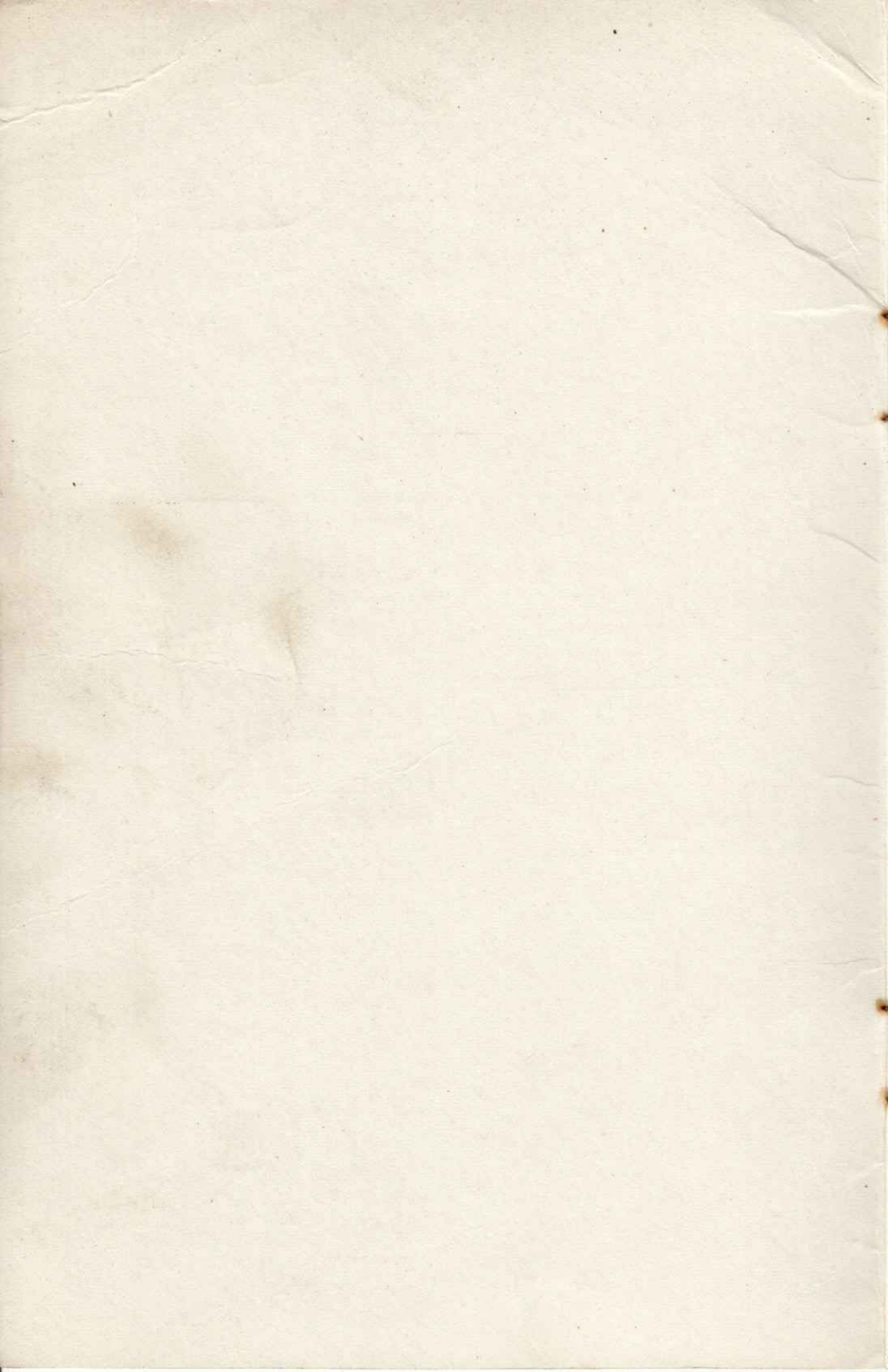




***NORMAN* Nippy**
DE LUXE

Mark IV Spare Parts

Price : TWO SHILLINGS



**NORMAN
NIPPY MK. IV
SPARE PARTS**

It is to the benefit of the customer to note the following points when ordering spare parts :—

Ask for genuine Norman spares always.

Give list number of part accurately.

Give a description of part required.

In case of doubt, send old part as pattern.

ALWAYS QUOTE :—

- 1. ENGINE NUMBER.**
- 2. FRAME NUMBER.**

Do please remember Service Departments are always very busy. You can help us to give good service by observing the points mentioned above.

SPARE OR REPLACEMENT PARTS ORDERS

All spares and replacement parts, including engine parts can be sent against receipt of remittance or under the Post Office C.O.D. system.

It should be noted that bulbs, which carry purchase tax, cannot be supplied by C.O.D. post. They can only be supplied on a cash basis.

