



BSA

SPARES

1954 AND 1955
350 c.c. and 500 c.c.
Single Cylinder
O.H.V. Models
B 31 - 34

1954 and 1955 Models

B 31	. . .	350 c.c. O.H.V. Rigid and Spring Frame
B 32	. . .	350 c.c. O.H.V. Competition, Rigid Frame
B 33	. . .	500 c.c. O.H.V. Rigid and Spring Frame
B 34	. . .	500 c.c. O.H.V. Competition, Rigid Frame
B 31	. . .	350 c.c. O.H.V. Swinging Arm
B 32	. . .	350 c.c. O.H.V. Competition, Swinging Arm
B 33	. . .	500 c.c. O.H.V. Swinging Arm
B 34	. . .	500 c.c. O.H.V. Competition, Swinging Arm

CATALOGUE OF



BSA
Motor Cycles

B.S.A. MOTOR CYCLES LTD.

Directors: SIR BERNARD DOCKER, K.B.E. (Chairman) J. LEEK, C.B.E. J. A. T. DICKINSON, O.B.E. H. GAYDON H. J. SMITH

Registered Offices and Works

Telephones: BIRMINGHAM VICTORIA 2381 (30 lines)

Service, Spares and Repairs Department

ARMOURY ROAD, BIRMINGHAM, 11

Telegrams and Cables: "SELMOTO, BIRMINGHAM"

Telephone: VICTORIA 2234 (6 lines)

Telegrams and Cables: "SELSERV BIRMINGHAM"

All communications relating to Spare Parts or Repairs to Motor Cycles to be addressed to B.S.A. Motor Cycles Ltd.
Service Department, Birmingham, 11

Contractors to Her Majesty's Government, the War Office, the Admiralty, the Post Office, the Colonial and Foreign Governments

Distributors

Engine

Gearbox

Clutch and Front Chaincase

Frame and Fittings

Front Fork and Fittings

Front Hub and Wheel Fittings

Rear Hub and Wheel Fittings

Headlamp, Choke, Ignition, Tooling etc.

Headlamp, Choke, Ignition, Oil Tank, etc.

Headlamp, Choke, Ignition, Oil Tank, etc.

Headlamp, Choke, Ignition, Oil Tank, etc.

Patrol Tank, Handbrake, Rear Brake

Headlamp, Oil Tank, and for Choke, etc.

Handbrake, Patrol Tank, Handguards etc.

Headlamp, Choke, Ignition, Oil Tank, etc.

Engine, Rear Chain, Handbrake

Headlamp, Choke, Ignition, Oil Tank, etc.

Engine, Rear Chain, Handbrake

Headlamp, Choke, Ignition, Oil Tank, etc.

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SUFFIX NUMBERS TO BE USED TO IDENTIFY VARYING FINISHES FOR "B" GROUP MODELS

- | | |
|--|---------------------|
| /1 Cadmium. | /6 Rustproof Black. |
| /2 Dull Chrome. | /7 Black Enamel. |
| /3 Bright Chrome. | |
| | |
| /19 Chrome Plate and Matt Silver, lined Red. | |
| /21 Polished Aluminium. | |
| /36 Chrome Plate and Maroon, lined Gold. | |
| /37 Maroon. | |
| /41 Chrome Plate and Maroon. | |
| /44 Chrome Plate and Black. | |

When ordering components with varying finishes—i.e., petrol tanks, wheels, rims, etc.—please state finish required by adding the appropriate suffix number to the part number.

EXAMPLE. B31 Petrol Tank.

Maroon, Chrome, lined Gold, 65-8222/36

SPARKING PLUGS

Champion Sparking Plugs Ltd., Feltham, Middlesex.

ELECTRICAL EQUIPMENT

J. Lucas Ltd., Great King Street, Birmingham.

SPEEDOMETERS

Smiths Motor Accessories, Cricklewood Works, London.

Distributors

Engine

Gearbox

Clutch and Front Chassis

Frame and Fittings

Front Foc and Fittings

Front Hub and Wheel Fittings

Rear Hub and Wheel Fittings

Wheels, Tyres, Tools etc.

Wheels, Tyres, Tools etc.

Wheels, Tyres, Tools etc.

Wheels, Tyres, Tools etc.

Wheels, Tyres, Tools etc.

Wheels, Tyres, Tools etc.

Wheels, Tyres, Tools etc.

Wheels, Tyres, Tools etc.

Wheels, Tyres, Tools etc.

Wheels, Tyres, Tools etc.

Wheels, Tyres, Tools etc.

Wheels, Tyres, Tools etc.

Wheels, Tyres, Tools etc.

SPARES

Please carry out the following in order to ensure prompt attention and correct execution of orders.

2. When ordering parts, the frame and engine numbers must be quoted. The former will be found stamped on the seat or the head tube lug and the latter on the nearside of the crankcase immediately below the cylinder base. It is essential that the component numbers of the parts required be clearly stated.

IMPORTANT.—In quoting engine and frame numbers the full numbers including prefix letters, **MUST BE GIVEN.**

B.S.A. Motor Cycles Ltd. reserve the right to alter the designs or any constructional details of their manufactures at any time without giving notice.

COPY OF B.S.A. MOTOR CYCLE SPARE PARTS GUARANTEE

We give the following guarantee with B.S.A. Motor Cycle Spare Parts, instead of the guarantee implied by statute or otherwise, as to the quality or fitness of such parts for the purpose for which they are intended, any such implied guarantee being in all cases excluded, nor can any claim for consequential damages be entertained.

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 the damages for which we make ourselves responsible under this guarantee are limited to the replacement of any part which may have proved defective.

WE UNDERTAKE subject to the conditions mentioned below, to make good at any time within six months any defects in these respects. As motor cycles 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 among others the following acts: The attaching of a sidecar to the motor cycle in such a manner as to cause damage or calculated to render the latter unsafe when ridden; the use of a motor cycle or a motor cycle and sidecar combined when carrying more persons or a greater weight than they were designed to bear.

CONDITIONS OF GUARANTEE

We do not guarantee the specialities of other firms, such as tyres, electrical equipment, saddles, etc., or of any component part supplied to the order of the purchaser differing from our standard specifications, whether supplied with our motor cycles or otherwise.

B.S.A. OVERSEAS DISTRIBUTORS

ADEN	Arabian Trading Co., Maalla Garage, Aden.
AFGHANISTAN ...	Levetus Ltd., 194 Bishopsgate, London, E.C.2.
ALASKA	Hap Alzina, 307 Broadway, Oakland 11, California.
ALGERIA	
ARGENTINA	Ditlevsen & Cia Ltda., Av. Ingeniero. Huergo 1335, Buenos Aires.
AUSTRALIA	
South Australia ...	J. N. Taylor & Co., 121/5 Grenfell Street, Adelaide.
Victoria	Finlay Bros. (Pty.) Ltd., 316/20 Elizabeth Street, Melbourne, C.I.
West Australia ...	Mortlock Bros., 914 Hay Street, Perth.
N.S.W. and Queensland	Bennett & Wood (Pty.) Ltd., Cor. Bathurst and Pitt Streets, Sydney.
Tasmania	Sim King (Pty) Ltd. (Box A. 240G G.P.O.), 63 Brisbane Street, Launceston.
AUSTRIA	A.u.R. Hinteregger, Johnstrasse 31, Vienna XV.
AZORES	Hayes & Travell Ltd., P.O. Box 56, Ponta Delgada, St. Michael's.
BAHAMAS	Nassau Bicycle Co., P.O. Box 191, Nassau.
BAHREIN	United Commercial Agencies, P.O. Box 166, Bahrain Islands, Persian Gulf.
BELGIAN CONGO.	
Albertville	La Sima S.C.R.L., P.O. Box 671, Elizabethville.
Bukavu	Touriel Motors, P.O. Box 796, Bukavu.
Coquilhatville ...	Solbena S.C.R.L., P.O. Box 624, Leopoldville.
Elizabethville ...	La Sima, Boite Postale 671, Elizabethville.
Leopoldville	Solbena S.C.R.L., P.O. Box 624.
Usumbura	Capelluto Touriel & Co., P.O. Box 501, Usumbura, Ruanda Urundi.
Stanleyville	Nassers Trading Co. Ltd., P.O. Box 71.
BELGIUM	Famo S.A., 571 Grande Chaussée, Berchem, Antwerp.
BERMUDA	Holmes, Williams & Purvey Ltd., P.O. Box 444 Pembroke.
BOLIVIA	Balfour Williamson Merchant Shippers Limited, 7 Gracechurch Street, London, E.C.3, operating through : Gibbs Williamson (Bolivia) Ltda., Casilla 957, La Paz.
BORNEO	
Br. N. Borneo	Harrisons & Crosfield (Borneo) Ltd., Import Dept., Jesselton.
Sarawak	The Borneo Co. Ltd. (P.O. Box 141), Thomson Road, Kuching.
BOUGAINVILLE ...	Bennett & Wood Pty. Ltd., Corner Pitt and Bathurst Streets, Sydney, N.S.W., Aus.
BRAZIL	Mesbla S.A., Rua de Passeio 48/54 Rio de Janeiro.
and branches at ...	Sao Paulo (Est. de Sao Paulo)—Rua 24 de Maio, 141. Porto Alegre (R.G. do Sul)—Rua Voluntarios de Patria 524. Belo Horizonte (Minas Gerais)—Rua Curitiba, 444-464. Rcife (Pernambuco)—Rua da Palma 251.

BRAZIL	Pelotas (R.G. do Sul)—Praca Cel. P. Osorio, 152-154. Niteroi (Est. do Rio)—Rua Visconde Rio Branco 521-523. Marilia (Sao Paulo)—Rua 9 de Julho 1001. Victoria (Espirato Santo)—Av. Victoria 719-727. Salvador (Bahia)—Av. Frederico Pontes, 102-104.
BRITISH E. AFRICA	
Kenya	Uganda Co. (Africa) Ltd., P.O. Box 1, Kampala, Uganda.
Tanganyika	International Motor Mart, P.O. Box 409, Dar-es-Salaam.
Uganda	The Uganda Co. (Africa) Ltd., P.O. Box 1, Kampala.
Zanzibar	Musa Jusabani, P.O. Box 366, Zanzibar.
BRITISH GUIANA ...	Bookers Stores Ltd., 49/53 Water Street, Georgetown.
BRITISH HONDURAS	C. Melhado & Sons, Belize.
BRITISH SOMALILAND	Arabian Trading Co., Berbera.
BRITISH W. AFRICA	
Gambia	Cie. F.A.O., Bathurst.
Gold Coast	Cie. F.A.O., P.O. Box 70, Accra.
Nigeria	Cie. F.A.O., P.O. Box 160, Lagos.
Sierra Leone	Cie. F.A.O., Freetown. (and other branches throughout territory)
BRITISH W. INDIES	
Antigua	Stephen R. Mendes Ltd., Colonial House, 18 Thames Street, St. John's.
Barbados	Redman & Taylors Garage Ltd., P.O. Box 269, Church Street, Bridgetown.
Dominica	A. C. Shillingford & Co., P.O. Box 123, The Garage, Roseau.
Grenada	Glean's Garage, St. Patricks.
Jamaica	B.S.A. Agency Ltd., 9 King Street, Kingston.
St. Kitts	J. W. Thurston & Co. Ltd., Fort Street, Basseterre.
St. Lucia	Peter & Co., Castries.
Montserrat	M. S. Osborne, Trescellian House.
Nevis	J. W. Thurston & Co. Ltd., Fort Street, Basseterre, St. Kitts.
St. Vincent	The Caribbean Trading Co., P.O. Box 27, Kingstown.
Trinidad	Sports & Games Ltd. (P.O. Box 271), 19 Henry Street, Port of Spain.
BURMA	Levetus Limited, 194 Bishopsgate, London, E.C.2, operating through : Fairweather Richards & Co. Ltd., 67/69 Lewis Street, Rangoon.
CANADA	
British Columbia and Alberta	Fred Deeley Ltd., 606 E. Broadway Avenue, Vancouver.
Newfoundland ...	Edwin Murray Ltd., 256 Water Street, St. John's.
Nova Scotia	British Car Sales Ltd., Corner North Park and Cornwallis Streets, Halifax.
Ontario	Brown's Sports & Cycle Co. Ltd., 343 Yonge Street, Toronto.
Quebec	Arlington Cycle & Sports Ltd., 1194 University Street, Montreal.
Saskatchewan ...	Nicholson Bros., 245 Second Avenue-North, Saskatoon.

CANARY ISLANDS	...	J. Gonzales Suarez, (Apartado, No. 9), Puerto de la Luz, Las Palmas.
CEYLON	...	Cargills (Ceylon) Ltd., Fort, Colombo.
CHILE	...	Balfour Williamson Merchant Shippers Ltd., 7 Gracechurch Street, London, E.C.3, operating through : Williamson Balfour & Co., S.A., Blanco 759, Valparaiso.
COOK ISLANDS	...	United Island Traders Ltd. (W. H. Watson) Raratonga.
COLOMBIA	...	Balfour Williamson Merchant Shippers Ltd., 7 Gracechurch Street, London, E.C.3, operating through : Tracey & Co. S.A., Apartado 1196, Bogota.
COSTA RICA	...	Tiberio Paganella, Ciclo Sport La Casa del Ciclista, Apartado 2321, San Jose.
CUBA	...	Distribudora de Motocicletas Bricanicas, S.A. Padre Varela, Havana, Cuba.
CYPRUS	...	B. C. Petrides & Co., P.O. Box 91, 7 Kyrenia Street, Nicosia.
CYRENAICA	...	Metcalfe Eng. Co. Ltd., P.O. Box 216, Benghazi.
CZECHOSLOVAKIA	...	Gorma Ltd., 70 Pall Mall, London, S.W.1.
DENMARK	...	B.S.A. Motors & Cycles (H. V. Hansen), Vesterbrogade 101, Copenhagen.
DOMINICAN REPUBLIC	...	General Sales Co., Apartado 746, Ciudad Trujillo, R.D.
DUTCH GUIANA	...	The New Motor Supply & Importing Co. (P.O. Box 422), Watermolen Street, Paramaribo.
ECUADOR	...	Balfour Williamson Merchant Shippers Ltd., 7 Gracechurch Street, London, E.C.3, operating through : Soc. Com. Anglo-Ecuatoriana Lda. S.A., Apartado 410, Guayaquil.
EGYPT	...	T. W. M. Forsyth, 7 Sharia Maspero, Cairo.
ERITREA	...	Arabian Trading Co., Asmara.
ETHIOPIA	...	Arabian Trading Co. (P.O. Box 23), 155 Cunningham Street, Addis Ababa.
FALKLAND ISLANDS	...	McAtasney & Sedgwick, Falkland Store, Stanley.
FIJI	...	Morris Hedstrom Ltd., Suva.
FINLAND	...	S. & N. Osakeyhtio, Aleksanterinkatu 21A, Helsinki.
FRANCE	...	Movea S.A., 79 Ave. de la Grande Armée, Paris XVIe.
FR. ANTILLES		
Guadeloupe	...	Maison F. D'Aleixis 44, Rue Frebault, Pointe-à-Pitre.
FRENCH EQ. AFRICA	...	The United Africa Co., Unilever House, Blackfriars, E.C.4.
FRENCH INDIA	...	Levetus Ltd., 194 Bishopsgate, London, E.C.2.
FRENCH INDO CHINA	...	Movea S.A., 79 Ave. de la Grande Armée, Paris XVIe, France.
FRENCH MOROCCO	...	African and Eastern (Near East) Ltd., P.O. Box 519, Casablanca.
FRENCH SOMALILAND	...	Arabian Trading Co., Djibouti.

FRENCH W. AFRICA

Dahomey	...	Cie. F.A.O., Service Autos, Cotonou.
French Cameroons	...	Cie. F.A.O., Duala.
Ivory Coast	...	Cie. F.A.O., Abidjan.
Mauritania	...	The United Africa Co., Unilever House, Blackfriars, E.C.4.
French Guinea	...	Cie. du Niger Francais, Conakry.
French Sudan	...	Cie. du Niger Francais, Bamako.
Senegal	...	Nouvelle Société Commerciale Africaine, 31 Boulevard Pinet-Laprade, Dakar.

GERMANY (West)	...	Aschoff & Co., C.M.B.H. Oppurner Strasse 67/69 Krefeld.
(East)	...	Gorma Ltd., 70 Pall Mall, London, S.W.1.

GIBRALTAR	...	F. G. Bado, 16 Main Street.
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GILBERT and ELLICE ISLANDS	...	Morris Hedstrom Ltd., Apia, Samoa.
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GREECE	...	D. F. Papoutsas, 56 Chalcocondillias Street, Athens.
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GUADELOUPE	...	Maison F. D'Aleixis, 44 Rue Frebault, Pointe-à-Pitre.
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GUATEMALA	...	H. J. Nicol & Co. S.C., 8A Avenida Sur No. 109, Guatemala City.
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HADRAMUT	...	Arabian Trading Co., Esplanade, Aden.
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HAITI	...	Valles & Bajoux, Grande Rue 185 (P.O. Box 856), Port-au-Prince.
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HAWAII ISLANDS	...	Schubert's Cyclery Stores (P.O. Box 3443), Corner Archer and South King Streets, Honolulu, Hawaii.
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HONDURAS	...	M. Liebers, Apartado 51, Tegucigalpa, D.C.
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HONG KONG	...	Levetus Limited, 194 Bishopsgate, London, E.C.2, operating through : British Bicycle Co., 16 Hennessy Road.
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HUNGARY	...	Gorma Ltd., 70 Pall Mall, London, S.W.1.
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ICELAND	...	Falkinn Ltd., P.O. Box 997, Reykjavik.
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INDIA	...	Levetus Limited, 194 Bishopsgate, London, E.C.2, and branches in Delhi, Bombay and Calcutta, operating through :
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Bombay	...	Noble Cycle & Motor Co., 225 Hornby Road, Fort, Bombay.
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Calcutta	...	Bentinnck Cycle Co., 1/2 Chowringhee Road, Calcutta.
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Jullundur	...	Janki Dass & Sons, Main Street, Jullundur.
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Madras	...	Union Co. (Motors) Ltd., Mount Road, Madras.
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Delhi	...	Tandon Bros., 16 Daryaganj, Delhi 7.
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New Delhi	...	Peary Lal & Sons Ltd., Queen's Way, New Delhi.
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Delhi	...	Peary Lal & Sons (E. Punjab) Ltd., Peary Lal Building, Kashmere Gate, Delhi 6.
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Allahabad	...	Colonelganj Cycle & Motor Agency, 12 P.D. Tandon Road, Allahabad.
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Ambala	...	B. K. Mittal & Co., Staff Road, Ambala, Cantt.
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Kanpur	...	Calcutta Motor & Cycle Co., 26/51 Birhani Road, Kanpur.
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Cuttack	...	Pearl Cycle Stores, Naya Serak, Cuttack.
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Lucknow	...	Motor Cycle House, 11 Station Road, Lucknow.
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INDIA

Nagpur ...	...	Bombay Cycle Stores Co. Ltd., Mahal, Nagpur City.
Ranchi ...	...	Kedia Cycle Stores, Main Road, Ranchi.
Jamnagar ...	...	Imperial Trading Co., Ranjit Road, Jamnagar.
Meerut ...	...	Mittal Bros., Bombay Bazaar, Meerut.
Hyderabad ...	...	Sohrab Bros., Hyderabad—DN.

INDONESIA

Handelmaatschappij L. Platon N.V.,
Postrommel Dak 776, Djakarta-Kota.

IRAQ ...	...	Mr. J. A. Noury, 2/111 Rashid Street, Baghdad, Iraq.
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IRISH REPUBLIC ...	...	Huet Bros. Ltd., 7 & 8 Bachelor's Walk, Dublin, C.9.
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ISRAEL ...	...	S. Gousman & Son, 16 Hakishon Street, Tel-Aviv.
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ITALIAN SOMALILAND ...	...	Arabian Trading Co., Esplanade, Aden.
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ITALY ...	...	A. di Palma, Via Cenisio 4, Milan.
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JAPAN ...	...	Balcom Trading Co. Inc., Japan Red Cross Bldg. Annexe, 5-1 Shiba Park, Minatu-Ku Tokio.
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KOREA ...	...	Balcom Trading Co. Inc., Japan Red Cross Bldg. Annexe, 5-1 Shiba Park, Minatu-Ku Tokio.
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KUWAIT ...	...	Abdul Rahman Albisher & Zaid Alkazemi, Kuwait, Persian Gulf.
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LEBANON ...	...	Associated Commercial Enterprise, P.O. Box 3270, Air Moureisseh, Beirut.
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LEICHENSTEIN ...	...	Fibag, Postfach Zurich 39, Zurich, Switzerland.
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LIBERIA ...	...	Cie. F.A.O., Monrovia.
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LIBYA

Tripolitania ...	...	Fili Pagani Soc. Coll. 113, Sciara Mizran, Tripoli.
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Cyrenaica ...	...	Metcalf Eng. Co. Ltd., P.O. Box 216, Benghazi.
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LUXEMBOURG ...	...	Famo S.A., 571 Grande Chaussée, Berchem, Antwerp, Belgium.
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MADAGASCAR ...	...	Movea, S.A., 79 Ave. de la Grande Armée, Paris XVIe, France.
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MADEIRA ...	...	A. Gornex Loja, P.O. Box 52, Funchal.
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MALAYA ...	...	Cycle & Carriage Co. (1926) Ltd. (P.O. Box 305), Orchard Road, Singapore.
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MALTA ...	...	G. Anastasi, 27 and 35 opp. St. John's Church, Valletta.
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MAURITIUS ...	...	Lising & Co., 32 Royal Street, Port Louis.
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MEXICO ...	...	Watson Phillips & Cia. Succs. S.A., Apartado Postal No. 67, Mexico 6 D.F. Alejandro Dominguez, Calle 60, Num. 536, Merida, Yucatan.
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NETHERLANDS ...	...	Hart Nibbrig & Greeve N.V., Parkstraat 91A, The Hague.
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NETHERLANDS ANTILLES (D.W.I.) ...	...	Caribbean Sales (P.O. Box 43), Noordstraat No. 543, Orangestad, Aruba.
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Caribbean Sales, P.O. Box 135, Willemstad, Curacao.

NEW BRITAIN ...	...	Bennett & Wood (Pty.) Ltd., Corner Pitt and Bathurst Streets, Sydney, N.S.W., Aus.
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NEW CALEDONIA ...	...	Agence Automobile, Avenues de Maréchal Foch et de la Victoire, Nouméa.
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NEW GUINEA ...	...	Bennett & Wood (Pty.) Ltd., Corner Bathurst and Pitt Streets, Sydney, N.S.W., Aus.
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NEW HEBRIDES ...	...	Bennett & Wood Pty. Ltd., Corner Pitt and Bathurst Streets, Sydney, N.S.W., Aus.
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NEW IRELAND ...	...	Bennett & Wood Pty. Ltd., Corner Pitt and Bathurst Streets, Sydney, N.S.W., Aus.
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NEW ZEALAND ...	...	Skeates & White Ltd., 48 Fort Street, Auckland, Cl.
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NICARAGUA ...	...	J. A. Estrada & Cia. Ltda. (Apartado No. 11), Avenida Roosevelt, Managua.
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NORWAY ...	...	Erling Sande, Grubbegaten 2/4, Oslo.
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NYASALAND ...	...	African Lakes Corp. Ltd., Mandala, Blantyre.
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OKINAWA ...	...	Balcom Trading Co. Inc. Japan Red Cross Bldg. Annexe, 5-1 Shiba Park, Minatu-Ku Tokyo.
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PAKISTAN ...	...	Levetus Ltd., 194 Bishopsgate, London, E.C.2, and their branches at Karachi and Dacca, operating through :
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(WEST) ...	...	Shahnawaz Ltd. (P.O. Box 655), Victoria Road, Karachi.
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(EAST) ...	...	Crescent Cycle & Motor Co., 161 Nawabpur Road, Dacca.
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PANAMA ...	...	Panamusica S.A., P.O. Box 3227, Panama.
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PAPUA ...	...	Bennett & Wood Pty. Ltd., Corner Pitt and Bathurst Streets, Sydney, N.S.W., Aus.
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PARAGUAY ...	...	J. & F. Perez, 14 de Mayo Pte Franco, Asuncion.
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PERSIA ...	...	H. Mohammed Tavakolipoor, Ave. Boozar-jomehri, Tehran.
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PERU ...	...	Balfour Williamson Merchant Shippers Ltd., 7 Gracechurch Street, London, E.C.3, operating through : Milne & Co. S.A., Apartado 684, Lima.
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PHILIPPINES ...	...	Campos Rueda & Sons, 421/7 Juan Islands, Manila.
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POLAND ...	...	Gorma Ltd., 70 Pall Mall, London, S.W.1.
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PORTUGAL (North) ...	...	Silva Neto & Ca., Anadia.
(South) ...	...	Stand Vidal, Travessa de S. Mamede 23/5, Lisbon.

PORTUGUESE EAST AFRICA ...	...	F. L. Simoes & Co., P.O. Box 13, Beira. A. A. Azevedo, P.O. Box 482, Lourenco Marques.
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Gordhandas Valabhdas & Filhos, P.O. Box 45, Mozambique.

Auto Sobressalentes Ltd., P.O. Box 206, Quelimane.

PORTUGUESE WEST AFRICA ...	...	Casa Americana Ltda, Caixa Postal 1208, Luanda.
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PORTUGUESE GUINEA ...	...	Nunes & Irmao, C.P. 83, Bissau.
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PORTUGUESE INDIA ...	...	M.S.B. Caculo, Nova Goa.
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PUERTO RICO ...	...	M. Castro Fernandez & Co. Ltd. (P.O. Box 1579), San Juan 7, Puerto Rico.
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REUNION ISLES ...	...	Movea S.A., 79, Avenue de la Grande-Armée, Paris XVIe, France.
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RHODESIA (Northern) ...	...	Central African Motors Ltd., P.O. Box 1905, N'dola, Northern Rhodesia. Pals Motors, P.O. Box 51, Lusaka, Northern Rhodesia.
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The British Cycle & Sports Co., P.O. Box 274, Livingstone.

RHODESIA (Southern)	Van Rooyen Motor Cycle Works Ltd., 124 Gray Street, Bulawayo, Southern Rhodesia. Alick Stuart Ltd., P.O. Box 306, Bulawayo, Southern Rhodesia. Kimpton's (Midlands) Ltd., P.O. Box 91, Gwelo. Gammon Bros., P.O. Box 151, Umtali. Johnstons Motor Supplies, 28 Pioneer Street, Salisbury. Umtali Cycle Co., P.O. Box 149, Umtali.
ROUMANIA ...	Gorma Ltd., 70 Pall Mall, London, S.W.1.
SALVADOR ...	La Agencia Nacional Ltda., San Salvador.
SAMOA ...	Morris Hedstrom Ltd., Apia.
SARAWAK ...	Borneo Co. Ltd., Sackville House, Fenchurch Street, E.C.3.
SAUDI ARABIA ...	Ebrahim Abdullah Juffali & Bros., P.O. Box 297, Jeddah.
SEYCHELLES ...	Chenard & Co., P.O. Box 5, Mahe.
SOLOMON ISLANDS ...	Bennett & Wood Pty. Ltd., Corner Pitt and Bathurst Streets, Sydney, N.S.W., Aus. Morris Hedstrom Ltd., Apia, Samoa.
SOUTH W. AFRICA ...	Terry's Motors, P.O. Box 784, Windhoek.
SPAIN ...	Commercial Yacobi, Jose Antonio 45, Madrid.
SPANISH GUINEA ...	J. Gonzalez Suarez (Apartado No. 9), Puerto de la Luz, Las Palmas, Canary Islands.
SPANISH MOROCCO ...	Marrache & Levy (P.O. Box 132), Casa Reira 26/28, Tangier, Tangiers.
SUDAN ...	Geo. Djerdjian & Sons, P.O. Box 364, Khartoum.
SWEDEN ...	A.-B. E. Fleron, Malmo.
SWITZERLAND ...	Fibag, Postfach Zurich 39, Zurich. Van Leisen S.A., 34, Rue de la Synagogue, Geneva.
SYRIA ...	M. Chafik Khiami & Co., Rue el Nasr 169, Damascus, Syria.
TAHITI ...	H. Jean Hamon, Papeete.
TANGIERS ...	Marrache & Levy (P.O. Box 132), Casa Riera 26/28, Tangier.

