standard	Body Finish	Standard
210mm x 43.5mm	Retraction	Standard
1.625" x 34mm x 1.25"	Mount - Ctrs x Offset	210mm x 43.5mm
One piece ventilated Titanium	Piston Configuration	1.625" x 34mm x 1.25"
NA	Piston Type	One piece ventilated Titanium
High temperature	Piston Cap	NA
External fluid pipe	Seal	High temperature
3/8" 24 UNF	Fluid Transfer	External fluid pipe
Integral machined in	Hydraulic Threads	3/8" 24 UNF
Stainless Steel	Bleed Screw Protection	Integral machined in
No. 8-32UNC	Wear Plate / Pad Abutments	Stainless Steel
6.80 Lbs	Cooling Duct Location Holes	No. 8-32UNC
	Weight	7.90 Lbs
		


SHORT TRACK - ROAD COURSE FRONT

CP5900	Feature	CP5850
	Standard	Standard
One piece aluminium alloy billet	Body Design	One piece aluminium alloy billet
Hard Anodised	Body Type	Hard Anodised
Standard	Body Finish	Standard
210mm x 43.5mm	Retraction	Standard
1.625" x 1.25" x 1.125"	Mount - Ctrs x Offset	210mm x 43.5mm
One piece ventilated Titanium	Piston Configuration	1.75" x 1.50"
High temperature	Piston Type	One piece ventilated Titanium
External fluid pipe	Seal	High temperature
3/8" 24 UNF	Fluid Transfer	External fluid pipe
Integral machined in	Hydraulic Threads	3/8" 24 UNF
Stainless Steel	Bleed Screw Protection	Integral machined in
No. 8-32UNC	Wear Plate / Pad Abutments	Stainless Steel
6.17 Lbs	Cooling Duct Location Holes	No. 8-32UNC
	Weight	6.60 Lbs
		


FRONT CALIPER RANGE OVERVIEW




INTERMEDIATE

CP5896	Feature	CP5895
	Radi-CAL™ Design Technology	Radi-CAL™ Design Technology
	One piece aluminium alloy billet	One piece aluminium alloy billet
	Electroless Nickel Plate	Hard Anodised
	Standard or 0.010"	Standard or 0.010"
	210mm x 41.5mm	210mm x 41.5mm
	1.625" x 1.25" x 1.125"	1.625" x 1.25" x 1.125"
	One piece ventilated Titanium	One piece ventilated Titanium
	NA	NA
	High temperature	High temperature
	Internally ported	Internally ported
	3/8" 24 UNF	3/8" 24 UNF
	Integral machined in	Integral machined in
	Stainless Steel	Stainless Steel
	No. 6-32UNC Steel Insert	No. 8-32UNC
5.25 Lbs	5.50 Lbs	


INTERMEDIATE

CP5810	Feature	CP5890
	Standard	Standard
	One piece aluminium alloy billet	One piece aluminium alloy billet
	Hard Anodised	Hard Anodised
	Standard	Standard
	210mm x 41.5mm	210mm x 41.5mm
	1.625" x 1.25" x 1.125"	1.625" x 1.25" x 1.125"
	One piece ventilated Titanium or Stainless	One piece ventilated Titanium
	High temperature	High temperature
	External fluid pipe	External fluid pipe
	3/8" 24 UNF	3/8" 24 UNF
	Integral machined in	Integral machined in
	Stainless Steel	Stainless Steel
	No. 8-32UNC	No. 8-32UNC
	6.23 Lbs	5.50 Lbs

SUPER SPEEDWAY



CP5837	Feature	CP5836
	Radi-CAL™ Design Technology	Radi-CAL™ Design Technology
	One piece aluminium alloy billet	One piece aluminium alloy billet
	Electroless Nickel Plate	Hard Anodised
	0.015" or 0.010"	0.015" or 0.010"
	180mm x 42.0mm	180mm x 42.0mm
	1.75" x 36MM	1.750" x 1.500"
	Aluminium Alloy	Aluminium Alloy
	NA	NA
	High temperature	High temperature
	Internally ported	Internally ported
	3/8" 24 UNF	3/8" 24 UNF
	Integral machined in	Integral machined in
	Stainless Steel	Stainless Steel
	No. 6-32UNC Steel Insert	No. 8-32UNC
3.80 Lbs	4.38 Lbs	

SUPER SPEEDWAY



CP5835	Feature
	Standard
	Two piece aluminium alloy billet
	Hard Anodised
	Standard
	184mm x 41.0mm
	1.875" x 1.750"
	One piece ventilated Aluminium
	High temperature
	External fluid pipe
	3/8" 24 UNF
	Integral machined in
	Stainless Steel
	No. 8-32UNC
	5.26 Lbs

REAR CALIPER RANGE OVERVIEW



SHORT TRACK - ROAD COURSE

CP5848 - CP5849		Feature	CP5846 - CP5847
	Radi-CAL™ Design Technology	Body Design	Standard
	One piece aluminium alloy billet	Body Type	One piece aluminium alloy billet
	Electroless Nickle Plate	Body Finish	Hard Anodised
	Standard	Retraction	Standard
	184mm x 42.0mm	Mount - Ctrs x Offset	184mm x 42.0mm
	1.375" x 1.25" or 1.25" x 1.125"	Piston Configuration	1.375" x 1.25" or 1.25" x 1.125"
	One piece ventilated Titanium	Piston Type	One piece ventilated Titanium
	Standard Ceramic Coated	Piston Cap	Standard Ceramic Coated
	High temperature	Seal	High temperature
	Internally ported	Fluid Transfer	Internally ported
	3/8" 24 UNF	Hydraulic Threads	3/8" 24 UNF
	Integral machined in	Bleed Screw Protection	Integral machined in
	Stainless Steel	Wear Plate / Pad Abutments	Stainless Steel
	No. 6-32UNC Steel Insert	Cooling Duct Location Holes	No. 8-32UNC
4.56 Lbs	Weight	5.14 Lbs	
			

SHORT TRACK - ROAD COURSE


CP5880		Feature	CP5830
	Standard	Body Design	Standard
	One piece aluminium alloy billet	Body Type	Two piece aluminium alloy billet
	Hard Anodised	Body Finish	Hard Anodised
	Standard	Retraction	Standard
	184mm x 42.0mm	Mount - Ctrs x Offset	184mm x 41.0mm
	1.25" x 1.125"	Piston Configuration	1.125" X 1.125"
	One piece ventilated Titanium	Piston Type	One piece ventilated Stainless
	NA	Piston Cap	NA
	High temperature	Seal	High temperature
	External fluid pipe	Fluid Transfer	External fluid pipe
	3/8" 24 UNF	Hydraulic Threads	3/8" 24 UNF
	Integral machined in	Bleed Screw Protection	Integral machined in
	Stainless Steel	Wear Plate / Pad Abutments	Stainless Steel
	No. 8-32UNC	Cooling Duct Location Holes	No. 8-32UNC
5.20 Lbs	Weight	5.20 Lbs	
			

INTERMEDIATE


CP5545		Feature	CP5610 - CP5510 - CP5410
	Radi-CAL™ Design Technology	Body Design	Standard
	One piece aluminium alloy billet	Body Type	Two piece aluminium alloy
	Electroless Nickle Plate	Body Finish	Hard Anodised
	0.010"	Retraction	Standard
	1.00" disc cal 120 x 46.0mm	Mount - Ctrs x Offset	120mm x 46.0mm
	1.25" disc cal 120 x 49.3mm		
	1.375" x 1.25" 1.250" x 1.125" 1.125" x 1.062"	Piston Configuration	1.375" x 1.25" 1.250" x 1.125" 1.125" x 1.062"
	One piece ventilated Titanium	Piston Type	One piece ventilated Stainless
	High temperature	Seal	High temperature
	Internally ported	Fluid Transfer	External Pipe
	3/8" 24 UNF	Hydraulic Threads	3/8" 24 UNF
	Integral machined in	Bleed Screw Protection	Integral machined in
	Stainless Steel	Wear Plate / Pad Abutments	Stainless Steel
	No. 6-32UNC Steel Insert	Duct/Guard Location Holes	No. 8-32UNC
2.44 Lbs	Weight	3.8 Lbs	
			

REAR CALIPER RANGE OVERVIEW



SUPER SPEEDWAY (Monster Energy Series Only)			
CP5535	Feature		CP5535
	Radi-CAL™ Design Technology	Body Design	Radi-CAL™ Design Technology
	One piece aluminium alloy billet	Body Type	One piece aluminium alloy billet
	Electroless Nickel Plate	Body Finish	Hard Anodised
	Standard	Retraction	Standard
	180mm x 40.0mm	Mount - Ctrs x Offset	180mm x 40.0mm
	1.25" x 1.00"	Piston Configuration	1.25" x 1.00"
	One piece ventilated Aluminium	Piston Type	One piece ventilated Aluminium
	High temperature	Seal	High temperature
	Internally ported	Fluid Transfer	Internally ported
	3/8" 24 UNF	Hydraulic Threads	3/8" 24 UNF
	Integral machined in	Bleed Screw Protection	Integral machined in
	Stainless Steel	Wear Plate / Pad Abutments	Stainless Steel
	No. 6-32UNC Steel Insert	Duct/Guard Location Holes	No. 8-32UNC
2.40 Lbs	Weight	2.40 Lbs	

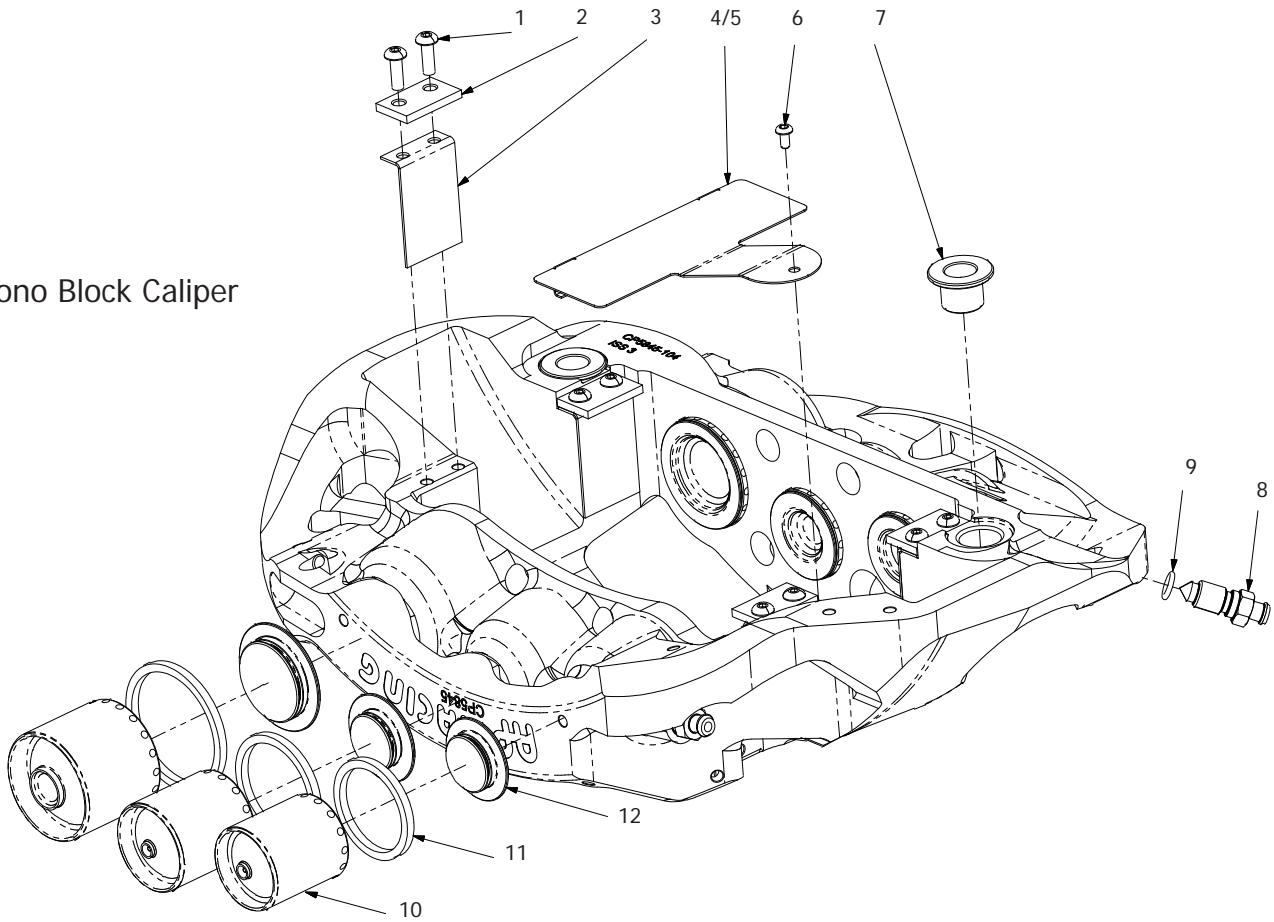


INTERMEDIATE	Feature		SUPER SPEEDWAY
CP5421 - CP5420			CP5515
	Radi-CAL™ Design Technology	Body Design	Standard
	One piece aluminium alloy billet	Body Type	Two piece aluminium alloy
	Hard Anodised	Body Finish	Hard Anodised
	Standard	Retraction	Standard
	1.25" disc cal 120 x 49.3mm	Mount - Ctrs x Offset	120mm x 48.36mm
	1.250" x 1.125" 1.125" x 1.0625"	Piston Configuration	1.125" x 1.062"
	One piece ventilated Stainless	Piston Type	One piece Aluminium Alloy
	High temperature	Seal	High temperature
	Internally ported	Fluid Transfer	External Pipe
	3/8" 24 UNF	Hydraulic Threads	3/8" 24 UNF
	Integral machined in	Bleed Screw Protection	Integral machined in
	Stainless Steel	Wear Plate / Pad Abutments	Stainless Steel
	No. 8-32UNC	Duct/Guard Location Holes	No. 8-32UNC
3.93 Lbs	Weight	3.8 Lbs	

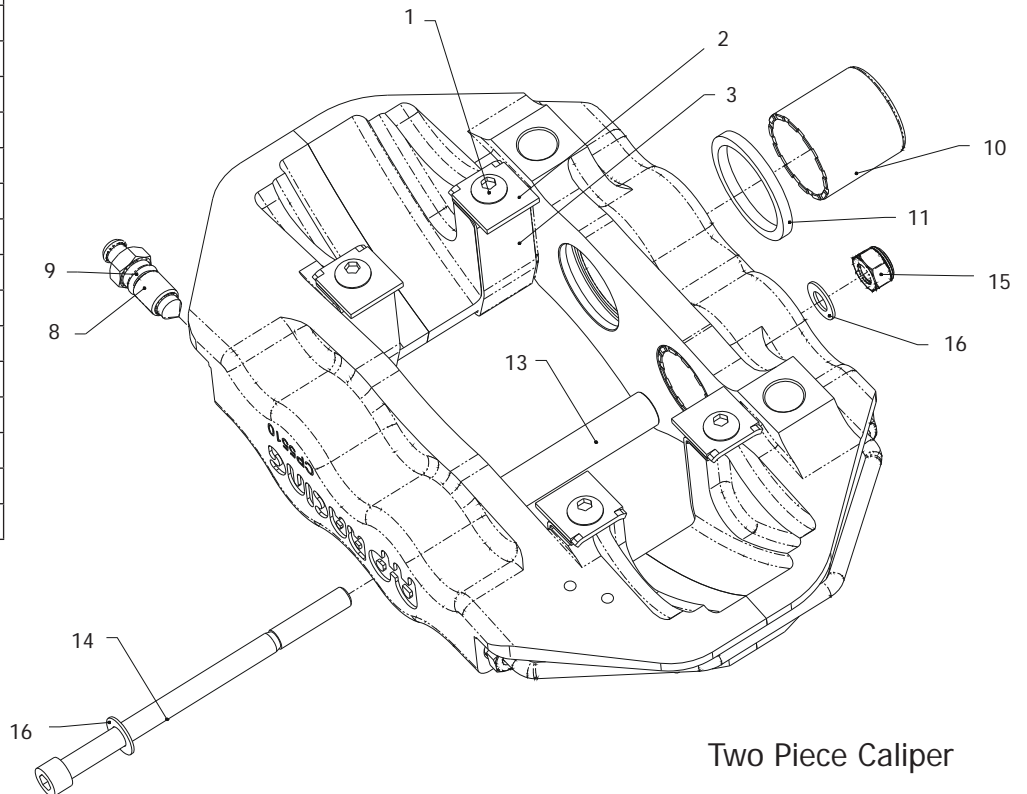


Caliper Replacement Parts Data / Technical Data

Mono Block Caliper



1	Pad Support Screw
2	Pad Support Plate
3	Pad Abutment Wear Plate
4	Ctr Beam Wear Plate RH
5	Ctr Beam Wear Plate LH
6	Ctr Beam Wear Plate Screw
7	Mounting Bush
8	Bleed Screw
9	Bleed Screw O Ring
10	Piston
11	Piston Seal
12	Piston Ceramic Cap
13	Pad Retainer
14	Pad Retainer Bolt
15	Pad Retainer Nut
16	Pad Retainer Washer



Two Piece Caliper

Caliper Replacement Parts Data / Technical Data

CP5420 - CP5421 - CP5515



Listed Numerically

Caliper Family Number	CP5420		CP5421	
RHL	CP5420-4SOL		CP5421-4SOL	
LHL	CP5420-5SOL		CP5421-5SOL	
Bore	1	2	1	2
Diameter	1.25"	1.125"	1.125"	1.06"
Piston	CP5828-109	CP6261-107	CP6261-107	CP6260-107
<i>Essex Ref</i>	19 03 220	19 03 221	19 03 221	19 03 222
Seal	CP4900-168	CP4900-169	CP4900-169	CP4900-170
<i>Essex Ref</i>	08 04 691	08 04 690	08 04 690	08 04 699
4Lb Anti Knock Back Spring	CP2632-113	CP2632-113	CP2632-113	CP2632-113
<i>Essex Ref</i>	08 04 013	08 04 013	08 04 013	08 04 013
Part	AP Ref	<i>Essex Ref</i>	AP Ref	<i>Essex Ref</i>
Pad Support Screw	CP3160-106st	19 04 156	CP3160-106st	19 04 156
Pad Support Plate	CP4520-107	19 04 120	CP4520-107	19 04 120
Pad Abutment Wear Plate	CP5880-107	19 04 200	CP5880-107	19 04 200
Ctr Beam Wear Plate	CP5420-106	19 03 225	CP5420-106	19 03 225
Bleed Screw	CP5820-115	19 03 104	CP5820-115	19 03 104
Bleed Screw O Ring	CP2494-177	19 04 118	CP2494-177	19 04 118
Bleed Screw Cap	CP4518-DEK	08 04 924	CP4518-DEK	08 04 924
Caliper Seal Kit	CP4518-DE	08 04 915	CP4518-CD	08 04 913



Technical Data	
Mount Ctr	120mm
Offset	48.37mm
Body Design	Radi-CAL™
Body Finish	Hard Anodised
Piston Matl	Stainless Steel
Disc Dia	12.19"
Disc Thk	1.25" max
Weight	3.93 Lbs
Hydraulic Thread	3/8" x 24 UNF

Caliper Family Number	CP5515		
1.25" Wide Disc RHL	CP5515-4SOL	19 02 276	
LHL	CP5515-5SOL	19 02 277	
0.81" Wide Disc RHL	CP5515-8SOL	19 02 272	
LHL	CP5515-9SOL	19 02 271	
Bore	1	2	
Diameter	1.125"	1.062"	
Piston	CP5515-111	CP5515-110	
<i>Essex Ref</i>	19 03 098	19 03 099	
Seal	CP4900-169	CP4900-170	
<i>Essex Ref</i>	08 04 690	08 04 699	
Part	AP Ref	<i>Essex Ref</i>	Qty
Pad Support Screw	CP3160-106ST	19 04 156	4
Pad Support Plate	CP4520-107	19 04 120	4
Pad Retainer Bolt (1.25")	CP4751-128	19 03 159	2
(for 0.810" version)	CP4751-127	19 03 161	2
Mtg Bracket	CP5840-9	19 04 093	1
Pad Retainer Nut	CP2494-117	19 04 061	2
Pad Retainer (1.25")	CP4751-104	19 03 160	1
(for 0.810" version)	CP5510-106	19 04 121	1
Bleed Screw	CP5820-115	19 03 104	2
Wear Plate	CP5610-106	19 04 082	4
Bleed Screw Cap	CP2494-177	19 04 118	2
Pad Retainer Washer	CP2494-1305	19 04 059	2
Fluid Bridge Pipe (1.25")	CP5610-6	19 06 081	1
(for 0.810" version)	CP5510-6	19 06 085	1
Bleed screw O ring	CP6297-111	19 03 103	2
Caliper Seal Kit	CP4518-CD	08 04 913	1
Pad Modification Drg	CP5510-120/121		



Technical Data	
Mount Ctr	120mm
Offset for -4 & -5	48.36mm
Offset for -8 & -9	43.41mm
Body Design	Standard
Body Finish	Hard Anodised
Piston Matl	Steel
Disc Dia	12.19" Max
Disc Thk	1.25" Max
Weight	3.93 Lbs
Hydraulic Thread	3/8" x 24 UNF



Caliper Replacement Parts Data / Technical Data

CP5535

Caliper Family Number	CP5535		
RHL	CP5535-4S0PN	19 02 286	
LHL	CP5535-5S0PN	19 02 287	
Bore	1	2	
Diameter	1.25"	1.00"	
Piston	CP5535-106	CP5535-105	
<i>Essex Ref</i>	19 03 286	19 03 285	
Seal	CP4900-168	CP4900-172	
<i>Essex Ref</i>	08 04 691	08 04 698	
Part	AP Ref	<i>Essex Ref</i>	Qty
Pad Support Screw	CP3160-106st	19 04 156	4
Pad Support Plate	CP5555-122	19 03 282	4
Pad Abutment Wear Plate	CP4219-107	19 03 283	4
Ctr Beam Wear Plate	CP7031-106	19 03 284	1
Bleed Screw	CP5820-123	19 03 104	1
Bleed Screw O Ring	CP6297-111	19 03 103	1
Bleed Screw Cap	CP2494-177	19 04 118	1
Caliper Seal Kit	CP4518-AE	08 04 910	1
Pad Retraction Kit	CP5535-10	19 04 021	1



Technical Data	
Mount Ctr	180mm
Offset	40.00mm
Body Design	Radi-CAL™
Body Finish	ENP
Piston Matl	Aluminium
Disc Dia	11.02"
Disc Thk	0.708" Max
Weight	2.40 Lbs
Hydraulic Thread	3/8" x 24 UNF

Caliper Family Number	CP5535		
RHL	CP5535-4S0	19 02 282	
LHL	CP5535-5S0	19 02 283	
Bore	1	2	
Diameter	1.25"	1.00"	
Piston	CP5535-106	CP5535-105	
<i>Essex Ref</i>	19 03 286	19 03 285	
Seal	CP4900-168	CP4900-172	
<i>Essex Ref</i>	08 04 691	08 04 698	
Part	AP Ref	<i>Essex Ref</i>	Qty
Pad Support Screw	CP3160-106st	19 04 156	4
Pad Support Plate	CP5555-122	19 03 282	4
Pad Abutment Wear Plate	CP4219-107	19 03 283	4
Ctr Beam Wear Plate	CP7031-106	19 03 284	1
Bleed Screw	CP5820-123	19 03 104	1
Bleed Screw O Ring	CP6297-111	19 03 103	1
Bleed Screw Cap	CP2494-177	19 04 118	1
Caliper Seal Kit	CP4518-AE	08 04 910	1
Pad Retraction Kit	CP5535-10	19 04 021	1



Technical Data	
Mount Ctr	180mm
Offset	40.00mm
Body Design	Radi-CAL™
Body Finish	Hard Anodised
Piston Matl	Aluminium
Disc Dia	11.02"
Disc Thk	0.708" Max
Weight	2.40 Lbs
Hydraulic Thread	3/8" x 24 UNF

Caliper Replacement Parts Data / Technical Data

CP5545 - CP5610 - CP5510 - CP5410



Caliper Family Number	CP5545			
1.00" Wide Disc RHL	CP5545-4S0MPN			
1.00" Wide Disc LHL	CP5545-5S0MPN			
1.25" Wide Disc RHL			CP5545-14S0MPN	
1.25" Wide Disc LHL			CP5545-15S0MPN	
Bore	1	2	1	2
Diameter	1.25"	1.125"	1.25"	1.125"
Piston	CP5545-112	CP5545-111	CP5545-112	CP5545-111
<i>Essex Ref</i>	19 03 291	19 03 290	19 03 291	19 03 290
Seal	CP4900-168	CP4900-169	CP4900-168	CP4900-169
<i>Essex Ref</i>	08 04 691	08 04 690	08 04 691	08 04 690
4Lb Anti Knock Back Spring	CP2632-113	CP2632-113	CP2632-113	CP2632-113
<i>Essex Ref</i>	08 04 013	08 04 013	08 04 013	08 04 013
Part	AP Ref	<i>Essex Ref</i>	AP Ref	<i>Essex Ref</i>
Pad Support Screw	CP5856-109st	19 03 165	CP5856-109st	19 03 165
Pad Support Plate	CP4567-121	19 03 350	CP4567-121	19 03 350
Pad Abutment Wear Plate	CP5545-106	19 04 104	CP5545-106	19 04 104
Ctr Beam Wear Plate RH	CP5545-108		CP5545-118	19 03 296
Ctr Beam Wear Plate LH	CP5545-109		CP5545-119	19 03 297
Ctr Beam Wear Plate Screw	CP5856-112st		CP5856-112st	
Bleed Screw	CP5820-123	19 03 104	CP5820-123	19 03 104
Bleed Screw O Ring	CP6297-111	19 03 103	CP6297-111	19 03 103
Bleed Screw Cap	CP2494-177	19 04 118	CP2494-177	19 04 118
Caliper Seal Kit	CP4518-DE	08 04 915	CP4518-DE	08 04 915



