

MANX® PARTS LIST

The following sheets list the parts we can supply for the Manx Norton. Unless otherwise stated all parts are to 1961 specification, although we can supply some parts for DOHC long stroke and the Oldham Coupling short stroke motors. The Norton part numbers were issued sequentially, so the higher the part number the later that design was introduced. Part number 17000 equates with 1954, so parts with numbers before this fit the long stroke motors.

All parts are manufactured to the exact original specification, with the benefit of original drawings, which together with Norton's production schedules, jigs, fixtures and the rights to the Manx name reached us through the well documented route of Colin Seeley, John Tickle, Unity Equipe. No other manufacturer has access to this depth of information, which allows us to offer our parts as genuine replacements. Indeed some of our existing stock was manufactured by Norton Motors before the closure of Bracebridge Street. The balance is now made in our own workshops, predominantly on modern CNC equipment.

Complete engines are available to order, priced from £ 9100.00 excluding magneto and carb.

Whilst we ensure that our parts are made to the highest standards, as the fitment and use are outside our control, and as use for racing is likely to ultimately result in failure, we can accept no liability whatsoever for damage arising from such failure. This is a condition of our business, which you are deemed to have accepted upon purchasing parts from us. However, if on receipt of goods purchased from Molnar Precision Ltd., you are not totally satisfied with the quality of workmanship we will be happy to supply replacements or refund any monies paid.

Our normal terms of business are cheque with order. Please add sufficient to cover postage costs, or £10.00 if next day delivery by carrier is required. For urgent email or fax orders we can accept payment by credit card, but in this case 4% will be added to the order total to cover charges made to us by the card companies. Sorry, we cannot accept telephone orders

All UK & EC customers must add VAT at 17.5% to the prices listed.

Andy Molnar

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<u>PT. NO.</u>	<u>DESCRIPTION</u>	<u>QTY.REQ.</u>	<u>MODEL</u>	<u>PRICE .£</u>
A. CAMBOX				
	Cambox, Complete, Assembled. State 350 or 500	1		3100.00 ea
	Cambox, Complete, For Oldham Coupling Engines	1		p.o.a.
22369	Cambox Shell	1	Both	700.00 ea
22067	Cambox Outer Cover	1	Both	250.00 ea
15002	Cambox Outer Cover 1/4" Stud (short)	10	Both	4.50 ea
15005	Cambox Outer Cover 1/4" Stud (long)	2	Both	4.50 ea
14600	Nuts for Outer Cover Studs	14	Both	1.00 ea
T2221	Washer for Outer Cover Studs	16	Both	0.30 ea
18028	Outrigger Plate	1	Both	140.00 ea
18448	Outrigger Plate Support Stud	3	Both	6.00 ea
VP008	Nut & washer for Outrigger Plate Studs	3	Both	1.00 ea
17329	Shim for Outrigger Plate. State 3, 5 or 8 thou	As rqd	Both	2.00 ea
18358	Cambox Bevel Cover	1	Both	65.00 ea
E6430	Gasket for Bevel Cover	1	Both	2.00 ea
14105	Screws for Bevel Cover	4	Both	1.50 ea
20595	Cambox Input Bevel Gear	1	Both	90.00 ea
E4047	Nut - Bevel Gear Retaining	1	Both	11.00 ea
16121	Vernier Peg - Bevel Gear	1	Both	6.00 ea
E5944	Shim for 20595 Bevel Gear. State 5, 18 or 28 thou	As rqd	Both	2.50 ea
15996	Input Bevel Shaft	1	Both	85.00 ea
15989	Input Shaft Spacer	1	Both	9.00 ea
10338	Spur Gear - Input Shaft	1	Both	120.00 ea
E3683	Woodruff Key - Input Shaft Spur Gear	1	Both	1.00 ea
10370	Nut - L.H. - Input Spur Gear	1	Both	10.00 ea
18322	Ball Race for Input Shaft, behind Bevel Gear	1	Both	19.00 ea
E4209	Ball Race Retainer Plate	1	Both	5.00 ea
E3822	Csk Screw for Retainer Plate	3	Both	0.50 ea
18387	Roller Bearing for Input Shaft (in Outrigger Plate)	1	Both	35.00 ea
17517	Idler Shaft	2	Both	20.00 ea
17239	Idler Gear	2	Both	120.00 ea
10345	Idler Gear Bearing Cage	2	Both	20.00 ea
18367	Idler Gear Rollers	32	Both	0.30 ea
10365	Idler Gear Thrust Washer - Plain	2	Both	5.00 ea
17519	Idler Gear Thrust Washer - Drilled & Grooved	2	Both	8.00 ea
10372	Idler Gear Retaining Washer (presses into gear)	2	Both	6.50 ea
VP009/TH	Nut & Washer - Idler Shaft	2	Both	1.00 ea
10361	Camshaft	2	Both	46.00 ea
10364	Camshaft Nut (Left Hand Thread)	2	Both	8.00 ea
18366	Camshaft Ball Race (in main casting)	2	Both	16.00 ea
18387	Camshaft Roller Bearing (in outer cover)	2	Both	35.00 ea
23553	Roller Bearing Housing (in outer cover)	2	Both	60.00 ea
22384	Shim for 23553 Bearing Housing. State 3, 5 or 10 thou	As rqd	Both	2.50 ea
22068	Blanking Plug for Camshaft Hole (aluminium alloy)	2	Both	31.00 ea
22069	Shim for 22068 Plug State 5, 10, or 15 thou	As rqd	Both	2.50 ea
14598	Locking Plate for 22068	2	Both	4.00 ea
17249	Camshaft Top Hat Bush (shaft to roller bearing)	2	Both	8.00 ea
10376	Shim - 15 Thou - for Camshaft	As rqd	Both	1.00 ea
22390	Cam Gear	2	Both	120.00 ea
22405	Cam Gear Vernier Peg	2	Both	2.50 ea
23687	Cam - Inlet No. I 3823	1	350	90.00 ea
22388	Cam - Exhaust No. M 3916	1	350	90.00 ea
22387	Cam - Inlet No. I 5822	1	500	90.00 ea
22389	Cam - Exhaust No. M 5914	1	500	90.00 ea