THAILAND ...	Triangle Co. Ltd. (P.O. Box 70), Asdang Road, Bangkok.
TONGA ...	E. H. Jones, P.O. Box 34, Nukualofa, Tonga Islands.
TRIPOLITANIA ...	Filli Pagani Soc. Coll., 113, Sciara Mizran, Tripoli, Libya.
TUNISIA ...	Etab. Jean Borg, 35 Rue de Marseille, Tunis.
TURKEY ...	Turkish Automobile Trade Co., Beyoglu Istiklal Caddesi 239, (P.O. Box 2032), Istanbul.

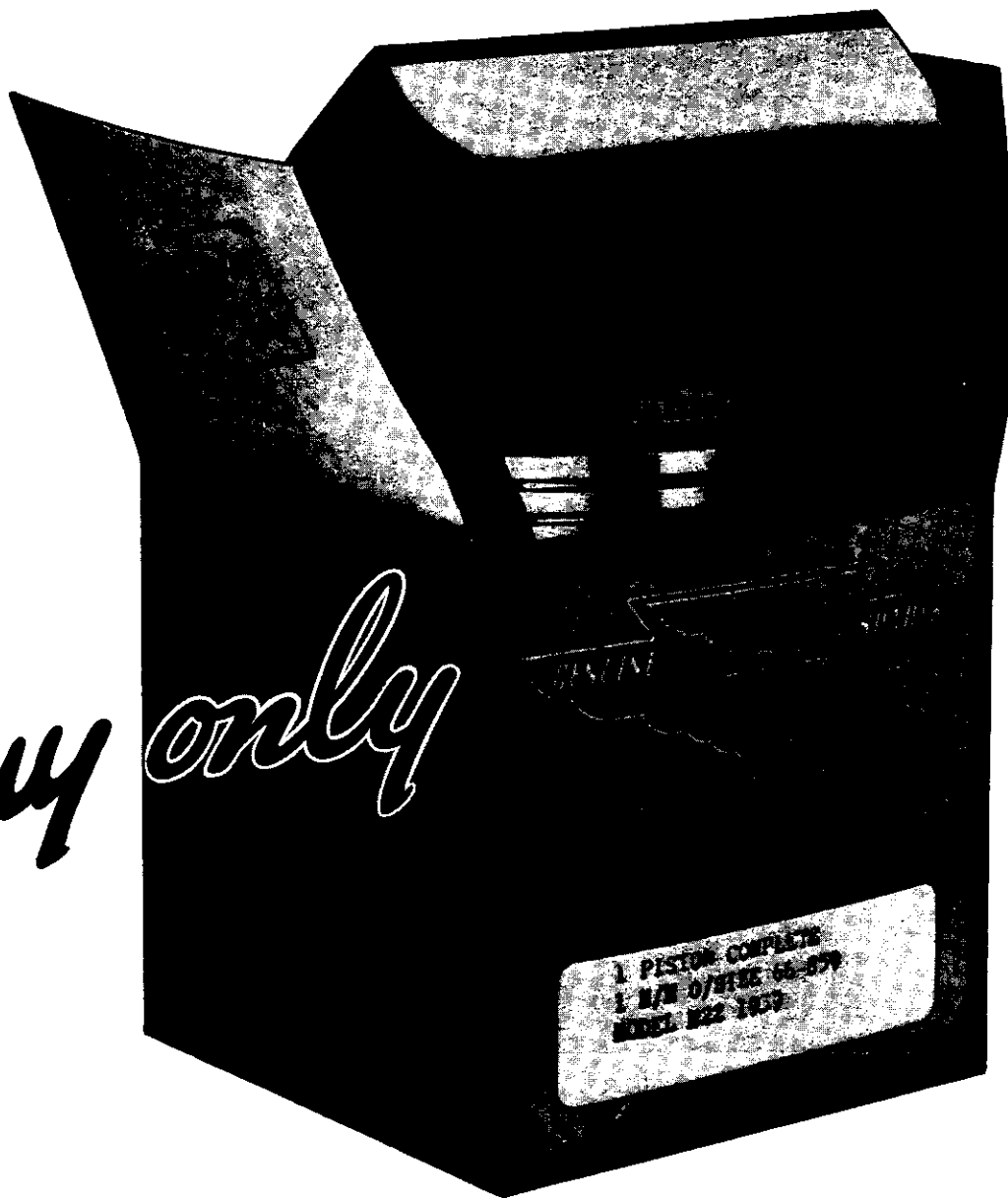
UNION OF SOUTH AFRICA

Cape Province ...	Robb Motors (Pty.) Ltd., 102 Strand Street, Cape Town. Barnes Garage Ltd., P.O. Box 438, East London. The Union Cycle Works, P.O. Box 442, Kimberley. Sahds, P.O. Box 149, Queenstown. Haigh Motors (Pty.) Ltd., P.O. Box 1160, Port Elizabeth.
Natal ...	S. & W. Killerby, 469 Smith Street, Durban. Percy Briggs (Pty.) Ltd., P.O. Box 564, Durban. Jowett Bros., P.O. Box 201, Pietermaritzburg.
Orange Free State ...	E. Hoehne & Co., P.O. Box 619, Bloemfontein.
Transvaal ...	Fisher & Simmons Ltd., 12 Albert Street, Johannesburg. Shimwell Bros. (Pty.) Ltd., P.O. Box 2035, Johannesburg, also at P.O. Box 95, Pretoria.

UNITED STATES OF AMERICA

East Coast ...	B.S.A. Incorporated, 639 Passaic Avenue, Nutley 10, New Jersey.
West Coast ...	Hap Alzina, 3074 Broadway, Oakland 11, California.
URUGUAY ...	Linn & Cia. S.A., Casilla Correo 1027, Montevideo.
VENEZUELA ...	Agencias B.S.A. de Venezuela C.A., Salvador de Leon a Socarras 52, Caracas. Rafael E. Montero, Calle Soledad, 73, Maracaibo, Zulia. (Districts of Zulia and Falcon).
YEMEN ...	Arabian Trading Co., Esplanade, Aden.
YUGOSLAVIA ...	Gorma Ltd., 70 Pall Mall, London, S.W.1.

Buy only



Engine

Carburetor

Clutch and
Front
Chaincase

Frame and
Fittings

Front Fork
and
Fittings

Front Hub
and Wheel
Fittings

Rear Hub
and Wheel
Fittings

Midguard
Chaincase
Toolbox etc.

Midguard
Chaincase
Oil Tank etc.

Midguard
Chaincase
Toolbox etc.

Midguard
Chaincase
Toolbox etc.

Patrol Tank
Hoodlark
Rear Brake

Midguard
Oil Tank and
Rear Chaincase

Hoodlark
Patrol Tank
Midguard etc.

Midguard
Chaincase
Hoodlark etc.

Engine Pan
Cover
Hoodlark

Plate 1

ENGINE

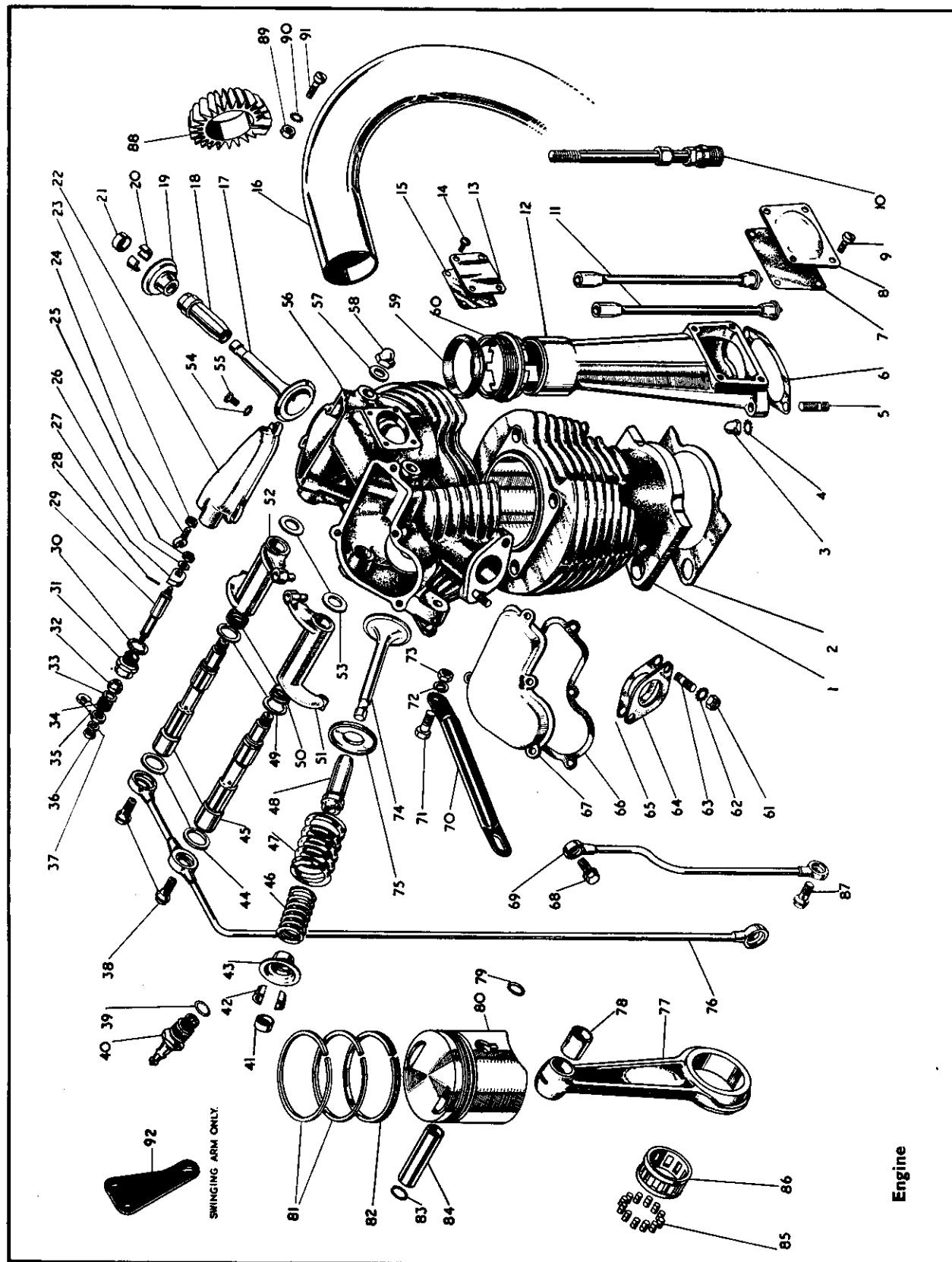
B31 B33 Rigid and Spring
B31 B33 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B31	65-1703	Cylinder barrel	1
1	B33	65-1707	Cylinder barrel	1
2	B31 B33	66-92	Cylinder base gasket	1
3	B31 B33	65-930	Push rod cover stud nut	2
4	B31 B33	29-541	Push rod cover stud nut washer	2
5	B31 B33	24-4227	Push rod cover tube stud	2
6	B31 B33	66-1379	Push rod cover tube washer	1
7	B31 B33	66-1937	Tappet recess cover washer	1
8	B31 B33	66-1936	Tappet recess cover	1
9	B31 B33	29-2158	Tappet recess cover screw	4
10	B31 B33	66-115	Cylinder holding down bolt	4
11	B31 B33	65-1084	Push rod	2
12	B31 B33	65-1080	Push rod cover tube	1
13	B31 B33	65-1142	Valve rocker inspection cover	1
14	B31 B33	2-2582	Valve rocker inspection cover screw	4
15	B31 B33	65-1143	Valve rocker inspection cover washer	1
16	B31 B33	65-2687	Exhaust pipe	1
16	B31 B33	42-2705	Exhaust pipe	1
	(swinging arm)			
17	B31	65-1110	Valve (exhaust)	1
17	B33	65-1240	Valve (exhaust)	1
18	B31	65-1514	Valve guide (exhaust)	1
18	B33	65-1516	Valve guide (exhaust)	1
19	B31 B33	65-1149	Valve spring collar (exhaust)	1
20	B31	15-1525	Valve split cotter (exhaust) (halves)	2
20	B33	15-1525	Valve split cotter (inlet and exhaust) (halves)	4
21	B31 B33	31-103	Valve stem cap exhaust	1
22	B31 B33	65-1160	Cylinder head cover (exhaust)	1
23	B31 B33	2-443	Exhaust lifter cable holder nut	1
24	B31 B33	27-1163	Exhaust lifter cable holder	1
25	B31 B33	2-443	Exhaust lifter spindle nut	1
26	B31 B33	2-525	Exhaust lifter spindle washer	1
27	B31 B33	65-1137	Exhaust lifter	1
28	B31 B33	35-701	Exhaust lifter spindle split pin	1
29	B31 B33	65-1165	Exhaust lifter spindle	1
30	B31 B33	2-2894	Exhaust lifter bush washer (fibre)	1
31	B31 B33	65-387	Exhaust lifter bush	1
32	B31 B33	65-401	Exhaust lifter spindle washer (felt)	1
33	B31 B33	65-402	Exhaust lifter spindle washer	1
34	B31 B33	65-403	Exhaust lifter spindle spring	1
35	B31 B33	66-1431	Exhaust lifter lever	1
36	B31 B33	2-443	Exhaust lifter spindle nut	1
37	B31 B33	2-525	Exhaust lifter spindle washer	1
38	B31 B33	65-317	Rocker oil feed pipe banjo screw	2
39	B31 B33	66-102	Sparking plug washer	1
40	B31 B33	65-114	Sparking plug	1
41	B31 B33	65-209	Valve stem cap (inlet)	1
42	B31	29-410	Valve split cotter (inlet) (halves)	2
43	B31 B33	65-1149	Valve spring collar (inlet)	1
44	B31 B33	31-8430	Rocker oil feed pipe union washer	2
45	B31 B33	65-1161	Valve rocker fulcrum pin	2
46	B31 B33	65-1146	Valve spring (inner)	2
47	B31 B33	65-1147	Valve spring (outer)	2
48	B31	65-1513	Valve guide (inlet)	1
48	B33	65-1515	Valve guide (inlet)	1
49	B31 B33	65-1118	Valve rocker fulcrum pin washer	2
50	B31 B33	65-1117	Valve rocker fulcrum spring	2
51	B31 B33	65-1102	Valve rocker (inlet)	1
52	B31 B33	65-1100	Valve rocker (exhaust)	1
53	B31 B33	27-1111	Valve rocker spindle thrust washer	2
54	B31 B33	29-541	Cylinder head cover washer	8
55	B31 B33	65-1166	Cylinder head cover screw	8
56	B31	65-1700	Cylinder head with fixed fittings	1
56	B33	65-1704	Cylinder head with fixed fittings	1
57	B31 B33	36-481	Valve rocker spindle nut washer	2
58	B31 B33	65-311	Valve rocker spindle nut	2
59	B31 B33	66-1367	Push rod cover tube gland packing	1
60	B31 B33	65-1082	Push rod cover tube gland nut	1
61	B31 B33	2-49	Carburettor stud nut	2

Plate 1

ENGINE

B31 B33 Rigid and Spring
B31 B33 Swinging Arm Frame



Engine

Engine

Gearbox

Clutch and
Front
Chaincase

Frame and
Fittings

Front Fork
and
Fittings

Front Hub
and Wheel
Fittings

Rear Hub
and Wheel
Fittings

Headlight
Changemaster
Toolbox etc.

Headlight
Changemaster
Oil Tank etc.

Headlight
Fuel Tank
Seat etc.

Headlight
Changemaster
Oil Tank etc.

Fuel Tank
Headlight
Rear Brake

Headlight
Oil Tank and
Rear Changemaster

Headlight
Fuel Tank
Headlight etc.

Headlight
Changemaster
Headlight etc.

Engine
Fuel Tank
Headlight

Engine

Plate 1—continued.

ENGINE

B31 B33 Rigid and Spring
B31 B33 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
62 ...	B31 B33	36-382	Carburettor stud nut washer	2
63 ...	B31 B33	24-5205	Carburettor stud	2
64 ...	B31	65-1163	Carburettor flange washer (Tufnol)	1
64 ...	B33	65-1238	Carburettor flange washer (Tufnol)	1
65 ...	B31	65-1162	Carburettor flange washer (paper)	2
65 ...	B33	65-1232	Carburettor flange joint washer (paper)	2
66 ...	B31 B33	65-1164	Cylinder head cover washer (paper)	2
67 ...	B31 B33	65-1159	Cylinder head cover (inlet)	1
68 ...	B31 B33	26-1253	Oil return pipe banjo screw (top)	1
69 ...	B31 B33	65-1215	Oil return pipe complete	1
70 ...	B31 B33	65-1153	Engine steady stay	1
71 ...	B31 B33	15-480	Engine steady stay bolt	1
72 ...	B31 B33	24-8784	Engine steady stay washer	1
73 ...	B31 B33	2-49	Engine steady stay bolt nut	1
74 ...	B31	65-1111	Valve (inlet)	1
74 ...	B33	65-1239	Valve (inlet)	1
75 ...	B31 B33	65-1519	Valve spring seat	2
76 ...	B31 B33	65-1544	Rocker oil feed pipe complete	1
76 ...	B31 B33	42-48	Rocker oil feed pipe complete	1
	(swinging arm)			
77 ...	B31	66-482	Connecting rod with bushes	1
77 ...	B33	65-1613	Connecting rod with bushes	1
78 ...	B31 B33	66-492	Gudgeon pin bush	1
79 ...	B31 B33	66-954	Gudgeon pin retaining circlip	1
80 ...	B31	65-809	Piston complete with rings, gudgeon pin and circlips	1
80 ...	B33	65-1692	Piston complete with rings, gudgeon pin and circlips	1
80 ...	B33	65-1660	Piston complete with rings, gudgeon pin and circlips (7.5 to 1 C.R.)	1
80 ...	B33	65-1256	Piston complete with rings, gudgeon pin and circlips (8.5 to 1 C.R.)	1
80 ...	B33	65-1278	Piston complete with rings, gudgeon pin and circlips (11 to 1 C.R.)	1
81 ...	B31	65-744	Compression ring	2
81 ...	B33	65-1250	Compression ring	2
81 ...	B33	24-1792	Compression ring (Maxigroove)	2
82 ...	B31	65-735	Piston scraper ring	1
82 ...	B33	65-1253	Piston scraper ring	1
83 ...	B31 B33	66-954	Gudgeon pin retaining circlip	1
84 ...	B31	65-440	Gudgeon pin	1
84 ...	B33	66-953	Gudgeon pin	1
85 ...	B31 B33	24-375	Crankpin roller	24
86 ...	B31 B33	66-506	Roller cage	1
87 ...	B31 B33	26-1253	Oil return pipe banjo screw (bottom)	1
88 ...	B31 B33	65-2890	Exhaust pipe finned collar	1
89 ...	B31 B33	21-5102	Exhaust pipe finned collar nut	1
90 ...	B31 B33	29-541	Exhaust pipe finned collar screw washer	1
91 ...	B31 B33	21-6187	Exhaust pipe finned collar screw	1
92 ...	B31 B33	42-50	Engine steady plate	1
	(swinging arm)			

Plate 2

ENGINE

B31 B33 Rigid and Spring
B31 B33 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1 ...	B31 B33	1/4" dia.	Oil valve spring ball	1
2 ...	B31 B33	66-1684	Oil valve spring	1
3 ...	B31 B33	66-1683	Oil valve retaining screw washer (fibre)	1
4 ...	B31 B33	65-2188	Oil valve spring retaining screw	1
5 ...	B31 B33	65-2157	Timing cover screw	9
6 ...	B31 B33	65-2143	Timing cover	1
7 ...	B31 B33	66-1920	Timing cover washer	1

Plate 2—continued.

ENGINE

B31 B33 Rigid and Spring
B31 B33 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
8	B31 B33	66-698	Engine shaft oil feed pipe	1
9	B31 B33	29-905	Engine shaft timing pinion nut	1
10	B31 B33	66-1923	Timing cover oil feed washer (rubber)	2
11	B31 B33	66-2007	Cam pinion spindle bolt	2
12	B31 B33	66-2008	Timing gear plate with bearing	1
13	B31 B33	65-441	Cam pinion bush (exhaust)	2
14	B31 B33	65-2420	Cam pinion complete (exhaust)	1
15	B31 B33	65-2426	Cam pinion spindle (exhaust)	1
16	B31 B33	65-692	Engine shaft timing pinion	1
17	B31 B33	66-1493	Tappet (inlet and exhaust)	2
18	B31 B33	66-1494	Tappet guide (inlet and exhaust)	2
19	B31 B33	15-6524	Tappet locknut	2
20	B31 B33	66-1511	Tappet head (inlet and exhaust)	2
21	B31 B33	66-1616	Crankcase with fixed fittings (gear side)	1
22	B31 B33	31-212	Crankcase stud (top) (rear)	1
23	B31 B33	66-2321	Magdyno strap (short)	1
24	B31 B33	65-2353	Magdyno strap eye plug (tapped)	1
25	B31 B33	66-2320	Magdyno strap (long)	1
26	B31 B33	65-2352	Magdyno strap eye plug (plain)	1
27	B31 B33	29-4662	Magdyno strap eye plug saddle washer	1
28	B31 B33	2-923	Magdyno strap clip bolt washer	1
29	B31 B33	27-5156	Magdyno strap clip bolt	1
30	B31 B33	66-1642	Crankcase with fixed fittings (drive side)	1
31	B31 B33	15-1355	Crankcase connecting bolt	3
32	B31 B33	24-949	Crankcase stud (rear)	1
33	B31 B33	66-1683	Crankcase oil pipe adaptor washer	2
34	B31 B33	65-2252	Crankcase oil pipe adaptor	2
35	B31	65-1125	Flywheel with engine shaft (gear side)	1
35	B33	65-1742	Flywheel with engine shaft (gear side)	1
36	B31 B33	2-4553	Crankcase drain plug washer (fibre)	1
37	B31 B33	28-243	Crankcase drain plug	1
38	B31	65-1123	Flywheel with engine shaft (drive side)	1
38	B33	65-1740	Flywheel with engine shaft (drive side)	1
39	B31 B33	27-1239	Engine shaft rivet	14
40	B31 B33	66-545	Crankpin	1
41	B31 B33	65-1128	Engine shaft (drive side)	1
42	B31 B33	2-36	Crankpin key	1
43	B31 B33	66-630	Thrust washer rivet	6
44	B31 B33	66-629	Thrust washer	2
45	B31 B33	65-2520	Cush drive bearing nut	1
46	B31 B33	65-2521	Cush drive bearing lockwasher	1
47	B31 B33	67-1136	Cush drive spring	1
47	B31 B33	66-1706	Cush drive spring (1954)	1
48	B31 B33	67-1135	Cush drive sleeve	1
48	B31 B33	15-1555	Cush drive sleeve (1954)	1
49	B31	65-2537	Engine sprocket (17T)	1
49	B31	15-1567	Engine sprocket (17T) (1954)	1
49	B33	45-2776	Engine sprocket (19T)	1
49	B33	15-1565	Engine sprocket (19T) (1954)	1
50	B31 B33	65-2539	Cush drive bearing	1
50	B31 B33	65-2523	Cush drive bearing (1954)	1
51	B31 B33	65-2528	Cush drive distance piece (.406"-.411")	1
51	(swinging arm)			
51	B31 B33	65-2540	Cush drive distance piece (.233"-.238")	As required
51	B31 B33	65-2528	Cush drive distance piece (.320"-.325") 1954	1
51	B31 B33	65-2529	Cush drive distance piece (.288"-.293")	As required
51	B31 B33	65-2530	Cush drive distance piece (.256"-.261")	As required
52	B31 B33	66-1707	Cush drive bearing alignment washer (.032")	As required
52	B31 B33	66-1708	Cush drive bearing alignment washer (.064")	As required
53	B31 B33	66-661	Engine shaft shim (drive side)	1
54	B31 B33	65-2045	Ball bearing (drive side) 6205	1
54A	B31 B33	66-660	Engine shaft distance collar	1
55	B31 B33	65-2240	Main bearing spring ring	1
56	B31 B33	24-724	Roller bearing (drive side)	1
57	B31 B33	24-2113	Oil flinger	1
58	B31 B33	65-1129	Engine shaft (gear side)	1
59	B31 B33	65-479	Crankpin oil hole grub screw	1
60	B31 B33	31-300	Crankpin nut locking washer	2

Plate 2

ENGINE

B31 B33 Rigid and Spring
B31 B33 Swinging Arm Frame

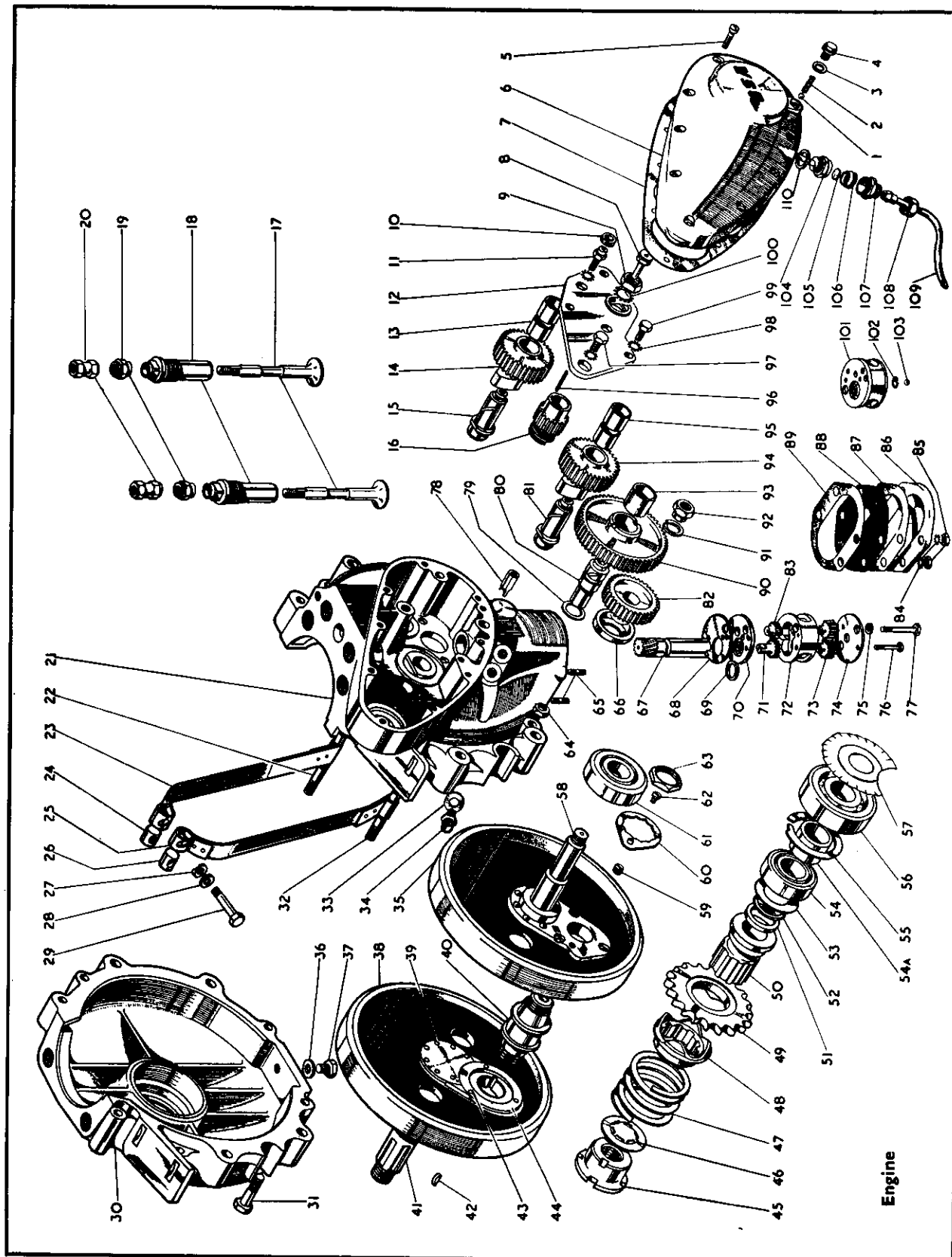


Plate 2—continued.