Technical Data	
Mount Ctr	120mm
Offset	45mm
Body Design	Radi-CAL™
Body Finish	ENP
Piston Matl	Titanium
Disc Dia	12.91"
Disc Thk	1.00" or 1.25"
Weight	2.44 Lbs
Hydraulic Thread	3/8" x 24 UNF

Caliper Family Number	CP5610		CP5510		CP5410	
RHL	CP5610-2SOL	19 02 212	CP5510-2SOL	19 02 200	CP5410-2SOL	19 02 180
LHL	CP5610-3SOL	19 02 213	CP5510-3SOL	19 02 201	CP5410-3SOL	19 02 181
Bore	1	2	1	2	1	2
Diameter	1.375"	1.25"	1.125"	1.06"	1.25"	1.125"
Piston	CP5610-108	CP5410-107	CP5410-106	CP5510-116	CP5410-107	CP5410-106
<i>Essex Ref</i>	19 03 084	19 03 083	19 03 082	19 03 081	19 03 083	19 03 082
Seal	CP4900-166	CP4900-168	CP4900-169	CP4900-170	CP4900-168	CP4900-169
<i>Essex Ref</i>	08 04 703	08 04 691	08 04 690	08 04 699	08 04 691	08 04 690
4Lb Anti Knock Back Spring	CP2632-113	CP2632-113	CP2632-113	CP2632-113	CP2632-113	CP2632-113
<i>Essex Ref</i>	08 04 013	08 04 013	08 04 013	08 04 013	08 04 013	08 04 013
Part	AP Ref	<i>Essex Ref</i>	AP Ref	<i>Essex Ref</i>	AP Ref	<i>Essex Ref</i>
Pad Support Screw	CP3160-106st	19 04 156	CP3160-106st	19 04 156	CP3160-106st	19 04 156
Pad Support Plate	CP4520-107	19 94 120	CP4520-107	19 94 120	CP4520-107	19 94 120
Pad Abutment Wear Plate	CP5610-106	19 04 082	CP5610-106	19 04 082	CP5610-106	19 04 082
Pad Retainer	CP4751-104	19 03 160	CP4751-104	19 03 160	CP4751-104	19 03 160
Pad Retainer Bolt	CP4751-128	19 03 159	CP4751-128	19 03 159	CP4751-128	19 03 159
Pad Retainer Nut	CP2494-117	19 04 061	CP2494-117	19 04 061	CP2494-117	19 04 061
Pad Retainer Washer	CP2494-1305	19 04 059	CP2494-1305	19 04 059	CP2494-1305	19 04 059
Fluid Bridge Pipe	CP5610-6	19 06 081	CP5610-6	19 06 081	CP5610-6	19 06 081
Bleed Screw	CP5820-123	19 03 104	CP5820-123	19 03 104	CP5820-123	19 03 104
Bleed Screw O Ring	CP6297-111	19 03 103	CP6297-111	19 03 103	CP6297-111	19 03 103
Bleed Screw Cap	CP2494-177	19 04 118	CP2494-177	19 04 118	CP2494-177	19 04 118
Caliper Seal Kit	CP4518-EG	08 04 917	CP4518-CD	08 04 913	CP4518-DE	08 04 915



Technical Data	
Mount Ctr	120mm
Offset	45mm
Body Design	Standard
Body Finish	Hard Anodised
Piston Matl	Steel
Disc Dia	12.75" (12.91" Cal Mod)
Disc Thk	1.25" max
Weight	3.93 Lbs
Hydraulic Thread	3/8" x 24 UNF



Caliper Replacement Parts Data / Technical Data

CP5810 - CP5820

Bore	1	2	3
Diameter	1.625"	1.25"	1.125"
Piston Titanium	CP5810-112	CP5810-111	CP5810-110
<i>Essex Ref</i>	<i>19 03 212</i>	<i>19 03 211</i>	<i>19 03 210</i>
Piston Steel	CP5810-115	CP5810-114	CP5810-113
<i>Essex Ref</i>	<i>19 03 112</i>	<i>19 03 111</i>	<i>19 03 110</i>
Seal	CP4900-163	CP4900-168	CP4900-169
<i>Essex Ref</i>	<i>08 04 706</i>	<i>08 04 691</i>	<i>08 04 690</i>
4Lb Anti Knock Back Spring	CP2667-105	CP2632-113	CP2632-113
<i>Essex Ref</i>	<i>08 04 015</i>	<i>08 04 013</i>	<i>08 04 013</i>
Part	AP Ref	<i>Essex Ref</i>	Qty
Pad Support Screw	CP5856-109st	<i>19 03 165</i>	8
Pad Support Plate	CP4595-119	<i>19 04 069</i>	4
Center Beam Wear Plate	CP5810-105	<i>19 04 081</i>	1
Mtg Bracket Assy	CP5820-7	<i>19 02 008</i>	1
Button Head Screw	CP3299-108	<i>19 04 027</i>	1
Crush Washer	KL44517	<i>12 02011</i>	1
Bleed Screw	CP5820-115	<i>19 03 104</i>	2
Drive Head Screw	CP3557-107	<i>19 04 068</i>	4
Wear Plate	CP5810-104	<i>19 04 080</i>	4
Bleed Screw Cap	CP2494-177	<i>19 04 118</i>	2
Bleed Screw 'O' Ring	CP6297-111	<i>19 03 103</i>	2
Fluid Bridge Pipe	CP5810-6	<i>19 06 090</i>	1
Mounting Boss	CP5820-110	<i>19 04 077</i>	2
Caliper Seal Kit	CP4518-DEK	<i>08 04 924</i>	1

Caliper Family Number	CP5810		
Stroke Number (Titanium Piston)	RHL	CP5810-4SOM	<i>19 02 052</i>
	LHL	CP5810-5SOM	<i>19 02 053</i>
Stroke Number (Steel Piston)	RHL	CP5810-4SOL	<i>19 02 042</i>
	LHL	CP5810-5SOL	<i>19 02 043</i>



Technical Data	
Mount Ctr	210 mm
Offset	40 mm
Body Design	Standard Monobloc
Body Finish	Hard Anodised
Piston Matl	Titanium or Steel
Disc Dia	12.81"
Disc Thk	1.40"
Weight	6.13 Lbs
Hydraulic Thread	3/8" x 24 UNF

Bore	1	2	3
Diameter	1.625"	34mm	1.25"
Piston std 1 piece Ti	CP5820-119	CP5820-118	CP5820-117
<i>Essex Ref</i>	<i>19 03 116</i>	<i>19 03 117</i>	<i>19 03 118</i>
Seal	CP4900-163	CP4900-167	CP4900-168
<i>Essex Ref</i>	<i>08 04 706</i>	<i>08 04 700</i>	<i>08 04 691</i>
4Lb Anti Knock Back Spring	CP2667-105	CP2632-113	CP2632-113
<i>Essex Ref</i>	<i>08 04 015</i>	<i>08 04 013</i>	<i>08 04 013</i>
Part	AP Ref	<i>Essex Ref</i>	Qty
Pad Support Screw	CP5856-109st	<i>19 03 165</i>	8
Pad Support Plate	CP4595-119	<i>19 04 069</i>	4
Center Beam Wear Plate	CP5820-112	<i>19 04 076</i>	1
Mtg Bracket Assy	CP5820-7	<i>19 02 008</i>	1
Button Head Screw	CP3299-108	<i>19 04 027</i>	1
Crush Washer	KL44517	<i>12 02011</i>	1
Bleed Screw	CP5820-115	<i>19 03 104</i>	2
Drive Head Screw	CP3557-107	<i>19 04 068</i>	4
Wear Plate	CP5820-111	<i>19 04 075</i>	4
Bleed Screw Cap	CP2494-177	<i>19 04 118</i>	2
Bleed Screw 'O' Ring	CP6297-111	<i>19 03 103</i>	2
Fluid Bridge Pipe	CP5820-6	<i>19 06 400</i>	1
Mounting Boss	CP5820-110	<i>19 04 077</i>	2
Caliper Seal Kit	CP4518-EFK	<i>08 04 926</i>	1
Mounting Bracket Spares (Not Shown)			
Mounting Bracket Assy	CP5820-7	<i>19 02 008</i>	1
Stud	CP5820-113	<i>19 02 018</i>	2
Nut	CP5820-114	<i>10 800406</i>	2
Washer	K19109	<i>10 800606</i>	2

Caliper Family Number	CP5820		
Stroke Number	RHL	CP5820-4SOM	<i>19 02 006</i>
	LHL	CP5820-5SOM	<i>19 02 007</i>



Technical Data	
Mount Ctr	210mm
Offset	40mm
Body Design	Standard Monobloc
Body Finish	Hard Anodised
Piston Matl	Titanium
Disc Dia	12.91"
Disc Thk	1.40"
Weight	7.9 Lbs
Hydraulic Thread	3/8" x 24 UNF
Body Design	Standard Monobloc
Body Finish	Hard Anodised
Piston Matl	Titanium

Caliper Replacement Parts Data / Technical Data

CP5830 - CP5835



Caliper Family Number	CP5830		
RHL	CP5830-14SOL	19 02 160	Standard Retraction
LHL	CP5830-15SOL	19 02 161	Standard Retraction
Bore	1	2	
Diameter	1.25"	1.125"	
Piston	CP5830-123	CP5830-124	
<i>Essex Ref</i>	19 03 115	19 03 114	
Seal	CP4900-168	CP4900-169	
<i>Essex Ref</i>	08 04 691	08 04 690	
Part	AP Ref	<i>Essex Ref</i>	Qty
Pad Support Screw	CP3160-106ST	19 04 156	4
Pad Support Plate	CP4520-107	19 04 120	4
Pad Retainer Bolt	CP4751-128	19 03 159	2
Mtg Bracket	CP2494-1288	19 04 089	1
Pad Retainer Nut	CP2494-117	19 04 061	2
Pad Retainer	CP5830-109	19 03 180	2
Bleed Screw	CP5820-115	19 03 104	2
Drive Head Screw	CP3550-126	19 04 066	4
Wear Plate	CP5830-108	19 03 163	4
Bleed Screw Cap	CP2494-177	19 04 118	2
Pad Retainer Washer	CP2494-1305	19 04 059	4
Fluid Bridge Pipe	CP5830-6	19 06 430	1
Bleed Screw 'O' Ring	CP6297-111	19 03 103	2
Caliper Seal Kit	CP4518-DE	08 04 915	1
Mounting Bracket Spares (Not Shown)			
Mtg Bracket Assy	CP2494-1288	19 04 089	1
Stud Kit	CP5830-9	19 04 091	1



Technical Data	
Mount Ctr	184mm
Offset	41mm
Body Design	Standard Monobloc
Body Finish	Hard Anodised
Piston Matl	Steel
Disc Dia	12.91"
Disc Thk	1.25" Max
Weight	5.20 Lbs
Hydraulic Thread	3/8" x 24 UNF

Caliper Family Number	CP5835		
RHL	CP5835-4S0	09 02 072	Standard Retraction
LHL	CP5835-5S0	19 02 073	Standard Retraction
Bore	1	2	
Diameter	1.875"	1.75"	
Piston	CP5835-107	CP5837-106	
<i>Essex Ref</i>	19 03 101	19 03 100	
Seal	CP4900-161	CP4900-162	
<i>Essex Ref</i>	08 04 715	08 04 710	
Part	AP Ref	<i>Essex Ref</i>	Qty
Pad Support Screw	CP3160-106ST	19 04 156	4
Pad Support Plate	CP4520-107	19 04 120	4
Pad Retainer Bolt	CP4751-128	19 03 159	2
Mtg Bracket	CP2494-1288	19 04 089	1
Pad Retainer Nut	CP2494-117	19 04 061	2
Pad Retainer	CP5830-109	19 03 180	2
Bleed Screw	CP5820-115	19 03 104	2
Drive Head Screw	CP3550-126	19 04 066	4
Wear Plate	CP5830-108	19 03 163	4
Bleed Screw Cap	CP2494-177	19 04 118	2
Pad Retainer Washer	CP2494-1305	19 04 059	4
Fluid Bridge Pipe	CP5830-6	19 06 430	1
Bleed Screw 'O' Ring	CP6297-111	19 03 103	2
Caliper Seal Kit	CP4518-LM	08 04 916	1



Technical Data	
Mount Ctr	184mm
Offset	41mm
Body Design	Standard
Body Finish	Hard Anodised
Piston Matl	Aluminium
Disc Dia	12.00"
Disc Thk	1.25" Max
Weight	5.26 Lbs
Hydraulic Thread	3/8" x 24 UNF



Caliper Replacement Parts Data / Technical Data

CP5836 - CP5837

Caliper Family Number	CP5836		
RHL	CP5836-4S0	19 02 082	0.010" Retraction
LHL	CP5836-5S0	19 02 083	0.010" Retraction
RHL	CP5836-8S0	19 02 084	0.015" Retraction
LHL	CP5836-9S0	19 02 085	0.015" Retraction
Bore	1	2	
Diameter	1.75"	1.50"	
Piston	CP5836-110	CP5836-109	
<i>Essex Ref</i>	19 03 701	19 03 700	
Seal	CP4900-162	CP4900-164	
<i>Essex Ref</i>	08 04 710	08 04 705	
Part	AP Ref	<i>Essex Ref</i>	Qty
Pad Support Screw	CP5856-109st	19 03 165	8
Pad Support Plate	CP3395-163	19 03 536	4
Pad Abutment Wear Plate	CP5780-104	19 03 537	4
Ctr Beam Wear Plate	CP5780-105	19 03 538	1
Bleed Screw	CP5820-123	19 03 104	1
Bleed Screw O Ring	CP6297-111	19 03 103	1
Bleed Screw Cap	CP2494-177	19 04 118	1
Caliper Seal Kit	CP4518-JL	08 04 930	1
Pad Retraction Kit	CP5836-7	19 04 032	1



Technical Data	
Mount Ctr	180mm
Offset	42mm
Body Design	Radi-CAL™
Body Finish	Hard Anodised
Piston Matl	Aluminium
Disc Dia	12.00"
Disc Thk	1.00" Max
Weight	4.38 Lbs
Hydraulic Thread	3/8" x 24 UNF

Caliper Family Number	CP5837		
RHL	CP5837-2S0PN	19 02 090	0.015" Retraction
LHL	CP5837-3S0PN	19 02 091	0.015" Retraction
RHL	CP5837-10S0PN	19 02 092	0.010" Retraction
LHL	CP5837-11S0PN	19 02 093	0.010" Retraction
Bore	1	2	
Diameter	1.75"	36mm	
Piston	CP5837-106	CP5837-105	
<i>Essex Ref</i>	19 03 751	19 03 750	
Seal	CP4900-162	CP4900-165	
<i>Essex Ref</i>	08 04 710	08 04 704	
Part	AP Ref	<i>Essex Ref</i>	Qty
Pad Support Screw	CP5856-109st	19 03 165	8
Pad Support Plate	CP5780-107		4
Pad Abutment Wear Plate	CP5785-113		4
Ctr Beam Wear Plate	CP5837-104		1
Ctr Beam Wear Plate Screw	CP5837-114st		2
Bleed Screw	CP5820-123	19 03 104	1
Bleed Screw O Ring	CP6297-111	19 03 103	1
Bleed Screw Cap	CP2494-177	19 04 118	1
Caliper Seal Kit	CP4518-HL	08 04 929	1
Pad Retraction Kit	CP5837-6	19 04 035	1



Technical Data	
Mount Ctr	180mm
Offset	42mm
Body Design	Radi-CAL™
Body Finish	ENP
Piston Matl	Aluminium
Disc Dia	12.00"
Disc Thk	1.00" Max
Weight	3.80 Lbs
Hydraulic Thread	3/8" x 24 UNF

Caliper Replacement Parts Data / Technical Data

CP5842 - CP5845



Bore	1	2	3
Diameter	1.625"	34mm	1.25"
Piston std 1 piece Ti	CP5842-104	CP5842-105	CP5842-106
<i>Essex Ref</i>	<i>19 03 132</i>	<i>19 03 131</i>	<i>19 03 130</i>
Piston 2 piece Ti assy	CP5842-7	CP5842-8	CP5842-9
<i>Essex Ref</i>	<i>19 03 133</i>	<i>19 03 134</i>	<i>19 03 135</i>
Seal	CP4900-163	CP4900-167	CP4900-168
<i>Essex Ref</i>	<i>08 04 706</i>	<i>08 04 700</i>	<i>08 04 691</i>
4Lb Anti Knock Back Spring	CP2667-105	CP2632-113	CP2632-113
<i>Essex Ref</i>	<i>08 04 015</i>	<i>08 04 013</i>	<i>08 04 013</i>
Part	AP Ref	<i>Essex Ref</i>	Qty
Pad Support Screw	CP5856-109st	<i>19 03 165</i>	8
Pad Support Plate	CP4595-119	<i>19 04 069</i>	4
Center Beam Wear Plate	CP5842-107	<i>19 04 083</i>	1
Mtg Bracket Assy	CP5820-7	<i>19 02 008</i>	1
Button Head Screw	CP3299-108	<i>19 04 027</i>	1
Crush Washer	KL44517	<i>12 02011</i>	1
Bleed Screw	CP5820-115	<i>19 03 104</i>	2
Drive Head Screw	CP3557-107	<i>19 04 068</i>	4
Wear Plate	CP5820-111	<i>19 04 075</i>	4
Bleed Screw Cap	CP2494-177	<i>19 04 118</i>	2
Bleed Screw 'O' Ring	CP6297-111	<i>19 03 103</i>	2
Fluid Bridge Pipe	CP5842-6	<i>19 06 403</i>	1
Mounting Boss	CP5820-110	<i>19 04 077</i>	2
Caliper Seal Kit	CP4518-EFK	<i>08 04 926</i>	1
Ceramic Piston Cap Set	CP4528-EFK	<i>19 03 136</i>	1

Caliper Family Number	CP5842		
Stroke Number	RHL	CP5842-4SOMC	<i>19 02 022</i>
	LHL	CP5842-5SOMC	<i>19 02 023</i>



Technical Data	
Mount Ctr	210mm
Offset	43.5mm
Body Design	Standard Monobloc
Body Finish	Hard Anodised
Piston Matl	Titanium
Disc Dia	12.91"
Disc Thk	1.40"
Weight	7.9 Lbs
Hydraulic Thread	3/8" x 24 UNF

Caliper Family Number	CP5845		
Stroke Number	RHL	CP5845-4SOMP	<i>19 02 034</i>
	LHL	CP5845-5SOMP	<i>19 02 035</i>
Bore	1	2	3
Diameter	1.625"	34mm	1.25"
Piston	CP5845-106	CP5845-107	CP5845-108
<i>Essex Ref</i>	<i>19 03 171</i>	<i>19 03 172</i>	<i>19 03 173</i>
Seal	CP4900-163	CP4900-167	CP490-168
<i>Essex Ref</i>	<i>08 04 706</i>	<i>08 04 700</i>	<i>08 04 691</i>
4Lb Anti Knock Back Spring	CP2667-105	CP2632-113	CP2632-113
<i>Essex Ref</i>	<i>08 04 015</i>	<i>08 04 013</i>	<i>08 04 013</i>
Part	AP Ref	<i>Essex Ref</i>	Qty
Pad Support Screw	CP5856-109st	<i>19 03 165</i>	8
Pad Support Plate	CP4595-119	<i>19 04 069</i>	4
Pad Abutment Wear Plate	CP5845-111	<i>19 03 400</i>	4
Ctr Beam Wear Plate RH	CP5845-122	<i>19 03 402</i>	1
Ctr Beam Wear Plate LH	CP5845-123	<i>19 03 401</i>	1
Ctr Beam Wear Plate Screw	CP5517-159	<i>19 06 362</i>	1
Mounting Bush	CP5845-112	<i>19 03 405</i>	2
Bleed Screw	CP5820-123	<i>19 03 104</i>	2
Bleed Screw O Ring	CP6297-111	<i>19 03 103</i>	2
Bleed Screw Cap	CP2494-177	<i>19 04 118</i>	2
Caliper Seal Kit	CP4518-EFK	<i>08 04 926</i>	1
Ceramic Piston Cap Set	CP4528-EFK	<i>19 03 136</i>	1



Technical Data	
Mount Ctr	210mm
Offset	43.5mm
Body Design	Radi-CAL™
Body Finish	Hard Anodised
Piston Matl	Titanium
Disc Dia	12.91"
Disc Thk	Max 42mm
Weight	6.8 Lbs
Hydraulic Thread	3/8" x 24 UNF



Caliper Replacement Parts Data / Technical Data

CP5846 - CP5847 - CP5848 - CP5849

Caliper Family Number	CP5846		CP5847	
RHL	CP5846-4SOMC	19 02 170	CP5847-4SOMC	19 02 173
LHL	CP5846-5SOMC	19 02 171	CP5847-5SOMC	19 02 174
Bore	1	2	1	2
Diameter	1.375"	1.250"	1.250"	1.125"
Piston	CP5846-106	CP5846-105	CP5846-105	CP6070-110
<i>Essex Ref</i>	19 03 190	08 04 190	08 04 190	19 03 196
Seal	CP4900-167	CP4900-166	CP4900-166	CP4900-169
<i>Essex Ref</i>	08 04 703	08 04 703	08 04 703	08 04 690
4Lb Anti Knock Back Spring	CP2667-105	CP2632-113	CP2632-113	CP2632-113
<i>Essex Ref</i>	08 04 015	08 04 013	08 04 013	08 04 013
Piston Ceramic Cap	CP5846-107	CP5842-118	CP5842-118	CP6060-128
<i>Essex Ref</i>	19 03 191	19 03 194	19 03 194	19 03 197
Piston Cap Snap Ring	CP6436-121	CP6292-157	CP6292-157	CP6060-130
<i>Essex Ref</i>	19 03 192	19 03 195	19 03 195	19 03 113
Part	AP Ref	<i>Essex Ref</i>	AP Ref	<i>Essex Ref</i>
Pad Support Screw	CP5856-109st	19 03 165	CP5856-109st	19 03 165
Pad Support Plate	CP6270-101	19 03 300	CP6270-101	19 03 300
Pad Abutment Wear Plate	CP6070-107	19 03 310	CP6070-107	19 03 310
Ctr Beam Wear Plate	CP5846-104	19 03 301	CP5846-104	19 03 301
Bleed Screw	CP5820-123	19 03 104	CP5820-123	19 03 104
Bleed Screw O Ring	CP6297-111	19 03 103	CP6297-111	19 03 103
Bleed Screw Cap	CP2494-177	19 04 118	CP2494-177	19 04 118
Caliper Seal Kit	CP4518-EG	08 04 917	CP4518-DE	08 04 915
Ceramic Piston Cap Set	CP4528-EG	19 03 137	CP4528-DE	19 03 138



Technical Data	
Mount Ctr	184mm
Offset	42mm
Body Design	Standard
Body Finish	Hard Anodised
Piston Matl	Titanium
Disc Dia	12.91"
Disc Thk	1.385" Max
Weight	5.14 Lbs
Hydraulic Thread	3/8" x 24 UNF

Caliper Family Number	CP5848		CP5849	
RHL	CP5848-8SOMCN	19 02 150	CP5849-8SOMCN	19 02 152
LHL	CP5848-9SOMCN	19 02 151	CP5849-9SOMCN	19 02 153
Underslung RHL	CP5848-10SOMCN	19 02 156	CP5849-10SOMCN	19 02 158
Underslung LHL	CP5848-11SOMCN	19 02 157	CP5849-11SOMCN	19 02 159
Bore	1	2	1	2
Diameter	1.375"	1.250"	1.250"	1.125"
Piston	CP5848-122	CP5848-121	CP5848-121	CP5849-110
<i>Essex Ref</i>				
Seal	CP4900-167	CP4900-166	CP4900-166	CP4900-169
<i>Essex Ref</i>	08 04 703	08 04 703	08 04 703	08 04 690
4Lb Anti Knock Back Spring	CP2667-105	CP2632-113	CP2632-113	CP2632-113
<i>Essex Ref</i>	08 04 015	08 04 013	08 04 013	08 04 013
Piston Ceramic Cap	CP5846-107	CP5842-118	CP5842-118	CP6060-128
<i>Essex Ref</i>	19 03 191	19 03 194	19 03 194	19 03 197
Piston Cap Snap Ring	CP6436-121	CP6292-157	CP6292-157	CP6060-130
<i>Essex Ref</i>	19 03 192	19 03 195	19 03 195	19 03 113
Part	AP Ref	<i>Essex Ref</i>	AP Ref	<i>Essex Ref</i>
Pad Support Screw	CP5856-109st	19 03 165	CP5856-109st	19 03 165
Pad Support Plate	CP5848-120	19 03 320	CP5848-120	19 03 320
Pad Abutment Wear Plate	CP5848-115	19 03 321	CP5848-115	19 03 321
Ctr Beam Wear Plate	CP5846-104	19 03 301	CP5846-104	19 03 301
Bleed Screw	CP5820-123	19 03 104	CP5820-123	19 03 104
Bleed Screw O Ring	CP6297-111	19 03 103	CP6297-111	19 03 103
Bleed Screw Cap	CP2494-177	19 04 118	CP2494-177	19 04 118
Caliper Seal Kit	CP4518-EG	08 04 917	CP4518-DE	08 04 915
Ceramic Piston Cap Set	CP4528-EG	19 03 137	CP4528-DE	19 03 138



Technical Data	
Mount Ctr	184mm
Offset	42mm
Body Design	Radi-CAL™
Body Finish	ENP
Piston Matl	Titanium
Disc Dia	12.91"
Disc Thk	1.385" Max
Weight	4.56 Lbs
Hydraulic Thread	3/8" x 24 UNF