Business in connection with spare parts must always be treated on a Cash basis and sufficient should be included to cover the cost of postage. If this is not done, a surcharge of 5 per cent. to cover postage or carriage and packing will be charged (subject to a minimum of 6d.).

Unless otherwise instructed, all parts will be sent by C.O.D. post (weight permitting) when remittance does not accompany the order.

When making remittances by telegraph money order, the name and address of sender MUST be included in the space provided on the Post Office requisition form for a private message from remitter to payee; unless this is done the Post Office does not give this information upon a telegram.

When sending parts for replacement, repair, or as pattern, the name and address of the owner must always be securely attached and full instructions explaining what is required should be sent separately by post.

Old or worn parts sent as pattern are not returned unless specially asked for by the owner at the time of sending them to us.

In the event of correspondence relating to Spare Parts or Repairs, always quote our Invoice Number.

PLEASE QUOTE FRAME & ENGINE NUMBER

FRAME SECTION

Description	Part No.	Qty.	Price each		
			£	s.	d.
Frame centre	M61-001N	1	6	7	1
Rear spring box unit comp.	M61-100	2	1	2	11
Rear spring box eye boss.	M61-105	4		1	1
Rear spring box bearing rubber buffers	M61-107	4			3
Rear spring box eye boss sleeve	M61-106	4			4
Shroud tube	M61-101	2		2	11
Inner tube assy.	M61-102	2		8	7
Spring adaptor	M61-104	4		1	6
Rear spring box spring	M61-103	2		1	7
Overload rubber insert	M61-109	2		1	4
Spring box stops (rubber)	M61-108	2			5
Top spring box fixing stud	M61-110	1		2	8
Top spring box fixing stud nut	M61-111	2		1	9
Stud washer	$\frac{3}{8}$ " pln	4			2
Chain guard	M61-350	1		5	0
Chain guard fixing bolt (front)	No. 12 sp screw	1			5
Chain guard fixing nut (front)	No. 12 sp nut	1			3
Chain guard fixing bolt (rear)	No. 10 sp screw	1			5
Chain guard fixing nut (rear)	No. 10 sp nut	1			3
Silencer bracket	M61-045	1		2	0
Silencer bracket bolts	BSF $\frac{5}{8}$ x $\frac{5}{16}$	2			6
Silencer bracket nuts	$\frac{5}{16}$ BSF	2			2
Silencer bracket washer	$\frac{5}{16}$ spring	2			1
Swinging arm forged	M61-150	1		2	11 11
Swinging arm (pressed ends)	M61-150	1		2	11 11
Swinging arm bronze brushes	M61-154	8			9
Swinging arm pivot pins	M61-155	1		3	10
Swinging arm pivot pins washer	1" x $\frac{7}{16}$ "	2			8
Pivot pin circlip	$\frac{7}{16}$ " circlip	2			2
Frame trim	M61-030N	1		3	0
Cable guide cover	M61-032	1		3	9
Cable cover washer	$\frac{1}{4}$ " pln	2			1
Cable cover nut	$\frac{1}{4}$ " BSF	2			2

FORK SECTION

Front fork complete	M61-200	1		7	8 2
Fork girder	M61-203	1		3	10 2
Fork crown plate	M61-213	1			3 9

page four

PLEASE QUOTE FRAME & ENGINE NUMBER

PLEASE QUOTE FRAME & ENGINE NUMBER

Fork Section—cont.

Description	Part No.	Qty.	Price each		
			£	s.	d.
Crown plate bolts	$1\frac{1}{2}$ " x $\frac{5}{16}$ " BSF	2			4
Crown plate bolt washers	$\frac{5}{16}$ " plain	2			3
Crown plate bolt distance piece	M61-214	2			7
Crown plate bolt nuts	$\frac{5}{16}$ " Simmonds	2			3
Crown plate rubber grommet	M61-235	2			3
Head lock nut	M61-232	1	1		1
Head distance piece	M61-231	1			5
Head screwed race	M61-230	1	2		5
Top frame race	M61-227	1	1		4
Bottom frame race	M61-228	1	1		8
Fork crown race	M61-229	1	1		0
Head ball bearings	$\frac{3}{16}$ "	44	2		0
Fork links c/w spring bush	M61-218	2	15		5
Fork springs	M61-220	2	5		3
Fork links	M61-219	2	9		5
Fork link bush	M61-221	2			9
Fork link rivets	M61-222	2			5
Top spring anchor pin	M61-224	2			9
Anchor pin circlip	M61-225	2			2
Fork spring stop pin rear	M61-224	2			3
Stop pin circlip	M61-225	2			2
Fork spring stop pin front	M61-224	2			9
Stop pin circlip	M61-225	2			2
Rubber buffer rear	M61-234	2			6
Rubber buffer front	M61-233	2			6
Fork link swivel pins	M61-223	2	3		7
Swivel pin nuts	$\frac{3}{8}$ " Simmonds	2			11
Swivel pin lubricators	M61-226	2			3
Fork link pinch bolt	1" x $\frac{5}{16}$ " BSF	2			3
Pinch bolt washer	$\frac{5}{16}$ " spring	2			2
Headlamp cowl (old pattern)	LFK 23	1	8		0
Cowl attachment screws	$\frac{3}{16}$ " x $\frac{1}{2}$ " BSF	6			2
Cowl attachment washers	$\frac{3}{16}$ " plain	6			1
Headlamp cowl (new pattern)	M61-250	1	12		6