ENGINE

B31 B33 Rigid and Spring
B31 B33 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
61 ...	B31 B33	24-722	Roller bearing (gear side) <i>403454 B</i>	1
62 ...	B31 B33	2-77	Crankpin nut locking washer screw	2
63 ...	B31 B33	31-298	Crankpin nut	2
64 ...	B31 B33	2-49	Crankcase connecting bolt nut	5
65 ...	B31 B33	31-222	Crankcase scavenge cover stud	4
66 ...	B31 B33	65-2316	Magdyno driving pinion oil seal <i>20.64 X 35, 18 X 9.92</i>	1
67 ...	B31 B33	66-2620	Oil pump driving spindle	1
68 ...	B31 B33	65-2618	Oil pump and crankcase joint washer	1
69 ...	B31 B33	65-2606	Oil pump top plate washer	1
70 ...	B31 B33	65-2598	Oil pump top plate	1
71 ...	B31 B33	65-2601	Oil pump feed gear (driver)	1
72 ...	B31 B33	65-2596	Oil pump body	1
73 ...	B31 B33	65-2599	Oil pump scavenge gear	2
74 ...	B31 B33	65-2625	Oil pump bottom plate	1
75 ...	B31 B33	24-978	Oil pump bolt washer (spring)	2
76 ...	B31 B33	15-848	Oil pump bolt	2
77 ...	B31 B33	65-2604	Oil pump fixing bolt	2
78 ...	B31 B33	65-2580	Oil pump driving spindle retaining pin	1
79 ...	B31 B33	36-3528	Idler pinion thrust washer	1
80 ...	B31 B33	65-2335	Idler pinion spindle	1
81 ...	B31 B33	65-2425	Cam pinion spindle (inlet)	1
82 ...	B31 B33	65-2334	Magdyno driving pinion	1
83 ...	B31 B33	65-2600	Oil pump feed gear (driven)	1
84 ...	B31 B33	29-541	Crankcase scavenge cover stud washer	4
85 ...	B31 B33	2-51	Crankcase scavenge cover stud nut	4
86 ...	B31 B33	65-2611	Crankcase scavenge cover	1
87 ...	B31 B33	65-2612	Crankcase scavenge cover washer	1
88 ...	B31 B33	65-2623	Crankcase scavenge gauze	1
89 ...	B31 B33	65-2612	Crankcase scavenge cover washer	1
90 ...	B31 B33	66-2250	Magdyno drive idler pinion complete	1
91 ...	B31 B33	2-2903	Magdyno driving pinion washer (spring)	1
92 ...	B31 B33	24-195	Magdyno driving pinion nut	1
93 ...	B31 B33	65-2336	Idler pinion bush	1
94 ...	B31 B33	65-2420	Cam pinion complete (inlet)	1
95 ...	B31 B33	65-441	Cam pinion bush (inlet)	2
96 ...	B31 B33	65-693	Engine shaft timing pinion key	1
97 ...	B31 B33	1-5069	Timing gear plate bolt	1
98 ...	B31 B33	36-382	Timing gear plate washer (shakeproof)	6
99 ...	B31 B33	21-2902	Timing gear plate bolt	3
100 ...	B31 B33	65-695	Timing pinion locking washer	1
101 ...	B31 B33	65-2619	Oil pump complete	1
102 ...	B31 B33	65-2622	Oil pump ball retaining circlip	1
103 ...	B31 B33	7/32" dia.	Oil pump ball	1
104 ...	B31 B33	65-2168	Timing cover air release adaptor	1
105 ...	B31 B33	15-82	Air release disc	1
106 ...	B31 B33	65-2171	Air release adaptor screw	1
107 ...	B31 B33	65-2165	Timing cover air release body	1
108 ...	B31 B33	66-8332	Breather extension pipe nut	1
109 ...	B31 B33	65-2166	Timing cover breather extension pipe	1
110 ...	B31 B33	31-8430	Air release adaptor (washer fibre)	1

Plate 3

ENGINE

B32 B34 Rigid Frame (Competition)
B32 B34 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1 ...	B32	65-1601	Cylinder barrel with liner	1
1 ...	B34	65-1503	Cylinder barrel with liner	1
2 ...	B32	65-1756	Cylinder head with fixed fittings	1
2 ...	B34	65-1749	Cylinder head with fixed fittings	1
3 ...	B32 B34	65-1587	Rocker box joint washer (tower)	1
4 ...	B32 B34	65-1591	Cylinder head and rocker box stud (long)	3
5 ...	B32 B34	65-1084	Push rod complete	2

Plate 3—continued

ENGINE

B32 B34 Rigid Frame (Competition)
B32 B34 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
6	... B32 (Rigid Competition)	42-2748	Exhaust pipe ...	1
6	... B34 (Rigid Competition)	42-2822	Exhaust pipe ...	1
6	... B32 (Swinging Arm)	42-2778	Exhaust pipe (1954) ...	1
6	... B34 (Swinging Arm)	42-2705	Exhaust pipe (1954) ...	1
7	... B32 B34	65-1592	Cylinder head and rocker box stud (short)	6
8	... B32	65-1760	Exhaust valve ...	1
8	... B34	65-1753	Exhaust valve ...	1
9	... B32	65-1596	Valve guide (exhaust)	1
9	... B34	65-1598	Valve guide (exhaust)	1
10	... B32	65-1627	Valve spring collar (exhaust)	1
10	... B34	65-1629	Valve spring collar (exhaust)	1
11	... B32	65-1626	Valve spring split cotter (exhaust) (halves)	2
11	... B34	65-1625	Valve spring split cotter (exhaust) (halves)	2
12	... B32 B34	65-1590	Rocker box inspection cover joint washer	1
13	... B32 B34	65-1589	Rocker box inspection cover	1
14	... B32 B34	24-8784	Rocker box stud nut washer	9
15	... B32 B34	2-49	Rocker box stud nut	9
16	... B32 B34	2-433	Exhaust lifter spindle nut	1
17	... B32 B34	2-525	Exhaust lifter washer	1
18	... B32 B34	65-1137	Exhaust lifter ...	1
19	... B32 B34	2-443	Exhaust lifter cable holder nut	1
20	... B32 B34	27-1163	Exhaust lifter cable holder	1
21	... B32 B34	35-701	Exhaust lifter split pin	1
22	... B32 B34	65-1165	Exhaust lifter spindle	1
23	... B32 B34	2-2894	Exhaust lifter spindle washer (fibre)	1
24	... B32 B34	65-387	Exhaust lifter bush	1
25	... B32 B34	65-401	Exhaust lifter spindle washer (felt)	1
26	... B32 B34	65-402	Exhaust lifter spindle washer	1
27	... B32 B34	65-403	Exhaust lifter spindle spring	1
28	... B32 B34	66-1431	Exhaust lifter lever	1
29	... B32 B34	2-525	Exhaust lifter washer	1
30	... B32 B34	2-443	Exhaust lifter spindle nut	1
31	... B32 B34	65-317	Rocker oil feed pipe banjo screw	2
32	... B32 B34	31-8430	Rocker oil feed pipe banjo washer (fibre)	1
33	... B32 B34	65-1100	Valve rocker (exhaust)	1
34	... B32 B34	27-1111	Valve rocker fulcrum pin thrust washer	2
35	... B32 B34	65-1102	Valve rocker (inlet)	1
36	... B32 B34	65-1117	Valve rocker fulcrum pin spring	2
37	... B32 B34	65-1118	Valve rocker fulcrum pin washer	2
38	... B32 B34	65-1161	Valve rocker fulcrum pin	2
39	... B32	65-1759	Valve (inlet)	1
39	... B34	65-1752	Valve (inlet)	1
40	... B32 B34	65-1519	Valve spring seat	2
41	... B32	65-1595	Valve guide (inlet)	1
41	... B34	65-1597	Valve guide (inlet)	1
42	... B32	65-1249	Valve spring (outer)	2
42	... B34	65-1147	Valve spring (outer)	2
43	... B32 B34	65-1259	Valve spring (inner)	2
44	... B32	65-1628	Valve spring collar (inlet)	1
44	... B34	65-1627	Valve spring collar (inlet)	1
45	... B32	65-1624	Valve spring split cotter (inlet) (halves)	2
45	... B34	65-1626	Valve spring split cotter (inlet) (halves)	2
46	... B32 B34	66-8338	Rocker oil feed pipe connection (rubber)	1
47	... B32 B34	65-1366	Rocker spindle oil feed pipe clip	1
48	... B32 B34	65-1506	Rocker box	1
49	... B32 B34	65-1588	Rocker box joint washer	2
50	... B32 B34	65-311	Valve rocker fulcrum pin nut	2
51	... B32 B34	36-481	Valve rocker fulcrum pin washer	2
52	... B32 B34	2-49	Engine steady stay bolt nut	1
53	... B32 B34	24-8784	Engine steady stay bolt washer	1
54	... B32 B34	15-480	Engine steady stay bolt	1
55	... B32 B34	65-1339	Spark plug	1
55A	... B32 B34	67-985	Spark plug waterproof cover	1

Plate 3

ENGINE

B32 B34 Rigid Frame (Competition)
B32 B34 Swinging Arm Frame

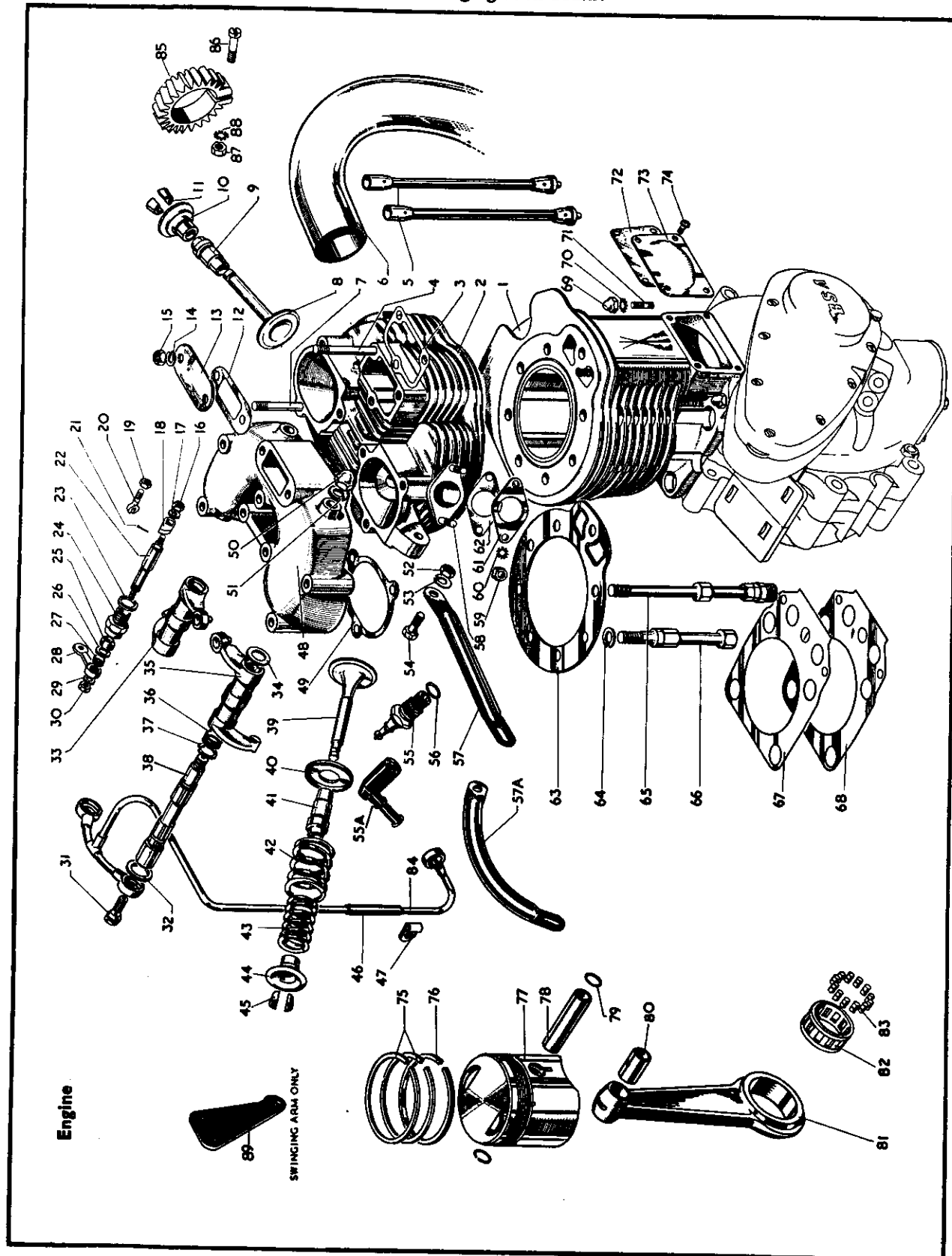


Plate 3—continued

ENGINE

B32 B34 Rigid Frame (Competition)
B32 B34 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
56 ...	B32 B34	66-102	Spark plug washer	1
57 ...	B32 B34	65-1153	Engine steady stay	1
57A ...	B34	65-1433	Engine steady stay (for use with twin top feed T.T. carburetter)	1
58 ...	B32 B34	29-565	Carburetter stud	2
59 ...	B32 B34	2-49	Carburetter stud nut	2
60 ...	B32 B34	36-382	Carburetter stud nut washer	2
61 ...	B32	65-1163	Carburetter flange washer (Tufnol)	1
61 ...	B34	65-1238	Carburetter flange washer (Tufnol)	2
62 ...	B32	65-1162	Carburetter flange washer (paper)	2
62 ...	B34	65-1232	Carburetter flange washer (paper)	2
63 ...	B32	65-1606	Cylinder head gasket	1
63 ...	B34	65-1580	Cylinder head gasket	1
64 ...	B32	2-2903	Cylinder head bolt washer	4
64 ...	B34	3-110	Cylinder head bolt washer	4
65 ...	B32	65-1609	Cylinder holding down bolt	4
65 ...	B34	65-1403	Cylinder and head holding down bolt	4
66 ...	B32	66-134	Cylinder head and barrel bolt	4
66 ...	B34	65-1413	Cylinder head bolt (medium)	4
67 ...	B32 B34	65-1650	Cylinder base shim (.010")	As required
67 ...	B32 B34	65-1651	Cylinder base shim (.020")	As required
67 ...	B32 B34	65-1652	Cylinder base shim (.030")	As required
67 ...	B32 B34	65-1653	Cylinder base shim (.064")	As required
68 ...	B32 B34	65-1582	Cylinder base washer	1
69 ...	B32 B34	65-930	Cylinder barrel stud nut	2
70 ...	B32 B34	29-541	Cylinder barrel stud nut washer	2
71 ...	B32 B34	24-4227	Cylinder barrel stud	1
72 ...	B32 B34	66-1937	Push rod tappet recess cover joint washer	1
73 ...	B32 B34	66-1936	Push rod tappet recess cover	1
74 ...	B32 B34	29-2158	Push rod tappet recess cover screw	4
75 ...	B32	65-744	Compression ring	2
75 ...	B34	65-1250	Compression ring	2
76 ...	B32	65-735	Scraper ring	1
76 ...	B34	65-1253	Scraper ring	1
77 ...	B32	65-1679	Piston complete with gudgeon pin, rings and circlips (standard) (C.R. 6.5 to 1)	1
77 ...	B34	65-1244	Piston complete with gudgeon pin, rings and circlips (standard) (C.R. 6.8 to 1)	1
77 ...	B34	65-1264	Piston complete with gudgeon pin, rings and circlips (standard) (C.R. 7.5 to 1)	1
78 ...	B32	65-440	Gudgeon pin	1
78 ...	B34	66-953	Gudgeon pin	1
79 ...	B32 B34	66-954	Gudgeon pin retaining ring	2
80 ...	B32 B34	66-492	Gudgeon pin bush	1
81 ...	B32	65-1640	Connecting rod complete with bushes	1
81 ...	B34	66-482	Connecting rod complete with bushes	1
82 ...	B32 B34	66-506	Crankpin roller cage	1
83 ...	B32 B34	24-375	Crankpin roller	24
84 ...	B32 B34	42-65	Rocker oil feed pipe with rubber connection	1
84 ...	B32 B34	42-48	Rocker oil feed pipe complete (1954)	1
85 ...	(swinging arm) B32	67-2694	Exhaust pipe finned collar	1
85 ...	(swinging arm) B34	65-2890	Exhaust pipe finned collar	1
86 ...	(swinging arm) B32 B34	21-6187	Exhaust pipe finned collar screw	1
87 ...	(swinging arm) B32 B34	21-5102	Exhaust pipe finned collar nut	1
88 ...	(swinging arm) B32 B34	29-541	Exhaust pipe finned collar washer	1
89 ...	(swinging arm) B32 B34	42-50	Engine steady plate	1

Plate 4

ENGINE

B32 B34 Rigid Frame (Competition)
B32 B34 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B32 B34	65-2188	Oil valve spring retaining screw	1
2	B32 B34	66-1683	Oil valve spring retaining screw washer (fibre)	1
3	B32 B34	66-1684	Oil valve spring	1
4	B32 B34	1/4" dia.	Oil valve spring ball	1
5	B32 B34	65-2157	Timing cover screw	9
6	B32 B34	65-2143	Timing cover complete	1
7	B32 B34	65-2166	Timing cover breather extension pipe	1
8	B32	15-8434	Timing cover breather extension pipe nut	1
8	B34	66-8332	Timing cover breather extension pipe nut	1
9	B32 B34	65-2165	Air release body	1
10	B32 B34	65-2171	Air release adaptor screw	1
11	B32 B34	15-82	Air release disc	1
12	B32 B34	65-2168	Timing cover air release adaptor complete	1
13	B32 B34	31-8430	Air release adaptor washer (fibre)	1
14	B32 B34	66-2007	Cam pinion spindle bolt	2
15	B32 B34	66-1923	Oil feed washer (rubber)	2
16	B32 B34	36-382	Cam pinion spindle bolt washer	2
17	B32 B34	66-698	Engine shaft oil feed pipe	1
18	B32 B34	29-905	Engine shaft timing pinion nut	1
19	B32 B34	65-695	Engine shaft timing pinion locking washer	1
20	B32 B34	66-2008	Timing gear plate complete	1
21	B32 B34	21-2902	Timing gear plate bolt (Whit.)	3
22	B32 B34	36-382	Timing gear plate bolt washer (shakeproof)	2
23	B32 B34	1-5089	Timing gear plate bolt	1
24	B32 B34	36-382	Timing gear plate bolt washer (shakeproof)	2
25	B32 B34	66-2250	Magdyno drive idler pinion	1
26	B32 B34	24-195	Magdyno driving pinion nut	1
27	B32 B34	2-2903	Magdyno driving pinion washer (spring)	1
28	B32 B34	65-2334	Magdyno driving pinion	1
29	B32 B34	65-2316	Magdyno driving pinion oil seal	1
30	B32 B34	7/32" dia.	Oil pump valve body ball	1
31	B32 B34	65-2622	Oil pump valve body ball circlip	1
32	B32 B34	65-2619	Oil pump complete	1
33	B32 B34	65-2604	Oil pump fixing bolt	2
34	B32 B34	15-848	Oil pump bolt	2
35	B32 B34	24-978	Oil pump fixing bolt washer	2
36	B32 B34	65-2625	Oil pump bottom plate	1
37	B32 B34	65-2599	Oil pump scavenge gear	1
38	B32 B34	65-2596	Oil pump body	1
39	B32 B34	65-2600	Oil pump feed gear (driven)	1
40	B32 B34	65-2601	Oil pump feed gear (driver)	1
41	B32 B34	65-2606	Oil pump top plate washer	1
42	B32 B34	65-2598	Oil pump top plate	1
43	B32 B34	65-2618	Oil pump and crankcase joint washer	1
44	B32 B34	66-2620	Oil pump driving spindle	1
45	B32 B34	31-222	Crankcase scavenge cover stud	4
46	B32 B34	2-49	Crankcase connecting bolt nut	5
47	B32 B34	66-1920	Timing cover washer	1
48	B32 B34	65-693	Engine shaft timing pinion key	1
49	B32 B34	65-692	Engine shaft timing pinion	1
50	B32 B34	65-441	Cam pinion bush	4
51	B32 B34	65-2420	Exhaust cam pinion complete	1
52	B32 B34	65-2420	Inlet cam pinion complete	1
53	B32 B34	65-2426	Cam pinion spindle (exhaust)	1
54	B32 B34	65-2425	Cam pinion spindle (inlet)	1
55	B32 B34	65-2580	Oil pump driving spindle retaining pin	1
56	B32 B34	36-3628	Magdyno drive idler pinion thrust washer	1
57	B32 B34	65-2336	Magdyno drive idler pinion bush	1
58	B32 B34	65-2335	Magdyno drive idler pinion spindle	1
59	B32 B34	2-51	Crankcase scavenge cover stud nut	4
60	B32 B34	29-541	Crankcase scavenge cover washer (shakeproof)	4
61	B32 B34	65-2611	Crankcase scavenge cover	1
62	B32 B34	65-2623	Oil pump filter	1
63	B32 B34	65-2612	Crankcase scavenge cover washer (oil proof)	2
64	B32 B34	24-722	Roller bearing (gear side)	1
65	B32 B34	65-1129	Engine shaft (gear side)	1
66	B32 B34	31-298	Crankpin nut	2
67	B32 B34	2-77	Crankpin locking screw	2
67A	B32 B34	31-300	Crankpin locking nut washer	1