Caliper Replacement Parts Data / Technical Data

CP5850 - CP5856



Bore	1	2	
Diameter	1.75"	1.50"	
Piston Ti	CP5850-108	CP5850-107	
Essex Ref	19 03 125	19 03 124	
Seal	CP4900-162	CP4900-164	
Essex Ref	08 04 710	08 04 705	
4Lb Anti Knock Back Spring	CP2667-105	CP2667-105	
Essex Ref	08 04 015	08 04 015	
Part	AP Ref	Essex Ref	Qty
Pad Support Screw	CP5856-109st	19 03 165	8
Pad Support Plate	CP4595-119	19 04 069	4
Center Beam Wear Plate	CP5850-106	19 04 085	2
Button Head Screw	CP3299-108	19 04 027	1
Crush Washer	KL44517	12 02011	1
Bleed Screw	CP5820-115	19 03 104	2
Drive Head Screw	CP3557-107	19 04 068	4
Wear Plate	CP5820-111	19 04 075	4
Bleed Screw Cap	CP2494-177	19 04 118	2
Bleed Screw 'O' Ring	CP6297-111	19 03 103	2
Fluid Bridge Pipe	CP5850-6	19 06 405	1
Mounting Boss	CP5820-110	19 04 077	2
Caliper Seal Kit	CP4518-JL	08 04 930	1
Mounting Bracket Spares (Not Shown)			
Mounting Bracket Assy	CP5820-7	19 02 008	1
Stud	CP5820-113	19 02 018	2
Nut	CP5820-114	10 800406	2
Washer	K19109	10 800606	2

Caliper Family Number	CP5850		
Stroke Number	RHL	CP5850-4SOM	19 02 014
	LHL	CP5850-5SOM	19 02 015



Technical Data	
Mount Ctr	210 mm
Offset	40 mm
Body Design	Standard Monobloc
Body Finish	Hard Anodised
Piston Matl	Titanium
Disc Dia	12.91"
Disc Thk	1.40"
Weight	6.60 Lbs
Hydraulic Thread	3/8" x 24 UNF

Caliper Family Number	CP5856		
Stroke Number	RHL	CP5856-14SOMP	19 02 038
	LHL	CP5846-15SOMP	19 02 039
Bore	1	2	3
Diameter	1.625"	34mm	1.25"
Piston	CP5856-127	CP5856-128	CP5856-129
Essex Ref	19 03 181	19 03 182	19 03 183
Seal	CP4900-163	CP4900-167	CP4900-168
Essex Ref	08 04 706	08 04 700	08 04 691
4Lb Anti Knock Back Spring	CP2667-105	CP2632-113	CP2632-113
Essex Ref	08 04 015	08 04 013	08 04 013
Part	AP Ref	Essex Ref	Qty
Pad Support Screw	CP5856-109st	19 03 165	8
Pad Support Plate	CP5856-111	19 03 412	4
Pad Abutment Wear Plate	CP5856-120	19 03 410	4
Ctr Beam Wear Plate	CP5856-123	19 03 411	1
Ctr Beam Wear Plate Screw	CP5856-112ST	19 0	1
Mounting Bush	CP5845-112	19 03 405	2
Bleed Screw	CP5820-123	19 03 104	2
Bleed Screw O Ring	CP6297-111	19 03 103	2
Bleed Screw Cap	CP2494-177	19 04 118	2
Caliper Seal Kit	CP4518-EFK	08 04 926	1
Ceramic Piston Cap Set	CP4528-EFK	19 03 136	1



Technical Data	
Mount Ctr	210mm
Offset	43.5mm
Body Design	Radi-CAL™
Body Finish	ENP
Piston Matl	Titanium
Disc Dia	12.91"
Disc Thk	Max 42mm
Weight	6.15 Lbs
Hydraulic Thread	3/8" x 24 UNF



Caliper Replacement Parts Data / Technical Data

CP5880 - CP5890

Caliper Family Number	CP5880		
RHL	CP5880-4SOM	19 02 168	Standard Retraction
LHL	CP5880-5SOM	19 02 169	Standard Retraction
Bore	1	2	
Diameter	1.25"	1.125"	
Piston	CP5880-108	CP5880-109	
<i>Essex Ref</i>	19 03 140	19 03 141	
Seal	CP4900-168	CP4900-169	
<i>Essex Ref</i>	08 04 691	08 04 690	
Part	AP Ref	<i>Essex Ref</i>	Qty
Pad Support Screw	CP3160-106ST	19 04 156	4
Pad Support Plate	CP4520-107	19 04 120	4
Wear Plate Ctr Beam	CP5880-106	19 04 250	1
Wear Plate	CP5880-107	19 04 200	4
Bleed Screw	CP5820-115	19 03 104	2
Bleed Screw Cap	CP2494-177	19 04 118	2
Bleed Screw 'O' Ring	CP6297-111	19 03 103	2
Fluid Bridge Pipe	CP5880-6	19 06 435	1
Caliper Seal Kit	CP4518-DE	08 04 915	1
Mounting Bracket Spares (Not Shown)			
Mtg Bracket Assy	CP2494-2161U	19 04 102	1
Stud Kit	CP5830-9	19 04 091	1



Technical Data	
Mount Ctr	184mm
Offset	42mm
Body Design	Standard
Body Finish	Hard Anodised
Piston Matl	Titanium
Disc Dia	12.00"
Disc Thk	1.00" Max
Weight	5.20 Lbs
Hydraulic Thread	3/8" x 24 UNF

Caliper Family Number	CP5890		
RHL	CP5890-4SOM	19 02 058	Standard Fall Back
LHL	CP5890-5SOM	19 02 059	Standard Fall Back
Bore	1	2	3
Diameter	1.625"	1.250"	1.125"
Piston	CP5890-113	CP5890-112	CP5890-111
<i>Essex Ref</i>	19 03 149	19 03 148	19 03 147
Seal	CP4900-163	CP4900-168	CP4900-169
<i>Essex Ref</i>	08 04 706	08 04 691	08 04 690
4Lb Anti Knock Back Spring	CP2667-105	CP2632-113	CP2632-113
<i>Essex Ref</i>	08 04 015	08 04 013	08 04 013
Part	AP Ref	<i>Essex Ref</i>	Qty
Pad Support Screw	CP5856-109st	19 03 165	8
Pad Support Plate	CP4595-119	19 04 069	4
Center Beam Wear Plate	CP5890-104	19 04 073	1
Mtg Bracket Assy	CP5820-7	19 02 008	1
Button Head Screw	CP3299-108	19 04 027	1
Crush Washer	KL44517	12 02011	1
Bleed Screw	CP5820-115	19 03 104	2
Drive Head Screw	CP3557-107	19 04 068	4
Wear Plate	CP5890-106	19 04 151	4
Bleed Screw Cap	CP2494-177	19 04 118	2
Bleed Screw 'O' Ring	CP6297-111	19 03 103	2
Fluid Bridge Pipe	CP5890-6	19 06 445	1
Mounting Boss	CP5890-107	19 04 072	2
Caliper Seal Kit	CP4518-DEK	08 04 924	1



Technical Data	
Mount Ctr	210 mm
Offset	41.50mm
Body Design	Standard
Body Finish	Hard Anodised
Piston Matl	Titanium
Disc Dia	12.81"
Disc Thk	1.495" max
Weight	5.50 Lbs
Hydraulic Thread	3/8" x 24 UNF

Caliper Replacement Parts Data / Technical Data

CP5895 - CP5896



Caliper Family Number	CP5895		
RHL	CP5895-4SOM	19 02 054	Standard Fall Back
LHL	CP5895-5SOM	19 02 055	Standard Fall Back
RHL	CP5895-8SOM	19 02	0.010" Fall Back
LHL	CP5895-9SOM	19 02	0.010" Fall Back
Bore	1	2	3
Diameter	1.625"	1.250"	1.125"
Piston	CP5890-113	CP5890-112	CP5890-111
<i>Essex Ref</i>	19 03 149	19 03 148	19 03 147
Seal	CP4900-163	CP4900-168	CP4900-169
<i>Essex Ref</i>	08 04 706	08 04 691	08 04 690
4Lb Anti Knock Back Spring	CP2667-105	CP2623-113	CP2623-113
<i>Essex Ref</i>	08 04 015	08 04 013	08 04 013
Part	AP Ref	<i>Essex Ref</i>	Qty
Pad Support Screw	CP5856-109st	19 03 165	8
Pad Support Plate	CP5895-107	19 03 500	4
Pad Abutment Wear Plate	CP5845-111	19 03 400	4
Ctr Beam Wear Plate RH	CP5895-112	19 03 502	1
Ctr Beam Wear Plate LH	CP5895-113	19 03 501	1
Ctr Beam Wear Plate Screw	CP5517-159	19 06 362	1
Mounting Bush	CP5842-112	19 03 405	2
Bleed Screw	CP5820-123	19 03 104	2
Bleed Screw O Ring	CP6297-111	19 03 103	2
Bleed Screw Cap	CP2494-177	19 04 118	2
Caliper Seal Kit	CP4518-DEK	08 04 924	1



Technical Data	
Mount Ctr	210 mm
Offset	41.50mm
Body Design	Standard
Body Finish	Hard Anodised
Piston Matl	Titanium
Disc Dia	12.81"
Disc Thk	1.495" max
Weight	5.5 Lbs
Hydraulic Thread	3/8" x 24 UNF

Caliper Family Number	CP5896		
RHL	CP5896-8SOMN	19 02 056	Standard Fall Back
LHL	CP5896-9SOMN	19 02 057	Standard Fall Back
RHL	CP5896-14SOMN	19 02 048	0.010" Fall Back
LHL	CP5896-15SOMN	19 02 049	0.010" Fall Back
Bore	1	2	3
Diameter	1.625"	1.250"	1.125"
Piston	CP5896-118	CP5896-117	CP5896-116
<i>Essex Ref</i>	19 03 202-	19 03 201	19 03 200
Seal	CP4900-163	CP4900-168	CP4900-169
<i>Essex Ref</i>	08 04 706	08 04 691	08 04 690
4Lb Anti Knock Back Spring	CP2667-105	CP2623-113	CP2623-113
<i>Essex Ref</i>	08 04 015	08 04 013	08 04 013
Part	AP Ref	<i>Essex Ref</i>	Qty
Pad Support Screw	CP5856-109st	19 03 165	8
Pad Support Plate	CP5896-110	19 03 550	4
Pad Abutment Wear Plate Leading	CP5896-101	19 03 552	2
Pad Abutment Wear Plate Trailing	CP5896-109	19 03 553	2
Ctr Beam Wear Plate	CP5896-102	19 03 551	1
Ctr Beam Wear Plate Screw	CP5856-112	19 06	1
Mounting Bush	CP5845-112	19 03 405	2
Bleed Screw	CP5820-123	19 03 104	2
Bleed Screw O Ring	CP6297-111	19 03 103	2
Bleed Screw Cap	CP2494-177	19 04 118	2
Caliper Seal Kit	CP4518-DEK	08 04 924	1
Angled Pad Abutment Kit	CP5896-18	19 03 570	1



Technical Data	
Mount Ctr	210 mm
Offset	41.50mm
Body Design	Radi-CAL™
Body Finish	ENP
Piston Matl	Titanium
Disc Dia	12.81"
Disc Thk	1.495" max
Weight	5.25 Lbs
Hydraulic Thread	3/8" x 24 UNF



Caliper Replacement Parts Data / Technical Data

CP5900

Bore	1	2	3
Diameter	1.625"	1.25"	1.125"
Piston Steel	CP5810-115	CP5810-114	CP5810-113
<i>Essex Ref</i>	<i>19 03 112</i>	<i>19 03 111</i>	<i>19 03 110</i>
Seal	CP4900-163	CP4900-168	CP4900-169
<i>Essex Ref</i>	<i>08 04 706</i>	<i>08 04 691</i>	<i>08 04 690</i>
4Lb Anti Knock Back Spring	CP2667-105	CP2632-113	CP2632-113
<i>Essex Ref</i>	<i>08 04 015</i>	<i>08 04 013</i>	<i>08 04 013</i>
Part	AP Ref	<i>Essex Ref</i>	Qty
Pad Support Screw	CP5856-109st	<i>19 03 165</i>	8
Pad Support Plate	CP4595-119	<i>19 04 069</i>	4
Pad Retainer H Piece	CP5900-104	<i>19 03 601</i>	1
Pad Retainer Bolt	CP5900-105	<i>19 03 600</i>	2
Pad Retainer Nut	CP5500-208		2
Pad Abutment Wear Plate	CP5890-106	<i>19 04 151</i>	4
Pad Abutment Screw	CP3557-107	<i>19 04 068</i>	4
Bleed Screw	CP5820-115	<i>19 03 104</i>	2
Bleed Screw Cap	CP2494-177	<i>19 04 118</i>	2
Bleed Screw 'O' Ring	CP6297-111	<i>19 03 103</i>	2
Fluid Bridge Pipe	CP5810-6	<i>19 06 090</i>	1
Caliper Seal Kit	CP4518-DEK	<i>08 04 924</i>	1
Mounting Bracket Spares (Not Shown)			
Mounting Bracket Assy	CP5820-7	<i>19 02 008</i>	1
Stud	CP5820-113	<i>19 02 018</i>	2
Nut	CP5820-114	<i>10 800406</i>	2
Washer	K19109	<i>10 800606</i>	2

Caliper Family Number	CP5900		
Stroke Number	RHL	CP5820-4SOM	<i>19 02 006</i>
	LHL	CP5820-5SOM	<i>19 02 007</i>



Technical Data	
Mount Ctr	210 mm
Offset	40 mm
Body Design	Standard Monobloc
Body Finish	Hard Anodised
Piston Matl	Steel
Disc Dia	12.91"
Disc Thk	1.40"
Weight	6.17 Lbs
Hydraulic Thread	3/8" x 24 UNF



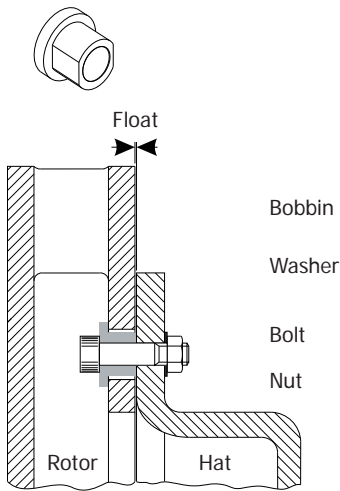
Caliper Seal and AKB Spring Data

CALIPER DETAILS						4 Lb Anti Knock Back Spring				7 Lb Anti Knock Back Spring			
Caliper	Stroke	Bore Des	Bore 1 Dia	Bore 2 Dia	Bore 3 Dia	Qty	Ref	Qty	Ref	Qty	Ref	Qty	Ref
CP5410 -4/5SOL		ED	1.250	1.125		4	CP2632-113			4	CP4100-121		
CP5420 -4/5SOL		ED	1.250	1.125		4	CP2632-113			4	CP4100-121		
CP5421 -4/5SOL		BC	1.120	1.063		4	CP2632-113			4	CP4100-121		
CP5510 -4/5SOL		DC	1.125	1.063		4	CP2632-113			4	CP4100-121		
CP5515 -4/5SOL		DC	1.125	1.063		4	CP2632-113			4	CP4100-121		
CP5515 -8/9SOL		DC	1.125	1.063		4	CP2632-113			4	CP4100-121		
CP5545 -4/5SOMP		ED	1.250	1.125									
CP5545 -24/25SOMP		GE	1.375	1.250									
CP5545 -44/45SOMP		CD	1.062	1.125									
CP5545 -14/15SOMP		ED	1.250	1.125									
CP5545 -34/35SOMP		GE	1.375	1.250									
CP5545 -54/55SOMP		CD	1.062	1.125									
CP5535 -4/5SO		EA	1.250	1.000		4	CP2632-113			4	CP4100-121		
CP5535 -4/5SOP		EA	1.250	1.000		4	CP2632-113			4	CP4100-121		
CP5610 -4/5SOL		EG	1.375	1.250		2	CP2632-113	2	CP2667-105	2	CP4100-121	2	CP2667-113
CP5810 -4/5SOM		DEK	1.625	1.250	1.125	4	CP2632-113	2	CP2667-105	4	CP4100-121	2	CP2667-113
CP5820 -4/5SOM		EFK	1.625	1.338	1.250	4	CP2632-113	2	CP2667-105	4	CP4100-121	2	CP2667-113
CP5830 -14/15SOL		ED	1.250	1.125		4	CP2632-113			4	CP4100-121		
CP5835 -4/5SO		LM	1.875	1.750				4	CP2667-105			4	CP2667-113
CP5836 -4/5SO		LJ	1.750	1.500				4	CP2667-105			4	CP2667-113
CP5836 -8/9SO		LJ	1.750	1.500				4	CP2667-105			4	CP2667-113
CP5837 -2/3SOP		LH	1.750	1.417				4	CP2667-105			4	CP2667-113
CP5837 -10/11SOP		LH	1.750	1.417				4	CP2667-105			4	CP2667-113
CP5842 -4/5SOMC		EFK	1.625	1.338	1.250	4	CP2632-113	2	CP2667-105	4	CP4100-121	2	CP2667-113
CP5845 -4/5SOMP		EFK	1.625	1.338	1.250	4	CP2632-113	2	CP2667-105	4	CP4100-121	2	CP2667-113
CP5846 -4/5SOMC		EG	1.375	1.250		2	CP2632-113	2	CP2667-105	2	CP4100-121	2	CP2667-113
CP5847 -4/5SOMC		DE	1.250	1.125		4	CP2632-113			4	CP4100-121		
CP5848 -8/9SOMCN		EG	1.375	1.250		2	CP2632-113	2	CP2667-105	2	CP4100-121	2	CP2667-113
CP5848 -10/11SOMCN		EG	1.375	1.250		2	CP2632-113	2	CP2667-105	2	CP4100-121	2	CP2667-113
CP5849 -8/9SOMCN		DE	1.250	1.125		4	CP2632-113			4	CP4100-121		
CP5849 -10/11SOMCN		DE	1.250	1.125		4	CP2632-113			4	CP4100-121		
CP5850 -4/5SOM		JL	1.750	1.500				4	CP2667-105			4	CP2667-113
CP5856 -14/15SOMP		EFK	1.625	1.338	1.250	4	CP2632-113	2	CP2667-105	4	CP4100-121	2	CP2667-113
CP5880 -4/5SOM		DE	1.250	1.125		4	CP2632-113			4	CP4100-121		
CP5890 -4/5SOM		DEK	1.625	1.250	1.125	4	CP2632-113	2	CP2667-105	4	CP4100-121	2	CP2667-113
CP5895 -4/5SOM		DEK	1.625	1.250	1.125	4	CP2632-113	2	CP2667-105	4	CP4100-121	2	CP2667-113
CP5895 -8/9SOM		DEK	1.625	1.250	1.125	4	CP2632-113	2	CP2667-105	4	CP4100-121	2	CP2667-113
CP5896 -8/9SOMN		DEK	1.625	1.250	1.125	4	CP2632-113	2	CP2667-105	4	CP4100-121	2	CP2667-113
CP5896 -14/15SOMN		DEK	1.625	1.250	1.125	4	CP2632-113	2	CP2667-105	4	CP4100-121	2	CP2667-113
CP5900 -4/5SOL		DEK	1.625	1.250	1.125	4	CP2632-113	2	CP2667-105	4	CP4100-121	2	CP2667-113

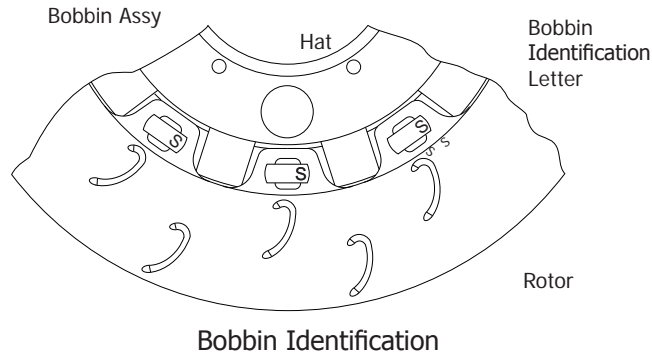
Bore Designation, Seal & Anti Knock Back Spring Range									
Piston Designation	Piston / Bore Diameter		Hydraulic Seal		4 Lb Spring		7 Lb Spring		
	Metric	Inch	AP Ref	Essex Ref	AP Ref	Essex Ref	AP Ref	Essex Ref	
A	25.40	1.000	CP4900-172	08 04 698	CP2632-113	08 04 913	CP4100-121	08 04 017	
B	26.00	1.020	CP4900-171	08 04 869	CP2632-113	08 04 913	CP4100-121	08 04 017	
C	26.99	1.062	1 1/16"	CP4900-170	08 04 699	CP2632-113	08 04 913	CP4100-121	08 04 017
D	28.58	1.125	1 1/8"	CP4900-169	08 04 690	CP2632-113	08 04 913	CP4100-121	08 04 017
E	31.75	1.250	1 1/4"	CP4900-168	08 04 691	CP2632-113	08 04 913	CP4100-121	08 04 017
F	34.00	1.340		CP4900-167	08 04 700	CP2632-113	08 04 913	CP4100-121	08 04 017
G	34.93	1.375	1 3/8"	CP4900-166	08 04 703	CP2667-105	08 04 015	CP2667-113	08 04 016
H	36.00	1.420		CP4900-165	08 04 704	CP2667-105	08 04 015	CP2667-113	08 04 016
J	38.10	1.500	1 1/2"	CP4900-164	08 04 705	CP2667-105	08 04 015	CP2667-113	08 04 016
K	41.28	1.625	1 5/8"	CP4900-163	08 04 706	CP2667-105	08 04 015	CP2667-113	08 04 016
L	44.45	1.750	1 3/4"	CP4900-162	08 04 710	CP2667-105	08 04 015	CP2667-113	08 04 016
M	47.60	1.875	1 7/8"	CP4900-161	08 04 715	CP2667-105	08 04 015	CP2667-113	08 04 016
N	50.08	2.000	2"	CP4900-160	08 04 716	CP2667-105	08 04 015	CP2667-113	08 04 016

Disc and Bobbin Information

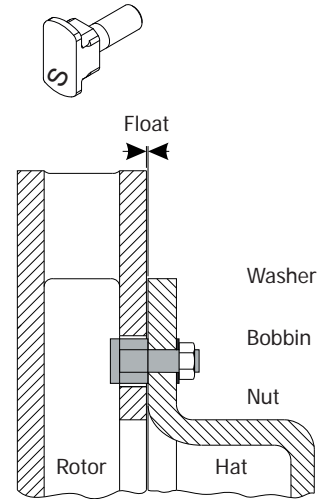
Bobbin Range Information



Standard Bobbin



Bobbin Identification

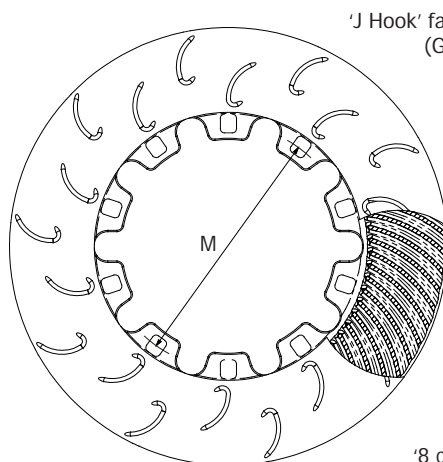
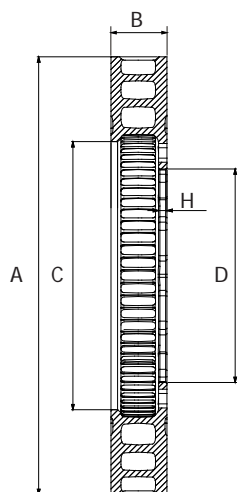


Wide Bobbin Assembly

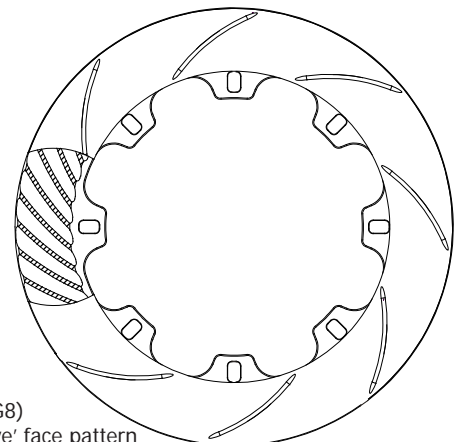
All discs to bell assembly nuts to be tightened to
14Nm (10.3 Lb/ft or 124 Lb in)

AP Bobbin Ref	Essex Bobbin Ref	Bobbin ID Letter	Bobbin Type	Essex Kit Ref
CP2494-593MB	19 04 138	B	Standard	N/A
CP2494-589MJ	19 04 141	J	Standard	N/A
CP2494-1341MD	19 04 140	D	Standard	N/A
CP2494-504MP	19 04 143	P	Standard	N/A
CP2494-1342MM	19 04 142	M	Standard	N/A
CP4135-106FP	19 04 146	P	Wide	19 04 117
CP4135-102FC	19 04 144	C	Wide	19 04 127
CP4135-104FD	19 04 145	D	Wide	19 04 119
CP4135-105FM	19 04 148	M	Wide	19 04 122
CP4135-108FS	19 04 147	S	Wide	19 04 123
CP4135-103FE	19 04 149	E	Wide	19 04 124

Disc Range Information (See range details on following page)



'J Hook' face pattern (GA)



(CG8)
 '8 curved groove' face pattern

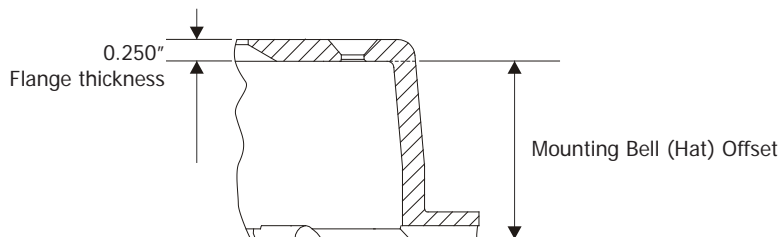
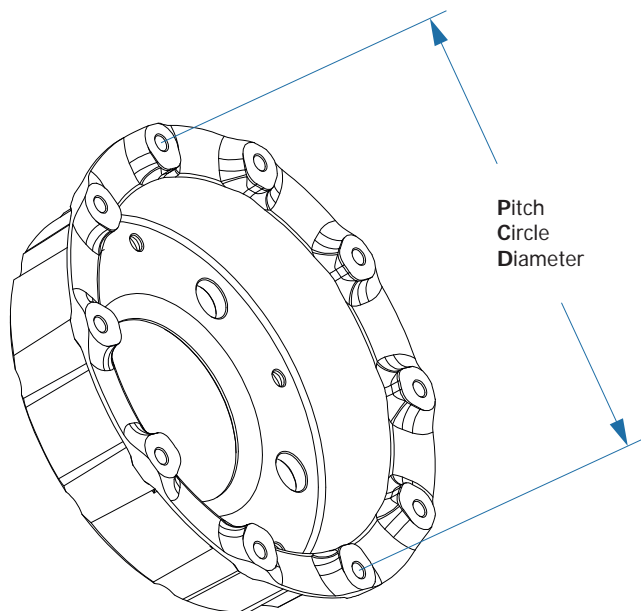
Disc Range Information