WHEELS

Front wheel complete less tyre and tube	M61-600B	1	3	1	8
Front hub complete	M61-601B	1	2	10	8

page five

PLEASE QUOTE FRAME & ENGINE NUMBER

PLEASE QUOTE FRAME & ENGINE NUMBER

Wheels—cont.

Description	Part No.	Qty.	Price each		
			£	s.	d.
Front hub shell only	M61-602B	1	1	9	6
Front or rear rim	M61-630	1	15	0	
Front or rear spokes	M61-628	36		3	
Front or rear spokes with nipples	M61-629	36		3	
Hub spindle bare	M61-615B	1	3	8	
Hub spindle complete less ball bearings	M61-614B	1	13	4	
Brake side plate c/w cam and lever	M61-604B	1	12	1	
Brake side plate complete with cam, lever shoes, springs	M61-603B	1	1	5	9
Brake cam	M61-606B	1		3	8
Brake shoes complete front or rear	M61-607B	1	12	10	
Brake linings front or rear	M61-611B	1 pr		3	6
Brake lining rivets front or rear	M61-612B	16			
Brake return spring front or rear	M61-613B	2		5	
Ball cups	M61-616B	2		9	
Ball bearing front	$\frac{1}{4}$ " balls	18		2	
Cam lever complete with shackle and rivet	M61-605B	1	1	4	
Adjusting cone	M61-617B	1	1	2	
Fixed cone	M61-618B	1	1	2	
Locknut (large)	M61-621B	2		3	
Distance piece	M61-623B	1		4	
Locknut (small)	M61-622B	1		3	
Spacer	M61-624B	1		9	
Plain washer $\frac{3}{8}$ "	$\frac{3}{8}$ " plain	1		2	
Spindle sleeve nut	M61-620B	2		11	
Plain washer $\frac{3}{8}$ "	$\frac{3}{8}$ " plain	2		2	
Washer for felt	M61-626B	2		3	
Oil retaining felts	M61-625B	2		3	
Dust covers	M61-619B	2		4	

WHEELS

Rear wheel complete less tyre, tube and sprocket	M61-650B	1	4	5	8
Rear hub complete	M61-651B	1	3	4	2
Rear hub shell only	M61-652B	1	1	15	0
Spindle (bare)	M61-665B	1		5	9

page six

PLEASE QUOTE FRAME & ENGINE NUMBER

PLEASE QUOTE FRAME & ENGINE NUMBER

Wheels—cont.

Description	Part No.	Qty.	Price each	
			£	s. d.
Spindle complete less ball bearings	M61-664B	1	16	11
Brake side plate complete cam, lever, shoes and springs	M61-653B	1	1	7 11
Brake side plate c/w cam and lever	M61-654B	1	14	7
Brake cam	M61-656B	1	3	8
Cam lever with roller	M61-655B	1	3	10
Brake shoes complete front or rear	M61-607B	1 pr	12	6
Brake linings	M61-611B	1 pr	3	6
Rivets	M61-612B	16		
Brake return springs front or rear	M61-613B	2		5
Adjusting cone	M61-667B	1	1	4
Fixed cone	M61-668B	1	1	4
Ball bearings	$\frac{1}{4}$ " balls	20		2
Ball cups	M61-666B	2	1	2
Washers $\frac{3}{4}$ " x $\frac{7}{16}$ "	$\frac{3}{4}$ " x $\frac{7}{16}$ "	2		2
Adjusting cone locknut	M61-671B	1		5
Distance piece	M61-673B	1		9
Spindle nuts	$\frac{7}{16}$ " x 26T	2		10
Brake side plate locknut	M61-672B	1		10
Dust cover	M61-669B	2		5
Oil-retaining felt	M61-675B	2		5
Washer for felt	M61-676B	2		3
Lever washer	$\frac{1}{4}$ " plain	1		2
Lever nut	$\frac{1}{4}$ " x 26T	1		2
Chain adjusters	M61-690	2		9
Rear wheel sprocket. 32T	M61-680V	1	8	4
Rear wheel sprocket bolts	$\frac{1}{4}$ " BSF	5		3
Rear wheel sprocket bolt washers	$\frac{1}{4}$ " locking	5		1
Driving chain, 99 links	M61-685V	1	Mfg price	
Rear brake rod	M61-415V	1	3	5
Rear brake rod split pin	$\frac{1}{16}$ " pin	1		2
Rear brake rod washer	$\frac{1}{4}$ " plain	1		1
Rear brake rod locknut	$\frac{1}{4}$ " BSF	1		2
Rear brake rod adjuster nut	M61-416	1	1	2
Tyre	23 x 2.00	2	Mfg price	
Tube	23 x 2.00	2	Mfg price	
Rim tape	M61-627	2	Mfg price	