<u>PT. NO.</u>	<u>DESCRIPTION</u>	<u>QTY.REQ.</u>	<u>MODEL</u>	<u>PRICE £</u>
15132	Pusher Bush	2	Both	22.00 ea
23668	Pusher 2 thou oversize available at £10.00 extra	2	Both	102.00 ea
17498	Pusher Cap, (thick, face down to required thickness)	2	Both	15.00 ea
10356	Cam Oil Feed Jet	2	Both	13.00 ea
10354	Holder for Oil Feed Jet	2	Both	13.00 ea
10011	Spring for Oil Feed Jet	2	Both	2.50 ea
10355	Nut for Jet Holder	2	Both	7.00 ea
10999	Union for Cambox Oil Feed Hose	1	Both	7.00 ea

Note: Complete Cambox Assembly includes all the above components.

17886	Cambox Through Bolt - Front - Extended	2	Both	17.50 ea
17885	Cambox Through Bolt - Rear	2	Both	13.00 ea
E5376	Washer - Cambox Bolts	4	Both	0.20 ea
19639	Tacho Gearbox	1	Both	130.00 ea
18386	Spacer Tacho Gearbox	1	Both	24.00 ea
16049	Screw - Tacho Gearbox Retaining	2	Both	3.00 ea
16050	Nut for 16049	2	Both	1.00 ea
20690	Cambox Oil Feed Hose Assy	1	Both	20.00 ea
E6004	Union for Valve Guide Oil Feed (Hairpin Spring Only)	2	Both	6.00 ea
VP104	Blanking Plug to Replace E6004, Coil Spring Engines	2	Both	2.50 ea

B. CYLINDER HEAD

All the following parts are to 1961 spec. We have stocks of most earlier type components, many being original Norton Parts.

23697	Cylinder Head, c/w seats and guides, beautifully gas flowed	1	500	1380.00 ea
23577	Cylinder Head, c/w seats and guides, beautifully gas flowed	1	350	1380.00 ea
23502	Valve Guide - Inlet - 5/16" Stem - "Colsibro"	1	Both	18.00 ea
	Oversize inlet valve guide +1/2, +1, +3, +6, +20 thou	As reqd	Both	22.00 ea
16584	Valve Guide - Exhaust - 13/32" Stem - "Colsibro"	1	Both	18.00 ea
	Oversize exhaust valve guide +1, +3, +10 thou	As reqd	Both	22.00 ea
23514	Inlet Valve	1	500	42.00 ea
19104	Exhaust Valve	1	500	42.00 ea
23515	Inlet Valve	1	350	42.00 ea
19105	Exhaust Valve	1	350	42.00 ea
17497	Valve Cap - Inlet	1	Both	5.00 ea
17496	Valve Cap - Exhaust	1	Both	5.00 ea
23503	Valve Collets - Inlet	1 Pr	Both	6.00 pr
18670	Valve Collets - Exhaust	1 Pr	Both	6.00 pr
23499	Valve Spring Top Collar for Hairpin Springs	2	Both	36.00 ea
14897	Hairpin Valve Spring - Cranked	2	Both	12.00 ea
14898	Hairpin Valve Spring - Straight (For Long Stroke engines use 4 off 14898 Straight Valve Spring)	2	Both	12.00 ea
17860	Valve Spring Bottom Plate for Hairpin Spring	2	Both	40.00 ea
18024	Retainer Stud for 17860	4	Both	4.50 ea
18373	Shim for 17860 - State 5, 10, or 15 thou	As reqd	Both	3.00 ea
14600	Nut for 18024	4	Both	1.00 ea
16600	Inlet Valve Guide Oil Feed Pipe & Sleeve Nut	1	Both	17.00 ea
16601	Exhaust Valve Guide Oil Feed Pipe & Sleeve Nut	1	Both	17.00 ea
15173	Cylinder Head Sleeve Nut	4	Both	16.00 ea
15175	Washer for Sleeve Nut	4	Both	3.50 ea
23692	Carb Spacer (Manifold) - Alloy	1	500	42.00 ea
23693	Carb Spacer (Manifold) - Alloy	1	350	42.00 ea
NR319	Carb Spacer (Manifold) - Mk 2 Concentric - Alloy	1	500	48.00 ea
20332	Tufnol Insulating Spacer	1	500	18.00 ea
23694	Tufnol Insulating Spacer	1	350	18.00 ea
23695	Carb Mounting Stud	2	500	5.00 ea
23696	Carb Mounting Stud	2	350	5.00 ea
VP008	Nut - Carb Stud	2	Both	1.00 ea
11790	Cylinder Head to Cambox Dowel	2	Both	2.00 ea
22773	Cylinder Head to Cambox Spacer	1	500	25.00 ea
23042	Cylinder Head to Cambox Spacer	1	350	25.00 ea