Part Number	Application	Use	Vanes	"Air Gap mm"	Weight Lbs	"A Dia"	"B Thk"	"C Eye Dia"	"D Spig-ot Dia"	"H Flange Thk"	Mountings	
	Series										No.	PCD
CP3580-1232/3CG8	Sprint Cup	Intermediate	48	14.0	6.48	11.024	1.000	8.398	6.378	0.198	8	7.323
CP3581-1582/3GA	Sprint Cup	Intermediate	48	19.5	13.04	12.810	1.319	9.076	9.006	0.214	10	7.795
CP3781-2184/5CG8	Xfiniti	Intermediate	48	16.5	9.20	12.189	1.100	8.693	6.890	0.250	8	7.953
CP3836-2082/3CG8	Sprint Cup	Intermediate	36	19.5	7.97	12.910	1.250	10.270	8.500	0.197	8	9.448
CP3836-2084/5CG8	Sprint Cup	Intermediate	36	19.5	7.07	12.910	1.185	10.270	8.500	0.197	8	9.448
CP3836-2086/7CG8	Sprint Cup	Intermediate	36	19.5	7.40	12.000	1.250	9.360	7.539	0.198	8	8.460
CP3837-108/9CG8	Sprint Cup	Super speedway	36	14.5	8.40	12.000	1.000	8.125	6.457	0.220	10	7.407
CP3837-110/1GA	Sprint Cup	ST - RC	36	14.5	8.00	12.910	0.940	8.940	7.280	0.198	12	8.250
CP3837-2054/5GA	Sprint Cup	Intermediate	36	14.5	9.20	12.811	1.043	8.452	6.831	0.213	10	7.795
CP3837-2056/7CG8	Sprint Cup	Intermediate	36	14.5	7.42	12.910	1.000	8.380	8.110	0.170	8	9.055
CP3837-2058/9CG8	Sprint Cup	Intermediate	36	14.5	6.37	12.910	1.000	10.270	8.500	0.170	8	9.448
CP3847-122/3CG8	Sprint Cup	Intermediate	36	20.0	7.76	12.189	1.102	8.693	6.890	0.221	8	7.953
CP3860-120/1CG8	Sprint Cup	Intermediate	60	18.0	11.00	12.189	1.250	8.693	6.890	0.250	8	7.953
CP3860-126/7CG8	Xfiniti	Super speedway	60	18.0	12.00	12.000	1.250	7.968	6.299	0.220	10	7.250
CP3870-120/1GA	Xfiniti	Short Track	70	16.5	20.40	12.913	1.400	7.928	6.299	0.296	10	7.250
CP3908-102/3GA	Xfiniti	Intermediate	70	16.5	15.80	12.810	1.250	8.452	6.811	0.250	10	7.795
CP3908-104/5GA	Xfiniti	Intermediate	70	16.5	18.20	12.810	1.400	8.452	6.811	0.250	10	7.795
CP3930-106/7CG8	Sprint Cup	Intermediate	30	16.0	11.40	12.910	1.250	9.803	8.110	0.170	8	9.055
CP3948-128/9GA	Sprint Cup	Intermediate	48	21.0	9.65	12.000	1.299	8.350	6.690	0.214	10	7.680
CP4248-116/7CG8	Sprint Cup	Intermediate	48	16.0	9.38	12.189	1.102	8.693	6.890	0.221	8	7.953
CP4348-108/9CG8	Sprint Cup	Super Speedway	48	9.0	11.42	12.000	1.000	8.114	6.402	0.249	10	7.407
CP4348-112/3CG8	Sprint Cup	Intermediate	48	9.0	6.96	12.189	0.709	8.693	6.890	0.221	8	7.953
CP4470-112/3GA	Sprint Cup	Road Course	70	24.5	21.20	12.913	42.000	7.929	6.299	0.296	10	7.250
CP4470-124/5GA	Sprint Cup	Road Course	70 w	24.5	20.40	12.913	42.000	7.929	6.299	0.296	10	7.250
CP4540-124/5CG8	Xfiniti	Super speedway	28	8.8	9.00	11.750	1.250	8.258	6.528	0.250	8	7.323
CP4540-138/9CG8	Sprint Cup	Super speedway	28	8.8	4.80	11.024	0.709	8.398	6.378	0.198	8	7.323
CP4661-102/3GA	Sprint Cup	Short Track	60	20.0	21.00	12.910	1.575	7.910	6.292	0.296	10	7.250
CP4661-110/1GA	Sprint Cup	Short Track	60	20.0	11.58	12.910	1.250	8.941	7.283	0.198	12	8.250
CP4770-102/3GA	Sprint Cup	Intermediate	70 w	22.0	13.80	12.811	1.320	8.583	6.831	0.213	10	7.795
CP4770-104/5GA	Sprint Cup	Intermediate	70 w	22.0	14.60	12.811	1.360	8.583	6.831	0.213	10	7.795
CP4770-106/7GA	Sprint Cup	Intermediate	70 w	22.0	16.60	12.811	1.460	8.583	6.831	0.250	10	7.795
CP4770-108/9GA	Sprint Cup	Intermediate	70 w	22.0	17.20	12.811	1.495	8.583	6.831	0.250	10	7.795
CP4770-110/1GE	Xfiniti	Road Course	70 w	22.0	13.00	12.913	1.310	8.865	7.382	0.198	12	8.346
CP4770-114/5GE	Sprint Cup	Road Course	70 w	22.0	14.00	12.910	1.385	8.940	7.280	0.198	12	8.250
CP4770-116/7GA	Sprint Cup	ST - RC	70 w	22.0	16.50	12.910	1.358	7.930	6.300	0.212	10	7.250
CP5061-102/3GA	Sprint Cup	Short Track	60 w	20.0	20.40	12.910	1.575	7.910	6.292	0.296	10	7.250
CP5061-108/9GA	Sprint Cup	Short Track	60 w	20.0	19.40	12.910	1.496	7.929	6.299	0.296	10	7.250
CP5061-110/1GA	Sprint Cup	Short Track	60 w	20.0	11.58	12.910	1.250	8.941	7.283	0.198	12	8.250
CP5061-112/3GE	Sprint Cup	Short Track	60 w	20.0	13.90	12.910	1.385	8.941	7.283	0.198	12	8.250
CP5154-120/1GA	Sprint Cup	ST - RC	54	20.5	14.00	12.910	1.260	7.930	6.300	0.212	10	7.250
CP5772-1558/9CG8	Xfiniti	Road Course	72	19.5	12.20	12.910	1.250	9.178	7.559	0.250	8	8.583
CP6532-106/7CG8	Sprint Cup	Intermediate	32	21.0	8.43	12.910	1.250	9.800	8.051	0.189	8	9.055
CP6565-180/1CG8	Sprint Cup	Intermediate	48	13.5	8.53	12.910	1.000	9.800	8.110	0.171	8	9.055
CP6565-206/7CG8	Sprint Cup	Intermediate	48	13.5	7.40	12.910	1.000	10.270	8.500	0.171	8	9.448



Mounting Bell (Hat) Range Information



Mount No.	PCD"	AP Reference	Essex Ref	Offset Nom "	Status
8T	7.059	CP2494-2445	19 04 315	2.000	Special Order
		CP2494-2151	19 04 353	2.305	Special Order
		CP2494-2150	19 04 352	2.431	
		CP2494-2149	19 04 351	2.551	Special Order
		CP2494-2148	19 04 350	2.929	Special Order
8T	7.323	CP2494-1299	19 04 331	1.972	Special Order
		CP2494-1285	19 04 332	2.120	Special Order
		CP2494-2251	19 04 503	2.474	Special Order
		CP2494-1284	19 04 333	2.500	Special Order
		CP2494-2250	19 04 502	2.598	
		CP2494-2249	19 04 501	2.720	Special Order
		CP2494-2248	19 04 500	3.098	Special Order
8	7.953	CP2494-1908	19 04 430	1.875	Special Order
		CP2494-1909	19 04 431	2.000	
		CP2494-1905	19 04 432	2.120	
		CP2494-2210	19 04 439	2.191	Special Order
		CP2494-2118	19 04 434	2.303	Special Order
		CP2494-1904	19 04 433	2.500	Special Order
8	8.500	CP2494-3034	19 04	2.042	Special Order
		CP2494-3035	19 04 465	1.471	
8	8.583	CP2494-1456	19 04 312	1.960	
8	9.055	CP2494-2401	19 04 450	1.500	
		CP2494-2448	19 04	2.503	Special Order
8	9.448	CP2494-3010	19 04 460	1.326	
		CP2494-3011	19 04 461	1.581	
10	7.250	CP2494-1609	19 04 281	1.694	
		CP2494-2135	19 04 274	1.733	
		CP2494-1604	19 04 271	1.819	
		CP2494-2134	19 04 273	1.858	
		CP2494-1290	19 04 290	1.904	
		CP2494-1610	19 04 280	1.947	
		CP2494-1289	19 04 289	1.995	
		CP2494-1277	19 04 277	2.072	
		CP2494-2314	19 04 260	2.135	Special Order
		CP2494-2165	19 04 276	2.572	Special Order

Mount No.	PCD"	AP Reference	Essex Ref	Offset Nom"	Status
10	7.407	CP2494-2247	19 04 220	1.995	
10	7.680	CP2494-2014	19 04	2.066	Special Order
10	7.795	CP2494-2091	19 04 325	1.650	Special Order
		CP2494-2089	19 04 324	1.697	Special Order
		CP2494-2088	19 04 321	1.717	Special Order
		CP2494-2087	19 04 323	1.766	
		CP2494-2086	19 04 322	1.786	
		CP2494-2142	19 04 328	1.924	Special Order
		CP2494-1902	19 04 317	1.978	
		CP2494-1678	19 04 320	1.997	
		CP2494-1677	19 04 319	2.046	
		CP2494-1676	19 04 318	2.066	
		CP2494-1279	19 04 279	2.070	Special Order
CP2494-1278	19 04 278	2.141	Special Order		
CP2494-2141	19 04 327	2.204	Special Order		
CP2494-2140	19 04 326	2.250	Special Order		
CP2494-2200	19 04 313	2.315	Special Order		
CP2494-2420	19 04 314	2.578	Special Order		
12	8.250	CP2494-2162	19 04 295	1.904	
		CP2494-2334	19 04 298	2.088	Special Order
12	8.346	CP2494-1666	19 04 294	1.941	

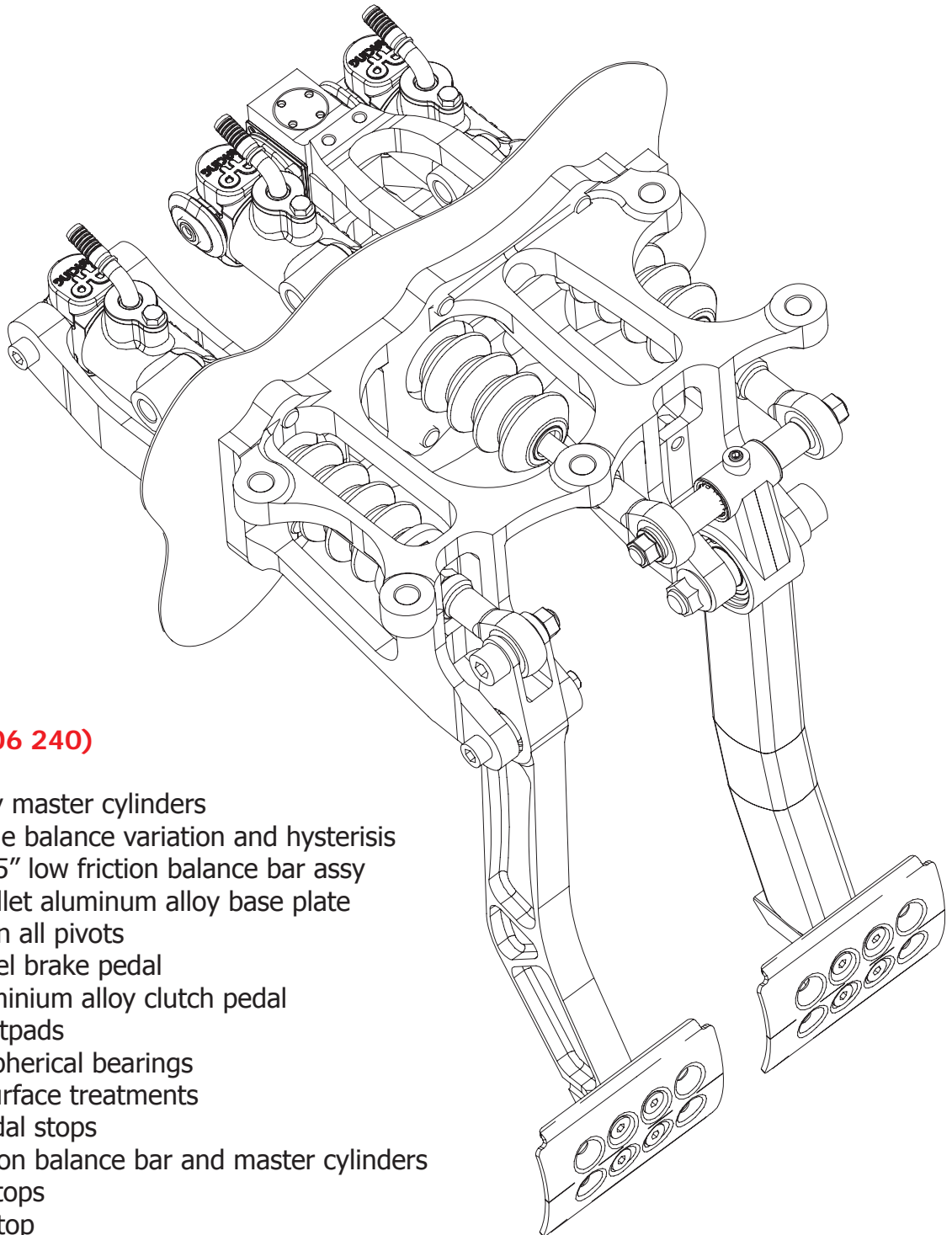
Mounting Bells are grouped by the mounting detail: - number of mounting holes and the PCD. Within each group various offsets are available.

Please refer to individual disc data to determine the correct mounting configuration.

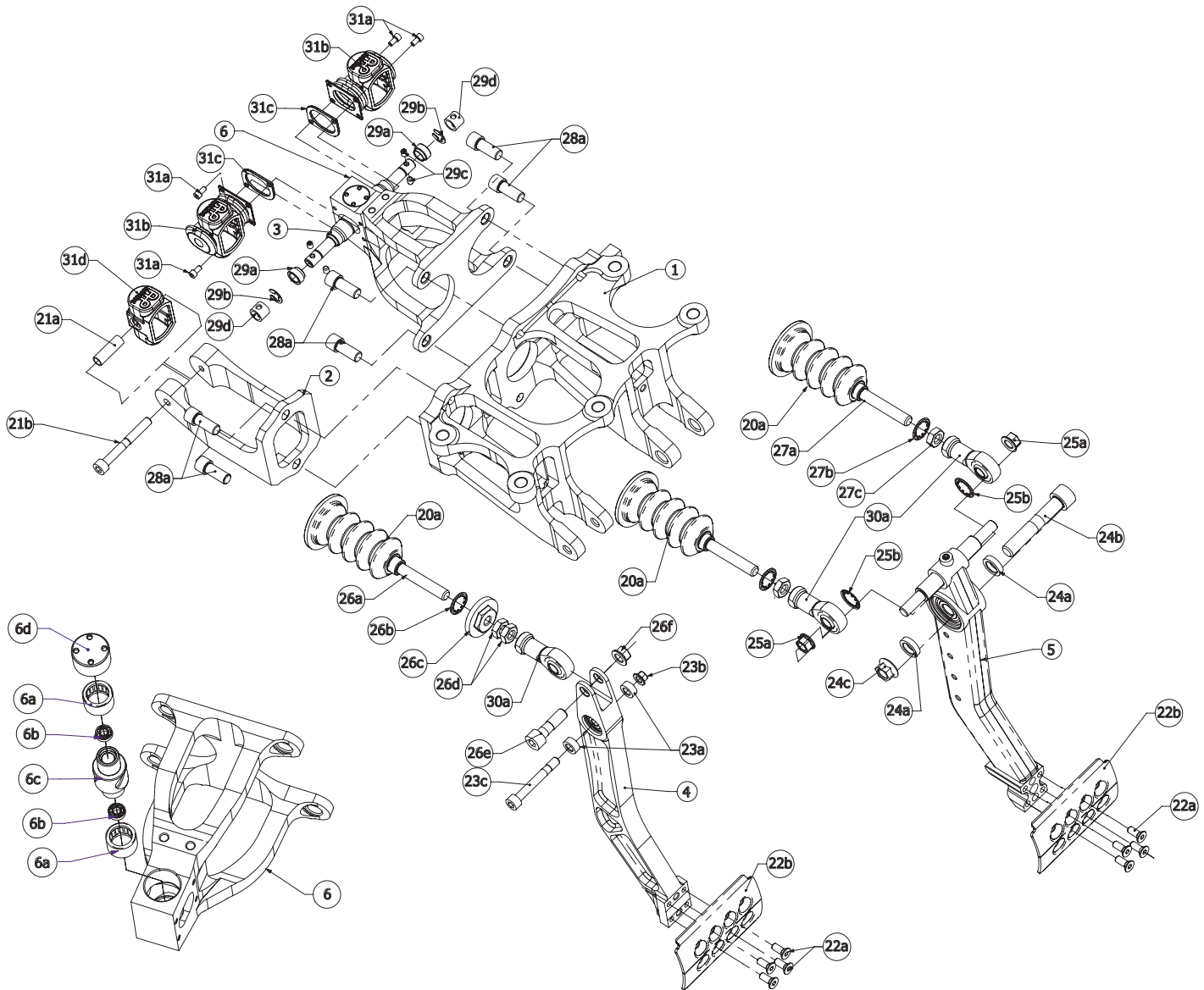
NOTE: The letter T after the mount No. refers to a tapped mount

CP5517-1 (19 06 240)

This new pedal box has been designed to utilise the new 'high efficiency' master cylinders now available from AP Racing. The combination of the new master cylinder configuration, stiff mounting brackets, low friction balance bar assembly and ball bearing pivots etc, provides the lowest levels of balance variation and hysteresis in any pedal box currently available. The pedal box features four main billet sections to enable the master cylinders to be easily removed from the vehicle.


CP5517-1. (19 06 240)

- High Efficiency master cylinders
- Lowest possible balance variation and hysteresis
- Heavy duty 0.5" low friction balance bar assy
- Lightweight billet aluminum alloy base plate
- Ball bearings in all pivots
- Fabricated steel brake pedal
- Machined aluminium alloy clutch pedal
- Adjustable footpads
- High quality spherical bearings
- Low friction surface treatments
- Adjustable pedal stops
- Rubber boots on balance bar and master cylinders
- Pedal return stops
- Clutch pedal stop
- Fire retardant bellows to seal firewall

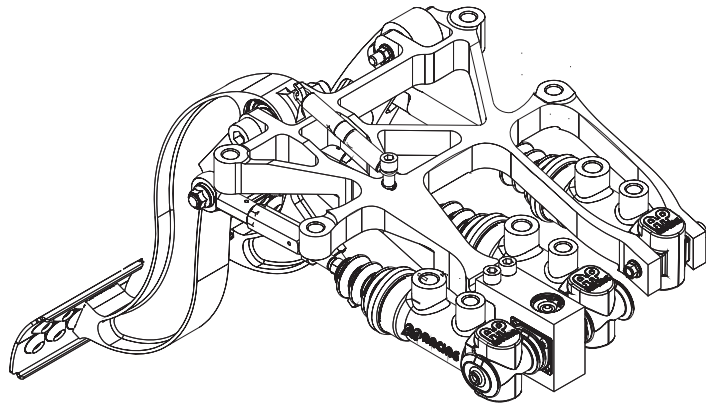


Drg Ref	Part Number	Description	Kit Includes	Description	Drg Ref	Qty
1	CP5517-134	Main Base Plate	1	Main Base Plate	1	1
2	CP5517-104	Clutch Cylinder Bracket	2	Clutch Cylinder Bracket	2	1
3	CP5517-157	Heavy Duty Balance Bar	3	Heavy Duty Balance Bar	3	1
4	CP5517-148	Clutch Pedal sub assy	A	Clutch Pedal	NA	1
			B	Bearing	NA	2
			C	Circlip	NA	1
5	CP5527-129	Brake Pedal sub assy	A	Pedal Pull Rod	NA	1
			B	Bearing	NA	2
			C	Circlip	NA	1
			D	Circlip	NA	2
			E	Brake Pedal	NA	1
			F	Grub Screw	NA	1
6	CP5517-34	Brake Trunnion Bracket sub assy	A	Bearing	6A	2
			B	Bearing	6B	2
			C	Barrel Nut	6C	1
			D	Balance Bar Housing Cap	6D	1
6	CP5517-136	Brake Trunnion Bracket	6	Bracket	6	1
20	CP5517-20	Bellows Kit	A	Bellow	20A	3
21	CP5517-21	Clutch Cylinder Pivot Kit	A	SS Sleeve	21A	1
			B	Screw M6 x 5	21B	4
22	CP5508-15	Footpad Kit	A	Screw .25UNF x 1	22A	2
			B	Footpad	22B	1
			C	None Slip Cloth	ND	1
23	CP5517-24	Clutch Pedal Pivot Kit	A	Spacer	23A	2
			B	Nut M6 x 1	23B	1
			C	Bolt M6 x 45	23C	1

Drg Ref	Part Number	Description	Kit Includes	Description	Drg Ref	Qty
24	CP5517-25	Brake Pedal Pivot Kit	A	Spacer	24A	2
			B	Bolt M10 x 57	24B	1
			C	Nut M10 x 1.5	24C	1
25	CP5517-26	Brake Pedal Pull Bar Extras Kit	A	Nut M8 x 1.25	25A	2
			B	Circlip	25A	2
26	CP5517-27	Clutch Pull Rod Extension Kit	A	Pull Rod Extension	26A	1
			B	Circlip	26B	1
			C	Clutch stop	26C	1
			D	Nut M8 x 1.25	26D	2
			E	Bolt M8 x 28	26E	1
			F	Lock Nut M8 x 1.25	26F	1
27	CP5517-28	Brake Pull Rod Extension Kit	A	Pull Rod Extension	27A	1
			B	Circlip	27B	1
			C	Nut M8 x 1.25	27C	1
28	CP5517-29	Bolt Kit	A	Bolt .31UNF x .75	28A	6
29	CP5517-30	Balance Bar Extras Kit	A	Spacer	29A	2
			B	Circlip	29B	2
			C	Screw M4 x 005	29C	2
			D	Sleeve	29D	2
30	CP5517-31	Rod End Kit	A	Rod End	30A	3
31	CP5517-32	Balance Bar Boot Kit	A	Screw	31A	4
			B	Rubber Boot Brake	31B	1
			C	Brake Boot with Adj hole	31C	1
			D	Rubber boot Clutch	31D	1
			E	Plate	31E	2

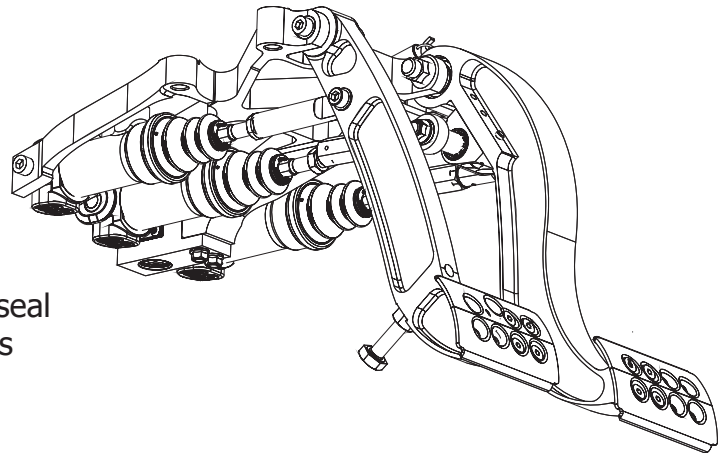
CP5508-1 (19 06 220)

This new pedal box has been designed to utilise the new 'high efficiency' push type master cylinders now available from AP Racing. The combination of the new master cylinder configuration, stiff mounting brackets, low friction balance bar assembly and ball bearing pivots etc., provides the lowest levels of balance variation and hysteresis in any pedal box currently available using a conventional push type cylinder.



