



# SPARE PARTS LIST

FOR

## 1933 MODELS

33-5	33-6	33-B6
33-7	33-8	33-B8
33-9	33-10	33-12

PRICE 1/- NETT

Motor  Cycles

44-45, PLUMSTEAD ROAD  
LONDON, S.E.18



## IMPORTANT INSTRUCTIONS

When ordering parts it is necessary to specify the correct model so that the parts for that model will be supplied. Always quote the number that is stamped on the crankcase.

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In order to ensure prompt attention it is advisable not to include correspondence on an order, as any correspondence will not be answered until the order has been despatched and invoiced.

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## HOW TO ORDER SPARES

- STATE
- (1) Model of Machine.
  - (2) Engine Number.
  - (3) Serial Number of item required.
  - (4) Quantity required.
  - (5) Description or name of parts.
  - (6) Say how you wish spares to be sent.
  - (7) Enclose remittance to cover cost of spares and carriage (unless you have a deposit account or wish goods to be sent C.O.D.).  
(NOTE: Only goods value 5/- or over sent by C.O.D. Also please see Page 3 re foreign orders.)
  - (8) Your full name and address.
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*It is advisable to number and date your order and keep a copy for reference in case of misunderstanding.*

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## NOTE

The prices of spares do not include the cost of carriage. Spares can only be sent "carriage forward" by goods train.



# SPARE PARTS LIST

FOR



## MOTOR CYCLES

### SPECIAL NOTE TO STOCKISTS ONLY.

A number of parts used in the assembly of 1933 A.J.S. Motor Cycles are identical to those used prior to that date.

For the benefit of Stockists, part numbers used in lists earlier than 1932 have have been included in this list, under columns headed "Interchangeability."

The part numbers under that heading are those used in earlier A.J.S. Spares Lists, and therefore provide convenient cross references, connecting many parts used in 1933 with similar parts used on earlier models.

A.J.S. MOTOR CYCLES.

44-45, Plumstead Road

London, S.E.18

# A.J.S. MOTOR CYCLES

PLUMSTEAD ROAD  
PLUMSTEAD  
LONDON, S.E.18

Proprietors, MATCHLESS MOTOR CYCLES (Colliers), LTD.

Telegrams and Cables: "ICANHOPIT" Woolwich

Telephone: Woolwich 1010

Codes: A.B.C. 5th and 6th Editions, and Bentley's.

## 1933 MODELS

Model	Number of Cylinders	Bore	Stroke	Cubic capacity	Horse power	Ignition	Valves	Size of Tyres	Notes
33-5	1	74	81	349	3.49	Magneto or Magdyno	Side	25"x3"	
33-6	1	74	81	349	3.49	Ditto	O.H.	26"x3.25"	1, 2, 3, 5
33-B6	1	74	81	349	3.49	Ditto	O.H.	25"x3"	3, 6
33-7	1	70	90	346	3.46	Ditto	O.H.	26"x3.25"	1, 4
33-8	1	84	90	498	4.98	Ditto	O.H.	26"x3.25"	1, 2, 3, 5
33-B8	1	84	90	498	4.98	Ditto	O.H.	26"x3.25"	1, 2, 3, 6
33-9	1	84	90	498	4.98	Ditto	Side	26"x3.25"	1, 2
33-10	1	79	101	495	4.95	Ditto	O.H.	26"x3.25"	1, 4
33-12	1	65	75	248	2.48	Ditto	O.H.	25"x3"	3, 6
33-2	2	85.5	85.5	990	9.9	Ditto	Side	27"x4"	7

- 1.—26"x3.5" tyres optional.
- 2.—27"x4" tyres optional.
- 3.—Valves operated by push rods.
- 4.—Valves operated by overhead camshaft.
- 5.—Two port engines.
- 6.—Big port engines.
- 7.—This list does not cover the 33-2 Model.

Prices are subject to alteration without notice, and we reserve the right to charge prices ruling at the time of delivery.



## TERMS OF BUSINESS.

Our invariable rule in this department is net cash with order. Remittance to £1 in value may be sent by Postal Order, but over this amount it is advisable to remit by cheque. Cheques to be made payable to A.J.S. Motor Cycles, and crossed. When making remittance by Telegraph Money Order, the name and address of sender should be included, as unless this is done, the Post Office do not give this information in the telegram. We frequently receive Telegraph Money Orders without sender's name, with the result that we cannot trace by whom the amount is sent, and we have to wait until customer writes complaining about delay before the matter can receive any attention. If remittance is not sufficient to pay for postage or carriage, goods will be sent "Carriage Forward" (Goods Train).

All repairs accounts are strictly cash before delivery.

The prices in this list are subject to alteration without notice.

IMPORTANT NOTE RE C.O.D.—Owing to the labour involved and to the fact that the minimum C.O.D. fee is 10d., goods to the value of 5s. and over only can be sent on the above system.

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## DEPOSIT ACCOUNT.

We strongly advise all owners of A.J.S. Motor Cycles to take advantage of our "Deposit System." It often occurs that parts are required by return, but when customers do not have a current account, there is the inevitable delay while a Pro Forma Invoice is sent, and we have to wait receipt of the remittance before the goods can be despatched. This delay causes considerable inconvenience to the party concerned, and can be avoided by opening a Deposit Account.

A remittance of not less than £2 entitles a customer to this form of account, and when goods are ordered by phone, telegram or letter, they will be despatched at the earliest possible moment by the quickest route. Invoices will be sent for all goods supplied and a statement will be rendered showing amount of deposit in hand when required, and customers will be notified immediately their deposit becomes exhausted, so that they may renew same. We are at all times prepared to return balance of deposit upon request.

Kindly note when ordering to mention "Deposit" or quote the reference number as shown on monthly statements.

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## FOREIGN ORDERS.

The conditions governing the supply of spares against Home orders equally apply to orders received from Overseas. It must be noted that the C.O.D. system (Cash on Delivery or Value Payable Post) can only be used in connection with overseas orders when those orders are accompanied with cash to not less than 25 per cent. of the value of the complete order. This condition is necessary because of the difficulties presented by foreign exchange and the expenses that may be incurred if delivery of the consignment cannot be made, such as might arise in the event of the client refusing to take delivery.

Therefore, overseas orders should be totalled and 25 per cent. of that total should accompany the order.

Continental clients can best remit the deposit by sending a cheque drawn on a London Bank or by an international money order, which is obtainable at most post offices.

Colonial clients can best remit the deposit by sending a cheque drawn on a London Bank or by Bankers' Draft, although it is always preferable to demand spares through the Local Agent, who generally can obtain same in the Colony, thereby saving time and money.

Under no circumstances can foreign C.O.D. (V.P.P.) consignments be sent without this deposit.



## **ESTIMATES.**

It is becoming a general practice for customers when sending their engines or complete motor cycles to us for repairs, to request a detailed estimate for the necessary repairs before proceeding with the work.

We are always pleased to furnish these estimates, but it must be distinctly understood that only approximate quotations can be given, as when re-erecting it is often found that other repairs or new parts are necessary, which it was impossible to locate when dismantling.

In some instances, when an estimate has been submitted, several of the items quoted for are questioned as being unnecessary or not required. We may say that we only include in our quotations new parts and repairs that we consider essential to make the machine suitable and satisfactory for the road.

If an estimate is not accepted, i.e., the parts returned to the owner in their original condition, a nominal charge is made for taking down and re-assembling.

All repair accounts are strictly cash before delivery.

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## **OVERHAULING.**

When sending us a complete motor cycle, engine, gear box or other part with the request that we overhaul same, we understand by the term "overhaul" that it is to be entirely dismantled, thoroughly renovated, any unduly worn part renewed and put in perfect working order. In case a customer desires only certain parts attended to, explicit instructions should be given to that effect, otherwise the cost may be far in excess of what is anticipated.

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## **DAMAGE IN TRANSIT.**

Our responsibility ceases when goods leave our works, and claims must be made on carriers in the event of damage occurring in transit. Any such damage should be immediately reported.

NOTE.—By railway companies special regulations, unless damage in transit is reported within three days from receipt of goods, no claim can be entertained.

Goods not unpacked at the time of receipt should always be signed for as "Unexamined."

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## **QUANTITIES TO "SETS."**

In some instances, quantities to a set cannot be quoted (shim washers, equipment fittings, etc.). The letter R is, therefore, used to indicate that these items should be demanded in quantities as Required.

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## **OVERSIZE PARTS.**

Oversize parts are not available for A.J.S. Motor Cycles.

### **RULES TO BE OBSERVED.**

1. Parts sent to us for repair, replacement or as pattern must bear distinctly sender's full name and address. Instructions regarding same must be sent under separate cover, otherwise goods may lie at our works and not be unpacked until instructions regarding same are received.
2. All goods must be consigned to us carriage paid.
3. Do not enclose cash (whether in the form of coin or paper) with goods. Remittance should be sent by letter post for your own protection.
4. Customers having no account with us should not fail to remit at the time of order, and also to include postage.
5. When customer has no account, a Telegraph Money Order will ensure immediate attention.
6. When making enquiries respecting any part on order or repair, it is advisable to quote date of order.
7. In case of doubt regarding correct names of parts required it is advisable to send old part as pattern.

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### **SCOPE OF LIST.**

This list describes and illustrates most items used to assemble 1933 A.J.S. Motor Cycles (with the exception of Model 33-2 for which a separate List is issued).

The serial numbers run consecutively as far as possible.

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### **ALL CORRESPONDENCE**

Should be Addressed to

**MESSRS. A.J.S. MOTOR CYCLES**  
44-45, Plumstead Road,  
Plumstead, London, S.E.18

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### **ALL GOODS**

Should be Addressed to

**MESSRS. A.J.S. MOTOR CYCLES**  
Burrage Grove,  
Plumstead, London, S.E.18

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**THE ILLUSTRATIONS ARE NOT TO SCALE.**



# ENGINE SECTION

COVERING ENGINES, OIL PUMPS, MAGNETO FITTINGS,  
EXHAUST PIPES AND SILENCERS.

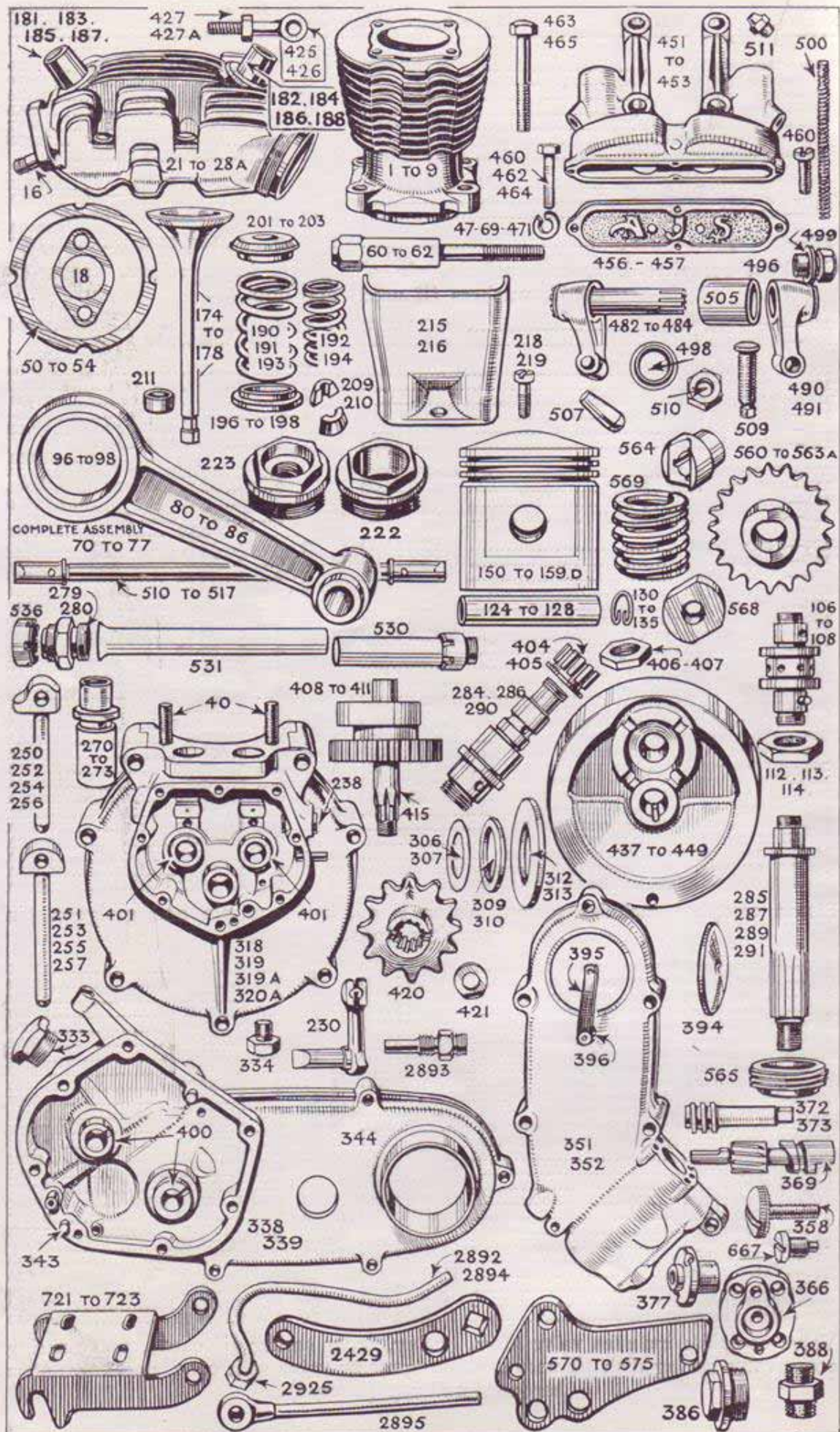
## ENGINE AND OIL PUMP GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a set.	Used on.	Drawing Number.
			£ s. d.			
1—Cylinder, with head en bloc, bare			3 5 0...	1...33-5		12305
1A—Cylinder, with head en bloc, fitted with valve guides			3 8 0...	1...33-5		12305AS
2—Cylinder, bare	(as ZC 282)		1 12 9...	1...33-6		12201
3—Cylinder, bare	(as ZC 290)		1 8 9...	1...33-B6		12260
4—Cylinder, bare	(as ZC 342)		1 12 9...	1...33-8		16678
5—Cylinder, bare	(as ZC 350)		1 9 9...	1...33-B8		17057
6—Cylinder, bare	(as ZC 361)		3 2 6...	1...33-9		16664
6A—Cylinder, fitted with valve guides			3 5 6...	1...33-9		16664AS
7—Cylinder, bare			1 15 6...	1...33-7		12340
8—Cylinder, bare			1 15 6...	1...33-10		50747
9—Cylinder, bare	(as ZB 401)		1 8 9...	1...33-12		20352
16—Pin, for carburettor flange			2...	2...All models		16419
20—Washer, for carburettor flange			1...	1...33-6, 33-B6, 33-7, 33-8, 33-B8, 33-9, 33-10		16415
21—Cylinder head only	(as ZB 81)		2 14 3...	1...33-6		11894
21A—Cylinder head with valve guides			3 0 6...	1...33-6		11894AS
22—Cylinder head only			2 4 3...	1...33-B6		12300
22A—Cylinder head with valve guides			2 11 9...	1...33-B6		12300AS
23—Cylinder head only	(as ZB 141)		2 14 3...	1...33-8		16244
23A—Cylinder head with valve guides			3 0 6...	1...33-8		16244AS
24—Cylinder head only	(as ZC 150)		2 9 3...	1...33-B8		17054
24A—Cylinder head with valve guides			2 15 6...	1...33-B8		17054AS
25—Cylinder head only	(as ZC 162)		1 7 6...	1...33-9		16670
26—Cylinder head only			4 0 0...	1...33-7		50750
26A—Cylinder head with valve guides			4 10 0...	1...33-7		50750AS
27—Cylinder head only			4 0 0...	1...33-10		50748
27A—Cylinder head with valve guides			4 10 0...	1...33-10		50748AS
28—Cylinder head only			2 4 3...	1...33-12		20568
28A—Cylinder head with valve guides			2 11 9...	1...33-12		20568AS
29—Oil union for cylinder head			4...	2...33-7, 33-10		CE47
31—Cylinder foot paper washer	(as ZB 481)		2...	1...33-5, 33-B6, 33-12		12317
32—Cylinder foot paper washer	(as ZC 450)		2...	1...33-6		12324
33—Cylinder foot paper washer			2...	1...33-B8		17324
34—Cylinder foot paper washer			2...	1...33-8		17321
35—Cylinder foot paper washer			2...	1...33-9		17328
36—Cylinder foot paper washer			2...	1...33-7, 33-10		17488
40—Cylinder foot stud	(as ZA 510)		3...	4...33-6, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12		11559
41—Cylinder foot stud	(as ZB 515)		3...	4...33-7, 33-10		16456
45—Cylinder foot stud nut	(as ZB 520)		2...	4...All models		2871
46—Washer, for carburettor flange pins	(as ZA 6040)		1...	2...All models		2886
47—Cylinder foot stud washer	(as ZB 7170)		1...	4...All models		2882
50—Cylinder head washer	(as ZC 625)		5...	1...33-B6		12268
51—Cylinder head washer	(as ZA 580)		5...	1...33-6		11478
52—Cylinder head washer	(as ZA 620)		5...	1...33-8, 33-B8		15723
53—Cylinder head washer	(as ZC 630)		1 0...	1...33-9		16682
54—Cylinder head washer	(as ZC 662)		5...	1...33-12		20371
60—Cylinder head sleeve fixing bolt	(as ZB 711)		1 6...	4...33-B6, 33-12		20370
61—Cylinder head sleeve fixing bolt	(as ZA 710)		1 6...	4...33-6, 33-8, 33-B8		15938
62—Cylinder head sleeve fixing bolt			1 9...	4...33-7, 33-10		16426
63—Cylinder head stud			6...	2...33-7, 33-10		17448
64—Cylinder head bolt, plain, long	(as ZB 674)		1 0...	1...33-7, 33-10		16455
64A—Cylinder head bolt, plain, short			4...	1...33-7, 33-10		17447
65—Cylinder head bolt	(as ZC 697)		7...	7...33-9		16694
45—Nut, for cylinder head stud	(as ZB 520)		2...	2...33-7, 33-10		2871
67—Washer, for head sleeve bolt			1...	4...33-B6, 33-12		12374
68—Washer, for head sleeve bolt			1...	4...33-6, 33-8, 33-B8		17513
69—Washer, for head bolt	(as WA 3200)		1...	7...33-9		2883
70—Connecting rod with bushes	(as ZB 742)		1 4 3...	1...33-5		11983A
71—Connecting rod with bushes	(as ZC 770)		1 1 3...	1...33-B6		12259A
72—Connecting rod with bushes	(as ZB 761)		1 4 3...	1...33-6		11922A
73—Connecting rod with bushes	(as ZB 801)		1 4 3...	1...33-8, 33-B8		11918A
74—Connecting rod with bushes	(as ZB 821)		1 4 3...	1...33-9		16271A
75—Connecting rod with bushes (can be used for ZB 781)			1 17 6...	1...33-7		16440-2A
76—Connecting rod with bushes (can be used for ZB 841)			1 17 6...	1...33-10		16440-1A
77—Connecting rod with bushes	(as ZB 861)		1 1 3...	1...33-12		20406
80—Connecting rod only			1 0 0...	1...33-5		11983
81—Connecting rod only			17 0...	1...33-B6		12259
82—Connecting rod only			1 0 0...	1...33-6		11922
83—Connecting rod only			19 9...	1...33-8, 33-B8		11918
84—Connecting rod only			19 9...	1...33-9		16271
85—Connecting rod only			17 0...	1...33-12		20406
86—Connecting rod only			1 5 6...	1...33-7, 33-10		16440



Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
90—	Small end bush .....	(as ZB 900)	2 6...	1...33-5, 33-6, 33-B6	...	11420
91—	Small end bush .....	(as ZA 880)	2 6...	1...33-8, 33-B8, 33-9	...	15679
92—	Small end bush .....	(as ZB 920)	2 6...	1...33-12	...	20135
93—	Small end bush .....		2 6...	1...33-7	...	12365
94—	Small end bush .....	(as ZB 891)	2 6...	1...33-10	...	16457
96—	Crankpin outer race .....	(as ZB 981)	2 6...	1...33-5, 33-B6, 33-12	...	11935
97—	Crankpin outer race .....	(as ZB 961)	2 6...	1...33-6, 33-8, 33-B8, 33-9	...	11896
98—	Crankpin outer race .....	(as ZB 971)	5 0...	1...33-7, 33-10	...	16532
101—	Crankpin complete .....		14 0...	1...33-5, 33-B6, 33-12	...	11956A
102—	Crankpin complete .....		15 0...	1...33-6, 33-8, 33-B8, 33-9	...	16249A
103—	Crankpin complete .....		1 9 2...	1...33-7, 33-10	...	17400A
Crankpin complete includes crankpin, pin oil, plugs, keys, rollers, cages (if used), washers (if used) and nuts.						
106—	Crankpin, bare .....	(as ZB 1181)	7 6...	1...33-5, 33-B6, 33-12	...	11956
107—	Crankpin, bare .....	(as ZB 1121)	8 6...	1...33-6, 33-8, 33-B8, 33-9	...	16249
108—	Crankpin, bare .....		12 6...	1...33-7, 33-10	...	17400
109—	Crankpin end washer .....		1 0...	2...33-7, 33-10	...	XE332
109A—	Crankpin centre washer .....		1 0...	1...33-7, 33-10	...	17441
110—	Crankpin roller cage .....	(as ZB 986)	4 0...	2...33-7, 33-10	...	17404
112—	Crankpin nut .....	(as ZB 1271)	4...	2...33-5, 33-B6, 33-12	...	11955
113—	Crankpin nut .....	(as ZB 1261)	5...	2...33-6, 33-8, 33-B8, 33-9	...	3821
114—	Crankpin nut .....	(as ZB 1272)	6...	2...33-7, 33-10	...	16434
118—	Crankpin roller, $\frac{1}{4} \times \frac{1}{4}$ .....	(as ZB 1281)	2...	36...33-5, 33-B6, 33-12	...	L4E306
118—	Crankpin roller, $\frac{1}{4} \times \frac{1}{4}$ .....	(as ZB 1281)	2...	28...33-7, 33-10	...	L4E306
119—	Crankpin roller, $\frac{5}{16} \times \frac{1}{4}$ .....	(as ZB 1301)	2...	36...33-6, 33-8, 33-B8, 33-9	...	12341
124—	Gudgeon pin .....	(as ZB 1340)	2 0...	1...33-5, 33-6, 33-B6	...	10806
125—	Gudgeon pin .....	(as ZA 1320)	3 6...	1...33-8, 33-B8, 33-9	...	15177
126—	Gudgeon pin .....	(as ZB 1360)	1 9...	1...33-12	...	20136
127—	Gudgeon pin .....	(as ZB 1351)	5 0...	1...33-7	...	12364
128—	Gudgeon pin .....	(as ZB 1331)	5 6...	1...33-10	...	16425
130—	Gudgeon pin ring, $\frac{1}{16}$ " wire section .....	(as ZB 1400)	1...	2...33-5, 33-6, 33-B6	...	12310
131—	Gudgeon pin ring, $\frac{11}{16}$ " wire section .....	(as ZA 1380)	1...	2...33-8, 33-B8, 33-9	...	17305
132—	Gudgeon pin ring, $\frac{9}{16}$ " .....		4...	2...33-12	...	20705
133—	Gudgeon pin ring, $\frac{1}{16}$ " .....		4...	2...33-5, 33-6, 33-B6	...	12375
134—	Gudgeon pin ring, $\frac{11}{16}$ " .....		4...	2...33-8, 33-B8, 33-9	...	17553
135—	Gudgeon pin ring, $\frac{1}{16}$ " .....		4...	2...33-7, 33-10	...	12366
140—	Piston, complete, low compression .....	(as ZB 1462)	1 1 8...	1...33-5	...	11980A
141—	Piston, complete, low compression .....	(as ZC 1491)	19 11...	1...33-B6	...	12291A
142—	Piston, complete, low compression .....	(as ZB 1481)	1 1 8...	1...33-6	...	11984A
143—	Piston, complete, low compression .....	(as ZB 1521)	1 6 5...	1...33-8	...	16301A
144—	Piston, complete, low compression .....	(as ZC 1525)	1 5 2...	1...33-B8	...	17053A
145—	Piston, complete, low compression .....	(as ZC 1530)	1 6 5...	1...33-9	...	16676A
146—	Piston, complete, low compression .....	(as ZB 1561)	17 5...	1...33-12	...	20409A
147—	Piston, complete, low compression .....		1 17 8...	1...33-7	...	12382A
148—	Piston, complete, low compression .....		1 17 8...	1...33-10	...	17457A
149A—	Piston, complete, high compression .....		2 0 2...	1...33-7	...	12362A
149B—	Piston, complete, high compression .....		2 0 2...	1...33-10	...	16438A
149C—	Piston, complete, special high compression .....		2 0 2...	1...33-7	...	12363A
149D—	Piston, complete, special high compression .....		2 0 2...	1...33-10	...	50219A
Piston complete includes piston, piston rings, gudgeon pin and gudgeon pin retaining rings.						
150—	Piston, bare, low compression .....	(as ZB 1682)	15 0...	1...33-5	...	11980
151—	Piston, bare, low compression .....	(as ZC 1711)	14 3...	1...33-B6	...	12291
152—	Piston, bare, low compression .....	(as ZB 1701)	15 0...	1...33-6	...	11984
153—	Piston, bare, low compression .....	(as ZB 1741)	17 3...	1...33-8	...	16301
154—	Piston, bare, low compression .....	(as ZC 1745)	17 3...	1...33-B8	...	17053
155—	Piston, bare, low compression .....	(as ZC 1750)	17 3...	1...33-9	...	16676
156—	Piston, bare, low compression .....	(as ZB 1781)	12 0...	1...33-12	...	20409
157—	Piston, bare, low compression .....		1 7 6...	1...33-7	...	12382
158—	Piston, bare, low compression .....		1 7 6...	1...33-10	...	17457
159A—	Piston, bare, high compression .....		1 10 0...	1...33-7	...	12362
159B—	Piston, bare, high compression .....		1 10 0...	1...33-10	...	16438
159C—	Piston, bare, special high compression .....		1 10 0...	1...33-7	...	12363
159D—	Piston, bare, special high compression .....		1 10 0...	1...33-10	...	50219
160—	Piston ring .....	(as ZB 1900)	1 0...	3...33-B6	...	2898
160—	Piston ring .....	(as ZB 1900)	1 0...	4...33-5, 33-6	...	2898
161—	Piston ring .....	(as ZA 1880)	1 3...	5...33-B8	...	15015
161—	Piston ring .....	(as ZA 1880)	1 3...	4...33-8, 33-9	...	15015
162—	Piston ring .....	(as ZB 1920)	1 0...	3...33-12	...	20174
163—	Piston ring .....	(as ZB 1911)	1 6...	3...33-7	...	12367
164—	Piston ring .....	(as ZB 1891)	1 6...	3...33-10	...	17373
166—	Valve, complete .....	(as ZB 1940)	6 2...	2...33-5, 33-9	...	457A
167—	Valve, complete .....	(as ZB 2001)	9 10...	2...33-B6, 33-12	...	20447A
168—	Valve, complete .....	(as ZA 1960)	12 4...	2...33-6, 33-8, 33-B8	...	16604A
169—	Valve, complete .....	(as ZB 1971)	19 5...	2...33-7	...	12176A
170—	Valve, complete .....	(as ZB 1981)	19 5...	2...33-10	...	16613A
Valve complete includes valve stem, spring, inner spring (if used), valve spring cone, valve spring dish (if used), valve cotter or valve split cone, and valve stem hardened end cap (if used).						







Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on	Drawing Number.
			£ s. d.			
174—	Valve, bare	(as ZB 2020)	4	0...	2...33-5, 33-9	457
175—	Valve, bare	(as ZB 2081)	6	0...	2...33-B6, 33-12	20447
176—	Valve, bare	(as ZA 2040)	8	6...	2...33-6, 33-8, 33-B8	16604
177—	Valve, bare	(as ZB 2051)	13	0...	2...33-7	12176
178—	Valve, bare	(as ZB 2061)	13	0...	2...33-10	16613
180—	Valve guide, inlet or exhaust	(as ZB 2100)	1	6...	2...33-5, 33-9	3524
181—	Valve guide, inlet	(as ZB 2121)	3	6...	1...33-B6, 33-12	20374
182—	Valve guide, exhaust	(as ZB 2122)	4	0...	1...33-B6, 33-12	20373
183—	Valve guide inlet	(as ZB 2140)	2	3...	1...33-6, 33-8, 33-B8	15912
184—	Valve guide exhaust	(as ZA 2200)	4	0...	1...33-6, 33-8, 33-B8	16019
185—	Valve guide inlet	(as ZB 2161)	5	0...	1...33-7	12055
186—	Valve guide, exhaust	(as ZB 2168)	5	0...	1...33-7	12042
187—	Valve guide, inlet	(as ZB 2181)	5	0...	1...33-10	16454
188—	Valve guide, exhaust	(as ZC 2188)	5	0...	1...33-10	16453
190—	Valve spring	(as ZB 2220)	10...	2...	33-5, 33-9	3368
191—	Valve spring, outer	(as ZB 2240)	10...	2...	33-6, 33-B6, 33-8, 33-B8, 33-12	16928
192—	Valve spring, inner	(as ZB 2260)	7...	2...	33-6, 33-B6, 33-8, 33-B8, 33-12	16929
193—	Valve spring, outer	(as ZB 2251)	1	6...	2...33-7, 33-10	16422
194—	Valve spring, inner	(as ZB 2271)	1	0...	2...33-7, 33-10	16423
196—	Valve spring cone	(as ZB 2280)	7...	2...	33-5, 33-9	359
197—	Valve spring cone	(as ZB 2300)	1	3...	2...33-6, 33-B6, 33-8, 33-B8, 33-12	15711
198—	Valve spring cone	(as ZB 2311)	1	9...	2...33-7, 33-10	16446
201—	Valve spring dish	(as ZB 2320)	7...	2...	33-5, 33-9	2207
202—	Valve spring dish	(as ZA 2380)	7...	1...	33-6, 33-B6, 33-8, 33-B8, 33-12	16008
203—	Valve spring dish	(as ZB 2383)	1	0...	2...33-7, 33-10	16447
206—	Valve spring cotter	(as ZB 2350)	2...	2...	33-5, 33-9	514
209—	Valve spring split cone	(as ZB 2371)	7...	2...	33-B6, 33-12	20368
210—	Valve spring split cone	(as ZB 2370)	7...	2...	33-6, 33-8, 33-B8, 33-7, 33-10	10784
211—	Valve stem hardened steel cap		7...	2...	33-7, 33-10	LE438R
215—	Valve spring aluminium cover	(as ZB 2401)	3	9...	1...33-5	12047
216—	Valve spring aluminium cover	(as ZC 2400)	3	9...	1...33-9	12207
218—	Screw, for valve spring cover	(as ZA 2450)	3...	1...	33-5	16132
219—	Screw, for valve spring cover	(as ZC 2451)	6...	1...	33-9	16945
222—	Exhaust valve cap	(as ZB 2460)	2	3...	1...33-5	485
223—	Inlet valve cap	(as ZB 2480)	2	3...	1...33-5	486
226—	C and A washer for valve cap	(as ZB 2500)	2...	2...	33-5	3788
230—	Exhaust lifter arm	(as ZB 2691)	3	3...	1...33-5, 33-6, 33-B6, 33-8, 33-9, 33-12	11881
231—	Exhaust lifter arm		4	9...	1...33-7, 33-10	17403
234—	Exhaust lifter spring	(as ZB 2760)	3...	1...	All models	16490
238—	Exhaust lifter bush	(as ZB 2771)	10...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	16303
239—	Stop pin for exhaust lifter	(as ZB 2775)	7...	1...	33-6, 33-8, 33-B8, 33-9	16483
240—	Stop pin for exhaust lifter	(as ZB 2740)	4...	1...	33-7, 33-10	15790
250—	Tappet, bare, exhaust	(as ZB 2853)	4	6...	1...33-B6, 33-12	20402
251—	Tappet, bare, inlet	(as ZB 3133)	4	0...	1...33-B6, 33-12	20404
252—	Tappet, bare, exhaust	(as ZB 2842)	4	6...	1...33-5	11962
252A—	Tappet, complete, exhaust		5	10...	1...33-5	11962A
253—	Tappet, bare, inlet	(as ZB 2922)	4	0...	1...33-5	11963
253A—	Tappet, complete, inlet		5	4...	1...33-5	11963A
254—	Tappet, bare, exhaust	(as ZB 2851)	4	6...	1...33-6, 33-8, 33-B8	16329
255—	Tappet, bare, inlet	(as ZB 3131)	4	0...	1...33-6, 33-8, 33-B8	16330
256—	Tappet, bare, exhaust	(as ZB 2841)	4	6...	1...33-9	11977
256A—	Tappet, complete, exhaust		5	10...	1...33-9	11977A
257—	Tappet, bare, inlet	(as ZB 2921)	4	0...	1...33-9	11974
257A—	Tappet, complete, inlet		5	4...	1...33-9	11974A
Tappet complete includes tappet, tappet top and tappet top lock nut.						
262—	Tappet top	(as ZB 3231)	1	0...	2...33-5, 33-9	11986
267—	Tappet top lock nut		4...	2...	33-5, 33-9	STD2
268—	Tappet stud (in crankcase)	(as ZB 3290)	3...	2...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	10353
270—	Tappet guide, exhaust	(as ZB 3332)	2	9...	1...33-5, 33-B6, 33-12	11964
271—	Tappet guide, inlet	(as ZB 3432)	2	9...	1...33-5, 33-B6, 33-12	11965
272—	Tappet guide, exhaust	(as ZB 3331)	2	9...	1...33-6, 33-B8	11973
273—	Tappet guide, inlet	(as ZB 3431)	3	3...	1...33-5, 33-B8	11976
274—	Tappet guide, exhaust	(as ZC 3341)	2	9...	1...33-8, 33-9	16699
275—	Tappet guide, inlet	(as ZC 3431)	3	3...	1...33-8, 33-9	16698
279—	Tappet guide nut	(as ZB 3551)	1	3...	2...33-6, 33-B6, 33-8, 33-B8, 33-12	16337
280—	Tappet guide nut	(as ZB 3532)	9...	2...	33-5, 33-9	11967
284—	Mainshaft, timing side	(as ZC 3634)	8	9...	1...33-5, 33-B6, 33-12	20473
285—	Mainshaft, driving		11	0...	1...33-5, 33-B6, 33-12	20573
286—	Mainshaft, timing	(as ZC 3632)	8	9...	1...33-6, 33-8, 33-B8, 33-9	16646
287—	Mainshaft, driving	(as ZC 3672)	11	0...	1...33-6	16830
289—	Mainshaft, driving		15	6...	1...33-7, 33-10	17401
290—	Mainshaft, timing		12	6...	1...33-7, 33-10	17402
291—	Mainshaft, driving		11	0...	1...33-8, 33-B8, 33-9	17374

