

CROSTHWAITE & GARDINER



Bugatti Catalogue 2016

About Us

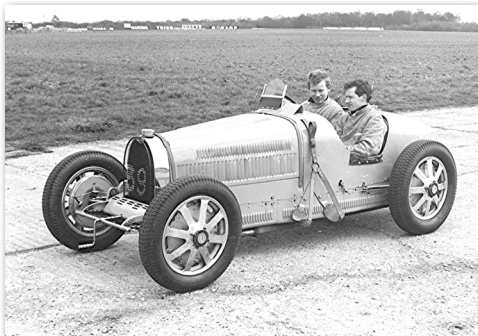
Crosthwaite and Gardiner is one of the world's leading manufacturers and suppliers of parts to the historic motor racing industry.

Established in 1969, the company is built on a wealth of knowledge and experience gained through over 40 years of producing parts for some of the most famous and important racing cars the world has ever seen.

Crosthwaite and Gardiner was established as a result of the joint passion of Dick Crosthwaite and John Gardiner for historic racing cars, and for Bugatti cars in particular, and has continued to build upon this Bugatti expertise ever since.

The company has now worked on every Bugatti, bar the Royale.

Buying stock, original pattern equipment and drawings over the decades and manufacturing parts for all the cars they have worked on has resulted in Crosthwaite and Gardiner carrying the largest stock of quality Bugatti parts in the world.



Dick and John in Neil Corner's T35B, chassis no. 4965 at Silverstone in 1967

Expanding on their renown for Bugattis, Crosthwaite and Gardiner developed their expertise into manufacturing components for other famous racing marques. This highly successful expansion has led to a series of projects to re-create historic racing engines, resulting in brand new Coventry Climax FPF, Maserati Birdcage, Jaguar LWE and D-type engines. The resulting critical acclaim has meant that today these engines are the strongest product lines offered by Crosthwaite and Gardiner.

Crosthwaite and Gardiner's enviable and un-rivalled experience in the historic racing industry has given them an incredible depth of knowledge of the cars they work on. This expertise means that they know exactly how each car was built and finished at the time it was originally manufactured.

This allows the company to create faithful restorations conserving the important originality and authenticity of the cars and its parts.

Crosthwaite and Gardiner recognises that in order to complete a restoration to the highest level while maintaining historical accuracy, the ability to use as many original parts as possible is paramount.

The company therefore prides itself on its ability to repair and save what others would misconstrue as un-useable parts, whilst maintaining structural integrity and reliability.

The company achieves this by successfully combining traditional craftsmanship with the latest technology and manufacturing methods.

Crosthwaite and Gardiner are proud to manufacture the finest products for the finest cars in the world.

Be it a precisely crafted Bugatti nut or a world beating Auto Union Grand Prix car, the attention to detail and quality is always the same.

Not all of the products we currently manufacture are in this catalogue and if you have any enquiries please do not hesitate to contact us.



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Front Axle

Type 35



33ESSAV6
Kingpin



Image Not Available

35 EA348
Swivel cap for Kingpin



PAT309
Kingpin Pulley Cover



PAT168
Kingpin Brass Oil Cover



PATT35-85-615
Front Hub - LHS



PATT35-85-616
Front Hub - RHS



35ESSAV69
Front Hub Bearing Cover



Image Not Available

30ESSAV12
Lock Washer, Front Hub



PAT250(CAST)
Dust Cap for Alloy Wheel Hub
- CASTING



PAT385
Brake Pulley Screw



30EA95
Bolt - Brake Backplate to
Stub Axle

Front Axle

Touring



57EA1ASM
Front Axle Assembly T57S



57EA1
Front Axle Half T57S



59EA4
Front Axle Sleeve Coupling



57EA34
Joining Nut Front Axle



57EA38
Bolt - Joining Nut



57EA74
Kingpin



57EA75
Swivel Cap for King Pin-
Cable Brakes RH



57EA76
Swivel Cap for King Pin-
Cable Brakes LH



57EA78
Swivel Cap for Kingpin -
Hydraulic Brakes

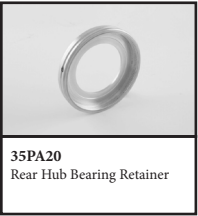
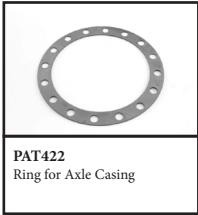


Rear Axle

Type 30, Type 38, Type 38A, Type 40, Type 44 & Type 55



Type 35



Rear Axle

Type 35, continued



30PA58
Differential Cross



30PA59
Planet Bevel Gear



30PA60
Half Shaft Bevel Gear



35PA99
Breather Plug for Axle



30PA120
Level Plug for Axle - 18x1.5



30PA77
Filler & Drain Plug for Axle



PAT341
Nut for Half Shaft Hub - 22x1.5



30PA76
Tie Rod Screw for Rear Axle



35PA472
Stud for Adjusting Rear Wheel Bearing



35PA490
Nut for Adjusting Rear Wheel Bearing



PAT270
Stud - Axle Trumpet 7x41



PAT271
Stud - Axle Trumpet Torque Arm 7x50



PAT272
Stud - Axle Trumpet Torque Arm 9x50



Rear Axle

Type 46



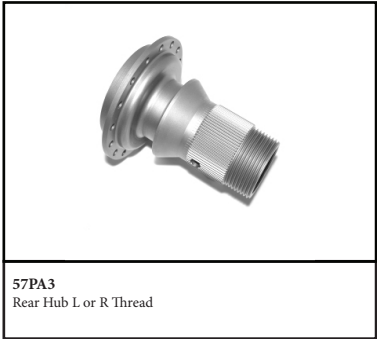
46CP155
Axle Jacking Point

Type 54

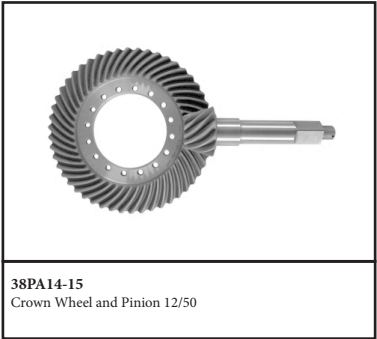


35PA6-B(CAST)
RearAxle Case, Left Half -
CASTING

Type 57



57PA3
Rear Hub L or R Thread



38PA14-15
Crown Wheel and Pinion 12/50



Rear Axle

Type 57, continued



57PA4
Bush - Rear Spring Chassis Mount



57PA15
Bolt - Rear Spring Chassis Mount



57PA52
Bolt - Propshaft Coupling



57PA52
Bolt - Propshaft Coupling



54PA7(CAST)
Oil Filler Elbow - CASTING



54PA7
Oil Filler Elbow



PAT510
Shackle Pin - Short



PAT511
Shackle Pin - Long



PAT512
Shackle Pin - Threaded



Brakes

Type 35 and Type 51



PAT539
Front Brake Backplate for
270mm Brakes



35ESSAV74
Front Brake Backplate for
330mm Brakes



43EA2
Front Brake Backplate T43



35PA17(CAST)
Rear Brake Backplate for
270mm Brakes - CASTING



35PA17
Rear Brake Backplate for
270mm Brakes



35PA9(CAST)
Rear Brake Backplate for
330mm Brakes - CASTING



35PA9
Rear Brake Backplate for
330mm Brakes



22-23PA355(CAST)
Brake Shoe Pair for 270mm
Brakes - CASTING



22-23PA355
Brake Shoe Pair for 270mm
Brakes - No Linings



43PA15(CAST)
Brake Shoe Pair for 330mm
Brakes - CASTING



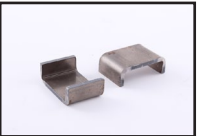
43PA15
Brake Shoe for 330mm Brakes
- no Linings