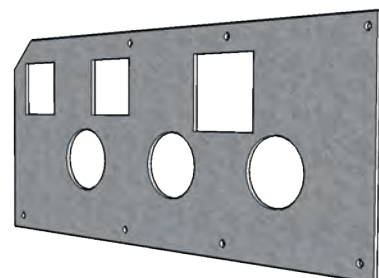
CP5508-1. (19 06 220)

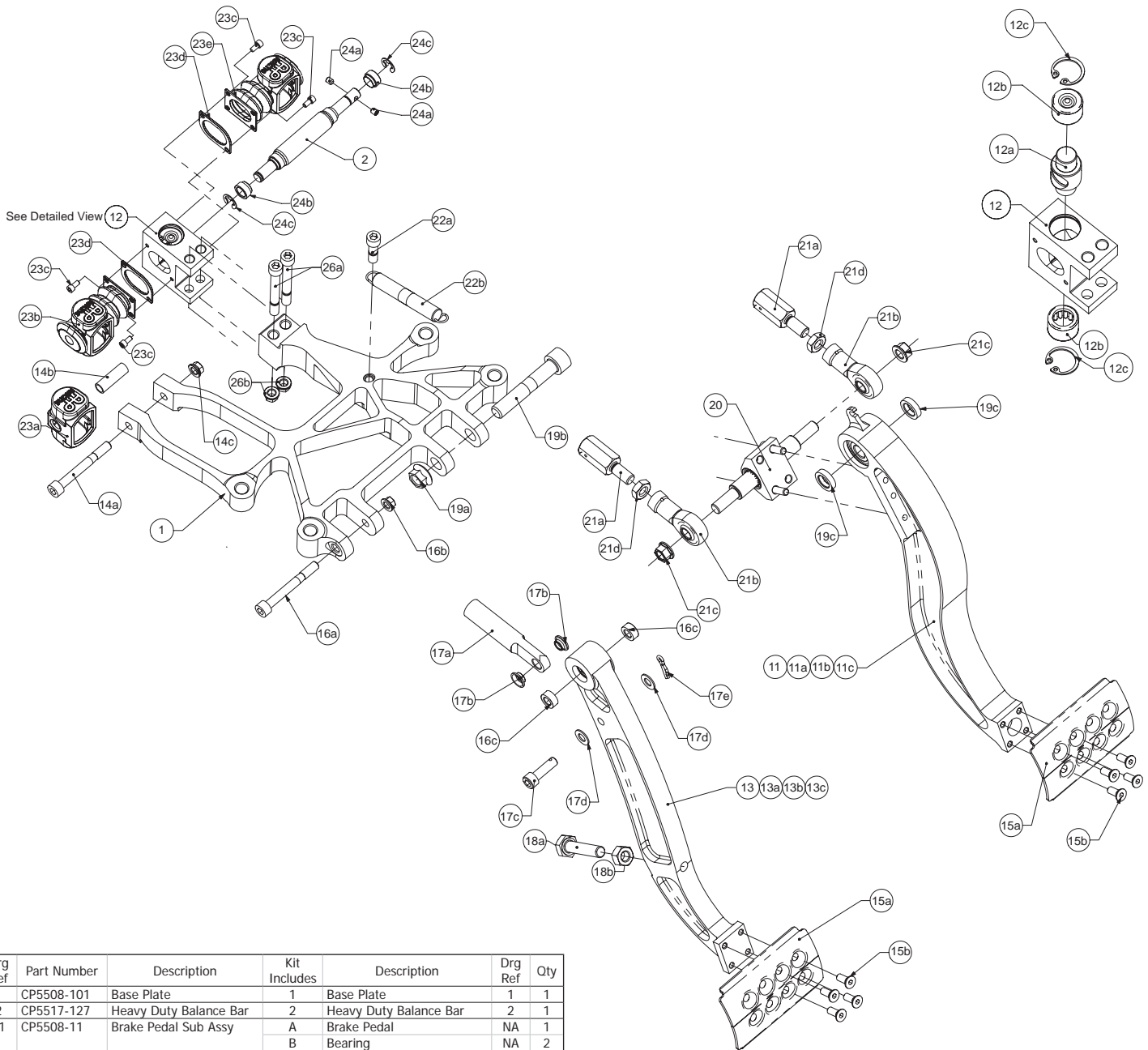
- High Efficiency 'push type' master cylinders
- Lowest possible balance variation and hysteresis
- Heavy duty 0.5" low friction balance bar assy
- Multi Ratio Brake pedal
- Lightweight billet aluminum alloy base plate
- Ball bearings in all pivots
- Steel brake pedal
- Special purpose firewall plate with Fire retardent seal
- Rubber boots on balance bar and master cylinders
- Machined aluminium alloy clutch pedal
- Adjustable footpads
- High quality spherical bearings
- Low friction surface treatments
- Clutch pedal stop



19 06 210 Fire wall plate

To comply with NASCAR regulations, a firewall plate is available to seal off the drivers compartment from the engine bay. The firewall plate consists of two plates that 'sandwich' fire retardent seal and boots. (Seals and boots not shown)





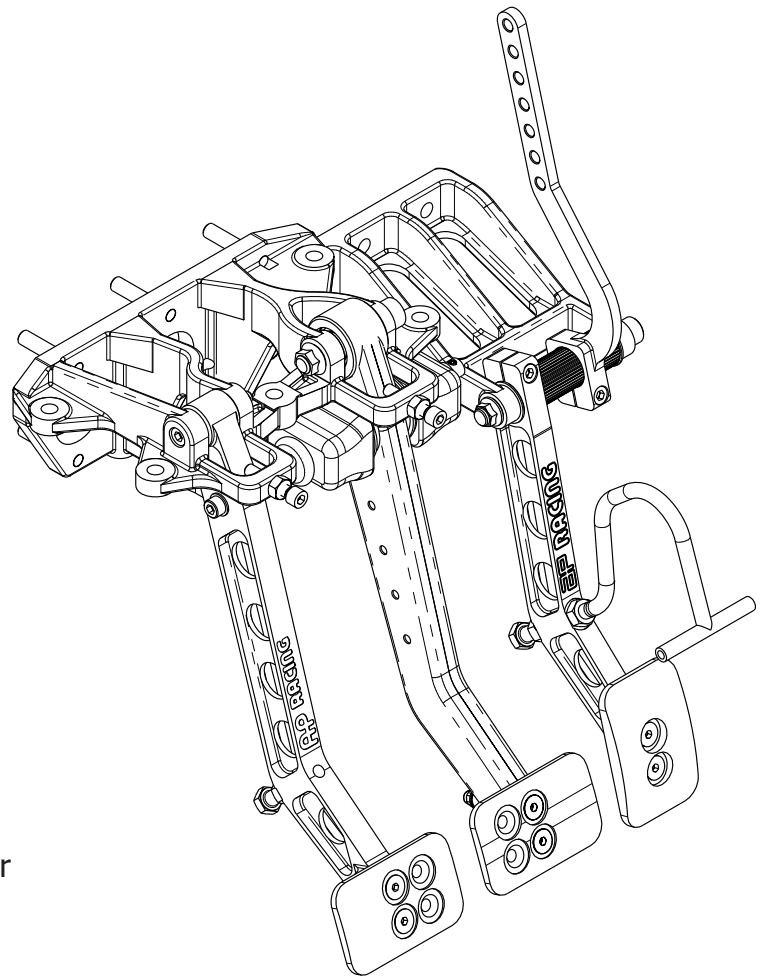
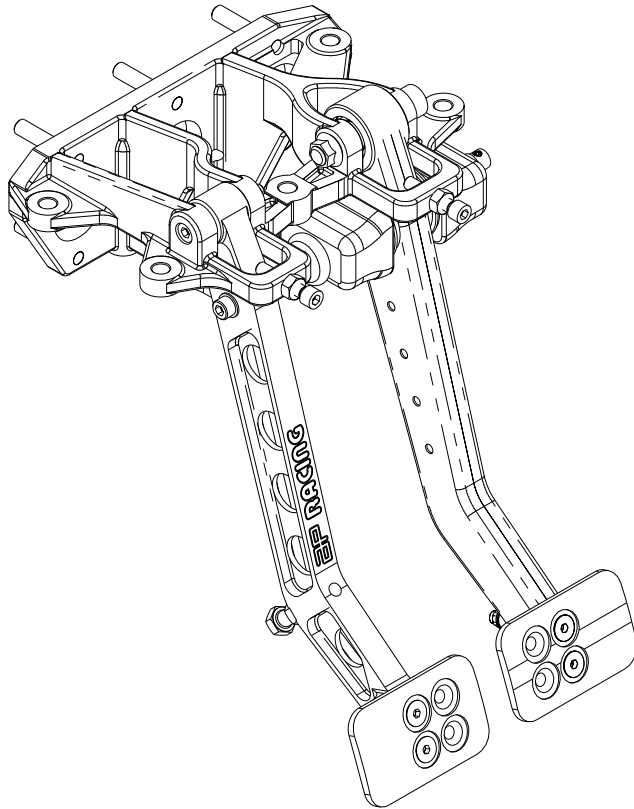
Drg Ref	Part Number	Description	Kit Includes	Description	Drg Ref	Qty
1	CP5508-101	Base Plate	1	Base Plate	1	1
2	CP5517-127	Heavy Duty Balance Bar	2	Heavy Duty Balance Bar	2	1
11	CP5508-11	Brake Pedal Sub Assy	A	Brake Pedal	NA	1
			B	Bearing	NA	2
			C	Circlip	NA	1
12	CP5508-110	Balance Bar Housing	12	Balance Bar Housing	12	1
12	CP5508-25	Balance Bar Housing Sub Assy kit	A	Barrel Nut	NA	1
			B	Circlip	NA	2
			C	Bearing	NA	2
13	CP5508-13	Clutch Pedal Sub Assy	A	Clutch Pedal	NA	1
			B	Bearing	NA	2
			C	Circlip	NA	1
14	CP5508-14	Clutch Cylinder Pivot Kit	A	Bolt M6	14A	1
			B	Stainless Sleeve	14B	1
			C	Nut M6 Kaylock	14C	1
15	CP5508-15	Pedal Footpad Kit	A	Pedal Footpad	15A	1
			B	Bolt 19UNF	15B	4
16	CP5508-16	Clutch Pedal Pivot Kit	A	Bolt M6	16A	1
			B	Nut M6 Kaylock	16B	1
			C	Spacer Ring	16C	2
17	CP5508-17	Clutch Clevis Kit	A	Clevis	17A	1
			B	PTFE Bearing	17B	2
			C	Pivot Pin	17C	1
			D	Washer	17D	2
			E	Retaining Pin	17E	1
18	CP5508-18	Clutch Stop Kit	A	Bolt 0.39UNF	18A	1
			B	Nut	18B	1
19	CP5508-19	Brake Pedal Pivot Kit	A	Nut M10	19A	1
			B	Bolt M10	19B	1
			C	Spacer	19C	2

Drg Ref	Part Number	Description	Kit Includes	Description	Drg Ref	Qty
20	CP5508-20	Ratio Adjuster Sub Assy	A	Adjuster body	NA	1
			B	Grub Screw	NA	1
			C	Bolt	NA	2
			D	Push Rod	NA	1
			E	Circlip	NA	1
21	CP5508-21	Push Rod Extension Kit	A	Push Rod Extension	21A	2
			B	Rod End	21B	2
			C	Nut M8	21C	2
22	CP5508-22	Brake Pedal Return Kit	A	Spring	21A	1
			B	Bolt 0.25 UNF	22B	1
23	CP5517-32	Boot Kit	A	Clutch Boot	23A	1
			B	Brake Boot	23B	1
			C	Screw	23C	4
			D	Boot Plate	23D	2
			E	Brake Boot with Adj hole	23E	1
24	CP5517-30	Balance Bar Extras Kit	A	Grub Screw	24A	2
			B	Spacer	24B	2
			C	Circlip	24C	2
26	CP5508-26	Balance Bar Bolt Kit	A	Bolt 0.25UNF	26A	2
			B	Nut 0.25UNF	26B	2

CP5507-18. (2 Pedal version) CP5507-19. (3 Pedal version)

This pedal box has been purpose designed for USA Stock Car Racing. This lightweight aluminium alloy pedal box offers the driver the highest level of efficiency and control in this critical area. It can accommodate AP Racing master cylinder CP2623 & CP6093 ranges. The pedal box comes with the balance bar, rubber boots and adjuster cable fitted.

CP5507-19 pedal box is identical to CP5507-18 but with the addition of a throttle pedal. The throttle pedal is a light weight machined from aluminium piece that runs on a splined shaft connecting it to the throttle actuation lever. It is suitable for mechanical or cable operated systems. Both the pedal and the throttle lever are adjustable, with the lever being adjustable in both position and fulcrum.

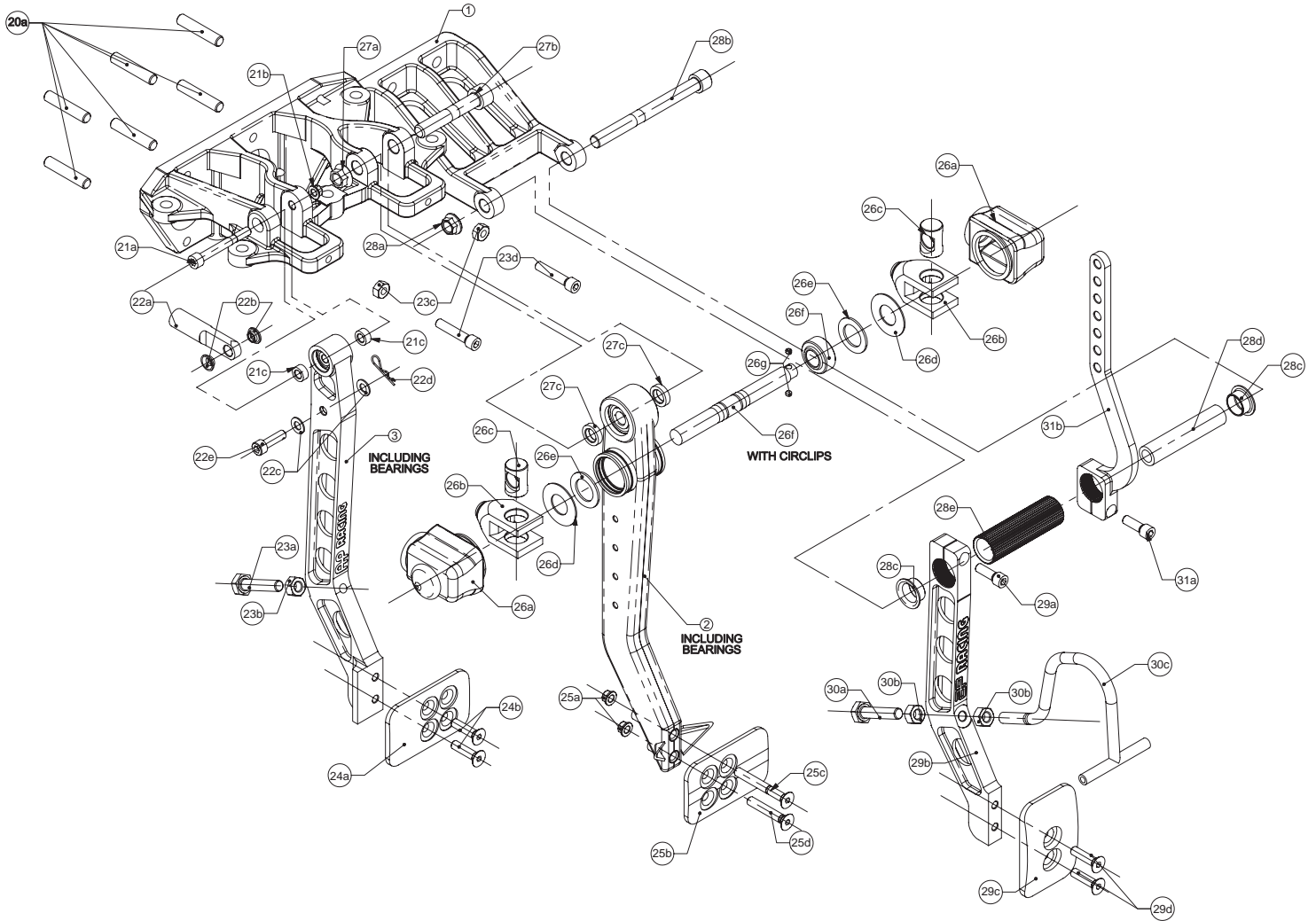
**CP5507-18. (19 06 200) (2 Pedal version)**

- Lightweight Aluminum alloy base plate
- Fabricated Steel brake pedal
- Machined Aluminium alloy clutch pedal
- Adjustable foot pads
- High quality spherical bearings
- 'Low friction' surface treatments
- Adjustable pedal stops
- Heavy Duty 0.5" balance bar with fitted rubber boots
- Pedal return stops
- Balance bar cable fitted

CP5507-19. (19 06 230) (3 Pedal version)

As above, including: -

- Adjustable throttle linkage position
- Throttle return lever

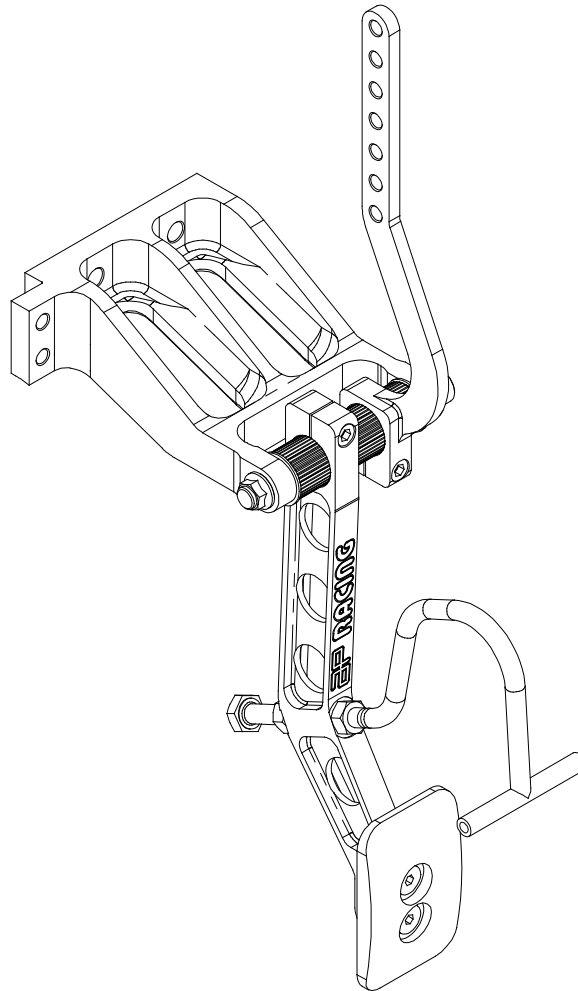


Drg Ref	Part Number	Description	Kit Includes	Description	Drg Ref	Qty
1	CP5507-190	Base Plate			1	1
2	CP5507-197	Brake Pedal Sub Assembly	A	Steel Brake Pedal	2	1
			B	Bearing	NA	2
			C	Circlip	NA	1
3	CP5507-198	Clutch Pedal Sub Assembly	A	Clutch Pedal	3	1
			B	Bearing	NA	2
			C	Circlip	NA	1
20	CP5507-20	Master Cylinder Location Stud Kit	A	Stud 0.312UNF	20A	6
			B	Nut 0.312UNF	NA	6
			C	Washer	NA	6
21	CP5507-21	Clutch Pedal Pivot Kit	A	Bolt M6 x 45	21A	1
			B	Nut M6	21B	1
			C	Bearing Spacer	21C	2
22	CP5507-22	Clutch Clevis Kit	A	Clevis	22A	1
			B	Bearing	22B	2
			C	Washer	22C	2
			D	R Clip	22D	1
			E	Clevis Pin	22E	1
23	CP5507-23	Clutch Stop Kit	A	Bolt 0.312UNF	23A	1
			B	Nut 0.312UNF	23B	1
			C	Nut 0.25UNF	23C	2
			D	Bolt 0.25UNF	23D	2
24	CP5507-24	Clutch Pedal Footpad Kit	A	Foot Pad	24A	1
			B	Bolt 0.25UNF	24B	2
25	CP5507-25	Brake Pedal Footpad Kit	A	Nut 0.25UNF	25A	2
			B	Foot Pad	25B	1
			C	Bolt 0.25UNF x 2.00"	25C	1
			D	Bolt 0.25UNF x 1.50"	25D	1

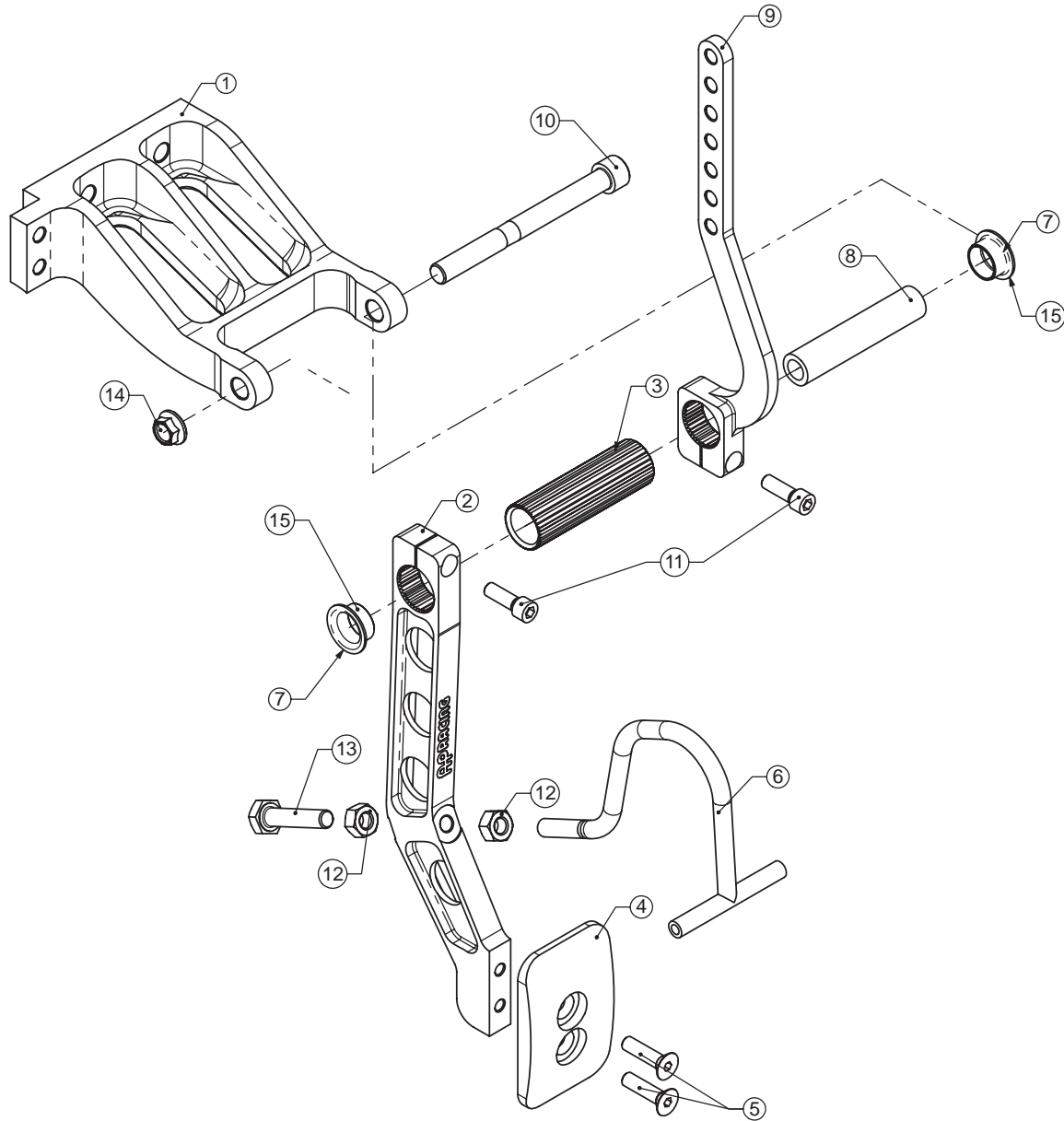
Drg Ref	Part Number	Description	Kit Includes	Description	Drg Ref	Qty
26	CP5507-28	Balance Bar Kit	A	Rubber Boot	26A	1
			B	Brake Clevis	26B	2
			C	Barrel Nut	26C	2
			D	Washer	26D	2
			E	Washer	26E	2
			F	Heavy Duty Balance Bar	26F	1
			G	Grub Screw 0.16"	26G	2
			H	Rubber Boot	26H	1
27	CP5507-27	Brake Pedal Pivot Kit	A	Nut M10	27A	1
			B	Bolt M10	27B	1
			C	Brake Bearing Spacer	27C	2
28	CP5507-28	Throttle Pedal Pivot Kit	A	Nut 0.38"	28A	1
			B	Bolt 0.38"	28B	1
			C	Bearing	28C	2
			D	Sleeve	28D	1
			E	Splined Shaft	28E	1
29	CP5507-29	Throttle Pedal Kit	A	Bolt 0.25"	29A	1
			B	Throttle Pedal	29B	1
			C	Foot Pad	29C	1
			D	Bolt 0.25"	29D	2
30	CP5507-30	Throttle Release Lever Kit	A	Bolt 0.312UNF	30A	1
			B	Nut 0.312UNF	30B	2
			C	Throttle Release lever	30C	1
31	CP5507-31	Throttle Cable Linkage	A	Bolt 0.25"	31A	1
			B	Throttle Linkage	31B	1

CP5517-10. (19 06 245)

This throttle pedal assembly has been designed to attach to the CP5517-1 pedal box. The base plate is billet aluminium, with the throttle pedal light weight machined from aluminium, which runs on a splined shaft connecting it to the throttle actuation lever. It is suitable for mechanical or cable operated systems. Both the pedal and the throttle lever are adjustable, with the lever being adjustable in both position and fulcrum.