Plate 4

ENGINE

B32 B34 Rigid Frame (Competition)
B32 B34 Swinging Arm Frame

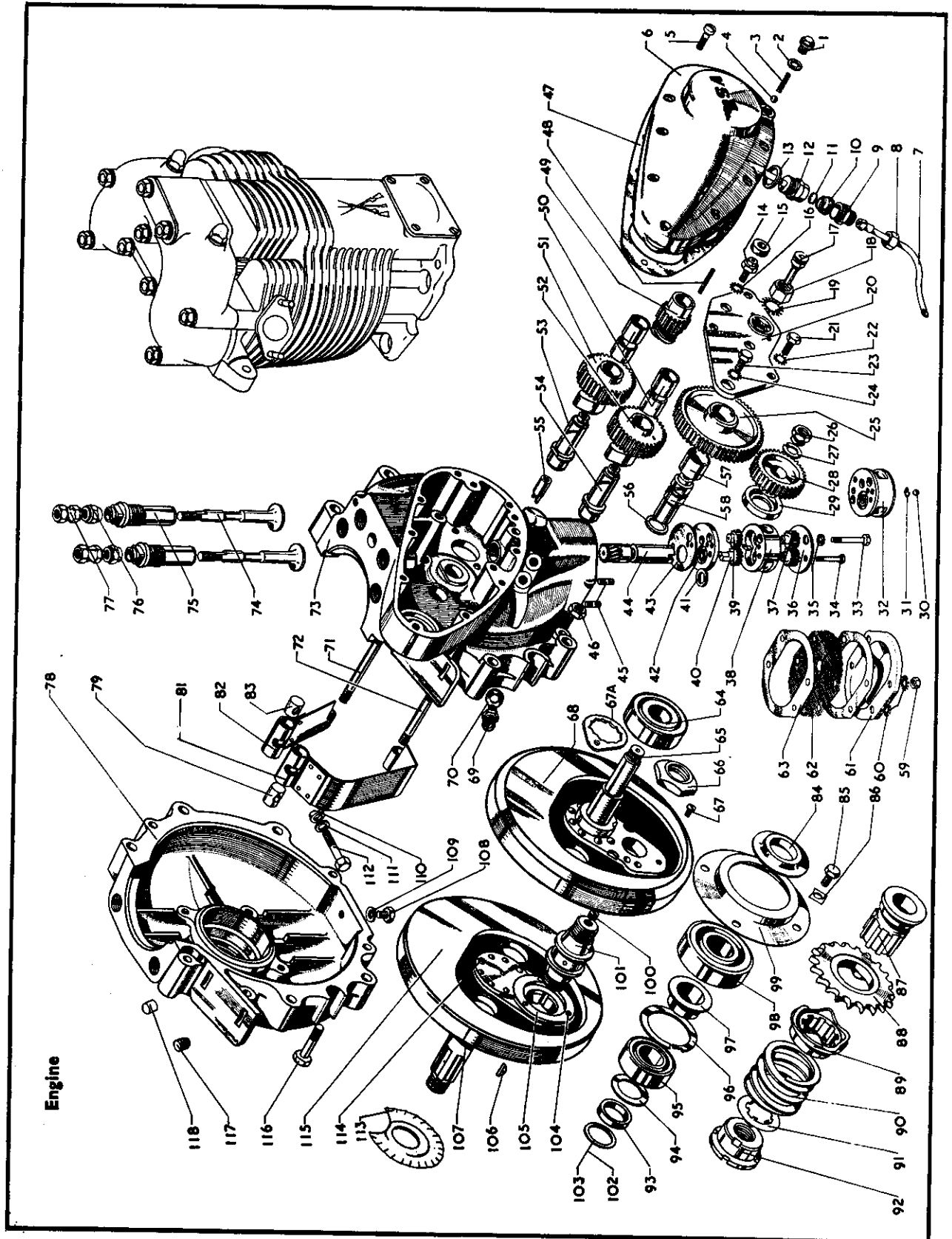


Plate 4—continued

ENGINE

B32 B34 Rigid Frame (Competition)
B32 B34 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
68 ...	B32	65-1125	Flywheel with engine shaft assembly (gear side) ...	1
68 ...	B34	65-1235	Flywheel with engine shaft assembly (gear side) ...	1
69 ...	B32 B34	65-2252	Oil pipe crankcase pipe adaptor ...	1
70 ...	B32 B34	66-1683	Oil pipe crankcase pipe adaptor washer (fibre) ...	2
71 ...	B32 B34	31-212	Crankcase stud (top) (rear) ...	1
72 ...	B32 B34	24-949	Crankcase stud (rear) ...	1
73 ...	B32 B34	66-1616	Crankcase with fixed fittings (gear side) ...	1
74 ...	B32 B34	66-1493	Inlet and exhaust tappet ...	2
75 ...	B32 B34	66-1494	Tappet guide (inlet and exhaust) ...	2
76 ...	B32 B34	65-1332	Inlet and exhaust tappet locknut ...	2
77 ...	B32 B34	66-1611	Inlet and exhaust tappet head ...	2
78 ...	B32 B34	66-1656	Crankcase with fixed fittings (drive side) ...	1
79 ...	B32 B34	65-2352	Strap eye plug (plain) ...	1
81 ...	B32 B34	65-1423	Magneto strap (long) ...	1
82 ...	B32 B34	65-1425	Magneto strap (short) ...	1
83 ...	B32 B34	65-2353	Eye plug tapped ...	1
84 ...	B32 B34	66-660	Engine shaft distance collar (inner) (drive side) ...	1
87 ...	B32 B34	65-2539	Cush drive bearing ...	1
87 ...	B32 B34 (rigid)	65-2523	Cush drive bearing (1954) ...	1
88 ...	B32	65-2430	Engine sprocket (16T) ...	1
88 ...	B32 (rigid)	65-2536	Engine sprocket (16T) ...	1
88 ...	B32 B34 (rigid)	15-1568	Engine sprocket (16T) (1954) ...	1
88 ...	B34 (rigid)	65-2538	Engine sprocket (20T) ...	1
88 ...	B32 B34 (rigid)	15-1564	Engine sprocket (20T) (1954) ...	1
89 ...	B32 B34	67-1135	Cush drive sleeve ...	1
89 ...	B32 B34 (rigid)	15-1555	Cush drive sleeve (1954) ...	1
89 ...	B32	65-2431	Cush drive sliding sleeve (for use with 65-2430 sprocket) ...	1
90 ...	B32 B34	67-1136	Cush drive spring ...	1
90 ...	B32 B34 (rigid)	66-1706	Cush drive spring (1954) ...	1
91 ...	B32 B34	65-2521	Cush drive bearing locking washer ...	1
92 ...	B32 B34	65-2520	Cush drive bearing nut ...	1
93 ...	B32 B34	65-2528	Cush drive distance piece ...	1
93 ...	B32 B34 (rigid)	42-42	Cush drive distance piece (1954) ...	1
94 ...	B34	66-661	Engine shaft shim (drive side) ...	1
95 ...	B34	65-2045	Ball bearing (drive side) ...	1
96 ...	B34	65-2240	Main bearing spring ring ...	1
98 ...	B32 B34	24-724	Roller bearing (drive side) ...	1
99 ...		65-1397	Bearing retaining plate (not required for above models) ...	1
100 ...	B32 B34	65-479	Crankpin plug screw ...	1
101 ...	B32 B34	66-545	Crankpin ...	1
102 ...	B32 B34	66-1708	Cush drive bearing alignment washer (.064") ...	1
103 ...	B32 B34	66-1707	Cush drive bearing alignment washer (.032") ...	1
104 ...	B32 B34	66-630	Connecting rod thrust washer rivet ...	6
105 ...	B32 B34	66-629	Connecting rod thrust washer ...	2
106 ...	B32 B34	2-36	Crankpin key ...	1
107 ...	B32 B34	65-1128	Engine shaft (drive side) ...	1
108 ...	B32 B34	28-243	Crankcase drain plug ...	1
109 ...	B32 B34	2-4553	Crankcase drain plug washer ...	1
110 ...	B32 B34	29-4662	Saddle washer (magneto strap) ...	1
111 ...	B32 B34	2-923	Strap clip bolt washer (plain) ...	1
112 ...	B32 B34	29-4661	Strap clip bolt ...	1
113 ...	B32 B34	24-2113	Oil flinger ...	1
114 ...	B32 B34	27-1239	Engine shaft rivet ...	14
115 ...	B32	65-1123	Flywheel with engine shaft assembled (drive side) ...	1
115 ...	B34	65-1233	Flywheel with engine shaft assembled (drive side) ...	1
116 ...	B32 B34	15-1355	Crankcase connecting bolt ...	3
117 ...	B32 B34	66-1717	Magneto dowel (B.T.H.) ...	4
118 ...	B32 B34	66-2313	Magneto dowel (Lucas) ...	4

Plate 5

GEARBOX

B31 B33 Rigid and Spring

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1 ...	B31 B33	66-3140	Gearbox shell complete with fixed fittings ...	1
2 ...	B31 B33	29-3250	Operating pedal spindle rubber ...	1
2 ...	B31 B33	29-3242	Gearbox outer cover stud nut ...	4

Plate 5—continued

GEARBOX

B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
3	B31 B33	65-3364	Outer cover inspection cap	1
4	B31 B33	65-3365	Outer cover inspection cap washer	1
5	B31 B33	66-3125	Gearbox outer cover	1
6	B31 B33	28-2080	Outer cover grease nipple	1
7	B31 B33	66-3065	Gearbox outer and inner cover screw	1
8	B31 B33	65-3397	Kickstarter crank rubber	3
9	B31 B33	15-4227	Ratchet lever sleeve bush	1
10	B31 B33	35-702	Clutch control lever split pin	1
11	B31 B33	15-1485	Clutch control lever nut	1
12	B31 B33	3-720	Clutch push rod lever adjusting screw nut	1
13	B31 B33	65-3403	Clutch push rod lever adjusting screw	1
14	B31 B33	2-525	Clutch control lever nut washer	1
15	B31 B33	65-3360	Clutch push rod lever	1
16	B31 B33	65-3383	Clutch control lever	1
17	B31 B33	65-3417	Gear change operating lever	1
18	B31 B33	2-2395	Pawl pivot locknut	1
19	B31 B33	15-4143	Pawl pivot nut	2
20	B31 B33	2-2578	Kickstarter crank cotter pin nut	2
21	B31 B33	15-5155	Kickstarter crank cotter pin washer	1
22	B31 B33	65-3381	Kickstart pedal	1
23	B31 B33	15-4142	Pawl (bottom)	1
24	B31 B33	15-4141	Pawl (top)	1
25	B31 B33	15-4161	Pawl return spring	1
26	B31 B33	15-4249	Pawl carrier arm (top)	1
27	B31 B33	15-4237	Pawl carrier arm (bottom)	1
28	B31 B33	15-4138	Pawl pivot	1
29	B31 B33	2-2579	Kickstarter crank cotter pin	2
30	B31 B33	2-2211	Operating plate and pawl arm stop screw	1
31	B31 B33	15-4139	Pawl carrier arm main spring	2
32	B31 B33	15-4229	Operating shaft	1
33	B31 B33	15-4228	Operating plate and pawl arm stop	1
34	B31 B33	36-382	Operating plate and pawl arm stop washer	1
35	B31 B33	2-49	Operating plate and pawl arm stop screw nut	2
36	B31 B33	15-4231	Operating plate	1
37	B31 B33	2-440	Operating shaft nut	1
38	B31 B33	15-39	Operating shaft washer	1
39	B31 B33	15-4226	Pedal shaft bush	1
40	B31 B33	15-4241	Indexing plunger complete	1
41	B31 B33	15-4223	Indexing plunger sleeve	1
42	B31 B33	15-4225	Indexing plunger spring	1
43	B31 B33	15-4224	Operating plate indexing plunger	1
44	B31 B33	15-4246	Inner cover and case locking strip	1
45	B31 B33	21-2888	Gearbox inner cover bolt	1
46	B31 B33	66-1910	Gearbox outer cover stud	2
47	B31 B33	15-4233	Gear control quadrant spacing collar	1
48	B31 B33	24-4237	Gearbox distance washer	1
49	B31 B33	15-4232	Gear operating lever locking washer	1
50	B31	2-1813	Gear operating lever nut	1
50	B33	65-3940	Clutch push rod	1
51	B31 B33	66-3067	Clutch push rod	1
52	B31 B33	67-3028	Gearbox inner cover ball journal spring ring	1
53	B31 B33	66-3079	Kickstarter ratchet	1
54	B31 B33	66-3080	Kickstarter ratchet pinion	1
55	B31 B33	66-3259	Kickstarter return stop rubber	1
56	B31 B33	66-3081	Kickstarter ratchet pinion sleeve	1
57	B31 B33	24-4256	Kickstarter ratchet spring	1
58	B31 B33	24-4282	Kickstarter ratchet pinion sleeve nut	1
59	B31 B33	15-4121	Kickstarter quadrant	1
60	B31 B33	66-3058	Kickstarter crank spring	1
61	B31 B33	2-3718	Kickstarter crank spring anchor pin	1
62	B31 B33	24-4258	Kickstarter quadrant bush	1
63	B31 B33	66-3131	Outer cover joint washer	1
64	B31 B33	65-3062	Gearbox cover and case screw	1
65	B31 B33	2-443	Kickstarter crank spring anchor pin nut	4
66	B31 B33	24-4255	Kickstarter ratchet pinion sleeve locknut	1
67	B31 B33	24-4278	Kickstarter ratchet pinion locking washer	1
68	B31 B33	2-525	Foot change operating pedal clamp bolt washer	1
70	B31 B33	65-3361	Foot change operating pedal clamp bolt	1
		15-4206	Ratchet lever complete	1

Plate 5

GEARBOX

B31 B33 Rigid and Spring Frame

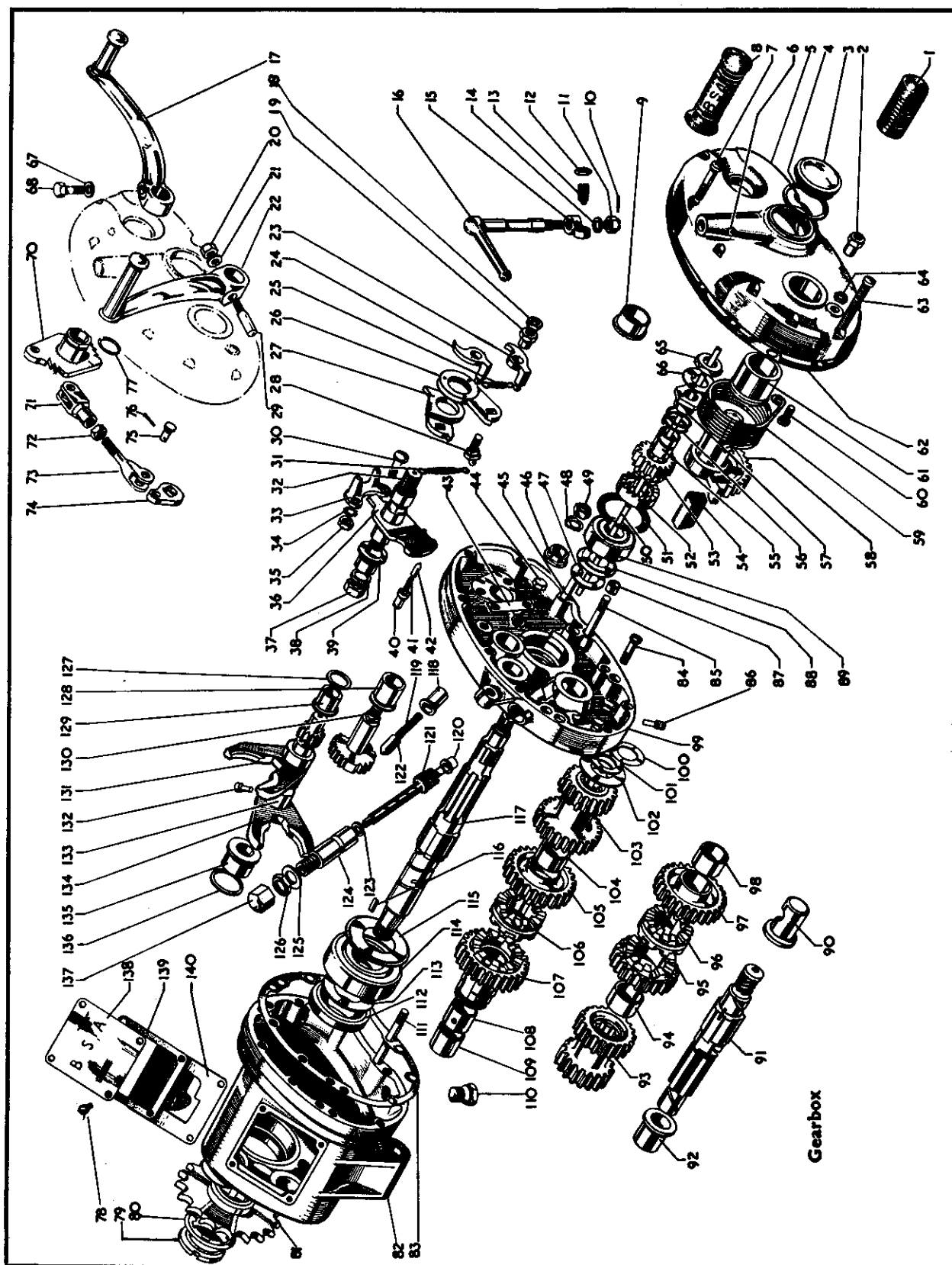


Plate 5—continued

GEARBOX

B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31 B33	15-4253	Gear control link complete	1
71	B31 B33	15-4254	Gear control link yoke	1
72	B31 B33	24-563	Gear control link adjuster nut	1
73	B31 B33	15-4255	Gear control link adjuster	1
74	B31 B33	15-4239	Gear operating lever	1
75	B31 B33	15-4221	Gear control link pin	1
76	B31 B33	35-705	Gear control link pin split pin	2
77	B31 B33	15-4240	Operating shaft clip ring	1
78	B31 B33	27-4258	Gearbox inspection cover screw	1
79	B31 B33	24-4226	Gearbox sprocket locknut	4
80	B31 B33	24-4263	Gearbox sprocket nut locking washer	1
81	B31 B33	65-3506	Gearbox sprocket (19T)	1
82	B31 B33	66-3141	Gearbox shell only	1
83	B31 B33	66-3069	Inner joint washer	1
84	B31 B33	65-2157	Inner cover and case screw	1
85	B31 B33	65-3073	Gearbox outer cover stud	3
86	B31 B33	65-3400	Speedometer bush retaining pin	1
87	B31 B33	66-3074	Gearbox dowel	1
88	B31 B33	24-4236	Gearbox retaining washer (small)	2
89	B31 B33	24-4217	Gearbox inner cover ball journal	1
90	B31 B33	66-3133	Gearbox layshaft bush (long)	1
91	B31 B33	66-3132	Layshaft	1
92	B31 B33	24-4223	Gearbox layshaft bush (short)	1
93	B31 B33	24-4221	Layshaft gear (17T and 20T)	1
94	B31 B33	66-3214	Layshaft gear bush	1
95	B31 B33	66-3215	Layshaft gear (25T) with bush	1
96	B31 B33	24-4393	Gearbox dog clutch	1
97	B31 B33	66-3209	Layshaft gear (29T) with bush	1
98	B31 B33	66-3211	Layshaft gear bush	1
99	B31 B33	66-3128	Inner cover with fixed fittings	1
100	B31 B33	66-3072	Mainshaft packing washer (.010")	1
101	B31 B33	66-3071	Mainshaft packing washer (.005")	1
102	B31 B33	24-4235	Gearbox oil flinger washer	As required
103	B31 B33	24-4231	Mainshaft gear (20T and 16T)	1
104	B31 B33	66-3214	Mainshaft gear bush	1
105	B31 B33	66-3212	Mainshaft gear complete (25T)	1
106	B31 B33	24-4393	Gearbox dog clutch	1
107	B31 B33	15-4165	Pinion sleeve	1
108	B31 B33	66-3156	Pinion sleeve bush (drilled)	1
109	B31 B33	66-3155	Pinion sleeve bush	1
110	B31 B33	28-43	Gearbox drain plug	1
111	B31 B33	29-3304	Gearbox outer cover stud (long)	1
112	B31 B33	65-3508	Gearbox sprocket oil seal	2
113	B31 B33	65-3509	Gearbox sprocket oil seal washer	1
114	B31 B33	24-4065	Gearbox ballrace journal	1
115	B31 B33	24-4225	Gearbox oil retaining washer	1
116	B31 B33	2-433	Gearbox key (mainshaft)	1
117	B31 B33	15-4260	Gearbox mainshaft	1
118	B31 B33	24-4251	Gear control plunger cup	1
119	B31 B33	24-68	Gear control plunger spring	1
120	B31 B33	65-3377	Speedo driven gear bush (small)	1
121	B31 B33	65-3367	Speedo driven gear	1
122	B31 B33	15-4035	Gear control plunger	1
123	B31 B33	65-3375	Speedo driven gear thrust washer	1
124	B31 B33	65-3390	Speedo driven gear bush	1
125	B31 B33	65-3392	Speedo driven gear bush washer (fibre)	1
126	B31 B33	65-3391	Speedo driven gear bush nut	1
—	B31 B33	66-3288	Gear control shaft complete with forks	1
127	B31 B33	66-3087	Gear control shaft bush packing washer (small)	As required
128	B31 B33	24-4248	Gear control quadrant bush	1
129	B31 B33	24-4245	Gear control shaft bush (inner cover)	1
130	B31 B33	24-4247	Gear control quadrant	1
131	B31 B33	66-3290	Gear operating fork	1
132	B31 B33	66-3291	Gear control shaft peg	1
133	B31 B33	66-3083	Gear control shaft	2
134	B31 B33	66-3290	Gear operating fork	1
135	B31 B33	66-3084	Gear control shaft bush	1
136	B31 B33	66-3086	Gear control shaft bush packing washer	As required

Plate 5—continued.

GEARBOX

B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
137 ...	B31 B33	65-3399	Speedo gear bush sealing nut (when speedo is not fitted)	1
138 ...	B31 B33	66-3070	Gearbox inspection cover	1
139 ...	B31 B33	15-4110	Gearbox inspection cover washer	2
140 ...	B31 B33	24-4288	Gearbox oil baffle	1

Clutch and
Front
ChaincaseFrame and
FittingsFront Fork
and
FittingsFront Hub
and Wheel
FittingsRear Hub
and Wheel
FittingsMainshaft
Chaincase
Toolbox etc.Mainshaft
Chaincase
Oil Tank etc.Mainshaft
Fuel Tank
Dual Sump etc.Mainshaft
Chaincase
Oil Tank etc.Fuel Tank
Headlight
Rear BrakeMainshaft
Oil Tank and
Rear ChaincaseHeadlight
Fuel Tank
Mainshaft etc.Mainshaft
Chaincase
Mainshaft etc.Rear Brake
Gear
Mainshaft

Fuel Tank

Fuel Tank

Fuel Tank

Fuel Tank

Plate 6

GEARBOX

B Group Swinging Arm Frame
B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1 ...	B Group (swinging arm)	67-3026	Ball bearing spring ring	1
2 ...	B32 B34 (rigid)	67-3067	Gearbox sprocket oil seal	1
3 ...	B Group (swinging arm)	24-4065	Constant mesh gear ball bearing	1
4 ...	B32 B34 (rigid)	67-3073	Constant mesh gear bush	1
5 ...	B Group (swinging arm)	67-3192	Constant mesh gear complete (26T)	1
6 ...	B32 B34 (rigid)	67-3309	Constant mesh gear complete (26T)	1
7 ...	B Group (swinging arm)	67-3080	Constant mesh gear bush (drilled)	1
8 ...	B32 B34 (rigid)	67-3201	Mainshaft sliding gear (20T)	1
9 ...	B Group (swinging arm)	67-3301	Mainshaft sliding gear (17T)	1
10 ...	B32 B34 (rigid)	67-3210	Mainshaft sliding gear (22T)	1
11 ...	B Group (swinging arm)	67-3202	Mainshaft sliding gear (24T)	1
12 ...	B32 B34 (rigid)	67-3329	Gearbox mainshaft complete with gear	1
13 ...	B Group (swinging arm)	67-3330	Gearbox mainshaft only	1
14 ...	B32 B34 (rigid)	67-3313	Gearbox mainshaft only	1
15 ...	B Group (swinging arm)	2-433	Gearbox mainshaft key	1
16 ...	B32 B34 (rigid)	42-3050	Clutch push rod	1
17 ...	B32 B34 (rigid and swinging arm)	29-3860	Clutch push rod	1
18 ...	B Group (swinging arm)	67-3101	Mainshaft gear locating ring	1
19 ...	B32 B34 (rigid)	67-3191	Gearbox mainshaft gear (16T)	1
20 ...	B Group (swinging arm)	24-4217	Mainshaft bearing	1
21 ...	B32 B34 (rigid)	67-3028	Mainshaft bearing spring ring	1
22 ...	B Group (swinging arm)	67-3161	Kickstarter ratchet pinion sleeve washer	1
23 ...	B32 B34 (rigid)	67-3169	Kickstarter ratchet pinion bush	1
24 ...	B Group (swinging arm)	67-3162	Kickstarter ratchet spring	1
25 ...	B32 B34 (rigid)	67-3168	Kickstarter ratchet pinion	1
26 ...	B Group (swinging arm)	67-3167	Kickstarter ratchet	1
27 ...	B32 B34 (rigid)	67-3164	Kickstarter ratchet and mainshaft lockwasher	1
28 ...	B Group (swinging arm)	67-3163	Kickstarter ratchet and mainshaft nut	1
29 ...	B32 B34 (rigid)	65-3380	Gear change operating lever	1
30 ...	B Group (swinging arm)	29-3250	Foot operating lever rubber	1
31 ...	B32 B34 (rigid)			

Plate 6

GEARBOX

B Group Swinging Arm Frame
B32 B34 Rigid Frame (Competition)

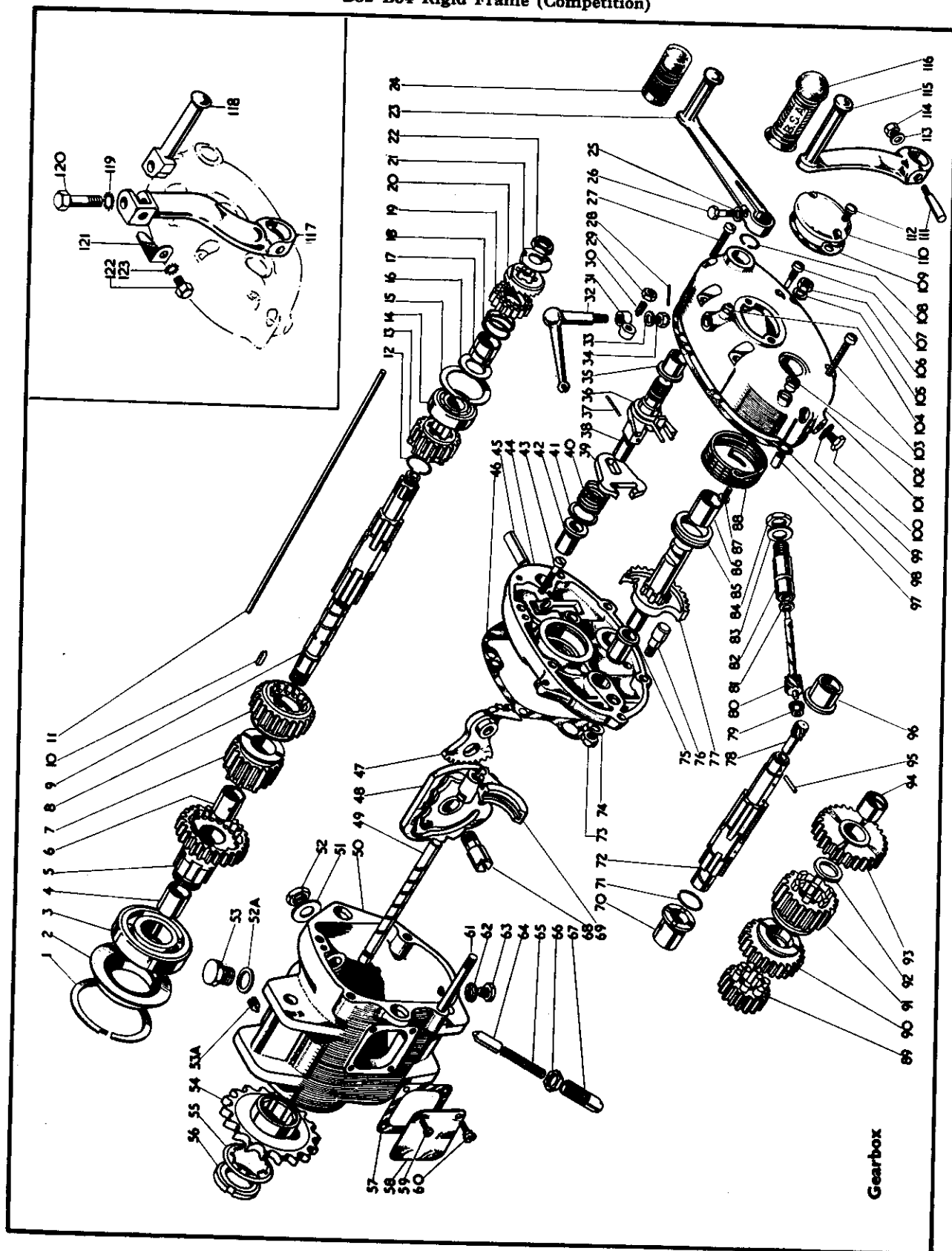


Plate 6—continued

GEARBOX

B Group Swinging Arm Frame
B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
25 ...	B Group (swinging arm) B32 B34 (rigid)	2-525 ...	Foot operating lever screw washer ...	1
26 ...	B Group (swinging arm) B32 B34 (rigid)	65-3361 ...	Selector lever foot operating screw ...	1
27 ...	B Group (swinging arm) B32 B34 (rigid)	65-3061 ...	Outer cover fixing screw (long) ...	2
28 ...	B Group (swinging arm) B32 B34 (rigid)	35-702 ...	Clutch push rod lever nut split pin ...	1
29 ...	B Group (swinging arm) B32 B34 (rigid)	3-720 ...	Clutch push rod lever adjusting screw nut ...	1
30 ...	B Group (swinging arm) B32 B34 (rigid)	65-3403 ...	Clutch push rod adjusting screw complete ...	1
31 ...	B Group (swinging arm) B32 B34 (rigid)	65-3360 ...	Clutch push rod lever ...	1
32 ...	B Group (swinging arm) B32 B34 (rigid)	67-3180 ...	Clutch operating lever complete ...	1
33 ...	B Group (swinging arm) B32 B34 (rigid)	2-525 ...	Clutch push rod lever washer ...	1
34 ...	B Group (swinging arm) B32 B34 (rigid)	15-1485 ...	Clutch push rod lever nut ...	1
35 ...	B Group (swinging arm) B32 B34 (rigid)	67-3353 ...	Gear change lever spindle bush ...	1
36 ...	B Group (swinging arm) B32 B34 (rigid)	67-3340 ...	Foot change stop plate return spring ...	1
37 ...	B Group (swinging arm) B32 B34 (rigid)	35-709 ...	Gear selector plate spring washer split pin ...	1
38 ...	B Group (swinging arm) B32 B34 (rigid)	67-3335 ...	Gear spindle complete ...	1
39 ...	B Group (swinging arm) B32 B34 (rigid)	67-3341 ...	Gear selector plate ...	1
40 ...	B Group (swinging arm) B32 B34 (rigid)	67-3342 ...	Gear selector plate spring ...	1
41 ...	B Group (swinging arm) B32 B34 (rigid)	24-868 ...	Gear selector plate spring washer ...	1
42 ...	B Group (swinging arm) B32 B34 (rigid)	67-3170 ...	Foot change lever spindle bush ...	1
43 ...	B Group (swinging arm) B32 B34 (rigid)	65-2157 ...	Gearbox inner cover retaining screw ...	1
44 ...	B Group (swinging arm) B32 B34 (rigid)	67-3344 ...	Gearbox inner cover complete ...	1
45 ...	B Group (swinging arm) B32 B34 (rigid)	67-3350 ...	Gear change quadrant pivot pin ...	1
46 ...	B Group (swinging arm) B32 B34 (rigid)	67-3346 ...	Gearbox inner cover joint washer (paper) ...	1
47 ...	B Group (swinging arm) B32 B34 (rigid)	67-3347 ...	Gear change quadrant complete ...	1
48 ...	B Group (swinging arm) B32 B34 (rigid)	67-3332 ...	Gear control cam plate complete ...	1
49 ...	B Group (swinging arm) B32 B34 (rigid)	67-3116 ...	Gear shifter fork shaft ...	1
50 ...	B Group (swinging arm) B32 B34 (rigid)	42-3006 ...	Gearbox casing with fixed fittings ...	1
50 ...	B32 B34 (rigid)	42-3008 ...	Gearbox casing with fixed fittings ...	1
51 ...	B Group (swinging arm) B32 B34 (rigid)	67-3328 ...	Gear cam plate pivot pin washer ...	1
52 ...	B Group (swinging arm) B32 B34 (rigid)	24-7000 ...	Gear cam plate pivot pin nut ...	1
52A ...	B32 B34 (rigid)	24-8504 ...	Gearbox casing plug washer ...	1
53 ...	B32 B34 (rigid)	42-3049 ...	Gearbox casing plug ...	1
53A ...	B Group (swinging arm) B32 B34 (rigid)	67-3117 ...	Gear shifter fork shaft grub screw ...	1
54 ...	B Group (swinging arm) B32 B34 (rigid)	42-3015 ...	Gearbox sprocket (16T) ...	1
54 ...	B32 B34 (rigid)	42-3016 ...	Gearbox sprocket (19T) ...	1
55 ...	B Group (swinging arm) B32 B34 (rigid)	24-4263 ...	Gearbox sprocket locking washer ...	1
56 ...	B Group (swinging arm) B32 B34 (rigid)	67-3053 ...	Gearbox sprocket nut ...	1
57 ...	B Group (swinging arm) B32 B34 (rigid)	29-3449 ...	Gearbox inspection cover washer ...	1