PAT187L
Roller Brake Cam - Left Hand



PAT187R
Roller Brake Cam - Right Hand



43PA16
Cam Roller Pad



PAT353
Washer for Brake Cam Bush
Housing



35ESSAV22
Brake Cam Bush Housing -
270mm diameter



Brakes

Type 35 and Type 51, continued



PAT345
Brake Cam Bush Housing -
330mm dia brakes



PAT326
Brake Shoe Rear Pivot



PAT327
Brake Shoe Front Pivot



30PA21
Nut for Brake Pivot 14x1.25



35PA79FR
Brake Lever Front Right -
80mm Centres



35PA79FL
Brake Lever Front Left - 80mm
Centres



PAT621FR
Front Right Brake Lever -
90mm Centres



PAT621FL
Front Left Brake Lever - 90mm
Centres

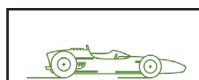


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35EA50
Front Brake Lever

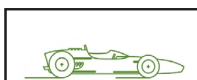


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35PA79
Rear Brake Lever - 80mm
CTRS



PAT621R
Rear Brake Lever - 95mm
Centres



PAT328
Brake Shoe Bolt



PAT324
Brake Shoe Spacer



PAT325
Brake Shoe Washer



30ESSAV76
Brake Return Springs



PAT228
Brake Return Spring Anchor
Pin



Brakes

Type 35 and Type 51, continued



PAT228-29
Brake Return Spring Anchor
Pin - 29mm



PAT518
Link for 270mm Brake Springs



PAT453
Link for 330mm Brake Springs



PAT257
Brake Cable - per metre



PAT392
Brake Cable End Bushes



30CH258
Brake Cable Adjuster - female



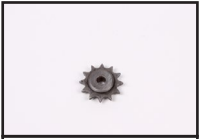
30CH259
Brake Cable Adjuster - male



PAT555
End for Brake Cable - chain



GR58
Brake Cable Pulleys



GR59
Brake Cable Sprocket



PAT246
Chain for Brakes - 0.1 metre



PAT247
Chain Connecting Links



35CH57
Brake Bevel Gear



35CH54
Brake Bevel Gear Quadrant



Brakes

Type 46



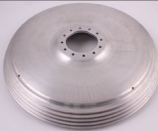
46CP178
Brake Return Spring



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PAT335(CAST)
Brake Shoe - CASTING

Type 57



57EA67
Front Brake Drum

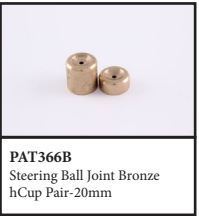
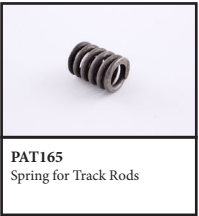


57PA18
Rear Brake Drum



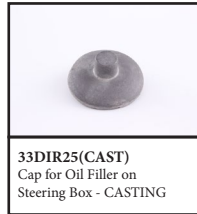
Steering

Type 35



Steering

Type 57



Dampers

Type 35



35AMORT2
Shock Absorber Front Cover



35AMORT5
Shock Absorber Split Liner



35AMORT7
Damper Springs



30AMORT10
Damper Bolt M7x20 Drilled Head



30AMORT13(CAST)
Packing Block Centre of Shock Absorber CASTING



35AMORT5(CAST)
Split Lining CASTING



30AMORT4(CAST)
Shock Absorber Shoe CASTING



35AMORT1(SPIN)
Damper Housing SPINNING

Chassis

Type 35



PAT101L(CAST)
Bulkhead Support Frame - left hand CASTING



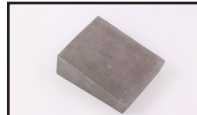
PAT101R(CAST)
Bulkhead Support Frame - right hand CASTING



PAT248L(CAST)
Packing Block Chassis/Crank-case front left CASTING



PAT248R(CAST)
Packing Block Chassis/Crank-case front right CASTING



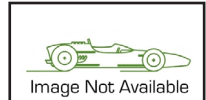
PAT249(CAST)
Packing Block Chassis/Crank-case Rear L&R - CASTING



PAT5151(CAST)
Support for Steering Box - CASTING



35CH148(CAST)
Gearbox Mounting Bracket on Cross Member - CASTING



35CH16(CAST)
Spring Hanger for Rear of Front Spring - LH CASTING



35CH18(CAST)
Spring Hanger for Rear of Front Spring - RH CASTING



35CH516(CAST)
Spring Hanger - Front Early Type CASTING



35CH75
Cradle for Magneto



35CH68
Radius Arm Sandwich Plate



35CH66
Radius Arm Spherical Ball



35CH153
Spherical Cup - Outer Radius Rod



35CH67
Spherical Cup - Inner Radius Rod



35CH476
Radiator Cap Neck



Chassis

Type 35, continued



35CH478
Radiator Cap Lid



51CH61
Clutch Pedal



35CH197
Clutch Return Spring



35CH147(CAST)
Brake Pedal Pad - CASTING



PAT130(CAST)
Brake Cross Shaft Bracket CASTING



PAT448
Stop Plate for Cross Shaft Levers



PAT269(CAST)
Accelerator Pedal - CASTING



35CH169(CAST)
Support Bush for Throttle Pedal Shaft - CASTING



30CH49(CAST)
Gear Lever Gate - CASTING



35CH81-270(CAST)
Hand Brake Lever - Lower Part CASTING



PAT396
Wooden Knob for Hand Brake



35CH79
Starting Handle Grip



30MOT25
Starter Dog for Starting Handle



35CH366
Seat Separation Tubular Frame



35CH369
Peg for Front Mounting Bracket, welded to 35CH367 (available seperately)

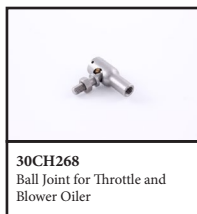
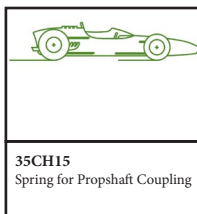


35CH370
Peg for Rear Mounting Bracket, welded to 35CH368 (available seperately)