<u>PT. NO.</u>	<u>DESCRIPTION</u>	<u>QTY.REQ.</u>	<u>MODEL</u>	<u>PRICE £</u>
C. BARREL/PISTON				
23512	Cylinder Barrel, cast as original	1	500	500.00 ea
17266	Barrel Through Stud	4	500	17.50 ea
16575	Compression Plate, state 5, 10 or 125 thou thick	As rqd	500	10.00 ea
23507	Bare 2 Ring Piston, Pin & Circlips	1	500	237.00 ea
	Spare Circlip for our Piston Only	As rqd	500	1.50 ea
20624	Compression Ring - Steel - Nitrided	1	500	12.00 ea
20622	Oil Ring - Low Friction	1	500	11.00 ea
17464	Little End Bush - Scrolled	1	500	14.00 ea

Please note that our forged 500cc piston is of a modern design based on the 1961 drawing. It is 125 grammes (4 ounces) lighter than pattern pistons available elsewhere. Superior materials have allowed us to use a smaller diameter gudgeon pin, but this does necessitate the fitting of a new little end bush.

23513	Cylinder Barrel - Cast	1	350	500.00 ea
20349	Barrel Through Stud	4	350	17.50 ea
16574	Compression Plate - State Thickness	1	350	10.00 ea
23509	Bare 2 Ring Piston, Pin & Circlips	1	350	237.00 ea
	Spare Circlip for our Piston Only	As rqd	350	1.50 ea
20625	Compression Ring - Steel	1	350	12.00 ea
20623	Oil Ring - Low Friction	1	350	11.00 ea
17467	Little End Bush - Scrolled	1	350	14.00 ea

Our forged 350cc piston is also based on the 1961 drawing. It is 75 grammes (3 ounces) lighter than pattern pistons available elsewhere. It also uses a smaller (20mm) gudgeon pin than original, which gives a stronger component, but requires a new little end bush.

D. CRANKCASE ASSEMBLY

20628	Crankcases	1	500	1500.00 pr
20629	Crankcases	1	350	1500.00 pr
- - -	Crankcases for 1950 - '53 longstroke engines	1	500	1550.00 pr
17275	Drive Side Main Bearing Assembly	1	Both	156.00 ea
21485	Shim Washer for Drive Side Main Bearing	1	Both	4.00 ea
17199	Retaining Plate for Drive Side Main Bearing	1	Both	9.00 ea
E3822	Screw for 17199	4	Both	0.50 ea
18927	Timing Side Main Bearing Assembly	1	Both	95.00 ea
22720	Retaining Screw for Timing Side Main Bearing	6	Both	0.80 ea
	Crank Assembly, See Non Standard Engine Parts			
	Original Con Rod	1		p.o.a.
- - -	Special INA Big End Assembly for Standard Flywheels	1	Both	200.00 ea
17186	Big End Nut	2	Both	16.00 ea
E4221	Crankshaft Shim - 10 thou thick	As rqd.	Both	2.50 ea
22724	Crankcase Drain Plug. With Magnet Fitted	1	Both	18.00 ea
	Copper washer for Drain Plug	1	Both	0.50 ea
10999	Union - Crankcase Breather (1/4 BSP)	4	Both	7.00 ea
10992	Sleeve Nut for 10999	As rqd.	Both	3.00 ea
15843	Oil Scavenge Pick Up Tube (cut to length on installation)	1	Both	11.00 ea
15011	Union - Oil Feed/Return Pipes	2	Both	9.00 ea
20593	Crankshaft Bevel Gear	1	Both	90.00 ea
22774	Shim for Bevel Gear - State 5 thou or 10 thou thick	As rqd.	Both	2.50 ea
18992	Crankshaft Half Time Pinion (22T)	1	Both	50.00 ea
E3683	Woodruff Key for 18992 & 20593	2	Both	1.00 ea
E4073	Nut for 18992 (Left Hand Thread)	1	Both	10.00 ea
E6487	Oil Pump	1	Both	250.00 ea
E6487/05	5 thou Oversize Oil Pump for Worn Crankcases	1	Both	260.00 ea
E6497	Pump Body Screws (included with pump)	2	Both	3.50 ea
18871	Pump Wear Plate (alloy)	1	Both	3.50 ea
E6498	Pump Retaining Screw	2	Both	5.00 ea
10711	Oil Pump Drive Dog Plate	1	Both	10.00 ea
20787	Oil Pump Drive Pinion (44T) With Integral Shaft	1	Both	78.00 ea
15006	Oil Pressure Relief Valve Screw	1	Both	10.00 ea
15007	Oil Pressure Relief Valve Nut	1	Both	3.00 ea