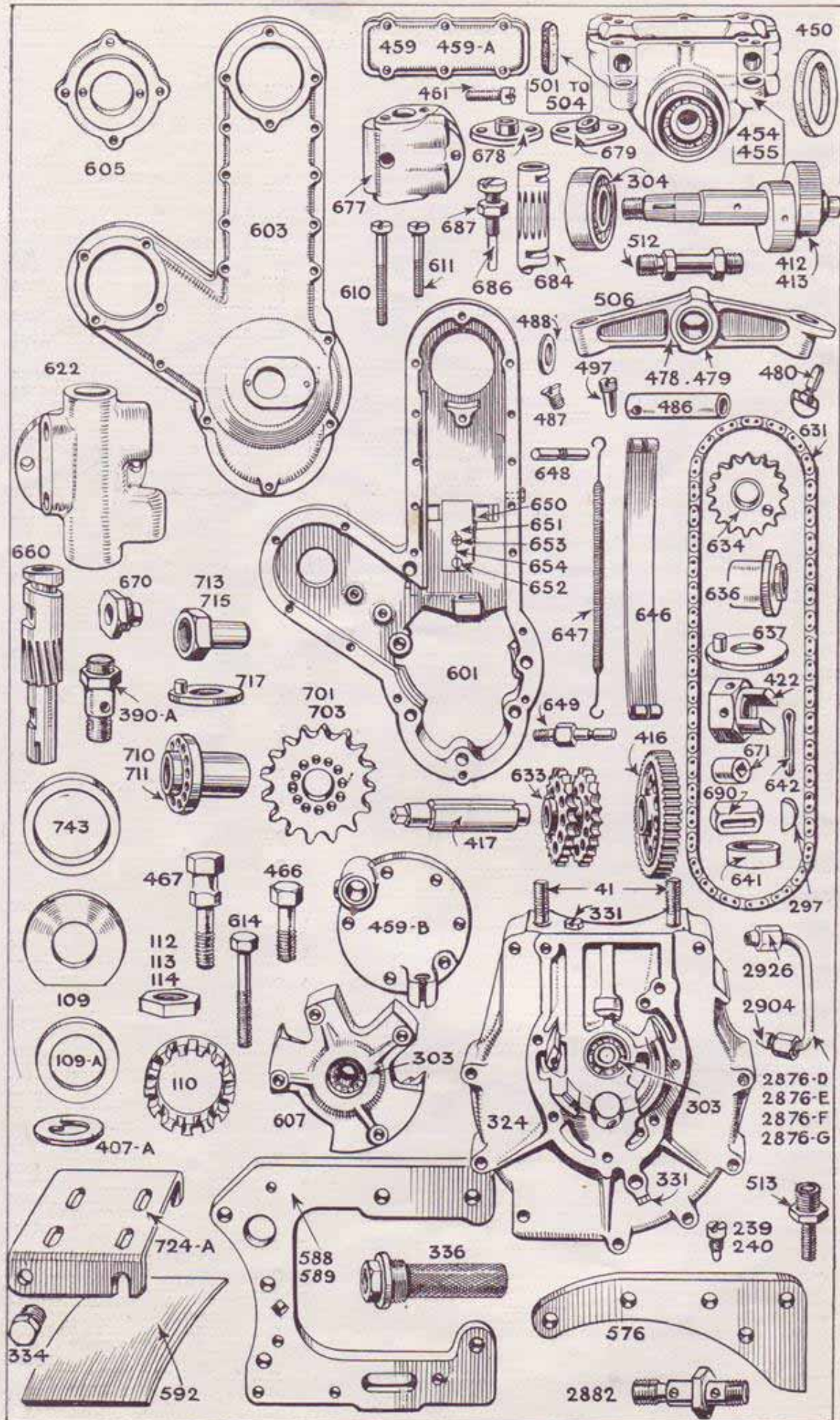


Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
112—	Mainshaft nut, driving side	(as ZB 1271)	4...	1...33-5, 33-B6, 33-12	...	11955
112—	Mainshaft nut, timing side	(as ZB 1271)	4...	1...33-5, 33-B6, 33-12	...	11955
113—	Mainshaft nut, driving side	(as ZB 1261)	5...	1...33-6, 33-8, 33-B8,		
				33-9	...	3821
113—	Mainshaft nut, timing side	(as ZB 1261)	5...	1...33-6, 33-8, 33-B8,		
				33-9	...	3821
114—	Mainshaft nut, driving side	(as ZB 1272)	6...	1...33-7, 33-10	...	16434
114—	Mainshaft nut, timing side	(as ZB 1272)	6...	1...33-7, 33-10	...	16434
296—	Mainshaft key, driving side	(as ZA 3750)	2...	1...All models	...	12074-6
296—	Mainshaft key, timing side (large)	(as ZA 3750)	2...	1...All models	...	12074-6
297—	Mainshaft key timing side (small)	(as ZB 3760)	2...	1...All models	...	12074-3
300—	Ball bearing, mainshaft, driving side	(as ZB 3850)	10 0...	2...33-5, 33-B6, 33-12	...	RL87
300—	Ball bearing, mainshaft, timing side	(as ZB 3850)	10 0...	1...33-5, 33-B6, 33-12	...	RL87
301—	Ball bearing, mainshaft, timing side	(as ZB 3830)	10 0...	1...33-6, 33-8, 33-B8,		
				33-9	...	RM86
302—	Ball bearing, mainshaft, driving side	(as ZB 3851)	10 9...	2...33-6, 33-8, 33-B8,		
				33-9	...	RL88
303—	Ball bearing, mainshaft, timing side	(as ZB 3831)	12 9...	1...33-7, 33-10	...	RM88
304—	Ball bearing, camshaft		8 9...	2...33-7, 33-10	...	RL85
304A—	Ball bearing, timing wheel		8 0...	2...33-7, 33-10	...	RL84
306—	Mainshaft packing shim	(as ZC 3700)	2...	1...33-6, 33-7, 33-8, 33-B8,		
				33-9, 33-10	...	16889
307—	Mainshaft packing shim		2...	1...33-5, 33-B6, 33-12	...	20489A
308—	Mainshaft packing shim		2...	1...33-7, 33-10	...	3895
309—	Mainshaft distance washer	(as ZC 3915)	3...	1...33-5, 33-B6, 33-12	...	20486
310—	Mainshaft distance washer	(as ZC 3910)	3...	1...33-6, 33-7, 33-8, 33-B8,		
				33-9, 33-10	...	16866
312—	Mainshaft distance piece	(as ZC 3893)	6...	1...33-5, 33-B6, 33-12	...	20484
313—	Mainshaft distance piece	(as ZC 3891)	6...	1...33-6, 33-7, 33-8, 33-B8,		
				33-9, 33-10	...	16835
318—	Crankcase with bushes, timing side		2 0 0...	1...33-5, 33-B6, 33-12	...	20566
319—	Crankcase with bushes, timing side		2 5 0...	1...33-6	...	12309
319A—	Crankcase with bushes, timing side		2 5 0...	1...33-B8	...	17371
320A—	Crankcase with bushes, timing side		2 10 0...	1...33-8, 33-9	...	17287
321—	Crankcase, driving side		1 15 0...	1...33-5, 33-B6, 33-12	...	20567
322—	Crankcase, driving side		2 0 0...	1...33-6	...	12301
322A—	Crankcase, driving side		2 0 0...	1...33-B8	...	17370
323A—	Crankcase, driving side		2 5 0...	1...33-8, 33-9	...	17214
324—	Crankcase with bushes, timing side		3 10 0...	1...33-7, 33-10	...	17379
325—	Crankcase, driving side		3 5 0...	1...33-7, 33-10	...	17378
Crankcase halves matched at works only.						
327—	Crankcase paper washer		3...	1...33-5, 33-B6, 33-12	...	12318
328—	Crankcase paper washer		3...	1...33-6, 33-B8	...	17326
329—	Crankcase paper washer		3...	1...33-8, 33-9	...	17327
330—	Crankcase paper washer		3...	1...33-7, 33-10	...	17407
331—	Crankcase oil way screwed plug		1...	2...33-7, 33-10	...	AE91
332—	Crankcase oil way screwed plug washer		2...	2...33-7, 33-10	...	AE92
333—	Crankcase oil filler plug		1 0...	1...33-5, 33-6, 33-B6, 33-8,		
				33-B8, 33-9, 33-12	...	17277
334—	Crankcase drain plug	(as ZB 6220)	4...	1...33-5, 33-6, 33-B6, 33-8,		
				33-B8, 33-9, 33-12	...	360
334—	Compression plug	(as ZB 6220)	4...	1...33-5, 33-9	...	360
334—	Chain cover plug	(as ZB 6220)	4...	1...33-7, 33-10	...	360
336—	Oil sump connection with filter	(as TB 1101)	2 6...	1...33-7, 33-10	...	16189A
337—	Pin, for oil sump connection	(as TA 1020)	11...	1...33-7, 33-10	...	16191
338—	Timing cover		7 0...	1...33-5, 33-B6, 33-12	...	20565
339—	Timing cover	(as ZC 4232)	8 0...	1...33-6, 33-8, 33-B8,		
				33-9	...	12208
341—	Paper washer, for timing cover		3...	1...33-5, 33-B6, 33-12	...	12319
342—	Paper washer, for timing cover		3...	1...33-6, 33-8, 33-B8,		
				33-9	...	17323
343—	Dowel, for timing cover		2...	2...33-5, 33-6, 33-B6, 33-8,		
				33-B8, 33-9, 33-12	...	15725
344—	Tube, for timing cover		4...	1...33-5, 33-6, 33-B6, 33-8,		
				33-B8, 33-9, 33-12	...	16392
345—	Pin, long, for timing cover	(as ZA 4450)	4...	3...33-5, 33-B6, 33-12	...	3494
345—	Pin, long, for timing cover	(as ZA 4450)	4...	4...33-6, 33-8, 33-B8,		
				33-9	...	3494
346—	Pin, cheese-head, for timing cover	(as ZA 4470)	2...	1...33-6, 33-8, 33-B8,		
				33-9	...	16001
346—	Pin, cheese-head, for timing cover	(as ZA 4470)	2...	3...33-5, 33-B6, 33-12	...	16001
347—	Pin, short, for timing cover	(as ZA 4465)	3...	2...33-6, 33-8, 33-B8,		
				33-9	...	3529
351—	Magneto chain cover		14 6...	1...33-5, 33-B6, 33-12	...	20561B
352—	Magneto chain cover	(as ZC 4512)	14 6...	1...33-6, 33-8, 33-B8,		
				33-9	...	16969B
355—	Pump sealing washer, large	(as ZA 4610)	3...	1...33-5, 33-6, 33-B6, 33-8,		
				33-B8, 33-9, 33-12	...	11712
356—	Pump sealing washer, small	(as ZC 4655)	2...	1...33-5, 33-6, 33-B6, 33-8,		
				33-B8, 33-9, 33-12	...	16808
358—	Oil pump control spindle	(as ZC 4630)	1 6...	1...33-5, 33-6, 33-B6, 33-8,		
				33-B8, 33-9, 33-12	...	PJ101
359—	Oil pump control spindle fibre washer	(as ZC 4632)	1...	1...33-5, 33-6, 33-B6, 33-8,		
				33-B8, 33-9, 33-12	...	PE36
360—	Oil pump control spindle steel washer	(as ZC 4634)	1...	1...33-5, 33-6, 33-B6, 33-8,		
				33-B8, 33-9, 33-12	...	PG243
361—	Oil pump control spindle spring washer	(as ZC 4636)	1...	1...33-5, 33-6, 33-B6, 33-8,		
				33-B8, 33-9, 33-12	...	PE15



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362—Stop screw for control spindle	(as ZC 4638)		2...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	PJ83
363—Stop screw nut	(as ZC 4640)		1...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	PJ81
364—Ratchet pin	(as ZC 4642)		1...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	PJ90
365—Ratchet spring	(as ZC 4644)		1...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	PJ91
366—Oil pump end plate	(as ZC 4646)		1	0...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	PJ97
367—Oil pump end plate fibre washer	(as ZC 4648)		1...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	PJ96
368—Oil pump end plate screw			1...	4...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	PE16
368—Oil pump worm bush screw			1...	2...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	PE16
369—Oil pump plunger	(as ZC 4661)		6	0...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	PJ86
371—Oil pump plunger spring	(as ZB 4669)		6...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	PG34
372—Oil pump drive worm			2	3...	1...33-5, 33-B6, 33-12	PJ134
373—Oil pump drive worm	(as ZB 4672)		2	3...	1...33-6, 33-8, 33-B8, 33-9	PJ102
376—Oil pump drive worm bush			1	0...	1...33-5, 33-B6, 33-12	PJ133
377—Oil pump drive worm bush	(as ZB 4682)		1	0...	1...33-6, 33-8, 33-B8, 33-9	PJ51
381—Oil pump plunger cam cap screw			3...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	PJ130
383—Brass liner for pump	(as ZC 4735)		1	0...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	PJ68
385—Brass liner lock screw	(as ZC 4745)		1...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	PJ100
386—Oil pump screwed end plug	(as ZA 4690)		1	0...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	PJ92
387—Oil pump screwed end plug washer	(as ZA 4700)		2...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	PJ21
388—Screwed oil union	(as ZA 4710)		6...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	L3E247
390A-Banjo oil union pin			1	0...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	PJ50
391—Nut, for banjo pin	(as TA 800)		5...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	11818
393—Plug screw for oil ways	(as ZB 4753)		2...	3...	33-6, 33-8, 33-B8, 33-9	PJ24
394—Inspection cap for chain cover	(as ZB 4771)		4...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	16354
395—Spring blade for cover cap	(as ZB 4773)		3...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	16355
396—Rivet, for spring blade	(as ZB 4776)		2...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	3894
397—Fibre washer, for banjo pin	(as TA 260)		2...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	11503
398—Fibre washer, for banjo pin	(as TC 810)		2...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	11504
399—Pump unit spring blade washer			1...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	15303
400—Cam bush in timing cover	(as ZB 4790)		1	6...	2...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	15681
401—Cam bush in crankcase	(as ZB 4810)		1	6...	2...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	15680
404—Small timing pinion	(as ZB 4900)		4	0...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	15667
405—Small timing pinion	(as ZB 4910)		4	0...	1...33-7, 33-10	11260
297—Key, for small timing pinion	(as ZB 3760)		2...	1...	All models	12074-3
406—Nut, for small timing pinion	(as ZB 4920)		3...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	2838
407—Nut, for small timing pinion			3...	1...	33-7, 33-10	17472
407A—Lock washer, for small timing pinion nut			2...	1...	33-7, 33-10	17473
408—Cam wheel, exhaust	(as ZB 5181)		8	9...	1...33-5, 33-B6, 33-12	12031
409—Cam wheel, inlet	(as ZB 5221)		8	9...	1...33-5, 33-B6, 33-12	12033
410—Cam wheel, exhaust	(as ZB 5160)		8	9...	1...33-6, 33-8, 33-B8, 33-9	11404
411—Cam wheel, inlet	(as ZA 5200)		8	9...	1...33-6, 33-8, 33-B8, 33-9	11403
412—Camshaft			1	7	6... 1...33-7	12044
413—Camshaft			1	7	6... 1...33-10	16437
414—Shaft, for exhaust cam wheel	(as ZA 5240)		2	6...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	15986
415—Shaft, for inlet cam wheel	(as ZB 5260)		3	6...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	15666
416—Timing wheel	(as ZB 5370)		9	9...	1...33-7, 33-10	11261
417—Timing wheel shaft	(as ZB 5380)		2	9...	1...33-7, 33-10	11274
297—Timing wheel shaft key	(as ZB 3760)		2...	2...	33-7, 33-10	12074-3
297—Timing shaft sprocket key	(as ZB 3760)		2...	2...	33-7, 33-10	12074-3
297—Exhaust cam wheel shaft key	(as ZB 3760)		2...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	12074-3
297—Inlet cam wheel shaft key	(as ZB 3760)		2...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	12074-3







Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on	Drawing Number.
420—Camshaft chain sprocket	(as ZB 5520)		£ s. d.	3 6...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	410
421—Camshaft chain sprocket lock nut washer				1...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	LE4048
640—Camshaft chain sprocket lock nut	(as ZB 5540)			3...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	2768
425—Steady rod			1	3...	1...33-5, 33-B6, 33-12	20631
426—Steady rod			1	6...	1...33-7, 33-10	17405
427—Steady rod nut	(as YA 4360)		2...	1...33-5, 33-B6, 33-12	10485	
427A—Steady rod nut	(as RB 2937)		3...	1...33-7, 33-10	12002	
428—Steady rod clip	(as ZC 5967)		4...	1...33-5, 33-B6, 33-12	10443	
428A—Steady rod clip	(as ZA 5990)		8...	1...33-7, 33-10	15794	
429—Steady rod clip bolt	(as ZB 6000)		3...	1...33-5, 33-B6, 33-12	10484	
429A—Steady rod clip bolt	(as ZA 6021)		4...	2...33-7, 33-10	3455	
430—Steady rod clip bolt nut	(as ZA 6020)		2...	1...33-5, 33-B6, 33-12	10499	
430A—Steady rod clip bolt nut	(as ZA 7160)		2...	2...33-7, 33-10	3069	
432—Steady plate			1	3...	1...33-12	20706
432A—Steady plate			1	3...	1...33-B6	12376
433—Steady plate distance piece			3...	1...33-B6, 33-12	12377	
46—Steady clip bolt washer	(as ZA 6040)		1...	1...33-5, 33-B6, 33-12	2886	
46—Steady clip bolt washer	(as ZA 6040)		1...	4...33-7, 33-10	2886	
435—Compression plug C and A washer	(as ZB 6230)		2...	1...33-5, 33-9	3790	
437—Flywheel, timing side			1 7	6...	1...33-10	17399-2
438—Flywheel, timing side			1 5	0...	1...33-7	12358-2
438A—Flywheel, timing side	(as ZC 6342)		14	6...	1...33-12	20524
439—Flywheel, timing side	(as ZC 6262)		14	6...	1...33-5, 33-B6	20523
439A—Flywheel, driving side	(as ZC 6462)		16	0...	1...33-12	20522
440—Flywheel, driving side	(as ZC 6382)		16	0...	1...33-5, 33-B6	20521
442—Flywheel, timing side	(as ZB 6383)		16	0...	1...33-6	11923
443—Flywheel, driving side	(as ZB 6263)		16	0...	1...33-6	11924
444—Flywheel, timing side			19	0...	1...33-B8	17051
445—Flywheel, driving side			19	0...	1...33-B8	17052
446—Flywheel, driving side	(as ZB 6421)		19	0...	1...33-8, 33-9	16231
447—Flywheel, timing side	(as ZB 6301)		19	0...	1...33-8, 33-9	16302
448—Flywheel, driving side			1 5	0...	1...33-7	12358-1
449—Flywheel, driving side			1 7	6...	1...33-10	17399-1
450—Rocker box rubber ring	(as ZB 6721)		7...	1...33-7, 33-10	16451	
451—Rocker box, less cap	(as ZB 6531)		18	6...	1...33-B6, 33-12	20351
452—Rocker box, less cap	(as ZA 6480)		18	6...	1...33-6, 33-B8	11629
453—Rocker box, less cap	(as ZA 6520)		18	6...	1...33-8	16936
454—Rocker box, less cap			1 12	6...	1...33-7	12338
455—Rocker box, less cap			1 12	6...	1...33-10	17383
456—Rocker box cap	(as ZA 6540)		1	9...	1...33-6, 33-B6, 33-B8, 33-12	11637
457—Rocker box cap	(as ZA 6580)		1	9...	1...33-8	15954
459—Rocker box cap	(as ZB 6561)		4	0...	1...33-7	12115
459A—Rocker box cap	(as ZB 6571)		4	0...	1...33-10	16528
459B—Rocker box end cap			5	6...	1...33-7, 33-10	17384
460—Rocker box cap pin	(as ZB 6590)		2...	4...33-6, 33-B6, 33-8, 33-B8, 33-12	15779	
460—Rocker box end cap pin			2...	4...33-7, 33-10	15779	
461—Rocker box cap pin	(as ZB 6601)		2...	6...33-7, 33-10	16449	
462—Rocker box securing pin	(as ZB 6630)		4...	1...33-B6, 33-12	15131	
463—Rocker box securing pin, long			5...	3...33-B6, 33-12	10787	
464—Rocker box securing pin	(as ZA 6710)		4...	2...33-6, 33-8, 33-B8	15944	
465—Rocker box securing pin, long			4...	2...33-6, 33-8, 33-B8	15943	
466—Rocker box securing pin, short	(as ZB 6670)		4...	3...33-7, 33-10	11275	
467—Rocker box securing pin, long	(as ZB 6681)		6...	1...33-7, 33-10	16450	
69—Washer, for box securing pin	(as WA 3200)		1...	4...33-7, 33-10	2883	
47—Washer, for box securing pin	(as ZB 7170)		1...	4...33-6, 33-8, 33-B8	2882	
471—Washer, for box end cap pin			1...	4...33-7, 33-10	2890	
472—Washer, shim, for box securing pin			1...	R...33-7, 33-10	17538	
474—O.H. rocker with arms and studs, exhaust	(as ZB 6761)		15	0...	1...33-B6, 33-12	20366A
475—O.H. rocker with arms and studs, inlet	(as ZB 6785)		15	0...	1...33-B6, 33-12	20365A
476—O.H. rocker with arms and studs, exhaust	(as ZB 6741)		15	0...	1...33-6, 33-8, 33-B8	16254AE
477—O.H. rocker with arms and studs, inlet	(as ZB 6781)		15	0...	1...33-6, 33-8, 33-B8	16254AI
478—O.H. rocker, complete	(as ZB 6751)		1 1	0...	2...33-7	12116
479—O.H. rocker, complete	(as ZB 6757)		1 1	0...	2...33-10	16529

Overhead rocker complete includes rocker, cam shoe, adjusting pin and adjusting pin lock nut.

480—O.H. rocker pin or cam shoe	(as ZB 6880)	2	0...	2...33-7, 33-10	15759
482—O.H. rocker shaft with tappet arm only, inlet		9	6...	1...33-B6, 33-12	20365B
483—O.H. rocker shaft with tappet arm only, exhaust		9	6...	1...33-B6, 33-12	20366B
484—O.H. rocker shaft with tappet arm only, inlet or exhaust		9	6...	1...33-6, 33-8, 33-B8	16254
486—Rocker spindle	(as ZB 6911)	3	6...	2...33-7, 33-10	16431
487—Rocker spindle end pin	(as ZB 6918)	2...	4...	33-7, 33-10	16463
488—Rocker spindle end pin washer	(as ZB 6924)	1...	4...	33-7, 33-10	16462
490—Rocker box arm, inlet valve end		4	0...	1...33-6, 33-B6, 33-8, 33-B8, 33-12	16400
491—Rocker box arm, exhaust valve end		4	0...	1...33-6, 33-B6, 33-8, 33-B8, 33-12	16401
496—Rocker arm boss pin	(as ZB 6791)	4...	2...	33-6, 33-B6, 33-8, 33-B8, 33-12	11897
497—Rocker taper pin	(as ZB 6915)	7...	2...	33-7, 33-10	16452



Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
498—	Rocker arm washer .....			3...	2...33-6, 33-B6, 33-8, 33-B8, 33-12 .....	16353
499—	Rocker arm boss pin washer .....	(as YB 530)		1...	2...33-6, 33-B6, 33-8, 33-B8, 33-12 .....	10328
500—	Rocker arm spring .....	(as ZB 6793)		4...	2...33-6, 33-B6, 33-8, 33-B8, 33-12 .....	16361
501—	Rocker box rubber pad .....			3...	2...33-7, 33-10 .....	17550
502—	Rocker box felt pad .....			3...	2...33-7, 33-10 .....	16429
503—	Rocker box cover rubber pad .....			4...	2...33-7, 33-10 .....	17549
504—	Rocker box cover felt pad .....			4...	2...33-7, 33-10 .....	16430
505—	Rocker arm shaft bush .....	(as ZB 6840)		2	3... 4...33-6, 33-B6, 33-8, 33-B8, 33-12 .....	15985
506—	Rocker bush .....	(as ZB 6865)		2	3... 2...33-7, 33-10 .....	16533
507—	Rocker ball end pin (tappet end) .....	(as ZB 6871)		9...	2...33-6, 33-B6, 33-7, 33-8, 33-B8, 33-10, 33-12 .....	16335
509—	Valve rocker pin (valve end) .....	(as ZA 6860)		8...	2...33-6, 33-B6, 33-7, 33-8, 33-B8, 33-10, 33-12 .....	16074
510—	Rocker pin lock nut .....	(as ZB 6890)		3...	2...33-6, 33-B6, 33-7, 33-8, 33-B8, 33-10, 33-12 .....	11463
511—	Rocker arm lubricator .....	(as ZB 6900)		3...	3...33-6, 33-B6, 33-8, 33-B8, 33-12 .....	AB68
512—	Rocker oil union, long .....			10...	1...33-7, 33-10 .....	17507
513—	Rocker oil union, short .....			8...	2...33-7, 33-10 .....	17433
514—	O.H. tappet tube with ends assembled .....			4	0... 2...33-12 .....	20701A
515—	O.H. tappet tube with ends assembled .....			4	0... 2...33-B6 .....	12275A
516—	O.H. tappet tube with ends assembled .....	(as ZB 6931)		4	0... 2...33-6, 33-B8 .....	11966A
517—	O.H. tappet tube with ends assembled .....	(as ZB 6951)		4	0... 2...33-8 .....	16306A

O.H. tappet tube with ends assembled includes tube, tube ends, tube cups and pegs.

518—	O.H. tappet tube, bare .....			1	7... 2...33-12 .....	20701
519—	O.H. tappet tube, bare .....			1	7... 2...33-B6 .....	12275
520—	O.H. tappet tube, bare .....			1	7... 2...33-6, 33-B8 .....	11966
521—	O.H. tappet tube, bare .....			1	7... 2...33-8 .....	16306
522—	Tappet tube end .....			7...	4...33-6, 33-B6, 33-8, 33-B8, 33-12 .....	16335
525—	Tappet tube cup .....			7...	4...33-6, 33-B6, 33-8, 33-B8, 33-12 .....	16336
526—	Tappet tube peg .....			1...	4...33-6, 33-B6, 33-8, 33-B8, 33-12 .....	16173
530—	Enclosing top tube, with nut .....	(as ZB 6991)		2	6... 2...33-6, 33-B6, 33-8, 33-B8, 33-12 .....	16312-1
531—	Enclosing bottom tube .....	(as ZA 6970)		2	2... 2...33-6, 33-B6, 33-8, 33-B8, 33-12 .....	16312-2
536—	Enclosing bottom tube nut .....	(as ZA 7020)		1	0... 2...33-6, 33-B6, 33-8, 33-B8, 33-12 .....	15942
537—	Engine bolt .....	(as ZA 7100)		4...	9...33-5, 33-B6, 33-12 .....	20279
538—	Engine bolt .....	(as ZB 7090)		4...	1...33-6, 33-8, 33-B8, 33-9 .....	15095
538—	Engine bolt .....	(as ZB 7090)		4...	2...33-5, 33-B6, 33-12 .....	15095
538—	Engine bolt .....	(as ZB 7090)		4...	3...33-7, 33-10 .....	15095
539—	Engine bolt .....	(as ZB 7080)		4...	5...33-6 .....	11474
540—	Engine bolt .....	(as ZB 7040)		4...	3...33-6 .....	15096
540—	Engine bolt .....	(as ZB 7040)		4...	4...33-8, 33-B8, 33-9 .....	15096
541—	Engine bolt .....			4...	4...33-8, 33-B8, 33-9 .....	16253
541—	Engine bolt .....			4...	6...33-7, 33-10 .....	16253
640—	Nut, for engine bolt .....	(as ZB 5540)		3...	22...33-5, 33-B6, 33-12 .....	2768
45—	Nut, for engine bolt .....	(as ZB 520)		2...	18...33-6, 33-8, 33-B8, 33-9 .....	2871
45—	Nut, for engine bolt .....	(as ZB 520)		2...	12...33-7, 33-10 .....	2871
47—	Washer, for engine bolt .....	(as ZB 7170)		1...	12...33-7, 33-10 .....	2882
47—	Washer, for engine bolt .....	(as ZB 7170)		1...	18...33-6, 33-8, 33-B8, 33-9 .....	2882
47—	Washer, for engine bolt .....	(as ZB 7170)		1...	22...33-5, 33-B6, 33-12 .....	2882
560—	Engine sprocket .....	(as ZC 7422)		8	6... 1...33-5 .....	20485-18
561—	Engine sprocket .....			8	6... 1...33-B6, 33-12 .....	20485-20
562—	Engine sprocket .....	(as ZC 7382)		11	0... 1...33-6, 33-7, 33-8, 33-B8, 33-9 .....	16832-21
563A—	Engine sprocket .....			11	0... 1...33-10 .....	16832-24
564—	Engine sprocket sleeve .....	(as ZC 7481)		6	6... 1...All models .....	16831
565—	Engine sprocket distance piece .....			1	9... 1...33-5, 33-B6, 33-12 .....	20574
566—	Engine sprocket distance piece .....	(as ZC 7600)		1	2... 1...33-6 .....	16836
567—	Engine sprocket distance piece .....			3...	1...33-7, 33-8, 33-B8, 33-9, 33-10 .....	17375
568—	Engine sprocket nut .....	(as ZC 7500)		4...	1...All models .....	12234
569—	Shock absorber spring .....	(as ZC 7561)		1	3... 1...All models .....	12236
569A—	Shock absorber spring washer .....	(as ZC 7571)		1	3... 1...All models .....	16833
570—	Front engine plate, left .....			1	3... 1...33-5, 33-B6, 33-12 .....	20559L
571—	Front engine plate, right .....			1	3... 1...33-5, 33-B6, 33-12 .....	20559R
572—	Front engine plate, left .....	(as ZB 7221)		1	3... 1...33-6, 33-B8 .....	11886L
573—	Front engine plate, right .....			1	3... 1...33-6, 33-B8 .....	11886R
574—	Front engine plate, left .....			1	3... 1...33-8, 33-9 .....	16711
575—	Front engine plate, right .....			1	3... 1...33-8, 33-9 .....	16710
576—	Front engine plate, left or right .....			2	9... 2...33-7, 33-10 .....	17386
581—	Rear engine plate, left or right .....			1	3... 2...33-5, 33-B6, 33-12 .....	20560
582—	Rear engine plate, left .....			5	0... 1...33-6 .....	12215L
583—	Rear engine plate, right .....			7	6... 1...33-6 .....	12215R
584—	Rear engine plate, left .....			5	0... 1...33-8, 33-9 .....	16709L
585—	Rear engine plate, right .....	(as ZC 7335)		7	6... 1...33-8, 33-9 .....	16709R



Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
586	Rear engine plate, left		5 0..	1...33-B8	.....	12215-1-L
587	Rear engine plate, right		7 6..	1...33-B8	.....	12215-1-R
588	Rear engine plate, left		10 0..	1...33-7, 33-10	.....	17429
589	Rear engine plate, right		8 6..	1...33-7, 33-10	.....	17387
590	Engine plate cover, front		1 0..	1...33-5, 33-B6, 33-12	.....	20612
591	Engine plate cover, front	(as RB 2920)	6..	1...33-6	.....	12021
592	Engine plate cover, front	(as RC 2928)	6..	1...33-7, 33-8, 33-9, 33-10	.....	16730
593	Engine plate cover, front		1 0..	1...33-B8	.....	17498
595	Engine plate cover, rear	(as YB 590)	1 6..	1...33-6, 33-B8	.....	11982
596	Engine plate cover, rear	(as YB 595)	1 6..	1...33-8, 33-9	.....	16245
597	Engine plate cover, rear		1 6..	1...33-7, 33-10	.....	17431
601	Timing chain case body		1 15 0..	1...33-7, 33-10	.....	17380
603	Timing chain case body cover		1 5 0..	1...33-7, 33-10	.....	17381
605	Timing chain cover cap (over camshaft)		3 0..	1...33-7, 33-10	.....	17395
605	Timing chain cover cap (over magneto)		3 0..	1...33-7, 33-10	.....	17395
607	Timing chain case spider		5 6..	1...33-7, 33-10	.....	17382
608	Disc, for timing chain cover magneto cap		1 0..	1...33-7, 33-10	.....	17453
610	Pin, long, fixing chain case body	(as ZB 4370)	5..	6...33-7, 33-10	.....	11288
611	Pin, short, fixing chain case body	(as ZB 4380)	3..	1...33-7, 33-10	.....	11307
611	Pin, long, fixing chain case cover and caps		3...13..	33-7, 33-10	.....	11307
613	Pin, short, fixing chain case cover and caps	(as ZB 6150)	4..	8...33-7, 33-10	.....	11522
614	Pin, fixing spider		4..	4...33-7, 33-10	.....	20431
615	Pin, fixing magneto cap disc		2..	2...33-7, 33-10	.....	17470
624	Washer, for spider fixing pin		1..	4...33-7, 33-10	.....	2885
631	Timing chain		7 2..	1...33-7, 33-10	.....	17551
633	Timing chain sprocket on timing shaft	(as ZB 5260)	12 9..	1...33-7, 33-10	.....	11262
634	Timing chain sprocket on camshaft	(as ZB 5310)	4 6..	1...33-7, 33-10	.....	11266
636	Camshaft sprocket sleeve	(as ZB 5320)	2 9..	1...33-7, 33-10	.....	11330
637	Camshaft sprocket peg washer		7..	1...33-7, 33-10	.....	11331
422	Camshaft sprocket nut		1 9..	1...33-7, 33-10	.....	17409
641	Camshaft sprocket nut sleeve		3..	1...33-7, 33-10	.....	17410
642	Camshaft sprocket nut split pin		1..	1...33-7, 33-10	.....	17554
643	Chain fabric	(as ZB 4331)	2 0..	1...33-7, 33-10	.....	16459
644	Chain fabric rivet, long		2..	1...33-7, 33-10	.....	11316-1
645	Chain fabric rivet, short		1..	2...33-7, 33-10	.....	11316-2
646	Tension blade	(as ZB 5411)	2 3..	1...33-7, 33-10	.....	16424
647	Tension blade coil spring	(as Z 5431)	1 3..	1...33-7, 33-10	.....	16464
648	Tension blade coil spring pin, top	(as ZA 5280)	4..	1...33-7, 33-10	.....	11323
649	Tension blade coil spring pin, bottom	(as ZB 5450)	1 3..	1...33-7, 33-10	.....	11309
650	Tension blade slider	(as ZB 5460)	9..	1...33-7, 33-10	.....	15786
651	Tension blade slider spring	(as ZB 5470)	4..	1...33-7, 33-10	.....	15784
652	Tension blade slider spring pin, one slot		2..	1...33-7, 33-10	.....	11315-1
653	Tension blade slider spring pin, two slot		2..	1...33-7, 33-10	.....	11315-2
654	Tension blade slider spring pin lock spring		2..	1...33-7, 33-10	.....	12133
661	Main oil pump, complete		1 10 0..	1...33-7, 33-10	.....	PJ139

Complete oil pump does not include fixing pins or driving coupling block.

662	Main oil pump body		12 0..	1...33-7, 33-10	.....	PJ53
663	Main oil pump body brass sleeve		1 0..	1...33-7, 33-10	.....	PJ37
664	Main oil pump body brass sleeve lock screw		1..	1...33-7, 33-10	.....	PJ140
388	Main oil pump body oil union, large		6..	3...33-7, 33-10	.....	L3E247
2885	Main oil pump body oil union, small		3..	1...33-7, 33-10	.....	MT24
390A	Main oil pump body banjo pin		1 0..	1...33-7, 33-10	.....	PJ50
666	Main oil pump plunger		6 0..	1...33-7, 33-10	.....	PJ26
667	Main oil pump plunger guide screw		3..	1...33-7, 33-10	.....	PJ49
668	Main oil pump end cap		1 0..	2...33-7, 33-10	.....	PJ62
387	Main oil pump end cap washer		2..	2...33-7, 33-10	.....	PJ21
669	Main oil pump worm		2 3..	1...33-7, 33-10	.....	PJ6
670	Main oil pump worm bush		1 0..	1...33-7, 33-10	.....	PJ10
671	Main oil pump driving coupling block		10..	1...33-7, 33-10	.....	11303
347	Main oil pump fixing screw		3..	2...33-7, 33-10	.....	3529
624	Main oil pump fixing screw washer		1..	2...33-7, 33-10	.....	2885
676	Camshaft oil pump, complete		12 6..	1...33-7, 33-10	.....	PW1

Complete oil pump does not include fixing pins or driving coupling block.

677	Camshaft oil pump body		4 0..	1...33-7, 33-10	.....	PW2
678	Camshaft oil pump plain end cap		6..	1...33-7, 33-10	.....	PG27
679	Camshaft oil pump drilled end cap		1 0..	1...33-7, 33-10	.....	PG256
680	Camshaft oil pump end cap fibre washer		1..	2...33-7, 33-10	.....	PE33
368	Camshaft oil pump end cap screw		1..	4...33-7, 33-10	.....	PE16
368	Camshaft oil pump worm bush screw		1..	2...33-7, 33-10	.....	PE16
682	Camshaft oil pump worm		1 6..	1...33-7, 33-10	.....	PG143
683	Camshaft oil pump worm bush		9..	1...33-7, 33-10	.....	PG149
684	Camshaft oil pump plunger		3 0..	1...33-7, 33-10	.....	PE3
685	Camshaft oil pump plunger spring		3..	1...33-7, 33-10	.....	PG126
686	Camshaft oil pump regulating spindle		9..	1...33-7, 33-10	.....	PG197
687	Camshaft oil pump regulating spindle nut		2..	1...33-7, 33-10	.....	PU51
359	Camshaft oil pump regulating spindle fibre washer		1..	1...33-7, 33-10	.....	PE36
360	Camshaft oil pump regulating spindle plain washer		1..	1...33-7, 33-10	.....	PG243
690	Camshaft oil pump driving coupling block		10..	1...33-7, 33-10	.....	17411
691	Camshaft oil pump fixing pin, long		5..	1...33-7, 33-10	.....	17512
692	Camshaft oil pump fixing pin, short		3..	1...33-7, 33-10	.....	3083
471	Camshaft oil pump fixing pin washer		1..	2...33-7, 33-10	.....	2890



## MAGNETO GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.	
			£ s. d.				
701—Magneto sprocket	.....	(as ZB 7890)	3 6...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	411	
702—Magneto sprocket	.....	(as ZB 7900)	3 6...	1...	33-7, 33-10	11297	
710—Magneto sprocket sleeve	.....	(as ZB 7921)	2 0...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	16920	
711—Magneto sprocket sleeve	.....	(as ZB 7940)	2 0...	1...	33-7, 33-10	11296	
713—Magneto sprocket sleeve nut	.....	(as ZB 8030)	7...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	10052	
715—Magneto sprocket sleeve nut	.....		7...	1...	33-7, 33-10	3506	
717—Magneto sprocket sleeve peg washer	...	(as ZB 7970)	7...	1...	All models	2051	
721—Magneto platform	.....		4 0...	1...	33-5, 33-B6, 33-12	20580	
722—Magneto platform	.....	(as ZB 8101)	4 0...	1...	33-6	11971	
723—Magneto platform	.....	(as ZB 8121)	4 0...	1...	33-8, 33-B8, 33-9	16270	
724A—Magneto platform	.....		4 0...	1...	33-7, 33-10	17413	
727A—Magneto platform bolt	.....		7...	2...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	17440	
728—Magneto platform link	.....	(as ZC 8255)	10...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16725	
729—Magneto platform distance tube	.....	(as ZC 8233)	4...	2...	33-6	12214	
730—Magneto platform distance tube	.....	(as ZC 8236)	4...	2...	33-7, 33-8, 33-B8, 33-9, 33-10	16726	
735—Magneto platform link bolt washer	.....		1...	2...	33-6, 33-8, 33-B8, 33-9	2888	
736—Magneto platform link bolt washer	.....		1...	2...	33-7, 33-10	STD11	
740—Magneto fixing pin	.....		4...	4...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	T3MD1	
741—Magneto fixing pin	.....	(as ZA 8205)	4...	4...	33-7, 33-10	12005	
742—Earth pin	.....		1...	1...	33-6, 33-8, 33-B8, 33-9	3086	
743—Rubber sealing ring for magneto body	.....		7...	1...	33-7, 33-10	17516	
751—Magneto	.....		4 2	6...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	KSA1
752—Magneto	.....		5 15	0...	1...	33-7, 33-10	KR1
755—Magdyno	.....		7 10	0...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	MS1
756—Magdyno	.....		7 10	0...	1...	33-7, 33-10	MSR1

## GENUINE A.J.S. PARTS

purchased from the Factory direct or from an Authorised Dealer, are identical with the parts originally built into your motor cycle. In getting genuine A.J.S. parts, made by the factory that designed and built your motor cycle, you are assured that they will fit and give you the utmost in satisfactory service.