Chassis

Type 35, continued



Type 43



Chassis

Type 43, continued



PAT588(CAST)
Cross Shaft Bracket for Clutch
& Hand Brake (front) -
CASTING



PAT132(CAST)
Cross Shaft Bracket for
Clutch & Rear Hand Brake -
CASTING



PAT131(CAST)
Cross Shaft Bracket for Hand &
Foot Brakes - CASTING



PAT340(CAST)
Speedo Drive Bracket -
CASTING



PAT416(CAST)
Dynamo Housing - CASTING



43TIM3(CAST)
Foot Brake Pedal -
CASTING

Type 46



46MOT141
Engine Mount Bracket

Type 55



PAT606L(CAST)
Front Left Engine Mount -
CASTING



PAT606R(CAST)
Front Right Engine Mount -
CASTING



PAT607(CAST)
Engine Mount Rear LH & RH
- CASTING



PAT55-101(CAST)
Fan Bracket - CASTING



Chassis

Type 55, continued



55CH21(CAST)
Cross Shaft Mounting -
CASTING



55CH25(CAST)
Clutch Pedal Pad -
CASTING



55CH30(CAST)
Brake Pedal Pad -
CASTING



55CH19(CAST)
Shock Absorber Mounting, Rear
- CASTING



PAT608(CAST)
Handbrake Mount - CASTING



PAT367
Clamping Nut for
Windscreen Post



55PA13-14(CAST)
Rear Spring Hanger, CASTING



55PA13-14
Rear Spring Hanger



47CH16(CAST)
Front Rear Spring Hanger LH
- CASTING



47CH17(CAST)
Front Rear Spring Hanger RH
- CASTING



49MOT13
Dynamo Cover



49MOT19
Dynamo Cover End Cap

Type 57



57CH432(CAST)
Front Cross Member Oval
behind Radiator - CASTING



57CH257(CAST)
Bulkhead Support RH -
CASTING



57CH258(CAST)
Bulkhead Support LH -
CASTING



57SCH39(CAST)
Support Brackets RH
(bottom firewall - engine side)
CASTING



Chassis

Type 57, continued



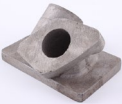
57SCH40(CAST)
Support Brackets LH (bottom of firewall - engine side) - CASTING



57CH497(CAST)
Dashboard Support Bracket - CASTING



57SCH1(CAST)
Magnetos Mounting Bracket - CASTING



57AC34(CAST)
Fuel Pump/Distributor Mounting - CASTING



57CH280(CAST)
Throttle Shaft Support Bracket - CASTING



PAT442
Short Pedal Bracket



57EMB26(CAST)
Pedal Pad - CASTING



57SMOT88(CAST)
Silent Block Pivot Support, Front Engine Mount - CASTING



57PA52
Bolt for Propshaft Coupling



PAT57-110
Leather Link for Torque Arm



57SCH220-221(CAST)
Long Pedal Arm Bracket and End Cap CASTING



57SCH220-221
Long Pedal Arm Bracket and End Cap



57SCH197(CAST)
Front Cross Member - CASTING



PAT181
Propshaft Coupling



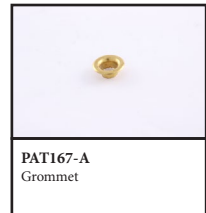
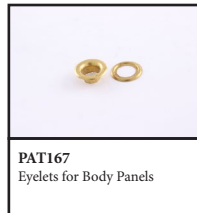
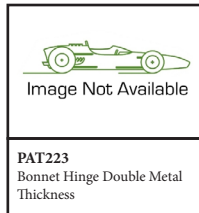
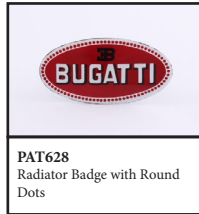
57CH183(CAST)
Lamp Bracket - CASTING



57CV25
Nut for Pinion with Spherical End



Body Work



Engine - Cambox

Type 35

 Image Not Available	 Image Not Available	 Image Not Available	
35AC1(CAST) Cambox - CASTING	35AC2(CAST) Cambox Lid - CASTING	35AC5 Camshaft	30AC9(CAST) Cover Flange for End Of Cambox - CASTING
			
35AC4 Rocker Finger for Inlet	35AC3 Rocker Finger for Exhaust	FOL6-1 Cambox Bolt, plain, 125mm OA	FOL6-2 Cambox Bolt with Extension, 145mm OA

Type 37


37AC1(CAST) Cambox-CASTING

Type 57

			
57AC17-18-19-20(CAST) Cam Cap Set-1 Cambox- CASTING	57AC5 Camshaft-Inlet	57AC6 Camshaft-Exhaust	57AC1(CAST) Cambox-Inlet-CASTING



Engine - Cambox

Type 57, continued



57AC2(CAST)
Cambox-Exhaust -
CASTING



Image Not Available

57AC3(CAST)
Cambox Lid-Inlet - CASTING



Image Not Available

57AC4(CAST)
Cambox Lid-Exhaust -
CASTING



57AC12
Rocker Finger, Inlet & Exhaust



57MOT83
Tappet Shim - 8mm stem



57AC38
Camshaft Damper Exterior
Plate



57AC39
Camshaft Damper
Intermediate Plate



57AC41
Camshaft Damper Interior
Plate



57AC50
Camshaft Damper Plate



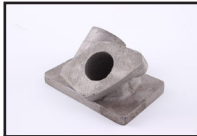
57AC16
Cambox Blanking Plate



57AC51
Bolt for Cam Damper



30AC77
Spring for Camshaft Damper



57AC34(CAST)
Fuel Pump and/or
Distributor Mounting -
CASTING



Engine - Timing Train

Type 35



Image Not Available

35AC10
Cam Gear with Air Cam



30MOT39B
Cross Shaft Gear (Ally Bronze)
20mm Bore



30MOT39S
Cross Shaft Gear (Steel) -
20mm Bore

Type 37



PAT204(CAST)
Vertical Drive Cover -
CASTING

Type 46



46MOT95
Lower Bearing Cap -
Timing Case

Type 50



50MOT24
Outer Valve Spring



50MOT33
Timing Case Tower at Front
of Engine



50MOT34
Cover for Timing Case



50MOT35
Cover for Camshaft Gear

Engine - Timing Train

Type 51



51MOT39(CAST)
Front Timing Tower -
CASTING



51MOT45(CAST)
Front Timing Tower Cover -
CASTING



51MOT46(CAST)
Cap for Vertical Drive Shaft -
CASTING



51MOT47(CAST)
Cap for Cam Gear - CASTING



51MOT26
Idle Gear 29 Teeth



51AC12
Camshaft Gear 31 Teeth



51MOT25
Compound Gear for Timing
31 Teeth



51MOT20
Bevel Gear for Timing 30 Teeth



30MOT39B
Cross Shaft Gear (Ally Bronze)
20mm bore



39COMP1
Bevel for Crank Nose (Blown)



51MOT21
Vertical Drive Bottom Bevel
Gear



51MOT19
Bevel Pinion for Timing 15
Teeth



43MOT11
Cross Shaft Gear (Ally Bronze)
15mm bore



51MOT22
Vertical Drive Helical Gear
with Cross Drive



51MOT23
Vertical Drive Shaft with Cross
Drive



51MOT24
Collar for Vertical Shaft



Engine - Timing Train

Type 51, continued

			
51MOT27 Bearing for Timing Idle Gear	51MOT32 Bearing for Timing Central Gear	51MOT40 Support Pin for Cam Idle Gear	51MOT31 Support Pin for Compound Gear
			
51MOT44 Thrust Washer for Vertical Timing Pinion	PAT339 Bolts for Cam Cover	51MOT48 Bolts for Fixing Gear to Camshaft	FOL27-8 Countersunk screw 7x1 9mm long

Type 57

			
57AC53 Cam Gear	57MOT318 Timing Gear - 60 Teeth	57SCMOT4 Idle Gear in Crankcase - Steel	57MOT317 Idle Gear in Crankcase - Fibre
	 Image Not Available		
57MOT316 Gear for Water Pump	57MOT315 Gear for end of Crankshaft semi finished	57SCMOT15 Idle Gear in Crankcase for Supercharger	57SMOT16 Driven Gear in Crankcase for Supercharger