Plate 6—continued

GEARBOX

B Group Swinging Arm Frame
B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
58 ...	B Group (swinging arm) B32 B34 (rigid)	29-3448 ...	Gearbox inspection cover ...	1
59 ...	B Group (swinging arm) B32 B34 (rigid)	2-498 ...	Gearbox inspection cover screw ...	1
60 ...	B Group (swinging arm) B32 B34 (rigid)	27-4258 ...	Gearbox inspection cover screw ...	3
61 ...	B Group (swinging arm) B32 B34 (rigid)	67-3023 ...	Gearbox outer cover stud ...	4
62 ...	B Group (swinging arm) B32 B34 (rigid)	2-4553 ...	Oil level drain plug washer (fibre) ...	1
63 ...	B Group (swinging arm) B32 B34 (rigid)	28-243 ...	Gearbox drain plug ...	1
64 ...	B Group (swinging arm) B32 B34 (rigid)	67-3119 ...	Gearbox control cam plate plunger ...	1
65 ...	B Group (swinging arm) B32 B34 (rigid)	67-3121 ...	Gear control cam plate plunger spring ...	1
66 ...	B Group (swinging arm) B32 B34 (rigid)	67-3122 ...	Gear control cam plate plunger housing nut ...	1
67 ...	B Group (swinging arm) B32 B34 (rigid)	67-3120 ...	Gear control cam plate plunger housing ...	1
68 ...	B Group (swinging arm) B32 B34 (rigid)	67-3327 ...	Gear cam plate pivot pin ...	1
69 ...	B Group (swinging arm) B32 B34 (rigid)	67-3204 ...	Gear shifter fork ...	2
70 ...	B Group (swinging arm) B32 B34 (rigid)	67-3230 ...	Layshaft bush ...	1
71 ...	B Group (swinging arm) B32 B34 (rigid)	67-3101 ...	Layshaft gear locating ring ...	1
72 ...	B Group (swinging arm) B32 B34 (rigid)	42-3018 ...	Layshaft complete with gear (17T) ...	1
— ...	B Group (swinging arm) B32 B34 (rigid)	42-3019 ...	Layshaft only ...	1
73 ...	B Group (swinging arm) B32 B34 (rigid)	2-49 ...	Kickstarter quadrant stop nut ...	1
74 ...	B Group (swinging arm) B32 B34 (rigid)	24-8784 ...	Kickstarter quadrant stop washer ...	1
75 ...	B Group (swinging arm) B32 B34 (rigid)	67-3151 ...	Kickstarter spindle bush ...	1
76 ...	B Group (swinging arm) B32 B34 (rigid)	67-3152 ...	Kickstarter quadrant stop ...	1
77 ...	B Group (swinging arm) B32 B34 (rigid)	67-3178 ...	Kickstarter crank spindle assembly ...	1
78 ...	B Group (swinging arm) B32 B34 (rigid)	67-3088 ...	Speedometer driving gear (6T) ...	1
79 ...	B Group (swinging arm) B32 B34 (rigid)	65-3377 ...	Speedometer gear bush ...	1
80 ...	B Group (swinging arm) B32 B34 (rigid)	67-3175 ...	Speedometer driven gear (11T) ...	1
81 ...	B Group (swinging arm) B32 B34 (rigid)	65-3375 ...	Speedometer driven gear thrust washer ...	1
82 ...	B Group (swinging arm) B32 B34 (rigid)	65-3390 ...	Speedometer driven gear bush ...	1
83 ...	B Group (swinging arm) B32 B34 (rigid)	65-3392 ...	Speedometer driven gear bush washer (fibre) ...	1
84 ...	B Group (swinging arm) B32 B34 (rigid)	65-3391 ...	Speedometer driven gear bush nut ...	1
85 ...	B Group (swinging arm) B32 B34 (rigid)	67-3173 ...	Kickstarter spindle sleeve ...	1
86 ...	B Group (swinging arm) B32 B34 (rigid)	67-3153 ...	Kickstarter lever spindle bush ...	1
87 ...	B Group (swinging arm) B32 B34 (rigid)	2-3718 ...	Kickstarter spring screw ...	1
88 ...	B Group (swinging arm) B32 B34 (rigid)	67-3174 ...	Kickstarter spring ...	1
89 ...	B Group (swinging arm) B32 B34 (rigid)	42-3020 ...	Layshaft gear (17T) ...	1
90 ...	B Group (swinging arm) B32 B34 (rigid)	42-3023 ...	Layshaft sliding gear (23T) ...	1
90 ...	B32 B34 (rigid)	42-3025 ...	Layshaft sliding gear (26T) ...	1

Plate 6—continued

GEARBOX

B Group Swinging Arm Frame
B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
90 ...	B32 B34 (rigid) ...	67-3212 ...	Layshaft sliding gear (21T) ...	1
91 ...	B Group (swinging arm) 67-3198 ...	Layshaft sliding gear (19T) ...	1	
92 ...	B Group (swinging arm) 67-3203 ...	Layshaft thrust washer ...	1	
93 ...	B32 B34 (rigid) ...	Layshaft gear complete (27T) ...	1	Clutch and Front Chaincase
93 ...	B32 B34 (rigid) ...	Layshaft gear complete (29T) ...	1	
94 ...	B Group (swinging arm) 67-3093 ...	Layshaft gear bush ...	1	
95 ...	B32 B34 (rigid) ...	Speedometer gear layshaft peg ...	1	Frame and Fittings
96 ...	B Group (swinging arm) 67-3099 ...	Layshaft bush ...	1	
97 ...	B32 B34 (rigid) ...	Dowel ...	2	Front Feet and Fittings
98 ...	B Group (swinging arm) 67-3354 ...	Gearbox outer cover joint washer (paper) ...	1	
99 ...	B32 B34 (rigid) ...	Oil level plug washer (fibre) ...	1	Front Hub and Wheel Fittings
100 ...	B Group (swinging arm) 28-243 ...	Oil level plug ...	1	
101 ...	B32 B34 (rigid) ...	Gearbox outer cover complete ...	1	
102 ...	B Group (swinging arm) 67-3351 ...	Kickstarter spring screw locknut ...	1	Rear Hub and Wheel Fittings
103 ...	B32 B34 (rigid) ...	Outer cover fixing screw (short) ...	1	
104 ...	B Group (swinging arm) 67-1705 ...	Grease nipple ...	1	Midguards, Chainguard Toolbox etc.
105 ...	B32 B34 (rigid) ...	Outer cover fixing nut washer ...	4	
106 ...	B Group (swinging arm) 2-923 ...	Outer cover fixing nut ...	4	Midguards, Chainguard Oil Tank etc.
107 ...	B32 B34 (rigid) ...	Speedometer driven gear retaining pin ...	1	
108 ...	B Group (swinging arm) 67-3176 ...	Gear change operating spindle circlip ...	1	Handlebar Petrol Tank Dual Seat etc.
109 ...	B32 B34 (rigid) ...	Inspection cover joint washer (fibre) ...	1	
110 ...	B Group (swinging arm) 67-3024 ...	Inspection cover ...	1	Midguards, Chainguard Oil Tank etc.
111 ...	B32 B34 (rigid) ...	Kickstarter crank cotter ...	1	
112 ...	B Group (swinging arm) 2-2579 ...	Inspection cover fixing screw ...	2	Petrol Tank Handlebar Rear Brake
113 ...	B32 B34 (rigid) ...	Kickstarter crank cotter washer (plain) ...	1	
114 ...	B Group (swinging arm) 2-2578 ...	Kickstarter crank cotter nut ...	1	Midguards, Oil Tank and Rear Chainguard
115 ...	B32 B34 (rigid) ...	Kickstarter pedal ...	1	
116 ...	B Group (swinging arm) 65-3381 ...	Kickstarter pedal rubber ...	1	
117 ...	B32 B34 (rigid) ...	Kickstarter crank complete (folding type) ...	1	Handlebar Petrol Tank Midguards etc.
118 ...	B32 B34 (swinging arm) 42-3038 ...	Kickstarter crank only (folding type) ...	1	
119 ...	B32 B34 (rigid) ...	Kickstarter crank pedal (folding type) ...	1	Midguards, Chainguard Handlebar etc.
120 ...	B32 B34 (swinging arm) 65-3427 ...	Kickstarter pedal washer (shakeproof) ...	1	
121 ...	B32 B34 (rigid) ...	Kickstarter pedal bolt ...	1	Rear Seat Cupholder Headlight
122 ...	B32 B34 (swinging arm) 29-5156 ...	Kickstarter pedal spring ...	1	
123 ...	B32 B34 (rigid) ...	Kickstarter crank spring bolt ...	1	
123 ...	B32 B34 (swinging arm) 2-220 ...	Kickstarter crank spring bolt washer (shakeproof) ...	1	
123 ...	B32 B34 (rigid) ...			

Plate 7

CLUTCH and FRONT CHAINCASE

B31 B33 Rigid and Spring Frame

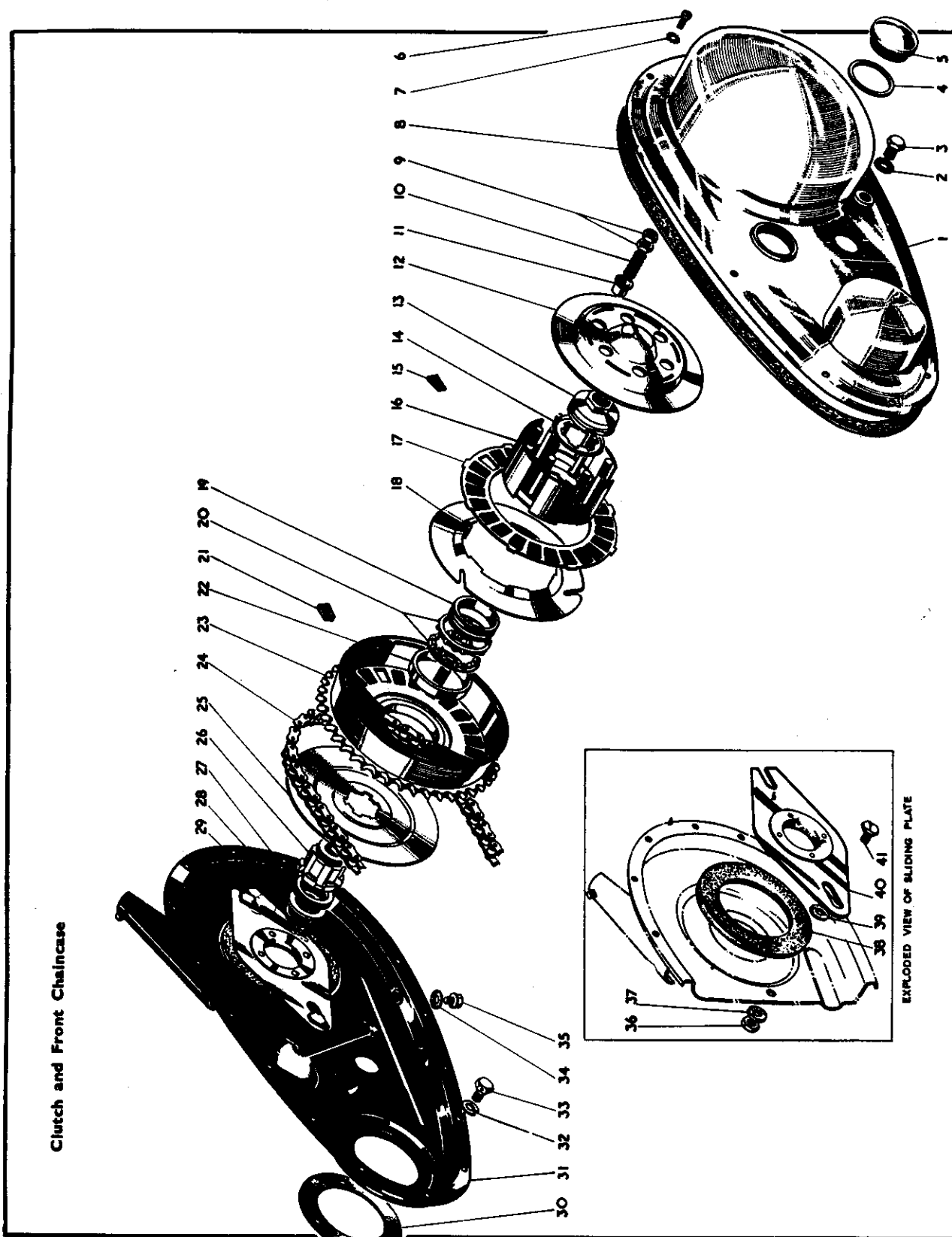


Plate 7

CLUTCH and FRONT CHAINCASE

B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31	65-3938	Clutch complete	1
—	B33	66-3902	Clutch complete	1
1	B31 B33	65-7594	Front chaincase with fixed fittings	1
1	B31 B33	65-7584	Front chaincase with fixed fittings (1954)	1
2	B31 B33	2-930	Oil level drain plug washer (fibre)	1
3	B31 B33	66-7517	Oil level plug	1
4	B31 B33	67-42	Front chaincase inspection cap washer (fibre)	1
5	B31 B33	65-3384	Front chaincase inspection cap	1
6	B31 B33	1-4606	Chaincase fixing screw	16
7	B31 B33	29-3319	Chaincase fixing screw washer	16
8	B31 B33	66-7514	Chaincase joint washer (cork)	1
9	B31 B33	2-2395	Clutch spring retaining stud nut	12
10	B31 B33	66-3800	Clutch spring	6
11	B31 B33	66-3781	Clutch spring cup	6
12	B31 B33	65-3828	Clutch actuating cap complete	1
13	B31 B33	66-3787	Mainshaft nut	1
14	B31 B33	65-3822	Mainshaft nut locking washer	1
15	B31	65-3858	Clutch plate ferodo insert	72
15	B33	65-3858	Clutch plate ferodo insert	96
16	B31	66-3906	Clutch driving plate centre complete with studs	1
16	B33	66-3903	Clutch driving plate centre complete with studs	1
17	B31	65-3857	Clutch driving plate complete with inserts	3
17	B33	65-3857	Clutch driving plate complete with inserts	4
18	B31	29-3832	Clutch driven plate	1
18	B31	65-3824	Clutch driven plate	2
18	B33	65-3824	Clutch driven plate	4
19	B31 B33	65-3911	Clutch ballrace inner ring	1
20	B31 B33	65-3910	Clutch ballrace retaining ring complete with balls	2
21	B31	65-3811	Clutch chainwheel cork insert	24
21	B33	66-3891	Clutch chainwheel ferodo insert	24
22	B31 B33	65-3912	Clutch ballrace ring	1
23	B31	65-3922	Clutch chainwheel complete	1
23	B33	66-3908	Clutch chainwheel complete	1
24	B31	24-8931	Transmission chain (front)	1
24	B33	24-8932	Transmission chain (front)	1
25	B31 B33	65-3872	Clutch plate	1
26	B31 B33	65-3873	Clutch sleeve	1
27	B31 B33	65-3833	Clutch sleeve collar	1
28	B31 B33	66-3090	Gearbox and chaincase oil retaining washer	1
29	B31 B33	24-4232	Gearbox felt washer	1
30	B31 B33	66-7575	Chaincase and crankcase joint washer (Hallite)	1
31	B31 B33	65-7578	Chaincase back with sliding plate	1
32	B31 B33	24-8784	Chaincase securing bolt spring washer	3
33	B31 B33	65-7550	Chaincase securing bolt	3
34	B31 B33	66-7518	Oil level drain plug washer (fibre)	1
35	B31 B33	15-645	Oil level drain plug	1
36	B31 B33	2-443	Chaincase sliding plate bolt nut	2
37	B31 B33	2-1374	Chaincase sliding plate bolt washer	2
38	B31 B33	15-8814	Chaincase back felt washer	1
39	B31 B33	66-7518	Chaincase sliding plate bolt washer (fibre)	2
40	B31 B33	66-7520	Chaincase sliding plate complete	1
41	B31 B33	66-7523	Chaincase sliding plate bolt	2

Plate 8

CLUTCH and FRONT CHAINCASE

B Group Swinging Arm Frame
B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31 (swinging arm)	65-3938	Clutch complete	1
—	B32 B33 B34 (swinging arm)	66-3902	Clutch complete	1
—	B32 B34 (rigid)	42-3052	Clutch complete	1
1	B Group (swinging arm) B32 B34 (rigid)	67-1706	Primary chaincase front fixing screw	3

late 8

CLUTCH and FRONT CHAINCASE

B Group Swinging Arm Frame
B32 B34 Rigid Frame (Competition)

Clutch and Front Chaincase

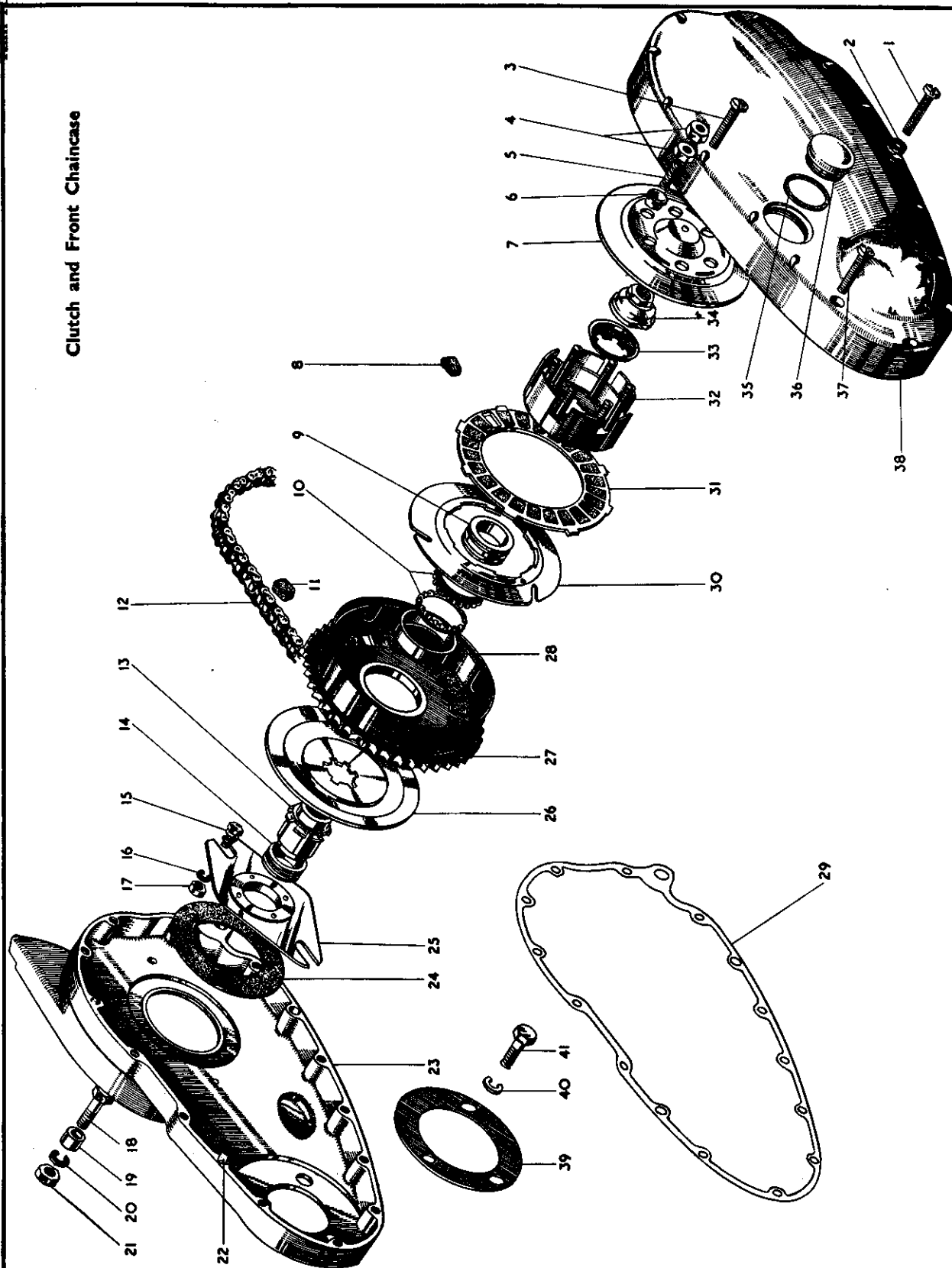


Plate 8—continued

CLUTCH and FRONT CHAINCASE

B Group Swinging Arm Frame
B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1 ...	B Group (swinging arm) 67-1711 ... B32 B34 (rigid)	...	Primary chaincase oil level and drain screw ...	2
2 ...	B Group (swinging arm) 67-1709 ... B32 B34 (rigid)	...	Primary chaincase oil level and drain screw washer (fibre) ...	2
3 ...	B Group (swinging arm) 65-3063 ... B32 B34 (rigid)	...	Primary chaincase front fixing screw ...	7
4 ...	B Group (swinging arm) 2-2395 ... B32 B34 (rigid)	...	Clutch spring retaining stud nut ...	12
5 ...	B Group (swinging arm) 66-3800 ... B32 B34 (rigid)	...	Clutch spring ...	6
6 ...	B Group (swinging arm) 66-3781 ... B32 B34 (rigid)	...	Clutch spring cup ...	6
7 ...	B Group (swinging arm) 65-3828 ... B32 B34 (rigid)	...	Clutch actuating cap complete ...	1
7 ...	B32 B34 (rigid) 42-3056 ...	...	Clutch actuating cap complete ...	1
8 ...	B31 (swinging arm) ... 65-3858 ...	...	Clutch plate ferodo insert ...	72
8 ...	B32 B33 B34 (swinging arm) ... 65-3858 ...	...	Clutch plate ferodo insert ...	96
8 ...	B32 B34 (rigid) ... 65-3858 ...	...	Clutch plate ferodo insert ...	120
9 ...	B Group (swinging arm) 65-3911 ... B32 B34 (rigid)	...	Clutch ballrace inner ring ...	1
10 ...	B Group (swinging arm) 65-3910 ... B32 B34 (rigid)	...	Clutch ballrace retaining ring ...	2
11 ...	B31 (swinging arm) ... 65-3811 ...	...	Clutch chainwheel cork insert ...	24
11 ...	B32 B33 B34 (swinging arm) ... 66-3891 ...	...	Clutch chainwheel ferodo insert ...	24
12 ...	B32 B34 (rigid) ... 24-8716 ...	...	Primary chain ...	1
12 ...	B33 B34 (swinging arm) 24-8930 ...	...	Primary chain ...	1
12 ...	B34 (rigid) ... 24-8931 ...	...	Primary chain ...	1
13 ...	B Group (swinging arm) 65-3873 ... B32 B34 (rigid)	...	Clutch sleeve ...	1
14 ...	B Group (swinging arm) 65-3833 ... B32 B34 (rigid)	...	Clutch sleeve collar ...	1
15 ...	B Group (swinging arm) 66-7523 ... B32 B34 (rigid)	...	Primary chaincase sliding plate bolt ...	2
16 ...	B Group (swinging arm) 2-1462 ... B32 B34 (rigid)	...	Primary chaincase sliding plate bolt washer (spring) ...	2
17 ...	B Group (swinging arm) 2-443 ... B32 B34 (rigid)	...	Primary chaincase sliding plate bolt nut ...	2
18 ...	B Group (swinging arm) 65-109 ...	...	Primary chaincase back fixing bolt ...	1
18 ...	B32 B34 (rigid) ... 27-6312 ...	...	Primary chaincase back fixing bolt ...	1
19 ...	B Group (swinging arm) 15-7563 ... B32 B34 (rigid)	...	Primary chaincase back fixing bolt distance collar ...	1
20 ...	B Group (swinging arm) 35-33 ... B32 B34 (rigid)	...	Primary chaincase back fixing bolt distance washer ...	1
20 ...	B32 B34 (rigid) ... 24-8784 ...	...	Primary chaincase back fixing bolt washer (spring) ...	1
21 ...	B Group (swinging arm) 2-49 ... B32 B34 (rigid)	...	Primary chaincase back fixing bolt nut ...	1
22 ...	B Group (swinging arm) 66-3074 ... B32 B34 (rigid)	...	Primary chaincase dowel ...	2
23 ...	B Group (swinging arm) 42-7502 ...	...	Primary chaincase (back) ...	1
23 ...	B32 B34 (rigid) ... 42-7512 ...	...	Primary chaincase (back) ...	1
24 ...	B Group (swinging arm) 42-7504 ... B32 B34 (rigid)	...	Primary chaincase back washer (felt) ...	1
25 ...	B Group (swinging arm) 66-7520 ... B32 B34 (rigid)	...	Primary chaincase sliding plate complete ...	1
26 ...	B Group (swinging arm) 65-3872 ... B32 B34 (rigid)	...	Clutch plate ...	1
27 ...	B31 (swinging arm) ... 65-3922 ...	...	Clutch chainwheel complete ...	1
27 ...	B32 B33 B34 (swinging arm) ... 42-3054 ...	...	Clutch chainwheel complete ...	1
27 ...	B32 B34 (rigid) ... 66-3908 ...	...	Clutch chainwheel complete ...	1
28 ...	B Group (swinging arm) 65-3912 ... B32 B34 (rigid)	...	Clutch ballrace ring ...	1
29 ...	B Group (swinging arm) 42-7507 ... B32 B34 (rigid)	...	Primary chaincase joint washer (paper) ...	1

Plate 8—continued.