If in difficulty with your

### A.J.S. MOTOR CYCLE

write to the Service Department  
for assistance.



## EXHAUST SYSTEM GROUP.

Low—or Standard pipes—are fitted to Models 33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12.

High—or Competition pipes—are an optional fitment to Models 33-6, 33-B6, 33-8, 33-B8, 33-12.

High—or Competition pipes—are the standard fitment on Models 33-7, 33-10.

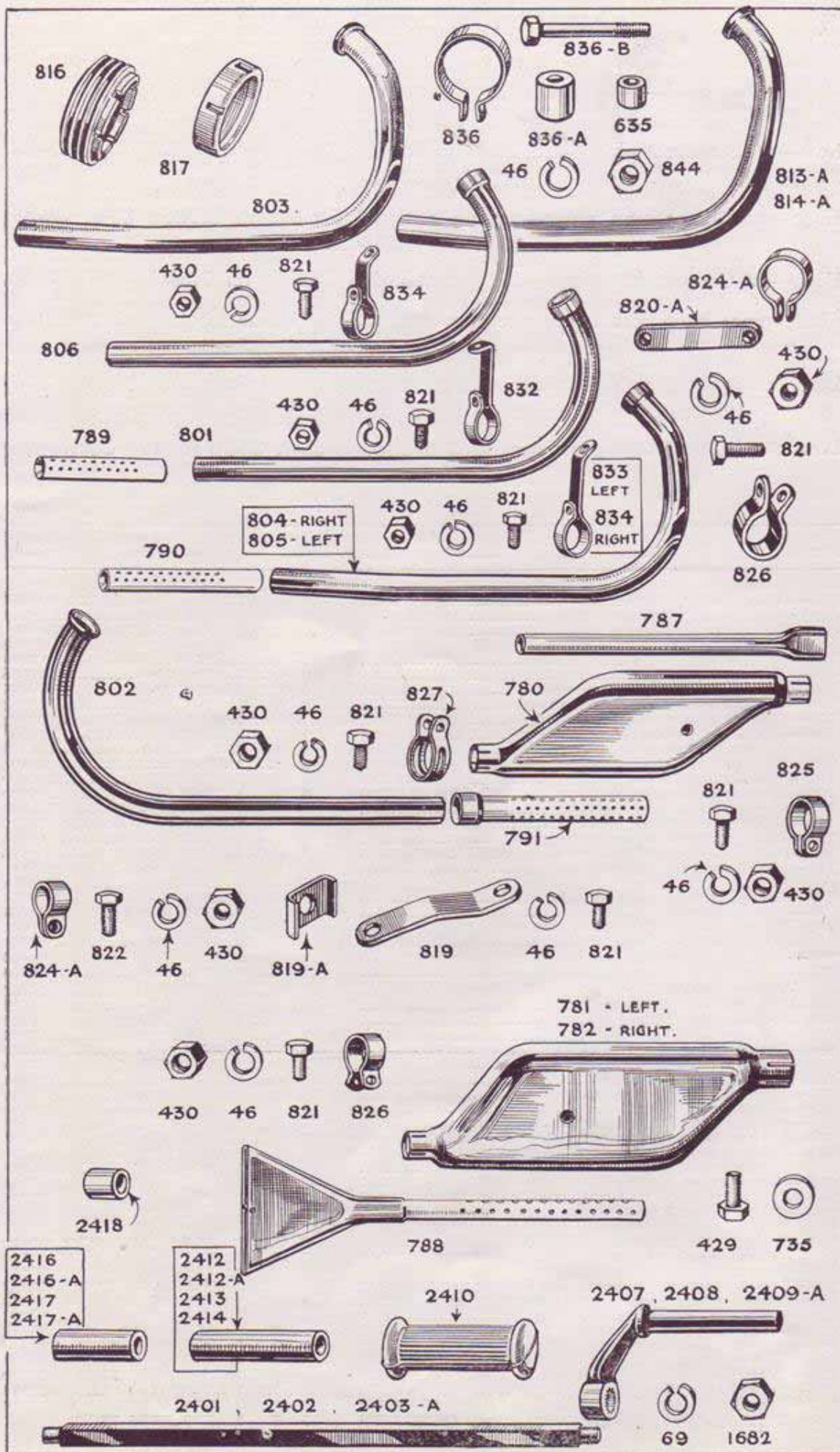
These pipes have round-type silencers and, for the Home market only, are also equipped with detachable fan-shaped fishtails.

Low, straight-through pipes for racing, are an optional fitment on Models 33-7, 33-10, and these pipes are equipped with detachable extension pipes.

Low, straight-through pipes are fitted to Models 33-7, 33-10 for the Continental market.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
780—Silencer only, Touring	(as ZB 8685)		19 0	1	33-5, 33-B6, 33-12	20451
781—Silencer only, Touring, left	(as ZB 8655)		1 0 0	1	33-6, 33-8	16341
782—Silencer only, Touring, right	(as ZB 8650)		1 0 0	1	33-6, 33-8, 33-B8, 33-9	16342
783—Silencer only, High			1 0 0	1	33-B6, 33-B8, 33-12	17508
784—Silencer only, High			1 0 0	2	33-6, 33-8	17486
785—Silencer only, High, Home model			1 0 0	1	33-7, 33-10	17542-1
786—Silencer only, high, Export model			1 0 0	1	33-7, 33-10	17542-2
787—Silencer extension tube, Touring	(as ZB 8781)		3 6	1	33-5, 33-B6, 33-12	20410
788—Silencer extension tube, Touring	(as ZA 8740)		9 6	1	33-B8, 33-9	16381
788—Silencer extension tube, Touring	(as ZA 8740)		9 6	2	33-6, 33-8	16381
789—Silencer baffle tube, Touring	(as ZC 8722)		2 9	1	33-5	20493
790—Silencer baffle tube, Touring	(as ZA 8720)		2 9	2	33-6, 33-8	16500
790—Silencer baffle tube, Touring	(as ZA 8720)		2 9	1	33-9	16500
791—Silencer baffle tube, Touring			3 6	1	33-B6, 33-B8, 33-12	12282
791—Silencer baffle tube, High			3 6	1	33-7, 33-10	12282
792—Fishtail extension, for racing pipe			4 0	1	33-7, 33-10	11074
792A—Fishtail, for silencer (Home model only)			7 6	1	33-7, 33-10	TE475
794—Shield, for high exhaust pipe			5 0	1	33-B6, 33-7, 33-B8, 33-10, 33-12	17098A
795—Shield, for high exhaust pipe			5 0	2	33-6, 33-8	TE463A
796—Shield clip bolt			2	4	33-6, 33-8	TF41
796—Silencer fishtail clip bolt (Home model only)			2	1	33-7, 33-10	TF41
797—Shield clip bolt nut			3	4	33-6, 33-8	TE464
797—Silencer fishtail clip bolt nut (Home model only)			3	1	33-7, 33-10	TE464
798—Shield clip bolt seat			2	4	33-6, 33-8	TE465
798—Silencer fishtail clip bolt seat (Home model only)			2	1	33-7, 33-10	TE465
801—Exhaust pipe, Touring			15 6	1	33-5	12322
802—Exhaust pipe, Touring			1 1 0	1	33-B6, 33-12	12321
803—Exhaust pipe, Touring			1 1 0	1	33-B8	17342
804—Exhaust pipe, Touring, right			17 6	1	33-6, 33-8	17340
805—Exhaust pipe, Touring, left			17 6	1	33-6, 33-8	17339
806—Exhaust pipe, Touring			17 6	1	33-9	17341
807—Exhaust pipe, High			1 11 0	1	33-B6	20700
808—Exhaust pipe, High			1 11 0	1	33-12	20699
809—Exhaust pipe, High			1 11 0	1	33-B8	17499
810—Exhaust pipe, High, right			1 7 6	1	33-6, 33-8	17501
811—Exhaust pipe, High, left			1 7 6	1	33-6, 33-8	17500
812—Exhaust pipe, High			1 11 0	1	33-7, 33-10	17544
813—Exhaust pipe, Racing			1 12 6	1	33-7	12381
813A—Exhaust pipe (Continental model only)			1 11 0	1	33-7	12386
814—Exhaust pipe, Racing			1 12 6	1	33-10	17545
814A—Exhaust pipe (Continental model only)			1 11 0	1	33-10	17571
816—Exhaust pipe ring nut			5 3	1	33-B6, 33-B8, 33-12	12270
817—Exhaust pipe ring nut	(as ZA 9440)		5 3	1	33-7, 33-10	11704
819—Touring silencer support strap			1 9	1	33-5, 33-B6, 33-12	20487
819A—Touring silencer support strap lock plate			1 0	1	33-5, 33-B6, 33-12	20630
820—Rear strap for high exhaust pipe			1 9	1	33-B6, 33-12	20698
820A—Strap, for Continental pipe clip			1 0	1	33-7, 33-10	15907
820AA—Pipe rear strap frame clip			9	1	33-B6, 33-12	20158
824A—Clip, for Touring silencer support strap			9	1	33-5, 33-B6, 33-12	20403
824A—Clip, for Continental pipe strap (fits on frame)			9	1	33-7, 33-10	20403
825—Rear clip, for Touring silencer	(as ZB 8823)		1 6	1	33-5, 33-B6, 33-12	20490
826—Rear clip, for Touring silencer	(as ZA 8820)		1 0	1	33-B8, 33-9	11184
826—Rear clip for Touring silencer	(as ZA 8820)		1 0	2	33-6, 33-8	11184
827—Front clip, for Touring silencer	(as ZC 8870)		1 3	1	33-5, 33-B6, 33-B8, 33-9, 33-12	10676



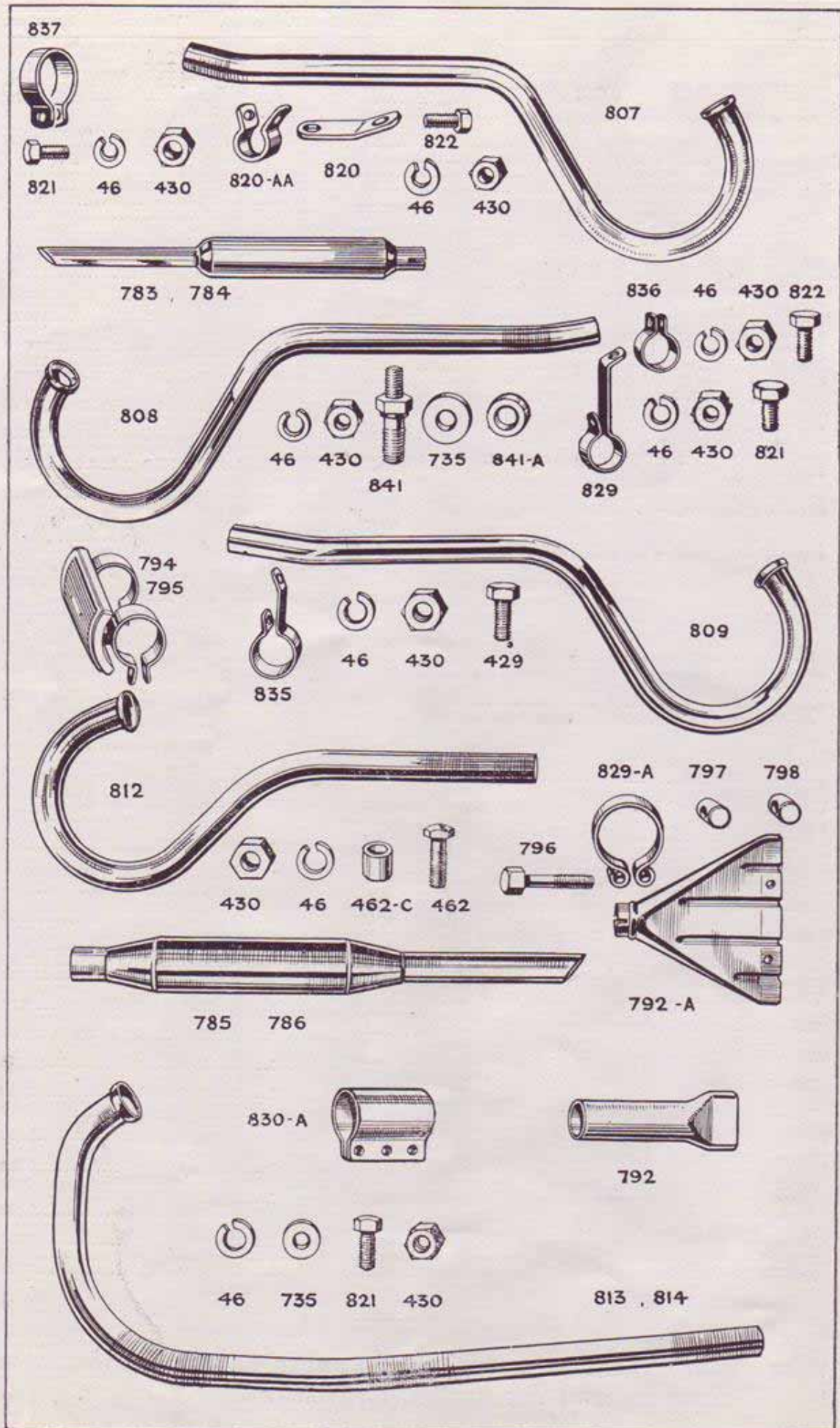




Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
827—	Front clip, for Touring silencer	(as ZC 8870)	1	3...	2...33-6, 33-8	10676
827—	Front clip, for High silencer	(as ZA 9610)	1	9...	1...33-7, 33-10	10676
827—	Front clip, for High silencer		1	9...	2...33-6, 33-8	10676
829—	Rear clip, for High silencer		1	9...	1...33-B6, 33-7, 33-B8, 33-10, 33-12	17506
829—	Rear clip, for High silencer		1	9...	2...33-6, 33-8	17506
829A—	Clip, for fishtail (Home model only)		1	0...	1...33-7, 33-10	TE463
830—	Clip, for Racing exhaust pipe		1	6...	2...33-7, 33-10	10472A
830A—	Clip, for Racing fishtail		1	0...	1...33-7, 33-10	16916
832—	Front clip, for Touring exhaust pipe		1	9...	1...33-5	12311
833—	Left front clip, for Touring exhaust pipe	(as ZC 8860)	1	6...	1...33-6, 33-8	16916
833—	Left front clip, for High exhaust pipe	(as ZC 8860)	1	6...	1...33-6, 33-8	16916
833—	Left rear clip, for High exhaust pipe	(as ZC 8860)	1	6...	1...33-6, 33-8	16916
833—	Front right strap, for High exhaust pipe	(as ZC 8850)	1	6...	1...33-6, 33-8	16916
834—	Rear right clip, for High exhaust pipe	(as ZC 8860)	1	6...	1...33-6, 33-8	17021
834—	Front right clip, for Touring exhaust pipe		1	6...	1...33-6, 33-8	17021
834—	Front clip, for Touring exhaust pipe	(as ZC 8860)	1	6...	1...33-9	17021
835—	Rear clip for High exhaust pipe		1	9...	1...33-7, 33-10, 33-B8	17505
836—	Rear clip, for High exhaust pipe		1	9...	1...33-B6, 33-12	17098
836—	Clip, for Continental pipe		1	9...	1...33-7, 33-10	17098
837—	Front clip, for High silencer		1	6...	1...33-B6, 33-B8, 33-12	15421
46—	Washer, spring, for silencer support strap bolt	(as ZA 6040)	1...	1...	33-5, 33-B6, 33-12	2886
46—	Washer, spring, for silencer support clip bolt	(as ZA 6040)	1...	1...	33-5, 33-B6, 33-12	2886
46—	Washer, spring, for exhaust pipe front clip bolt	(as ZA 6040)	1...	1...	33-5, 33-9	2886
46—	Washer, spring, for exhaust pipe front clip bolt	(as ZA 6040)	1...	2...	33-6, 33-8	2886
46—	Washer, spring, for silencer front clip bolt	(as ZA 6040)	1...	1...	33-5, 33-B6, 33-B8, 33-9, 33-12	2886
46—	Washer, spring, for silencer front clip bolt	(as ZA 6040)	1...	2...	33-6, 33-8	2886
46—	Washer, spring, for silencer rear clip bolt	(as ZA 6040)	1...	1...	33-5, 33-B6, 33-B8, 33-9, 33-12	2886
46—	Washer, spring, for silencer rear clip bolt	(as ZA 6040)	1...	2...	33-6, 33-8	2886
46—	Washer, spring, for silencer fixing bolt	(as ZA 6040)	1...	1...	33-5, 33-9	2886
46—	Washer, spring, for silencer fixing bolt	(as ZA 6040)	1...	2...	33-6, 33-8	2886
46—	Washer, spring, for High exhaust pipe front strap bolt	(as ZA 6040)	1...	2...	33-6, 33-8	2886
46—	Washer, spring, for High exhaust pipe rear clip bolt	(as ZA 6040)	1...	1...	33-B6, 33-7, 33-B8, 33-10, 33-12	2886
46—	Washer, spring, for High exhaust pipe rear strap bolt	(as ZA 6040)	1...	1...	33-B5, 33-12	2886
45—	Washer, spring, for High silencer front clip bolt	(as ZA 6040)	1...	1...	33-B6, 33-7, 33-B8, 33-10, 33-12	2886
46—	Washer, spring, for High silencer front clip bolt	(as ZA 6040)	1...	2...	33-6, 33-8	2886
46—	Washer, spring, for High silencer rear clip bolt	(as ZA 6040)	1...	1...	33-B6, 33-7, 33-B8, 33-10, 33-12	2886
46—	Washer, spring, for High silencer rear clip bolt	(as ZA 6040)	1...	2...	33-6, 33-8	2886
46—	Washer, spring, for Racing exhaust pipe rear clip bolt	(as ZA 6040)	1...	1...	33-7, 33-10	2886
46—	Washer, spring, for Racing fishtail	(as ZA 6040)	1...	3...	33-7, 33-10	2886
735—	Washer, plain, for silencer rear clip bolt	(as ZA 6830)	1...	2...	33-5, 33-8	2888
735—	Washer, plain, for silencer support strap bolt	(as ZA 6830)	1...	1...	33-5, 33-B6, 33-12	2888
735—	Washer, plain, for silencer support clip bolt	(as ZA 6830)	1...	1...	33-5, 33-B6, 33-12	2888
735—	Washer, plain, for exhaust pipe front clip bolt	(as ZA 6830)	1...	1...	33-5, 33-9	2888
735—	Washer, plain, for exhaust pipe front clip bolt	(as ZA 6830)	1...	2...	33-6, 33-8	2888
735—	Washer, plain, for silencer front clip bolt	(as ZA 6830)	1...	1...	33-5, 33-B6, 33-B8, 33-9, 33-12	2888
735—	Washer, plain, for silencer front clip bolt	(as ZA 6830)	1...	2...	33-6, 33-8	2888
735—	Washer, plain, for silencer rear clip bolt	(as ZA 6830)	1...	1...	33-5, 33-B6, 33-B8, 33-9, 33-12	2888
735—	Washer, plain, for silencer rear clip bolt	(as ZA 6830)	1...	2...	33-6, 33-8	2888
735—	Washer, plain, for silencer fixing bolt	(as ZA 6830)	1...	1...	33-B8, 33-9	2888
735—	Washer, plain, for silencer fixing bolt	(as ZA 6830)	1...	2...	33-6, 33-8	2888

IF IN DOUBT REGARDING MODEL, PART NUMBER OR DESCRIPTION, IT IS  
BETTER TO SEND THE OLD PART TO SERVE AS A PATTERN.







Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on	Drawing Number.
			£ s. d.			
735—Washer, plain, for High pipe front strap bolt	(as ZA 6830)		1...	2...33-6, 33-8	.....	2888
735—Washer, plain, for High pipe rear clip bolt	(as ZA 6830)		1...	1...33-B6, 33-7, 33-B8, 33-10, 33-12	.....	2888
735—Washer, plain, for High pipe rear strap bolt	(as ZA 6830)		1...	1...33-B6, 33-12	.....	2888
735—Washer, plain, for High silencer front clip bolt	(as ZA 6830)		1...	1...33-B6, 33-7, 33-B8, 33-10, 33-12	.....	2888
735—Washer, plain, for High silencer front clip bolt	(as ZA 6830)		1...	2...33-6, 33-8	.....	2888
735—Washer, plain, for High silencer rear clip bolt	(as ZA 6830)		1...	1...33-B6, 33-7, 33-B8, 33-10, 33-12	.....	2888
735—Washer, plain, Racing pipe rear clip bolt	(as ZA 6830)		1...	1...33-7, 33-10	.....	2888
735—Washer, plain, for Racing fishtail clip bolt	(as ZA 6830)		1...	3...33-7, 33-10	.....	2888
429—Bolt, fixing Touring silencer	(as ZB 6000)		3...	1...33-B8, 33-9	.....	10484
429—Bolt, fixing Touring silencer	(as ZB 6000)		3...	2...33-6, 33-8	.....	10484
429—Bolt, for High exhaust pipe rear clip	(as ZB 6000)		3...	1...33-B8	.....	10484
462—Bolt, for High pipe rear clip	(as ZA 8840)		4...	1...33-7, 33-10	.....	15131
821—Bolt, for silencer support strap	(as ZA 8840)		3...	1...33-5, 33-B6, 33-12	.....	2751
821—Bolt, for exhaust pipe front clip	(as ZA 8840)		3...	1...33-5, 33-9	.....	2751
821—Bolt, for exhaust pipe front clip	(as ZA 8840)		3...	2...33-6, 33-8	.....	2751
821—Bolt, for silencer front clip	(as ZA 8840)		3...	1...33-5, 33-B6, 33-B8, 33-9, 33-12	.....	2751
821—Bolt, for silencer front clip	(as ZA 8840)		3...	2...33-6, 33-8	.....	2751
821—Bolt, for silencer rear clip	(as ZA 8840)		3...	1...33-5, 33-B6, 33-B8, 33-9, 33-12	.....	2751
821—Bolt, for silencer rear clip	(as ZA 8840)		3...	2...33-6, 33-8	.....	2751
821—Bolt, for front High exhaust pipe strap	(as ZA 8840)		3...	2...33-6, 33-8	.....	2751
821—Bolt, for High silencer front clip	(as ZA 8840)		3...	1...33-B6, 33-7, 33-B8, 33-10, 33-12	.....	2751
821—Bolt, for High silencer front clip	(as ZA 8840)		3...	2...33-6, 33-8	.....	2751
821—Bolt, for High silencer rear clip	(as ZA 8840)		3...	1...33-B6, 33-7, 33-B8, 33-10, 33-12	.....	2751
821—Bolt, for High silencer rear clip	(as ZA 8840)		3...	2...33-6, 33-8	.....	2751
821—Bolt, for Racing fishtail clip	(as ZA 8840)		3...	3...33-7, 33-10	.....	2751
822—Bolt, for High exhaust pipe rear clip	(as ZA 8840)		3...	1...33-B6, 33-12	.....	2752
822—Bolt, for High exhaust pipe rear strap	(as ZA 8840)		3...	1...33-B6, 33-12	.....	2752
822—Bolt, for silencer support strap clip	(as ZA 8840)		3...	1...33-5, 33-B6, 33-12	.....	2752
823—Bolt, for Racing pipe front clip	(as ZA 8840)		8...	1...33-7, 33-10	.....	17534
836B—Bolt, for Continental pipe clip	(as ZA 8840)		4...	1...33-7, 33-10	.....	LF96
841—Anchor bolt, for High silencer rear clip	(as ZA 8840)		5...	1...33-B6, 33-7, 33-B8, 33-10, 33-12	.....	17503
841—Anchor bolt, for High silencer rear clip	(as ZA 8840)		5...	2...33-6, 33-8	.....	17503
842—Bolt, for racing pipe rear clip	(as ZA 8840)		4...	1...33-7, 33-10	.....	16811
462C—Spacing tube for High pipe rear clip bolt	(as ZA 8840)		3...	1...33-7, 33-10	.....	AF247
635—Spacing tube for Continental pipe clip (fits between ends of clip)	(as ZA 8840)		2...	1...33-7, 33-10	.....	LM75R
836A—Spacing tube, for Continental pipe clip (fits between clip and strap)	(as ZA 8840)		3...	1...33-7, 33-10	.....	17573
841A—Spacing tube, for anchor bolt for High silencer rear clip	(as ZA 8840)		2...	1...33-B6, 33-7, 33-B8, 33-10, 33-12	.....	CFF76
841A—Spacing tube, for anchor bolt for High silencer rear clip	(as ZA 8840)		2...	2...33-6, 33-8	.....	CFF76
843—Spacing tube, for Racing exhaust pipe front clip bolt	(as ZA 8840)		5...	1...33-7, 33-10	.....	17535
843A—Spacing tube, for Racing exhaust pipe rear clip bolt	(as ZA 8840)		6...	1...33-7, 33-10	.....	17535
430—Nut, for silencer support strap bolt	(as ZA 6020)		2...	1...33-5, 33-B6, 33-12	.....	10499
430—Nut, for exhaust pipe front clip bolt	(as ZA 6020)		2...	1...33-5, 33-9	.....	10499
430—Nut, for exhaust pipe front clip bolt	(as ZA 6020)		2...	2...33-6, 33-8	.....	10499
430—Nut, for silencer front clip bolt	(as ZA 6020)		2...	1...33-5, 33-B6, 33-B8, 33-9, 33-12	.....	10499
430—Nut, for silencer front clip bolt	(as ZA 6020)		2...	2...33-6, 33-8	.....	10499
430—Nut, for silencer rear clip bolt	(as ZA 6020)		2...	1...33-5, 33-B6, 33-B8, 33-9, 33-12	.....	10499
430—Nut, for silencer rear clip bolt	(as ZA 6020)		2...	2...33-6, 33-8	.....	10499
430—Nut, for High exhaust pipe front strap bolt	(as ZA 6020)		2...	2...33-6, 33-8	.....	10499
430—Nut, for High exhaust pipe rear clip bolt	(as ZA 6020)		2...	1...33-B6, 33-7, 33-B8, 33-10, 33-12	.....	10499
430—Nut, for High exhaust pipe rear strap bolt	(as ZA 6020)		2...	1...33-B6, 33-12	.....	10499
430—Nut, for High silencer front clip bolt	(as ZA 6020)		2...	1...33-6, 33-7, 33-B8, 33-10, 33-12	.....	10499
430—Nut, for High silencer front clip bolt	(as ZA 6020)		2...	2...33-6, 33-8	.....	10499
430—Nut, for High silencer rear clip bolt	(as ZA 6020)		2...	1...33-B6, 33-7, 33-B8, 33-10, 33-12	.....	10499
430—Nut, for High silencer rear clip bolt	(as ZA 6020)		2...	2...33-6, 33-8	.....	10499
430—Nut, for Racing fishtail clip bolt	(as ZA 6020)		2...	3...33-7, 33-10	.....	10499
844—Nut, for Racing exhaust pipe rear clip bolt	(as ZA 6020)		2...	1...33-7, 33-10	.....	STD4
844—Nut, for Continental pipe clip bolt	(as ZA 6020)		2...	1...33-7, 33-10	.....	STD4

THE PRICES OF SPARES DO NOT INCLUDE THE COST OF CARRIAGE.



# TRANSMISSION SECTION

## COVERING GEAR BOX, CLUTCH, WHEELS, BRAKES, BRAKE FITTINGS AND CHAINS.

### GEAR BOX GROUP

Model 33-5 is normally fitted with a Sturmey-Archer three-speed gear box and the parts listed for 33-5 machines are for that box. A four-speed box can be fitted as an optional extra and, in that case, parts as listed for 33-B6 will be required.

Models 33-B6, 33-6, 33-8, 33-B8 and 33-12 are fitted with Sturmey-Archer four-speed gear boxes having either hand or foot change speed control. Parts patent to hand or foot control boxes only are designated by the terms "hand" or "foot."

Model 33-9 is listed with a three-speed Sturmey-Archer gear box. A four-speed box can be fitted as an optional extra, and this is the more popular fitting. All parts listed for 33-9 without qualification are for the four-speed box. Parts for the three-speed box are designated by the term "three speed."

Models 33-7 and 33-10 are fitted with Sturmey-Archer four-speed boxes. Foot control only is used, but a kickstarter is optional. Parts common to boxes with and without kickstarters are not qualified. Other parts are duly qualified.

### GEAR BOX FIXING GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
£ s. d.						
1138A-Gear box fixing stud .....	(as YB485)	5...	4...	33-6, 33-8, 33-B8, 33-9,	12015	
1138A-Gear box fixing stud .....	(as YB485)	5...	4...	33-9 (3-speed) .....	12015	
1138B-Gear box fixing stud .....		5...	2...	33-5, 33-B6, 33-12 BS231A		
1139A-Gear box fixing stud nut .....	(as RB2780)	2...	4...	33-6, 33-8, 33-B8, 33-9	11475	
1139A-Gear box fixing stud nut .....	(as RB2780)	2...	4...	33-9 (3-speed) .....	11475	
1139B-Gear box fixing stud nut .....		8...	2...	33-5, 33-B6, 33-12 ...TS6A		
1140A-Gear box fixing stud washer .....		1...	2...	33-5 .....	T85	
1158-Gear box adjuster eye bolt sleeve .....	(as YA 540)	1	3...	1...33-5, 33-B6, 33-12 ...11759		
1159-Gear box adjuster eye bolt .....	(as YA 580)	1	0...	1...33-5, 33-B6, 33-12 ...20278		
1160-Gear box adjuster plate .....	(as YB 585)	2	3...	1...33-6, 33-8, 33-B8, 33-9	12016-1	
1160-Gear box adjuster plate .....	(as YB 585)	2	3...	1...33-9 (3-speed) .....	12016-1	
1166-Gear box bottom bolt .....		4...	1...	33-7, 33-10 .....	4182	
1167-Gear box top bolt .....		1	6...	1...33-7, 33-10 .....	17415	
1170-Gear box bottom bolt nut .....		4...	2...	33-7, 33-10 .....	STD1	
1170-Gear box top bolt nut .....		4...	1...	33-7, 33-10 .....	STD1	
1171-Gear box adjuster nut .....		3...	2...	33-7, 33-10 .....	STD3	
1171-Gear box adjuster crosshead nut .....		3...	1...	33-7, 33-10 .....	STD3	
1172-Gear box bottom bolt washer .....		1...	2...	33-7, 33-10 .....	3345	
1172-Gear box top bolt washer .....	(as RA 5600)	1...	1...	33-7, 33-10 .....	3345	
1173-Gear box adjuster .....		1	0...	1...33-7, 33-10 .....	17416	
1174-Gear box adjuster crosshead .....		4...	1...	33-7, 33-10 .....	17417	
1682-Gear box adjuster plate nut .....	(as ZA 5940)	2...	2...	33-6, 33-8, 33-B8, 33-9,	3068	
1682-Gear box adjuster plate nut .....	(as ZA 5940)	2...	2...	33-9 (3-speed) .....	3068	
69-Gear box fixing stud washer .....	(as WA 3200)	1...	4...	33-6, 33-8, 33-B8, 33-9,	2883	
69-Gear box fixing stud washer .....	(as WA 3200)	1...	4...	33-9 (3-speed) .....	2883	



## GEAR CASING GROUP.

Serial Number.	Name.	Price each.	No. to a Set.	Used on.	Drawing Number.
		£ s. d.			
1351A-Casing	.....	1 5 0	1	33-5	BS230
1352A-Casing	.....	1 10 0	1	33-B6, 33-12	D.IV.30C
1354-Casing	.....	1 17 6	1	33-6	E.IV.30H
1355A-Casing	.....	1 16 0	1	33-9 (3-speed)	LS384
1356-Casing	.....	1 17 6	1	33-8, 33-B8, 33-9	E.IV.30B
1358-Casing	.....	1 17 6	1	33-7, 33-10	E.IV.170
1367-Casing cover	.....	16 0	1	33-5	BS202C
1368A-Casing cover (for hand gear control)	.....	16 0	1	33-B6, 33-12	D.IV.31A
1368B-Casing cover (for foot gear control)	.....	16 0	1	33-B6, 33-12	D.IV.141
1369A-Casing cover	.....	15 0	1	33-9 (3-speed)	LS386
1370-Casing cover (for hand gear control)	.....	17 6	1	33-6, 33-8, 33-B8, 33-9	E.IV.31A
1371-Casing cover (for foot gear control)	.....	17 6	1	33-6, 33-8, 33-B8, 33-9, 33-7 (K.S.), 33-10 (K.S.)	E.IV.31M
1372-Casing cover	.....	17 6	1	33-7, 33-10 (no K.S.)	E.IV.31L
1377-Casing cover paper washer	.....	2	1	33-B6, 33-12	D.IV.40
1378-Casing cover paper washer	.....	2	1	33-5	BS58B
1379-Casing cover paper washer	.....	2	1	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS15A
1380-Casing cover paper washer	.....	2	1	33-9 (3-speed)	LS15
1130-Cover stud, 1 15-32"x1"	.....	3	1	33-5	BS217
1130-Cover stud, 1 15-32"x1"	.....	3	2	33-B6, 33-12	BS217
1130-Cover stud, 1 15-32"x1"	.....	3	7	33-9 (3-speed)	BS217
1131-Cover stud, 1 3-32"x1"	.....	3	3	33-B6, 33-12	CS9
1131-Cover stud, 1 3-32"x1"	.....	3	4	33-5	CS9
1131-Cover stud, 1 3-32"x1"	.....	3	7	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	CS9
1136-Cover stud nut	.....	2	5	33-B6, 33-12	CS10B
1136-Cover stud nut	.....	2	7	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	CS10B
1136-Cover stud nut	.....	2	7	33-9 (3-speed)	CS10B
1136A-Cover stud nut	.....	2	5	33-5	CS10
1137-Cover stud spring washer	.....	1	5	33-B6, 33-12	LS331
1137-Cover stud spring washer	.....	1	7	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS331
1137-Cover stud spring washer	.....	1	7	33-9 (3-speed)	LS331
1137A-Cover stud spring washer	.....	1	5	33-5	CS11
1155-Oil filler plug	.....	8	1	33-6, 33-B6, 33-12	CS8G
1155A-Oil filler plug	.....	8	1	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	CS8F
1155B-Oil filler plug	.....	8	1	33-9 (3-speed)	CS8D
1157-Oil level plug	.....	8	1	33-7, 33-10	LS487
1157A-Oil drain plug	.....	8	1	33-9 (3-speed)	CS8A

## GEAR BOX BEARING GROUP.

Serial Number.	Name.	Price each.	No. to a Set.	Used on.	Drawing Number.
		£ s. d.			
929-Main gear wheel bearing, 1" borex52 mm.x15 mm. wide	.....	6 0	1	33-5	BS215
930-Main gear wheel bearing, 1 1/16" borex2 1/16"x1 1/16" wide	.....	6 0	1	33-B6, 33-12	D.IV.26
931-Main gear wheel bearing, 1 1/8" borex2 1/8"x1 1/8" wide	.....	7 6	1	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS400
932-Main gear wheel cone	.....	2 6	2	33-9 (3-speed)	CS17A
933-Main gear wheel cone adjusting shim	.....	1	R	33-9 (3-speed)	CS25
934-Main gear wheel cup	.....	5 0	1	33-9 (3-speed)	CS18
935-Main gear wheel balls, for cone bearing	..... per set	6	1	33-9 (3-speed)	SB4
936-Main gear wheel dust cap	.....	3	1	33-9 (3-speed)	CS19
937-Oil retaining washer, felt	.....	2	1	33-9 (3-speed)	LS152
939-Oil retaining washer, each side of main bearing, steel	.....	1	2	33-B6, 33-12	D.IV.25
940-Oil retaining washer, between main wheel and bearing, steel	.....	1	1	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS409
940A-Oil retaining washer, dished, outside bearing, steel	.....	1	1	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS606
940B-Oil retaining washer, steel	.....	1	1	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS607
951A-Oil retaining washer, steel	.....	2	1	33-5	BS226
951B-L.H. distance washer, steel	.....	1	1	33-5	BS216
952-Oil retaining washer, leather	.....	2	1	33-B6, 33-12	D.IV.60
953-Oil retaining washer, felt	.....	2	1	33-B6, 33-12	D.IV.39
1110A-Mainshaft R.H. bearing	.....	2 0	1	33-5	BS109A
1112A-Mainshaft adjusting shim	.....	1	R	33-5, 33-B6, 33-12	BS100B
1115-Mainshaft R.H. bearing	.....	1 0	1	33-B6, 33-12	BS15A
1116-Mainshaft adjusting screw	.....	3	1	33-5, 33-B6, 33-12	BS100C
1120-Mainshaft R.H. bearing	.....	4 7	1	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	CS24
1120-Mainshaft R.H. bearing	.....	4 7	1	33-9 (3-speed)	CS24
1120-Layshaft L.H. bearing	.....	4 7	1	33-9 (3-speed)	CS24
1120A-Layshaft L.H. bearing	.....	1 0	1	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS300B
1120B-Layshaft L.H. bearing	.....	2 0	1	33-5	BS106A
1120C-Layshaft L.H. bearing	.....	1 0	1	33-B6, 33-12	D.IV.105
1120D-Cup, for ball bearing	.....	3	1	33-9 (3-speed)	LS32
1123-Mainshaft adjusting shim, large hole	.....	1	R	33-9 (3-speed)	CS67
1123A-Mainshaft adjusting shim, small hole	.....	1	1	33-9 (3-speed)	CS67A







## GEAR AND SHAFT GROUP.

Serial Number.	Name.	Price each.	No. to a Set.	Used on.	Drawing Number.
		£ s. d.			
845A—Mainshaft, 6 29/32" long		11	0...	1...33-5	BS203
845—Mainshaft, 7 1/2" long		11	0...	1...33-B6, 33-12	D.IV.32C
847A—Mainshaft, 7.85" long		13	0...	1...33-9 (3-speed)	LS495
848—Mainshaft, 8 1/16" long		13	0...	1...33-6, 33-8, 3-B8, 33-9	E.IV.32
849—Mainshaft, 8 5/16" long		13	0...	1...33-7, 33-10	E.IV.132
851—Layshaft, 4 1/2" long		9	0...	1...33-5	BS105
852—Layshaft, 4 25/32" long		10	0...	1...33-B6, 33-12	D.IV.4
853A—Layshaft, 5 1/2" long		12	6...	1...33-9 (3-speed)	LS4B
854—Layshaft, 6 1/16" long		12	6...	1...33-6, 33-8, 33-B8, 33-9	E.IV.38
855—Layshaft, 5 7/16" long		15	0...	1...33-7, 33-10	E.IV.38F
921—Main gear wheel, 23 teeth		10	0...	1...33-5	BW8A
922—Main gear wheel, 24 teeth		12	6...	1...33-B6, 33-12	D.IV.8
923A—Main gear wheel, 24 teeth		16	0...	1...33-9 (3-speed)	LS134F
924—Main gear wheel, 24 teeth		16	0...	1...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS401
980—Mainshaft sliding pinion, 19 teeth		7	0...	1...33-5	BS9B
981—Mainshaft sliding pinion, 21 teeth		7	6...	1...33-B6, 33-12	D.IV.10
982A—Mainshaft sliding pinion, 20 teeth		8	6...	1...33-9 (3-speed)	LS136C
983—Mainshaft sliding pinion, 22 teeth		10	0...	1...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	E.IV.6
986—Mainshaft fixed pinion, 23 teeth		3	6...	1...33-5	BS108
987—Mainshaft fixed pinion, 14 teeth		4	0...	1...33-9 (3-speed)	LS138
988—Mainshaft fixed pinion, 17 teeth		5	3...	1...33-7, 33-10	E.IV.8D
990—Mainshaft free pinion, 17 teeth		7	6...	1...33-B6, 33-12	D.IV.11
991A—Mainshaft free pinion, 18 teeth		7	6...	1...33-6, 33-8, 33-B8, 33-9	E.IV.90A
992—Mainshaft free pinion, 20 teeth		10	0...	1...33-7, 33-10	E.IV.7C
992A—Mainshaft free pinion bush		9...	1...	33-7, 33-10 (less K.S.)	E.IV.14A
994—Mainshaft fixed pinion, 13 teeth		3	6...	1...33-B6, 33-12	D.IV.64
995—Mainshaft fixed pinion, 13 teeth		4	0...	1...33-6, 33-8, 33-B8, 33-9	E.IV.8B
998—Layshaft sliding pinion, 23 teeth		7	6...	1...33-5	BS13
999—Layshaft sliding pinion, 25 teeth		9	0...	1...33-B6, 33-12	D.IV.17A
1000A—Layshaft sliding pinion, 22 teeth		10	0...	1...33-9 (3-speed)	LS137A
1001—Layshaft sliding pinion, 24 teeth		11	6...	1...33-6, 33-8, 33-B8, 33-9	E.IV.91
1002—Layshaft sliding pinion, 22 teeth		15	6...	1...33-7, 33-10	E.IV.11D
1006—Layshaft fixed pinion, 18 teeth		4	6...	1...33-5	BS107
1007—Layshaft fixed pinion, 18 teeth		4	6...	1...33-B6, 33-12	D.IV.15
1008A—Layshaft fixed pinion, 18 teeth		5	0...	1...33-9 (3-speed)	LS135C
1009—Layshaft fixed pinion, 18 teeth		5	0...	1...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS405
1014—Layshaft free pinion, 21 teeth		6	0...	1...33-B6, 33-12	D.IV.16
1015—Layshaft free pinion, 20 teeth		7	6...	1...33-6, 33-8, 33-B8, 33-9	E.IV.10
1016—Layshaft free pinion, 19 teeth		10	0...	1...33-7, 33-10	E.IV.10D
1020A—Low gear and kickstarter pinion, 28 teeth		8	6...	1...33-5	BS14
1021—Low gear and kickstarter pinion, 29 teeth		10	0...	1...33-B6, 33-12	D.IV.18A
1022—Low gear and kickstarter pinion, 28 teeth		10	0...	1...33-9 (3 speed)	LS139
1023—Low gear and kickstarter pinion, 29 teeth		10	0...	1...33-6, 33-8, 33-B8, 33-9	LS407C
1025—Low gear and kickstarter pinion, 27 teeth		10	0...	1...33-7, 33-10 (with K.S.)	LS407D
1026—Low gear pinion, 25 teeth		13	4...	1...33-7, 33-10 (less K.S.)	E.IV.34C
1026A—Low gear pinion bush		9...	1...	33-7, 33-10 (less K.S.)	E.IV.35A
1124—Mainshaft thrust washer		8...	1...	33-5	TS62
1125—Mainshaft thrust washer		8...	1...	33-B6, 33-12	D.IV.6
1126—Mainshaft thrust washer		1	6...	1...33-9 (3-speed)	CS20A
1127—Mainshaft thrust washer		1	6...	1...33-6, 33-8, 33-B8, 33-9	E.IV.27
1128—Mainshaft thrust washer		1	6...	1...33-7, 33-10	E.IV.27A
1129—Mainshaft thrust washer locating pin		1	1...	1...33-9 (3-speed)	CS192
1129A—Mainshaft thrust washer locating pin		1...	1...	33-5	CS192A

## SERVICE

The Service and Repair Department is situated in Burrage Grove, Plumstead, London, S.E.18, and is open on Mondays to Fridays from 9 a.m. to 6 p.m., and on Saturdays from 9 a.m. to 1 p.m.