Engine - Timing Train

Type 57, continued



57MOT226
Bush for Steel Lower Idle Gear



57MOT50
Gear Support Shaft - 114mm



57MOT52
Gear Support Shaft - 110mm



57SCMOT23
Shaft for Gear in Crankcase for Supercharger



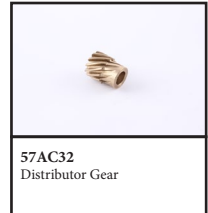
PAT111
Bolt for Crank Nose Gear
11x1.25



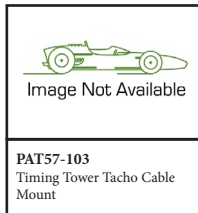
PAT316
Starter Motor Gear



PAT316C
Wire Clip for Starter Motor
Gear



57AC32
Distributor Gear



PAT57-103
Timing Tower Tacho Cable
Mount



PAT370(CAST)
Radiator Fan - CASTING



PAT57-106(CAST)
Fan Belt Tensioner - CASTING



PAT57SC-103(CAST)
Fan Belt Tensioner - CASTING



PAT452(CAST)
Bascalator Rocking - CASTING



PAT625(CAST)
Starter Motor End Cover -
CASTING



Engine - Timing Train

Brescia



22-23MOT670
Vertical Drive Coupling -
Female

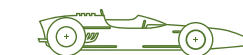


22-23MOT670A
Vertical Drive Coupling -
Male



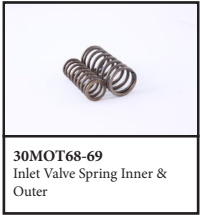
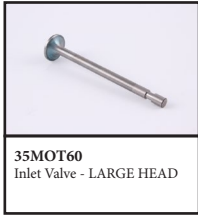
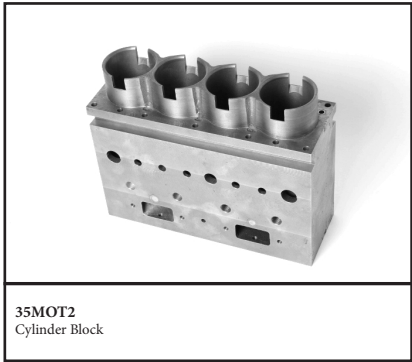
Engine - Valve Train

Type 51 and Type 55



Engine - Cylinder Block

Type 35



Engine - Cylinder Block

Type 35, continued



PAT221
Exhaust Valve Guides



PAT501
Exhaust Valve Spring Seat



30MOT66-67
Exhaust Valve Springs Inner & Outer



PAT499
Exhaust Valve Spring Retainer



30MOT219
Collet Exhaust Valve Pair


Image Not Available

30MOT145
Tappet Shims for Exhaust



30MOT160(CAST)
Water Drain Elbow - CASTING



30MOT368
Water Drain Tap


Image Not Available

30MOT78
Water Plate Bolt/Cambox Locating Peg


Image Not Available

PAT210
Nut in Brass for Rocker Locators on Cambox


Image Not Available

30MOT144
Gasket for Inlet Manifold

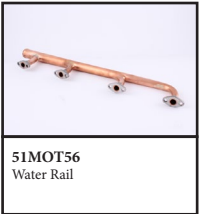
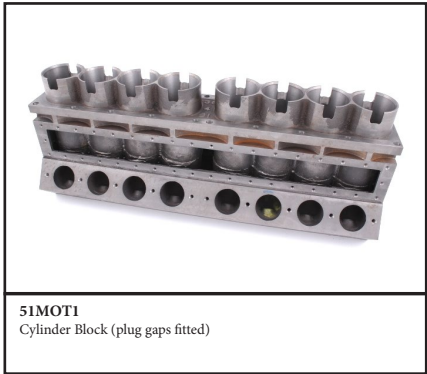


PAT332
Plug Tube Holder (front)



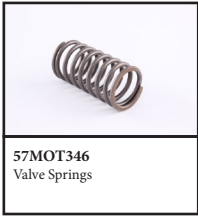
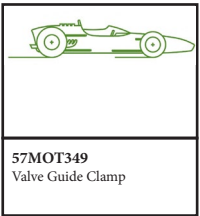
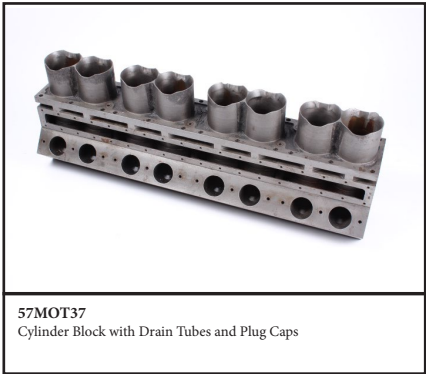
Engine - Cylinder Block

Type 51



Engine - Cylinder Block

Type 57



Engine - Cylinder Block

Type 57, continued



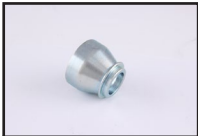
PAT57-109
Cylinder Block Tapered Plugs



PAT259
O-Ring for Plug Cup



57MOT377
Cup for Spark Plug - 14mm
Plugs



57MOT21
Cup for Spark Plug - 18mm
Plugs



57MOT116
Stud for Cambox, Double
Ended



59MOT141
9mm Stud - Block to Crankcase



FOL19-13S
Screw 5x.75 90° Countersunk
13 long (stainless)



51MOT88
Full Plain Nut 9x1



Engine - Crankcase

Type 35 and Type 51



35MOT502(CAST)
Sump - CASTING



35MOT502
Sump



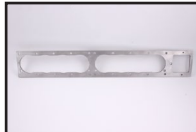
35MOT503(CAST)
Crankcase Upper -
CASTING



35MOT502-503
Sump & Crankcase Machined
Pair With Tubes



30MOT26(CAST)
Cover for Front of Crankcase,
Un-blown cars - CASTING



35MOT595-6
Compression Plate-6mm thick



35MOT595-8
Compression Plate-8mm thick



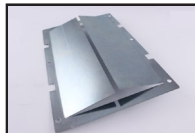
30MOT12
Rear Main Bearing Housing



35MOT169
Tube for Sump



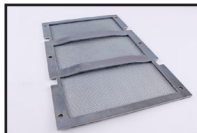
35MOT225
Bung for Sump Tubes



35MOT549
Baffle for Middle of Sump



35MOT575
Baffle Front & Rear of Sump



35MOT545
Gauze & Frame for Middle
of Sump



35MOT548
Gauze & Frame for Front &
Rear of Sump



35MOT508(CAST)
Intermediate Main Bearing
Cap - CASTING



35MOT508
Intermediate Main Bearing Cap



Engine - Crankcase

Type 35 and Type 51, continued



Engine - Crankcase

Type 35 and Type 51, continued



35MOT151
Breather Cap



37MOT26-27
Breather Gauze with Ring



35MOT561(CAST)
Oil Pickup for Side of Sump -
CASTING



35MOT576(CAST)
Oil Drain Plate - CASTING



35MOT576
Oil Drain Plate



29-30MOT250(CAST)
Oil Level Sight - CASTING



Image Not Available

39COMP67(CAST)
Starting Handle Support
Housing - CASTING



38MOT3(CAST)
Vertical Shaft Housing -
CASTING



30MOT19
Plate for Locking Spigot
Bearing



55MOT1
Engine Back Plate

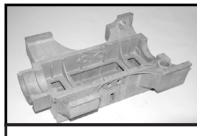


30MOT382(CAST)
Output Flange for Cross Shaft
- CASTING



30MOT44(CAST)
Cover Flange for Cross Shaft -
CASTING

Type 43

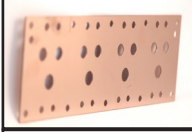


35MOT502-43(CAST)
T43 Sump - (CASTING)