PLEASE QUOTE FRAME & ENGINE NUMBER

Wheels—cont.

Description	Part No.	Qty.	Price each		
			£	s:	d.
FOR SACHS ENGINE					
Rear wheel sprocket 28T	M61-680S	1	8	4	
Driving chain, 95 links	M61-685S	1	Mfg price		
Rear brake rod	M61-415S	1	3	5	

WHEELS (FORNI)

Front wheel, etc., with Forni hub

Front hub complete	M61-601F	1	2	10	8
Front hub shell	M61-602F	1	1	8	9
Brake side plate comp with cam, lever, shoes and springs	M61-603F	1	1	5	9
Brake side plate bare	M61-604F	1	7	1	
Brake shoe complete LH	M61-607F	1	6	5	
Brake shoe complete RH	M61-608F	1	6	5	
Brake linings	M61-611F	1 pr	3		
Brake linings and rivets	M61-612F				
Wheel spindle only	M61-615F	1	3	8	
Ball cups	M61-616F	2		9	
Ball bearings	1/4"	20		2	
Wheel cones	M61-617F	2	1	2	
Dust cover	M61-619F	2		4	
Tab washer	M61-623F	2		2	
Lock nut	M61-621F	4		4	
Cam lock nut	M61-640F	1		4	
Cam washer	M61-641F	1		2	
Brake lever	M61-605F	1	1	4	
Brake cam	M61-606F	1	3	8	
Wheel nut	M61-620	2		11	
Spacer	M61-624F	2		9	
Front wheel complete (W/Forni hub), less tyre and tube	M61-600F	1	3	1	8

WHEELS (FORNI)

Rear wheel with Forni hub

Rear wheel complete less tyre, tube and sprocket	M61-650F	1	4	5	8
Rear hub complete (Forni)	M61-651F	1	3	4	2

page eight

PLEASE QUOTE FRAME & ENGINE NUMBER

PLEASE QUOTE FRAME & ENGINE NUMBER

Wheels (Forni)—cont.

Description	Part No.	Qty.	Price each	
			£	s. d.
Rear hub shell	M61-652F	1	1	15 0
Brake plate bare	M61-654F	1		7 1
Brake plate c/w cam, lever, shoes and springs	M61-653F	1	1	7 11
Brake shoe LH complete	M61-607F	1		6 5
Brake shoe RH complete	M61-608F	1		6 5
Spindle bare	M61-665F	1		5 9
Spindle c/w cups, cones, etc.	M61-664F	1	16	11
Cone lock nut	M61-671F	1		5
Cone washer	M61-670F	2		2
Cups	M61-616F	2	1	2
Ball bearings	$\frac{1}{4}$ "	20		2
Cones	M61-667F	2	1	4
Distance piece	M61-673F	1		9
Dust caps	M61-619F	2		5
Spindle washer	M61-677F	2		2
Spindle nuts	M61-678F	2		10
Cam nuts	M61-640F	1		2
Cam washer	M61-641F	1		2
Sprocket bolt washer	M61-682F	5		2
Cam lever	M61-655F	1	3	10
Brake cam	M61-606F	1	3	8
Brake plate nut	M61-679F	2		4
Brake plate washer	M61-674F	2		2
Brake shoe springs	M61-613F	2		5
Rear wheel sprocket 32T	M61-680F	1	8	4
Rear sprocket bolts	M61-681F	5		3

MUDGUARDS

Front mudguard	M61-300	1	1	3 11
Front mudguard fixing bolt	$\frac{5}{8}$ " x $\frac{5}{16}$ "	1		6
Front guard bolt washer	$\frac{5}{16}$ " plain	1		1
Front guard bolt washer	$\frac{5}{16}$ " locking	1		1
Front guard bolt nut	$\frac{5}{16}$ " BSF	1		2
Front guard bottom fixing screw	$\frac{1}{2}$ " x $\frac{1}{4}$ " binder head	2		2
Front guard bottom screw nuts	M61-306	2		3
Rear mudguard	M61-301	1	1	14 1

page nine

PLEASE QUOTE FRAME & ENGINE NUMBER

PLEASE QUOTE FRAME & ENGINE NUMBER

Mudguards—cont.