## GEAR OPERATING GROUP.

Serial. Number.	Name.	Price each.	No. to a Set.	Used on.	Drawing Number.
		£	s.	d.	
1028—Forked change speed lever	.....	4	6...	1...33-5	BS204
1029A—Gear control spindle arm	.....	1	3...	1...33-5	BS206B
1032—Gear control spindle	.....	2	0...	1...33-5, 33-B6, 33-12	BS205
1036—Gear control spindle bolt	.....	9...	1...	33-5, 33-B6, 33-12	BS208
1036A—Gear control lock washer	.....	1...	1...	33-5, 33-B6, 33-12	BS219
1038—Gear control bolt lock washer	.....	1...	1...	33-5, 33-B6, 33-12	CS151
1039—Ball, for gear control joint	.....	2...	1...	33-5	BS211
1039A—Ball, for gear control joint	.....	2...	1...	33-B, 33-12	D.IV.67
1044—Forked change speed lever	.....	4...	1...	33-5	BS210
1045—Forked change speed lever	.....	6...	1...	33-5	BS209
1051—Cam plate quadrant bush	.....	1	0...	1...33-B6, 33-12	D.IV.27
1052—Cam plate quadrant pin	.....	1	6...	1...33-B6, 33-12	D.IV.29
1059A—Sliding gear fork	.....	8	0...	1...33-9 (3-speed)	LS162
1061A—Rocking shaft	.....	1	3...	1...33-9 (3-speed)	LS165
1062A—Rocking shaft lever bush	.....	2	0...	1...33-9 (3-speed)	LS163
1063A—Rocking shaft end bush	.....	1	6...	1...33-9 (3-speed)	LS164
1069—Cam plate quadrant	.....	6	0...	1...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	E.IV.21
1069A—Cam plate quadrant	.....	6	0...	1...33-B6, 33-12	D.IV.66
1070—Cam plate quadrant lever	.....	2	6...	1...33-7, 33-10	E.IV.22D
1070A—Cam plate quadrant lever	.....	2	6...	1...33-6, 33-8, 33-B8, 33-9	E.IV.22H
1070B—Rocking shaft lever	.....	3	6...	1...33-9 (3-speed)	LS255
1070C—Short gear lever	.....	2	6...	1...33-5	BS207A
1070D—Short gear lever	.....	2	6...	1...33-B6 (foot), 33-12 (foot)	D.IV.743Z
1070E—Short gear lever	.....	2	6...	1...33-B6 (hand), 33-12 (hand)	BS207
1071A—Cam plate spindle bolt	.....	1...	1...	33-B6, 33-12	MJ70
1071A—Cam plate quadrant bolt	.....	1...	1...	33-B6, 33-12	MJ70
1071B—Cam plate spindle bolt	.....	1...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	E.IV.121
1071B—Cam plate quadrant bolt	.....	1...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	E.IV.121
1072—Cam plate spindle plain washer	.....	3...	1...	All models except 33-5 and 33-9 (3-speed)	A.IV.22
1072—Cam plate quadrant plain washer	.....	3...	1...	All models except 33-5 and 33-9 (3-speed)	A.IV.22
1073—Cam plate spindle spring washer	.....	1...	1...	All models except 33-5 and 33-9 (3-speed)	A.IV.25
1073—Cam plate quadrant spring washer	.....	1...	1...	All models except 33-5 and 33-9 (3-speed)	A.IV.25
1078—Cam plate and spindle	.....	8	0...	1...33-B6, 33-12	D.IV.19B
1079—Cam plate and spindle	.....	10	6...	1...33-6 (hand), 33-8 (hand), 33-B8 (hand), 33-9 (hand)	E.IV.20B
1079—Cam plate and spindle	.....	10	6...	1...33-7 (foot), 33-10 (foot)	E.IV.20B
1079B—Cam plate and spindle	.....	10	6...	1...33-6 (foot), 33-8 (foot), 33-B8 (foot), 33-9 (foot)	E.IV.120
1084—Sliding gear plate	.....	2	0...	1...33-5	BS34
1088—Striker fork	.....	3	0...	2...33-B6, 33-12	D.IV.20B
1089—Striker fork	.....	3	0...	2...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	E.IV.18B
1089B—Sliding gear plate	.....	2	6...	1...33-9 (3-speed)	CS75
1090—Striker fork shaft	.....	1	6...	1...33-B6, 33-12	D.IV.21A
1091—Striker fork shaft	.....	1	6...	1...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	E.IV.19C
1092—Rocking shaft nut	.....	2...	1...	33-9 (3-speed)	CC18
1092—Gear control bolt nut	.....	2...	1...	33-5, 33-B6, 33-12	CC18
1092A—Rocking shaft washer	.....	2...	1...	33-9 (3-speed)	CS99B
1099A—Index plate	.....	2...	1...	33-9 (3-speed)	LS170
1103—Index plunger	.....	3...	1...	33-6, 33-B6, 33-7, 33-8, 33-B8, 33-9, 33-10, 33-12	E878
1103A—Index plunger	.....	8...	1...	33-9 (3-speed)	LS168
1103B—Index plunger	.....	3...	1...	33-5	BS212
1104—Index plunger spring	.....	2...	1...	All models except 33-9 (3-speed)	E880
1104A—Index plunger spring	.....	2...	1...	33-9 (3-speed)	F880AA
1105—Index plunger bush	.....	1	0...	All models except 33-9 (3-speed)	E879
1105A—Index plunger bush	.....	3...	1...	33-9 (3-speed)	LS169
1162—Sliding gear fork index plate	.....	2	0...	1...33-9 (3-speed)	LS166
1163—Sliding gear fork index plate rivet	.....	1...	2...	33-9 (3-speed)	LS167
1164—Gear control spindle arm	.....	1	3...	1...33-B6, 33-12	D.IV.65
1165—Gear control spindle arm shim washer	.....	1...	1...	33-5, 33-B6, 33-12	BS67AA

CUSTOMERS HAVING NO ACCOUNT WITH US SHOULD NOT FAIL TO REMIT  
AT THE TIME OF ORDER, AND ALSO TO INCLUDE POSTAGE.



## FINAL DRIVE GROUP.

Serial Number.	Name.	Price each.	No. to a Set.	Used on.	Drawing Number.
		£ s. d.			
946—Sprocket distance washer	.....	3...	1...	33-B5, 33-12	D.IV.14
947A—Sprocket distance washer	.....	1...	1...	33-5	B8218
948—Sprocket distance washer	.....	6...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS442
961—Sprocket, 20 teeth $\frac{1}{2}$ " x .305"	.....	7	6...	1... 33-B, 33-12	D.IV.112
963—Sprocket, 20 teeth $\frac{1}{2}$ " x .305"	.....	7	6...	1... 33-6	LS441K
965A—Sprocket, 20 teeth $\frac{1}{2}$ " x .305"	.....	7	6...	1... 33-5	TS44B
967—Sprocket, 18 teeth $\frac{1}{2}$ " x .305"	.....	7	6...	1... 33-8, 33-B8, 33-9	LS441Y
968—Sprocket, 18 teeth $\frac{1}{2}$ " x .38"	.....	7	6...	1... 33-9 (3-speed)	LS494
969—Sprocket, 16 teeth $\frac{1}{2}$ " x .38"	.....	7	6...	1... 33-7, 33-10	E.IV.173
970—Sprocket lock nut	.....	8...	1...	33-5	TS31
971—Sprocket lock nut	.....	8...	1...	33-B6, 33-12	D.IV.13
972A—Sprocket lock nut	.....	8...	1...	33-9 (3-speed)	LS496
973—Sprocket lock nut	.....	8...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	E.IV.93
976—Sprocket lock nut plate	.....	4...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	SB25
975A—Sprocket lock nut plate	.....	4...	1...	33-5, 33-B6, 33-12, 33-9 (3-speed)	CS63
977—Sprocket lock nut plate screw	.....	1...	1...	All models	S35

## KICKSTARTER MECHANISM GROUP.

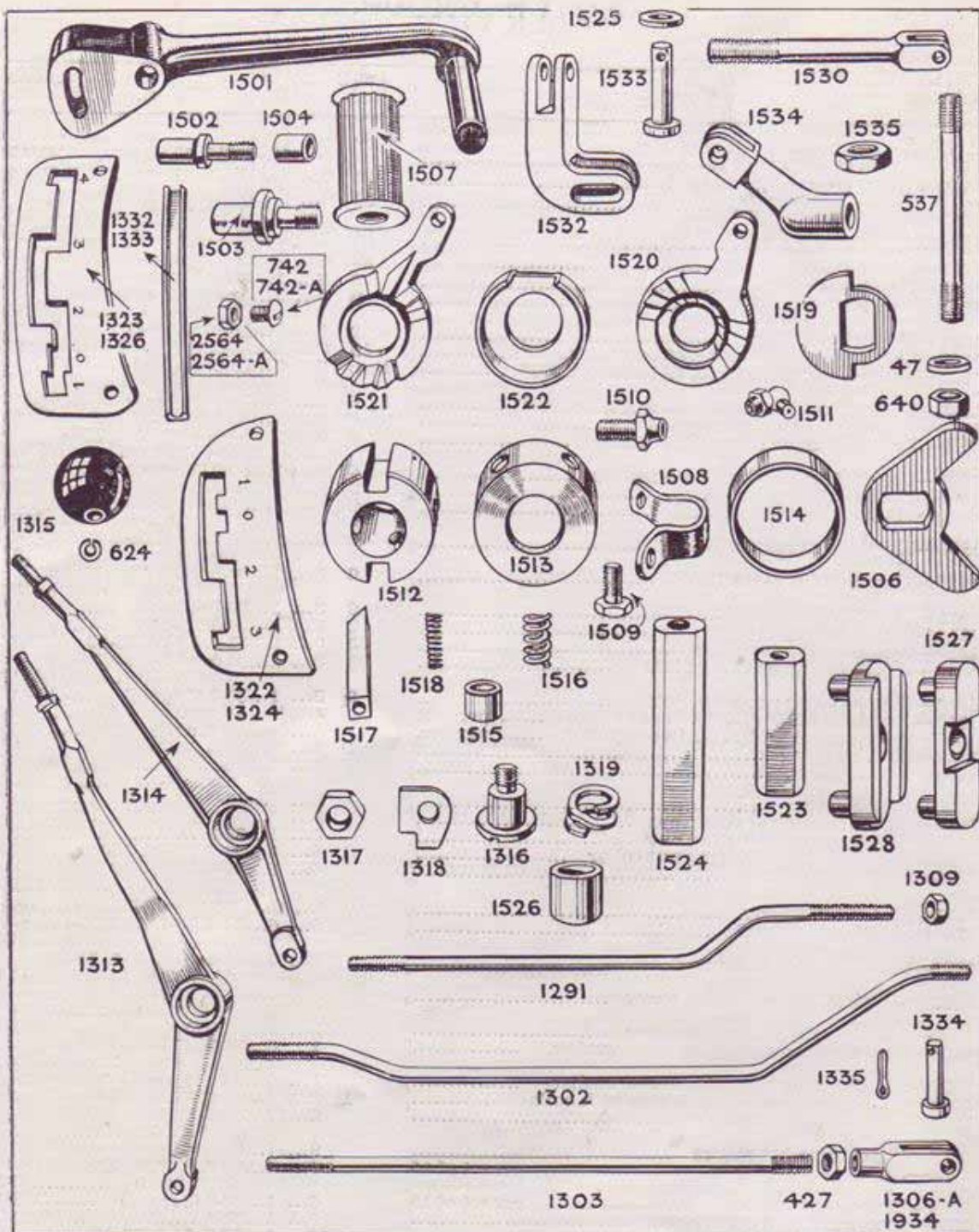
Serial Number.	Name.	Price each.	No. to a Set.	Used on.	Drawing Number.
		£ s. d.			
862—Crank	.....	11	0...	1... 33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	LS436A
863—Crank	.....	11	0...	1... 33-9 (3 speed)	CS37K
864—Crank	.....	11	0...	1... 33-7, 33-10	LS436B
867—Crank cotter pin	.....	2...	1...	33-9 (3 speed)	S172
867A—Crank cotter pin washer	.....	1...	1...	33-9 (3 speed)	S15
867B—Crank cotter pin nut	.....	1...	1...	33-9 (3 speed)	P70
868—Crank bolt	.....	3...	1...	All models except 33-9 (3 speed)	LS110
869—Crank bolt spring washer	.....	1...	1...	All models except 33-9 (3 speed)	CS74
871—Axle with bush, $5\frac{5}{16}$ " long	.....	11	6...	1... 33-5	D.IV.34A
873—Axle with bush, $5\frac{11}{16}$ " long	.....	12	6...	1... 33-6, 33-8, 33-B8, 33-9	LS437C
874—Axle with bush, $5\frac{7}{16}$ " long	.....	12	6...	1... 33-9 (3 speed)	LS394
875—Axle with bush, $4\frac{9}{16}$ " long	.....	11	6...	1... 33-B6, 33-12	D.IV.34
876—Axle with bush, $5\frac{3}{16}$ " long	.....	12	6...	1... 33-7, 33-10 (with K.S.)	LS437
878—Pawl	.....	1	3...	1... 33-5, 33-B6, 33-12	LS438
879—Pawl	.....	1	3...	1... 33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS438A
880—Pawl	.....	1	3...	1... 33-9 (3 speed)	LS13B
882—Pawl pin	.....	3...	1...	33-5, 33-B6, 33-12	LS439A
883—Pawl pin	.....	3...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS439
883A—Pawl pin	.....	3...	1...	33-9 (3 speed)	LS14
884—Pawl spring plunger	.....	3...	1...	All models	B824
885—Pawl spring	.....	1...	1...	All models	B823
886—Cam	.....	3...	1...	33-B6, 33-12	B825
887—Cam	.....	3...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS20B
887—Cam	.....	3...	1...	33-9 (3 speed)	LS20B
888—Cam	.....	3...	1...	33-5	LS25
890—Cam rivet	.....	1...	1...	33-5, 33-B6, 33-12	LS85
890—Stop piece rivet	.....	1...	1...	33-5, 33-B6, 33-12	LS85
892—Cam rivet	.....	1...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS85A
892—Stop piece rivet	.....	1...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS85A
893—Cam rivet	.....	1...	1...	33-9 (3 speed)	LS393
893—Stop piece rivet	.....	1...	1...	33-9 (3 speed)	LS393
896—Stop piece	.....	4...	1...	33-5, 33-B6, 33-12	B828
897—Stop piece	.....	4...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS160
897—Stop piece	.....	4...	1...	33-9 (3 speed)	LS160
902—Crank return spring	.....	1	0...	1... All models except 33-9 (3 speed)	B8100A
904—Crank return spring	.....	1	0...	1... 33-9 (3 speed)	B826D
911—Return spring cover, $2\frac{3}{16}$ " overall, $1\frac{1}{8}$ " hole	.....	1	0...	1... 33-6, 33-8, 33-B8, 33-9	LS395F
912—Return spring cover, 2" overall, $25/32$ " hole	.....	1	0...	1... 33-9 (3 speed)	LS395
913—Return spring cover, $2\frac{3}{16}$ " overall, $31/32$ " hole	.....	1	0...	1... 33-5, 33-B6, 33-12	LS395G
914—Return spring cover, $1\frac{11}{16}$ " overall, $1\frac{1}{8}$ " hole	.....	1	0...	1... 33-7, 33-10	LS395H
915—Axle distance tube, $1\frac{1}{3}$ " long	.....	3...	1...	33-5	B863G
1161—Bush, for axle, fits in casing cover	.....	2	0...	1... 33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS262
1161—Bush, for axle, fits in casing cover	.....	2	0...	1... 33-9 (3 speed)	LS262
1162—Bush, for axle, fits in casing cover	.....	1	6...	1... 33-5, 33-B6, 33-12	B820



## CLUTCH GROUP.

Serial Number.	Name.	Price each.	No. to a Set.	Used on.	Drawing Number.
		£ s. d.			
1179A-Clutch centre key	.....	3...	1...	33-B6, 33-12	.....CS15
1180-Clutch centre	.....	12 0...	1...	33-B6, 33-12	.....D.IV.24
1183-Clutch centre	.....	15 0...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....LS211
1183-Clutch centre	.....	15 0...	1...	33-9 (3 speed)	.....LS211
1186-Clutch centre	.....	12 0...	1...	33-5	.....BS229
1190-Clutch back plate	.....	2 3...	1...	33-5, 33-B6, 33-12	.....BS68
1191-Clutch back plate	.....	2 3...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....LS213
1191-Clutch back plate	.....	2 3...	1...	33-9 (3 speed)	.....LS213
1194-Clutch sprocket, corked, 42 teeth, $\frac{1}{2}$ "x.305"	.....	16 0...	1...	33-5, 33-B6, 33-12	.....BS66A
1195-Clutch sprocket, corked, 42 teeth, $\frac{1}{2}$ "x.305"	.....	1 5 0...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....NS36A
1195-Clutch sprocket, corked, 42 teeth, $\frac{1}{2}$ "x.305"	.....	1 5 0...	1...	33-9 (3 speed)	.....NS36A
1201-Clutch friction plate, corked	.....	4 0...	1...	33-5, 33-B6, 33-12	.....BS67
1203-Clutch friction plate, with inserts	.....	4 0...	2...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....LS350
1203-Clutch friction plate, with inserts	.....	4 0...	2...	33-9 (3 speed)	.....LS350
1205-Clutch centre plate	.....	2 3...	1...	33-5, 33-B6, 33-12	.....CS166
1206-Clutch front plate, dished	.....	2 3...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....LS181
1206-Clutch centre plate, dished	.....	2 3...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....LS181
1207-Clutch centre plate, flat	.....	2 3...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....LS180
1210-Clutch front plate	.....	2 3...	1...	33-B6, 33-12	.....CS167A
1210A-Clutch front plate	.....	2 3...	1...	33-5	.....CS167B
1214-Clutch spring cup plate	.....	3 0...	1...	33-5, 33-B6, 33-12	.....TS77
1215-Clutch spring pressure plate	.....	2 3...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....LS218
1215-Clutch spring pressure plate	.....	2 3...	1...	33-9 (3 speed)	.....LS218
1217-Clutch corks, $\frac{1}{2}$ " dia. (23 in one plate)	..... per doz.	4...	R...	All models	.....TS57
1218-Clutch corks, $\frac{1}{2}$ " dia. (23 in one plate)	..... per doz.	4...	R...	All models	.....TS56
1219-Clutch spring	.....	1 8...	1...	33-5, 33-B6, 33-12	.....TS52B
1220-Clutch spring	.....	2...	6...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....CS60
1220-Clutch spring	.....	2...	6...	33-9 (3 speed)	.....CS60
1222-Clutch spring adjusting nut	.....	8...	1...	33-B6, 33-12	.....D.IV.57
1222A-Clutch spring adjusting nut	.....	8...	1...	33-5	.....BS57
1223-Clutch spring adjusting nut collar	.....	6...	1...	33-5, 33-B6, 33-12	.....TS55
1225-Clutch spring box	.....	4...	6...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....CS59
1225-Clutch spring box	.....	4...	6...	33-9 (3 speed)	.....CS59
1226-Clutch spring stud	.....	6...	6...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....LS176
1227-Clutch spring stud nut	.....	2...	6...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....LS178
1228-Clutch spring adjusting screw	.....	2...	6...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....CS61B
1228-Clutch spring adjusting screw	.....	2...	6...	33-9 (3 speed)	.....CS61B
1229-Clutch spring adjusting screw washer	.....	1 6...	6...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....CS140
1229-Clutch spring adjusting screw washer	.....	1...	6...	33-9 (3 speed)	.....CS140
1232-Clutch sprocket ball retainer, with balls	.....	1 2...	1...	33-5, 33-B6, 33-12	.....TS34A
1233-Clutch sprocket rollers	.....	2...17...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....LS50B	
1233-Clutch sprocket rollers	.....	2...17...	33-9 (3 speed)	.....LS50B	
1234-Clutch sprocket balls	..... per set of 16	6...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....SB4
1234-Clutch sprocket balls	..... per set of 16	6...	1...	33-9 (3 speed)	.....SB4
1237-Clutch rod, $\frac{1}{2}$ " dia., 7 $\frac{1}{2}$ " long	.....	10...	1...	33-6	.....LS189C
1237A-Clutch rod, $\frac{1}{2}$ " dia., 7 $\frac{1}{2}$ " long	.....	10...	1...	33-7, 33-8, 33-B8, 33-9, 33-10	.....LS189
1237B-Clutch rod, $\frac{1}{2}$ " dia., 7 $\frac{1}{2}$ " long	.....	10...	1...	33-9 (3 speed)	.....LS189B
1237C-Clutch rod, $\frac{3}{16}$ " dia., 7" long	.....	9...	1...	33-5	.....BS151B
1237D-Clutch rod, $\frac{3}{16}$ " dia., 7 $\frac{1}{2}$ " long	.....	9...	1...	33-B6, 33-12	.....D.IV.63
1243-Clutch rod, $\frac{1}{2}$ " dia., 1 $\frac{1}{2}$ " long	.....	3...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....LS398
1243-Clutch rod, $\frac{1}{2}$ " dia., 1 $\frac{1}{2}$ " long	.....	3...	1...	33-9 (3 speed)	.....LS398
1244-Clutch thrust pin, 1 $\frac{1}{2}$ " long	.....	9...	1...	33-6, 33-B6, 33-7, 33-8, 33-B8, 33-9, 33-10, 33-12	.....LS94B
1244-Clutch thrust pin, 1 $\frac{1}{2}$ " long	.....	9...	1...	33-9 (3 speed)	.....LS94B
1246-Clutch thrust pin, 1 $\frac{1}{2}$ " long	.....	9...	1...	33-5	.....LS94A
1249-Clutch spring cup plate end cap	.....	1 6...	1...	33-5, 33-B6, 33-12	.....CS173A
1273-Clutch centre retaining nut	.....	5...	1...	33-5, 33-B6, 33-12	.....TS88
1274-Clutch centre retaining nut washer	.....	1...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....LS16
1274-Clutch centre retaining nut washer	.....	1...	1...	33-9 (3 speed)	.....LS16
1275-Clutch centre retaining nut	.....	5...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....CS13
1275-Clutch centre retaining nut	.....	5...	1...	33-9 (3 speed)	.....CS13
1279-Clutch centre retaining nut washer	.....	1...	1...	33-5, 33-B6, 33-12	.....CS118
1279-Layshaft distance washer	.....	1...	1...	33-5	.....CS118
1280-Friction plug (18 in one plate)	.....	2...	R...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	.....LS351





Parts sent to us for repair, replacement, or as pattern must bear distinctly sender's full name and address. Instructions regarding same must be sent under separate cover, otherwise goods may lie at our works and not be unpacked until instructions regarding same are received.

All goods must be consigned to us carriage paid.

Do not enclose cash (whether in the form of coin or paper) with goods. Remittance should be sent by letter post for your own protection.



## CLUTCH OPERATING GROUP.

Serial Number.	Name.	Price each.	No. to a Set.	Used on.	Drawing Number.
		£ s. d.			
1252—Clutch nut (supports clutch lever bracket)		3 6...	1...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS267	
1252—Clutch nut (supports clutch lever bracket)		3 6...	1...33-9 (3 speed)	LS267	
1253—Clutch lever bracket		3 6...	1...33-6, 33-8, 33-B8, 33-9	LS387A	
1253—Clutch lever bracket		3 6...	1...33-9 (3 speed)	LS387A	
1255A—Clutch lever bracket retaining nut		1...	1...33-6, 33-7, 33-8, 33-9, 33-10	LS268	
1255A—Clutch lever bracket retaining nut		1...	1...33-9 (3 speed)	LS268	
1256—Clutch lever		4 0...	1...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS388	
1256—Clutch lever		4 0...	1...33-9 (3 speed)	LS388	
1256A—Clutch lever		4 0...	1...33-B6, 33-12	LS388C	
1257—Clutch lever fulcrum screw		2...	1...33-B6, 33-12	D.IV.33A	
1259—Clutch lever fulcrum pin		3...	1...33-5, 33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS392	
1259—Clutch lever fulcrum pin		3...	1...33-9 (3 speed)	LS392	
1260—Clutch lever fulcrum pin split pin		1/2	1...33-5, 33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	CS108	
1260—Clutch lever fulcrum pin split pin		1/2	1...33-9 (3 speed)	CS108	
1263—Clutch lever adjusting screw		3...	1...33-5, 33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LS396A	
1263—Clutch lever adjusting screw		3...	1...33-9 (3 speed)	LS396A	
1263A—Clutch lever adjusting screw		3...	1...33-B6, 33-12	D.IV.69	
1264—Clutch lever adjusting screw lock nut		1...	1...33-5, 33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	CS105A	
1264—Clutch lever adjusting screw lock nut		1...	1...33-9 (3 speed)	CS106A	
1264A—Clutch lever adjusting screw lock nut		1...	1...33-B6, 33-12	CS137	
1269—Clutch lever bracket		3 6...	1...33-7, 33-10	LS387	
1269A—Clutch cable stop bracket		1 0...	1...33-6, 33-8, 33-B8, 33-9	LS391	
1269A—Clutch cable stop bracket		1 0...	1...33-9 (3 speed)	LS391	
1269B—Clutch cable stop bracket fixing pins		2...	2...33-6, 33-8, 33-B8, 33-9	BS146A	
1269B—Clutch cable stop bracket fixing pins		2...	2...33-9 (3 speed)	BS146A	

## GEAR CONTROL GROUP.

(Hand.)

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
1291—Gear rod			1 0...	1...33-5, 33-B6, 33-12	20608	
1702—Gear rod			1 0...	1...33-9 (3-speed)	4244	
1303—Gear rod		(as YC 4243A)	1 0...	1...33-6, 33-8, 33-B8, 33-9	12248	
1306A—Gear rod yoke end		(as YA 4280)	1 0...	2...33-6, 33-8, 33-B8, 33-9	3734	
1309—Gear rod lock nut		(as YB 2163)	3...	1...33-5, 33-B6, 33-12	3070	
1313—Gear lever		(as YC 4092A)	8 0...	1...33-6, 33-8, 33-B8, 33-9	12249	
1314—Gear lever		(as YB 4082)	8 0...	1...33-5, 33-B6, 33-12	20328	
1315—Gear lever knob		(as YB 4110)	10...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	11036	
1316—Gear lever centre pin		(as YA 4160)	7...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	11034	
1317—Gear lever centre pin nut			2...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	10266	
1318—Gear lever centre pin washer			2...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	4102	
1319—Gear lever centre pin spring washer		(as YB 4180)	1...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	11040	
1322—Gate, for tank		(as YB 4021)	3 6...	1...33-5	20329	
1323—Gate, for tank			4 6...	1...33-B6, 33-12	20525	
1324—Gate, for tank		(as YC 4003)	4 0...	1...33-9 (3-speed)	16714	
1326—Gate, for tank		(as YC 4008A)	4 6...	1...33-6, 33-8, 33-B8, 33-9	12252	
1332—Rubber seat, for gate			3...	1...33-5, 33-B6, 33-12	20664	
1333—Rubber seat, for gate			3...	1...33-6, 33-8, 33-B8, 33-9	12329	
1334—Gear rod yoke end pin		(as YA 4320)	3...	2...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	2512	
1335—Gear rod yoke end split pin			1...	2...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	STD14	
1934—Gear rod yoke end		(as YA 4300)	10...	2...33-5, 33-B6, 33-12	2738	
427—Gear rod lock nut		(as YA 4360)	2...	1...33-6, 33-8, 33-B8, 33-9	10485	
624—Gear lever knob spring washer		(as MA 500)	1...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	2885	
742—Pin, fixing gate		(as MA 840)	1...	2...33-6, 33-8, 33-B8, 33-9	3086	
742A—Pin, fixing gate			1...	2...33-5, 33-B6, 33-12	STD106	
2564—Nut, for gate fixing pin			3...	2...33-6, 33-8, 33-B8, 33-9	3071	
2564A—Nut, for gate fixing pin			2...	2...33-5, 33-B6, 33-12	STD24	



## GEAR CONTROL GROUP.

(Foot.)