Engine - Crankcase

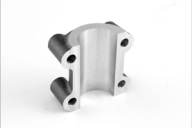
Type 37

		
37MOT1(CAST) Upper Crankcase	37MOT2(CAST) Sump	28MOT51 Water Plate

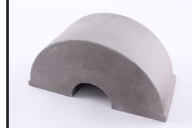
Type 46


46MOT119 Spring for Crank Nose Bevel Gear

Type 50

		
50MOT36 Upper Bearing Cap	50MOT37 Middle Bearing Cap - Timing Case	50MOT212 Top Cover Plate for Sump - rear

Type 57

			
57MOT15-16-17 Tower for Timing Gears	57MOT15(CAST) Tower for Timing Gears - CASTING	57MOT16(CAST) Cap for Tower for Timing Gears RH side - CASTING	57MOT17(CAST) Cap for Tower for Timing Gears LH side - CASTING



Engine - Crankcase

Type 57, continued

			
57AC60(CAST) Clamp for Starter Motor - CASTING	59MOT129(CAST) Main Bearing Cap-Centre CASTING	59MOT130(CAST) Main Bearing Cap, Rear Inter- mediate & Front - CASTING	57MOT7(CAST) Main Bearing Cap, Rear - CASTING
			 Image Not Available
PAT295(CAST) Dynamo Coupling (Long Half) - CASTING	PAT296(CAST) Dynamo Coupling (Short Half) - CASTING	MAS182 Dynamo Drive Bush, Rubber	57MOT9(CAST) Timing Tower Cap - CASTING
 Image Not Available	 Image Not Available		
57MOT310(CAST) Crankcase - CASTING	57GMOT8 Crankshaft	57MOT324 Pulley for Crankshaft	57MOT63 Crankshaft Plug
			
33272-33(CAST) Supercharger Metering Pump, CASTING			



Engine - Roller Crankshaft

Type 35



35MOT513
Crank Block



35MOT598
Piston



35MOT526(FORGE)
Connecting Rod -
FORGING



35MOT526
Connecting Rod (Big End
Un-Ground)



35MOT514
Cotterpin for Crank



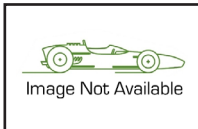
35MOT528
Washer for Crank Cotterpin



35MOT515
Nut for Crank Cotterpin



35MOT71
Gudgeon Pin



35MOT15
Flywheel with Starter Teeth



215V
Ball Bearing Crankshaft Rear -
130x75x20mm



35MOT537
Cage for Roller Bearing Crank
(Std 8.0mm Roller)



1313
Main Bearing Ball Race



35MOT509
Intermediate Split Crank
Bearing

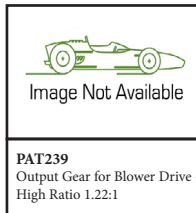
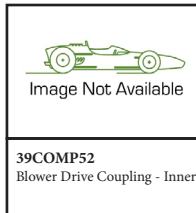


35MOT566
Flanged Slotted Nut, 20x1.5



Engine - Blower Drive

Type 35 and Type 51

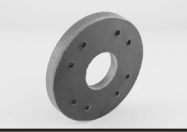


Engine - Blower Drive

Type 35 and Type 51, continued



PAT266
Spring Pack for
Supercharger Drive



39COMP7
Leather Disc for Blower
Coupling



39COMP133
Support Plate for Leather
Coupling



FOL23-52
Stud 7mm x 1mm x 52



FOL19-13
5x.75 Square Head Counter-
sunk 13 Long

Type 50



50COMP11
Blower Coupling (male)



50COMP12
Blower Coupling (female)



50COMP58
Rubber Drive Coupling



50COMP1(CAST)
Blower Angle Drive -
CASTING



50COMP14
Blower Drive Round Cover

Engine - Blower Drive

Type 57



57CMOT4
Leather Disc for Blower
Coupling



57SCMOT16
Driven Gear in Crankcase for
Supercharger



PAT57-102(CAST)
Supercharger Drive Blanking
Plate - CASTING



57SCMOT7(CAST)
Housing for Supercharger
Drive Shaft - CASTING



Engine - Magneto Drive

Type 35 and Type 51



35AC42(CAST)
Magneto Step Up Gearbox
(Late) - CASTING



35AC42
Magneto Step Up Gearbox
(Early)



55AC4(CAST)
Housing for Magneto Step Up
Gears - CASTING



50AC4(CAST)
Housing for Magneto Step Up
Gears (CASTING)



50AC4
Housing for Magneto Step
Up Gears



35AC54
Cover for Magneto Step Up
Housing



35AC47
Magneto Step Up Gear Mouted
in Bronze Housing



35AC43
Magneto Step Up Gear Mount-
ed on Camshaft



55AC3
Magneto Step Up Gear Mount-
ed on Camshaft



35AC113
Flange for Step Up Output Shaft



51CH50
Flange for Magneto



35AC58
Peg Drive for Flange



35AC59
Flange for Mag Drive Shaft



35AC98
Peg for Drive Flange



35AC60
Leather Disc for Steering &
Magneto Drive



35AC53
Circlip for Mag Step Up
Gearbox



Engine - Oil System

Type 35, Type 37 and Type 51

 Image Not Available	 Image Not Available		
35MOT280(CAST) Oil Pump Body - CASTING	35MOT280 Oil Pump Body	35MOT281(CAST) Oil Pump Cover - CASTING	35MOT281 Oil Pump Cover
			
PAT580(CAST) Oil Pump Body T37A - CASTING	PAT580 Oil Pump Body T37A	PAT581 Oil Pump Cover T37A	PAT581(CAST) Oil Pump Cover T37A - CASTING
			
35MOT282 Oil Pump Driving Gear <i>Also available in +1.0 size</i>	35MOT505B Oil Pump Driven; Driving Gear 20T	35MOT81 Oil Pump Drive Gear <i>Also available in Over Size</i>	35MOT82 Oil Pump Driven Gear <i>Also available in Over Size</i>
			
37MOT40B Oil Pump Driving Gear, 16 Teeth, Bronze	37MOT40S Oil Pump Driving Gear, 16 Teeth, Steel	PAT236 Oil Pump Complete & Assembled	30MOT332(CAST) Base for Oil Filter - CASTING



Engine - Oil System

Type 35, Type 37 and Type 51, continued



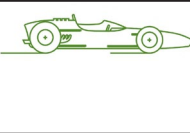
30MOT332
Base for Oil Filter



30MOT335(CAST)
Cover for Oil Filter CASTING



PAT614
Oil Filter - Paper Element



PAT237
Oil Filter Element



30MOT358
Wing Bolt for Oil Filter



30MOT358(CAST)
Wing Bolt for Oil Filter - CASTING



51MOT63(CAST)
Oil Distribution Block - CASTING



51AC24(CAST)
Front Oil Drain - CASTING



51AC26
Oil Drain Left Hand Side Rear



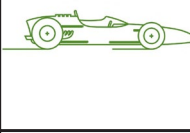
51AC27(CAST)
Oil Drain Y Shape for Centre - CASTING