Description	Part No.	Qty.	Price each		
			£	s.	d.
Rear guard fixing bolt	1" x 1/4" BSF	1			3
Rear guard bolt washer	1/4" concave	2			2
Rear guard bolt washer	1/4" spring	1			1
Rear guard bolt nut	1/4" BSF	1			2
Rear guard front stud washer	1/4" plain	2			1
Rear guard front stud washer	1/4" concave	1			2
Rear guard front stud washer	1/4" spring	1			1
Rear guard front stud nut	1/4" BSF	1			2
Rear No. plate	M61-303	1		3	7
Rear No. plate hood	M61-304	1		2	0
Rear No. plate hood bolt	1/2" x 1/4" BSF	1			2
Rear No. plate bolts	3/4" x 1/4" BSF	2			2
Rear No. plate washers	1/4" plain	4			1
Rear No. plate washers	1/4" spring	2			1
Rear No. plate hood washers	1/4" plain	2			1
Rear No. plate hood washers	1/4" spring	1			1
Rear No. plate nuts	1/4" BSF	2			1
Rear No. plate hood nuts	1/4" BSF	1			1

CARRIER

Carrier complete with toolbox	M61-750	1	2	16	5
Toolbox lid	M61-755	1		4	11
Lock complete with key	M61-757	1		6	1
Carrier body only	M61-751	1	2	4	8
Lid rubber seating	M61-756	1			11
Stand	M61-450	1		16	0
Stand spring	M61-451	1		1	0
Stand pivot bolt	2 1/2" x 5/16" BSF	1			5
Pivot bolt washer	5/16" plain	2			1
Pivot bolt nut	5/16" Simmonds	1			6

HANDLEBARS

Handlebar only for speedo and clock	M61-500C	1	1	5	7
Handlebar only for speedo	M61-500	1	1	5	7
Speedo and clock hole disc	M61-516	1		1	6
Expander bolt	M61-517	1		3	0
Expander bolt cone	M61-518	1			6
Expander bolt washer	5/16" plain	1			7

page ten

PLEASE QUOTE FRAME & ENGINE NUMBER

PLEASE QUOTE FRAME & ENGINE NUMBER

Handlebars—cont.

Description	Part No.	Qty.	Price each		
			£	s.	d.
Twist grip and front brake lever assembly	M61-520	1	14	9	
Twist grip bottom half body	M61-521	1	5	9	
Twist grip top half body	M61-522	1	3	3	
Twist grip rotor	M61-523	1	2	9	
Twist grip rubber	M61-529	1	1	3	
Friction spring	M61-527	1		10	
Friction adjusting screw	M61-528	1		7	
Friction adjusting screw nut	$\frac{3}{16}$ "	1		2	
Clamp screws	M61-526	2		2	
Cable stop	M61-541V	1		8	
Brake lever	M61-524	1	5	3	
Fulcrum pin	M61-525	1		3	
Fulcrum pin nut	$\frac{1}{4}$ " BSF	1		3	
Fulcrum pin lock washer	$\frac{1}{4}$ " locking	1		1	
Amal/Villiers control					
Gear change and clutch lever comb.	M61-530V	1	18	6	
Top half body	M61-532	1	3	3	
Gear change body	M61-531V	1	3	3	
Rotor and clutch lever bracket	M61-533	1	5	9	
Rubber grip	M61-529	1	1	3	
Gear change plate	M61-537V	1	1	0	
Gear cable stop	M61-541V	1		8	

HANDLEBARS

Body securing screws	M61-536	2		2	
Lever pivot pin	M61-535	1		3	
Lever pivot locating spring	M61-538	1		1	
Lever pivot pin nut	$\frac{1}{4}$ " BSF	1		3	
Spring stop	M61-539	1		6	
Gear change plate fixing screw	M61-540	2		2	
Lever only with stop	M61-534	1	5	3	

Cables Amal/Villiers

Front brake cable for Mival hub	M61-502M	1	5	0	
Front brake cable for BH	M61-502BH	1	5	0	
Clutch cable	D11662 & V2110	1	5	0	
Gear change cable	M61-505V	1	5	11	
Throttle cable	V234B/JZ	1	3	10	

page eleven

PLEASE QUOTE FRAME & ENGINE NUMBER

PLEASE QUOTE FRAME & ENGINE NUMBER

PEDALS

Description	Part No.	Qty.	Price each		
			£	s.	d.
Righthand crank	D10386	1	19	9	
Lefthand crank	D11624	1	1	0	4
Pedals	M61-400-1	1 pr	pr	9	6
Crank bolt	E11723	2			8
Crank bolt washer	E10856	2			3