Serial Number.	Name.	Price each.	No. to a Set.	Used on.	Drawing Number.
		£ s. d.			
1501—Foot lever .....		13	6...	1...33-6, 33-B6, 33-7, 33-8, 33-B8, 33-10, 33-12	17391
1502—Foot lever pin .....			8...	1...33-6, 33-7, 33-8, 33-B8, 33-10	D5GL513
1503—Foot lever pin .....			10...	1...33-B6, 33-12	20693
1171—Foot lever pin nut .....			3...	1...33-6, 33-B6, 33-7, 33-8, 33-B8, 33-10, 33-12	STD3
1504—Foot lever bush .....			5...	1...Ditto	D5GL502
1505—Foot lever pin washer .....			1...	1...Ditto	STD10
1505—Foot lever bush washer .....			1...	1...Ditto	STD10
1506—Foot lever stop .....			8...	1...Ditto	17423
1507—Foot lever rubber .....		1	6...	1...Ditto	17425
1508—Foot lever saddle .....			3...	1...Ditto	D5GL514
1509—Foot lever saddle bolt .....			2...	1...Ditto	LF39
1510—Foot lever saddle greaser bolt .....			8...	1...Ditto	DGL113
1511—Foot lever saddle grease nipple .....			6...	1...Ditto	P65
1512—Control body .....		4	6...	1...Ditto	17427
1513—Control body cap .....			6...	1...Ditto	DGL110
1514—Control body sleeve .....			8...	1...Ditto	17428
1515—Control body locating plunger .....			1	0...4...Ditto	DGL105
1516—Control body locating plunger spring .....			3...	4...Ditto	DGL101
1517—Control body operating plunger .....		1	0...	2...Ditto	17421
1518—Control body operating plunger spring .....			3...	2...Ditto	17424
1519—Control body cam plate .....			9...	1...Ditto	DGL109
1520—Control body operating lever .....		4	6...	1...33-6, 33-7, 33-8, 33-B8, 33-10	17420
1521—Control body operating lever .....		4	6...	1...33-B6, 33-12	20694
1522—Control body operating lever cap .....			6...	1...33-6, 33-B6, 33-7, 33-8, 33-B8, 33-10, 33-12	DGL106
1523—Control body hub .....		1	6...	1...33-6, 33-B6, 33-8, 33-B8, 33-12	17495
1524—Control body hub .....		1	6...	1...33-7, 33-10	17422
1525—Control body hub bolt .....			4...	1...33-6, 33-B6, 33-8, 33-B8, 33-12	CE4
1526—Control body hub sleeve .....			6...	1...33-7, 33-10	17426
1527—Control body hub anchor block .....			10...	1...33-6, 33-8, 33-B8	17493
1528—Control body hub anchor block .....			10...	1...33-B6, 33-12	20696
1529—Gear rod .....			4...	1...33-B6, 33-12	D.IV.146
1530—Gear rod .....			1	3...1...33-7, 33-10	17434
1264A—Gear rod lock nut .....			1...	1...33-B6, 33-12	C8137
1531—Gear rod lock nut .....			4...	1...33-7, 33-10	2780
1532—Gear operating link .....		2	0...	1...33-6, 33-8, 33-B8	17491
1533—Gear operating link pin .....			4...	1...33-6, 33-8, 33-B8	17492
1534—Gear rod yoke end .....		2	0...	1...33-7, 33-10	17398
1334—Gear rod yoke end pin .....			3...	2...33-7, 33-10	2512
1535—Gear rod yoke end pin washer .....			1...	2...33-7, 33-10	STD12
1335—Gear rod yoke end pin split pin .....			1...	2...33-7, 33-10	STD14

## CHAIN GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
631—Chain, timing, 86 links, $\frac{1}{2}$ "x.23", endless .....			7	2...	1...33-7, 33-10	17551
3151—Chain, front, 64 links, $\frac{1}{2}$ "x.305" .....			7	4...	1...33-5	20682
3152—Chain, front, 66 links, $\frac{1}{2}$ "x.305" .....			7	7...	1...33-B6, 33-12	20683
3153—Chain, front, 68 links, $\frac{1}{2}$ "x.305" .....			7	10...	1...33-7	12384
3153A—Chain, front, 67 links, $\frac{1}{2}$ "x.305" .....			7	8...	1...33-6, 33-8, 33-B8, 33-9	12346
3155—Chain, front, 69 links, $\frac{1}{2}$ "x.305" .....			7	11...	1...33-10	17436
3160—Chain, rear, 112 links, $\frac{1}{2}$ "x.305" .....			12	10...	1...33-12	20710
3161—Chain, rear, 114 links, $\frac{1}{2}$ "x.305" .....			13	2...	1...33-5	20684
3162—Chain, rear, 113 links, $\frac{1}{2}$ "x.305" .....			13	0...	1...33-B6	20685
3164—Chain, rear, 124 links, $\frac{1}{2}$ "x.305" .....			14	2...	1...33-6	12348
3166—Chain, rear, 98 links, $\frac{1}{2}$ "x.38" .....			16	9...	1...33-7, 33-10	17452
3167—Chain, rear, 99 links, $\frac{1}{2}$ "x.38" .....			16	11...	1...33-8, 33-B8, 33-9	17504
3171—Chain, magneto, 34 links, $\frac{1}{2}$ "x.125", endless .....			1	8...	1...33-5, 33-B6, 33-12	20686
3172—Chain, magneto, 38 links, $\frac{1}{2}$ "x.125", endless .....			1	10...	1...33-6, 33-8, 33-B8, 33-9	12349
(as XB 2221)						
3176—Chain, magneto, 51 links, $\frac{1}{2}$ "x.23", endless .....			4	3...	1...33-7, 33-10	17552
3181—Chain connecting link, straight .....				4...	R...All models	8L3
3182—Chain connecting link, cranked .....				4...	R...All models	8CL3
3183—Chain connecting link, straight .....				6...	R...33-7, 33-8, 33-B8, 33-9, 33-10	10L
3184—Chain connecting link, cranked .....				6...	R...33-7, 33-8, 33-B8, 33-9, 33-10	10CL



# **SPEEDOMETER DRIVE GROUP.**

Serial Number.	Name.	Price each.	No. to a Set.	Used on.	Drawing Number.
1405—	Drive box, complete, for tank fitting speedometer ...	£ 7	s. 6...	1...33-5	SD6
1406—	Drive box, complete	9	0...	1...33-6	SD16
140C—	Drive box, complete	9	0...	1...33-8, 33-B8, 33-9	SD19
1410—	Drive box, complete, for tank fitting speedometer ...	7	6...	1...33-9 (3-speed)	SD1
1410A—	Drive box, complete	9	0...	1...33-9 (3-speed)	SD4
1411—	Drive box, complete	9	0...	1...33-B6, 33-12	SD23
1412—	Drive box, complete, for tank fitting speedometer	7	6...	1...33-B6, 33-12	SD22
1413—	Drive box, complete, for gear box without kickstarter	9	0...	1...33-7, 33-10	SD24
1413A—	Drive box, complete, for gear box with kickstarter ...	9	0...	1...33-7, 33-10	SD10
1420—	Casing only	2	6...	1...33-6	LS460
1420—	Casing only, for gear box with kickstarter	2	6...	1...33-7, 33-10	LS460
1421—	Casing only	2	6...	1...33-8, 33-B8, 33-9	LS410
1421—	Casing only	2	6...	1...33-9 (3-speed)	LS410
1422—	Casing only, for tank fitting speedometer	2	6...	1...33-9 (3-speed)	LS321A
1422—	Casing only, for gear box without kickstarter	2	6...	1...33-7, 33-10	LS321A
1423—	Casing only	2	6...	1...33-5	LS339A
1424—	Casing only	2	6...	1...33-B6, 33-12	LS461
1425—	Casing only, for tank fitting speedometer	2	6...	1...33-B6, 33-12	LS339E
143C—	Pinion spindle	1	3...	1...33-6, 33-8, 33-B8, 33-9, 33-B6, 33-12	LS412
143C—	Pinion spindle, for gear box with kickstarter	1	3...	1...33-7, 33-10	LS412
1430—	Pinion spindle	1	3...	1...33-9 (3-speed)	LS412
1431—	Pinion spindle	1	3...	1...33-5, 33-B6, 33-12	LS322
1431—	Pinion spindle for gear box without kickstarter	1	3...	1...33-7, 33-10	LS322
1431—	Pinion spindle for tank fitting speedometer	1	3...	1...33-9 (3-speed)	LS322
1433—	Connection bush, for cable	1	6...	1...All models	LS323
1434—	Spindle end bush for tank fitting speedometer	8...	1...	1...33-5, 33-B6, 33-12	LS324
1434—	Spindle end bush, for gear box without kickstarter...	8...	1...	1...33-7, 33-10	LS324
1434—	Spindle end bush, for tank fitting speedometer	8...	1...	1...33-9 (3-speed)	LS324
1436—	Spindle end washer, for tank fitting speedometer	1...	1...	1...33-5, 33-B6, 33-12	LS325
1436—	Spindle end washer, for gear box without kickstarter	1...	1...	1...33-7, 33-10	LS325
1436—	Spindle end washer, for tank fitting speedometer	1...	1...	1...33-9 (3-speed)	LS325
1438—	End bush fixing screw	1...	1...	1...All models	LS326
1440—	Pin, for cable coupling	1...	1...	1...All models	LS328
1442—	Pinion, 24 teeth	2	0...	1...33-6	LS462
1443—	Pinion, 21 teeth, for tank fitting speedometer	2	6...	1...33-9 (3-speed)	LS327
1444—	Pinion, 21 teeth	2	6...	1...33-9 (3-speed)	LS416
1445—	Pinion, 21 teeth	2	0...	1...33-8, 33-B8, 33-9	LS462A
1446—	Pinion, 23 teeth	2	0...	1...33-5	LS333F
1447—	Pinion, 24 teeth	2	0...	1...33-B6, 33-12	LS465A
1448—	Pinion, 24 teeth, for tank fitting speedometer	2	0...	1...33-B6, 33-12	LS464A
1449—	Pinion, 21 teeth, for gear box without kickstarter	2	6...	1...33-7, 33-10	LS436A
1450—	Pinion, 24 teeth, for gear box with kickstarter	2	0...	1...33-7, 33-10	LS347A
1452—	Screw, fixing casing	2...	2...	2...33-6	LS349
1452—	Screw, fixing casing, for tank fitting speedometer	2...	2...	2...33-B6, 33-12	LS349
1452—	Screw, fixing casing, for gear box with kickstarter	2...	2...	2...33-7, 33-10	LS349
1453—	Screw, fixing casing	1...	2...	2...33-B8, 33-9, 33-8	MC255
1453—	Screw, fixing casing, for gear box without kickstarter	1...	2...	2...33-7, 33-10	MC255
1453—	Screw fixing casing	1...	2...	2...33-9 (3-speed)	MC255
1453—	Screw fixing casing for tank fitting speedometer	1...	2...	2...33-9 (3-speed)	MC255
1454—	Screw, fixing casing, for tank fitting speedometer	1...	2...	2...33-5	CS139A
1455—	Screw, fixing casing	2...	2...	2...33-B6, 33-12	LS439A
1458—	Intermediate pinion	1	0...	1...33-6, 33-8, 33-B8, 33-9, 33-B6, 33-12	LS413
1458—	Intermediate pinion	1	0...	1...33-9 (3-speed)	LS413
1458—	Intermediate pinion, for gear box with kickstarter...	1	0...	1...33-7, 33-10	LS413
1459—	Final pinion	1	0...	1...33-6, 33-8, 33-B8, 33-9, 33-B6, 33-12	LS414
1459—	Final pinion	1	0...	1...33-9 (3-speed)	LS414
1459—	Final pinion, for gear box with kickstarter	1	0...	1...33-7, 33-10	LS414
1460—	Final pinion spindle	1	0...	1...33-6, 33-8, 33-B8, 33-9, 33-B6, 33-12	LS415
1460—	Final pinion spindle	1	0...	1...33-9 (3-speed)	LS415
1460—	Final pinion spindle, for gear box with kickstarter...	1	0...	1...33-7, 33-10	LS415
1137—	Washer, for casing fixing screw	1...	2...	2...All models	LS331
When a speedometer is not fitted, the aperture in the gear casing that accommodates the speedometer drive box is covered by the following parts:—					
1401—	Cover plate	3...	1...	1...33-5	LS341
1402—	Cover plate	3...	1...	1...All models except 33-5	LS329A
1456—	Cover plate fixing screw	1...	2...	2...All models	CS139
1137—	Cover plate fixing screw washer	1...	2...	2...All models	LS331

When extensive structural repairs are required owners are strongly advised to send their machines to the factory, where a special Repair Department is maintained. It is obvious that the manufacturers are in the best position to undertake repairs of that description.



# FRONT WHEEL AND BRAKE GROUP.

Serial Number	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
1601—	Wheel, with brake, less tyre and cable .....		4 15 0...	1...	33-5, 33-B6, 33-12	20665A
1602—	Wheel, with brake, less tyre and cable .....		5 5 0...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	12330A
1605—	Wheel, bare .....		2 4 6...	1...	33-5, 33-B6, 33-12	20665
1606—	Wheel, bare .....		2 4 6...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	12330
1610—	Rim, drilled .....		9 3...	1...	33-5, 33-B6, 33-12	20708
1611—	Rim, drilled .....		9 3...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	17546
1623—	Hub complete, less brake and solid spindle (as WB 461) .....		2 10 0...	1...	33-5, 33-B6, 33-12	20334A
1624—	Hub, complete, less brake and solid spindle (as WB 241) .....		2 13 6...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	11906A
1627—	Hub shell .....	(as WB 541)	1 6 3...	1...	33-5, 33-B6, 33-12	20334
1628—	Hub shell .....	(as WB 501)	1 6 3...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	11906
1630—	Hub adjusting ring .....	(as WB 661)	1 6...	1...	All models	11915
1631—	Hub adjusting ring lock nut .....	(as WB 701)	1 3...	1...	All models	11914
1632—	Felt washer .....	(as WB 741)	2...	2...	All models	11909
1633—	Felt washer cup .....	(as WB 782)	3...	1...	All models	11911
1634—	Spacing ring for felt washer .....	(as WB 784)	2...	1...	All models	11912
1635—	Retaining ring, for felt washer .....	(as WB 783)	6...	3...	All models	11913
1636—	Hub spring ring .....	(as WB 781)	2...	1...	All models	11910
1640—	Hollow spindle with taper bearings .....	(as WB 821)	15 0...	1...	All models	11908
1644—	Centre solid spindle .....	(as WB 880)	2 6...	1...	All models	11437
1646—	Centre solid spindle distance piece .....		3...	1...	All models	12267
1648—	Centre solid spindle nut .....	(as WA 1060)	3...	2...	All models	10190
1650—	Centre solid spindle washer .....	(as WB 1030)	1...	2...	All models	10329
1652—	Brake anchor plate spindle lock nut .....	(as WB 1065)	3...	1...	All models	11435
1654—	Brake anchor plate, assembled with shoes .....		1 4 6...	1...	33-5, 33-B6, 33-12	20262A
1655—	Brake anchor plate, assembled with shoes .....		1 11 0...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	11987A
1658—	Brake shoes with springs, per pair ... (as WA 1140)		8 0...	1...	33-5, 33-B6, 33-12	20274
1659—	Brake shoes with springs, per pair ... (as WB 1121)		11 6...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16297
1661—	Brake shoe, top .....	(as WA 1180)	4 0...	1...	33-5, 33-B6, 33-12	20274-IA
1662—	Brake shoe, bottom .....	(as WA 1220)	4 0...	1...	33-5, 33-B6, 33-12	20274-IB
1663—	Brake shoe, top .....	(as WB 1161)	5 9...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16297-IA
1664—	Brake shoe, bottom .....	(as WB 1201)	5 9...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16297-IB
1665—	Brake lining with 8 rivets .....	(as WB 1241-2)	2 0...	2...	33-5, 33-B6, 33-12	3836-3
1656—	Brake lining with 8 rivets .....	(as WB 1241)	2 0...	2...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	3836-2
1668—	Rivets, for brake lining .....	(as WA 1281)	4...16...	1...	33-5, 33-B6, 33-12	15859
1669—	Rivets, for brake lining .....	(as WA 1280)	4...16...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	11835
1671—	Spring, for brake shoes .....	(as WA 1310)	2...	2...	33-5, 33-B6, 33-12	20408
1672—	Spring, for brake shoes .....	(as WA 1300)	2...	2...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16485
1674—	Brake anchor plate, bare .....	(as WA 1380)	10 6...	1...	33-5, 33-B6, 33-12	20262-1
1675—	Brake anchor plate, bare .....	(as WB 1341)	12 0...	1...	33-5, 33-7, 33-8, 33-B8, 33-9, 33-10	11987-1
1679—	Bolt, for anchor plate .....	(as WB 1400)	5...	1...	33-5, 33-B6, 33-12	10109
1680—	Bolt, for anchor plate .....	(as WB 1421)	4...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16366
1682—	Nut, for anchor plate bolt .....		2...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	3068
1684—	Spring washer, for anchor plate bolt .....	(as WA 1520)	1...	1...	33-5, 33-B6, 33-12	2881
1686—	Brake expander .....	(as WB 1720)	3 3...	1...	33-5, 33-B6, 33-12	10193
1687—	Brake expander .....	(as WB 1721)	3 3...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16298
1690—	Lever, for brake expander .....	(as WA 1740)	2 0...	1...	33-5, 33-B6, 33-12	2443
1691—	Lever, for brake expander .....	(as WB 1741)	3 3...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16299
1697—	Brake rod .....	(as WA 1910)	5...	1...	33-5, 33-B6, 33-12	11847
1702—	Brake rod adjusting nut .....	(as WA 2000)	9...	1...	33-5, 33-B6, 33-12	11757
1703—	Brake rod adjusting nut lock nut .....	(as WA 2020)	4...	1...	33-5, 33-B6, 33-12	11758
1705—	Spring box .....	(as WA 2080)	1 6...	1...	33-5, 33-B6, 33-12	11756
1706—	Spring box plunger spring .....	(as WA 2100)	4...	1...	33-5, 33-B6, 33-12	11763
1707—	Spring box plunger .....	(as WA 2060)	1 0...	1...	33-5, 33-B6, 33-12	11752
1708—	Cable adjuster .....	(as WA 2120)	2...	1...	33-5, 33-B6, 33-12	11751
1709—	Cable adjuster lock nut .....	(as WA 2145)	3...	1...	33-5, 33-B6, 33-12	11750
1710—	Cable adjuster .....	(as WB 2121)	1 0...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16365
1711—	Cable adjuster lock nut .....	(as WB 2141)	4...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16363
1713—	Yoke end, for brake rod .....	(as WA 1940)	10...	1...	33-5, 33-B6, 33-12	11755
1714—	Yoke end, for cable .....	(as WB 1941)	10...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16482
1718—	Cable guide .....	(as WA 2160)	3...	1...	33-5, 33-B6, 33-12	11753
69—	Washer, for anchor plate bolt .....	(as WA 3200)	1...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	2883

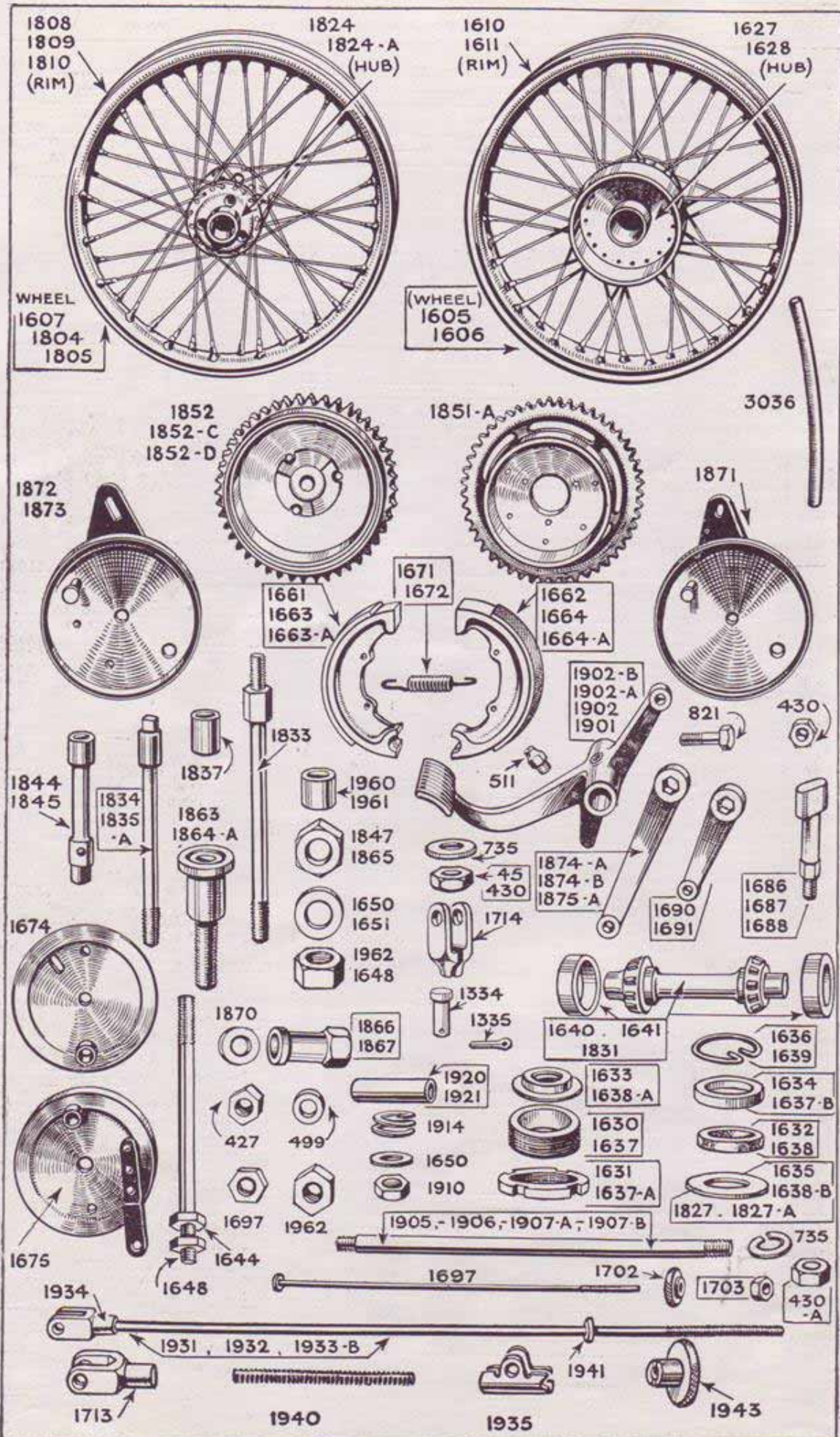


Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
430—Nut, for brake expander lever .....	(as ZA 6020)			2...	1...All models .....	10499
511—Grease nipple, for hub .....				3...	1...All models .....	AB68
511—Grease nipple, for brake expander .....				3...	1...All models .....	AB68
735—Washer, for brake expander lever ...	(as ZA 6830)			1...	1...All models .....	2888
1334—Pin, for yoke end .....	(as YA 4320)			3...	1...All models .....	2512
1335—Split pin, for yoke end pin .....				1...	1...All models .....	STD14
3036—Rubber sleeve, for brake cable .....				1...	1...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10 .....	NN

## REAR WHEEL AND BRAKE GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
1603—Wheel, with bearings, less tyre .....			3 17	9...	1...33-7, 33-10 .....	4174A
1607—Wheel, bare .....			2 14	0...	1...33-7, 33-10 .....	4174
1625—Hub, complete, less solid spindle .....	(as WB 401)		2 10	0...	1...33-7, 33-10 .....	16259A
1630—Hub adjusting ring .....	(as WB 661)		1 6...	1...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12 .....	11915
1631—Hub adjusting ring lock nut .....	(as WB 701)		1 3...	1...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12 .....	11914
1632—Felt washer .....	(as WB 741)		2...	2...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12 .....	11909
1633—Felt washer cup .....	(as WB 782)		3...	1...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12 .....	11911
1634—Retaining ring, for felt washer .....	(as WB 784)		2...	1...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12 .....	11912
1635—Oil retaining washer, small hole .....	(as WB 783)		6...	3...	1...33-5, 33-B6, 33-12 .....	11913
1635—Oil retaining washer, small hole .....	(as WB 783)		6...	2...	1...33-6, 33-8, 33-B8, 33-9 .....	11913
1636—Spring ring .....	(as WB 781)		2...	1...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12 .....	11910
1637—Hub adjusting ring .....	(as WB 641)		1 6...	1...	1...33-7, 33-10 .....	16258
1637A—Hub adjusting ring lock nut .....	(as WB 681)		1 3...	1...	1...33-7, 33-10 .....	16261
1637B—Felt washer distance piece .....	(as WB 764)		2...	1...	1...33-7, 33-10 .....	16253
1638—Felt washer .....	(as WB 721)		2...	2...	1...33-7, 33-10 .....	16266
1638A—Felt washer cup .....	(as WB 762)		2...	1...	1...33-7, 33-10 .....	16264
1638B—Oil retaining washer, small hole .....	(as WB 763)		2...	1...	1...33-7, 33-10 .....	16262
1639—Spring ring, for felt washer .....	(as WB 761)		2...	1...	1...33-7, 33-10 .....	16265
1641—Hollow spindle with taper bearings ...	(as WB 801)		17 6...	1...	1...33-7, 33-10 .....	16267
1648—Centre spindle nut .....	(as WA 1060)		3...	2...	1...33-5, 33-B6, 33-12 .....	10190
1650—Centre spindle washer .....	(as WB 1030)		1...	2...	1...33-5, 33-B6, 33-12 .....	10329
1650—Dummy spindle washer .....	(as WB 1030)		1...	1...	1...33-6, 33-8, 33-B8, 33-9 .....	10329
1651—Dummy spindle washer .....			1...	1...	1...33-7, 33-10 .....	2880
1658—Brake shoes with linings and springs	(as WA 1140) per pair		8 0...	1...	1...33-5, 33-B6, 33-12 .....	20274
1659—Brake shoes with linings and springs	(as WB 1121) per pair		11 6...	1...	1...33-6, 33-8, 33-B8, 33-9 .....	16297
1659A—Brake shoes with linings and springs	(as WB 2601) per pair		12 6...	1...	1...33-7, 33-10 .....	1310
1661—Brake shoe, top .....	(as WA 1180)		4 0...	1...	1...33-5, 33-B6, 33-12 .....	20274-1A
1662—Brake shoe, bottom .....	(as WA 1220)		4 0...	1...	1...33-5, 33-B6, 33-12 .....	20274-1B
1663—Brake shoe, top .....	(as WB 1161)		5 9...	1...	1...33-6, 33-8, 33-B8, 33-9 .....	16297-1A
1663A—Brake shoe, top .....	(as WB 2661)		6 3...	1...	1...33-7, 33-10 .....	1310-1
1664—Brake shoe, bottom .....	(as WB 1201)		5 9...	1...	1...33-6, 33-8, 33-B8, 33-9 .....	16297-1B
1664A—Brake shoe, bottom .....	(as WB 2721)		6 3...	1...	1...33-7, 33-10 .....	1310-2
1665—Brake lining with 8 rivets .....	(as WB 2781-3)		2 0...	2...	1...33-5, 33-B6, 33-12 .....	3836-3
1666—Brake lining with 8 rivets .....	(as WB 2781-2)		2 0...	2...	1...33-6, 33-8, 33-B8, 33-9 .....	3836-2
1667—Brake lining with 8 rivets .....	(as WB 2781-1)		2 3...	2...	1...33-7, 33-10 .....	3836-1
1668—Rivet, for brake lining .....	(as WA 1281) per set		4...16...	33-5, 33-B6, 33-12 .....	15859	
1669—Rivet, for brake lining .....	(as WA 1280) per set		4...16...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10 .....	11835	
1671—Brake shoe spring .....	(as WA 1300)		2...	2...	1...33-5, 33-B6, 33-12 .....	20408
1672—Brake shoe spring .....	(as WA 2860)		2...	2...	1...33-5, 33-7, 33-8, 33-B8, 33-9, 33-10 .....	16485
1686—Brake expander .....	(as WB 1720)		2 9...	1...	1...33-5, 33-B6, 33-12 .....	10193
1687—Brake expander .....	(as WB 1721)		3 3...	1...	1...33-6, 33-8, 33-B8, 33-9 .....	16298
1688—Brake expander .....	(as WB 3100)		3 6...	1...	1...33-7, 33-10 .....	182
1801—Wheel, complete with bearings, less tyre .....			3 7 6...	1...	1...33-5, 33-B6, 33-12 .....	20666A
1802—Wheel, complete with bearings, less tyre .....			3 7 6...	1...	1...33-6, 33-8, 33-B8, 33-9 .....	12331A
1804—Wheel, bare .....			2 5 0...	1...	1...33-5, 33-B6, 33-12 .....	20666
1805—Wheel, bare .....			2 5 0...	1...	1...33-6, 33-8, 33-B8, 33-9 .....	12331
1808—Rim, drilled .....			9 3...	1...	1...33-5, 33-B6, 33-12 .....	20709
1809—Rim, drilled .....			9 3...	1...	1...33-6, 33-8, 33-B8, 33-9 .....	17547







Serial Number.	Name.	Interchangeability.	Price each.	No to a Set.	Used on.	Drawing Number.
1810—Rim, drilled			£ 8. d.			
1821—Hub, complete, less solid spindle	(as WB 2361)		9 3...	1...33-7, 33-10	4297	
1822—Hub, complete, less solid spindle			2 10 0...	1...33-5, 33-B6, 33-12	11903LA	
1824—Hub, shell	(as WB 2391)		1 6 3...	1...33-6, 33-8, 33-B8, 33-9	11903HA	
1824A—Hub shell	(as WB 481)		1 6 3...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	11903	
1827—Oil retaining washer, large hole	(as WB 785)		3...	1...33-7, 33-10	16259	
1827A—Oil retaining washer, large hole	(as WB 765)		3...	1...33-6, 33-8, 33-B8, 33-9	11999	
1831—Hollow spindle with taper bearings	(as WB 2399)		6...	2...33-7, 33-10	3855	
1833—Solid centre spindle	(as WB 2406)		17 6...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	11905	
1834—Solid centre spindle	(as WC 2403)		3 6...	1...33-5, 33-B6, 33-12	20333	
1835A—Solid centre spindle			2 6...	1...33-6, 33-8, 33-B8, 33-9	12224	
1837—Solid centre spindle right distance piece	(as WB 2421)		2 6...	1...33-7, 33-10	4169	
1841—Chain wheel pin	(as WB 2495)		3...	1...33-6, 33-8, 33-B8, 33-9	10086	
1844—Hub sleeve bolt	(as WB 1821)		3...	3...33-5, 33-B6, 33-12	20024	
1845—Hub sleeve bolt	(as WB 2436)		2 3...	3...33-6, 33-8, 33-B8, 33-9	11916	
1847—Nut, locking anchor plate on centre spindle	(as WA 3050)		2 9...	3...33-7, 33-10	16269	
1851A—Brake drum and sprocket, bare			3...	1...33-5, 33-B6, 33-12	20078	
1852—Brake drum and sprocket with centre			1 4 3...	1...33-5, 33-B6, 33-12	20346	
1852C—Brake drum and sprocket with centre			1 16 9...	1...33-6	11926A	
1852D—Brake drum and sprocket with centre			1 16 9...	1...33-8, 33-B8, 33-9	17367A	
1853—Brake drum and sprocket, bare			1 16 9...	1...33-7, 33-10	17393A	
1853A—Brake drum and sprocket, bare			1 13 3...	1...33-6	11926	
1853B—Brake drum and sprocket, bare			1 13 3...	1...33-8, 33-B8, 33-9	17367	
1853B—Brake drum and sprocket, bare			1 13 3...	1...33-7, 33-10	17393	
1856—Brake drum centre disc	(as WB 2690)		1 9...	1...33-6, 33-8, 33-B8, 33-9	11427	
1856A—Brake drum centre disc	(as WB 1560)		1 9...	1...33-7, 33-10	3507	
1859—Wheel driving stud, screwed	(as WB 2485)		4...	3...33-6, 33-8, 33-B8, 33-9	10083	
1860—Wheel driving stud, plain	(as WB 2470)		2...	3...33-6, 33-8, 33-B8, 33-9	10082	
1861—Wheel driving stud, screwed			4...	3...33-7, 33-10	3508	
1862—Wheel driving stud, plain	(as WB 2465)		2...	3...33-7, 33-10	678	
1863—Dummy spindle	(as WB 3520)		1 9...	1...33-6, 33-8, 33-B8, 33-9	10087	
1864A—Dummy spindle			1 9...	1...33-7, 33-10	4170	
1865—Nut, locking anchor plate	(as WB 3930)		3...	1...33-6, 33-8, 33-B8, 33-9	10089	
1866—Nut, securing dummy spindle to fork end			6...	1...33-6, 33-8, 33-B8, 33-9	12221	
1867—Nut, securing dummy spindle to fork end			6...	1...33-7, 33-10	297	
1867A—Anchor plate, assembled with shoes			1 5 6...	1...33-5, 33-B6, 33-12	20018-1AS	
1868—Nut, for anchor plate bolt	(as WB 3060)		7...	1...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	12159	
1869A—Anchor plate, assembled with shoes			1 10 6...	1...33-6, 33-8, 33-B8, 33-9	11988-1AS	
1869B—Anchor plate, assembled with shoes			1 13 0...	1...33-7, 33-10	16334-1AS	
1870—Washer, for anchor plate bolt	(as WC 3120)		3...	1...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	12158	
1871—Anchor plate, bare	(as WA 2980)		12 3...	1...33-5, 33-B6, 33-12	20018-1	
1872—Anchor plate, bare	(as WB 2941)		13 0...	1...33-6, 33-8, 33-B8, 33-9	11988-1	
1873—Anchor plate, bare	(as WB 2932)		13 0...	1...33-7, 33-10	16334-1	
1874A—Brake expander lever	(as WB 3421)		2 3...	1...33-6, 33-8, 33-B8, 33-9	12065	
1874B—Brake expander lever	(as WB 3441)		2 3...	1...33-5, 33-B6, 33-12	20383	
1875A—Brake expander lever	(as WB 3402)		2 6...	1...33-7, 33-10	16376	
1875—Frame tube clip, for anchor bolt	(as WB 3071)		3...	1...33-5, 33-B6, 33-12	20403	
1880—Anchor plate bolt	(as WB 3055)		4...	1...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	12080	
1960—Distance piece, left, for solid spindle	(as WB 2426)		3...	1...33-5, 33-B6, 33-12	20339	
1961—Distance piece, right, for solid spindle			3...	1...33-5, 33-B6, 33-12	20536	
1962—Nut, locking anchor plate to dummy spindle			4...	1...33-7, 33-10	15707	
1963—Rivet, securing centre disc			2...	3...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	17555	
1964—Brake external distance piece			3...	1...33-7, 33-10	17533	
1965—Hub, internal distance piece			3...	1...33-7, 33-10	17450	
45—Nut, for brake expander lever	(as ZB 520)		2...	1...33-7, 33-10	2871	
427—Nut, for chain wheel pin	(as YA 4360)		2...	3...33-5, 33-B6, 33-12	10485	
470—Nut, for anchor clip bolt	(as ZA 6020)		2...	1...33-5, 33-B6, 33-12	10499	
430—Nut, for brake expander lever			2...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	10499	
511—Grease nipple, for hub			3...	1...All models	AB68	
511—Grease nipple, for brake expander			3...	1...All models	AB68	
735—Washer, for brake expander lever	(as ZA 6830)		1...	1...All models	2888	
821—Bolt, for anchor plate clip	(as RA 3140)		3...	1...33-5, 33-B6, 33-12	2751	



## REAR BRAKE PEDAL AND FITTINGS GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
1901—Rear brake pedal .....			7 9...	1...	33-5, 33-B6, 33-12	20578
1902—Rear brake pedal .....			8 9...	1...	33-6, 33-8, 33-B8,	
					33-9	12303
1902A-Rear brake pedal .....			8 9...	1...	33-7, 33-10	12303-2
1902B-Rear brake pedal, Racing only .....			10 0...	1...	33-7, 33-10	17523
1905—Spindle, for brake pedal .....			1 6...	1...	33-5, 33-B6, 33-12	20579
1906—Spindle, for brake pedal .....			1 6...	1...	33-6	12313
1907A-Spindle, for brake pedal .....			1 6...	1...	33-7, 33-8, 33-B8,	
					33-9, 33-10	17376
1907B-Spindle, for brake pedal, Racing only .....			2 0...	1...	33-7, 33-10	17524
1910—Nut, for right side of pedal spindle .... (as WA 2500)			3...	1...	All models	2764
1914—Washer, spring, for brake pedal .....			1...	1...	All models	17236
1920—Bush, for brake pedal .....			3...	1...	33-5, 33-B6, 33-12	17194F
1921—Bush, for brake pedal .....			4...	1...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	17194L
1921—Bush, for brake pedal .....			4...	1...	33-7, 33-10	17194L
1922—Distance tube .....			6...	1...	33-5, 33-B6, 33-12	20507
1923—Distance tube .....			6...	1...	33-7, 33-8, 33-B8, 33-9,	
					33-10	20011-0
1924—Distance tube .....			6...	1...	33-6	20011-Q
1925—Distance tube .....			3...	1...	All models	17194G
1926—Distance tube .....			3...	1...	33-5, 33-B6, 33-12	17194H
1927—Distance tube .....			3...	1...	33-6	17194D
1931—Brake rod .....			2 3...	1...	33-5, 33-B6, 33-12	20619
1932—Brake rod .....			2 3...	1...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	17359
1933B-Brake rod, Racing only .....			1 9...	1...	33-7, 33-10	17540
1934—Yoke end, for rod, pedal end .....	(as YA 4300)		10...	1...	All models	2738
1935—Saddle clip, for rod, rear end .....	(as RA 6880)		1 6...	1...	All models	11772
1940—Spring, for brake rod .....	(as RA 6840)		3...	1...	All models	11773
1941—Collar, for brake rod .....	(as RA 6900)		2...	1...	All models	11762
1943—Adjusting nut, for brake rod .....	(as RA 6860)		1 9...	1...	All models	11749
1966—Distance tube .....			3...	1...	33-7, 33-8, 33-B8, 33-9,	
					33-10	17194Q
430A-Nut, left side of pedal spindle .....	(as WA 7160)		2...	1...	All models	3069
499—Washer, right side of pedal spindle .....	(as YB 530)		1...	1...	All models	10328
511—Grease nipple, for brake pedal .....			3...	1...	All models	AB68
735—Washer, left side of pedal spindle .....	(as ZA 6830)		1...	1...	All models	2888
1334—Pin, for yoke end and saddle clip .....	(as YA 4320)		3...	2...	All models	2512
1335—Split pin, for yoke end pin .....			1...	2...	All models	STD14
1650—Washer, for brake pedal .....			1...	1...	All models	10329

## SPOKE CHART.

Serial Number.	Length.	Gauge.	Location.	"As."	Price each.	Price per Set.	No. to a Set.	Used on.	Drawing Number.
					£ s. d.		£ s. d.		
1615.....	6 <sup>13</sup> / <sub>16</sub> "	11.....	Front left	WA 280	2...	1 9...	20...	33-5, 33-B6, 33-12	20676
1616.....	6 <sup>3</sup> / <sub>16</sub> "	11.....	Front left	WA 221	2...	1 9...	20...	33-6, 33-7, 33-8, 33-B8,	
								33-9, 33-10	12342
1617.....	8 <sup>3</sup> / <sub>16</sub> "	11.....	Front right	WB 321	2...	1 9...	20...	All models	20677
1618.....	8 <sup>5</sup> / <sub>16</sub> "	6-9.....	Rear right		2...	1 9...	20...	33-7, 33-10	4270
1619.....	8 <sup>1</sup> / <sub>16</sub> "	6-9.....	Rear left		2...	1 9...	20...	33-7, 33-10	4271
1811.....	8 <sup>3</sup> / <sub>16</sub> "	10.....	Rear left	WA 2320	2...	1 9...	20...	33-5, 33-B6, 33-12	20679
1811.....	8 <sup>3</sup> / <sub>16</sub> "	10.....	Rear right	WA 2320	2...	1 9...	20...	33-5, 33-B6, 33-12	20679
1812.....	8 <sup>3</sup> / <sub>16</sub> "	9.....	Rear left		2...	1 9...	20...	33-6, 33-8, 33-B8,	
								33-9	12343
1812.....	8 <sup>3</sup> / <sub>16</sub> "	9.....	Rear right		2...	1 9...	20...	33-6, 33-8, 33-B8,	
								33-9	12343

## NIPPLE CHART.

Serial Number.	Type.	Gauge.	Location.	"As."	Price each.	Price per Set.	No. to a Set.	Used on.	Drawing Number.
					£ s. d.		£ s. d.		
1620.....	.225	11.....	Front left	WA 380	1...	1 0...	20...	All models	20678
1620.....	.225	11.....	Front right	WA 380	1...	1 0...	20...	All models	20678
1815.....	.225	10.....	Rear left	WA 360	1...	1 0...	20...	33-5, 33-B6, 33-12	20680
1815.....	.225	10.....	Rear right	WA 360	1...	1 0...	20...	33-5, 33-B6, 33-12	20680
1816.....	.250	9.....	Rear left	WB 359	1...	1 0...	20...	33-6, 33-7, 33-8, 33-B8,	
								33-9, 33-10	12344
1816.....	.250	9.....	Rear right	WB 359	1...	1 0...	20...	33-6, 33-7, 33-8, 33-B8,	
								33-9, 33-10	12344