<u>PT. NO.</u>	<u>DESCRIPTION</u>	<u>QTY.REQ.</u>	<u>MODEL</u>	<u>PRICE £</u>
13665	Oil Pressure Relief Valve Spring	1	Both	3.00 ea
17706	Oil Pressure Relief Valve Ball	1	Both	0.50 ea
16598A	Breather Pipe 'U' Shape Behind Timing Cover	1	Both	16.00 ea
16598B	Breather Pipe Front of Crankcase	1	Both	16.00 ea
16598C	Breather Pipe Behind Drive Sprocket/Pulley	1	Both	16.00 ea
16138	Oil Filter Bolt (screws in front of Crankcase)	1	Both	18.00 ea
15531	Copper Washer for 16138	1	Both	0.50 ea
18378	Inner Timing Cover with Bush	1	Both	395.00 ea
E4048	Bush for Inner Timing Cover, Scrolled	1	Both	15.00 ea
15845	Gasket - Inner Cover to Crankcase	1	Both	2.00 ea
16181	Stud - Inner Cover to Crankcase (top)	1	Both	5.00 ea
16182	Shim on 16181 Stud, Between Crankcase and Inner Cover	1	Both	1.50 ea
VP009	Nut for 16181	1	Both	1.00 ea
16253	Lock Washer for 16181	1	Both	1.00 ea
14105	Screw - Inner Cover to Crankcase	5	Both	1.50 ea
18370	Outer Timing Cover	1	Both	95.00 ea
14105	Screw - Outer Cover - Short	4	Both	1.50 ea
22639	Screw - Outer Cover - Long (bottom)	1	Both	2.50 ea
10007	Big End Oil Feed Jet	1	Both	11.00 ea
10011	Spring for Oil Feed Jet	1	Both	2.50 ea
10237	Holder for Big End Oil Feed Jet	1	Both	13.00 ea
10238	Round Cover Nut for Big End Oil Feed Jet	1	Both	9.00 ea
16660	Magneto Bottom Drive Sprocket	1	Both	31.00 ea
VP009/TH	Nut for 16660	1	Both	1.00 ea
15745	Magneto Top Driven Sprocket	1	Both	31.00 ea
18388	Magneto Chain	1	Both	16.00 ea
16137	Oil Filter Gauze - In Timing Cover	1	Both	16.00 ea
14930	Oil Filter Slotted Tube/Blanking Plug Assembly	1	Both	29.00 ea
14979	Copper Washer for Oil Filter	1	Both	2.00 ea
	Felt for Magneto Seal available in 6, 8 and 12 mm	1	Both	5.00 ea

F. BEVEL DRIVE ASSEMBLY

23489	Lighthouse Tower	1	350	340.00 ea
23496	Lighthouse Tower	1	500	340.00 ea
E6163	Stud - Lighthouse Tower to Crankcase	4	Both	4.00 ea
VP132	Nut for E6163	4	Both	1.00 ea
VP014	Washer for E6163	4	Both	0.60 ea
22394	Bottom Bevel Shaft	1	Both	165.00 ea
23505	Splined Connecting Tube	1	350	85.00 ea
23504	Splined Connecting Tube	1	500	85.00 ea
22393	Top Bevel Shaft	1	Both	165.00 ea
22400	Needle Roller Bearings for Bevel Shafts	4	Both	7.00 ea
22403	Spacer Between Bearings	2	Both	9.00 ea
22775	Bronze Thrust Washer	2	Both	9.00 ea
22774	Bevel Shaft Shims – 5 or 10 thou thick	As reqd	Both	2.50 ea
22402	'O' Ring - Top of Lighthouse Tower	1	Both	3.00 ea