CLUTCH and FRONT CHAINCASE

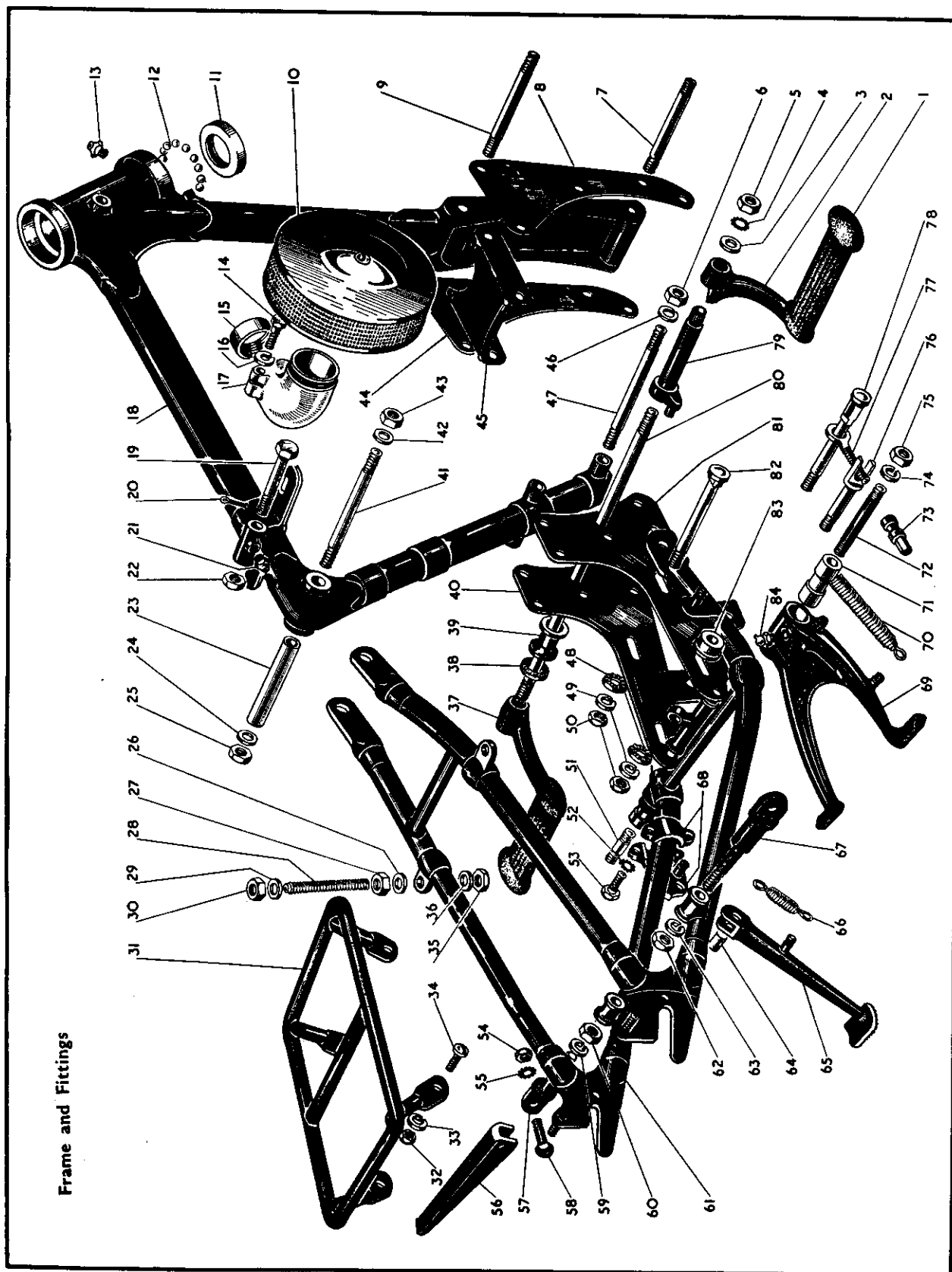
B Group Swinging Arm Frame
B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
30 ...	B31 (swinging arm) ...	65-3824 ...	Clutch driven plate ...	2
30 ...	B31 (swinging arm) ...	29-3832 ...	Clutch driven plate ...	1
30 ...	B32 B33 B34 (swinging arm)	65-3824 ...	Clutch driven plate ...	4
30 ...	B32 B34 (rigid)	65-3824 ...	Clutch driven plate ...	5
31 ...	B31 (swinging arm) ...	65-3857 ...	Clutch driving plate with inserts ...	3
31 ...	B32 B33 B34 (swinging arm)	65-3857 ...	Clutch driving plate with inserts ...	4
31 ...	B32 B34 (rigid)	65-3857 ...	Clutch driving plate with inserts ...	5
32 ...	B31 (swinging arm) ...	66-3906 ...	Clutch driving plate centre with studs ...	1
32 ...	B32 B33 B34 (swinging arm)	66-3903 ...	Clutch driving plate centre with studs ...	1
33 ...	B32 B34 (rigid)			
33 ...	B Group (swinging arm)	65-3822 ...	Mainshaft nut locking washer ...	1
34 ...	B32 B34 (rigid)			
34 ...	B Group (swinging arm)	66-3787 ...	Mainshaft nut ...	1
35 ...	B32 B34 (rigid)			
35 ...	B Group (swinging arm)	67-42 ...	Primary chaincase inspection cap washer (fibre) ...	1
36 ...	B32 B34 (rigid)			
36 ...	B Group (swinging arm)	65-3364 ...	Primary chaincase inspection cap ...	1
37 ...	B32 B34 (rigid)			
37 ...	B Group (swinging arm)	42-7508 ...	Primary chaincase front fixing screw ...	3
38 ...	B32 B34 (rigid)			
38 ...	B Group (swinging arm)	42-7506 ...	Primary chaincase (front) ...	1
39 ...	B32 B34 (rigid)			
39 ...	B Group (swinging arm)	66-7575 ...	Primary chaincase and crankcase joint washer ...	1
40 ...	B32 B34 (rigid)			
40 ...	B Group (swinging arm)	24-8784 ...	Primary chaincase back securing bolt washer (spring) ...	3
41 ...	B32 B34 (rigid)			
41 ...	B Group (swinging arm)	67-4028 ...	Primary chaincase back securing bolt ...	3
41 ...	B32 B34 (rigid)	65-7550 ...	Primary chaincase back securing bolt ...	3

Plate 9

FRAME and FITTINGS

B31 B33 Rigid and Spring Frame



Frame and Fittings

Frame and Fittings

Front Fork and Fittings

Front Hub and Wheel Fittings

Rear Hub and Wheel Fittings

Headguards, Chockguards, Toolbars etc.

Headguards, Chockguards, Oil Tank etc.

Headlight, Petrol Tank, Dual Seat etc.

Headguards, Chockguards, Oil Tank etc.

Petrol Tank, Headlight, Rear Brake

Headguards, Oil Tank and Rear Chockguard

Headlight, Petrol Tank, Headguards etc.

Headguards, Chockguards, Headlight etc.

Bumper, Rear, Center, Headlight

Legshield

FRAME and FITTINGS

B31 B33 Rigid and Spring Frame

Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B31 B33	29-7551	Footrest rubber	2
2	B31 B33	65-4891	Footrest bracket (offside)	1
3	B31 B33	24-5914	Footrest washer (plain)	2
4	B31 B33	65-695	Footrest washer (shakeproof)	2
5	B31 B33	15-5753	Footrest nut	2
6	B31 B33 (rigid)	2-46	Engine plate and chainstay nuts	19
6	B31 B33 (spring)	2-46	Engine plate and chainstay nuts	17
7	B31 B33 (rigid)	27-5684	Engine plate and front down tube stud	7
7	B31 B33 (spring)	27-5684	Engine plate and front down tube stud	7
8	B31 B33	65-4429	Engine plate (front) (offside)	1
9	B31 B33	27-5683	Engine plate down tube and exhaust pipe stud	1
9	B32 B34	27-5683	Engine plate and front down tube stud (when crankcase shield is fitted)	1
10	B31 B33	65-9196	Air cleaner	1
11	B31 B33	66-4149	Ball head cup	2
12	B31 B33	1/4" dia.	Ball head cup steel balls	40
13	B31 B33	28-2080	Grease nipple	1
14	B31 B33	2-14	Air cleaner elbow bolt	1
15	B33	65-1237	Air cleaner adaptor	1
15	B31	65-1212	Air cleaner adaptor	1
16	B31 B33	29-541	Air cleaner elbow bolt washer	1
17	B31 B33	65-9198	Air cleaner elbow	1
18	B31 B33	65-4499	Frame front (up to 1954)	1
18	B31 B33 (spring)	65-4654	Frame front (1955)	1
19	B31 B33	33-4089	Saddle front connecting bolt	1
20	B31 B33 (rigid)	35-698	Saddle front connecting bolt split pin	1
20	B31 B33 (spring)	15-1266	Saddle front connecting bolt split pin	1
21	B31 B33	28-2080	Saddle front connecting bolt grease nipple	1
22	B31 B33	66-2810	Saddle front connecting bolt nut	1
23	B31 B33	65-4488	Seat lug and backstay locating tube	1
24	B31 B33	15-431	Seat lug and backstay washer (nearside)	1
25	B31 B33	2-1925	Seat lug and backstay stud nut (nearside)	1
26	B31 B33 (rigid)	2-923	Saddle rear fixing stud washer (centre)	2
26	B31 B33 (spring)	2-923	Saddle rear spring stud washer	4
27	B31 B33 (rigid)	2-49	Saddle rear fixing stud nut (centre)	2
27	B31 B33 (spring)	2-49	Saddle rear fixing stud nut	4
28	B31 B33 (rigid)	66-4647	Saddle rear fixing stud	2
28	B31 B33 (spring)	67-4040	Saddle rear fixing stud	2
29	B31 B33 (rigid)	2-923	Saddle rear fixing stud washer (top)	2
30	B31 B33 (rigid)	2-49	Saddle rear fixing stud nut (top)	2
31	B31 B33 (rigid)	65-6897	Carrier	1
32	B31 B33	2-2395	Carrier fixing screw nut	4
33	B31 B33	2-1462	Carrier fixing screw washer	4
34	B31 B33	15-7161	Carrier fixing screw	4
35	B31 B33 (rigid)	2-49	Saddle rear fixing stud nut (bottom)	2
36	B31 B33 (rigid)	2-923	Saddle rear fixing stud washer (bottom)	2
37	B31 B33	65-4890	Footrest bracket (nearside)	1
38	B31 B33	66-4902	Footrest washer (cork)	2
39	B31 B33	66-4903	Chaincase distance sleeve	2
40	B31 B33	65-4519	Gearbox engine plate (nearside)	1
41	B31 B33	66-4175	Backstay and seat lug stud	1
42	B31 B33	15-431	Seat lug and backstay washer (offside)	1
43	B31 B33	2-1925	Seat lug and backstay stud nut (nearside)	1
44	B31 B33	65-4429	Engine plate front (nearside)	1
45	B31 B33	65-4431	Engine plate cover (front)	1
46	B31 B33	2-522	Engine plate, chainstay and seat tube washer	19
47	B31 B33	66-4163	Engine plate, chainstay and seat tube stud	1
48	B31 B33	65-4189	Gearbox connecting bolt washer (serrated)	2
49	B31 B33	2-522	Gearbox connecting bolt washer (spring)	2
50	B31 B33	2-46	Gearbox connecting bolt nut	2
51	B31 B33 (rigid)	67-4032	Rear brake pedal and anchor strap stud	2
51	B31 B33 (spring)	67-4032	Rear brake pedal anchor stud	1
52	B31 B33	36-382	Prop stand clip bolt washer	2
53	B31 B33	28-2338	Prop stand clip bolt	2
54	B31 B33	24-6040	Pillion footrest swivel bolt nut	2
55	B31 B33	36-382	Pillion footrest swivel bolt washer	2
56	B31 B33	29-7561	Pillion footrest only	2
56*	B31 B33	29-7581	Pillion footrest (1955)	2
—*	B31 B33	29-7583	Pillion Footrest rubber (1955)	2

*For illustration see plate 12, page 43.

Plate 9—continued

FRAME and FITTINGS

B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
...	B31 B33	65-4928	Pillion footrest complete assembly (1955) ...	2
57	B31 B33	65-4895	Pillion footrest anchor bolt (nearside) ...	1
58	B31 B33	29-7564	Pillion footrest swivel bolt ...	2
59	B31 B33 (rigid)	2-522	Pillion footrest anchor bolt washer (nearside) ...	1
60	B31 B33 (rigid)	2-1813	Pillion footrest anchor bolt nut (nearside) ...	1
60	B31 B33 (spring)	2-46	Pillion footrest anchor bolt nut (nearside) ...	1
61	B31 B33 (rigid)	65-4511	Chainstay and backstay complete ...	1
62	B31 B33	2-46	Pillion footrest anchor bolt nut (offside) ...	1
63	B31 B33 (rigid)	2-522	Pillion footrest anchor bolt washer (offside) ...	1
64	B31 B33	65-4741	Prop stand pivot pin ...	1
65	B31 B33	65-4735	Prop stand leg ...	1
66	B31 B33	65-4742	Prop stand spring ...	1
67	B31 B33 (rigid)	65-4894	Pillion footrest anchor bolt (offside) ...	1
67	B31 B33 (spring)	65-4895	Pillion footrest anchor bolt (nearside) ...	1
68	B31 B33 (rigid)	65-4739	Prop stand lug ...	1
69	B31 B33	65-4755	Central stand ...	1
70	B31 B33	65-4727	Central stand spring ...	1
71	B31 B33	29-4840	Central stand engine plate distance piece ...	1
72	B31 B33	65-4728	Central stand stud ...	1
73	B31 B33	15-5664	Gearbox adjusting bolt nut ...	1
74	B31 B33	2-1967	Central stand stud spring washer ...	2
75	B31 B33	2-1925	Central stand stud nut ...	2
76	B31 B33	65-4516	Rear engine plate and chainstay bridge bolt ...	1
77	B31 B33	27-5710	Gearbox adjusting bolt ...	1
78	B31 B33	66-4168	Gearbox connecting bolt (rear) ...	1
79	B31 B33	65-4811	Footrest rod distance tube ...	2
80	B31 B33	66-4900	Footrest rod ...	1
81	B31 B33	65-4517	Gearbox engine plate (offside) ...	1
82	B31 B33	15-476	Gearbox connecting bolt (front) ...	1
83	B31 B33	66-4169	Gearbox connecting bolt collar ...	1
84	B31 B33	35-5016	Central stand grease nipple ...	1

Note : B31 B33 (rigid). For rear brake pedal see rear suspension illustration, page 39.

Front Fork
and
FittingsFront Hub
and Wheel
FittingsRear Hub
and Wheel
FittingsMidguards
Changard
Toolbox etc.Midguards
Changard
Oil Tank etc.Handiker
Petrol Tank
Fuel RegulatorMidguards
Changard
Oil Tank etc.Petrol Tank
Handiker
Rear BrakeMidguards
Oil Tank and
Rear ChangardHandiker
Petrol Tank
Midguards etc.Midguards
Changard
Handker etc.Bumper Bar
Center
Handker

Legs etc.

Handker

Plate 10

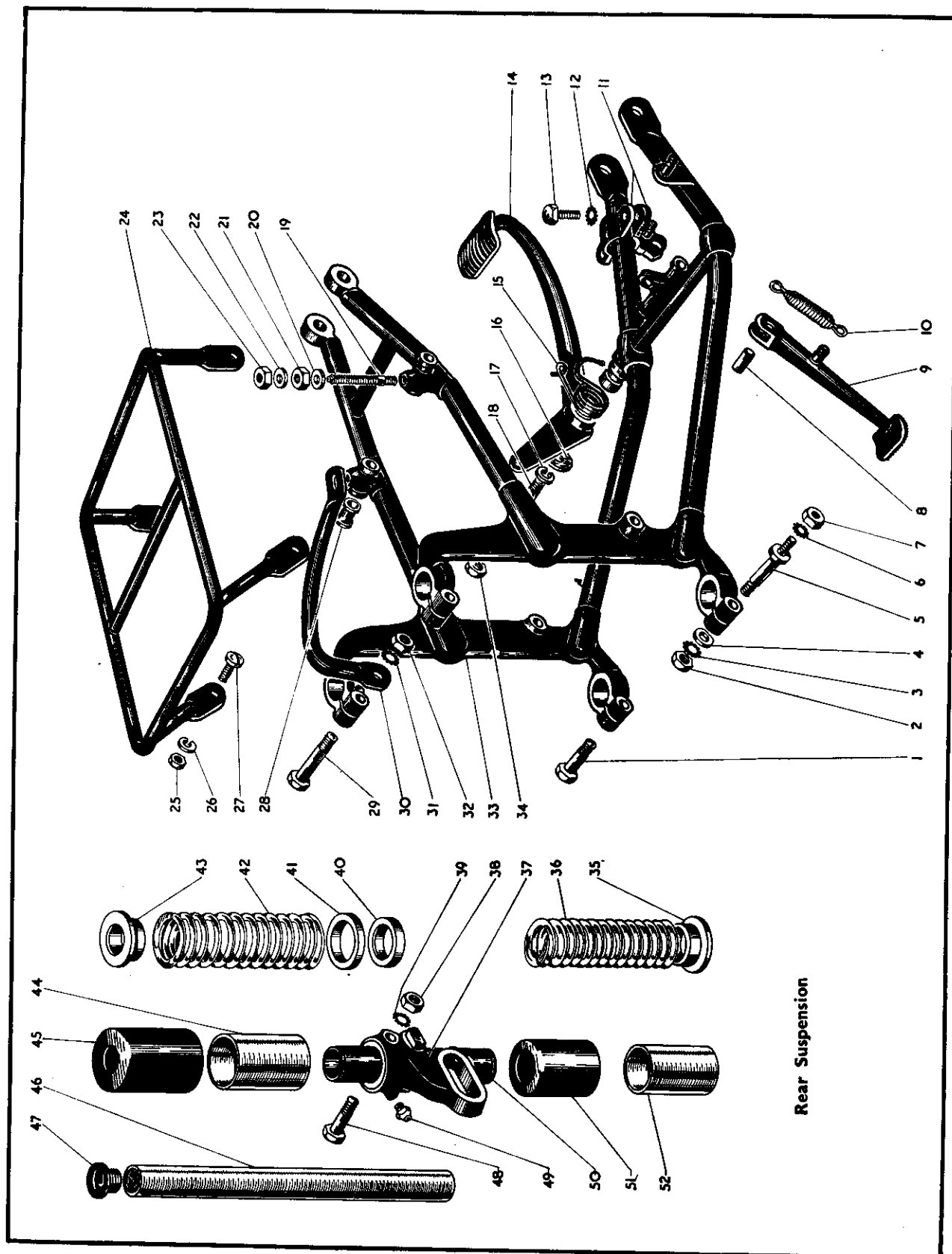
REAR SUSPENSION

B31 B33 Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1 ...	B31 B33	3-1399	Plunger carrier column bolt or suspension bottom bracket bolt (nearside)	1
2 ...	B31 B33	2-46	Plunger carrier column bolt nut	4
3 ...	B31 B33	66-4707	Plunger carrier column bolt washer (shakeproof)	4
4 ...	B31 B33	67-4129	Plunger carrier bottom clip and silencer support bolt distance piece	2
5 ...	B31 B33	67-4128	Plunger carrier bottom clip and silencer support bolt	1
6 ...	B31 B33	36-382	Plunger carrier bottom clip and silencer support bolt washer (shakeproof)	1
7 ...	B31 B33	2-49	Plunger carrier bottom clip and silencer support bolt nut	1
8 ...	B31 B33	65-4741	Prop stand pivot pin	1
9 ...	B31 B33	65-4735	Prop stand leg	1
10 ...	B31 B33	65-4742	Prop stand spring	1
11 ...	B31 B33	65-4743	Prop stand lug complete	1
12 ...	B31 B33	36-382	Prop stand clip bolt washer (shakeproof)	2
13 ...	B31 B33	28-2338	Prop stand clip bolt	2
14 ...	B31 B33	65-7060	Rear brake pedal	1
15 ...	B31 B33	65-7063	Rear brake pedal return spring	1
16 ...	B31 B33	30-196	Rear brake pedal washer (plain)	1
17 ...	B31 B33	2-522	Rear brake pedal washer (spring)	1
18 ...	B31 B33	67-4032	Rear brake pedal stud	1
19 ...	B31 B33	67-4040	Saddle rear fixing stud	2
20 ...	B31 B33	2-923	Saddle rear fixing stud washer	2
21 ...	B31 B33	2-49	Saddle rear fixing stud nut	2
22 ...	B31 B33	2-923	Saddle rear fixing stud washer	2
23 ...	B31 B33	2-49	Saddle rear fixing stud nut	2
24 ...	B31 B33	67-6921	Carrier complete	1
25 ...	B31 B33	2-2395	Carrier fixing screw nut	4
26 ...	B31 B33	2-1462	Carrier fixing screw washer (spring)	4
27 ...	B31 B33	15-7161	Carrier fixing screw	4
28 ...	B31 B33	67-6761	Horn and saddle spring distance piece	1
29 ...	B31 B33	31-68	Plunger carrier column bolt (top)	2
30 ...	B31 B33	67-4130	Lifting handle	1
31 ...	B31 B33	66-4707	Plunger carrier column bolt (top) washer (shakeproof)	4
32 ...	B31 B33	2-46	Plunger carrier column bolt (top) nut	4
33 ...	B31 B33	65-4526	Chainstay and backstay complete	1
34 ...	B31 B33	2-46	Rear brake pedal stud nut	1
35 ...	B31 B33	89-4258	Rebound spring bottom collar	2
36 ...	B31 B33	89-4259	Rebound spring bottom	2
37 ...	B31 B33	67-4125	Rear spindle clamp lug (nearside)	1
37 ...	B31 B33	67-4126	Rear spindle clamp lug (offside)	1
38 ...	B31 B33	2-46	Clamp lug bolt nut	2
39 ...	B31 B33	66-4707	Clamp lug bolt washer (shakeproof)	2
40 ...	B31 B33	67-4127	Rebound spring top collar	2
41 ...	B31 B33	67-4131	Plunger spring washer (bottom)	2
42 ...	B31 B33	89-4049	Plunger spring (top)	2
43 ...	B31 B33	89-4257	Plunger spring top collar	2
44 ...	B31 B33	89-4249	Plunger spring inner shroud	2
45 ...	B31 B33	89-4248	Plunger spring outer shroud	2
46 ...	B31 B33	89-4041	Plunger carrier column assembly	2
47 ...	B31 B33	89-4045	Plunger column screwed plug	2
48 ...	B31 B33	3-1399	Clamp lug bolt	2
49 ...	B31 B33	28-2080	Clamp lug grease nipple	2
50 ...	B31 B33	89-4046	Plunger tube with bushes	2
51 ...	B31 B33	89-4240	Rebound spring shroud (outer)	2
52 ...	B31 B33	89-4241	Rebound spring shroud (inner)	2