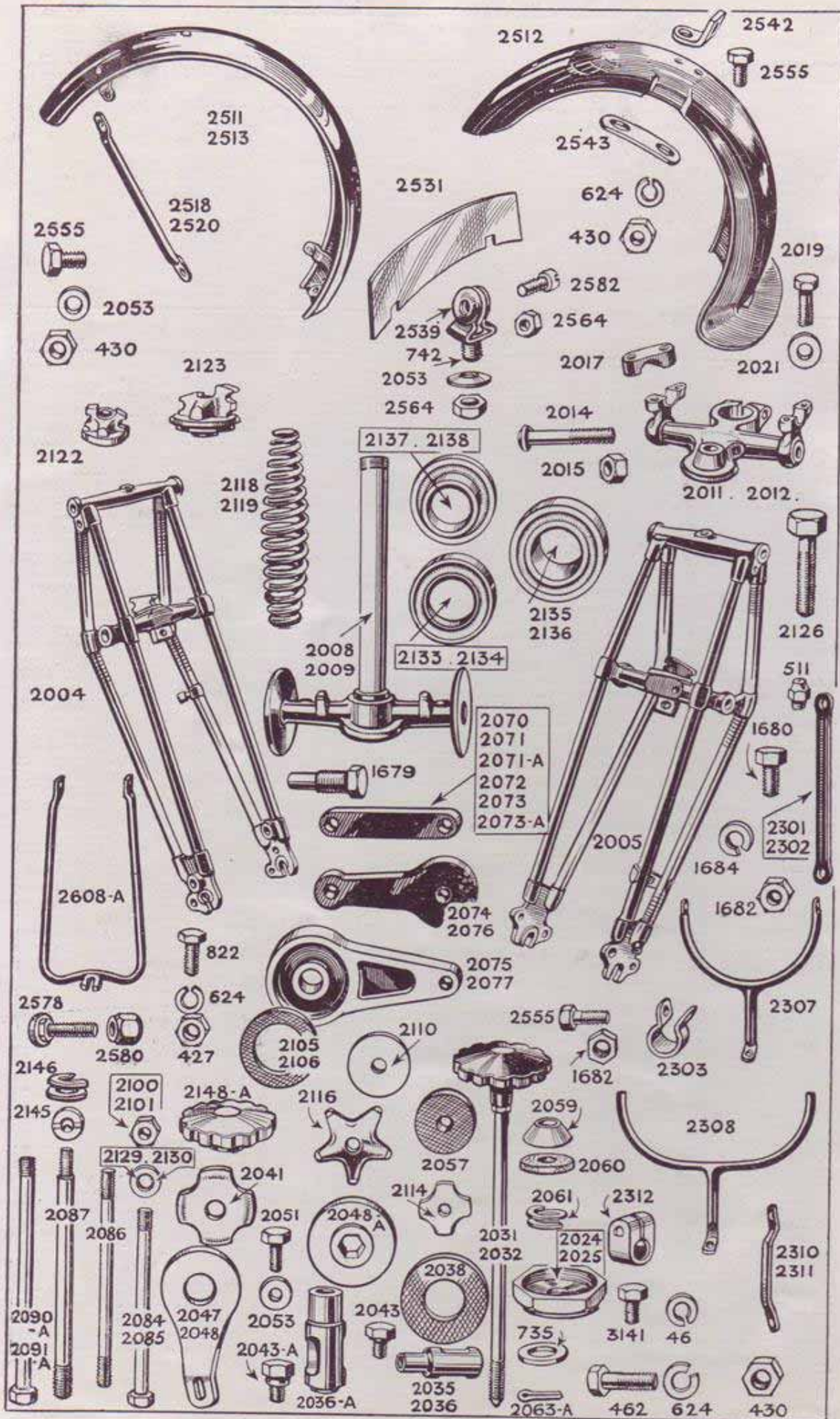
# FRAME SECTION

## COVERING FRONT FORKS, FOOTRESTS, FRAME, STANDS, MUDGUARDS AND CHAIN CASES.

### FORK GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
2001—	Front forks complete	(as RB 61)	£ 4 6 3...	1...	33-5, 33-B6, 33-12	20448A
2002—	Front forks complete		4 17 9...	1...	33-6, 33-8, 33-B8,	
					33-9	12339A
2003A—	Front forks complete		4 17 9...	1...	33-7, 33-10	12339AB
2004—	Front fork girder only	(as RB 141)	2 12 0...	1...	33-5, 33-B6, 33-12	20448
2005—	Front fork girder only		3 0 0...	1...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	12339
2008—	Steering column and crown	(as RB 221)	14 3...	1...	33-5, 33-B6, 33-12	20353-1
2009—	Steering column and crown		15 0...	1...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	12295-1
2011—	Steering column clip	(as RB 301)	10 6...	1...	33-5, 33-B6, 33-12	20324
2012—	Steering column clip		10 6...	1...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	12297
2014—	Steering column clip pinch bolt	(as RB 340)	5...	1...	All models	15063
2015—	Steering column clip pinch bolt nut	(as RA 380)	3...	1...	All models	15064
2017—	Handlebar half clip	(as RC 1970)	1 6...	2...	All models	12219
2019—	Handlebar half clip bolt	(as RB 1981)	3...	4...	All models	16368
2021—	Handlebar half clip bolt washer		1...	4...	All models	16556
2024—	Adjusting nut, for steering column	(as RB 441)	1 5...	1...	33-5, 33-B6, 33-12	20396
2025—	Adjusting nut, for steering column	(as RA 380)	1 5...	1...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	16057
2028—	Steering damper complete	(as RC 502)	9 0...	1...	33-5, 33-B6, 33-12	
2029—	Steering damper complete	(as RC 482)	9 0...	1...	33-6, 33-8, 33-B8,	16867-3A
					33-9	16867-2A
2029A—	Steering damper complete		10 3...	1...	33-7, 33-10	16867-2B
2031—	Steering damper drawbolt with knob	(as RC 572)	5 6...	1...	33-5, 33-B6, 33-12	16867-3
2032—	Steering damper drawbolt with knob	(as RC 562)	5 6...	1...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	16867-2
2035—	Steering damper sleeve	(as RB 621)	1 6...	1...	33-5, 33-B6, 33-12	20412
2036—	Steering damper sleeve	(as RB 601)	1 6...	1...	33-6, 33-8, 33-B8,	
					33-9	16288
2036A—	Steering damper sleeve		2 0...	1...	33-7, 33-10	17526
2038—	Steering damper friction washer	(as RB 641)	6...	1...	33-5, 33-6, 33-B6, 33-8,	
					33-B8, 33-9, 33-12	16286
2038—	Steering damper friction washer		6...	2...	33-7, 33-10	16286
2041—	Steering damper star disc		4...	1...	All models	17262
2043—	Steering damper star disc bolt		4...	1...	33-5, 33-6, 33-B6, 33-8,	
					33-B8, 33-9, 33-12	17263
2043A—	Steering damper star disc bolt		5...	1...	33-7, 33-10	17527
2047—	Steering damper anchor plate		6...	1...	33-5, 33-B6, 33-12	20564
2048—	Steering damper anchor plate	(as RB 721)	6...	1...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	16287
2048A—	Steering damper division plate		6...	1...	33-7, 33-10	17528
2051—	Steering damper anchor plate bolt	(as RB 761)	3...	1...	All models	16387
2053—	Steering damper anchor plate bolt washer	(as ZB 2730)	1...	1...	All models	2878
2057—	Steering damper fibre washer (top of column)	(as RA 780)	3...	1...	All models	11798
2059—	Steering damper coned collar (top of column)		2...	1...	All models	16870
2060—	Steering damper metal washer (top of column)	(as RA 800)	3...	1...	All models	11711
2061—	Steering damper anchor bolt spring washer	(as RA 740)	1...	1...	All models	2884
2063A—	Steering damper drawbolt split pin		1...	1...	All models	17351
2070—	Fork link, top, plain, right	(as RB 881)	9...	1...	33-5, 33-B6, 33-12	20355
2071—	Fork link, top, plain, right	(as RC 870)	1 6...	1...	33-6, 33-8, 33-B8,	
					33-9	15850A
2071A—	Fork link, top, plain, right		1 9...	1...	33-7, 33-10	17435-1
2072—	Fork link, top, threaded, left	(as RB 941)	1 3...	1...	33-5, 33-B6, 33-12	20356
2073—	Fork link, top, threaded, left	(as RC 930)	1 9...	1...	33-6, 33-8, 33-B8,	
					33-9	16850-B
2073A—	Fork link, top, threaded, left		2 0...	1...	33-7, 33-10	17435-2
2074—	Fork link, bottom, plain, right	(as RB 1001)	1 6...	1...	33-5, 33-B6, 33-12	20357
2075—	Fork link bottom, plain, right		2 6...	1...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	12307A
2076—	Fork link, bottom, threaded, left	(as RB 1061)	1 6...	1...	33-5, 33-B6, 33-12	20358
2077—	Fork link bottom, threaded, left		2 6...	1...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	12307B





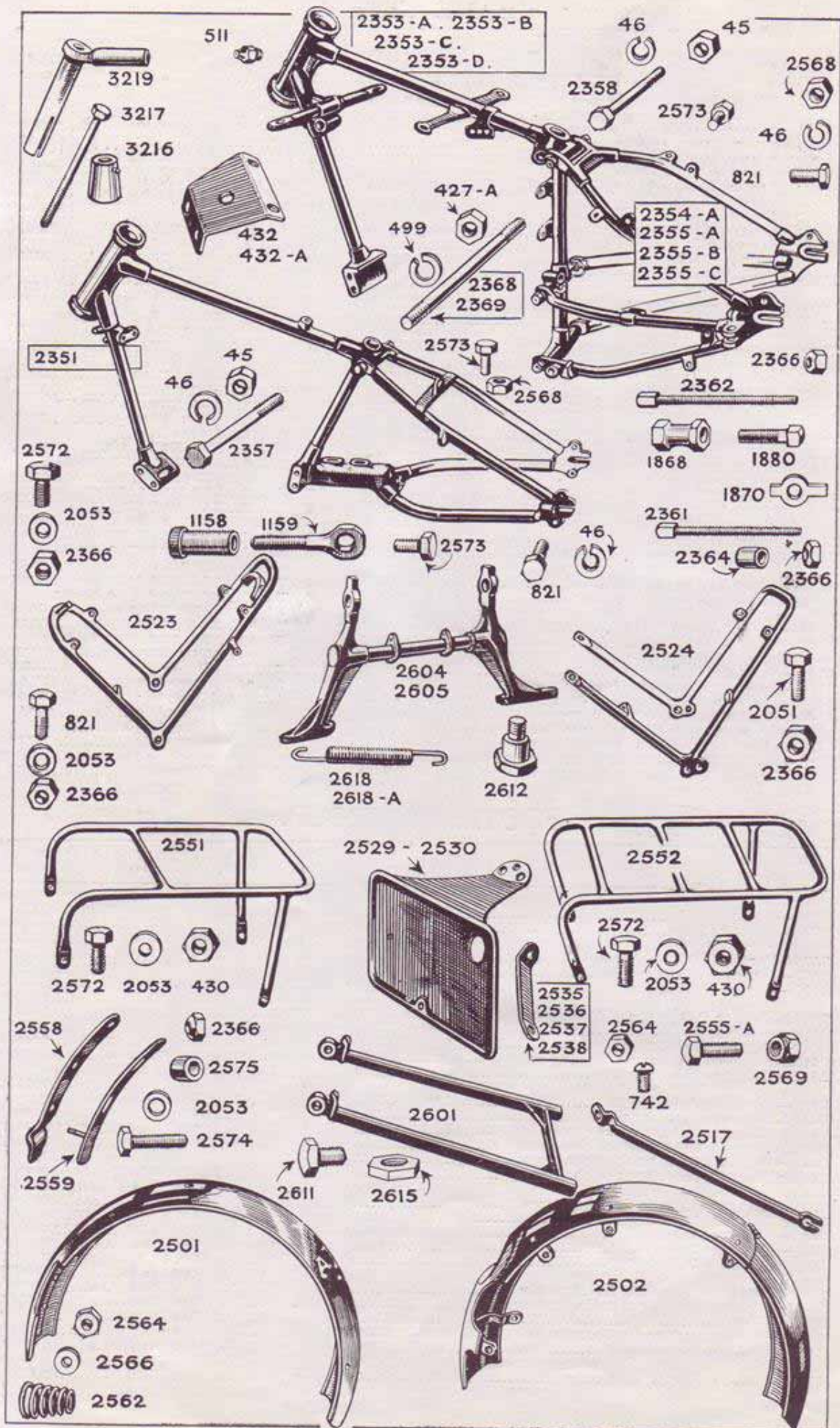


Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.	
			£	s	d.		
2084—Fork spindle, top	(as RB 1141)	1	3...	2...	33-5, 33-B6, 33-12	20336	
2085—Fork spindle, top		1	3...	2...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	12298	
2085—Fork spindle, bottom, front	(as RA 1220)	1	3...	2...	33-5, 33-B6, 33-12	20244	
2087—Fork spindle, bottom, front		1	4...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	12299	
2090A—Fork spindle, bottom, rear		1	6...	1...	33-5, 33-B6, 33-12	20672	
2091A—Fork spindle, bottom, rear		1	6...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	17368	
2100—Fork spindle nut	(as RB 1340)	4...	4...	33-5, 33-B6, 33-12	20088		
2101—Fork spindle nut	(as RC 1310)	4...	4...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16879		
2105—Fork damper friction disc	(as RB 1391)	1	3...	2...	33-5, 33-B6, 33-12	20359	
2106—Fork damper friction disc		1	6...	2...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	17260	
2110—Fork damper friction disc metal centre		3...	2...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	17264		
2114—Fork damper star disc		4...	1...	33-5, 33-B6, 33-12	20325		
2116—Fork damper star disc		6...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	AFF37		
2118—Fork spring	(as RB 1501)	3	6...	1...	33-5, 33-B6, 33-12	20377	
2119—Fork spring	(as RB 1461)	6	0...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16372	
2122—Fork spring top dish	(as RA 1540)	1	6...	1...	33-5, 33-B6, 33-12	20235	
2123—Fork spring top dish	(as RA 1520)	1	6...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	15957	
2126—Fork spring top dish bolt	(as RB 1561)	5...	1...	All models	15360		
2129—Packing washer, for top fork spindle		1...	4...	33-5, 33-B6, 33-12	20326		
2130—Packing washer, for top fork spindle		1...	4...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16937		
2133—Frame ball race	(as RB 1620)	2	3...	2...	33-5, 33-B6, 33-12	20086	
2134—Frame ball race	(as RB 1600)	2	3...	2...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	15067	
2135—Crown ball race	(as RB 1660)	2	6...	1...	33-5, 33-B6, 33-12	20084	
2136—Crown ball race	(as RB 1640)	2	6...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	15068	
2137—Collar ball race	(as RB 1700)	4	3...	1...	33-5, 33-B6, 33-12	20085	
2138—Collar ball race	(as RB 1680)	4	3...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	15066	
2141—Balls, for ball races	(as RB 1720) per set	1	2...	50...	33-5, 33-B6, 33-12	SB3A	
2142—Balls, for ball races	per set	1	3...	56...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	SB3B	
2143—Balls, for ball races	per doz.	3...	R...	All models	SB3		
2145—Ratchet washer, for fork damper		2...	1...	All models	AFF100		
2146—Spring washer, for fork damper		1...	1...	All models	MBD206		
2148A—Control knob, for fork damper		1	6...	1...	All models	12361	
511—Grease nipple, for fork spindles		3...	4...	All models	AB68		
735—Plain washer for steering damper anchor plate		1...	1...	All models	2888		
2061—Spring washer, for steering damper drawbolt	(as RA 740)	1...	1...	All models	2884		

## FOOTREST GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
2401—Footrest rod	.....		11...	1...	33-5, 33-B6, 33-12	20580
2402—Footrest rod	.....	(as RB 3301)	11...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16317
2403A—Footrest rod, Racing only	.....	(as RC 3311)	1	3...	1...33-7, 33-10	15739
2407—Hanger, left or right	.....		3	3...	2...33-5, 33-B6, 33-12	20530
2408—Hanger, left or right	.....	(as RB 3041)	3	3...	2...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16314
2409A—Hanger, left or right, Racing only	...	(as RA 3120)	3	3...	2...33-7, 33-10	11716
2410—Footrest pad	.....	(as RB 3081)	1	6...	2...All models	16315
2412—Distance tube, right	.....	(as RC 3590)	6...	1...	33-5, 33-B6, 33-12	20488
2412A—Distance tube, right, Racing only	.....		4...	1...	33-7, 33-10	17531
2413—Distance tube, right	.....	(as RB 3585)	7...	1...	33-7, 33-8, 33-B8, 33-9, 33-10	20011P
2414—Distance tube, right	.....	(as RB 3581)	7...	1...	33-6	12009A
2414A—Distance tube, for plate	.....		7...	1...	33-5, 33-B6, 33-12	12009F
2416—Distance tube, back of chaincase	.....		3...	1...	33-5, 33-B6, 33-12	17194K
2416A—Distance tube, back of chaincase	.....		3...	1...	33-7, 33-10	17194R
2417—Distance tube, back of chaincase	.....		3...	1...	33-6	17194E
2417A—Distance tube, back of chaincase	.....		3...	1...	33-7, 33-8, 33-B8, 33-9, 33-10	17194T
2418—Distance tube, inside chaincase	.....		3...	1...	All models	17194J
2418A—Distance tube, centre	.....		5...	1...	33-7, 33-10	16131D
2419—Distance tube, left	.....	(as RB 3785)	3...	1...	33-5, 33-B6, 33-12	12009H
2420—Distance tube, left	.....		3...	1...	33-6	17194I
2420A—Distance tube, left	.....		3...	1...	33-7, 33-8, 33-B8, 33-9, 33-10	17194U
2420B—Distance tube, left, Racing only	.....		3...	1...	33-7, 33-10	17530
2428—Dummy footrest spindle, Racing only	.....		10...	1...	33-7, 33-10	17537
2429—Plate	.....		8...	2...	33-5, 33-B6, 33-12	20572
69—Washer, spring, for footrest rod	.....	(as WA 3200)	1...	2...	All models	2883
1682—Nut, for footrest rod	.....	(as ZA 5940)	2...	2...	All models	3068
1684—Washer, spring, for Racing arm only	.....	(as WA 1520)	1...	2...	33-7, 33-10	2881
1910—Nut, for Racing arm only	.....	(as WA 2800)	3...	2...	33-7, 33-10	2764







## FRAME GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
2351—	Frame, complete		8 1 0...	1...	33-5, 33-B6, 33-12	20553
2353A—	Frame, front portion		5 10 0...	1...	33-6	11961-2F
2353B—	Frame, front portion		5 10 0...	1...	33-8, 33-B8, 33-9	11961-1F
2353C—	Frame, front portion		5 12 6...	1...	33-7, 33-10	17437-1F
2353D—	Frame, front portion, Racing only		5 12 6...	1...	33-7, 33-10	17437-2F
2354A—	Frame, rear portion		3 14 0...	1...	33-8, 33-B8, 33-9	11961-1R
2355A—	Frame, rear portion		3 14 0...	1...	33-6	11961-2R
2355B—	Frame, rear portion		3 14 0...	1...	33-7, 33-10	17437-1R
2355C—	Frame, rear portion, Racing only		4 5 0...	1...	33-7, 33-10	17437-2R
2357—	Seat lug bolt	(as RA 2900)	7...	1...	33-5, 33-B6, 33-12	20305
2358—	Seat lug bolt	(as RA 2840)	8...	1...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	12003
2361—	Rear chain adjuster bolt	(as RB 2600)	4...	2...	33-5, 33-B6, 33-12	10308
2362—	Rear chain adjuster bolt		7...	2...	33-5, 33-7, 33-8, 33-B8,	
					33-9, 33-10	17366
2364—	Rear chain adjuster bolt collar		2...	2...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	BF40
236C—	Rear chain adjuster bolt nut	(as ZB 2720)	2...	2...	All models	2770
236E—	Chain stay bridge bolt	(as RB 2935)	4...	2...	33-6	12001
236F—	Chain stay bridge bolt		4...	2...	33-7, 33-8, 33-B8, 33-9,	
					33-10	16708
239Z—	Wheel setting piece		4...	1...	33-6, 33-8, 33-B8,	
					33-9	11013
2394—	Wheel setting piece		4...	1...	33-7, 33-10	4234
2395—	Wheel setting piece clip		5...	1...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	11011
45—	Seat lug bolt nut	(as ZB 520)	2...	1...	33-5, 33-B6, 33-12	2871
46—	Seat lug bolt spring washer		1...	2...	33-6, 33-8, 33-B8,	
					33-9	2886
47—	Frame lug bolt spring washer	(as ZB 7170)	1...	4...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	2882
47—	Frame lug bolt spring washer	(as ZB 7170)	1...	5...	33-5, 33-B6, 33-12	2882
427A—	Chain stay bridge bolt nut	(as RB 2937)	3...	4...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	12002
499—	Seat lug bolt spring washer	(as YB 530)	1...	1...	33-7, 33-10	10328
499—	Chain stay bolt spring washer	(as YB 530)	1...	4...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	10328
511—	Grease nipple, for head ball races		3...	1...	All models	AB68
537—	Bolt, bottom, passing lug on rear down tube					
		(as ZA 7100)	4...	1...	33-5, 33-B6, 33-12	20279
537—	Bolt, passing lug on front down tube	(as ZA 7100)	4...	1...	33-5, 33-B6, 33-12	20279
538—	Bolt, top, passing lug on rear down tube	(as ZB 7090)	4...	1...	33-5, 33-B6, 33-12	15095
539—	Bolt, passing lug on front down tube	(as ZB 7080)	4...	2...	33-6	11474
540—	Bolt, passing lug on front down tube	(as ZB 7040)	4...	2...	33-8, 33-B8, 33-9	15096
541—	Bolt, passing lug on front down tube		4...	2...	33-7, 33-10	16253
640—	Nut, for frame lug bolt	(as ZB 5540)	3...	4...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	2768
640—	Nut, for frame lug bolt	(as ZB 5540)	3...	6...	33-5, 33-B6, 33-12	2768
742—	Bolt, for wheel setting piece clip		1...	2...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	3086
1648—	Nut, for seat lug bolt	(as RA 2910)	3...	1...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	10190
2564—	Nut, for wheel setting piece clip bolt		3...	2...	33-5, 33-7, 33-8, 33-B8,	
					33-9, 33-10	3071

## STAND GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
2601—	Stand, rear		16 0...	1...	33-5, 33-B6, 33-12	20548
2604—	Stand, centre	(as MC 2451)	17 6...	1...	33-6	12209
2605—	Stand, centre	(as MC 2456)	17 6...	1...	33-7, 33-8, 33-B8, 33-9,	
					33-10	16659
2608A—	Stand, front		5 0...	1...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	TFF67
2611—	Bolt, hinge, for rear stand	(as MB 2500)	5...	2...	33-5, 33-B6, 33-12	20130
2612—	Bolt, hinge, for centre stand	(as MC 2461)	7...	2...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	12051
2615—	Nut, for rear stand hinge bolt	(as MB 2560)	4...	2...	33-5, 33-B6, 33-12	20131
2618—	Spring, for centre stand	(as MC 2581)	1 0...	2...	33-6, 33-8, 33-B8,	
					33-9	16914
2618A—	Spring, for centre stand		1 0...	2...	33-7, 33-10	17515
427—	Nut, for front stand hinge bolt	(as YA 4360)	2...	2...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	10485
427—	Nut, for front stand clip bolt	(as YA 4360)	2...	2...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	10485
822—	Bolt, for front stand hinge bolt	(as ZA 8840)	3...	2...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	2752
822—	Bolt, for front stand clip	(as ZA 8840)	3...	1...	33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	2752







## FRONT MUDGUARD GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
2511—Guard, bare	.....		10	0...	1...33-5, 33-B6, 33-12	20659
2512—Guard, bare	.....		1	2	6... 1...33-6, 33-8, 33-B8,	
					33-9	17360
2513—Guard, bare	.....		10	0...	1...33-7, 33-10	17469
2518—Front stay	..... (as MB 221)		1	0...	2...33-5, 33-6, 33-B6, 33-8,	
					33-B8, 33-9, 33-12	16352
2519—Rear stay	.....		1	0...	2...33-5, 33-B6, 33-12	20539
2520—Front stay	.....		1	0...	2...33-7, 33-10	17080
2531—Front number plate	..... (as MB 2800)		1	6...	1...All models	11025
2539—Number plate clip	..... (as MB 2821)			4...	2...All models	3901
2542—Top clip, fixing guard to crown	.....			5...	2...All models	11997
2543—Plate, for top fixing clip	.....			4...	1...All models	11192
2555—Bolt, fixing plate to clip	..... (as MA 380)			3...	2...All models	2753
2555—Bolt, fixing stay to fork end	..... (as MA 380)			3...	2...All models	2753
2555—Bolt, fixing stay to guard	..... (as MA 380)			3...	4...33-5, 33-B6, 33-12	2753
2555—Bolt, fixing stay to guard	..... (as MA 380)			3...	2...33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	2753
2564—Nut, for number plate bolt	..... (as MA 900)			3...	2...All models	3071
2564—Nut, for number plate clip screw	..... (as MA 900)			3...	4...All models	3071
2578—Bolt, securing front stand to guard	..... (as MB 921)			3...	1...All models	16358
2580—Nut, for stand to guard bolt	..... (as MB 922)			2...	1...All models	16356
2582—Bolt, fixing number plate	..... (as WA 1580)			1...	2...All models	16505
46—Washer, spring, for rear stay to fork end bolt	..... (as ZA 6040)			1...	2...33-5, 33-B6, 33-12	2886
430—Nut, for stay to guard bolt	..... (as ZA 6020)			2...	2...33-5, 33-B6, 33-12	10499
430—Nut, for guard to crown clip bolt	..... (as ZA 6020)			2...	1...All models	10499
462—Bolt, for guard to crown clip	..... (as ZB 6630)			4...	1...All models	2885
624—Washer, spring, for plate to clip bolt	..... (as MA 500)			1...	2...All models	2885
624—Washer, spring, for stay to guard bolt	..... (as MA 500)			1...	4...33-5, 33-B6, 33-12	2885
624—Washer, spring, for stay to guard bolt	..... (as MA 500)			1...	2...33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	2885
624—Washer, spring, for stay to guard bolt	..... (as MA 500)			1...	2...33-5, 33-B6, 33-12	2885
742—Screw, securing number plate clip	..... (as MA 840)			1...	4...All models	3086
821—Bolt, fixing rear stay to fork end	..... (as EA 3140)			3...	2...33-5, 33-B6, 33-12	2751
2053—Washer, plain, for plate to clip bolt	..... (as ZB 2730)			1...	2...All models	2878
2053—Washer, plain, for stay to fork end bolt	..... (as ZB 2730)			1...	2...All models	2878
2366—Nut, for plate to clip bolt	..... (as ZB 2720)			2...	2...All models	2770
2366—Nut, for stay to guard bolt	..... (as ZB 2720)			2...	4...33-5, 33-B6, 33-12	2770
2366—Nut, for stay to guard bolt	..... (as ZB 2720)			2...	2...33-6, 33-7, 33-8, 33-B8,	
					33-9, 33-10	2770

## CHAIN CASE AND GUARD GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
3051—Chain case, complete	.....		1 12	6...	1...33-5, 33-B6, 33-12	20575
3052—Chain case, complete	.....		1 13	6...	1...33-6	12302
3053A—Chain case, complete	.....		1 13	6...	1...33-B8	12336
3055—Chain case, complete	.....		1 13	6...	1...33-8, 33-9	12336-10
3055A—Chain case, complete	.....		1 13	6...	1...33-7, 33-10	12336-20
3056—Chain case, back half only	..... (as MA 840)		9	0...	1...33-5, 33-B6, 33-12	20575-6
3057—Chain case, back half only	.....		9	6...	1...33-5	12302-6
3058A—Chain case, back half only	.....		9	6...	1...33-B8	12336-6
3058B—Chain case, back half only	.....		9	6...	1...33-8, 33-9	12336-16
3058C—Chain case, back half only	.....		9	6...	1...33-7, 33-10	12336-26
3061—Chain case fixing pin	.....		2...	3...	All models	17285
3064—Chain case fixing pin lock washer	.....		2...	3...	All models	17286
3067—Chain case, front half only	.....		16	0...	1...33-5, 33-B6, 33-12	20575-1
3068—Chain case, front half only	.....		16	6...	1...33-6, 33-B8	12302-1
3069—Chain case, front half only	.....		16	6...	1...33-8, 33-9	12302-11
3069A—Chain case, front half only	.....		16	6...	1...33-7, 33-10	12336-21
3072—Chain case binding band	.....		5	0...	1...33-5, 33-B6, 33-12	20575-7
3073—Chain case binding band	.....		5	0...	1...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	12302-7
3076—Chain case binding band rubber strip	.....		6...	1...	33-5, 33-B6, 33-12	20575-9
3077—Chain case binding band rubber strip	.....		6...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	12302-9
3080—Chain case binding band screw	.....		2...	1...	All models	16450
3083—Chain case inspection disc	.....		4...	1...	All models	17350
3087—Chain case inspection disc pin	.....		6...	1...	All models	17258
3090—Chain case inspection disc strip	.....		4...	1...	All models	17256
3093—Chain case inspection disc gasket	.....		2...	1...	All models	17364
3096—Chain guard, bare (rear)	.....		8	6...	1...33-5, 33-B6, 33-12	20648
3097—Chain guard, bare (rear)	.....		10	6...	1...33-6, 33-8, 33-B8, 33-9	17362
3099—Chain guard, bare (rear)	.....		10	6...	1...33-7, 33-10	17433
3100—Chain guard front fixing pin (rear)	.....		3...	1...	All models	12327
3101—Chain guard rear fixing pin (rear)	..... (as ZA 7870)		3...	1...	All models	2961
46—Chain guard fixing pin washer (rear)	..... (as ZA 6040)		1...	2...	33-5, 33-B6, 33-7, 33-10, 33-12	2886
624—Chain guard fixing pin washer (rear)	... (as MA 500		1...	2...	33-6, 33-8, 33-B8, 33-9	2885







# TANK SECTION

## COVERING PETROL TANK, OIL TANK, PETROL PIPES AND OIL PIPES.

Note that some speedometer heads are recessed in the top panels of tanks and that tanks are supplied in two finishes and in three types—clearly specify your requirements when ordering.

### PETROL TANK GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
2757LBA—	Tank, black, plain top, for hand change .....		3 0 0...	1...33-5, 33-B6, 33-12		20691-1A
2757LBB—	Tank, black, hole for speedo., for hand change ...		3 5 0...	1...33-5, 33-B6, 33-12		20691-1B
2757LBC—	Tank, black, panel type, for hand change .....		3 10 0...	1...33-5, 33-B6, 33-12		20691-1C
2757LBD—	Tank, black, plain top, for foot change .....		3 0 0...	1...33-B6, 33-12		20691-2A
2757LBE—	Tank, black, hole for speedo., for foot change ...		3 5 0...	1...33-B6, 33-12		20691-2B
2757LBF—	Tank, black, panel type, for foot change .....		3 10 0...	1...33-B6, 33-12		20691-2C
2757LCA—	Tank, plated, plain top, for hand change .....		4 0 0...	1...33-5, 33-B6, 33-12		20591-1D
2757LCB—	Tank, plated, hole for speedo., for hand change..		4 5 0...	1...33-5, 33-B6, 33-12		20591-1E
2757LCC—	Tank, plated, panel type, for hand change .....		4 10 0...	1...33-5, 33-B6, 33-12		20691-1F
2757LCD—	Tank, plated, plain top, for foot change .....		4 0 0...	1...33-B6, 33-12		20691-2D
2757LCF—	Tank, plated, hole for speedo., for foot change ...		4 5 0...	1...33-B6, 33-12		20691-2E
2757LCG—	Tank, plated, panel type, for foot change .....		4 10 0...	1...33-B6, 33-12		20691-2F
2757HBA—	Tank, black, plain top, for hand change .....		3 5 0...	1...33-B8		12292-1A
2757HBB—	Tank, black, hole for speedo., for hand change ...		3 10 0...	1...33-B8		12292-1B
2757HBC—	Tank, black, panel type, for hand change .....		3 15 0...	1...33-B8		12292-1C
2757HBD—	Tank, black, plain top, for foot change .....		3 5 0...	1...33-B8		12292-2A
2757HBE—	Tank, black, hole for speedo., for foot change ...		3 10 0...	1...33-B8		12292-2B
2757HBF—	Tank, black, panel type, for foot change .....		3 15 0...	1...33-B8		12292-2C
2757HCA—	Tank, plated, plain top, for hand change .....		4 5 0...	1...33-6, 33-8, 33-B8, 33-9		12292-1D
2757HCB—	Tank, plated, hole for speedo., for hand change		4 10 0...	1...33-6, 33-8, 33-B8, 33-9		12292-1E
2757HCC—	Tank, plated, panel type, for hand change .....		4 15 0...	1...33-6, 33-8, 33-B8, 33-9		12292-1F
2757HCD—	Tank, plated, plain top, for foot change .....		4 5 0...	1...33-6, 33-8, 33-B8		12292-2D
2757HCE—	Tank, plated, hole for speedo., for foot change ...		4 10 0...	1...33-6, 33-8, 33-B8		12292-2E
2757HCF—	Tank, plated, panel top, for foot change .....		4 15 0...	1...33-6, 33-8, 33-B8		12292-2F
2757CCA—	Tank, plated .....		4 15 0...	1...33-7, 33-10		17392
2763—	Filler cap .....		2 0...	1...33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12		17355
2763A—	Filler cap .....		2 0...	1...33-7, 33-10		17354
2766A—	Knee grip, left .....		2 6...	1...All models		DT4L
2767A—	Knee grip, right .....		2 6...	1...All models		DT4R
2771—	Knee grip plate .....		6...	2...All models		4307
2772—	Knee grip plate bolt .....	(as TB 565)	3...	2...All models		11741
2774—	Bracket, front, for petrol tank .....		1 6...	1...33-5, 33-B6, 33-12		20563
2776—	Fixing stud, for tank .....		4...	2...33-5, 33-B6, 33-12		20617
2777—	Fixing stud, for tank .....	(as TB 141)	4...	4...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10		16417
2779—	Fixing pin, rear for tank .....		4...	1...33-5, 33-B6, 33-12		20632
2781—	Rubber buffer, thin, for tank .....	(as TB 131)	2...	4...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10		16414
2781—	Rubber buffer, thin, for tank .....	(as TB 131)	2...	5...33-5, 33-B6, 33-12		16414
2782—	Rubber buffer, thick, for tank .....	(as TB 121)	2...	4...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10		16413
2784—	Rubber buffer washer, steel .....		2...	4...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10		HT17
2784—	Rubber buffer washer, steel .....		2...	5...33-5, 33-B6, 33-12		HT17
2790—	Petrol tap .....	(as TB 241)	3 0...	1...All models		16527
46—	Washer, for petrol tank bracket bolt ...	(as ZA 6040)	1...	2...33-5, 33-B6, 33-12		2886
429—	Bolt, fixing petrol tank bracket .....		3...	2...33-B6, 33-12		10484
822—	Bolt, fixing petrol tank bracket .....	(as ZA 8840)	3...	2...33-5		2752



## OIL TANK GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
2801—Tank	.....		1 2 6...	1...33-5, 33-B6, 33-12	...20650	
2802—Tank	.....		1 5 0...	1...33-6, 33-8, 33-B8,	.....17329	
2804—Tank	.....		1 7 6...	1...33-7, 33-10	.....17456	
2806—Filler cap	.....		1 6...	1...33-5, 33-6, 33-B6, 33-8,	.....17352	
2806A—Filler cap	.....		2 6...	1...33-7, 33-10	.....17353	
2807—Outlet connection with filter	.....		2 3...	1...All models	.....L3E287	
2812—Pin, fixing tank	..... (as TA 140)		2...	4...33-5, 33-B6, 33-12	...15999	
2816—Tank fixing strip	.....		3...	2...33-5, 33-B6, 33-12	...20540	
2817—Tank fixing strip felt pad	..... (as TA 440)		1...	4...33-5, 33-B6, 33-12	...11859	
2820—Oil filter	.....		2 6...	1...33-7, 33-10	.....D5T571	
2821—Oil filter cap	.....		1 6...	1...33-7, 33-10	.....D5T577	
2822—Oil filter cap washer	.....		2...	1...33-7, 33-10	.....D5T572	
2823—Oil filter spring	.....		4...	1...33-7, 33-10	.....D5T576	
2824—Oil filter spring cap	.....		1 0...	1...33-7, 33-10	.....D5T573	
2825—Tank fixing strip washer	.....		1...	4...33-5, 33-B6, 33-12	...20445	
46—Washer, spring, for fixing pin	..... (as ZA 6040)		1...	4...33-6, 33-7, 33-8, 33-B8,	.....2886	
624—Washer, spring, for fixing pin	..... (as MA 500)		1...	4...33-5, 33-B6, 33-12	...2885	
821—Tank fixing pin	..... (as RA 3140)		3...	4...33-6, 33-8, 33-B8,	.....2751	
821—Tank fixing pin, bottom	..... (as RA 3140)		3...	2...33-7, 33-10	.....2751	
822—Tank fixing pin, top	..... (as ZA 8840)		3...	2...33-7, 33-10	.....2752	