OLDHAM COUPLING ENGINES 1954 - 1958

18018	Top Bevel Housing fitted with Needle Rollers to take Splined Bevels	1	Both	210.00 ea
14942	Rubber Seal - Cambox to Cylinder Head	1	Both	10.00 ea
17962	Shim for 14942 Seal	1	Both	n.y.a.
17314	Tube	1	Both	38.00 ea
18042	'O' Ring - Tube to Barrel	1	Both	2.00 ea
18589	Large Gland Nut	1	Both	35.00 ea
E5555	Copper/Asbestos Washer for 18589 Nut	1	Both	3.00 ea
18384	'O' Ring for 18589 Nut	2	Both	1.50 ea
20626	Bottom Bevel Housing fitted with Needle Rollers to take Splined Bevels	1	Both	220.00 ea

<u>PT. NO.</u>	<u>DESCRIPTION</u>	<u>QTY.REQ.</u>	<u>MODEL</u>	<u>PRICE £</u>
NON STANDARD ENGINE PARTS				
NR340	Pressed Up Crank Assembly, For Increased Rigidity	1	500	1050.00 ea
	INA Needle Roller Big End, Carillo Con Rod	1	500	1400.00 ea
NR341	As Above with Titanium Con Rod	1	350	1050.00 ea
NR342	Crank Assembly, Carillo Con Rod	1	350	1400.00 ea
NR343	Crank Assembly, Titanium Con Rod	1	500LS	1150.00 ea
---	Crank assembly for long stroke engines	1	Both	25.00 ea
NR323	Coil Valve Spring, Inner / Outer	2	Both	75.00 ea
NR323AA	Super High Performance Valve Springs, Up to 9,500 rpm	2	Both	22.00 ea
NR324	Coil Valve Spring Top Collar, Titanium	2	500	29.00 ea
NR325	Enclosures for Coil Valve Spring	2	350	29.00 ea
NR326	Enclosures for Coil Valve Spring	2	500	42.00 ea
NR320	Lightweight Exhaust Valve - 5/16" Stem, Stainless	1	350	42.00 ea
NR321	Lightweight Exhaust Valve - 5/16" Stem, Stainless	1	Both	18.00 ea
NOTE: Use INLET valve guide, collets & cap with NR320 & 321				
NR327	Oil Drain Union for Coil Spring Engines	2	Both	8.00 ea
NR328	Packer for Valve Spring, state 40,60,80,100 thou	As reqd	Both	6.00 ea
NR330	Exhaust Lock Ring, Cast in Al. Alloy, Lighter but Weaker	1	Both	18.00 ea
NR331	Kit of parts to convert Oldham Coupling Drive Tower to Splined Drive Specification			530.00 set
	Above parts supplied & fitted to your original tower castings			630.00
NOTE: When fitting NR331 to Pre '57 fine pitch engines you also need to fit new coarse pitch crankshaft bevel gear, part no. 20593 and cambox bevel gear, part no. 20595, and modify the crankcases.				
NR329	Vernier Belt Drive Assembly for Magneto (replaces chain)	1	Both	165.00 set
NR330	Vernier Chain Sprocket Assembly for Magneto	1	Both	75.00 ea
18927HC	High Capacity Timing Side Main Bearing	1	Both	420.00 ea

A range of light alloy and Titanium parts are also available, prices on application.
Details of our 90 and 95 bore short stroke 500cc engines are also available on request.

G. PRIMARY DRIVE & GEARBOX

19834	Engine Sprocket- State Teeth, 18T-23T available	1	Both	55.00 ea
E4210	Nut & washer for Engine Sprocket	1	Both	8.00 ea
17200	Lock Washer for E4210	1	Both	2.00 ea
20928	Primary Chain – Regina GP with Spring & Rivet Links	1	Both	33.00 ea
---	Belt Drive Assembly	1	Both	from 470.00 set
NR345	Drive Side Oil Seal Assembly (for use with belt drive)	1	Both	35.00 set
---	Quaife 5 Speed Gearbox, properly set up and ready to go	1	Both	from 1750.00 ea
---	Quaife 6 Speed Gearbox, various options	1	Both	2450.00 ea
12368	Gearbox Sprocket- State Teeth, 15T-20T	1	Both	20.00 ea
12368	Gearbox Sprocket – State Teeth, 21T – 24T	1	Both	27.00 ea
---	Alloy Belt Guard with All Fittings	1	Both	130.00 ea
---	Fibreglass Belt Cover No Fittings	1	Both	45.00 ea
---	As Above in Carbon	1	Both	60.00 ea