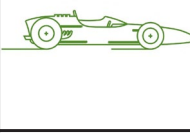
51AC25
Oil Drain Right Hand Side Rear



51MOT69
Banjo Bolt 7mm Dia x 43mm L x 2mm Dia



51MOT104
Banjo Bolt



51MOT105
Banjo Bolt



51AC37
Spacer for Oil Feed Banjo Bolt

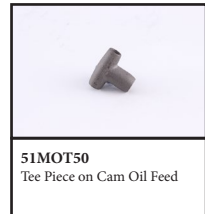
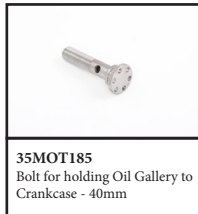


30MOT170
Banjo Bolt, 16x1.25mm, 32mm long

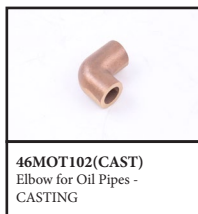


Engine - Oil System

Type 35, Type 37 and Type 51, continued



Type 46



Engine - Oil System

Type 50

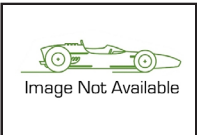


Type 57



Engine - Oil System

Type 57 Dry Sump

 Image Not Available			
57SCMOT2(CAST) Sump - CASTING	57SCMOT2 Sump	57SMOT60(CAST) Cover Plate for Sump - CASTING	57SMOT60 Cover Plate for Sump
 Image Not Available			
57SMOT63ASM Oil Pump Complete for Dry Sump	57MOT393(CAST) Breather/Oil Filler on Sump - CASTING	PAT474(CAST) Cap for Oil Breather - CASTING	57SMOT61 Front Oil Pick Up Pipe
		 Image Not Available	
57SMOT68(CAST) Elbow for Front Oil Pick Up Pipe - CASTING	PAT479 Oil Filler Cap Spring Clip	PAT478 Dry Sump Kit	



Engine - Inlet & Exhaust Manifolds

Type 35



39COMP90(CAST)
Inlet Manifold Y-Piece for
Blown Engine - CASTING



35MOT146(CAST)
Inlet Manifold - CASTING

Type 37



28MOT58
Gasket for Inlet Manifold



28MOT59
Gasket for Exhaust Manifold

Type 46



PAT502
Gasket for Exhaust Manifold to
Block Joint

Type 50



50MOT119(CAST)
Inlet Manifold - CASTING



50MOT120(CAST)
Transfer Inlet Manifold, T50 -
CASTING



Engine -Inlet & Exhaust Manifolds

Type 51, continued



51MOT70
Inlet Manifold One Piece



51MOT11(CAST)
Top Inlet Manifold - CASTING



51MOT10(CAST)
Inlet Manifold Centre Section
- CASTING



PAT106
Gasket for Exhaust
Manifold to Block Joint



PAT252
Gasket Inlet Manifold to Block

Type 54



50MOT31
Exhaust Manifold Plate

Type 57



57SCMOT14(CAST)
Inlet Manifold for
Supercharger - CASTING



57MOT302(CAST)
Exhaust Manifold, End Exit -
CASTING



PAT397
Gasket for Inlet Manifold



57MOT146
Exhaust Gasket - Copper Clad



Engine - Inlet & Exhaust Manifolds

Type 57, continued



57CH231
Exhaust Flange Gasket Square -
Copper Clad



57SCCOMP19
Carburettor Inlet Manifold -
Stromberg UUR2



PATT57-55-002
Inlet Butterfly Housing UUR2



Engine - Air Pump

Type 35



Image Not Available

35AC133ASM
Engine Air Pump Assembly
T35



35AC133(CAST)
Engine Air Pump Body -
CASTING



Image Not Available

PAT108
Spring for Engine Air Pump



35AC129
Air Pump Piston



35MOT181
Union for Engine Air Pump

Type 37



PAT200(CAST)
Housing & Mount for Air
Pump - CASTING

Type 51



Image Not Available

35AC133-LASM
Engine Air Pump
(Complete)



51AC31
Mounting for Air Pump



35AC133(CAST)
Engine Air Pump Body -
CASTING



51AC30
Square Bronze Plate on Rear
of Cambox



Engine - Air Pump

Type 51, continued



35AC133-L
Engine Air Pump Body



51AC29
Air Pump Cam



PAT108
Spring for Engine Air Pump



35AC129
Air Pump Piston



35MOT181
Union for Engine Air Pump



Engine - Water Pump

Type 35



35MOT579A(CAST)
Water Pump Body - CASTING



35MOT582(CAST)
Water Pump Cover - CASTING



PAT627(CAST)
Water Pump, Early Type - CASTING



35MOT581L(CAST)
Water Pump Impellor - CASTING



30MOT87(CAST)
Water Pump Impellor (Small) - CASTING



PAT334(CAST)
Water Pump Mount, Early Type - CASTING



30MOT397
Thrust Button



30MOT398
Nut for Thrust Button

Type 46/50



46MOT15(CAST)
Water Pump Body T46/T50 - CASTING



46MOT16(CAST)
End Cover for Water Pump, T50 - CASTING



35MOT581R(CAST)
Water Pump Turbine, T50B - CASTING



46MOT216
Bevel Gear for Water Pump

Type 51



35MOT579B(CAST)
Water Pump Body - CASTING



35MOT582(CAST)
Water Pump Cover - CASTING



43MOT12
Water Pump Shaft



30MOT52
Coupling for Water Pump Shaft



Engine - Water Pump

Type 57



PAT586(CAST)
Top Water Manifold, with Y
piece - CASTING



57MOT8(CAST)
Water Pump Drive Housing -
CASTING



57MOT8
Water Pump Drive Housing



57MOT10(CAST)
Water Pump Main Body -
CASTING



57MOT10
Water Pump Main Body



57MOT11(CAST)
Water Pump Front Cover -
CASTING



57MOT11
Water Pump Front Cover



57MOT59(CAST)
Water Pump Rectangular Cover
- CASTING



57MOT23
Water Pump Shaft



57MOT182
Shaft for Driven Bronze Water
Pump Gear



57MOT181
Driven Bronze Worm Wheel
Gear for Water Pump



57MOT165
Worm Driving Member for
Water Pump



57MOT22(CAST)
Water Pump Impellor -
CASTING



57MOT22
Water Pump Impellor



57MOT24
Water Pump Gland Nut



57MOT145(CAST)
Water Manifold Top Y Piece -
CASTING



Engine - Water Pump

All Models



Image Not Available

23MOT2107
Locking Clip for Water Pump



30MOT119ASM
Water Pump Greaser
Assembly

Engine - Cooling

Type 35



PAT526(CAST)
Water Pipe Elbow for Engine
to Radiator - CASTING

Type 57



PAT484(CAST)
Water Pipe - Radiator to
Water Pump



Engine - Supercharger

Type 35



39COMP103
Casing for Supercharger



39COMP20
End Plate for Blower



39COMP21
End Plate for Blower



39COMP23(CAST)
Front Cover for Blower -
CASTING



39COMP23
Front Cover for Blower



39COMP24(CAST)
Rear Cover for Blower -
CASTING



39COMP24
Rear Cover for Blower



39COMP32
Flange for End of Blower Rotor
- 4 Keyways



39COMP138
Tapered Plugs for
Supercharger Rotors



39COMP139
Rotor 2 Lobe (Drive) 185mm



39COMP140
Rotor 2 Lobe (Driven)