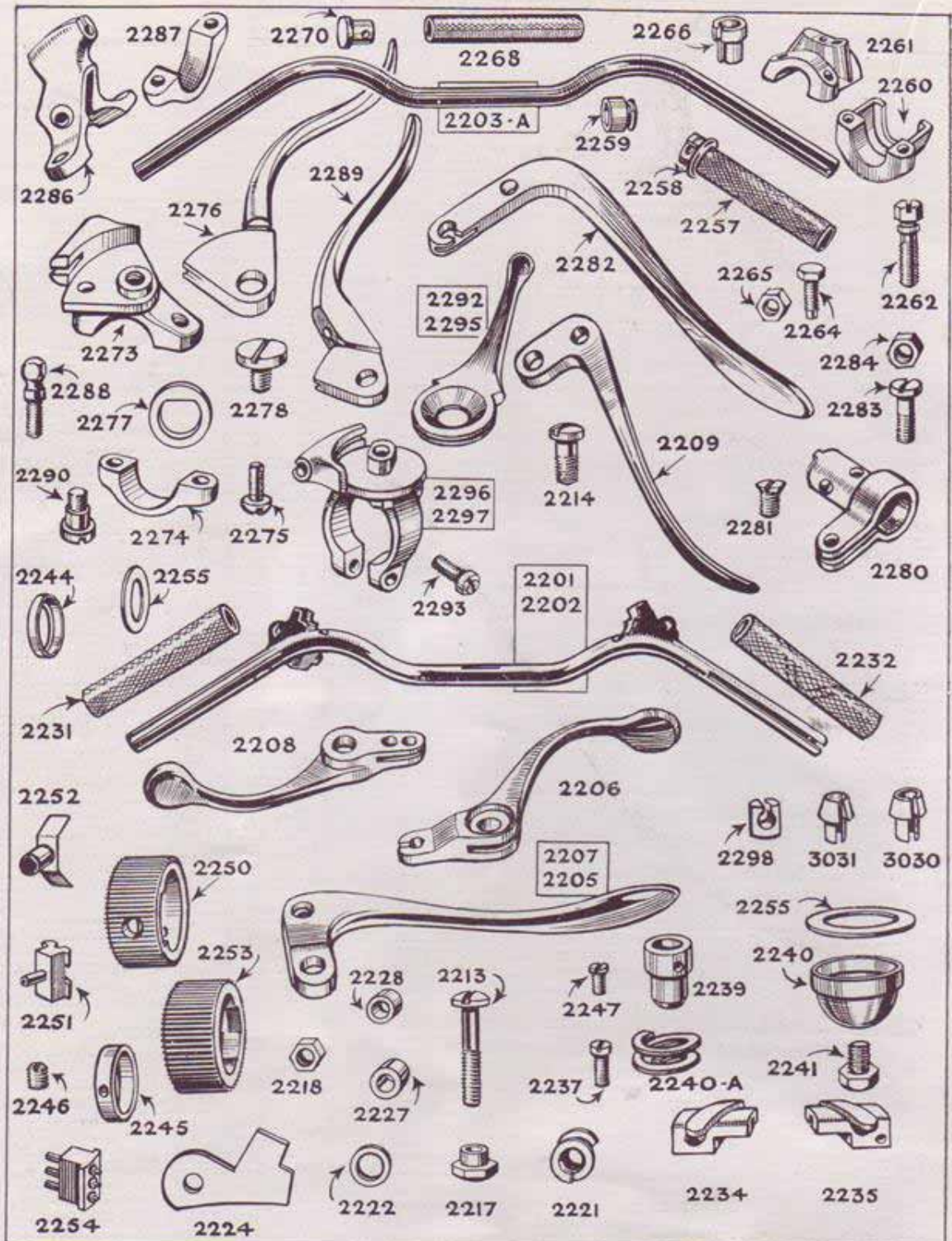
## PIPE GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
2851A—Petrol pipe, 1"	.....		3 9...	1...33-5	.....20704	
2852—Petrol pipe, 1"	.....		3 9...	1...33-B6, 33-12	.....20658	
2855—Petrol pipe, 1"	.....		3 9...	1...33-8	.....17337	
2857—Petrol pipe, 1"	.....		3 9...	1...33-9	.....17338	
2858—Petrol pipe, 1"	.....		3 9...	1...33-6, 33-B8	.....12245	
2860A—Petrol pipe, 1" (tank end)	.....		3 9...	1...33-7, 33-10	.....17461-1	
2850B—Petrol pipe, 1" (carburettor end)	.....		3 9...	1...33-7, 33-10	.....17461-2	
2861—Petrol tank, 1" U pipe	.....		3 6...	1...33-5, 33-B6, 33-12	...20657	
2862—Petrol tank, 1" U pipe	.....		4 0...	1...33-6, 33-8, 33-B8,	.....12241	
2864—Petrol tank 1" U pipe	.....		4 0...	1...33-7, 33-10	.....17460	
2865—Oil feed pipe, tank end, 5/16"	.....		1 3...	1...33-7, 33-10	.....17462	
2865A—Oil return pipe, tank end, 5/16"	.....		1 3...	1...33-7, 33-10	.....17465	
2866—Oil feed pipe, pump end, 5/16"	.....		1 3...	1...33-7, 33-10	.....17463	
2866A—Oil return pipe, pump end, 5/16"	.....		1 3...	1...33-7, 33-10	.....17464	
2867—Oil feed pipe, tank end, 5/16"	.....		1 3...	1...33-6, 33-B6, 33-12	...20652	
2867A—Oil return pipe, tank end, 5/16"	.....		1 3...	1...33-6, 33-B6, 33-12	...20654	
2869—Oil return pipe, pump end, 5/16"	.....		1 3...	1...33-5, 33-B6, 33-12	...20653	
2869A—Oil feed pipe, pump end, 5/16"	.....		1 3...	1...33-5, 33-B6, 33-12	20653A	
2871—Oil feed pipe, tank end, 5/16"	.....		1 3...	1...33-6, 33-8, 33-B8,	.....17331	
2871A—Oil return pipe, tank end, 5/16"	.....		1 3...	1...33-6, 33-8, 33-B8,	.....17334	
2872—Oil feed pipe, pump end, 5/16"	.....		1 3...	1...33-6, 33-8, 33-B8,	.....17332	
2873—Oil return pipe, pump end, 5/16"	.....		1 3...	1...33-6, 33-8, 33-B8,	.....17335	
2876A—Oil feed pipe, pump to crankcase, 5/16"	.....		2 0...	1...33-7, 33-10	.....17466	
2876B—Oil feed pipe, pump to rocker box, pump end, 5/16"	.....		1 3...	1...33-7, 33-10	.....17471-1	
2876C—Oil feed pipe, pump to rocker box, box end, 5/16"	.....		1 3...	1...33-7, 33-10	.....17471-2	
2876D—Oil feed pipe, rocker box to inlet guide, 3/16"	.....		2 0...	1...33-7	.....12359	
2876E—Oil feed pipe, rocker box to inlet guide, 3/16"	.....		2 0...	1...33-10	.....17444	
2876F—Oil feed pipe, rocker box to exhaust guide, 3/16"	.....		2 0...	1...33-7	.....12360	
2876G—Oil feed pipe, rocker box to exhaust guide, 3/16"	.....		2 0...	1...33-10	.....17445	
2876H—Oil return pipe, sump to pump, 5/16"	.....		2 9...	1...33-7, 33-10	.....17468	
2876J—Oil return pipe, rocker box to cam pump, 1"	.....		1 9...	1...33-7, 33-10	.....17467	
2877—Rubber connection for oil pipes, long	..... (as TA 880)		8...	2...All models	.....12089-2	
2878—Rubber connection for oil pipes, short	..... (as TB 885)		6...	2...33-6, 33-8, 33-B8,	.....12089-1	
2878A—Rubber connection for rocker box oil pipe	.....		8...	1...33-7, 33-10	.....17586	
2878B—Rubber connection for petrol pipe	.....		6...	1...33-7, 33-10	.....17557	
390A—Banjo pin, for oil feed pipe (screws into pump)	.....		1 0...	1...33-6, 33-8, 33-B8,	.....PJ50	
390A—Banjo pin, for sump to pump pipe (screws into pump)	.....		1 0...	1...33-7, 33-10	.....PJ50	
2880—Banjo pin, for pump to crankcase pipe (screws into crankcase)	.....		10...	1...33-7, 33-10	.....17406	
2882—Banjo pin, for release pipe (screws into chain cover)	..... (as TA 1000)		1 0...	1...33-7, 33-10	.....11501	
2786A—Banjo pin, for petrol U pipe (screws into tank)	..... (as TC 785)		10...	1...33-6, 33-7, 33-8, 33-B8,	.....16871	
337—Banjo pin, for sump to pump pipe (screws into sump filter)	..... (as TA 1020)		11...	1...33-7, 33-10	.....16191	



Serial Number	Name	Interchangeability	Price each	No. to a Set	Used on	Drawing Number
			£ s. d.			
2883—	Fibre washer, for cam pump oil return pipe nipple ...		2...	1...	33-7, 33-10	PJN1
397—	Fibre washer, 7/16" (large) for banjo union		2...	R...	All models	11503
398—	Fibre washer, 1/2" (small) for banjo union (as TC 810)		2...	R...	All models	11504
2807—	Union and filter for oil feed pipe (screws into oil tank)		2	3...	1...All models	L3E287
2885A—	Union for oil pipe, pump to rocker box (screws into box)		3...	1...	33-7, 33-10	11505
2885A—	Union for oil pipe, pump to rocker box (screws into pump)		3...	1...	33-7, 33-10	11505
2885A—	Union for petrol U pipe (screws into tank)		3...	1...	33-5, 33-B6, 33-12	11505
512—	Union for oil pipe, rocker box to cam pump (screws into box)		10...	1...	33-7, 33-10	17507
513—	Union for oil pipe, rocker box to guide (screws into box)		8...	2...	33-7, 33-10	17433
29—	Union for oil pipe, rocker box to guide (screws into guide)		4...	2...	33-7, 33-10	CE47
2893—	Union for release pipe (screws into timing case)		10...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	16647
388—	Union for oil return pipe (screws into oil tank)		6...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	L3E247
388—	Union for oil feed pipe (screws into pump)		6...	1...	33-5, 33-B6, 33-7, 33-10, 33-12	L3E247
388—	Union for oil return pipe (screws into pump)		6...	1...	All models	L3E247
388—	Union for oil pipe (screws into pump)		6...	1...	33-7, 33-10	L3E247
2889—	Nut, for sump to pump pipe banjo pin		4...	1...	33-7, 33-10	17446
391—	Nut, for oil feed pipe banjo pin (as TA 800)		5...	1...	33-6, 33-8, 33-B8	
391—	Nut, for pump to crankcase pipe banjo pin (as TA 800)				33-9	11818
2892—	Release pipe, 1"		5...	1...	33-7, 33-10	11818
2894—	Release pipe, 1"		1	3...	1...33-6, 33-8, 33-B8, 33-9	16759
2895—	Release pipe, 5/16"		1	3...	1...33-5, 33-B6, 33-12	20651
2900—	Nipple, for oil return pipe, rocker box to cam pump, pump end		1	3...	1...33-7, 33-10	17449
2901—	Nipple, for oil return pipe, rocker box to cam pump		3...	1...	33-7, 33-10	PJN2
2901—	Nipple, for release pipe		3...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	4L4
2901—	Nipple, for petrol U pipe		3...	1...	33-5, 33-B6, 33-12	4L4
2901—	Nipple, for petrol pipe, tank end		3...	1...	All models	4L4
2903—	Nipple, for oil feed pipe, tank end		3...	1...	All models	5L5
2903—	Nipple, for oil feed pipe, pump end		3...	1...	33-5, 33-B6, 33-7, 33-10, 33-12	5L5
2903—	Nipple, for oil return pipe, tank end		3...	1...	All models	5L5
2903—	Nipple, for oil return pipe, pump end		3...	1...	All models	5L5
2903—	Nipple for oil feed pipe, pump to crankcase		3...	1...	33-7, 33-10	5L5
2903—	Nipple, for oil feed pipe, pump to rocker box, pump end		3...	1...	33-7, 33-10	5L5
2903—	Nipple, for oil feed pipe, pump to rocker box, box end		3...	1...	33-7, 33-10	5L5
2904—	Nipple, for oil feed pipe, rocker box to guide		3...	4...	33-7, 33-10	3L3
2905—	Nipple, for petrol pipe, carburettor end (as TC 750)		3...	1...	All models	16949
2910—	Banjo union, for petrol U pipe (as TA 780)		8...	1...	33-5, 33-B6, 33-12	16190
2910—	Banjo union, for petrol U pipe (as TA 780)		8...	2...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16190
390—	Banjo union, for oil return pipe, tank end (as TA 980)		8...	1...	33-6, 33-8, 33-B8, 33-9	11500
390—	Banjo union, for oil return pipe, sump to pump (as TA 980)		8...	2...	33-7, 33-10	11500
390—	Banjo union, for oil feed pipe, pump to crankcase (as TA 980)		8...	1...	33-7, 33-10	11500
390—	Banjo union, for release pipe (as TA 980)		8...	1...	33-7, 33-10	11500
2922—	Union nut, for oil feed pipe, tank end		4...	1...	All models	5N5
2922—	Union nut, for oil feed pipe, pump end		4...	1...	33-5, 33-B6, 33-7, 33-10, 33-12	5N5
2922—	Union nut, for oil return pipe, tank end		4...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	5N5
2922—	Union nut, for oil return pipe, pump end		4...	1...	All models	5N5
2922—	Union nut, for oil feed pipe, pump to crankcase		4...	1...	33-7, 33-10	5N5
2922—	Union nut, for oil feed pipe, pump to rocker box, pump end		4...	1...	33-7, 33-10	5N5
2922—	Union nut, for oil feed pipe, pump to rocker box, box end		4...	1...	33-7, 33-10	5N5
2925—	Union nut, for oil return pipe, rocker box to cam pump		4...	1...	33-7, 33-10	4N4
2925—	Union nut, for release pipe		4...	1...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	4N4
2925—	Union nut, for petrol U pipe		4...	1...	33-5, 33-B6, 33-12	4N4
2925—	Union nut, for petrol pipe, tank end		4...	1...	All models	4N4
2926—	Union nut, for oil feed pipe, rocker box to guide		4...	4...	33-7, 33-10	3N5
2927—	Union nut, for petrol pipe, carburettor end (as TC 770)		4...	1...	All models	16948
2930—	Gland nut, for oil return pipe, tank end		4...	1...	33-7, 33-10	D6E543
2931—	Gland nut, for oil return pipe, rocker box to cam pump		4...	1...	33-7, 33-10	PJN2A





WHEN EXTENSIVE STRUCTURAL REPAIRS ARE REQUIRED OWNERS ARE STRONGLY ADVISED TO SEND THEIR MACHINES TO THE FACTORY, WHERE A SPECIAL REPAIR DEPARTMENT IS MAINTAINED. IT IS OBVIOUS THAT THE MANUFACTURERS ARE IN THE BEST POSITION TO UNDERTAKE REPAIRS OF THAT DESCRIPTION.



# CONTROL SECTION

## COVERING HANDLEBARS, CONTROL LEVERS, CABLES AND SADDLES.

### HANDLEBAR GROUP.

Models 33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
2201—	Handlebar, bare .....		1 0 0...	1...33-5, 33-B6, 33-12	...	20681
2202—	Handlebar, bare .....		1 0 0...	1...33-6, 33-8, 33-B8, 33-9		12345
2205—	Front brake lever .....	(as TC 1865)	4 6...	1...All models stated above		B2205
2206—	Air control lever .....	(as TC 2178)	4 6...	1...Ditto .....		B2206
2207—	Clutch control lever .....	(as TC 1865)	4 6...	1...Ditto .....		B2207
2208—	Ignition control lever .....	(as TC 2163)	4 6...	1...Ditto .....		B2208
2209—	Exhaust lifter lever .....	(as TC 1923)	4 6...	1...Ditto .....		B2209
2213—	Fulcrum screw, for twin lever assembly (long) .....		5...	2...Ditto .....		B2213
2214—	Fulcrum screw, for single lever assembly (short) .....		5...	1...Ditto .....		B2214
2217—	Nut, for long fulcrum screw .....	(as TC 1919)	4...	2...Ditto .....		B2217
2218—	Nut, lock, for long fulcrum screw .....	(as TC 1939)	2...	2...Ditto .....		B2218
2218—	Nut, lock, for short fulcrum screw .....	(as TC 1939)	2...	1...Ditto .....		B2218
2221—	Spring washer, for long fulcrum screw .....		1...	2...Ditto .....		B2221
2222—	Plain washer, for long fulcrum screw .....	(as TC 1919)	1...	2...Ditto .....		B2222
2224—	Dividing plate (between levers) .....		3...	2...Ditto .....		B2224
2227—	Bush, for clutch lever .....		3...	1...Ditto .....		B2227
2227—	Bush, for brake lever .....		3...	1...Ditto .....		B2227
2228—	Bush, for air lever .....		3...	1...Ditto .....		B2228
2228—	Bush, for ignition lever .....		3...	1...Ditto .....		B2228
2231—	Dummy grip, for left side of handlebar .....	(as TC 1630)	2 3...	1...Ditto .....		B2231
2232—	Twist grip sleeve, with rubber, for right side of handlebar .....	(as TC 1681)	3 3...	1...Ditto .....		B2232
2234—	Twist grip cable slide, for outer casing .....	(as TC 1741)	1 9...	1...Ditto .....		B2234
2235—	Twist grip cable slide, for inner cable .....	(as TC 1745)	1 9...	1...Ditto .....		B2235
2237—	Screw, for cable slide (retaining casing or wire) .....	(as TC 1748)		1... 2...Ditto .....		B2237
2239—	Handlebar end plug .....	(as TC 1771)	2 0...	2...Ditto .....		B2239
2240—	Handlebar end cap .....	(as TC 1767)	1 0...	2...Ditto .....		B2240
2240A—	Spring, washer, for handlebar end cap .....		2...	2...Ditto .....		B2240A
2241—	Bolt, securing end cap .....	(as TC 1769)	5...	2...Ditto .....		B2241
2244—	Ferrule, for inside end of grip .....	(as TC 1761)	4½...	2...Ditto .....		B2244
2245—	Locating ring, for grip .....	(as TC 1765)	1 0...	2...Ditto .....		B2245
2246—	Grub screw, for locating ring .....	(as TC 1773)	1...	2...Ditto .....		B2246
2247—	Screw, locating grips and end plugs .....		2...	2...Ditto .....		B2247
2247—	Screw, locating horn switch ring .....		2...	1...Ditto .....		B2247
2250—	Horn switch ring .....		2 0...	1...33-6, 33-8, 33-B8, 33-9		B2250
2251—	Horn switch contact block .....		1 6...	1...33-6, 33-8, 33-B8, 33-9		B2251
2252—	Horn switch press button .....		9...	1...33-6, 33-8, 33-B8, 33-9		B2252
2253—	Dipping switch ring .....		2 6...	1...All models .....		B2253
2254—	Dipping switch contact block .....		2 0...	1...All models .....		B2254
2255—	Thrust washer, for horn switch .....		1...	2...33-6, 33-8, 33-B8, 33-9		B2255
2255—	Thrust washer, for dipping switch .....		1...	2...All models .....		B2255
2298—	Swivel, for lever .....		4...	2...All models .....		B2298

### HANDLEBAR GROUP.

Models 33-7, 33-10.

Serial Number.	Name.	Price each.	No. to a Set.	Used on.	Drawing Number.
		£ s. d.			
2203A—	Handlebar, bare .....	12 6...	1...33-7, 33-10	.....	17412
2256—	Twist grip, complete .....	12 6...	1...33-7, 33-10	.....	16-005A8
2257—	Twist grip rubber grip .....	1 0...	1...33-7, 33-10	.....	16-005
2258—	Twist grip sleeve .....	3 6...	1...33-7, 33-10	.....	16-002-3
2259—	Twist grip sleeve end cap .....	4...	1...33-7, 33-10	.....	16-015
2260—	Twist grip clip, bottom half .....	3 0...	1...33-7, 33-10	.....	16-007
2261—	Twist grip clip, top half .....	3 0...	1...33-7, 33-10	.....	16-006
2262—	Twist grip clip, clamping screw .....	3...	2...33-7, 33-10	.....	16-012
2263—	Twist grip friction spring .....	6...	1...33-7, 33-10	.....	16-008



Serial Number.	Name.	Price each.	No. to a Set.	Used on.	Drawing Number.
		£ s. d.			
2264	Twist grip friction spring adjusting screw	4...	1...	33-7, 33-10	16-009
2265	Twist grip friction spring adjusting screw lock nut	2...	1...	33-7, 33-10	16-010
2266	Twist grip cable stop	4...	1...	33-7, 33-10	16-011
2267	Dummy grip, complete	2	6...	1...33-7, 33-10	11-033A8
2268	Dummy grip rubber grip	1	6...	1...33-7, 33-10	11-033
2269	Dummy grip rubber grip end caps	4...	2...	33-7, 33-10	11-032
2270	Dummy grip end plug	4...	1...	33-7, 33-10	11-036
2271	Dummy grip end plug locating screw	1...	1...	33-7, 33-10	11-036A
2272	Clutch lever, complete	7	6...	1...33-7, 33-10	4320
2273	Clutch lever body	4	0...	1...33-7, 33-10	4321
2274	Clutch lever body clip	1	4...	1...33-7, 33-10	4322
2275	Clutch lever body clip screw	1...	2...	33-7, 33-10	4323
2276	Clutch lever only	3	4...	1...33-7, 33-10	4324
2277	Clutch lever retaining washer	1...	1...	33-7, 33-10	4325
2278	Clutch lever retaining screw	4...	1...	33-7, 33-10	4326
2279	Front brake lever, complete (inverted type)	3	0...	1...33-7, 33-10	4360
2280	Front brake lever body	1	4...	1...33-7, 33-10	4361
2281	Front brake lever body locating screw	1...	1...	33-7, 33-10	4362
2282	Front brake lever only	1	8...	1...33-7, 33-10	4363
2283	Front brake lever fulcrum screw	2...	1...	33-7, 33-10	4364
2284	Front brake lever fulcrum screw nut	1...	1...	33-7, 33-10	4365
2285	Valve lifter lever, complete	6	0...	1...33-7, 33-10	4330
2286	Valve lifter lever body	3	9...	1...33-7, 33-10	4331
2287	Valve lifter lever body clip	1	4...	1...33-7, 33-10	4332
2288	Valve lifter lever body clip screw	1...	2...	33-7, 33-10	4333
2289	Valve lifter lever only	2	11...	1...33-7, 33-10	4334
2290	Valve lifter lever fulcrum screw	3...	1...	33-7, 33-10	4335
2284	Valve lifter lever fulcrum screw nut	1...	1...	33-7, 33-10	4365
2291	Ignition control lever, complete	3	0...	1...33-7, 33-10	4030
2295	Ignition control lever body with clip	2	7...	1...33-7, 33-10	4031
2292	Ignition control lever only	1	2...	1...33-7, 33-10	4032
2293	Ignition control lever body clip screw	2...	1...	33-7, 33-10	4033
2294	Air control lever, complete	3	0...	1...33-7, 33-10	4034
2298	Air control lever body with clip	2	7...	1...33-7, 33-10	4035
2295	Air control lever only	1	2...	1...33-7, 33-10	4036
2293	Air control lever body clip screw	2...	1...	33-7, 33-10	4033

## CONTROL CABLE GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
2951	Front brake cable, complete, with spring box		3	6...	1...33-5, 33-B6, 33-12	B2951
2952	Front brake cable, complete, with adjuster and yoke end		2	6...	1...33-6, 33-8, 33-B8, 33-9	B2952
2952A	Front brake cable, complete, with adjuster and yoke end		2	6...	1...33-7, 33-10	B2952A
2955	Front brake cable, outer only, with thimbles		2	5...	1...33-5, 33-B6, 33-12	B2955
2956	Front brake cable, outer only, with thimbles		1	4...	1...33-6, 33-8, 33-B8, 33-9	B2956
2955A	Front brake cable, outer only, with thimbles		1	4...	1...33-7, 33-10	B2956A
2959	Front brake cable, inner only, with nipples		8...	1...	33-5, 33-B6, 33-12	B2959
2960	Front brake cable, inner only, with nipples		8...	1...	33-6, 33-8, 33-B8, 33-9	B2960
2960A	Front brake cable, inner only, with nipples		8...	1...	33-7, 33-10	B2960A
2963	Valve lifter cable, complete		3	0...	1...All models except 33-7, 33-10	B2963
2963A	Valve lifter cable, complete		3	0...	1...33-7, 33-10	B2963A
2966	Valve lifter cable, outer only, with thimbles		2	0...	1...All models except 33-7, 33-10	B2966
2966A	Valve lifter cable, outer only, with thimbles		2	0...	1...33-7, 33-10	B2966A
2969	Valve lifter cable, inner only, with nipples		9...	1...	All models except 33-7, 33-10	B2969
2969A	Valve lifter cable, inner only, with nipples		9...	1...	33-7, 33-10	B2969A
2972	Valve lifter cable adjuster stop (as TC 3725)		5...	1...	All models	16883
2975	Valve lifter cable adjuster stop lock nut (as TC 3735)		4...	1...	All models	16884
2978	Valve lifter cable spring (as WB 2760)		2...	1...	All models	16490
2981	Valve lifter cable armoured sleeve		3...	1...	33-5, 33-B6, 33-12	HE36A
2984	Ignition cable, outer and inner, complete		3	0...	1...33-5, 33-B6, 33-12	B2984
2985	Ignition cable, outer and inner, complete		3	3...	1...33-6, 33-8, 33-B8, 33-9	B2985
2985A	Ignition cable, outer and inner, complete		3	3...	1...33-7, 33-10	B2985A
2988	Ignition cable, outer only, with thimbles		2	0...	1...33-5, 33-B6, 33-12	B2988
2989	Ignition cable, outer only, with thimbles		2	4...	1...33-6, 33-8, 33-B8, 33-9	B2989
2989A	Ignition cable, outer only, with thimbles		2	4...	1...33-7, 33-10	B2989A
2992	Ignition cable, inner only, with one nipple		7...	1...	33-5, 33-B6, 33-12	B2992
2993	Ignition cable, inner only, with one nipple		8...	1...	33-6, 33-8, 33-B8, 33-9	B2993
2993A	Ignition cable, inner only, with one nipple		8...	1...	33-7, 33-10	B2993A

THE PRICES OF SPARES DO NOT INCLUDE CARRIAGE.

SUPPLIES OF ORDER FORMS ARE SENT GRATIS ON DEMAND.



Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
2996A	Clutch cable complete, for foot change boxes	.....	4	9...	1...33-6, 33-8, 33-B8, 33-9	B2996A
2996B	Clutch cable complete, for hand change boxes	.....	4	9...	1...33-6, 33-8, 33-B8, 33-9	B2996B
2996C	Clutch cable complete, 3-speed boxes	.....	4	9...	1...33-5	B2996C
2996D	Clutch cable complete, 4-speed boxes	.....	4	9...	1...33-5, 33-B6, 33-12	B2996D
2996E	Clutch cable complete	.....	4	9...	1...33-7, 33-10	B2996E
2997A	Clutch cable, outer only, with thimbles, for foot change boxes	.....	3	0...	1...33-6, 33-8, 33-B8, 33-9	B2997A
2997B	Clutch cable, outer only, with thimbles, for hand change boxes	.....	3	0...	1...33-6, 33-8, 33-B8, 33-9	B2997B
2997C	Clutch cable, outer only, with thimbles, 3 and 4-speed boxes	.....	3	0...	1...33-5, 33-B6, 33-12	B2997C
2997E	Clutch cable, outer only, with thimbles	.....	3	0...	1...33-7, 33-10	B2997E
2999A	Clutch cable, inner only, with nipples, for foot change boxes	.....	1	2...	1...33-6, 33-8, 33-B8, 33-9	B2999A
2999B	Clutch cable, inner only, with nipples, for hand change boxes	.....	1	2...	1...33-6, 33-8, 33-B8, 33-9	B2999B
2999C	Clutch cable, inner only, with nipples, 3-speed boxes	.....	1	2...	1...33-5	B2999C
2999D	Clutch cable, inner only, with nipples, 4-speed boxes	.....	1	2...	1...33-5, 33-B6, 33-12	B2999D
2999E	Clutch cable, inner only, with nipples	.....	1	2...	1...33-7, 33-10	B2999E
3001	Clutch cable adjuster stop	(as TB 3721)	1	0...	1...All models	3865
3003	Clutch cable adjuster stop lock nut	(as TB 3731)	4...	1...	All models	3866
3006	Air cable, complete	.....	5	0...	1...33-5, 33-B6, 33-12	B3006
3007	Air cable, complete	.....	5	0...	1...33-6, 33-8, 33-B8, 33-9	B3007
3007A	Air cable, complete	.....	5	0...	1...33-7, 33-10	B3007A
3010	Air cable, outer only, with thimbles	.....	3	0...	1...33-5, 33-B6, 33-12	B3010
3011	Air cable, outer only, with thimbles	.....	3	0...	1...33-6, 33-8, 33-B8, 33-9	B3011
3011A	Air cable, outer only, with thimbles	.....	3	0...	1...33-7, 33-10	B3011A
3014	Air cable, inner only, with nipples	.....	1	3...	1...33-5, 33-B6, 33-12	B3014
3015	Air cable, inner only, with nipples	.....	1	3...	1...33-6, 33-8, 33-B8, 33-9	B3015
3015A	Air cable, inner only, with nipples	.....	1	3...	1...33-7, 33-10	B3015A
3018	Throttle cable, complete	.....	5	0...	1...33-5, 33-B6, 33-12	B3018
3019	Throttle cable, complete	.....	5	0...	1...33-6, 33-8, 33-B8, 33-9	B3019
3019A	Throttle cable, complete	.....	5	0...	1...33-7, 33-10	B3019A
3022	Throttle cable, outer only, with thimbles	.....	3	0...	1...33-5, 33-B6, 33-12	B3022
3023	Throttle cable, outer only, with thimbles	.....	3	0...	1...33-6, 33-8, 33-B8, 33-9	B3023
3023A	Throttle cable, outer only, with thimbles	.....	3	0...	1...33-7, 33-10	B3023A
3026	Throttle cable, inner only, with nipples	.....	1	3...	1...33-5, 33-B6, 33-12	B3026
3027	Throttle cable, inner only, with nipples	.....	1	3...	1...33-6, 33-8, 33-B8, 33-9	B3027
3027A	Throttle cable, inner only, with nipples	.....	1	3...	1...33-7, 33-10	B3027A
3030	Cable stop, for handlebar, large	.....	4...	R...	All models except 33-7, 33-10	B3030
3031	Cable stop, for handlebar, small	.....	4...	R...	All models except 33-7, 33-10	B3031

## SADDLE GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
3201—Saddle	.....		1	5	0... 1...33-5, 33-B6, 33-12	20688
3202A—Saddle	.....		1	7	6... 1...33-5, 33-8, 33-B8, 33-9	17454
3202B—Saddle	.....		1	7	6... 1...33-7, 33-10	17455
3205A—Saddle spring	.....		6	2	33-5, 33-B6, 33-12	20688-1
3205B—Saddle spring	.....		9	2	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	17454-1
3209—Saddle nose bolt	.....		4	1	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	12223
3212—Saddle nose bolt nut	.....		2	1	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	10600
3215—Saddle pillar, complete	..... (as RB 2741)		6	6	1...33-5, 33-B6, 33-12	16347-1
3216—Saddle pillar plug	..... (as RB 2801)		6	1	33-5, 33-B6, 33-12	16442
3217—Saddle pillar drawbolt	..... (as RB 2761)		1	6	1...33-5, 33-B6, 33-12	16441
3219—Saddle pillar, bare	.....		4	6	1...33-5, 33-B6, 33-12	16347
46—Washer, for saddle adjusting pin	..... (as ZA 6040)		1	2	33-6, 33-8, 33-B8, 33-9	2886
429—Rear adjusting pin for saddle, with High exhaust pipes	..... (as ZB 6000)		3	1	33-B8	10484
429—Rear adjusting pin for saddle, with High exhaust pipes	..... (as ZB 6000)		3	2	33-6, 33-8	10484
430—Nut, for saddle rear adjusting pin	.....		2	2	33-6, 33-8, 33-B8, 33-9	10499
822—Rear adjusting pin, for saddle	..... (as ZA 8840)		3	2	33-6, 33-8, 33-B8, 33-9	2752
822—Rear adjusting pin, for saddle	..... (as ZA 8840)		3	1	33-B8	2752







# EQUIPMENT SECTION

COVERING TOOL BOXES, TOOLS, INSTRUMENT PANELS,  
LAMPS, ACCUMULATORS AND LAMP BRACKETS.

## TOOL BOX GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
2701—Tool box	.....		8	9...	1...33-5, 33-B6, 33-12	20642
2702—Tool box	.....		8	9...	1...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	17344
2705—Clip, for box	.....		3...	3...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	20645
2705—Clip, for box, bottom	.....		3...	2...	33-5, 33-B6, 33-12	20645
2706—Clip, for box, top	.....		3...	1...	33-5, 33-B6, 33-12	20643
2709—Plate, for box clip	.....		3...	3...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	20646
2709—Plate, for box bottom clip	.....		3...	2...	33-5, 33-B6, 33-12	20646
2710—Plate, for box top clip	.....		3...	1...	33-5, 33-B6, 33-12	20644
2711—Wood packing strip	.....		1...	2...	33-5, 33-B6, 33-12	20647
2712—Wood packing strip	.....		1...	2...	33-6, 33-8, 33-B8, 33-9	12083
2713—Wood packing strip, rear	..... (as MB 3340)		2...	2...	33-7, 33-10	12083-1
2714—Wood packing strip, front	.....		2...	1...	33-7, 33-10	12083-2
624—Washer, spring, for box fixing bolt	..... (as MA 500)		1...	4...	33-5, 33-B6, 33-12	2885
2053—Washer, plain, for box fixing bolt	..... (as ZB 2730)		1...	6...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	2878
2366—Nut, for box fixing bolt	..... (as ZB 2720)		2...	6...	All models	2770
2555—Bolt, fixing box, bottom	..... (as MA 380)		3...	4...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	2753
2555—Bolt, fixing box, rear top and bottom	..... (as MA 380)		3...	4...	33-7, 33-10	2753
2573—Bolt, fixing box, top	..... (as MA 400)		3...	2...	33-5, 33-6, 33-B6, 33-8, 33-B8, 33-9, 33-12	10318
2574A—Bolt, fixing box, front	.....		3...	2...	33-7, 33-10	2824

## TOOL GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
3251—Hub locknut spanner	..... (as XB 3001)		1	9...	1...All models	11717
3252— $\frac{1}{2}$ "x $\frac{3}{16}$ " Whitworth spanner	..... (as XB 2900)		10...	1...	All models	3263
3253— $\frac{1}{2}$ "x $\frac{5}{16}$ " Whitworth spanner	..... (as XB 2880)		1	3...	1...All models	3262
3254— $\frac{1}{2}$ "x $\frac{7}{16}$ " Whitworth spanner	..... (as XB 2860)		1	6...	1...All models	3261
3255—Adjustable wrench	..... (as XB 3060)		4	6...	1...All models	3269
3256—Pliers	..... (as XB 2740)		2	9...	1...All models	3270
3257—Pliers, for gudgeon pin rings	.....		6...	1...	All models	11024
3258—Screwdriver	..... (as XB 2940)		9...	1...	All models	3274
3259—Tyre lever	..... (as XA 2980)		3...	2...	All models	3271
3260—Magneto spanner	.....		4...	1...	All models	1TK5
3261—Grease gun	.....		4	0...	1...All models	L3TK20
3264—Valve cap spanner	..... (as XB 2780)		3	6...	1...33-5, 33-9	2705
3265—Valve extractor hook	..... (as XB 2820)		10...	1...	33-5, 33-9	4088
3266—Gear box adjusting spanner, with rod	..... (as XA 3220)		9...	1...	33-5, 33-B6, 33-12	11760
3267A—Gear box adjusting spanner	.....		1	6...	1...33-6, 33-8, 33-B8, 33-9	3261B
3268—Tappet enclosing tube spanner	..... (as XA 3140)		4...	1...	33-6, 33-B6, 33-8, 33-B8, 33-12	16087
3269—Hub sleeve box spanner	..... (as XB 3120)		1	9...	1...33-6, 33-8, 33-B8, 33-9	3266
3270A—Tappet adjusting spanner	.....		4...	1...	33-6, 33-7, 33-B6, 33-8, 33-B8, 33-10, 33-12	12383
3271—Wheel setting gauge	..... (as XB 3310)		7...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16488
3281—Valve extractor	..... (as XB 3340)		5	9...	1...33-6, 33-B6, 33-8, 33-B8, 33-12	11533
3282—Valve grinding tool	.....		6...	1...	33-6, 33-8, 33-B8	11520
3282A—Valve grinding tool	.....		6...	1...	33-B6, 33-12	12337
3283—Tappet tube extractor	..... (as XA 3380)		1	0...	1...33-6, 33-B6, 33-8, 33-B8, 33-12	16118
3288—Hub sleeve box spanner	..... (as XB 3100)		1	9...	1...33-7, 33-10	3265
3291—Tool roll	.....		2	6...	1...All models	17520
3292—Cylinder head bolt spanner	.....		1	0...	1...33-7, 33-10	17451



## INSTRUMENT PANEL GROUP.

Serial Number.	Name.	Price each.	No. to a Set.	Used on.	Drawing Number.
		£ s. d.			
2790—	Instrument panel, bare .....	10	0...	1...All models .....	17372
2790A—	Plate, for tank, when instrument panel not fitted ...	3	0...	1...33-7, 33-10 .....	17442
2791—	Rubber gasket, for instrument panel .....	9...	1...	1...All models .....	4242-1
2791—	Rubber gasket, for tank plate .....	9...	1...	1...33-7, 33-10 .....	4242-1
2792—	Screw, securing instrument panel .....	3...	3...	3...All models .....	4249
2792—	Screw, securing tank plate .....	3...	3...	3...33-7, 33-10 .....	4249
3373—	Ammeter, for panel .....	8	0...	1...All models .....	BM1
3383—	Bulb, 6-volt, 3-watt, for inspection lamp .....	1	3...	1...All models .....	BAS8S
3401—	Watch, to fit into instrument panel .....	1 10	0...	1...All models .....	EQ15
3402—	Inspection lamp with switch and bulb .....	6	6...	1...All models .....	LDC39
3505—	Main light switch, for panel .....	10	6...	1...All models .....	RS39MCP
3506—	Knob and screw only, for main light switch .....	9...	1...	1...All models .....	SK10

## LAMP AND ACCUMULATOR GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
3351—	Electric head lamp, non-panel type, with cables and switch .....		3 12	6...	1...33-5, 33-8, 33-B8, 33-9	H52CPR
3352—	Electric head lamp, panel type .....		2 5	0...	1...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	MC140CPR
3353—	Electric head lamp .....		1 17	6...	1...33-5, 33-B6, 33-12	S51HLK
3361—	Electric head lamp front rim with glass, non-panel type .....		8	0...	1...33-6, 33-8, 33-B8, 33-9	LR147
3362—	Electric head lamp front rim with glass, panel type .....		11	0...	1...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	LR3CH
3363—	Electric head lamp front rim with glass .....		6	0...	1...33-5, 33-B6, 33-12	LR2
3371—	Electric head lamp ammeter .....		5	0...	1...33-5, 33-B6, 33-12	EQ7
3372—	Electric head lamp ammeter .....		8	0...	1...33-6, 33-8, 33-B8, 33-9	AMP14
3382—	Electric head lamp bulb, 6-volts, 24-watts, double filament .....		3	6...	1...All models .....	624DVMC
3383—	Electric tail lamp bulb, 6-volts, 3-watts .....		1	3...	1...All models .....	BAS8S
3386—	Electric tail lamp with bulb .....		8	6...	1...All models .....	MT110
3392—	Accumulator with lid .....		17	6...	1...All models .....	PUW7EA
3392A—	Accumulator less lid .....		16	4...	1...All models .....	PUW7E
3392B—	Accumulator lid only .....		1	2...	1...All models .....	S2171-1B
3395—	Accumulator carrier, complete .....		5	0...	1...33-5, 33-B6, 33-12	613A-720
3396—	Accumulator carrier complete .....		5	0...	1...33-6, 33-8, 33-B8, 33-9	613A-476
3397A—	Accumulator carrier, bare .....		4	0...	1...33-7, 33-10	17418A
3398A—	Accumulator carrier pinch bolt .....		4...	1...	33-7, 33-10	17541
3399—	Accumulator carrier pinch bolt plain collar .....		3...	1...	33-7, 33-10	AE178
3400—	Accumulator carrier pinch bolt threaded collar .....		5...	1...	33-7, 33-10	AE177
3501—	Cable harness .....		8	0...	1...33-5, 33-B6, 33-12	C384AA
3502—	Cable harness, non-panel .....		8	0...	1...33-6, 33-8, 33-B8, 33-9	C323A
3503—	Cable harness, panel .....		8	0...	1...33-6, 33-8, 33-B8, 33-9	C384A
3504—	Cable harness, panel .....		8	0...	1...33-7, 33-10	C419A
46—	Accumulator carrier bottom bolt washer .....		1...	2...	33-7, 33-10	2886
821—	Accumulator carrier bottom bolt .....	(as RA 3140)	3...	2...	33-7, 33-10	2751
430—	Accumulator carrier bottom bolt nut .....		2...	2...	33-7, 33-10	10499

## LAMP BRACKET GROUP.

Serial Number.	Name.	Interchangeability.	Price each.	No. to a Set.	Used on.	Drawing Number.
			£ s. d.			
2301—	Lamp bracket, top, panel model .....		6...	2...	33-5, 33-B6, 33-12	DFF74
2301—	Lamp bracket, top and bottom, non-panel model ...		6...	4...	33-5, 33-B6, 33-12	DFF74
2302—	Lamp bracket, bottom, panel model .....		6...	2...	33-5, 33-B6, 33-12	CFP74
2303—	Lamp bracket clip .....		6...	2...	33-5, 33-B6, 33-12	20532
2307—	Lamp bracket, bottom, non-panel model (as RB 2121) .....		2	3...	1...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16374
2308—	Lamp bracket, bottom, panel model ... (as RC 2131) .....		2	3...	1...33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16853
2310—	Lamp bracket, top, non-panel model ... (as RB 2341) .....		6...	2...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	12000
2311—	Lamp bracket, top, panel model .....	(as RC 2380)	6...	2...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	16854
46—	Lamp bracket bolt spring washer .....	(as ZA 6040)	1...	4...	33-5, 33-B6, 33-12	2886
427—	Lamp bracket bolt nut .....		2...	2...	33-5, 33-B6, 33-12	10485
3101—	Lamp bracket bolt .....	(as ZA 7870)	3...	4...	33-5, 33-B6, 33-12	2961
3101—	Lamp bracket bolt .....	(as ZA 7870)	3...	2...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	2961
2312—	Lamp fixing ear, panel model .....		6...	2...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10	



# SUNDRY SECTION

COVERING SUNDRY PARTS, SPACERS, BOLTS, STUDS,  
SCREWS, WASHERS AND NUTS.