**CP5517-10. (19 06 245)**

- Lightweight Aluminum alloy base plate
- Aluminium alloy throttle pedal
- Adjustable throttle linkage position
- Throttle return lever
- Dry Slide Bushing
- Adjustable throttle stop
- Can be attached to CP5517 pedal box



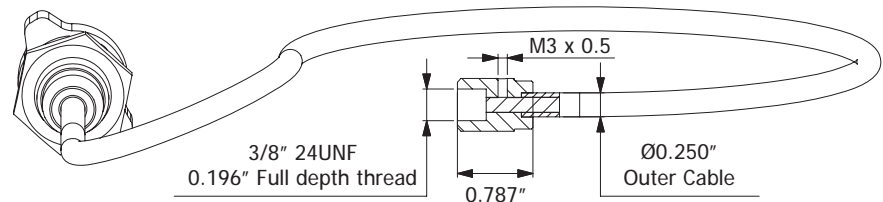
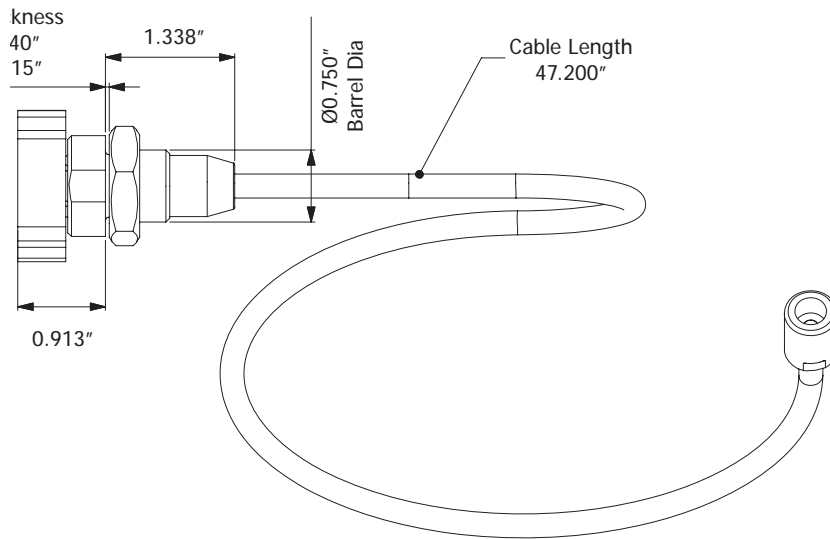
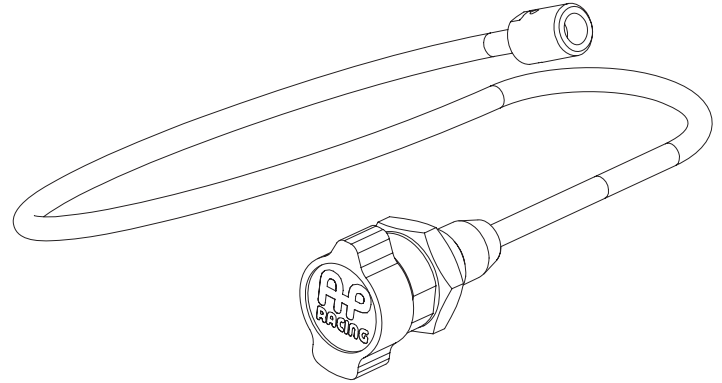
Drq Ref	Part Number	Description	Qty
1	CP5517-138	Base Plate	1
2	CP5507-164	Throttle Pedal	1
3	CP5507-165	Splined Shaft	1
4	CP5507-180	Foot Pad	1
5	CP3861-108	Bolt 0.25"UNF CSK	2
6	CP5517-169	Throttle Release Lever	1
7	CP5507-130	Dry Slide Flange Bearing	2
8	CP5507-172	Stainless Steel Sleeve	1
9	CP5507-170	Throttle Linkage	1
10	CP5507-162	Bolt 0.375"UNF	1
11	CP5507-175	Bolt 0.25"UNF	2
12	K24002DPF1	Nut 0.312"UNF	2
13	CP5507-143	Bolt 0.312"UNF	1
14	CP5820-114	Nut 0.375"UNF	1
15	CP4419-107	Piston Washer	2



Balance Bar Adjuster Cable
CP2905-8. (08 940111)

This high quality adjuster cable is suitable for use with all AP Racing Balance Bar assemblies. The adjuster cable assembly features a $\text{Ø}3.8\text{mm}$ inner steel cable and has a polyethylene 'FR' self extinguishing outer tube that has been designed to be stiffer than most other cables to resist cable 'wind up', providing smoother, more accurate adjustments of the balance bar. The cable also features a lightweight aluminium alloy body with 1/4 turn click stops for vibration proof positioning.

The adjuster body is designed to fit through a $0.787''$ (20mm) hole in the dashboard and the cable supplied is $47.2''$ long, but with an adjustable end fitting the cable can be cut to the required length. The kit also includes cable clips and two directional labels.





Hydraulics and Actuation High Efficiency Master Cylinders CP6467

CP6467 Range - Use with CP5517 Pedal box



Technical Specification

Weight	0.80 Lbs	
Full stroke	1.00"	
Travel to cut off	0.019" to 0.033"	
Hydraulic Threads	M10 x 1.00	Outlet
	CP6465-10 fitting	Inlet
Pushrod	M8 x 1.25	Thread
	1.85"	Length

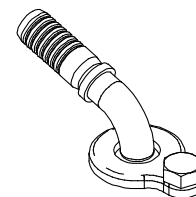
This new range of master cylinders features a center valve configuration which helps to improve cylinder performance. Travel to generate pressure is improved, as is the time required to drop the pressure in the brake system after the brake event. This helps reduce any brake drag. The center valve design also eliminates 'seal heel nibble' particularly useful for ABS systems.

The cylinder also features an optional system, (for which there is a patent pending), to greatly reduce 'Knock Back' events. This feature can be removed by substituting a sleeve for the AKB Plug.

Like the current CP6465 master cylinder, the new CP6467 cylinders are of a pull type design rather than the push type configuration of a more conventional master cylinder. The compact design and pull type configuration eliminates unwanted side loads and dramatically increase the efficiency of the Master Cylinder.

Designed into the back of the cylinder is a needle roller bearing clevis. This has been specifically designed to suit the AP Racing high efficiency and low hysteresis balance bar. The special inlet fitting and 90Deg outlet allows for a compact installation without trapping air or restricting brake fluid flow. Optimum pull type cylinder design means that to use standard seal sizes and bore sizes, there would be a slight variation from standard cylinders. The sizes were also adjusted to give equal steps between the different sizes. The table shows the master cylinder part number and a bore size that would reflect a push type cylinder, the corrected bore size. The part number also reflects the cylinder size.

Corrected bore size for calculations	Master Cylinder		Repair Kits	
	AP Racing Part Number	Essex Part Number	AP Racing Part Number	Essex Part Number
0.587" 14.9mm	CP6467-149PRME:K	08 05 700	CP6467-149RK	08 05 760
0.638" 16.2mm	CP6467-162PRME:K	08 05 701	CP6467-162RK	08 05 761
0.681" 17.3mm	CP6467-173PRME:K	08 05 702	CP6467-173RK	08 05 762
0.740" 18.8mm	CP6467-188PRME:K	08 05 703	CP6467-188RK	08 05 763
0.795" 20.2mm	CP6467-202PRME:K	08 05 704	CP6467-202RK	08 05 764
0.835" 21.2mm	CP6467-212PRME:K	08 05 705	CP6467-212RK	08 05 765
0.858" 21.8mm	CP6467-218PRME:K	08 05 706	CP6467-218RK	08 05 766
0.882" 22.4mm	CP6467-224PRME:K	08 05 708	CP6467-224RK	08 05 767
0.933" 23.7mm	CP6467-237PRME:K	08 05 707	CP6467-237RK	08 05 768
1.000" 25.4mm	CP6467-254PRME:K	08 05 709	CP6467-254RK	08 05 769



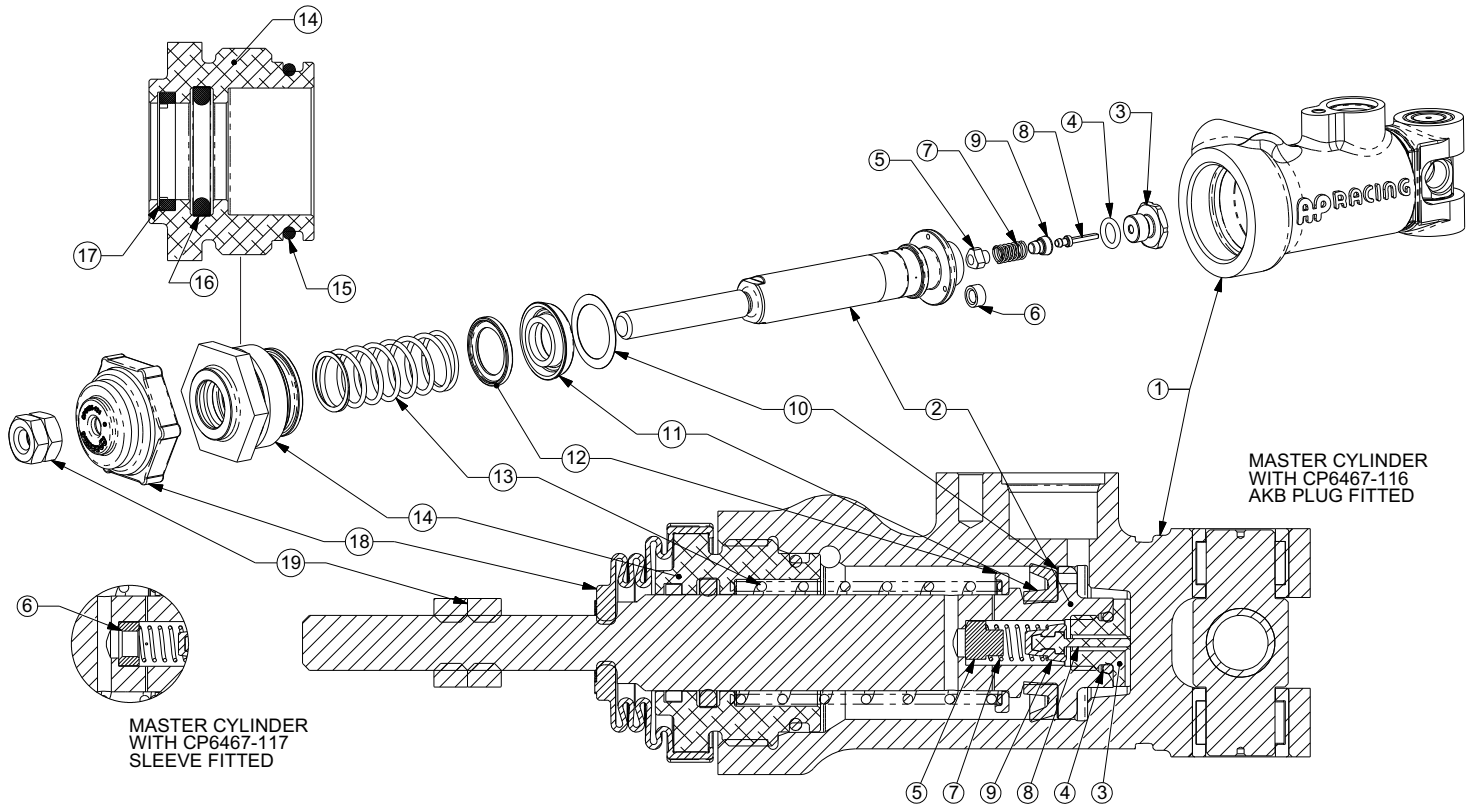
CP6465-10 (08 05 555) Inlet fitting.

This fitting is designed to the Goodridge G Line range of fittings and hoses. AP Racing recommends the 910 series hoses.

The inlet fitting kit must be purchased separately as it is not sold with the cylinder.

Hydraulics and Actuation Master Cylinder Repair Kits

CP6467



MASTER CYLINDER WITH CP6467-117 SLEEVE FITTED

MASTER CYLINDER WITH CP6467-116 AKB PLUG FITTED

Ref.	Description	Included in Repair Kit
1	Body	
2	Piston	
3	Valve Cap	
4	Valve Cap O-Ring	Yes
5	AKB Plug	Yes
6	Sleeve	Yes
7	Spring	
8	Valve Piston	
9	Valve Seal	Yes
10	Piston Washer	Yes
11	Primary Seal	Yes
12	Piston Stop	
13	Return Spring	
14	End Cap	
15	End Cap O-Ring	Yes
16	D-Ring Piston Seal	Yes
17	Slydring Bearing	Yes
18	Boot	
19	Locknut M8 x 1.25	

CP6467 Repair Kits			
Corrected bore size	Repair Kits		
	AP Racing Part Number	Essex Part Number	
0.587" 14.9mm	CP6467-149RK	08 05 760	
0.638" 16.2mm	CP6467-162RK	08 05 761	
0.681" 17.3mm	CP6467-173RK	08 05 762	
0.740" 18.8mm	CP6467-188RK	08 05 763	
0.795" 20.2mm	CP6467-202RK	08 05 764	
0.835" 21.2mm	CP6467-212RK	08 05 765	
0.858" 21.8mm	CP6467-218RK	08 05 766	
0.882" 22.4mm	CP6467-224RK	08 05 767	
0.933" 23.7mm	CP6467-237RK	08 05 768	
1.000" 25.4mm	CP6467-254RK	08 05 769	

The following parts are available as separate items			
Ref	Description	AP Racing Part Number	Essex Part Number
6	Sleeve	CP6467-117	08 05 751
8	Valve Piston	CP6467-116	08 05 750



Hydraulics and Actuation

High Efficiency Master Cylinders

CP6465 & CP7584

CP6465 Range - Use with CP5517 Pedal box

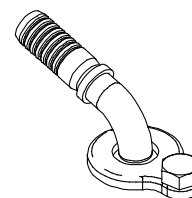


Technical Specification

Weight	0.80 Lbs	
Full stroke	1.00"	
Travel to cut off	0.019" to 0.033"	
Hydraulic Threads	M10 x 1.00	Outlet
	CP6465-10 fitting	Inlet
Pushrod	M8 x 1.25	Thread
	1.85"	Length

Corrected bore size for calculations	Master Cylinder		Repair Kits	
	AP Racing Part Number	Essex Part Number	AP Racing Part Number	Essex Part Number
0.587" 14.9mm	CP6465-149PRME	08 05 500	CP6465-149RK	08 05 560
0.638" 16.2mm	CP6465-162PRME	08 05 501	CP6465-162RK	08 05 561
0.681" 17.3mm	CP6465-173PRME	08 05 502	CP6465-173RK	08 05 562
0.740" 18.8mm	CP6465-188PRME	08 05 503	CP6465-188RK	08 05 563
0.795" 20.2mm	CP6465-202PRME	08 05 504	CP6465-202RK	08 05 564
0.835" 21.2mm	CP6465-212PRME	08 05 510	CP6465-212RK	08 05 570
0.858" 21.8mm	CP6465-218PRME	08 05 505	CP6465-218RK	08 05 565
0.933" 23.7mm	CP6465-237PRME	08 05 506	CP6465-237RK	08 05 566

This new range of master cylinders are of a pull type design rather than the push type configuration of a more conventional master cylinder. The compact design and pull type configuration eliminates unwanted side loads and dramatically increase the efficiency of the Master Cylinder. Designed into the back of the cylinder is a needle roller bearing clevis. This has been specifically designed to suit the AP Racing high efficiency and low hysteresis balance bar. The special inlet fitting and 90Deg outlet allows for a compact installation without trapping air or restricting brake fluid flow. Optimum pull type cylinder design means that to use standard seal sizes and bore sizes, there would be a slight variation from standard cylinders. The sizes were also adjusted to give equal steps between the different sizes. The table shows the master cylinder part number and a bore size that would reflect a push type cylinder, the corrected bore size. The part number also reflects the cylinder size.



CP6465-10 (08 05 555) Inlet fitting.

This fitting is designed to the Goodridge G Line range of fittings and hoses. AP Racing recommends the 910 series hoses. The inlet fitting kit must be purchased separately as it is not sold with the cylinder.

CP7854 Range - (Replaced CP5854) Use with CP5508 Pedal box



Bore Size	Master Cylinder		Repair Kits	
	AP Racing Part Number	Essex Part Number	AP Racing Part Number	Essex Part Number
5/8" (0.625") 15.8mm	CP7854-90PRTE	08 05 170	CP7855-90RK	08 05 180
0.70" 17.8mm	CP7854-91PRTE	08 05 171	CP7855-91RK	08 05 181
3/4" (0.750") 19.1mm	CP7854-92PRTE	08 05 172	CP7855-92RK	08 05 182
13/16" (0.812") 20.6mm	CP7854-93PRTE	08 05 173	CP7855-93RK	08 05 183
7/8" (0.875") 22.2mm	CP7854-94PRTE	08 05 174	CP7855-94RK	08 05 184
15/16" (0.937") 23.8mm	CP7854-95PRTE	08 05 175	CP7855-95RK	08 05 185
1.00" 25.4mm	CP7854-96PRTE	08 05 176	CP7855-96RK	08 05 186

Technical Specification

Weight		
Full stroke	1.00"	
Travel to cut off	0.019" to 0.033"	
Hydraulic Threads	3/8" x 24UNF	Outlet
	7/16" x 20UNF	Inlet
Pushrod	5/16" x 24UNF	Thread

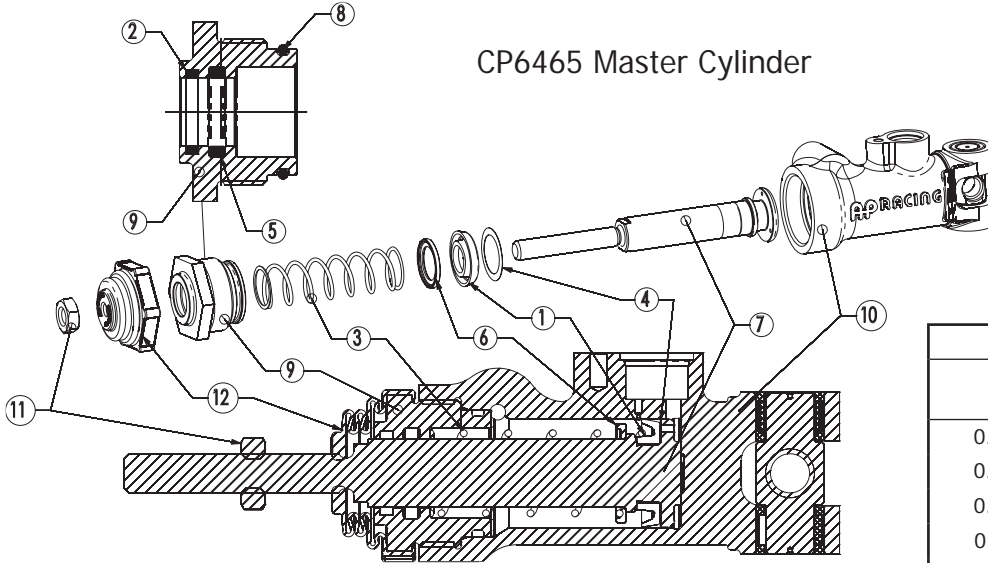
CP7854 is a new high efficiency single circuit strut type master cylinder that features a needle roller bearing clevis mounting enabling it to fit directly onto the AP Racing High Efficiency balance bars as featured in the CP5805-1 pedal box. The cylinders are individually shimmed during manufacture to ensure minimum pedal travel.

NB: The CP7854 range has replaced the CP5845 range of cylinders. The cylinders are interchangeable with the only difference being the snap ring and O Ring seal, therefore the repair kits will be different. See following page for repair kit details.

Hydraulics and Actuation Master Cylinder Repair Kits CP6465 & CP7854



Ref.	Description	Included in Repair Kit
1	Primary Cup Seal	Yes
2	Slydring Bearing	Yes
3	Return Spring	No
4	Piston Washer	Yes
5	Piston Seal	Yes
6	Piston Stop	No
7	Piston	No
8	O Ring Cap Seal	Yes
9	End Cap	No
10	Body	No
11	Locknut M8 x 1.25	No
12	Boot	No



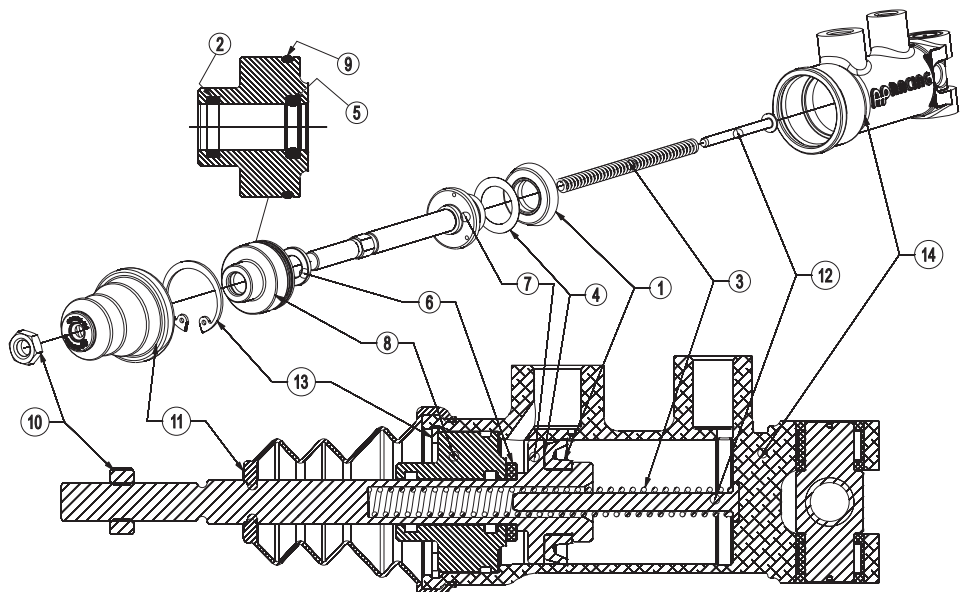
CP6465 Master Cylinder

CP6465 Repair Kits			
Bore Dia		AP Racing Part Number	Essex Part Number
0.587"	14.9mm	CP6465-149RK	08 05 560
0.638"	16.2mm	CP6465-162RK	08 05 561
0.681"	17.3mm	CP6465-173RK	08 05 562
0.740"	18.8mm	CP6465-188RK	08 05 563
0.795"	20.2mm	CP6465-202RK	08 05 564
0.858"	21.8mm	CP6465-218RK	08 05 565
0.933"	23.7mm	CP6465-237RK	08 05 566

Bore Size	CP7854 Repair Kits		CP5845 Repair Kits	
	AP Racing Part Number	Essex Part Number	AP Racing Part Number	Essex Part Number
5/8" (0.625") 15.8mm	CP7855-90RK	08 05 200	CP5854-90RK	08 05 180
0.70" 17.8mm	CP7855-91RK	08 05 201	CP5854-91RK	08 05 181
3/4" (0.750") 19.1mm	CP7855-92RK	08 05 202	CP5854-92RK	08 05 182
13/16" (0.812") 20.6mm	CP7855-93RK	08 05 203	CP5854-93RK	08 05 183
7/8" (0.875") 22.2mm	CP7855-94RK	08 05 204	CP5854-94RK	08 05 184
15/16" (0.937") 23.8mm	CP7855-95RK	08 05 205	CP5854-95RK	08 05 185
1.00" 25.4mm	CP7855-96RK	08 05 206	CP5854-96RK	08 05 186

CP7854 (5845) Master Cylinder

Ref.	Description	Included in Repair Kit
1	Primary Cup Seal	Yes
2	Slydring Bearing	Yes
3	Return Spring	No
4	Piston Washer	Yes
5	Piston Seal	Yes
6	Cut off Shim	No
7	Piston	No
8	End Cap	No
9	O Ring Cap Seal	Yes
10	Locknut 5/16" UNF	No
11	Boot	Yes
12	Spring Guide Pin	No
13	Circlip	Yes
14	Body	No



CP2623 Master Cylinder Range

CP2623 is a compact standard master cylinder suitable for all brake and clutch applications especially where space is restricted. The cylinder features lightweight aluminium alloy body with a standard flange mount with 2.25" mounting centres. All cylinders are individually shimmed during manufacture to reduce pedal travel and can be ordered with a short or extra short travel to cut off. The range covers cylinder bore sizes from 0.625" to 1.00"

Technical Specification: -

Weight	0.66 Lbs	
Full stroke	1.00"	
Travel to cut off	0.027" to 0.043"	(Standard)
	0.019" to 0.025"	(Extra short)
Hydraulic Threads	3/8" x 24UNF	Outlet
	7/16" x 20 UNF	Inlet
Pushrod	5/16" UNF	Thread
	4.50"	Length

Bore Size		Master Cylinder		Repair Kits	
		AP Racing Part Number	Essex Part Number	AP Racing Part Number	Essex Part Number
5/8" (0.625")	15.8mm	CP2623-90PRT115	08 05 151	CP2623-90RK	08 05 301
0.70"	17.8mm	CP2623-91PRT115	08 05 152	CP2623-91RK	08 05 302
3/4" (0.750")	19.1mm	CP2623-92PRT115	08 05 153	CP2623-92RK	08 05 303
13/16" (0.812")	20.6mm	CP2623-93PRT115	08 05 154	CP2623-93RK	08 05 304
7/8" (0.875")	22.2mm	CP2623-94PRT115	08 05 155	CP2623-94RK	08 05 306
15/16" (0.937")	23.8mm	CP2623-95PRT115	08 05 156	CP2623-95RK	08 05 307
1.00"	25.4mm	CP2623-96PRT115	08 05 157	CP2623-96RK	08 05 308



NB Add suffix 'E' to part number for Extra short cut off version

CP6093 Master Cylinder Range

CP6093 is a standard master cylinder suitable for most brake and particularly clutch applications, providing a full 1.25" of stroke. The cylinder features lightweight aluminium alloy body with a standard flange mount with 2.25" mounting centres. The cylinders have a short travel to cut off. The range covers cylinder bore sizes from 0.625" to 1.00"