Amal/Sachs Control

Gear change and clutch lever combined	M61-530S	1	18	6	
Top half body	M61-532	1	3	3	
Gear change body	M61-531S	1	3	3	
Rotor and clutch lever bracket	M61-533	1	5	9	
Rubber grip	M61-529	1	1	3	
Body securing screws	M61-536	2			2
Gear change plate	M61-537S	1	1	0	
Lever pivot pin	M61-535	1			3
Lever pivot locating spring	M61-538	1			1
Lever pivot pin nut	$\frac{1}{4}$ " BSF	1			3
Spring stop	M61-539	1			6
Gear change plate fixing screws	M61-540	2			2
Lever only with stop	M61-534	1	5	3	

Cables Amal/Sachs

Front brake cable	M61-502S	1	5	0	
Clutch cable	M61-503S	1	4	3	
Gear change cable	M61-505S	1	5	11	
Throttle cable	M61-504S	1	3	2	

PEDALS

RH Crank	M61-403S	1	7	10	
LH Crank	M61-402S	1	7	10	
Pedals	M61-400-1	1 pr	9	6	
Crank cotters	$\frac{3}{8}$ " cycle	2			8

PETROL TANK FITTINGS

Petrol tap	M61-703	1	8	1	
Tap fibre washer	M61-704	1			2
Tank filler cap	M61-701	1	4	7	
Petrol pipe	M61-702	1	1	2	

page twelve

PLEASE QUOTE FRAME & ENGINE NUMBER

PLEASE QUOTE FRAME & ENGINE NUMBER

LIGHTING SET

Description	Part No.	Qty.	Price each	
			£	s. d.
Light unit less bulbs (old pattern)	HL-1	1	15	0
Light unit less bulbs (new pattern)	M61-811	1	15	0
Light unit fixing screws	$\frac{1}{2}$ " x 3BA	1	3	0
Lamp rim (old pattern)	NL1-2	1	5	0
Lamp rim (new pattern)	M61-812	1	6	0
Lamp glass	M61-813	1	2	9
Headlamp bulb	6v15w/15w	1	Mfg price	
Bulb holder	M61-814	1	3	3
Reflector	M61-815	1	5	0
Glass wires	M61-816	set 1	set 8	
Reflector gasket	M61-817	1	6	0
Rim adjuster bracket (old rim)	NL1-4	1	4	0
Adjuster bracket screws (old rim)	$\frac{1}{2}$ " x 3BA	2	2	0
Top rim fixing catch	NL1-3	1	4	0
Top fixing screw (new)	4mm x 8mm	1	3	0
Fixing screw nuts (rim)	4mm nut	2	2	0
Bottom fixing screw (pattern)	4mm x 8mm	1	3	0
Lighting harness complete	M61-805D	1	11	0
Terminal block	M61-806	1	1	6
Handlebar switch	M61-870	1	6	0
Cover complete with horn and cut out buttons	M61-871	1	2	6
Switch base with terminals	M61-872	1	4	0
Terminal screws	M61-873	set 6	set 6	
Switch lever	M61-874	1	1	3
Spring	M61-875	1	3	0
Fixing clips	M61-876	2	4	0
Roller	M61-878	1	3	0
Screw and nut for clip	M61-877	1	7	0
Tail lamp complete	M61-820	1	8	6
Back plate with nuts	M61-822	1	3	7
Washers and nuts for back plate	$\frac{3}{16}$ "	2	2	0
Moulding with reflector	M61-823	1	3	10
Moulding gasket	M61-824	1	1	1
Bulb spring	M61-825	1	4	0
Rear bulb	6v 3w SCC	1	Mfg price	
Front moulding holding screws	39/5	2	4	0
A/C horn	AC/3	1	12	6
Horn fixing screws	$\frac{3}{8}$ " x 5BA	4	2	0
Cable grommets (lighting cable)	M61-515	2	3	0

PLEASE QUOTE FRAME & ENGINE NUMBER

SILENCER & EXHAUST SYSTEM

Description	Part No.	Qty.	Price each		
			£	s.	d.
Exhaust pipe	M61-550V	1	11	3	
Silencer	M61-551	1	1	7	6
Silencer clip	M61-552	1	1	5	
Clip, nut and bolt	1 $\frac{1}{4}$ " x $\frac{3}{16}$ "	1		7	
Silencer attachment bolt	$\frac{5}{8}$ " x $\frac{5}{16}$ " BSF	1		5	
Silencer attachment nut	$\frac{5}{16}$ " BSF	1		2	
Silencer attachment washer	$\frac{5}{16}$ " Locking	1		1	
Exhaust pipe (Sachs)	M61-550S	1	11	3	