39COMP148
Blower Rotor Lip Seal Sleeve



30MOT172
Oiler Valve for Blower



39COMP96
Supercharger Oiler Needle
Valve



39COMP97
Lever for Blower Oiler Valves

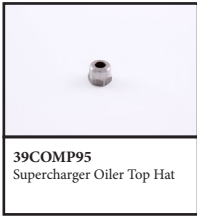


39COMP94
Supercharger Oiler Lock Nut



Engine - Supercharger

Type 35, continued



Type 37



Type 50



Engine - Supercharger

Type 51

 Image Not Available			
51COMP3-ASM Supercharger	51COMP3 Casing for Supercharger	PATT51-55-002 Blower Outlet Flange	39COMP23(CAST) Front Cover for Blower - CASTING
		 Image Not Available	
39COMP23 Front Cover for Blower	39COMP24(CAST) Rear Cover for Blower - CASTING	39COMP24 Rear Cover for Blower	39COMP32 Flange for End of Blower Rotor - 4 Keyways

Type 57

			
57SCCOMP1(CAST) Blower Main Case - CASTING	33272-33(CAST) Supercharger Metering Pump - CASTING	57SCCOMP2 Blower End Plate Front	57SCCOMP3 Blower End Plate Rear
		 Image Not Available	
57SCCOMP21 Gear for Meshing Blower Rotors	57SCCOMP6(CAST) Blower End Cover Front - CASTING	57SCCOMP6 Blower End Cover Front	57SCCOMP15(CAST) Blower End Cover Rear - CASTING



Engine - Supercharger

Type 57, continued



Image Not Available

57SCCOMP15
Blower End Cover Rear

All Models



39COMP37
Nut for Blower Rotor



30-42-7
Lip Seal, 30 x 42 x 7mm



35-42-4
Lip Seal, 35 x 42 x 4mm



Engine - Blow-Off Valves

Type 35



39COMP79(CAST)
Blow Off Valve Body -
CASTING



39COMP78
Blow Off Valve

Type 37



37MOT106(CAST)
Blow Off Valve - CASTING

Type 50



50COMP23
Blow Off Valve Body



50COMP33
Blow Off Valve Seat

Type 51



51MOT14(CAST)
Blower Relief Valve Body
CASTING



Engine - Blow-Off Valves

Type 57



57SCCOMP8
Blow Off Valve Body



59COMP29
Blow Off Valve



57SCCOMP7
Blow Off Valve Seat



Fuel



Gearbox

Type 35



35CV271(CAST)
Gearbox Main Case -
CASTING



35CV271
Gearbox Main Case



35CV272(CAST)
Lid for Gearbox -
CASTING



PAT107(CAST)
Gearbox Lid for Bosch Starter
Motor - CASTING



30CV270(CAST)
Front Cover for Gearbox
Layshaft & Mainshaft -
CASTING



PAT290/291
Square U// for Gearbox-
Propshaft and Cover



PAT551
Input Shaft with 14 tooth
reverse gear



PAT552
Reverse Gear



PAT616
1st & 2nd Gear -
15 tooth/20 tooth



PAT450
1st & 2nd Gear -
17 tooth/20 tooth



PAT449
3rd & Top Gear Sliding - 24
tooth



PAT550
Constant Mesh Output Gear
(27/19)



PAT536
Layshaft



PAT451
1st Gear Layshaft, 29 tooth



PAT615
1st Gear Layshaft - 31 tooth



PAT547
2nd Gear Layshaft - 26 tooth



Gearbox

Type 35, continued



PAT548
3rd Gear Layshaft - 22 tooth



PAT549
Constant Mesh Layshaft Gear
(19/27)



Image Not Available

KS-5-8
Key Steel



30CV269(CAST)
Layshaft End Cover -
CASTING



Image Not Available

30CHV33(CAST)
Gear Selector fork Reverse -
CASTING



Image Not Available

30CHV33
Gear Selector fork Reverse



30CHV32(CAST)
Gear Selector fork 1st &
2nd-CASTING



30CHV32
Gear Selector fork 1st & 2nd



Image Not Available

30CHV33(CAST)
Gear Selector fork 3rd &
4th-CASTING



Image Not Available

30CHV33
Gear Selector fork 3rd & 4th



30CHV89
Selector Rod for Reverse Gear



30CHV88
Selector Rod for 1st & 2nd Gear



30CHV87
Selector Rod for 3rd & 4th
Gear



30CV278(CAST)
Selector Rod End - CASTING



45CHV30(CAST)
Selector Rod Box - CASTING

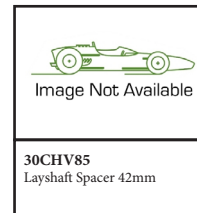
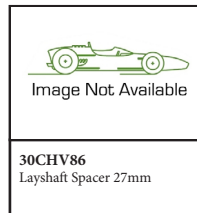
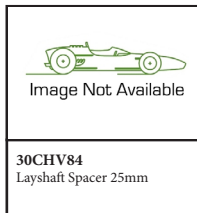
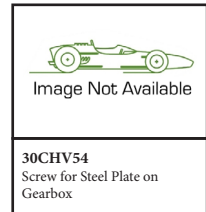


30CV283(CAST)
Selector Box Top -
CASTING



Gearbox

Type 35, continued



Gearbox

Touring

 Image Not Available	 Image Not Available		 Image Not Available
38CHV1(CAST) Gearbox Case - CASTING	49CV1(CAST) Lid for Gearbox - CASTING	38CHV2(CAST) Gearbox Cover, Front - CASTING	38CHV2 Gearbox Cover, Front
			
38CHV3(CAST) Gearbox Cover, Rear - CASTING	38CHV3 Gearbox Cover, Rear	38CHV18 Mainshaft	38CHV38 Reverse Gear - 20T
			
38CHV21 1st & 2nd Sliding Gear - 26T/31T	38CHV20 3rd & Top Gear	38CV78 Constant Mesh Gear - 29T	38CV77 Input Shaft & Constant Mesh Gear
			
38CHV29 Layshaft including 1st	38CHV36 2nd Gear Layshaft - 22T	38CHV35 3rd Gear on Layshaft - 26 tooth	47EMB7 (CAST) Clutch Fork Casting



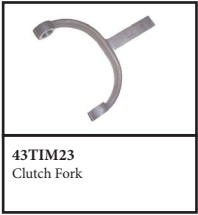
Gearbox

Touring, continued



Clutch

Type 35



Type 43



Clutch

Type 55



Type 57



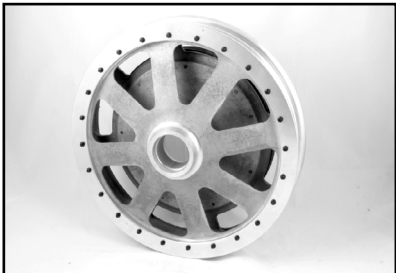
Wheels



35CH172
Alloy Wheel, Beaded Edge - 710x 90



35CH456
Alloy Wheel - 270mm Drum



43CH8
Alloy Wheel - 330mm Drum



43CH83
Alloy Wheel - Well Base with 330mm Brake Drum



59CH27
Wheel Assembly, Complete (Narrow - 3")