H. ENGINE PLATES AND MOUNTINGS

NR210	Set of Engine Plates	1	Both	145.00 set
E6139	Crankcase Mouth Clamp Bolt,Nut,Washers	2	Both	8.00 ea
15242	3/8" Front Eng Plate/C.case Through Bolt,Nut,Washer	2	Both	8.00 ea
15732	3/8" Front Bottom Crankcase Stud,Nuts,Washers	1	Both	6.00 ea
14191	5/16" Crankcase Sump Bolt,Nut,Washer	4	Both	8.00 ea
16676	5/16" Rear Bottom Eng Plate/C.case Thru Bolt,Nut,W	1	Both	8.00 ea
15239	3/8" Rear Eng Plate/C.case Through Bolt,Nut,Washer	3	Both	8.00 ea
15247	Engine Plate to Frame Bolt,Nut,Washer	6	Both	5.00 ea
23516	Head Steady Plate Assembly	1	500	26.00 ea
23518	Head Steady Plate Assembly	1	350	26.00 ea
16016	Head Steady Adjustable Strut	1	Both	40.00 ea
15142	Gearbox Top Mounting Bolt & Nut	1	Both	19.00 ea
FG50	Gearbox Bottom Mounting Stud & Nuts	1	Both	8.00 ea
15162	Gearbox Adjuster & Nuts	1	Both	14.00 ea
15115	Anchor Bolt for Gearbox Adjuster	1	Both	9.00 ea

Titanium or aluminium replacements for the above are available, prices on application.

<u>PT. NO.</u>	<u>DESCRIPTION</u>	<u>PRICE £</u>
J. FORKS AND YOKES		
NR044	Top Yoke, Dural Replica, Saves 600g	75.00 ea
	Standard finish is polished, add £8.00 for black stove enamel	
19699	Steel Bottom Yoke / Stem, including Pinch Bolts	295.00 ea
VP407	Bottom Yoke, Dural, Our Design, Saves 400g, cannot be used with original steering damper	115.00 ea

Yokes are also available in wider (7.3/8") format and also in magnesium, for full details see our Norton & Triton Performance Components catalogue.

VP086	Steering Column Top Nut, Stainless	15.00 ea
VP042	Steering Column Adjuster Nut, Stainless	12.00 ea
VP088	Steering Bearing Cover Plate, Stainless	6.00 ea
67604	Steering Bearing, Sealed	7.00 ea
VP410LW	'Clip On' Handlebars, Lightweight Aluminium	95.00 pr
22908	Front Cowl ('Fly screen') Black Glass fibre 1961 Specification	28.00 ea
22907	Perspex Screen for Cowl	23.00 ea
22856	Top Mounting Bracket for Cowl / Rev Counter	18.00 ea
22905	Lower, Side Brackets for Front Cowl	25.00 pr
---	Complete set of Forks, excluding Yokes for 2LS Conical Hub, using Cast Sliders	770.00 pr
---	Complete set of Forks, excluding Yokes for 4LS Hub using Forged Sliders (Can also be used for 2LS)	1040.00 pr
50150	Original Type Steering Damper, incl Wing Nut & Bottom Plate	53.00 ea
---	'Sprint' Fully Adjustable & Rebuildable Steering Damper with Fitting Kit	190.00 set
19706	Alloy Front Mudguard, Stoved Black	68.00 ea
19483	Polished Alloy Y Brackets for Front Guard	43.00 pr

Both types of fork assembly can be supplied in lightweight format with exposed stainless springs and dural nuts and retainers or as original with steel stanchion top nuts and enclosed fork springs, please add £110 to the above prices for this option. **NB.** Cast sliders are a budget option, not an exact replica of originals. All fork component parts can be supplied individually, phone for a price list.

K. FRAME & FITTINGS

We do not claim that parts in this section of the catalogue are exact replicas of the original Norton Parts. They are our Manx parts for Classic racing today.