REAR SUSPENSION

B31 B33 Spring Frame



Rear Suspension

Plate 11

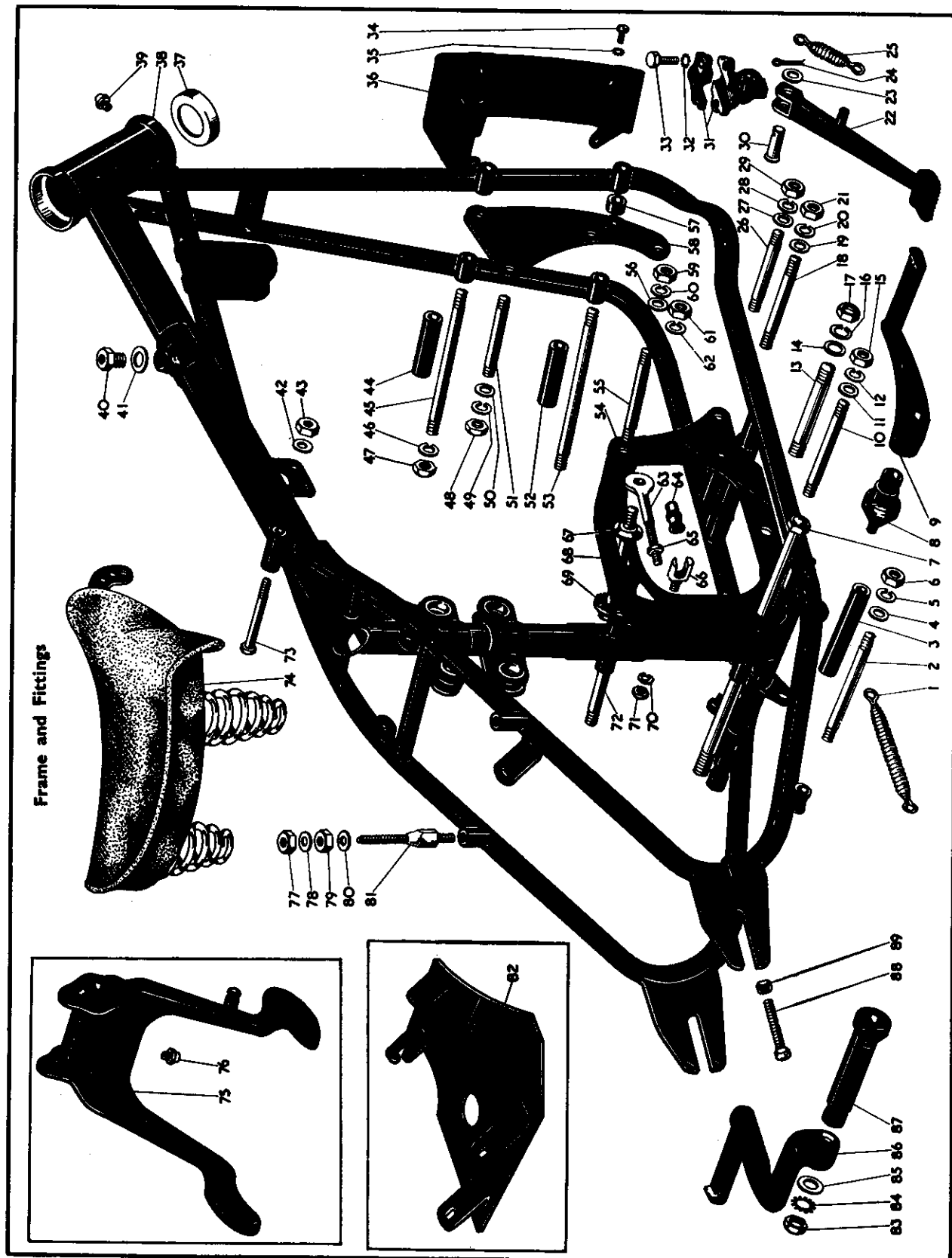
FRAME and FITTINGS

B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B32 B34 (rigid)	65-4727	Central stand spring	1
2	B32 B34 (rigid)	42-4714	Central stand pivot stud	1
3	B32 B34 (rigid)	42-4713	Central stand distance tube	1
4	B32 B34 (rigid)	2-1945	Central stand pivot stud washer (plain)	1
5	B32 B34 (rigid)	2-1967	Central stand pivot stud washer (spring)	1
6	B32 B34 (rigid)	24-5860	Central stand pivot stud nut	2
7	B32 B34 (rigid)	42-4821	Footrest stud complete	1
8	B32 B34 (rigid)	42-4823	Footrest distance tube complete (offside)	1
9	B32 B34 (rigid)	42-4820	Footrest bracket (offside)	1
10	B32 B34 (rigid)	65-4182	Rear engine and gearbox stud (bottom rear)	1
11	B32 B34 (rigid)	2-1733	Rear engine and gearbox stud washer (plain)	4
12	B32 B34 (rigid)	2-522	Rear engine and gearbox stud washer (spring)	4
13	B32 B34 (rigid)	42-4077	Gearbox pivot stud	1
14	B32 B34 (rigid)	2-1945	Gearbox pivot stud washer (plain)	2
15	B32 B34 (rigid)	2-46	Rear Engine and gearbox stud nut	4
16	B32 B34 (rigid)	2-1967	Gearbox pivot stud washer (spring)	2
17	B32 B34 (rigid)	2-1925	Gearbox pivot stud nut	2
18	B32 B34 (rigid)	27-5683	Rear engine and gearbox stud (bottom front)	1
19	B32 B34 (rigid)	2-1733	Rear engine and gearbox stud washer (plain)	2
20	B32 B34 (rigid)	2-522	Rear engine and gearbox stud washer (spring)	2
21	B32 B34 (rigid)	2-46	Rear engine and gearbox stud nut	2
22	B32 B34 (rigid)	42-4780	Prop stand assembly	1
23	B32 B34 (rigid)	67-4903	Prop stand leg complete	1
24	B32 B34 (rigid)	2-1945	Prop stand pivot pin washer	1
25	B32 B34 (rigid)	35-710	Prop stand pivot pin split pin	1
26	B32 B34 (rigid)	65-4742	Prop stand spring	1
27	B32 B34 (rigid)	27-5683	Crankcase fixing stud (bottom rear)	1
28	B32 B34 (rigid)	2-1733	Crankcase fixing stud washer (plain)	2
29	B32 B34 (rigid)	2-522	Crankcase fixing stud washer (spring)	2
30	B32 B34 (rigid)	2-46	Crankcase fixing stud nut	2
31	B32 B34 (rigid)	67-4907	Prop stand pivot pin	1
32	B32 B34 (rigid)	42-4781	Prop stand lug complete	1
33	B32 B34 (rigid)	36-382	Prop stand lug clip bolt washer (shakeproof)	2
34	B32 B34 (rigid)	28-2338	Prop stand lug clip bolt	2
35	B32 B34 (rigid)	2-1309	Front engine plate cover screw	6
36	B32 B34 (rigid)	29-3319	Front engine plate cover screw washer (shakeproof)	6
37	B32 B34 (rigid)	42-4125	Front engine plate cover	1
38	B32 B34 (rigid)	66-4149	Ball head cup	2
39	B32 B34 (rigid)	42-4160	Frame complete with fixed fittings	1
40	B32 B34 (rigid)	28-2080	Ball head grease nipple	1
41	B32 B34 (rigid)	42-4078	Petrol tank fixing bolt socket	1
42	B32 B34 (rigid)	29-8740	Petrol tank fixing bolt socket tab washer	1
43	B32 B34 (rigid)	2-923	Saddle front fixing bolt washer (plain)	1
44	B32 B34 (rigid)	2-49	Saddle front fixing bolt nut	1
45	B32 B34 (rigid)	42-4070	Front engine plate distance tube	1
46	B32 B34 (rigid)	27-5690	Front engine plate stud (top)	1
47	B32 B34 (rigid)	2-522	Front engine plate stud washer (spring)	4
48	B32 B34 (rigid)	2-46	Front engine plate stud nut	4
49	B32 B34 (rigid)	2-46	Crankcase fixing stud nut	6
50	B32 B34 (rigid)	2-522	Crankcase fixing stud washer (spring)	6
51	B32 B34 (rigid)	2-1733	Crankcase fixing stud washer (plain)	6
52	B32 B34 (rigid)	27-5683	Crankcase fixing stud	3
53	B32 B34 (rigid)	42-4070	Front engine plate distance tube	1
54	B32 B34 (rigid)	42-4099	Front engine plate stud (bottom)	1
55	B32 B34 (rigid)	42-4124	Rear engine and gearbox plate (bottom)	2
56	B32 B34 (rigid)	65-4182	Crankcase fixing stud (top rear)	1
57	B32 B34 (rigid)	2-1733	Crankcase fixing stud washer (plain)	2
58	B32 B34 (rigid)	42-4071	Front engine plate distance collar	1
59	B32 B34 (rigid)	42-4068	Front engine plate complete (offside)	1
60	B32 B34 (rigid)	42-4066	Front engine plate complete (nearside)	1
61	B32 B34 (rigid)	2-46	Crankcase fixing stud nut	2
62	B32 B34 (rigid)	2-522	Crankcase fixing stud washer (spring)	2
63	B32 B34 (rigid)	2-1925	Gearbox locking stud nut	1
64	B32 B34 (rigid)	2-1967	Gearbox locking stud washer (spring)	1
65	B32 B34 (rigid)	42-4190	Gearbox adjusting screw	1
66	B32 B34 (rigid)	42-4191	Gearbox adjusting screw nut	1
67	B32 B34 (rigid)	2-1616	Gearbox adjusting screw nut locknut	1
	B32 B34 (rigid)	27-5705	Gearbox adjusting screw stop	1
	B32 B34 (rigid)	42-4075	Gearbox locking stud washer (serrated)	1

Plate 11

FRAME and FITTINGS B32 B34 Rigid Frame (Competition)



Front Fork
and
Fittings

Front End
and Wheel
Fittings

Rear End
and Wheel
Fittings

Midguard
Chainguard
Toolbox etc.

Midguard
Chainguard
Oil Tank etc.

Handlebar
Fuel Tank
Seat etc.

Midguard
Chainguard
Oil Tank etc.

Fuel Tank
Handlebar
Rear Brake

Midguard
Oil Tank
and Rear Chainguard

Handlebar
Fuel Tank
Midguard etc.

Midguard
Chainguard
Handlebar etc.

Rear End
Fuel Tank
Handlebar

Handlebar

Handlebar

Plate 11—continued

FRAME and FITTINGS

B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
68	... B32 B34 (rigid)	42-4189	Rear engine and gearbox plate (top)	2
69	... B32 B34 (rigid)	42-4074	Gearbox locking stud complete	1
70	... B32 B34 (rigid)	2-1462	Gearbox adjusting screw stop washer (spring)	1
71	... B32 B34 (rigid)	2-2395	Gearbox adjusting screw stop nut	1
72	... B32 B34 (rigid)	65-4182	Rear engine and gearbox stud (top rear)	1
73	... B32 B34 (rigid)	42-4199	Saddle front fixing bolt	1
74	... B32 B34 (rigid)	42-9035	Saddle	1
75	... B32 B34 (rigid)	42-4719	Central stand complete	1
76	... B32 B34 (rigid)	28-2080	Central stand grease nipple	1
77	... B32 B34 (rigid)	2-49	Saddle spring stud nut	2
78	... B32 B34 (rigid)	2-923	Saddle spring stud washer (plain)	2
79	... B32 B34 (rigid)	2-49	Saddle spring stud nut	2
80	... B32 B34 (rigid)	2-923	Saddle spring stud washer (plain)	2
81	... B32 B34 (rigid)	65-9217	Saddle spring stud (rear)	2
82	... B32 B34 (rigid)	42-2001	Crankcase shield complete	1
83	... B32 B34 (rigid)	15-5753	Footrest stud securing nut	1
84	... B32 B34 (rigid)	65-695	Footrest stud washer (shakeproof)	1
85	... B32 B34 (rigid)	24-5914	Footrest stud washer (plain)	1
86	... B32 B34 (rigid)	42-4819	Footrest bracket (nearside)	1
87	... B32 B34 (rigid)	65-4811	Footrest distance tube complete (nearside)	1
88	... B32 B34 (rigid)	67-4800	Rear wheel adjusting screw	2
89	... B32 B34 (rigid)	1-6032	Rear wheel adjusting screw nut	2

Plate 12

FRAME & FITTINGS

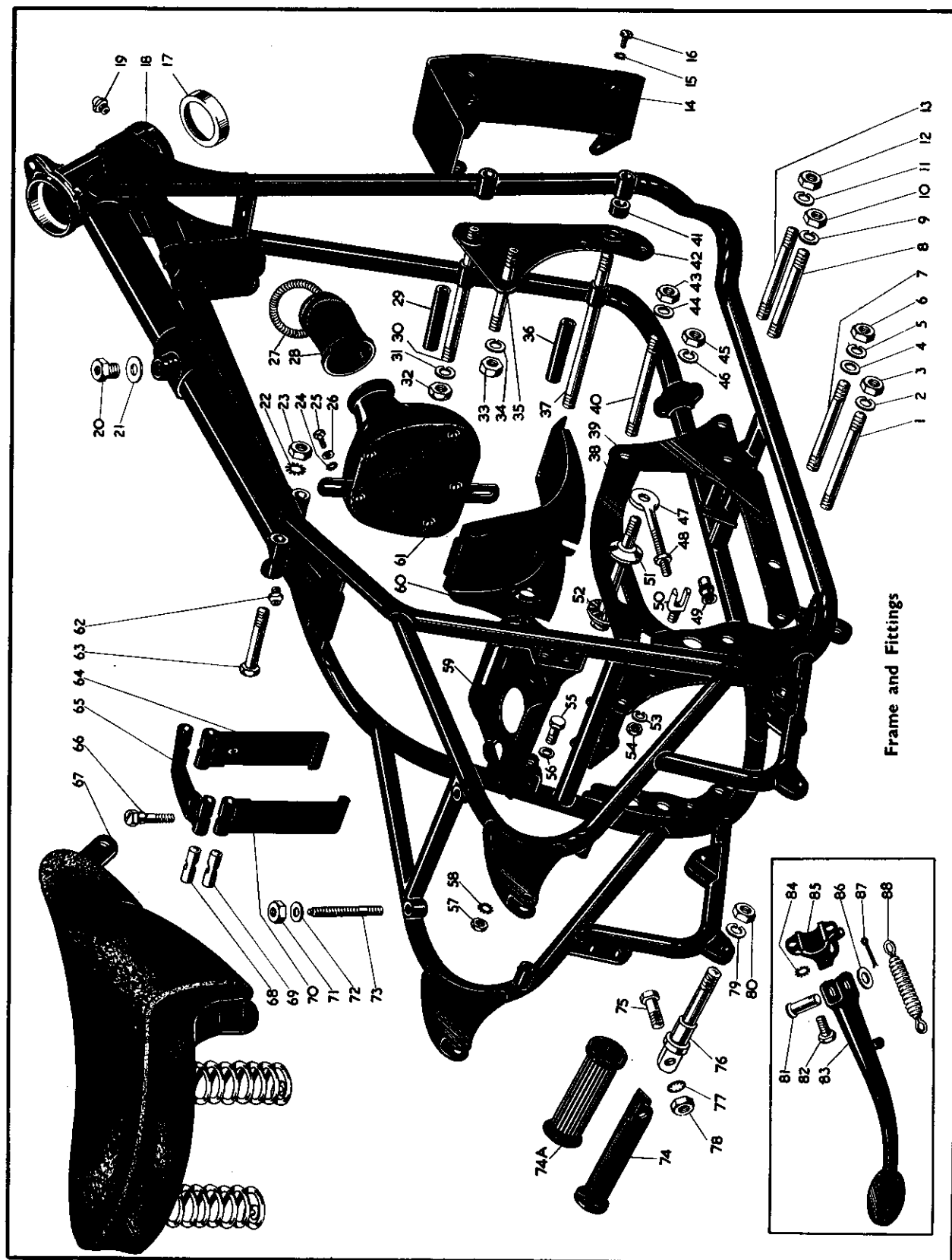
B Group Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	... B Group (swinging arm)	65-4182	Rear engine and gearbox plate stud (top and bottom rear)	2
2	... B Group (swinging arm)	2-522	Rear engine and gearbox plate stud washer (spring) (top and bottom rear)	4
3	... B Group (swinging arm)	2-46	Rear engine and gearbox plate stud nut (top and bottom rear)	4
4	... B Group (swinging arm)	2-1945	Gearbox pivot stud washer (plain)	2
5	... B Group (swinging arm)	2-1967	Gearbox pivot stud washer (spring)	2
6	... B Group (swinging arm)	2-1925	Gearbox pivot stud nut	2
7	... B Group (swinging arm)	42-4077	Gearbox pivot stud	1
8	... B Group (swinging arm)	27-5683	Rear engine and gearbox plate stud (bottom front)	1
9	... B Group (swinging arm)	2-522	Rear engine and gearbox plate stud washer (spring) (bottom front)	2
10	... B Group (swinging arm)	2-46	Rear engine and gearbox plate stud nut (bottom front)	2
11	... B Group (swinging arm)	2-522	Crankcase and rear engine plate fixing stud washer (spring) (bottom)	2
12	... B Group (swinging arm)	2-46	Crankcase and rear engine plate fixing stud nut (bottom)	2
13	... B Group (swinging arm)	27-5683	Crankcase and rear engine plate stud (bottom)	1
14	... B Group (swinging arm)	42-4125	Front engine plate cover	1
15	... B Group (swinging arm)	29-3319	Front engine plate cover screw washer (shakeproof)	6
16	... B Group (swinging arm)	2-1309	Front engine plate cover screw	6
17	... B Group (swinging arm)	66-4149	Ball head cup	2
18	... B Group (swinging arm)	42-4308	Frame complete with fixed fittings	1
18	... B Group (swinging arm)	42-4210	Frame complete with fixed fittings (1954)	1
19	... B Group (swinging arm)	28-2080	Ball head grease nipple	1
20	... B Group (swinging arm)	42-4078	Petrol tank fixing bolt socket	1
21	... B Group (swinging arm)	29-8740	Petrol tank fixing bolt socket tab washer	1
22	... B Group (swinging arm)	66-4707	Saddle front fixing bolt washer (shakeproof)	1
23	... B Group (swinging arm)	2-46	Saddle front fixing bolt nut	1
24	... B31 B33 (swinging arm)	29-3319	Air cleaning fixing screw washer (shakeproof)	2

Plate 12

FRAME and FITTINGS

B Group Swinging Arm Frame



Frame and Fittings

Front Fork and Fittings

Front Hub and Wheel Fittings

Rear Hub and Wheel Fittings

Mudguards, Chainguards, Toolboxes etc.

Mudguards, Chainguards, Oil Tank etc.

Handbrake, Petrol Tank, Dual Seat etc.

Mudguards, Chainguards, Oil Tank etc.

Petrol Tank, Handbrake, Rear Brake

Mudguards, Oil Tank and Rear Chainguard

Handbrake, Petrol Tank, Mudguards etc.

Mudguards, Chainguards, Handbrake etc.

Rear Seat, Rear Chainguard, Handbrake

Lightswitch

Lightswitch

Lightswitch

Lightswitch

Plate 12—continued

FRAME & FITTINGS

B Group Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
25	... B31 B33 (swinging arm)	42-4574	Air cleaner fixing screw	2
26	... B31 B33 (swinging arm)	2-1096	Air cleaner fixing screw washer (plain)	2
27	... B31 B33 (swinging arm)	42-4587	Air cleaner rubber connection spring clip	1
28	... B31 (swinging arm)	42-4568	Air cleaner rubber connection	1
28	... B31 (swinging arm)	42-4567	Air cleaner rubber connection (1954)	1
28	... B33 (swinging arm)	42-4568	Air cleaner rubber connection (1954)	1
28	... B33 (swinging arm)	42-4586	Air cleaner rubber connection	1
29	... B Group (swinging arm)	42-4070	Front engine plate and frame distance tube	1
30	... B Group (swinging arm)	27-5690	Front engine plate frame stud (top)	1
31	... B Group (swinging arm)	2-522	Front engine plate frame stud washer (spring)	4
32	... B Group (swinging arm)	2-46	Front engine plate frame stud nut	4
33	... B Group (swinging arm)	2-46	Crankcase front fixing stud nut	6
34	... B Group (swinging arm)	2-522	Crankcase front fixing stud washer (spring)	6
35	... B Group (swinging arm)	27-5684	Crankcase and front engine plate front fixing stud	3
36	... B Group (swinging arm)	42-4070	Front engine plate and frame distance tube	1
37	... B Group (swinging arm)	42-4099	Front engine plate stud (bottom) and horn fixing stud	1
38	... B Group (swinging arm)	42-4072	Rear engine and gearbox plate (top)	2
39	... B Group (swinging arm)	42-4073	Rear engine and gearbox plate (bottom)	2
40	... B Group (swinging arm)	65-4182	Crankcase and rear engine plate top fixing stud	1
41	... B Group (swinging arm)	42-4071	Front engine plate distance collar	2
42	... B Group (swinging arm)	42-4068	Front engine plate (offside)	1
42	... B Group (swinging arm)	42-4066	Front engine plate (nearside)	1
43	... B Group (swinging arm)	2-46	Crankcase and rear engine plate top fixing stud nut	2
44	... B Group (swinging arm)	2-522	Crankcase and rear engine plate top fixing stud washer (spring)	2
45	... B Group (swinging arm)	2-1925	Gearbox locking stud nut	1
46	... B Group (swinging arm)	2-1967	Gearbox locking stud washer (spring)	1
47	... B Group (swinging arm)	42-4076	Gearbox adjusting screw	1
48	... B Group (swinging arm)	2-1616	Gearbox adjusting screw locknut	1
49	... B Group (swinging arm)	15-5664	Gearbox adjusting screw nut	1
50	... B Group (swinging arm)	27-5705	Gearbox adjusting screw stop	1
51	... B Group (swinging arm)	42-4075	Gearbox locking stud washer (serrated)	1
52	... B Group (swinging arm)	42-4074	Gearbox locking stud complete	1
53	... B Group (swinging arm)	2-1462	Gearbox adjusting screw stop washer (spring)	1
54	... B Group (swinging arm)	2-2395	Gearbox adjusting screw stop nut	1
55	... B Group (swinging arm)	24-6770	Battery base plate bolt	4
56	... B Group (swinging arm)	2-923	Battery base plate bolt washer (plain)	2
57	... B Group (swinging arm)	15-6524	Battery base plate bolt nut	2
58	... B Group (swinging arm)	36-382	Battery base plate bolt washer (shakeproof)	4
59	... B Group (swinging arm)	42-4515	Battery base plate	1
60	... B Group (swinging arm)	42-4272	Rear engine plate cover complete	1
61	... B31 B33 (swinging arm)	42-4583	Air cleaner complete	1
62	... B Group (swinging arm)	28-2080	Saddle front fixing bolt grease nipple	1
63	... B Group (swinging arm)	67-4030	Saddle front fixing bolt	1
—	... B Group (swinging arm)	42-4514	Battery carrier complete	1
64	... B Group (swinging arm)	42-4516	Battery strap (side) complete	1
65	... B Group (swinging arm)	42-4502	Battery strap (top)	1
66	... B Group (swinging arm)	42-4504	Battery strap bolt	2
67	... B Group (swinging arm)	42-9032	Saddle (as required)	1
68	... B Group (swinging arm)	42-4505	Battery strap swivel pin (plain hole)	2
69	... B Group (swinging arm)	42-4506	Battery strap swivel pin (tapped hole)	2
70	... B Group (swinging arm)	42-4503	Battery strap (side)	1
71	... B Group (swinging arm)	2-49	Saddle rear fixing stud nut	4
72	... B Group (swinging arm)	2-923	Saddle rear fixing stud washer (plain)	4
73	... B Group (swinging arm)	67-4040	Saddle rear fixing stud	2
—	... B Group (swinging arm)	42-4835	Pillion footrest complete assembly	2
74	... B31 B33 (swinging arm)	29-7581	Pillion footrest only	2
74	... B Group (swinging arm)	29-7561	Pillion footrest (1954)	2
74A	... B31 B33 (swinging arm)	29-7583	Pillion footrest rubber	2
75	... B Group (swinging arm)	29-7564	Pillion footrest swivel bolt	2
76	... B Group (swinging arm)	29-7560	Pillion footrest anchor bolt	2
77	... B Group (swinging arm)	36-382	Pillion footrest swivel bolt washer (shakeproof)	2
78	... B Group (swinging arm)	24-6040	Pillion footrest swivel bolt nut	2
79	... B Group (swinging arm)	2-522	Pillion footrest anchor bolt washer (spring)	2
80	... B Group (swinging arm)	2-46	Pillion footrest anchor bolt nut	2
—	... B Group (swinging arm)	42-4769	Prop stand assembly	1
81	... B Group (swinging arm)	67-4907	Prop stand pivot pin	1
82	... B Group (swinging arm)	28-2338	Prop stand lug clip bolt	2
83	... B Group (swinging arm)	42-4772	Prop stand leg complete	1
84	... B Group (swinging arm)	36-382	Prop stand lug clip bolt washer (shakeproof)	2

Plate 12—continued

FRAME & FITTINGS

B Group Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
85 ...	B Group (swinging arm)	42-4776 ...	Prop stand lug body complete ...	1
86 ...	B Group (swinging arm)	2-1945 ...	Prop stand pivot pin washer (plain) ...	1
87 ...	B Group (swinging arm)	35-710 ...	Prop stand pivot pin split pin ...	1
88 ...	B Group (swinging arm)	65-4742 ...	Prop stand spring ...	1

Plate 13

REAR SUSPENSION

B Group Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1 ...	B Group (swinging arm)	42-4719 ...	Central stand complete ...	1
2 ...	B Group (swinging arm)	28-2080 ...	Central stand grease nipple ...	1
3 ...	B Group (swinging arm)	65-4727 ...	Central stand spring ...	1
4 ...	B Group (swinging arm)	42-4713 ...	Central stand distance tube ...	1
5 ...	B Group (swinging arm)	42-4714 ...	Central stand pivot stud ...	1
6 ...	B Group (swinging arm)	2-1945 ...	Central stand pivot stud washer (plain) ...	1
7 ...	B Group (swinging arm)	2-1967 ...	Central stand pivot stud washer (spring) ...	1
8 ...	B Group (swinging arm)	24-5860 ...	Central stand pivot stud nut ...	2
9 ...	B Group (swinging arm)	42-4806 ...	Footrest distance tube complete (offside) ...	1
10 ...	B Group (swinging arm)	42-4804 ...	Footrest bracket (offside) ...	1
11 ...	B Group (swinging arm)	42-4808 ...	Footrest stud complete ...	1
12 ...	B Group (swinging arm)	29-7551 ...	Footrest rubber ...	2
13 ...	B Group (swinging arm)	42-4116 ...	Swinging arm fork spindle locknut ...	1
14 ...	B Group (swinging arm)	42-4117 ...	Swinging arm fork spindle washer ...	1
15 ...	B Group (swinging arm)	1-1796 ...	Rear mudguard bracket and damper top fixing bolt nut ...	2
16 ...	B Group (swinging arm)	2-522 ...	Rear mudguard bracket and damper top fixing bolt washer (spring) ...	2
17 ...	B Group (swinging arm)	42-6763 ...	Rear mudguard bracket and damper spacing collar ...	2
18 ...	B Group (swinging arm)	2-1733 ...	Rear mudguard bracket and damper top fixing bolt washer (plain) ...	2
19 ...	B Group (swinging arm)	65-4185 ...	Rear mudguard bracket and damper top fixing bolt ...	2
20 ...	B Group (swinging arm)	42-4294 ...	Rear suspension damper spring ...	2
21 ...	B Group (swinging arm)	42-4289 ...	Rear suspension split ring retainer (retaining outer shroud) (two halves) ...	2
22 ...	B Group (swinging arm)	42-4291 ...	Rear suspension outer shroud ...	2
23 ...	B Group (swinging arm)	66-2010 ...	Swinging arm fork spindle securing bolt ...	1
24 ...	B Group (swinging arm)	36-382 ...	Swinging arm fork spindle securing bolt washer (shakeproof) ...	1
25 ...	B Group (swinging arm)	42-4297 ...	Rear suspension damper complete (spring 110 lbs. rate) ...	2
25 ...	B Group (swinging arm)	42-4286 ...	Rear suspension unit complete (1954) ...	1
25 ...	B Group (swinging arm)	42-4300 ...	Rear suspension damper complete (spring 130 lbs. rate) ...	2
26 ...	B Group (swinging arm)	42-4112 ...	Swinging arm fork spindle complete ...	1
27 ...	B Group (swinging arm)	42-4115 ...	Swinging arm housing "silent bloc" ...	2
28 ...	B Group (swinging arm)	42-4292 ...	Rear suspension inner shroud ...	2
29 ...	B Group (swinging arm)	3-1399 ...	Rear suspension damper bottom fixing bolt ...	2
30 ...	B Group (swinging arm)	2-1733 ...	Rear suspension damper bottom fixing bolt washer (plain) ...	2
31 ...	B Group (swinging arm)	42-4155 ...	Rear suspension mounting bush (rubber) ...	4
32 ...	B Group (swinging arm)	42-4102 ...	Swinging arm complete ...	1
33 ...	B Group (swinging arm)	67-4129 ...	Rear suspension damper bottom bolt washer ...	2
34 ...	B Group (swinging arm)	66-4707 ...	Rear suspension damper bottom bolt washer (shakeproof) ...	2
35 ...	B Group (swinging arm)	2-46 ...	Rear suspension damper bottom bolt nut ...	2
36 ...	B Group (swinging arm)	1-6032 ...	Adjusting screw locknut for rear wheel ...	2
37 ...	B Group (swinging arm)	67-4800 ...	Adjusting screw for rear wheel ...	2
38 ...	B Group (swinging arm)	15-5753 ...	Footrest stud securing nut ...	1
39 ...	B Group (swinging arm)	65-695 ...	Footrest stud washer (shakeproof) ...	1
40 ...	B Group (swinging arm)	24-5914 ...	Footrest stud washer (plain) ...	2
41 ...	B Group (swinging arm)	42-4805 ...	Footrest bracket (nearside) ...	1
42 ...	B Group (swinging arm)	65-4811 ...	Footrest distance tube complete (nearside) ...	1
43 ...	B32 B34 (swinging arm)	27-5683 ...	Crankcase fixing stud (front) (when crankcase shield is fitted) ...	1
44 ...	B32 B34 (swinging arm)	42-2001 ...	Crankcase shield complete ...	1