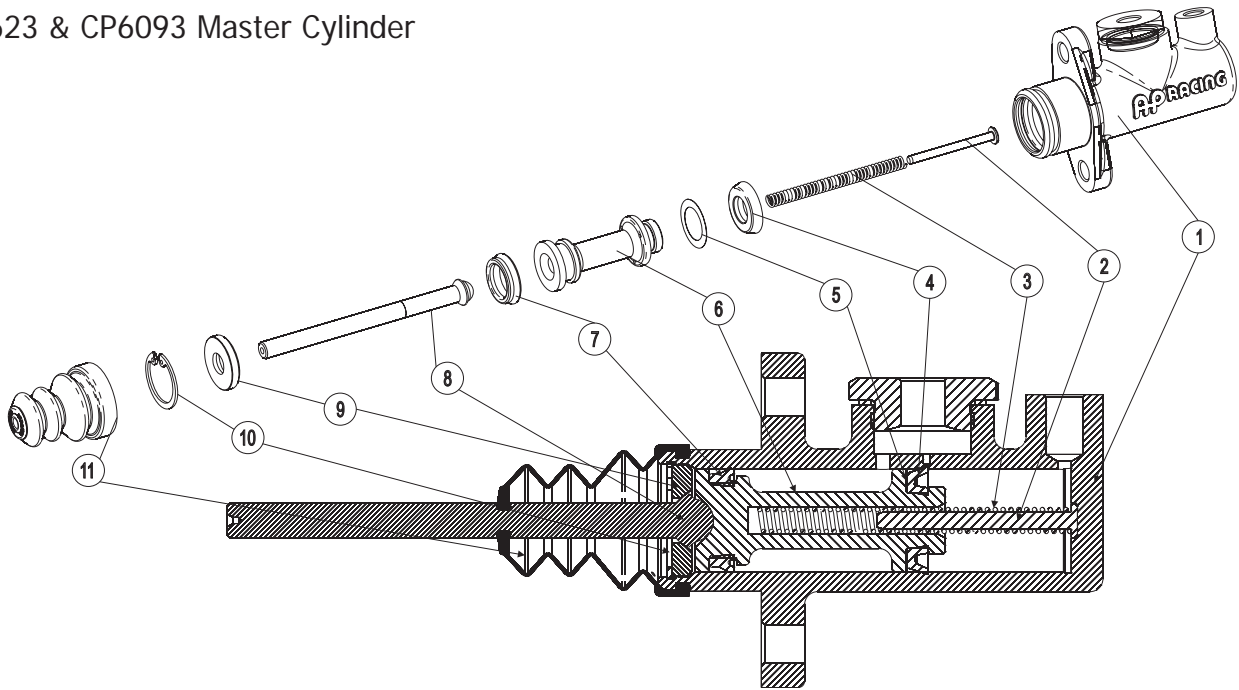
Technical Specification: -

Weight	0.88 Lbs	
Full stroke	1.25"	
Travel to cut off	0.027" to 0.043"	
Hydraulic Threads	3/8" x 24UNF	Outlet
	7/16" x 20 UNF	Inlet
Pushrod	5/16" UNF	Thread
	4.33"	Length

Bore Size		Master Cylinder		Repair Kits	
		AP Racing Part Number	Essex Part Number	AP Racing Part Number	Essex Part Number
5/8" (0.625")	15.8mm	CP6093-90PRT110	08 05 600	CP2623-90RK	08 05 301
0.70"	17.8mm	CP6093-91PRT110	08 05 601	CP2623-91RK	08 05 302
3/4" (0.750")	19.1mm	CP6093-92PRT110	08 05 602	CP2623-92RK	08 05 303
13/16" (0.812")	20.6mm	CP6093-93PRT110	08 05 603	CP2623-93RK	08 05 304
7/8" (0.875")	22.2mm	CP6093-94PRT110	08 05 604	CP2623-94RK	08 05 306
15/16" (0.937")	23.8mm	CP6093-95PRT110	08 05 605	CP2623-95RK	08 05 307
1.00"	25.4mm	CP6093-96RTT110	08 05 606	CP2623-96RK	08 05 308



CP2623 & CP6093 Master Cylinder



Re Build Procedure

1. Remove rubber boot (11) and circlip (10)
2. Carefully remove internal components
3. Replace the following. (Making sure all seals have been lubricated with Brake Fluid).
 - a. Primary seal (4)
 - b. Piston washer (5)
 - c. Secondary seal (7)

Care must be taken when assembling seals as damage maybe caused

4. Check bore is free from debris
5. Lubricate bore with Brake Fluid
6. Reassemble internal components into body
7. Use new circlip (10) to secure internal components and new boot to protect from debris (11)

NOTE: - A full master cylinder rebuild service (including pressure check and travel to cut off check) is available from Essex Parts Service

Ref.	Description	Included in Repair Kit
1	Body	No
2	Spring Guide Pin	No
3	Return Spring	No
4	Primary Seal	Yes
5	Piston Washer	Yes
6	Piston	No
7	Secondary Seal	No
8	Push Rod	No
9	Piston Stop Washer	No
10	Circlip	Yes
11	Boot	Yes

CP2623 & CP6093 Repair Kits			
Bore Size		AP Racing Part Number	Essex Part Number
5/8" (0.625")	15.8mm	CP2623-90RK	08 05 301
0.70"	17.8mm	CP2623-91RK	08 05 302
3/4" (0.750")	19.1mm	CP2623-92RK	08 05 303
13/16" (0.812")	20.6mm	CP2623-93RK	08 05 304
7/8" (0.875")	22.2mm	CP2623-94RK	08 05 306
15/16" (0.937")	23.8mm	CP2623-95RK	08 05 307
1.00"	25.4mm	CP2623-96RK	08 05 308



CP2293-143

A large capacity reservoir that screws directly into master cylinder with 7/16" UNF thread. The reservoir has an offset outlet for ease of installation. The reservoir is supplied with a rubber bellow which helps prevent entry of moisture and dirt and prevents spillage. Vol 13.4 in³

CP2293-143 (08 05 405)
With bellow



CP4709-15, -14 & -13

A small diameter (Dia 1.75") plastic reservoir with a central outlet, screws directly into master cylinder inlet. This range has a choice of three capacities. Bellows are available separately.

CP4709-15 (08 05 403)
Height 7.0" Vol 9.8 in³
CP4709-14 (08 05 400)
Height 5.0 Vol 6.4 in³
CP4709-13 (08 05 401)
Height 3.5" Vol 3.5 in³
CP2709-156 (08 05 435)
Rubber Bellow



CP2293-162 & -163

An extra large capacity reservoir that screws directly into master cylinder with 7/16" UNF thread. Available in either a central or offset outlet design and is supplied with the appropriate fitting. Reservoirs come with rubber bellows to prevent entry of moisture and dirt and helps prevent spillage. Vol 20.7 in³

CP2293-162 (08 05 427)
Offset outlet
CP2293-163 (08 05 428)
Central outlet



CP2293-173
08 05 436

Large Bellows

Use with cap ref 3847-246 on all the following reservoirs: - CP2293-162, -163 Replaces CP2293-166



CP2293-174
08 05 410

Medium Bellows

Use with cap ref 3847-246 on all the following reservoirs: - CP2293-141, -143, -69 CP2293-85 / 4342-355 CP4623-7, -8, -9, -10



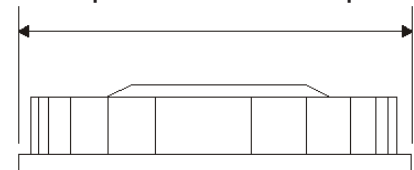
CP2709-156
08 05 435

Small Bellows

Use with cap ref LBNM9057AXBR on all CP4709 series reservoirs

IMPORTANT NOTE:
When fitting new bellows CP2293-173 (supercedes CP2293-166) & CP2293-174 (supercedes CP2293-48) to old 4325-148 cap assembly the plastic insert and rubber seal must be removed from the cap. New cap 3847-246.

Replacement Reservoir Cap



3.50"
Large diameter reservoir cap
4325-148 08 05 417



7/16" UNF

0.70"

CP2623-30
08 05 412

Remote push on fitting
Screws directly into standard mastercylinder inlet, allowing the use of remote reservoir. Nipple to suit 5/16" ID hose

1.22"

7/16" UNF

CP2623-41
08 05 413

Remote push on banjo fitting
Screws directly into standard mastercylinder inlet, allowing the use of remote reservoir. Nipple to suit 5/16" ID hose

3/8" x 24 UNF

7/16" UNF

CP2623-167
08 05 415

Adaptor
For attaching either a small dia. reservoir or extra large capacity reservoir directly into AP Racing master cylinders.

For use with CP4709 type reservoirs

CP4709-105
08 05 418
7/16" UNF thread

CP4709-107
08 05 419
Push on adaptor

Reservoir Hose

0.56"

0.31"

Length

Length 12" CP6614-103 08 05 440
Length 24" CP6614-106 08 05 441
Length 72" CP6614-102 08 05 442
Length 78" CP6614-105 08 05

3/8" x 24 UNF (AN 3)

M10 x 1.0

CP2554-108
12 592032

Adaptor
For use with AP Racing proportioning valves

1/2 x 20" UNF

7/16" x 20 UNF

CP2293-4
08 05 414

Adaptor
For attaching large capacity reservoir directly to AP Racing master cylinder

Description	Part #	A	B	C
Small Copper Gasket, use with 3/8" or 10mm fitting	12 02011	.56"	.41"	.08"
Medium Copper Gasket use with 7/16" fitting	08 05 431	.69"	.44"	.064"

Replacement Push Rod - Std Cylinder

CP2142-13 08 05 416 6.30" master cylinder push rod
CP2142-1 08 05 479 4.30" master cylinder push rod

Caliper & Bracket Shims

Stainless shims for spacing caliper & bracket. Sold separately or as a kit.

Description	Part #
0.010" shim	19 04 130
0.030" shim	19 04 131
0.050" shim	19 04 132
0.085" shim	19 04 133
0.095" shim	19 04 134
0.115" shim	19 04 135
0.120" shim	19 04 136
Shim kit 2 off each size	19 04 137



Hydraulics and Actuation Proportioning Valve

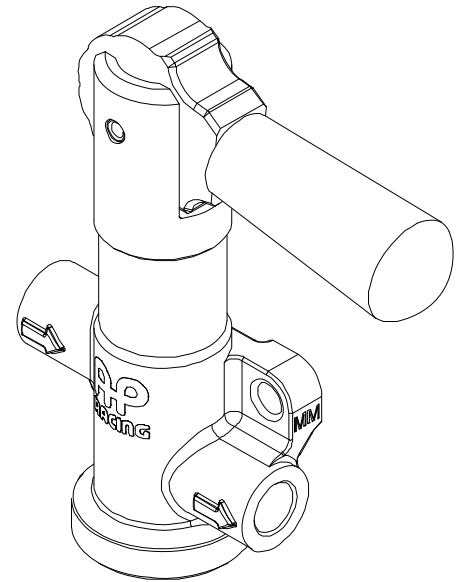
The lever type proportioning valves CP3550-13 and CP3550-15 provides the driver with 7 distinct settings from which to produce the most suitable braking ratio. To obtain the best performance using this valves, the brake balance should be biased towards the rear so that with the valve piped in to the rear line and set in position 7 where virtually no reductions occurs, the balance is as much to the rear as will ever be needed. Moving the control lever to a lower setting will progressively reduce the rear line pressure giving more bias to the front, for use when more grip is available.

- CP3550-13** Lever Type - Standard Range
- CP3550-15** Lever Type - Lower range of proportioning pressure.
- CP3550-14** Screw type - Offering infinite adjustment over the range of operation.

Nominal Ratio of 0.325.
Weight = 180g approx.

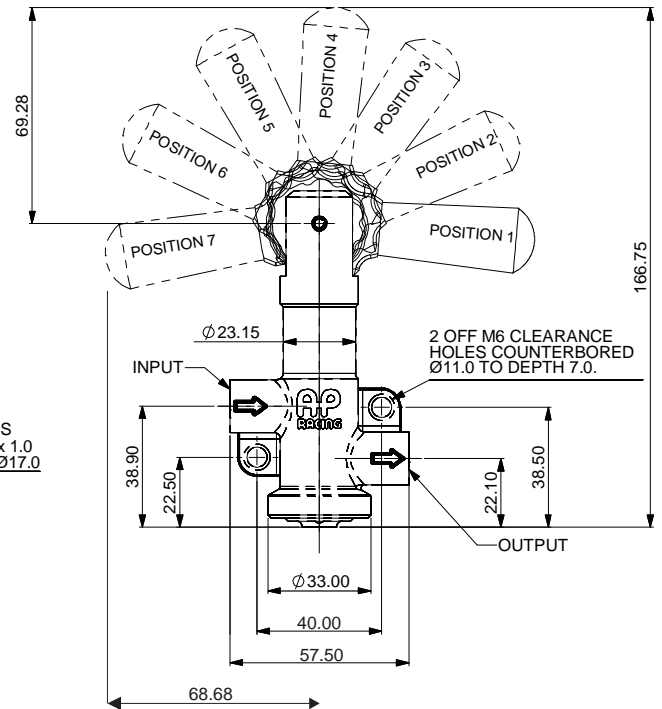
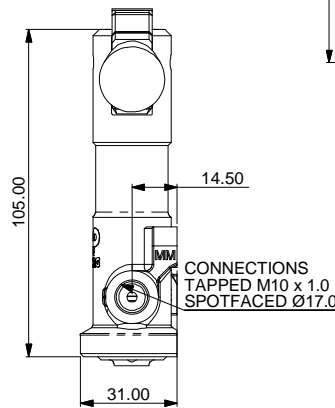
Note:-
This proportioning valves is suitable for use with any brake fluid that conforms to DOT 3, DOT 4 or DOT 5.1 standards, but best all round performance will be achieved with AP Racing brake fluid.

Warning
Due to internal adjustments set by AP Racing, do not strip these assemblies. Do NOT attempt any modification of these valves. Strictly for competition use only.

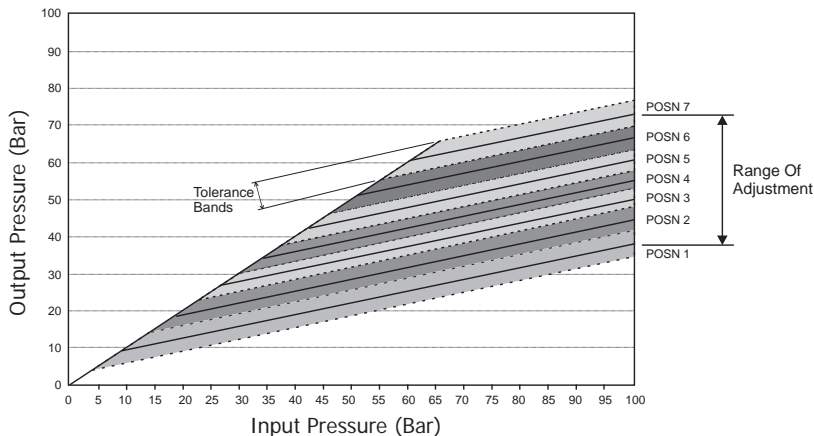


AP Racing Reference: - **CP3550-13**
Essex Reference: - **08 05 422**

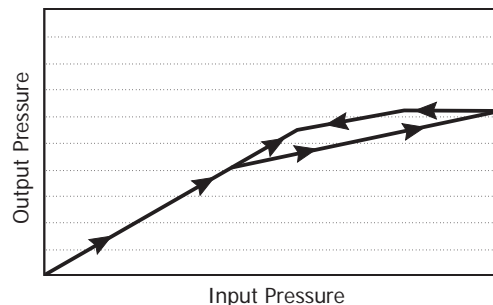
Output Pressure With 100 bar Input Pressure			
Posn	Nom	Min	Max
1	38.0	34.5	41.5
2	44.5	41.5	47.5
3	50.0	47.5	52.5
4	55.0	52.5	57.5
5	60.5	57.5	63.5
6	66.5	63.5	69.5
7	73.0	69.5	76.5



VALVE SETTINGS CHART WITH TOLERANCES



TYPICAL VALVE PERFORMANCE

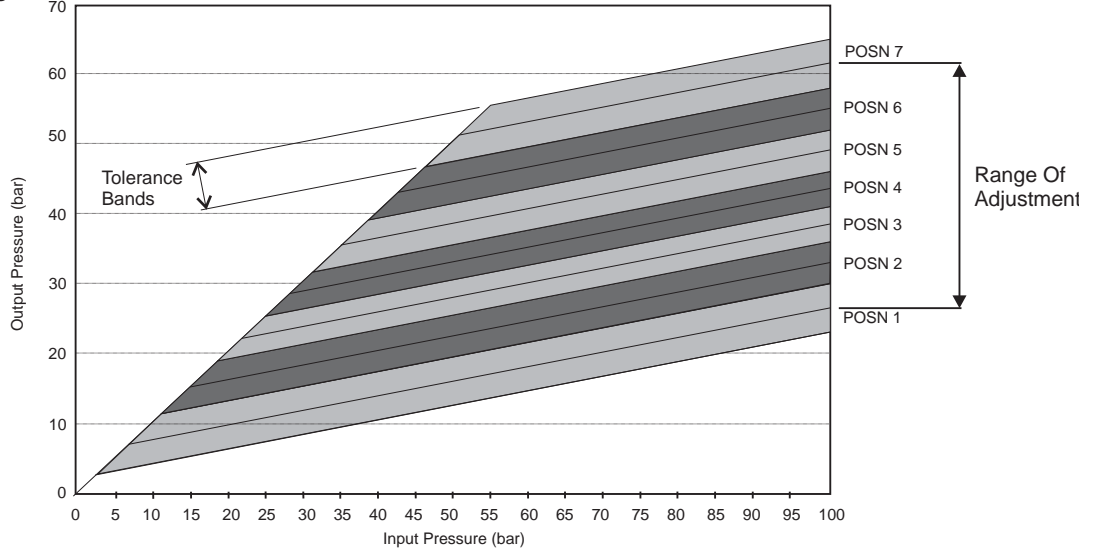


Hydraulics and Actuation Proportioning Valve

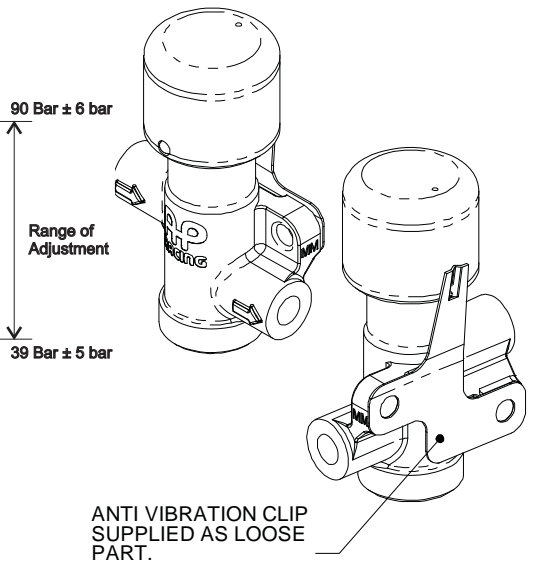
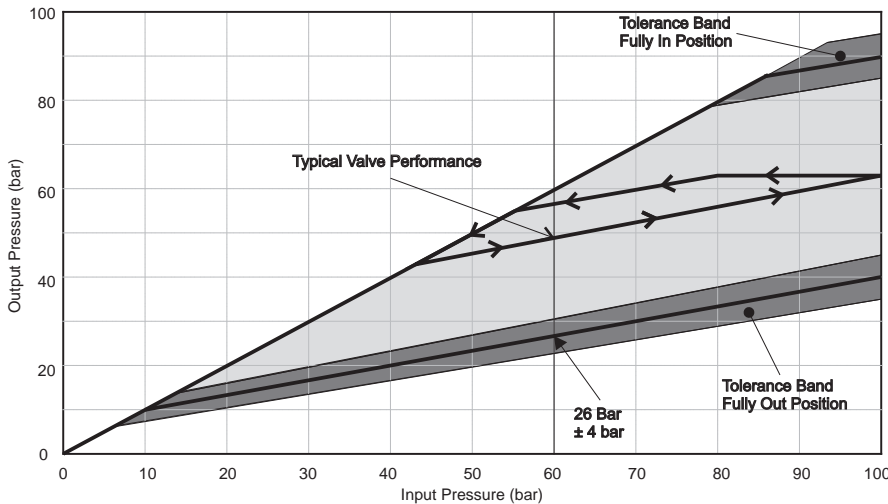
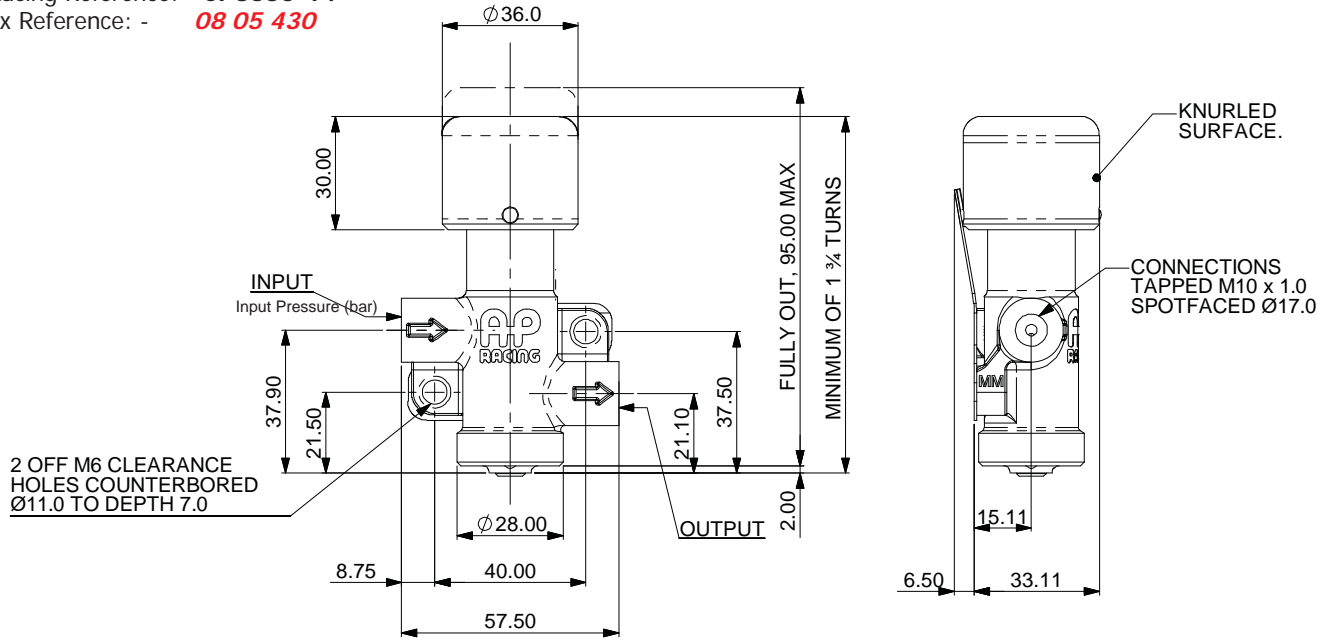


AP Racing Reference: - **CP3550-15**
 Essex Reference: - **08 05 437**

Output Pressure With 100 bar Input Pressure			
Posn	Nom	Min	Max
1	26.5	23.0	30.0
2	33.0	30.0	36.0
3	38.5	36.0	41.0
4	43.5	41.0	46.0
5	49.0	46.0	52.0
6	55.0	52.0	58.0
7	61.5	58.0	65.0



AP Racing Reference: - **CP3550-14**
 Essex Reference: - **08 05 430**





Hydraulics and Actuation Brake Fluid



Radi-CAL™ R4 Racing Fluid CP7005 15 601644

Typical new dry boiling point **644°F**

The NEW R4 Radi-CAL™ Racing Brake Fluid has been designed to perform better than any other product at the extremes of heavy duty braking performance in top levels of racing. With the highest dry boiling point of any racing brake fluid currently available, at 644°F, R4 stands alone. R4 has outstanding resistance to vapour lock / pedal fade under the most exacting conditions. A higher vapour lock point means a firmer brake pedal at the extremes of brake temperatures. Enhanced lubricity, means this fluid is an even better lubricant than PRF660 itself a market leader.

Note: R4 can be mixed with DOT3 and DOT4 racing brake fluids but for maximum product performance the brake system should be thoroughly purged with R4 fluid.



Radi-CAL™ R3 - Racing Fluid - CP5660 15 601608

(PRF660, Re-branded as Radi-CAL™ R3 - Silver bottle & Yellow cap)

Typical new dry boiling point **617°F**

R3 has advanced moisture resistance properties, low levels of viscosity (for ease of bleeding), low levels of compressibility and meets DOT4 specifications.

R3 is suitable for all top levels of motorsport where abnormal temperatures are experienced. It should be noted that before using R3 fluid, any existing brake fluid should be drained completely from the brake system.

The system should be thoroughly purged with new R3 and can be filled completely with new R3.

NOTE

With the introduction of an inhibitor R3 can now be used with magnesium components.



Radi-CAL™ R2 Racing Fluid - CP5600 15 601600

(600 Re-branded as Radi-CAL™ R2 - Silver bottle with Blue cap).

Typical new dry boiling point **600°F**

R2 fluid has a dry boiling point of 600 degF and has been developed for racing applications where high temperatures are being experienced, e.g. when using carbon discs and the ultimate in brake fluid performance is required.

It should be noted that before using R2 fluid, any existing brake fluid should be drained completely from the brake system. The system should be thoroughly purged with new R2 and can be filled completely with new R2 fluid.