23483	Featherbed frame and swing arm, made to original drawing but using lighter gauge T45 tube. Available either in Standard specification, or Grand Prix specification which has integral fairing mounts etc.	1800.00 ea
VP291	Swing Arm Spindle, 1/2" Diameter, Solid 1951-60	8.00 ea
23415	Swing Arm Spindle, 3/4" Diameter, Hollow 1961 onwards	25.00 ea
20638	'Hagon' Shocks - Chrome Springs (state rider weight)	115.00 pr
---	All Alloy 'Maxton' Shocks (excellent performance saves 1lb)	410.00 pr
FY6	Suspension Mounting Bolts (4)	10.00 set
NR420	Alloy Knurled Footrests	9.00 ea
NR421	Adapters to mount Footrest to Swing Arm, State Solid or Hollow Spindle	12.00 ea
22723	Alloy Rollover Gearchange Pedal, Linkage & Gearbox Toggle	100.00 ea
---	Short Reverse Gearlever, Steel	50.00 ea
19801	Alloy Brake Pedal	45.00 ea
15819	Brake Rod Assembly	32.00 ea
NR424	Brake Pedal Stop Plate Assembly	30.00 ea
NR426	Left Foot Gearchange / Right Brake Conversion Kit	350.00 set
NR427	Supplementary Kit to Convert Brake to Cable Operation	45.00 set
16182	5 Gallon Alloy Petrol Tank, Unpolished, Unpainted.	p.o.a.
---	2.5 Gallon Alloy Short Circuit Petrol Tank, Unpolished, Unpainted	p.o.a.
18445	Petrol Tank Mounting Rubbers	3.00 ea
---	Petrol tap	12.00 ea
23582	Alloy Oil Tank, Unpolished, Unpainted	p.o.a.
---	Painting & Lining Petrol Tanks	210.00 ea
---	Painting & Lining Oil Tanks	110.00 ea
---	Polishing Petrol Tanks	30.00 ea
---	Polishing Oil Tanks	15.00 ea
19812	Rubber Petrol Tank Strap Assembly, State Large or Small Tank	35.00 ea
19812	Original Metal Tank Strap	n.y.a.
19814	Original Type Petrol Tank Toggle Assembly, Chrome	29.00 ea
23584	Oil Tank Mounting Assy, including Rubber Bottom Restraining Bands	24.00 set
18912	Oil Tank Feed Union & Filter Assy - Original Type	42.00 ea
23528	Oil Feed Pipe - Original Type	26.00 ea
18912A	Oil Tank Feed Union & Filter Assy - Banjo Type for Easier Alignment	32.00 set
23528A	Oil Feed Pipe (to suit above)	21.00 ea
23529	Oil Return Pipe	19.00 ea

<u>PT.NO.</u>	<u>DESCRIPTION</u>	<u>PRICE £</u>
20250	Rear Wheel Enclosure / Mudguard, Black Glass Fibre	55.00 ea
20250C	As above, carbon fibre	75.00 ea
19706C	Front Mudguard, Black Carbon Fibre	46.00 ea
22873	Complete Seat, Glass fibre Base	80.00 ea
22873C	As above carbon fibre base	95.00 ea
---	'Kirby' Molnar Manx Fairing with Belly Pan in Glass fibre – Also Fits Most Singles	190.00 ea
---	'Kirby' Fairing in Carbon	280.00 ea
---	Mounting Kit for Above Fairings	145.00 set
	Parts listed in Glass fibre/Carbon are available in a choice of colours to special order	

L. WHEELS

NR003	8" TLS Conical Front Hub Assembly, Magnesium Alloy, Complete, '57 - '61 Specification	1500.00 ea
NR004	As NR003, in Aluminium Alloy	1350.00 ea
NR080	7" 4LS Double Sided Front Hub Assembly, '62 Specification Magnesium Alloy, Complete	1850.00 ea
NR042/3	Front Wheel Spindle & Nut	45.00 set
NR100	Conical Rear Hub Assembly, Magnesium Alloy, Complete	1330.00 ea
NR101	As NR100 in Aluminium Alloy	1180.00 ea
NR110	Rear Wheel Sprocket, State Teeth, 44 - 48T.	35.00 ea
	Rear Wheel Sprocket, 49T upwards	40.00 ea
---	Conversion of Rear Brake to Floating, Including Torque Stay	190.00 ea
NR126	Rear wheel spindle	20.00 ea
NR127	Rear wheel spindle nut (2 reqd)	7.50 ea
18255	Rear Wheel Adjusters - Stainless	32.00 pr
15704	Rear Brake Torque Stay – Dural Blank for You to Drill	8.00 ea
15704	Rear Brake Torque Stay – Fully Machined and Polished	20.00 ea
19635	Guide Stay for Front Brake Cable	7.50 ea
21157	Regina Grand Prix Chain – Light & Strong - 102 links	56.00 ea

Data sheets for hubs are available on request. All hub component parts are available individually, phone for a price list. We can have hubs built up into a wheel. Cost from £ 195.00 using valanced alloy rim and stainless steel spokes.