SUNDRIES

Speedo complete mph	M61-510M	1	2	0	0
Speedo complete kph	M61-510K	1	2	0	0
Speedo head mph	M61-511M	1	1	0	0
Speedo head kph	M61-511K	1	1	0	0
Speedo cable grommet	M61-515	1		6	
Speedo gearbox	M61-513	1	1	0	0
Speedo cable complete	M61-512	1		8	9
Rear number plate bracket	M61-305	1		1	2
Tyre inflator	M61-745	1		4	6
Saddle solo	M61-740	1	1	5	0
Time clock	M61-519	1			Mfg price

TOOL KIT

Plug spanner	E7402	1	4	5	
$\frac{1}{4}$ " w x $\frac{5}{16}$ " open ended	M61-773	1		1	8
$\frac{1}{8}$ " x $\frac{3}{16}$ " w open ended	M61-771	1		1	6
Magneto feeler gauge	M2693	1		6	
Screwdriver	M2715	1	2	6	
Plastic bag	M61-799	1		6	
Cylinder head box spanner (Villiers)	M61-790	1	2	6	
Tommy bar	M61-790	1		2	6
Cylinder head box spanner		1		2	6
C/w tommy bar (Sachs)		1		2	6

page fourteen

PLEASE QUOTE FRAME & ENGINE NUMBER

PLEASE QUOTE FRAME & ENGINE NUMBER

ENGINE FITTINGS

Description	Part No.	Qty.	Price each		
			£	s.	d.
Hexagon headed bolt (BSF)	2" x $\frac{5}{16}$ "	4			11
Hexagon headed bolt (BSF)	2 $\frac{1}{4}$ " x $\frac{5}{16}$ "	2	1	0	
Hexagon nuts	$\frac{5}{16}$ " BSF	4			4
Self locking nuts (Simmonds)	$\frac{5}{16}$ " BSF	2			5
Locking washers	$\frac{5}{16}$ "	4			2
Plain washers 17G	$\frac{5}{16}$ " x $\frac{3}{8}$ "	6			2
Plain washers $\frac{3}{32}$ "	$\frac{5}{16}$ " x $\frac{7}{8}$ "	4			2
Engine hangers	M61-041	2			6
Sub-engine plates Villiers 3k	M61-040V	2	1	3	
Spacers $\frac{1}{2}$ " x $\frac{1}{2}$ "D x $\frac{5}{16}$ "D	M61-042	3			9

SWINGING ARM AND FITTINGS

Swinging arm fittings (FORGED ENDS)

Spring box units	M61-100	2	1	2	11
Dome headed bolt (M61-161)	2 $\frac{5}{16}$ " x $\frac{3}{8}$ " BSF	1	1	0	
Dome headed bolt (M61-160)	2" x $\frac{3}{8}$ " BSF	1			11
Hexagon nuts	$\frac{3}{8}$ " BSF	1			4
Self locking nuts (Simmonds)	$\frac{3}{8}$ " BSF	2			5
Washers $\frac{1}{16}$ " plain	$\frac{3}{8}$ " x $\frac{7}{8}$ "	4			2

Swinging arm fittings (PRESSED ENDS)

Spring box units	M61-100	2	1	2	11
Dome headed bolt (M61-161)	2 $\frac{5}{16}$ " x $\frac{3}{8}$ " BSF	1	1	0	
Dome headed bolt (M61-160)	2" x $\frac{3}{8}$ " BSF	1			11
Domed hexagon nut	$\frac{3}{8}$ " BSF	1			6
Self locking nut (Simmonds)	$\frac{3}{8}$ " BSF	2			5
Washer $\frac{1}{16}$ " plain	$\frac{3}{8}$ " x $\frac{7}{8}$ "	2			2
Spacer $\frac{1}{2}$ " x $\frac{5}{8}$ "D x $\frac{3}{8}$ "D clear	M61-162	4			6

NORMAN NIPPY MARK IV—EXPORT MODEL (SACHS ENGINE)

ENGINE FITTINGS

Hexagon headed bolts (BSF)	1 $\frac{3}{4}$ " x $\frac{5}{16}$ "	2			10
Hexagon headed bolts (BSF)	2" x $\frac{5}{16}$ "	1			11
Hexagon nuts	$\frac{5}{16}$ " BSF	3			4
Locking washers	$\frac{5}{16}$ "	3			2
Plain washers (17G)	$\frac{5}{16}$ " x $\frac{5}{8}$ "	2			2

page fifteen

PLEASE QUOTE FRAME & ENGINE NUMBER

REPAIR SERVICE

Our Works at Ashford, Kent, are fully equipped and are available for the repair of engines or complete machines.

All work is attended to by specialists in repairs, and the work is carried out under the terms of our usual guarantee as given below.

We advise you to obtain your Spare Parts from your recognised Norman Dealer or direct from our Service Department, as there is no economy in fitting cheap imitation parts.