## SUNDRY FITTINGS GROUP.

Serial Number.	Name.	Price each.	No. to a Set.	Used on.	Drawing Number.
£ s. d.					
3409A	Sparkling plug cable with terminal .....	1 8...	1...	All models .....	SHTL
3410	Sparkling plug, Lodge TS3 (18 mm. thread) .....	5 0...	1...	33-6, 33-9 .....	TS3-SP
3411	Sparkling plug, Lodge H1 (18 mm. thread) .....	6 0...	1...	33-6, 33-B6, 33-8, 33-B8, 33-12 .....	HI-SP
3412	Sparkling plug, Lodge H54 (14 mm. thread) .....	10 0...	1...	33-7, 33-10 .....	H54-SP
3420	Speedometer and revolution counter bracket (Racing only) .....	2 0...	1...	33-7, 33-10 .....	17458
3421	Speedometer and revolution counter bracket bolt ...	4...	4...	33-7, 33-10 .....	11768
2021	Speedometer and revolution counter bracket bolt washer .....	1...	4...	33-7, 33-10 .....	16556
3430	Undershield, for crankcase .....	8 6...	1...	33-7, 33-10 .....	17518A
3440	Cable clip, for front down tube .....	3...	1...	33-6, 33-7, 33-8, 33-B8, 33-9, 33-10 .....	12084
3450	Pillion footrests, complete .....	12 6...	1...	All models .....	PFC1

## SPACERS.

Serial Number.	Total Length.	Outside Diam.	Thickness.	Notes.	Price each.	Drawing Number.
s. d.						
1646	..... $\frac{1}{4}$ "	..... $\frac{1}{8}$ " hex. Whit.....	—	Tapped, $\frac{3}{16}$ " deep, $\frac{1}{16}$ "x20.....	3	12267
1961	.....45/64"	..... $\frac{1}{8}$ " hex. Whit.....	—	Tapped, $\frac{5}{16}$ " deep, $\frac{1}{16}$ "x20.....	3	20536
729	..... $\frac{37}{16}$ "	.....29/64"	.....16 gauge.....	.....	4	12214
730	..... $\frac{39}{16}$ "	.....29/64"	.....16 gauge.....	.....	4	16726
2364	..... $\frac{1}{8}$ "	..... $\frac{7}{16}$ "	......086"	.....	2	BF40
462C	.....29/64"	..... $\frac{7}{16}$ "	.....7/128"	.....	3	AF247
2575	.....11/32"	..... $\frac{1}{8}$ "	.....11 gauge.....	.....	2	16892
635	..... $\frac{1}{8}$ "	..... $\frac{1}{8}$ "	.....14 gauge.....	.....	2	LM75R
841A	.....11/64"	..... $\frac{9}{16}$ "	.....15/128"	.....	2	CFF76
1920	.....1 $\frac{11}{16}$ "	..... $\frac{1}{8}$ "	.....5/32"	.....	3	17194F
1921	..... $\frac{21}{8}$ "	..... $\frac{1}{8}$ "	.....3/32"	.....	4	17194L
1922	..... $\frac{31}{8}$ "	..... $\frac{1}{8}$ "	.....13 gauge.....	.....	6	20507
1924	..... $\frac{37}{16}$ "	..... $\frac{1}{8}$ "	.....13 gauge.....	.....	6	20011Q
1923	..... $\frac{39}{16}$ "	..... $\frac{1}{8}$ "	.....13 gauge.....	.....	6	20011O
433	..... $\frac{15}{16}$ "	..... $\frac{11}{16}$ "	.....10 gauge.....	.....	3	12377
1926	..... $\frac{15}{16}$ "	..... $\frac{11}{16}$ "	..... $\frac{1}{8}$ "	.....	3	17194H
1927	..... $\frac{1}{8}$ "	..... $\frac{11}{16}$ "	..... $\frac{1}{8}$ "	.....	3	17194D
1966	..... $\frac{11}{16}$ "	..... $\frac{11}{16}$ "	..... $\frac{1}{8}$ "	.....	3	17194G
1925	.....1 15/64"	..... $\frac{11}{16}$ "	..... $\frac{1}{8}$ "	.....	3	17194Q
2419	..... $\frac{11}{8}$ "	..... $\frac{11}{16}$ "	.....5/64"	.....	3	12009H
1960	.....27/32"	..... $\frac{1}{8}$ "	.....9 gauge.....	.....	3	20339
1837	.....1 1/32"	..... $\frac{1}{8}$ "	.....9 gauge.....	.....	3	10086
843A	..... $\frac{11}{8}$ "	..... $\frac{1}{8}$ "	.....13/64"	.....	3	17536
2414A	..... $\frac{31}{8}$ "	..... $\frac{1}{8}$ "	.....7/64"	$\frac{7}{16}$ " square slot in centre .....	7	12009F
2412	..... $\frac{31}{16}$ "	..... $\frac{3}{8}$ "	.....7/64"	.....	6	20488
843	..... $\frac{31}{8}$ "	..... $\frac{11}{16}$ "	.....11/64"	.....	6	17535
2420B	..... $\frac{11}{16}$ "	..... $\frac{13}{16}$ "	.....13 gauge.....	.....	3	17530
2416	..... $\frac{15}{16}$ "	..... $\frac{13}{16}$ "	.....9/64"	.....	3	17194K
2417	..... $\frac{1}{8}$ "	..... $\frac{13}{16}$ "	.....9/64"	.....	3	17194E
2416A	..... $\frac{11}{16}$ "	..... $\frac{13}{16}$ "	.....9/64"	.....	3	17194R
2417A	..... $\frac{11}{8}$ "	..... $\frac{13}{16}$ "	.....9/64"	.....	3	17194T
2418	.....1 15/64"	..... $\frac{13}{16}$ "	.....9/64"	.....	3	17194J
2420A	..... $\frac{11}{16}$ "	..... $\frac{13}{16}$ "	.....9/64"	.....	3	17194U
2420	..... $\frac{11}{16}$ "	..... $\frac{13}{16}$ "	.....9/64"	.....	3	17194I
2412A	..... $\frac{21}{8}$ "	..... $\frac{13}{16}$ "	.....13 gauge.....	.....	4	17531
2413	..... $\frac{43}{16}$ "	..... $\frac{13}{16}$ "	.....9/64"	.....	7	20011P
2414	.....4 9/32"	..... $\frac{13}{16}$ "	.....9/64"	.....	7	12009A
1965	..... $\frac{9}{16}$ "	..... $\frac{1}{8}$ "	..... $\frac{3}{16}$ "	.....	3	17450
836A	..... $\frac{1}{8}$ "	..... $\frac{1}{8}$ "	..... $\frac{1}{8}$ "	.....	3	17573
1964	..... $\frac{15}{16}$ "	..... $\frac{1}{8}$ "	..... $\frac{3}{16}$ "	Tapered to $\frac{11}{16}$ " diameter.....	3	17533
2418A	..... $\frac{39}{16}$ "	.....57/64"	.....13 gauge.....	.....	5	16131D
312	..... $\frac{31}{16}$ "	.....1 3/16"	.....5/32"	.....	4	20484
566	.....15/32"	..... $\frac{11}{8}$ "	..... $\frac{1}{8}$ "	.....	6	16875
567	.....19/32"	..... $\frac{11}{8}$ "	..... $\frac{1}{8}$ "	.....	3	17375



**BOLTS.**

Serial No.	Diam.	Length of Head.	Length under Head.	Length of Thread.	Thread.	Notes.	Price each.	Drawing Number.
3061.....	234"	1"	1"	1"	0 B.A.		s. d.	
347.....	234"	1"	11/16"	9/16"	0 B.A.		2	17285
2812.....	234"	1"	1"	687"	0 B.A.		3	3529
345.....	234"	1"	1 3/16"	11/16"	0 B.A.		2	15999
615.....	3/16"	1"	7/16"	7/16"	0 B.A.		4	3494
2573.....	1"	7/32"	1"	1"	24		2	17470
2051.....	1"	190"	9/16"	1"	20		3	10318
2555.....	1"	11/64"	1"	7/16"	26		3	16387
2572.....	1"	190"	710"	1"	20		3	2753
2555A.....	1"	11/64"	1"	11/16"	26		3	16388
2574.....	1"	11/64"	1"	11/16"	20	With screwdriver slot	3	2754
2574A.....	1"	1"	1"	1"	20		3	3932
796.....	1"	1 3/16"	1"	1"	26		3	2824
614.....	3/16"	1"	13/16"	1"	26		2	TF41
3398A.....	1"	1"	1"	1"	26		4	20431
2361.....	1"	2 3/16"	2 3/16"	2 3/16"	20	Square head	4	17541
2362.....	1"	3 11/16"	3 11/16"	3 11/16"	20		4	10308
3100.....	5/16"	1"	1"	7/16"	20		7	17366
3101.....	5/16"	7/32"	1"	7/16"	20		3	12327
2043A.....	5/16"	1"	7/16"	7/16"	26	Spigot, 5/32"	3	2961
1509.....	5/16"	1"	9/16"	1"	26		5	17527
821.....	5/16"	7/32"	1"	9/16"	20		2	LF39
2043.....	5/16"	11/32"	11/32"	9/32"	26		3	2751
822.....	5/16"	7/32"	1"	11/16"	20		4	17263
1841.....	5/16"	1"	1"	1"	20		3	2752
429.....	5/16"	9/32"	1"	9/16"	20		3	20024
2019.....	5/16"	1"	1 1/16"	9/16"	20		3	10484
462.....	5/16"	5/16"	1"	9/16"	20		3	16368
3421.....	5/16"	1"	9/32"	1"	20		4	15131
463.....	5/16"	1"	13/16"	15/16"	20		4	11768
429A.....	5/16"	1"	1"	1"	26		5	10787
836B.....	5/16"	1"	2 1/2"	1"	26		4	3455
3209.....	5/16"	1"	2 5/16"	9/16"	20		4	LF96
842.....	5/16"	1"	2 7/16"	9/16"	26		4	12223
727A.....	5/16"	1"	4 1/2"	1"	20		4	16811
740.....	1"	3/16"	15/32"	1"	16		7	17440
741.....	1"	1"	1"	1"	16		4	T3MD1
1680.....	1"	1"	1"	7/16"	20		4	12005
1880.....	1"	1"	1"	21/32"	20	Square head	4	16366
466.....	1"	5/16"	1 3/16"	1"	20		4	12080
467.....	1"	1"	1 3/16"	1"	20	Relief in head 1/2"	4	11275
64A.....	1"	5/16"	1 13/16"	1"	20	long, 1/2" dia.	6	16460
464.....	1"	1"	1 7/16"	1"	20		4	17447
2126.....	1"	5/16"	1 29/32"	1 5/16"	20		4	15944
64.....	1"	11/32"	2 9/16"	1"	20	Shoulder on head 1/16" by 11/16" dia.	5	16360
65.....	1"	5/16"	2 1/2"	1"	20		1	16455
465.....	1"	1"	2 1/2"	1"	20		7	16694
2357.....	1"	1"	2 13/16"	1"	26		4	15943
1167.....	1"	1"	8 9/16"	1"	26	Shoulder on head 4 9/16" long, 1/2" dia.	7	20305
496.....	7/16"	7/32"	7/16"	7/16"	20		1	17415
1679.....	7/16"	1"	1 7/32"	11/16"	26	Extended, 15/32" by 1/2" dia.	4	11897
2358.....	7/16"	7/32"	3 7/16"	9/16"	20		5	10109
2611.....	1"	1"	25/32"	1"	20		8	12003
2612.....	1"	1"	1 1/32"	1"	20	Shoulder 7/32" long, 39/64" dia.	5	20130
							7	12051

**STUDS.**

Serial Number.	Diam.	Total Length.	Threaded.	Notes.	Price each.	Drawing Number.
841.....	5/16"	1 1/2"	20-20.....	With .525" hex. 1/4" long, in centre..	s. d.	
40.....	1"	1 11/16"	20-26.....		5	17503
41.....	1"	1 13/16"	20-26.....		3	11559
63.....	1"	2"	20-26.....		3	16456
1138A.....	1"	2 1/2"	16-20.....	1/2" square on one end	3	17448
1525.....	1"	4 1/2"	26-26.....		5	12015
537.....	1"	4 1/2"	26-26.....		4	CE4
538.....	1"	4 1/2"	26-26.....		4	20279
539.....	1"	4 1/2"	26-26.....		4	15095
540.....	1"	4 1/2"	26-26.....		4	11474
541.....	1"	5"	26-26.....		4	15096
823.....	1"	9"	26-26.....		4	16253
2368.....	7/16"	5 2/5"	20-20.....		8	17534
2369.....	7/16"	5 1/2"	20-20.....		4	12001
1166.....	1"	5"	26-26.....		4	16708
					4	4182



## SCREWS.

Serial No.	Thread.	Diam. of Thread.	Length of Thread.	Length under Head.	Length of Head.	Diam. of Head.	Type of Head.	Price each.	Drawing Number.
240.....	2 B.A.....	2 B.A.....	5/32"	9/32"	5/32"	9/32"	Cheese	s. d. 2	15790
652.....	2 B.A.....	2 B.A.....	"	"	"	"	Cheese	2	11315-1
653.....	2 B.A.....	2 B.A.....	"	"	"	"	Cheese	2	11315-2
461.....	2 B.A.....	2 B.A.....	13/32"	17/32"	5/32"	"	Cheese	2	16449
460.....	2 B.A.....	2 B.A.....	"	"	"	5/16"	Cheese	2	15779
3080.....	2 B.A.....	2 B.A.....	"	1 1/16"	"	9/32"	Cheese	2	16450
613.....	2 B.A.....	2 B.A.....	"	1 1/8"	"	5/16"	Cheese	4	11522
742A.....	1 B.A.....	1 B.A.....	"	"	5/16"	"	Round	2	STD106
487.....	0 B.A.....	0 B.A.....	1"	1"	1/16"	"	Counter-sunk	2	16463
346.....	0 B.A.....	0 B.A.....	1 1/16"	1"	1"	"	Cheese	2	16001
742.....	24	3/16"	1"	1"	1"	3/16"	Round	1	3086
2582.....	16	3/16"	1"	1"	1"	9/32"	Cheese	1	16505
692.....	24	3/16"	1"	1"	5/32"	9/32"	Cheese	3	3083
691.....	24	3/16"	1"	1"	1"	9/32"	Cheese	3	17512
331.....	26	3/16"	1"	1"	3/32"	"	Cheese	2	AE91
218.....	20	1"	1"	1"	3/16"	1/2"	Cheese	3	16132
2772.....	26	5/16"	1"	1"	5/16"	7/16"	Cheese	3	11741
2378.....	20	5/16"	7"	1"	26"	"	Round (shoulder with two flats)	3	16358
1316.....	20	5/16"	1"	27/32"	1"	25/32"	Round (shoulder 1/2"x1/2")	7	11034
611.....	20	5/16"	3"	1 3/16"	7/32"	13/32"	Cheese	3	11307
610.....	20	5/16"	3"	1 9/16"	7/32"	19/32"	Cheese	5	11288
219.....	20	5/16"	3"	1 13/16"	1"	"	Round	6	16945
2014.....	20	3/4"	1"	1 47/64"	13/64"	9/16"	Round (peg under head)	5	15063
2792.....	26	1"	1"	1"	5/32"	7/16"	Round	3	4249

## PLAIN WASHERS.

Serial Number.	Inside Diam.	Outside Diam.	Thickness.	Material.	Nominal Size.	Notes.	Price each.	Drawing Number.
399.....	3/16"	11/32"	20 gauge	Steel...	3/16"		s. d. 1	15303
2566.....	13/64"	7/16"	14 gauge	Steel...	3/16"		1	2887
488.....	1/4"	1/2"	3/32"	Steel...	1/4"		1	16462
1535.....	17/64"	1/2"	16 gauge	Steel...	1/4"		1	STD11
2053.....	17/64"	9/16"	18 gauge	Steel...	1/4"		1	2878
2825.....	9/32"	1"	1/16"	Steel...	1/4"		1	20445
2060.....	5/16"	1 3/16"	1/8"	Steel...	5/16"		3	11711
2784.....	5/16"	1 1/8"	16 gauge	Steel...	5/16"		2	HT17
2021.....	3/17"	9/16"	14 gauge	Steel...	5/16"		1	16556
736.....	21/64"	1"	16 gauge	Steel...	5/16"		1	STD11
735.....	21/64"	1"	17 gauge	Steel...	5/16"		1	2888
1505.....	25/64"	1"	14 gauge	Steel...	5/16"		1	STD10
69.....	25/64"	25/32"	13 gauge	Steel...	5/16"		1	2883
67.....	13/32"	23/32"	18 gauge	Steel...	5/16"		1	12374
1650.....	29/64"	13/16"	14 gauge	Steel...	7/16"		1	10329
499.....	29/64"	1"	16 gauge	Steel...	7/16"		1	10328
68.....	15/32"	23/32"	18 gauge	Steel...	7/16"		1	17513
1651.....	33/64"	29/32"	15 gauge	Steel...	1"		1	2880
498.....	21/32"	1"	1/8"	Steel...	1"	Spigot washer	3	16353
309.....	.880"	1 1/8"	16 gauge	Steel...	1"		3	20486
310.....	1"	1 13/16"	16 gauge	Steel...	1"		3	16866
109.....	1 1/64"	2 5/16"	1/8"	Steel...	1"	With flat.....	1 0	XE332
109A...	1 15/64"	1.702"	16 gauge	Steel...	1 7/32"		1 0	17441

## SPRING WASHERS.

Serial Number.	Inside Diam.	Outside Diam.	Thickness.	Material.	Nominal Size.	Notes.	Price each.	Drawing Number.
471.....	13/64"	11/32"	1/16"	Steel...	3/16"	Single coil...	s. d. 1	2890
624.....	17/64"	7/16"	3/32"	Steel...	3/16"	Single coil...	1	2885
46.....	21/64"	1"	3/32"	Steel...	5/16"	Single coil...	1	2886
47.....	25/64"	1"	3/32"	Steel...	5/16"	Single coil...	1	2882
1684.....	29/64"	27/32"	9/64"	Steel...	7/16"	Single coil...	1	2881
1172.....	17/32"	1"	9/64"	Steel...	"	Single coil...	1	3345
2146.....	1"	1 13/16"	3/16"	Steel...	"	Double coil...	1	MBD206
2061.....	13/32"	21/32"	5/32"	Steel...	"	Double coil...	1	2884
1319.....	17/32"	25/32"	3/16"	Steel...	"	Double coil...	1	11040
1914.....	41/64"	29/32"	5/32"	Steel...	"	Double coil...	1	17236



## NUTS.

Serial Number.	Inside Diam.	Thread T.P.I.	Width across Flats.	Thickness.	Notes.	Price each.	Drawing Number.
2564A	1 B.A.	1 B.A.	.370"	3/16"	Round, knurled	s. d. 2	STD24
1702	5/32"	32	.281"	5/32"		9	11757
1703	5/32"	32	.281"	5/32"		4	11758
2564	3/16"	24	.337"	3/16"		3	3071
1309	1"	26	.447"	1"		3	3070
1709	1"	26	.375"	1"		3	11750
2568	1"	26	.440"	.195"	Round end	3	16386
2366	1"	20	.447"	3/16"	Round end	2	2770
2569	1"	20	.447"	1"	Spigot, 7/16" dia., 1" deep	3	16807
430A	5/16"	26	.525"	9/32"		2	3069
844	5/16"	26	.525"	9/32"		2	STD4
1711	5/16"	26	.525"	1"	Round, knurled, spigot, 9/16" dia., 3/16" deep	4	16363
3212	5/16"	23	.525"	3/16"		2	10600
510	5/16"	24	.525"	5/32"		3	11463
427	5/16"	20	.525"	3/16"		2	10485
430	5/16"	20	.601"	1"		2	10499
1317	5/16"	20	.601"	1"		2	10266
2580	5/16"	20	.525"	.490"	Spigot, 7/16" dia., 1/10" deep	2	16356
45	1"	26	.601"	1"		2	2871
640	1"	26	.601"	1"		3	2738
1171	1"	26	.601"	9/32"		3	STD3
2100	1"	26	.601"	1"		4	20088
713	1"	20	.820"	1 5/32"	Spigot, 9/16" dia., 1" deep	7	10052
715	1"	20	.820"	31/32"	Spigot, 9/16" dia., 1/16" deep	7	3506
1139A	1"	20	.601"	1"		2	11475
1682	1"	20	.601"	1"		2	3068
1868	1"	20	.601"	15/16"	Relief, 17/32" long, 9/16" dia.	7	12159
2015	1"	20	.601"	1"	Round end	3	15064
267	7/16"	26	.709"	1"		4	STD2
1865	7/16"	26	.820"	21/64"		3	10089
1866	7/16"	26	.709"	1 7/16"	Relief, 1" long, 1" dia.	6	12221
1910	7/16"	26	.709"	17/64"		3	2764
427A	7/16"	20	.709"	1"		3	12002
1648	7/16"	20	.709"	7/16"		3	10190
1652	7/16"	20	.709"	1"		3	11435
1847	7/16"	20	.709"	11/64"		3	20078
1170	1"	26	.709"	1"		4	STD1
2101	1"	26	.709"	5/16"		4	16879
1531	1"	24	.709"	1"		4	2780
1867	1"	24	.815"	1 17/32"	Relief, 29/32" long, 23/32" dia.	6	297
1962	1"	24	.820"	5/16"		4	15707
422	1"	20	1.011"	31/32"	With extended, slotted end.	1 9	17409
2615	1"	20	.820"	5/32"		4	20131
406	9/16"	20	.820"	11/64"		3	2838
407	9/16"	20	.820"	1"		3	17472
568	1"	20	.919"	5/16"		4	12234
112	1"	20	1.011"	1"	Spigot, 1" deep	4	11955
113	1"	20	1.201"	1"	Spigot, 1" deep, 1 1/16" dia.	5	3821
279	1"	20	1.011"	1"	Screwed outside both ends	1 3	16337
280	1"	20	.919"	9/16"	Spigot, 1" dia., screwed 20 T.P.I.	9	11967
114	15/16"	20	1.390"	9/32"	Spigot, 1/64" T.P.I., 1 1/2" dia.	6	16434
536	15/16"	20	1.390"	13/32"	Round, slotted	1 0	15942
2024	1 1/16"	26	1.390"	13/32"	Counterbored, 1 1/2" dia., 1" deep	1 5	20396
2025	1 1/8"	26	1.478"	13/32"	Spigot, 5/32" deep, 1 1/2" dia., counterbored 1 1/2" dia., 1" deep	1 5	16057

## SHIM WASHERS.

Serial Number.	Inside Diam.	Outside Diam.	Thickness.	Material.	Notes.	Price each.	Drawing Number.
307	1"	1 3/16"	1/16"	Steel		s. d. 2	20489A
306	1"	1 5/16"	.062"	Steel		2	16889
308	1"	1 7/16"	.062"	Steel		2	3895
2129	25/64"	3"	.20 gauge	Steel		1	20326
2130	33/64"	3"	.20 gauge	Steel		1	16937
472	25/64"	1 1/16"	.28 gauge	Steel		1	17538



## LOCKING WASHERS.

Serial Number.	Inside Diam.	Outside Diam.	Thickness.	Material.	Notes.	Price each.	Drawing Number.
						s. d.	
407A	37/64"	1 1/8"	22 gauge	Steel		2	17473
421	3/16"	15/16"	1/16"	Steel		1	LE4048
1318				Steel		2	4102
1870	390"	11/16"	20 gauge	Steel		3	12158
3064	1"	1 1/8" x 7/16"	21 gauge	Steel		2	17286
2145	25/64"	1"	18 gauge	Steel	Ratchet washer	2	AFF100

## SOFT WASHERS.

Serial Number.	Inside Diam.	Outside Diam.	Thickness.	Material.	Notes.	Price each.	Drawing Number.
						s. d.	
20	1 1/4"	1 1/2" x 2 1/2"	1/32"	"Phiberoid"	Carburettor flange oval washer	1	16415
332	17/64"	3/8"	1/32"	Fibre		1	AE92
398	388"	11/16"	1/16"	Fibre		2	11504
397	427"	11/16"	1/16"	Fibre		2	11503
2057	5/16"	1 3/16"	1/8"	Fibre		3	11798
1632	3/8"	1 3/16"	7/32"	Felt		2	11909
1638	15/16"	1 7/16"	3/16"	Felt		2	16266
356	1/8"	9/16"	1/4"	Cork		2	16808
355	9/16"	1"	3/32"	Cork		3	11712

## SERVICE FOR PROPRIETARY PARTS.

We do not service Lucas Electrical Equipment. The makers provide a universal service, for particulars of which we direct owners of A.J.S. Motor Cycles to the following Lucas Service Stations:—

BELFAST	-	-	-	-	-	3-5, Calvin Street, Mount Pottinger
BIRMINGHAM	-	-	-	-	-	Great Hampton Street
BRIGHTON	-	-	-	-	-	Old Shoreham Road, Hove
BRISTOL	-	-	-	-	-	345, Bath Road
CARDIFF	-	-	-	-	-	54a, Penarth Road
COVENTRY	-	-	-	-	-	Priory Street
DUBLIN	-	-	-	-	-	Portland Street North, North Circular Road
EDINBURGH	-	-	-	-	-	32, Stevenson Road, Gorgie
GLASGOW	-	-	-	-	-	227-229, St. George's Road
LEEDS	-	-	-	-	-	64, Roseville Road
LIVERPOOL	-	-	-	-	-	450-456, Edge Lane
LONDON	-	-	-	-	-	Dordrecht Road, Acton Vale, W.3
LONDON	-	-	-	-	-	759, High Road, Leyton, E.10
LONDON	-	-	-	-	-	155, Merton Road, Wandsworth, S.W.18
MANCHESTER	-	-	-	-	-	Talbot Road, Stretford
NEWCASTLE-ON-TYNE	-	-	-	-	-	64-66, St. Mary's Place

FOR CARBURETTOR SPARES AND SERVICE, APPLY TO:—

**MESSRS. AMAL, LTD.**

HOLFORD WORKS - PERRY BARR, BIRMINGHAM



## STANDARDISED PRICES FOR REPAIRS.

Column 1 gives the prices when only the parts concerned are sent to the factory.

Column 2 gives the prices when the complete machine is sent to the factory.

### DECARBONISING AND GRINDING IN VALVES.

Model 33-5	Models 33-6 33-B6 33-8 33-B8 33-12	Models 33-7 33-10	Model 33-9
15/0	£1/5/6	£1/18/0	£1/0/0

### SUPPLYING AND FITTING NEW SPOKES, NIPPLES AND RIM TO WHEEL.

WHEEL	Column	Models 33-5 33-B6 33-12	Models 33-6 33-8 33-B8 33-9	Models 33-7 33-10
FRONT	1	£1/11/0	£1/11/0	£1/11/0
	2	£1/15/0	£1/15/0	£1/15/0
REAR	1	£1/13/6	£1/13/6	£2/3/6
	2	£1/18/0	£1/18/0	£2/8/0

### SUPPLYING AND FITTING NEW BRAKE LININGS TO ONE PAIR OF BRAKE SHOES.

WHEEL	Column	Models 33-5 33-B6 33-12	Models 33-6 33-8 33-B8 33-9	Models 33-7 33-10
FRONT	1	6/6	8/6	8/6
	2	8/6	10/6	10/6
REAR	1	6/6	8/6	13/6
	2	8/6	10/6	15/6

IN ORDER TO ENSURE PROMPT ATTENTION IT IS ADVISABLE NOT TO  
INCLUDE CORRESPONDENCE ON AN ORDER, AS ANY CORRESPON-  
DENCE WILL NOT BE ANSWERED UNTIL THE ORDER HAS BEEN  
DESPATCHED AND INVOICED.



## STANDARDISED PRICES FOR REPAIRS.

### FITTING AND SUPPLYING NEW INNER CLUTCH CABLE.

	Column	Models 33-5 33-B6 33-12	Models 33-6 33-8 33-B8 33-9	Models 33-7 33-10
	1	3/6	3/6	3/6
	2	4/6	5/6	5/6

### CHROMIUM PLATING ONE SILENCER.

Type	Column	Models 33-5 33-B6 33-12	Models 33-6 33-8 33-B8 33-9	Models 33-7 33-10
TOURING	1	6/6	8/6	—
	2	7/6	9/6	—
HIGH	1	8/6	8/6	8/6
	2	9/6	9/6	9/6

### CHROMIUM PLATING ONE EXHAUST PIPE.

Type	Column	Models 33-5 33-B6 33-B12	Models 33-6 33-8 33-B8 33-9	Models 33-7 33-10
TOURING	1	10/0	10/0	—
	2	11/0	11/0	—
HIGH	1	13/6	13/6	13/6
	2	14/6	14/6	14/6
RACING	1	—	—	15/0
	2	—	—	16/0

Parts sent to us for repair, replacement, or as pattern must bear distinctly sender's full name and address. Instructions regarding same must be sent under separate cover, otherwise goods may lie at our works and not be unpacked until instructions regarding same are received.

**ALL GOODS MUST BE CONSIGNED TO US CARRIAGE PAID.**



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## NOTICE.

We do not appoint agents for the sale on our behalf of our motorcycles or other goods, but we assign to Motorcycle Dealers areas in which we supply to such Dealers exclusively for re-sale in such areas. No such Dealer is authorised to transact any business, give any warranty, make any representation, or incur any liability on our behalf.

## GUARANTEE.

We give the following guarantee with our motorcycles, motorcycle combinations and sidecars, which is given in place of any implied conditions, warranties or liabilities whatsoever, statutory or otherwise, all such implied conditions, warranties and liabilities being in all cases excluded. Any statement, description, condition or representation contained in any catalogue, advertisement, leaflet or other publication shall not be construed as enlarging, varying or overriding this guarantee. In the case of machines which have been used for "hiring out" purposes or racing, or from which the trade mark, name or manufacturing number has been removed, no guarantee of any kind is given or is to be implied.

We guarantee, subject to the conditions mentioned below, that all precautions which are usual and reasonable have been taken by us to secure excellence of materials and workmanship, but this guarantee is to extend and be in force for six months only from the date of purchase, and damages for which we make ourselves responsible under this guarantee are limited to the free supply of a new part in exchange for the part of the motorcycle, motorcycle combination or sidecar which may have proved defective. We do not undertake to replace or refix, or bear the cost of replacing or refixing, such new part in the motorcycle, motorcycle combination or sidecar. We undertake, subject to the conditions mentioned below, to make good at any time within six months any defects in these respects. As motorcycles, motorcycle combinations and sidecars are easily liable to derangement by neglect or misuse this guarantee does not apply to defects caused by wear and tear, misuse or neglect.

The term "misuse" shall include amongst others the following acts:—

- 1.—The attaching of a sidecar to the motorcycle in such a manner as to cause damage or calculated to render the latter unsafe when ridden.
- 2.—The use of a motorcycle or of a motorcycle and sidecar combined, when carrying more persons or a greater weight than that for which the machine was designed by the manufacturers.
- 3.—The attaching of a sidecar to a motorcycle by any form of attachment not provided, supplied or approved by the manufacturers, or to a motorcycle which is not designed for such use.

Any motorcycle or motorcycle 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 from three months only from the time such work shall have been executed or until the expiration of the six months above referred to, and this guarantee is in lieu and in exclusion of any common law or statute warranty or condition, 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.

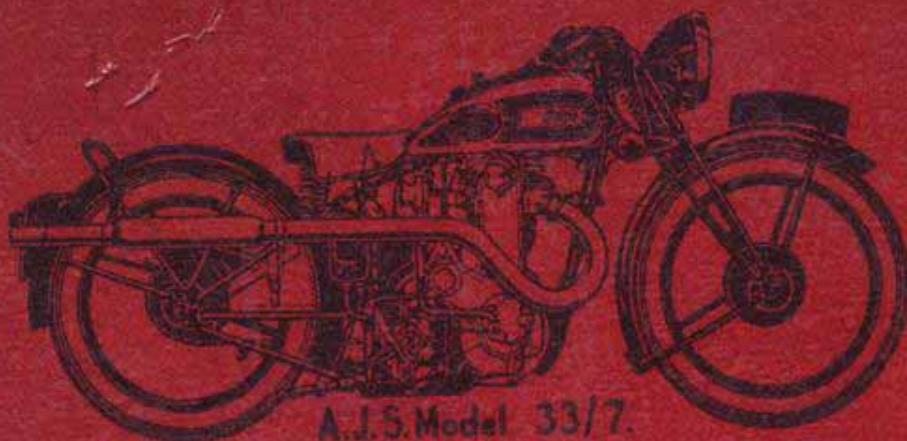
## Conditions of Guarantee.

If a defective part should be found in our motorcycles, motorcycle combinations or sidecars, or in any part supplied by way of exchange before referred to, it must be sent to us **CARRIAGE PAID**, and accompanied by an intimation from the Owner that he desires to have it repaired or exchanged free of charge under our guarantee, and he must also furnish us at the same time with the number of the machine, the date of the purchase, or the date when the alleged defective part was exchanged as the case may be.

Failing compliance with the above, such articles will lie here **AT THE RISK OF THE OWNER**, and this guarantee and any implied guarantee, warranty or condition shall not be enforced.

We do not guarantee specialities such as tyres, saddles, chains, lamps, etc., or any component parts supplied to the order of the Purchaser differing from our standard specifications supplied with our motorcycles, motorcycle combinations, sidecars or otherwise.





A.J.S. Model 33/7.

## GENUINE A.J.S. PARTS

purchased from the Factory direct or from an Authorised Dealer, are identical with the parts originally built into your motorcycle. In getting genuine A.J.S. parts, made by the factory that designed and built your motorcycle, you are assured that they will fit and give you the utmost in satisfactory service.

## REPAIRS

When extensive structural repairs are required owners are strongly advised to send their machines to the factory, where a special Repair Department is maintained. It is obvious that the manufacturers are in the best position to undertake repairs of that description.

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## SERVICE

The Service and Repair Department is situated in Burrage Grove, Plumstead, London, S.E.18, and is open on Mondays to Fridays from 9 a.m. to 6 p.m., and on Saturdays from 9 a.m. to 1 p.m.

If in difficulty with your  
**A.J.S. MOTORCYCLE**  
write to the Service Department  
for assistance.