M. ANCILLARIES

---	Ignition systems – see Manx engine options	from 400.00
20330	GP Carb - Most Bore Sizes	575.00 ea
---	Gardner Carb - State Bore Size	from 270.00 ea
18442	Twist Grip- State Original 'Amal' type or 'Tomasselli' Quick Action	30.00 ea
---	Float Chamber - Modified design, Suits GP or Gardner, & Mounting Stud	135.00 ea
18404	Rubber Mount for Float Chamber	29.00 ea
23691	Float Chamber Mounting Bracket & Rivets - Late Type	6.00 ea
19587	Conical ATRC Smiths Rev Counter, 9000 RPM, Exact Replica	600.00 ea
---	Conical Rev Counter, Budget Replica	260.00 ea
19590	Anti Vibration Mounting Ring for Rev Counter	30.00 ea
19895	Tacho Cable, 24"	25.00 ea
---	Krober Electronic Rev Counter, Ugly but Accurate! Various Options	from 205.00 ea
---	Scitzu Inductive Pick Up Tacho, Electronic Ignition Only	135.00 ea
22856	Tacho & Flyscreen Top Mounting Bracket	18.00 ea
18196	Exhaust Pipe Lock Ring - Finned - Bronze	36.00 ea
E5555	Copper/Asbestos Gasket - Exhaust Pipe to Head	3.00 ea
Exhaust Systems	We can supply a range of exhausts from original to modern:	
22074	Standard Chrome 1961 Pattern Low Level Exhaust Pipe – 500cc	120.00 ea
23672	Standard 1961 Pattern Chrome Megga – Unsilenced – 500cc	100.00 ea
23673	Mounting Muff for Standard 1961 Megga	35.00 ea
---	Pipes / meggas for 350's to order	p.o.a
---	Slip on Silenced Megga for standard Pipe appx. 105 dBa Gives Drastic Increase in Mid Range.	
	Mild Steel	260.00 ea
	Stainless	320.00 ea
---	Hi-level, Lightweight, Silenced Exhaust System Developed for Optimum Torque & Power.	
	Mild Steel with Fittings	from 400.00 ea
	Stainless with Fittings	from 480.00 ea

N. WORKSHOP TOOLS

25000	Magneto Sprocket/Pulley Puller	15.00 ea
25018	Puller for vernier centre only on magneto	35.00 ea
25001	Oil Pump Puller	20.00 ea
- - -	5/16" BSF Tap, Required to Tap Threads in Pump Before Using 25001	8.00 ea
25002	Extended 5/16" Whit 3/8" Square Drive Socket for Head & Cambox Bolts	16.00 ea
25003	7/8" Whit Box Spanner for Gearbox Sprocket	12.00 ea
25004	Front Primary Drive Pulley Extractor	7.00 ea
25005	'C' Spanner for Standard Exhaust Lock Ring	15.00 ea
25006	Piston Ring Clamp 86 – 90mm	11.00 ea
25007	Main Jet Key for GP Carb	7.00 ea
25008	Extended Temporary Valve Cap to Aid Setting Valve Timing	p.o.a
25009	Holding Block for Cam Gear Assembly to Aid Tightening	40.00 ea
25010	Cylinder Head Alignment Jig – Lighthouse Tower Engines Only	p.o.a.
25011	'U' Spanner for Fork Oil Seal Holder	20.00 ea
25012	Clutch puller, for our clutches only	15.00 ea
25013	Clutch locking tool, for our clutches only	18.00 ea
25014	Fork damper rod pick up tool	7.50 ea
14797	Sturdy Paddock Stand Complete with Bobbins to Fit to Bottom Suspension Mount	70.00 ea
- - -	Very Clever Front Stand, Allows Front Wheel to be Removed with Fairing On	150.00 ea
25015	Special DTI (clock) and Adapters to Check Valve Timing, To Order Only	p.o.a.
25016	Special Spanner & Socket for Tightening Camshaft Nuts	85.00 ea
25017	Optical Timing Detector for Static Timing of Magneto	42.00 ea

P. WORKSHOP SERVICES

We offer a complete rebuild service for all Manx engines, be they original or replica, our manufacture or others.

Supply and fit new Iron liner to original 76 or 86mm barrel	225.00
As above on exchange basis (dependant on condition of your casting)	275.00
Supply, fit and machine cut outs in pusher bushes to your cambox	90.00
Convert original head to coil springs (machining only, parts extra)	90.00
Supply, fit and bore little end bush true to big end	45.00
Supply, fit and grind big end ring to con rod	80.00
Assemble & align crank assembly	40.00
Supply & fit base plate & studs to PAL magneto	80.00
Supply & fit base plate & studs to SR1 magneto	125.00
Lighten clutch drum	25.00
Lighten clutch pressure plate	35.00
Dyno time, per hour	40.00

Q. LUBRICANTS

We use and thoroughly recommend Morris Lubricants for all our race engines. Due to the weight any order for oil costs £10.00 plus VAT to send (UK only) as it has to go by carrier, but any other items will be sent free of carriage charge if ordered with oil.

MLR40	Castor Oil. The only engine oil for Manx, G50 & 7R, 5 litre can	26.00
Elite 40	Monograde ideal for Classic road bikes, 5 litre can	13.00
Race Gear Oil	75 weight fully synthetic, low drag, 1 litre bottle	6.00
Race Chainlube	Brilliant stuff! Clear aerosol, 'pongs' a bit but sticks like the proverbial, 200ml aerosol	3.00

There is now a North America distributor for Morris Lubricants. The contact is Robert Bauer at Classic Oil Supply. Phone & fax 804 261 4140, Email classicoilsupply@aol.com