Section 4 Clutch Systems

7.25" Triple Plate Clutch System

CP8493



Clutch Features

- 7¼" (184mm) Triple Plate
- Light weight - Low MOI
- New 'Internal Drive' Configuration eliminates floater plate jamming from heat distortion
- Open design for improved cooling
- Plate geometry and material selection Specifically address heat management
- Improved modulation
- Accepts 44mm contact bearing
- Standard installation
- Individual serial number



Driven Plate Features

- Std Back to Back or New Gear Drive driven plate options
- Gear Drive features a single hub driving the three discs reducing input shaft wear and minimizing losses from misalignment
- 1 5/32" x 26 and 1 1/4" x 29 Spline options
- 12 rivets per disc for maximum connection strength between the hub and friction disc
- Latest sintered friction material

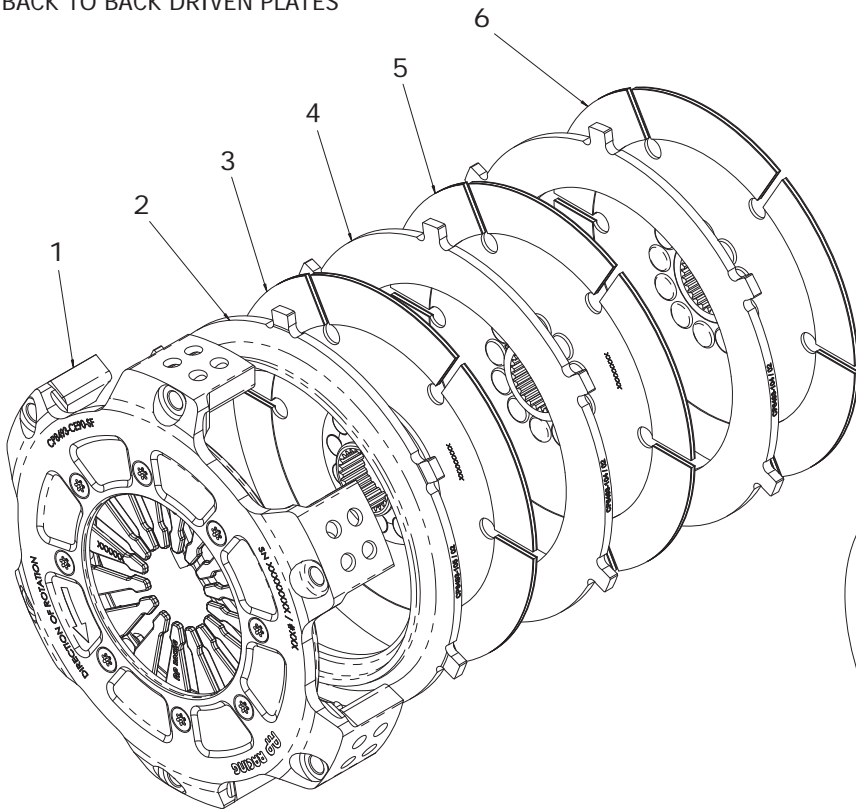
Hydraulic Release Bearing Features

- Lightweight
- Standard Installation
- 0.470" Stroke
- Positive Travel Stop
- Dust Wiper Seal
- Hydraulic Connections 3/8" x 24UNF convex seat
- Pistons of different lengths and strokes will be made available as required
- Individual Serial Number

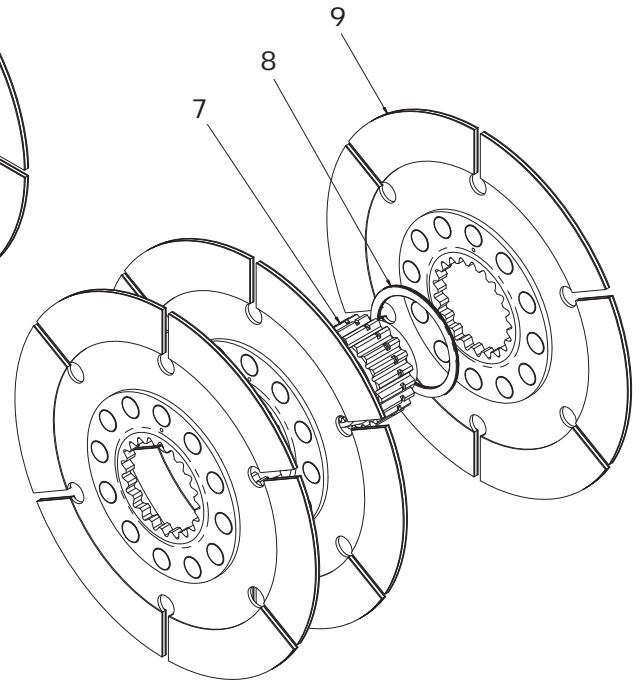


Part: -	AP Racing Part Ref	Essex Part Ref	Description	Weight
Clutch Assembly	CP8493-CE90-SF	19 10 100	7.25" Triple Plate Clutch Assembly (Less driven plates)	5.99 Lbs
Driven Plate	CP8495-10	19 10 120	BTB Driven Plate pack - 1 5/32" x 26 Spline	3.26 Lbs
	CP8495-11	19 10 122	BTB Driven Plate pack - 1 1/4" x 29 Spline	
	CP8496-15	19 10 130	GD Driven Plate Pac only (3 GD Plates)	3.26 Lbs
	CP8496-2	19 10 133	Gear Drive Hub - 1 5/32" x 26 Spline	0.45 Lbs
	CP8496-3	19 10 134	Gear Drive Hub - 1 1/4" x 29 Spline	
Slave Cylinder	CP8490-1244	19 10 150	Hydraulic Slave Cylinder Assembly	0.83 Lbs
	CP8490-15	19 10 165	Slave Cylinder Seal Kit	
	CP8490-16	19 10 166	Slave Cylinder Bearing Kit	

BACK TO BACK DRIVEN PLATES



GEAR DRIVE DRIVEN PLATES



CLUTCH ASSEMBLY COMPONENT DESCRIPTION				
Ref	Description	Qty	AP Ref	Essex Ref
1	Cover Assembly	1	CP8493-11	
2	Main Pressure Plate	1	CP8493-105	
3	Driven Plate (Pressure Plate Side)	1	See Driven Plate Reference Below	
4	Intermediate Pressure Plate	2	CP8493-104	
5	Driven Plate (Centre)	1	See Driven Plate Reference Below	
6	Driven Plate (Flywheel Side)	1	See Driven Plate Reference Below	
7	Gear Drive Hub	1	See Driven Plate Reference Below	
8	Retaining Ring	1	CP6174-128	
9	Gear Drive Driven Plate	3	See Driven Plate Reference Below	

DRIVEN PLATE KIT REFERENCE					
Description	Spline Size	Drive Type	Kit includes (Drg Refs from above)	AP Ref	Essex Ref
Driven Plate Kit - BTB	1 5/32" x 26	Back to Back	Refs - 3, 5, 6	CP8495-10	19 10 120
Driven Plate Kit - BtB	1 1/4" x 29	Back to Back	Refs - 3, 5, 6	CP8495-11	19 10 122
Driven Plate Kit - Gear Drive	NA	Gear Drive	Ref - 9 (3 off)	CP8496-15	19 10 130
Gear Drive Hub	1 5/32" x 26	Gear Drive	Ref - 7	CP8496-2	19 10 133
Gear Drive Hub	1 1/4" x 29	Gear Drive	Ref - 7	CP8496-3	19 10 134

CP8493 CLUTCH FAMILY

MAXIMUM DYNAMIC TORQUE CAPACITY					
(Nm)	1525	1272	798	978	978
(ft. lb)	1124	937	588	721	721
RELEASE LOAD					
Max Peak New (N)	4000	3500	2400	4000	3500
Max Peak Worn (N)	5100	4400	3300	5100	4400
WEAR IN (See Note)					
	1.00	0.75	0.75	1.50	0.75
Set Up Height New	37.57	37.03	36.84	37.10	36.61
Set Up Height Worn - MAX	33.76	33.24	33.05	33.91	33.42
(Set Up Height is calculated from the flywheel friction face.)					
Release Ratio	4.51	4.51	4.51	3.78	3.78
Mass and Inertia					
Estimated Assembly Mass including DP's	Cushion Assembly			None Cushion Assembly	
Estimated Assembly Inertia including DP's	4.35 kg			4.19 kg	
Estimated Driven Plate Inertia (Back to Back Type) = 0.005366 Kg.m ²	0.02399 Kg.m ²			0.02289 Kg.m ²	

PERFORMANCE SUFFIX	TE	CE	OE	TH	CH
For Reference					
Diaphragm Spring Rate	TGY	CRV	ORA	TGY	CRV
Clutch Ratio	EHR	EHR	EHR	HIR	HIR

MATERIAL SUFFIX	DRIVEN PLATE MATERIAL	DRIVEN PLATE THICKNESS
90	SINTERED	2.63mm

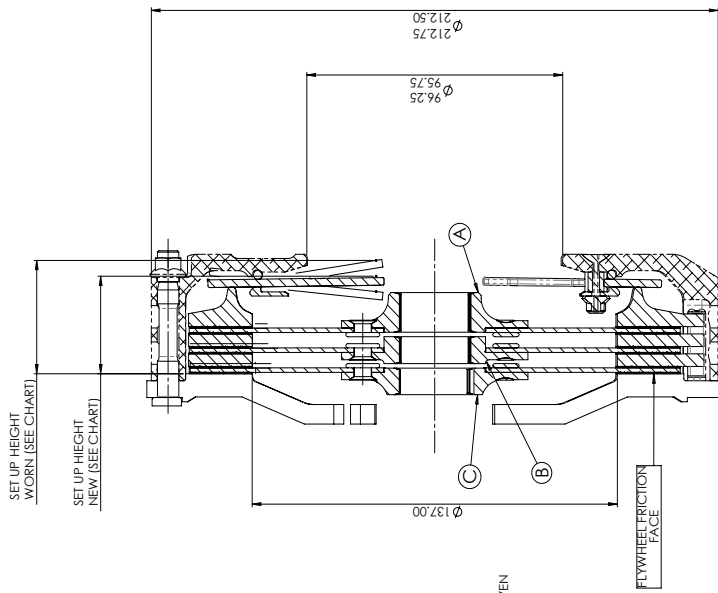
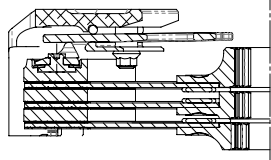
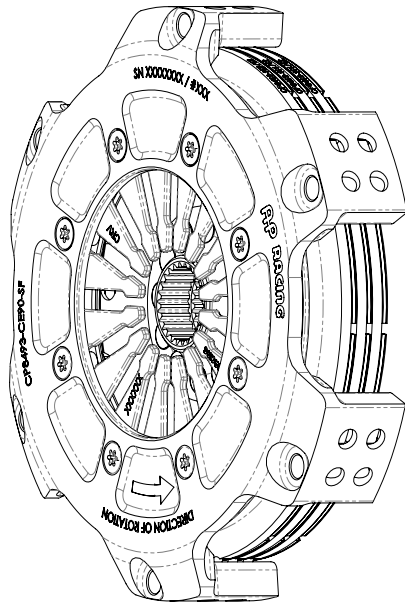
ASSEMBLY TYPE		SUFFIX	COMMENTS
CUSHION ASSEMBLY	SP	SP	SEE SHEET 2 FOR DETAILS
NONE CUSHION ASSEMBLY	SF	SF	

Sample AP Racing Part No. **CP8493-CE90-SP**

WEAR IN
 THIS CLUTCH HAS BEEN DESIGNED FOR THE WEAR IN INDICATED ABOVE.
 DRIVEN PLATE THICKNESS NEW: 2.63mm MIN
 DRIVEN PLATE THICKNESS WORN: 2.00mm MIN

DRIVEN PLATES AVAILABLE WITH THE FOLLOWING SPLINE SIZES				
SPLINE	DRIVEN PLATE A (x1)	DRIVEN PLATE B (x1)	DRIVEN PLATE C (x1)	DRIVEN PLATE D (x3)
1 5/32" x 26T	CP8495-1FM3	CP8495-2FM3	CP8495-3FM3	CP8495-3FM3
1 1/4" x 29T	CP8495-4FM3	CP8495-5FM3	CP8495-6FM3	CP8495-6FM3
EXTENDEND SPLINE	HUB ASSEMBLY (x1)	DRIVEN PLATE DISC (x 3)		
1 5/32" x 26T	CP8496-2	CP8496-1FM3		
1 1/4" x 29T	CP8496-3			

CP8493 - Ø184mm (7.25") TRIPLE PLATE CLUTCH ASSEMBLY



SEE SHEET 2 FOR EXTENDED HUB DRIVEN PLATE OPTION

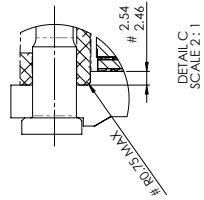
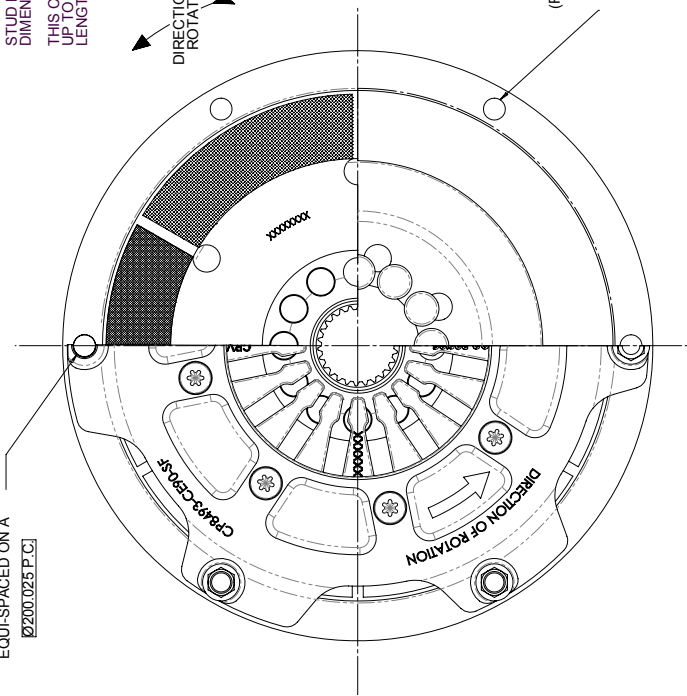
DIRECTION OF RELEASE TRAVEL

RELEASE TRAVEL TO BE LIMITED TO 5.50mm MAXIMUM

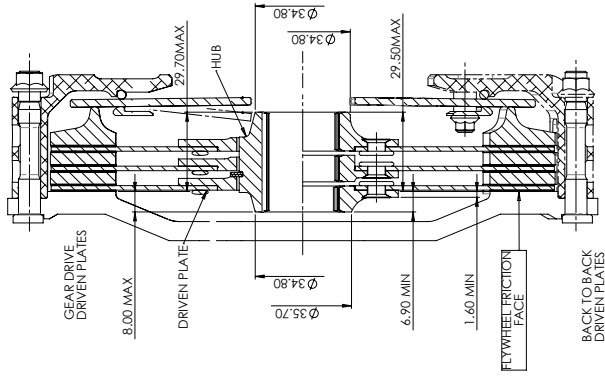
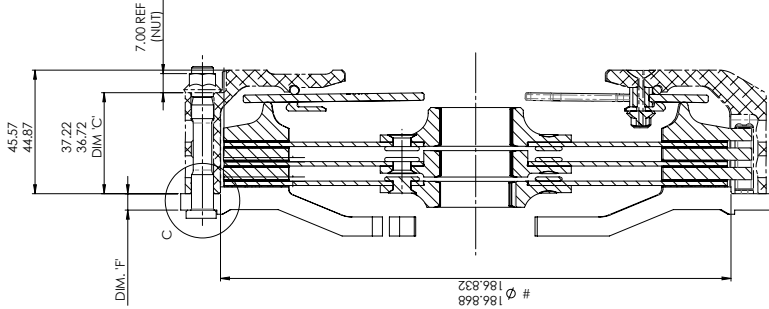
RECOMMENDED CLUTCH MOUNTING :
 (FOR ALL TYPES OF ASSEMBLY)
 M8 x 1.0 CP4702 FAMILY STUD AND
 K-LOCK NUT
 TIGHTENING TORQUE : 22Nm (16 ft. lb)
 LENGTH OF STUD REQUIRED TO BE
 CALCULATED THUS :

STUD LENGTH =
 DIMENSIONS 'C' + F + (R' OPTIONAL) + (S' OPTIONAL) + NUT
 THIS CALCULATED LENGTH TO BE ROUNDED
 UP TO THE NEXT AVAILABLE STANDARD STUD
 LENGTH.

6 COVER HOLES Ø8.15/Ø.05
 EQUI-SPACED ON A
 Ø200.025 P.C.



(RECOMMENDED FOR CP4702 STUDS)
 # 6 STUD MOUNTING HOLES
 Ø8.020/Ø.005
 EQUI-SPACED ON A
 Ø200.025 P.C.

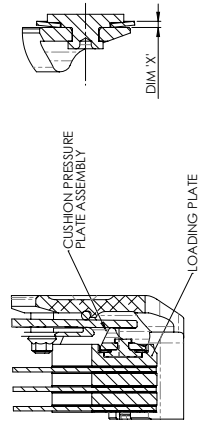


SPLINE POSITIONS
 FROM THE FLYWHEEL
 FRICTIONFACE

BACK TO BACK
 DRIVEN PLATES

FLYWHEEL FRICTION
 FACE

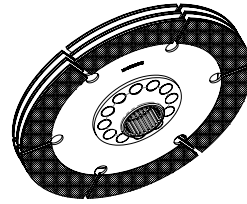
OPTIONAL CUSHION DETAIL
 CONTACT AP RACING FOR DETAILS



CUSHIONING REPLACEMENT CRITERIA

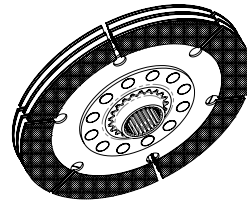
WITH TIME AND USE THE CUSHIONING EFFECT WILL DETERIORATE
 AND COMPONENTS SHOULD BE SERVICED WITH THE ABOVE KIT
 WHEN EITHER THE BELLETTES BECOME LOOSE OR WHEN
 DIMENSION 'X' FALLS BELOW 1.00. TAKEN AS THE AVERAGE OF 4
 EQUALLY SPACED MEASUREMENTS AROUND THE CIRCUMFERENCE OF
 THE BELLETTES.

THIS TYPE OF ASSEMBLY IS SUPPLIED COMPLETE FROM AP RACING.
 SERVICE IS LIMITED TO THE FITMENT OF FULCRUM RING SHIMS TO
 COMPENSATE FOR CLUTCH WEAR.



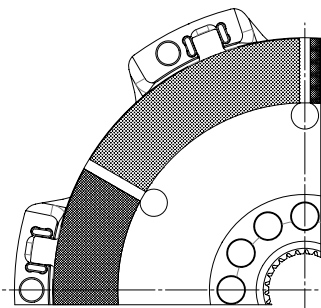
BACK TO BACK TYPE DRIVEN PLATES
 (1/2)

INERTIA - SEE SHEET 1, TABLE



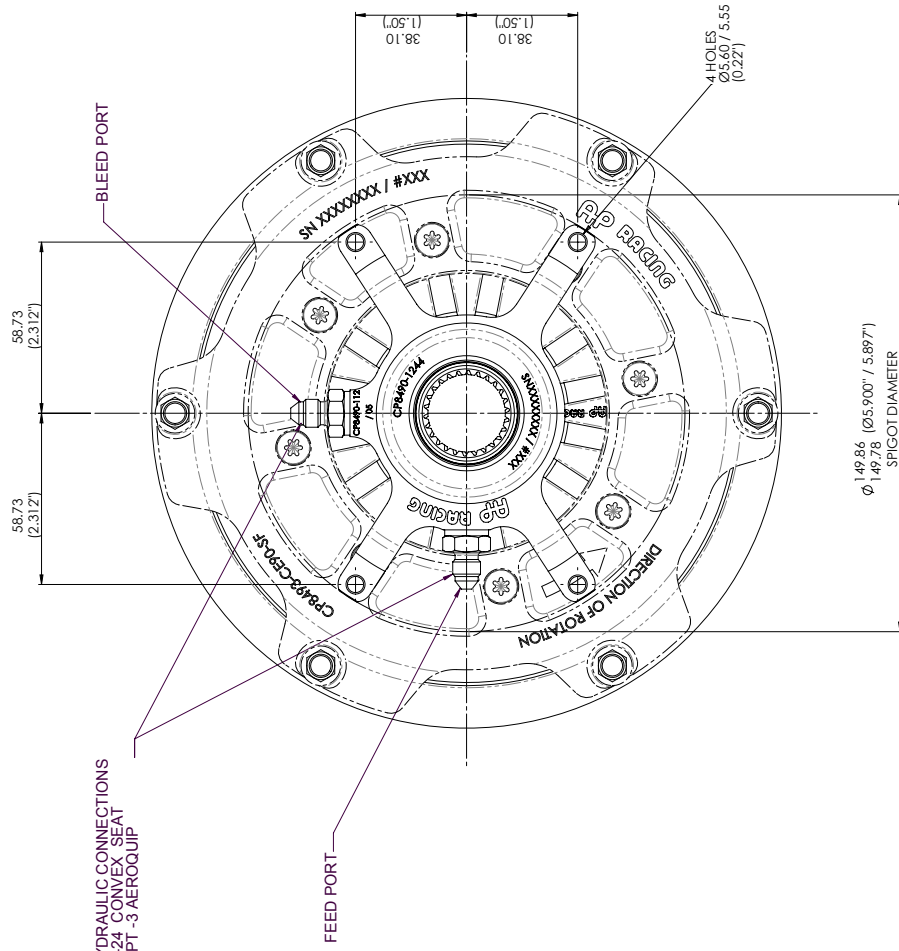
GEAR DRIVE TYPE DRIVEN PLATES
 (1/2)

INERTIA = 0.005421 kg.m²

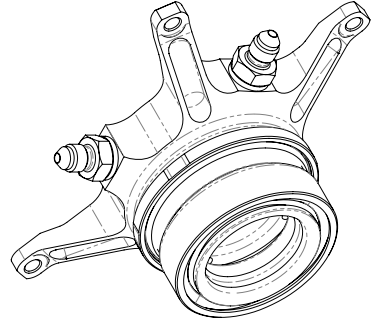
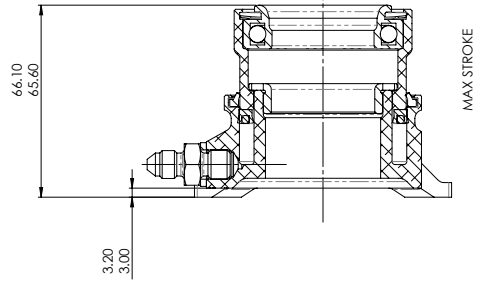
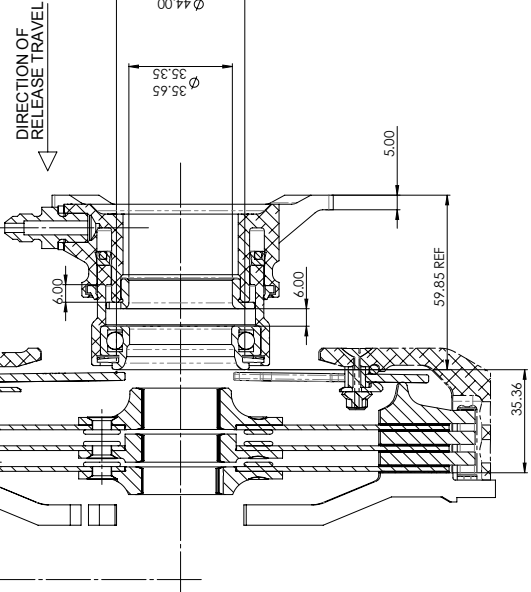


CLUTCH DRIVE CONFIGURATION

SLAVE CYLINDER DETAILS



2 OFF HYDRAULIC CONNECTIONS
3/8" UNF-24 CONVEX SEAT
TO ACCEPT -3 AEROSQUIP



DESCRIPTION : CP8490-1244
ASSEMBLY WEIGHT = 365 grams

THE CP8490 SERIES CONCENTRIC SLAVE CYLINDER IS A HYDRAULIC ACTUATOR WITH A PISTON RING AND A SEALING SURFACE ARE PROTECTED BY A HARD WEARING / LOW FRICTION COATING WHICH HELPS PROLONG SEAL LIFE.

NOTES:
ENSURE THAT THE UNIT IS INSTALLED AT THE SPECIFIED ANGLE, WITH THE BLEED PORT UPPERMOST.

BODY MATERIAL: ALUMINIUM ALLOY
PISTON MATERIAL: ALUMINIUM ALLOY
EFFECTIVE AREA: 788 mm² (1.221 sq. in.)
MAXIMUM STROKE: REFER TO TABLE
MAXIMUM PRESSURE: 8.6 N/mm² (1250 psi)

HYDRAULIC PORTS: SEE NOTE
HYDRAULIC FLUID: APR550 OR 600 BRAKE FLUID

REPLACEMENT SEAL KIT : CP8496-15
REPLACEMENT BEARING KIT : CP8496-16

Essex Parts Services can now offer a full caliper and master cylinder reconditioning service on site at their facility in Cramerton NC. This is the only facility outside the AP Racing factory that is licensed to carry out full reconditioning on both calipers and master cylinders, all carried out under the direct supervision of on site AP Racing personnel and to the same exacting standards as demanded by a full AP Racing factory recondition service.

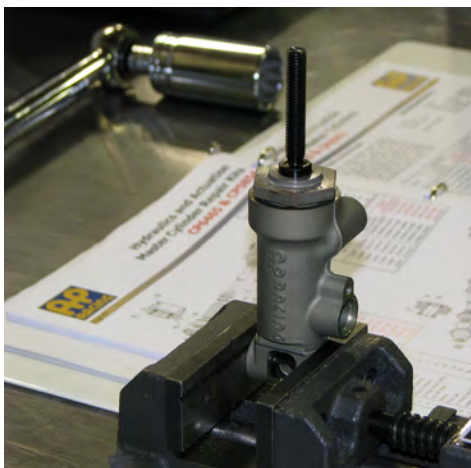


Caliper Recondition: -

The reconditioning service includes a full caliper strip and clean, with all parts being thoroughly inspected and replaced if necessary. The caliper body is then Rockwell hardness checked (done to ascertain the condition and life of the caliper). The caliper is then rebuilt and pressure checked (done to the same standards as detailed by AP Racing). This checks the integrity of the seals as well as the bleedscrew seat etc.

Additional services include re-cutting bleed screw seats if they are damaged and crack detecting the caliper body if it's integrity is suspect.

The calipers are returned with a full reconditioning report detailing all the work carried out on the caliper as well as the RHB figure of the body hardness.



Master Cylinders: -

The cylinders are stripped and all components inspected. The cylinder bores are checked for wear or damage, as well as all other components, and are replaced as necessary. New seals are fitted and the cylinder re assembled. The Travel to Cut off is checked and detailed on the final inspection report.

Contact Essex Parts Services for details on this service.



Section 5 Contact Information



The AP Racing product range is designed and manufactured in the United Kingdom, specifically for the US Stock Car market. The product is distributed exclusively in the US by Essex Parts Services Inc, located in Cramerton, North Carolina USA

For all technical enquires please contact: -
Steve Hood (AP Racing)
(Full installation drawings can be obtained in DXF,
IGES or PDF format upon request.)

Steve Hood

Race Engineer USA
AP Racing
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Cramerton
NC 28032
USA

Tel: - 704 824 6030
Fax: - 704 478 1030
Mobile: - 704 674 4199
E Mail: - steve.hood@apracings-usa.com

Sales enquires, please contact: -
Jeff McChesney or Brian Hoppe
(Essex Parts Services)

Jeff McChesney

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