54CH67
Alloy Wheel 19" to suit 400mm Brake Drum

Wheels



50CH27
Wheel, 20" x 80mm



46CH89
Wheel, 20" x 80mm, Bolt On, Radial Fins



PAT465L
Wheel Nut - Left Hand



PAT465R
Wheel Nut - Right Hand



PAT415
Bolt for Wheel Rim



PAT497
Beaded Edge Wheel Rim
Screw

Miscellaneous



OUT4991(CAST)
Bench Leg CASTING



PAT329(CAST)
Hand Rail, CASTING



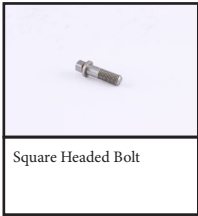
PAT480
Ignition Key, Scintilla



PAT626
Socket Set to Suit Square Head
Fasteners



General Fasteners



Part number	Diameter	Pitch	Length	Shank
FOL1-20	5	0.75	19	10
FOL2-23	7	1.00	23	10
FOL2-26	7	1.00	26	13
FOL2-30	7	1.00	30	17
FOL2-43	7	1.00	43	30
FOL2-55	7	1.00	55	42
FOL2-105	7	1.00	105	92
FOL3-30	9	1.25	30	14
FOL3-50	9	1.25	50	34
FOL3-65	9	1.25	65	49
FOL3-100	9	1.25	100	84
FOL4-50	11	1.25	50	29
FOL4-100	11	1.25	100	80
FOL4-115	11	1.25	115	94



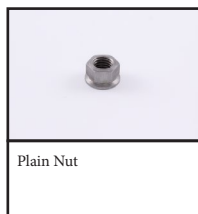
Part number	Diameter	Pitch	Length	Head Style
FOL19-13S	5	0.75	13	Countersunk square stainless
FOL19-13	5	0.75	13	Countersunk square
FOL19-23	5	0.75	23	Countersunk square



Part number	Diameter	Pitch	Length	Head Style
PAT389	7	1.00	35	Hex



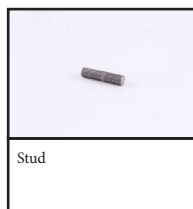
General Fasteners



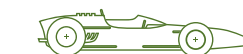
Part number	Diameter	Pitch
FOL10	5	0.75
FOL11	7	1.00
FOL12	9	1.25
FOL13	11	1.25



Part number	Diameter	Pitch
FOL38	5	0.75
FOL16	7	1.00
FOL18	9	1.25
FOL24	11	1.25
FOL28	12	1.50
35MOT515	14	1.25



Part no	Diameter	Length	Thread	Length of LH thread	Length of shank	Length of RH thread	Thread
FOL23-30	7	30	7 x 1	15	3	12	7 x 1
FOL23-35	7	35	7 x 1	15	8	12	7 x 1
FOL23-38	7	38	7 x 1	15	13	10	7 x 1
FOL23-40	7	40	7 x 1	15	13	12	7 x 1
FOL23-47	7	47	7 x 1	15	12	20	7 x 1
FOL23-52	7	52	7 x 1	15	17	20	7 x 1
FOL23-56	7	56	7 x 1	15	31	10	7 x 1
FOL23-63	7	63	7 x 1	15	38	10	7 x 1
FOL23-73	7	73	7 x 1	15	38	20	7 x 1
FOL23-107	7	107	7 x 1	15	82	10	7 x 1
FOL23-126	7	126	7 x 1	15	96	15	7 x 1
PAT426	11	43	11 x 1.25	18	12	13	11 x 1.25
PAT425	11	48	11 x 1.25	18	8	22	11 x 1.25
PAT270	7	41					
PAT271	7	50	7 x 1	8	15	27	7 x 1
PAT272	9	60	9 x 1.25	13	11	26	9 x 1.25
PAT421	9	55	9 x 1	14	13	28	9 x 1.25
51MOT92	9	60	9 x 1	14	16	30	9 x 1.25
PAT425	11	48	11 x 1.25	19	8	21	11 x 1.25
PAT426	11	42	11 x 1.25	12	12	18	11 x 1.25



Oil Unions



Banjo

Part number	Pipe	Bolt Diameter
41EMBR188	6	7
30MOT203	6	9
30MOT148	8	7
30MOT174	8	9
39COMP93	8	11
PAT712	12	9
30MOT178	12	9
30MOT176	12	16
30MOT175	16	16



Banjo, Double

Part number	Pipe	Bolt Diameter
41EMB187	6	7
45MOT211	8	7



Nipple Nut

Part number	Thread	AF
PAT360	12 x 1.25	15
30CH32	14 x 1.25	17
30MOT319	18 x 1.50	22



Nipple

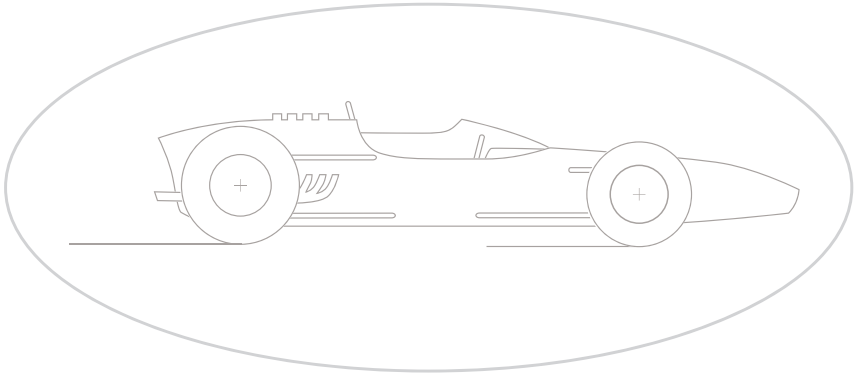
Part number	Part	Pipe	OD	Bore
30CH33	Nipple	6	7.5	4
PAT359	Nipple	6	10	4
30CH29	Nipple	8	10	6
30MOT318	Nipple	12	14	9

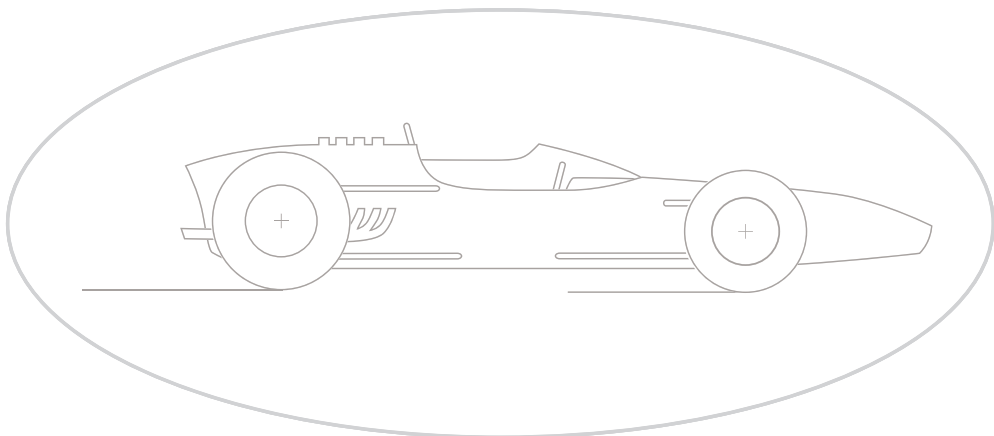


Union

Part number	Part	Thread	Bore
38CH146	Union	14x1.25	8







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