GUARANTEE

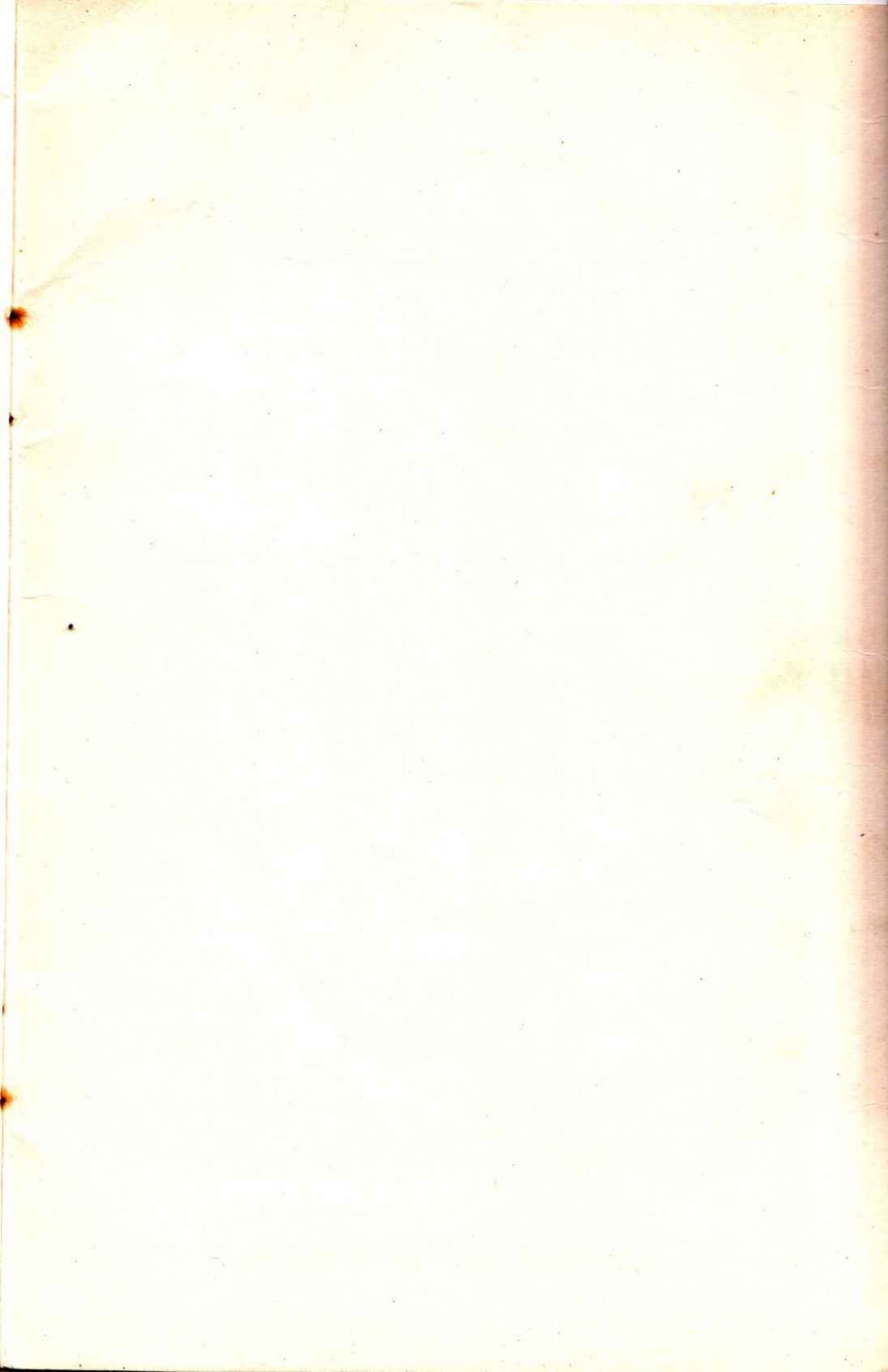
Any motor cycle, motor cycle combination or sidecar sent to us to be plated, enamelled or repaired will be repaired upon the following conditions, i.e., we guarantee that all precautions which are usual and reasonable have been taken by us to secure excellence of materials and workmanship, such guarantee to extend and be in force for 3 months only from the time such work shall have been executed, and this guarantee is in lieu and in exclusion of all conditions and warranties, statutory or otherwise, and all liabilities whatsoever, and the damages recoverable are limited to the cost of any further work which may be necessary to amend and make good the work found to be defective.



ESTIMATES

If required we are always prepared to give an estimate before proceeding with any repair. This entails a certain amount of labour in dismantling to ascertain what new parts will be required, and therefore, in the case of any estimate not being accepted for special reasons, a small charge is made for our mechanic's time in taking down the parts for report.

Estimates must be treated as APPROXIMATE only. We reserve the right to include additional parts should these be found, on further examination, to be necessary to make the repair satisfactory.





IceniCAM Information Service



www.icenicam.org.uk