REAR SUSPENSION B Group Swinging Arm Frame

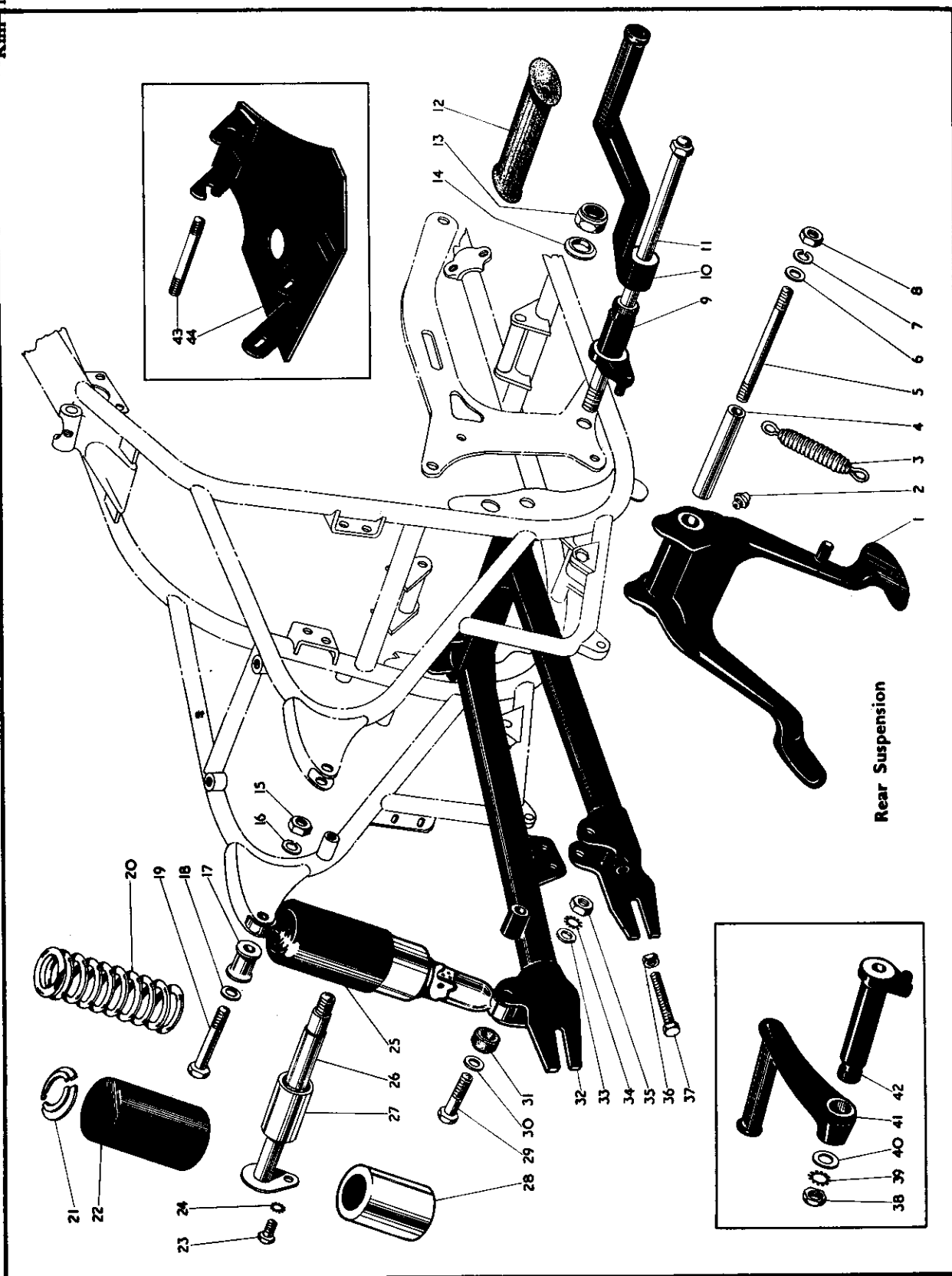


Plate 14

FRONT FORK and FITTINGS

B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31	65-5443	Front forks complete assembly	1
—	B31	65-5432	Front forks complete assembly (1954)	1
—	B33	65-5444	Front forks complete assembly	1
—	B33	65-5433	Front forks complete assembly (1954)	1
1	B31 B33	65-5295	Fork end bolt (nearside)	1
2	B31 B33	2-2903	Fork end bolt spring washer	1
3	B31 B33	2-292	Fork end drain plug washer	2
4	B31 B33	2-1309	Fork end drain plug	2
5	B31	65-5408	Front fork sliding tube (nearside)	1
5	B33	67-6057	Front fork sliding tube (nearside)	1
6	B31 B33	29-5346	Front fork top bearing	2
7	B31 B33	29-5320	Front fork top bearing circlip	2
8	B31 B33	29-5313	Front fork oil seal	2
9	B31 B33	29-5310	Front fork oil seal holder	2
10	B31 B33	65-5390	Front fork spring	2
11	B31 B33	67-5009	Fork outer sleeve	2
12	B31 B33	29-5283	Front fork shaft plug	2
13	B31 B33	29-5338	Front fork shaft plug washer	2
14	B31 B33	29-5347	Front fork bottom bearing	2
15	B31 B33	67-5014	Front fork shaft	2
16	B31 B33	27-5135	Front fork top yoke clip bolt	1
17	B31 B33	65-5333	Handlebar clip	2
18	B31 B33	15-5155	Handlebar and yoke clip bolt washer	4
19	B31 B33	65-5334	Handlebar and yoke clip bolt	4
20	B31 B33	67-5024	Steering stem adjusting sleeve cap	1
21	B31 B33	67-5023	Steering stem adjusting sleeve	1
22	B31 B33	2-49	Steering damper anchor plate nut	1
22A	B31 B33	65-5445	Steering head lock	1
23	B31 B33	65-5331	Front fork tube nut	2
24	B31 B33	65-5332	Front fork tube nut washer	2
25	B31 B33	65-5448	Front fork top yoke	1
25	B31 B33	65-5431	Front fork top yoke (1954)	1
26	B31 B33	66-5204	Steering head dust cap	1
27	B31 B33	65-5126	Steering head ball race cone (tap)	1
28	B31 B33	1/4" dia.	Steering head balls	40
29	B31 B33	65-5127	Steering head ball race cone (bottom)	1
30	B31 B33	42-5012	Front fork bottom yoke	1
31	B31 B33	24-5160	Bottom yoke bolt nut	2
32	B31 B33	36-382	Bottom yoke bolt washer (shakeproof)	2
33	B33	29-5289	Bottom yoke bolt	2
33	B31	65-5435	Bottom yoke bolt	2
34	B31 B33	67-5021	Steering damper adjusting rod	1
35	B31 B33	24-6035	Steering damper knob spring washer	1
36	B31 B33	65-5380	Steering damper friction washer	1
37	B31 B33	27-5152	Steering damper anchor plate	1
38	B31 B33	25-5241	Steering damper bottom plate	1
39	B31 B33	25-5247	Steering damper star washer	1
40	B31 B33	65-5328	Steering damper centre	1
41	B31 B33	65-5327	Steering damper anchor plate stud	1
42	B31 B33	2-923	Steering damper anchor plate bolt washer	1
43	B31 B33	36-382	Steering damper anchor plate bolt washer (shakeproof)	1
44	B31 B33	2-49	Steering damper anchor plate bolt nut	1
45	B31 B33	67-5080	Headlamp cowl fixing support washer	2
46	B31 B33	67-5088	Speedo mounting rubber	1
47	B31 B33	67-5084	Headlamp cowl complete	1
48	B31 B33	65-5087	Rubber extrusion	1
49	B31	65-5410	Front fork sliding tube complete (o/s)	1
49	B33	65-5420	Front fork sliding tube complete (o/s)	1

Front Fork
and
FittingsFront Hub
and Wheel
FittingsRear Hub
and Wheel
FittingsMudguards
Chainguard
Toolbox etc.Mudguards
Chainguard
Oil Tank etc.Handlebar
Fuel Tank
Dual Seat etc.Mudguards
Chainguard
Oil Tank etc.Fuel Tank
Handlebar
Rear BrakeMudguards
Oil Tank and
Rear ChainguardHandlebar
Fuel Tank
Mudguards etc.Mudguards
Chainguard
Handlebar etc.Rear Brake
Chain
Handlebar

Leghills

Fuel Tank
Seat etc.

Plate 14

FRONT FORK and FITTINGS
B31 B33 Rigid and Spring Frame

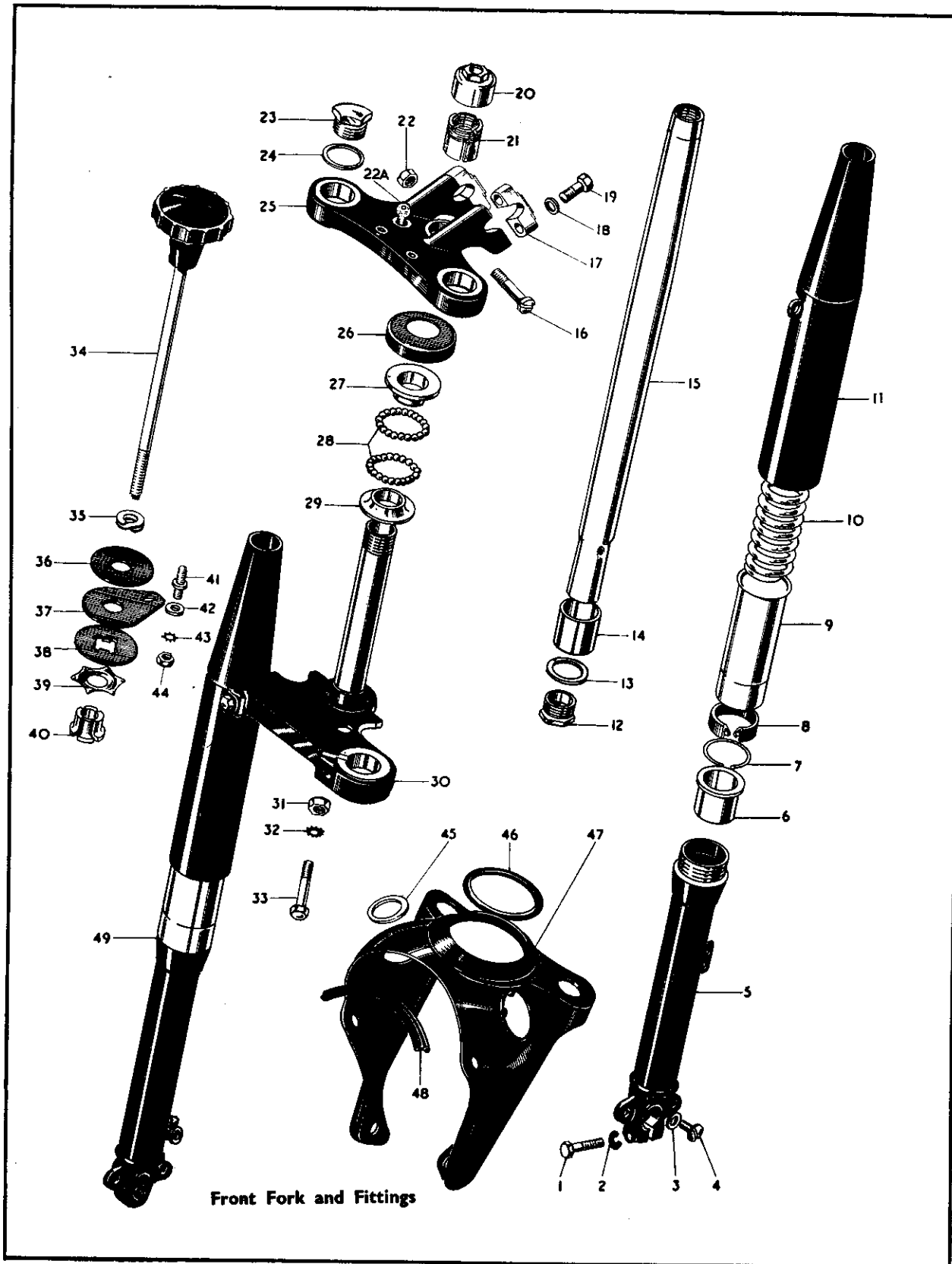


Plate 15

FRONT FORK (less Lighting Set)

B32 B34 Rigid Frame (Competition) 7" Brake

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B32	42-5006	Front fork complete	1
2	B34	65-5295	Fork end bolt (nearside)	1
3	B32 B34	2-2903	Fork end bolt spring washer	1
4	B32 B34	2-292	Fork end drain plug washer	2
5	B32 B34	2-1309	Fork end drain plug	2
6	B32 B34	65-5408	Front fork sliding tube (nearside) complete	1
7	B32 B34	65-5424	Front fork top bearing	2
8	B32 B34	29-5320	Front fork top bearing circlip	2
9	B32 B34	29-5313	Front fork oil seal	2
10	B32 B34	29-5310	Front fork oil seal holder complete	2
11	B32 B34	65-5390	Front fork springs	2
12	B32 B34	67-5009	Fork outer sleeve	2
13	B32 B34	65-5334	Handlebar and yoke clip bolt	2
14	B32 B34	15-6155	Handlebar and yoke clip bolt washer	4
15	B32 B34	65-5426	Steering damper knob securing plate	1
16	B32 B34	2-6026	Handlebar clip and damper knob securing plate bolt	2
17	B32 B34	2-370	Handlebar clip and damper knob securing plate distance piece	2
18	B32 B34	67-5024	Steering stem adjusting sleeve cap	1
19	B32 B34	67-5023	Steering stem adjusting sleeve	1
20	B32 B34	2-46	Front fork top yoke clip bolt nut	1
21	B32 B34	65-5331	Front fork tube nut	2
22	B32 B34	65-5332	Front fork tube nut washer	2
23	B32 B34	67-5021	Steering damper adjusting rod complete	1
24	B32 B34	15-7161	Combined number plate screw	3
25	B32 B34	27-8560	Combined number plate screw washer	6
26	B32 B34	65-6617	Front number plate bracket	1
27	B32 B34	2-1462	Combined number plate screw spring washer	3
28	B32 B34	2-2395	Combined number plate screw nut	3
29	B32 B34	66-5204	Steering head dust cap	1
30	B32 B34	65-5126	Steering head ball race cone (tap)	1
31	B32 B34	1/4" dia.	Steering head balls	40
32	B32 B34	65-5127	Steering head ball race cone (bottom)	1
33	B32 B34	42-5012	Front fork bottom yoke complete	1
34	B32 B34	24-5160	Bottom yoke bolt nut	2
35	B32 B34	36-382	Bottom yoke bolt washer (shakeproof)	2
36	B32 B34	29-5289	Bottom yoke bolt	2
37	B32 B34	24-6035	Steering damper knob spring washer	1
38	B32 B34	65-5380	Steering damper friction washer	1
39	B32 B34	42-5014	Steering damper anchor plate	1
40	B32 B34	28-2338	Steering damper anchor plate bolt	1
41	B32 B34	2-923	Steering damper anchor plate bolt washer	1
42	B32 B34	36-382	Steering damper anchor plate bolt washer (shakeproof)	1
43	B32 B34	2-49	Steering damper anchor plate bolt nut	1
44	B32 B34	24-5247	Steering damper star washer	1
45	B32 B34	65-5328	Steering damper centre	1
46	B32 B34	65-5410	Front fork sliding tube (offside) complete	1
47	B32 B34	65-5333	Handlebar clip	2
48	B32 B34	27-5135	Front fork top yoke clip bolt	1
49	B32 B34	89-5061	Front fork shaft	2
50	B32 B34	29-5347	Front fork bottom bearing	2
51	B32 B34	29-5338	Front fork shaft plug washer	2
52	B32 B34	29-5283	Front fork shaft plug	2
53	B32 B34	65-6616	Competition number plate (front)	1
54	B32 B34	65-6615	Registration number plate (front)	1
55	B32 B34	42-5011	Front fork top yoke	1

Front Hub
and Wheel
FittingsRear Hub
and Wheel
FittingsHandlebars
Chainguards
Toolbox etc.Handlebars
Chainguards
Oil Tank etc.Handlebars
Fuel Tank
Seat etc.Handlebars
Chainguards
Oil Tank etc.Fuel Tank
Handlebars
Rear BrakeHandlebars
Oil Tank and
Rear ChainguardHandlebars
Fuel Tank
Handlebars etc.Handlebars
Chainguards
Handlebars etc.Handlebars
Chainguards
Handlebars

Lighting

Handlebars
Chainguards
Handlebars

Plate 15 FRONT FORK and FITTINGS (LESS LIGHTING SET) B32 B34 Rigid Frame (Competition) 7" Brake

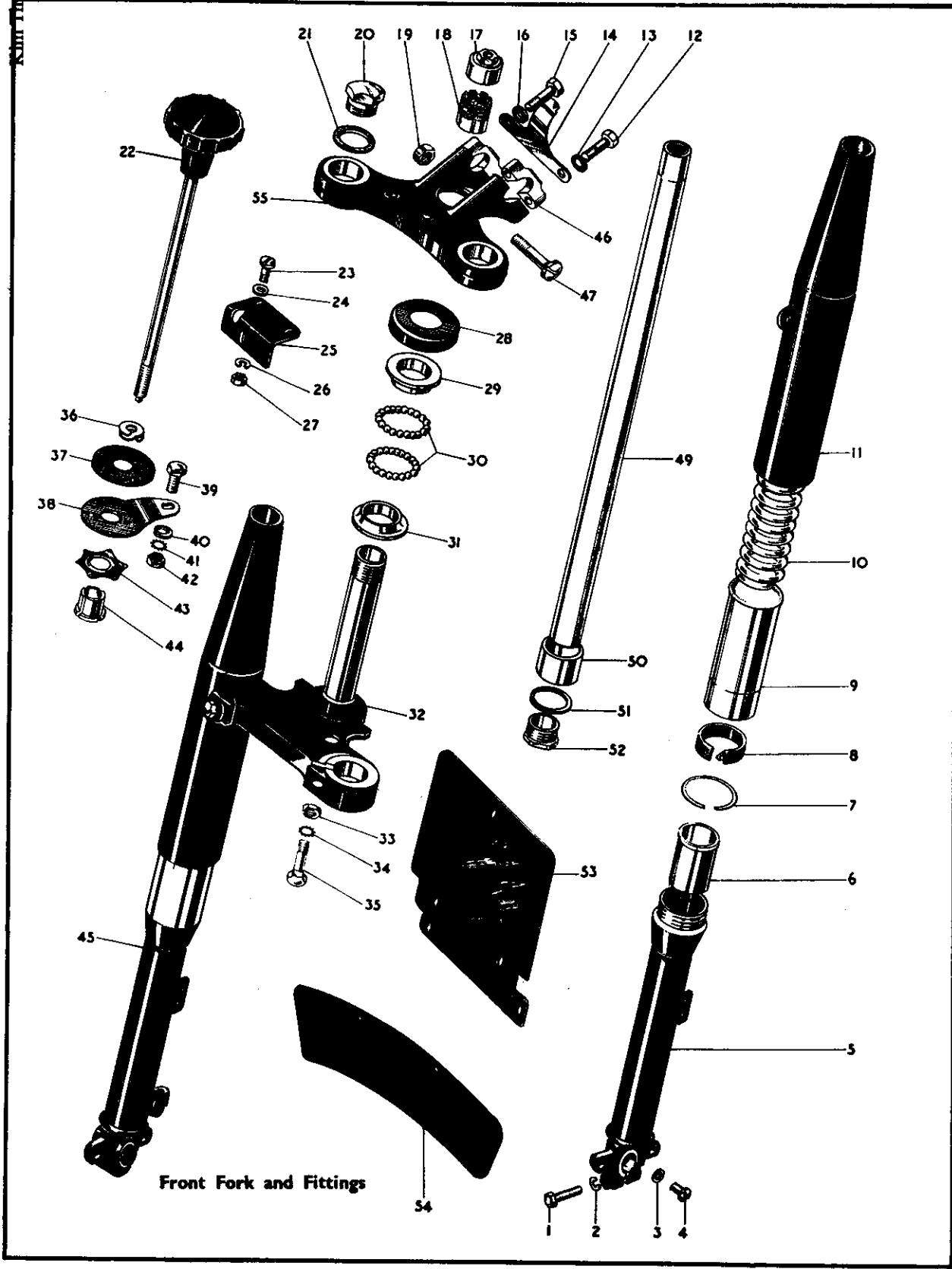


Plate 16

FRONT FORK and FITTINGS

B31 B32 B34 (7" Brake), B33 (8" Brake) Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31	42-5034	Front fork complete (7" brake) (assembled)	1
—	B31 B32 B34	42-5004	Front forks complete (7" brakes) assembled (1954)	1
—	B33	42-5033	Front fork complete (8" brake) (assembled)	1
—	B33	42-5005	Front forks complete (8" brake) assembled (1954)	1
1	B Group	67-5087	Headlamp cowl rubber extrusion	1
2	B Group	67-5080	Headlamp cowl fixing support washer	2
3	B Group	67-5088	Speedo mounting rubber	1
4	B Group	67-5084	Headlamp cowl complete	1
5	B Group	42-5035	Front fork top yoke	1
5	B Group	42-5010	Front fork top yoke (1954)	1
6	B Group	65-5331	Front fork tube nut	2
7	B Group	65-5332	Front fork tube nut washer	2
8	B Group	29-5315	Front fork top yoke clip bolt nut	1
8A	B Group	65-5445	Steering head lock	1
9	B Group	67-5024	Steering stem adjusting sleeve cap	1
10	B Group	67-5023	Steering stem adjusting sleeve	1
11	B Group	65-5334	Handlebar and yoke clip bolt	4
12	B Group	15-5155	Handlebar and yoke clip bolt washer	4
13	B Group	65-5333	Handlebar clip	2
14	B Group	27-5135	Front fork top yoke clip bolt	1
15	B Group	66-5204	Steering head dust cap	1
16	B Group	65-5126	Steering head ball race cone (top)	1
17	B Group	1/4" dia.	Steering head balls	40
18	B Group	65-5127	Steering head ball race cone (bottom)	1
19	B Group	42-5012	Front fork bottom yoke complete	1
20	B Group	67-5021	Steering damper adjusting rod complete	1
21	B Group	24-6035	Steering damper knob spring washer	1
22	B Group	65-5380	Steering damper friction washer	1
23	B Group	42-5014	Steering damper anchor plate	1
24	B Group	25-5247	Steering damper star washer	1
25	B Group	65-5328	Steering damper centre	1
26	B Group	28-2338	Steering damper anchor plate bolt	1
27	B Group	2-923	Steering damper anchor plate bolt washer (plain)	1
28	B Group	36-382	Steering damper anchor plate bolt lock washer	1
29	B Group	2-49	Steering damper anchor plate bolt nut	1
31	B Group	24-5160	Bottom yoke bolt nut	2
32	B Group	36-382	Bottom yoke bolt washer (shakeproof)	2
33	B Group	65-5435	Bottom yoke bolt	2
34	B Group	89-5061	Front fork shaft	2
35	B Group	29-5338	Front fork shaft plug washer	2
36	B Group	29-5283	Front fork shaft plug	2
37	B Group	67-5009	Front fork outer sleeve	2
38	B Group	65-5390	Front fork spring	2
39	B Group	65-5424	Front fork top bearing	2
40	B Group	29-5310	Front fork oil seal holder complete	2
41	B Group	29-5313	Front fork oil seal	2
42	B Group	29-5320	Front fork top bearing circlip	2
43	B Group	29-5347	Front fork bottom bearing	2
44	B31 B32 B34	65-5410	Front fork sliding tube (offside) complete	1
45	B Group	65-5295	Fork end bolt (nearside)	1
46	B Group	2-2903	Fork end bolt spring washer	1
47	B31 B32 B34	65-5408	Fork sliding tube (nearside) complete	1
48	B Group	2-292	Fork end drain plug washer (fibre)	2
49	B Group	2-1309	Fork end drain plug	2
50	B33	65-5420	Fork sliding tube (offside) complete	1
51	B33	67-5057	Fork sliding tube (nearside) complete	1

Front Hub
and Wheel
FittingsRear Hub
and Wheel
FittingsMudguards
Chainguard
Toolbox etc.Mudguards
Chainguard
Oil Tank etc.Headlight
Petrol Tank
Fuel Tank etc.Mudguards
Chainguard
Oil Tank etc.Petrol Tank
Headlight
Rear BrakeMudguards
Oil Tank and
Rear ChainguardHeadlight
Petrol Tank
Mudguards etc.Mudguards
Chainguard
Headlight etc.Rearview Mirror
Candle
Headlight

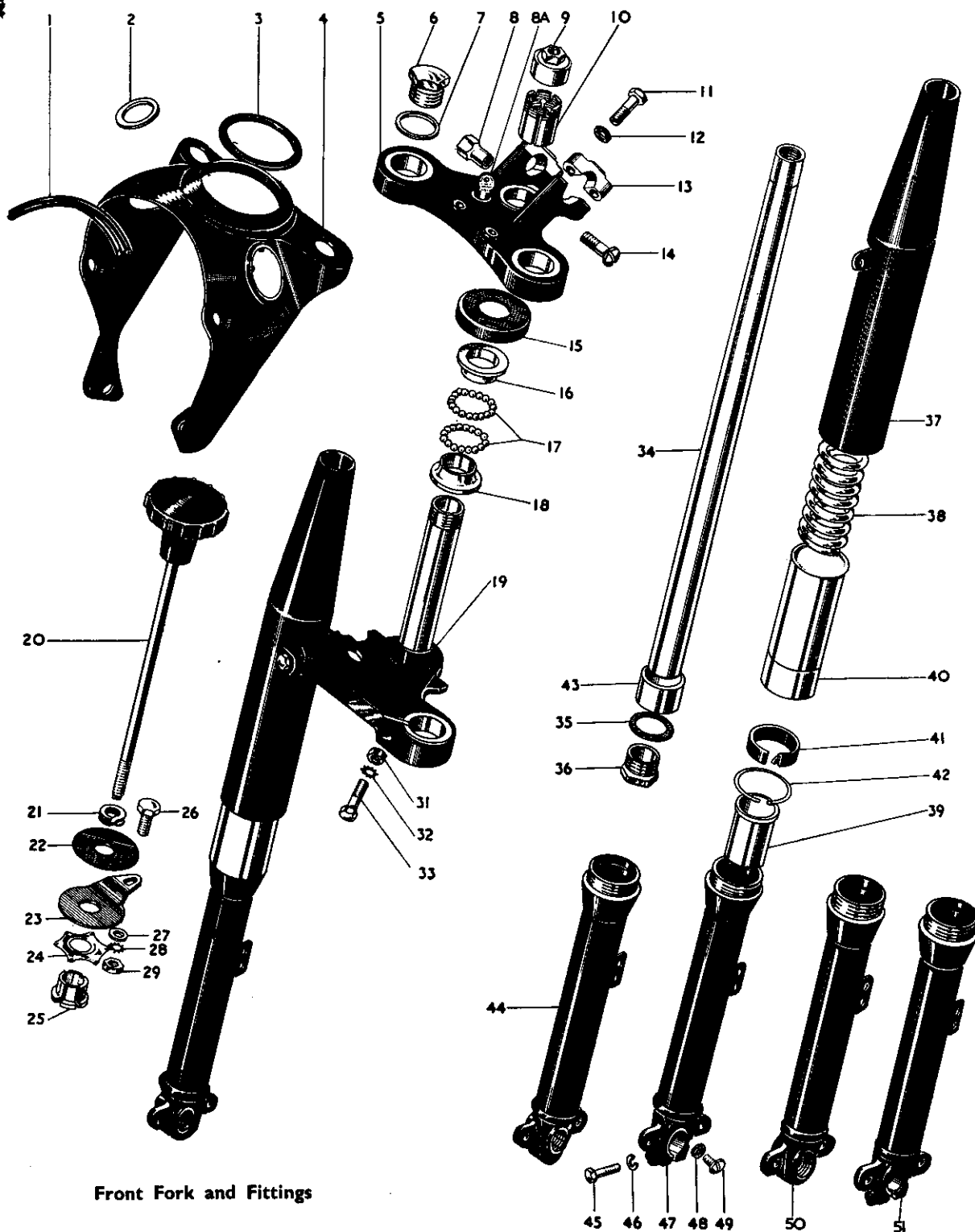
Logbook

Toolbox

Plate 16

FRONT FORK and FITTINGS

B31 B32 B34 (7" Brake) B33 (8" Brake) Swinging Arm Frame



Front Fork and Fittings

Plate 17

FRONT HUB and WHEEL FITTINGS

B31 Rigid and Spring
B32 B34 Rigid Frame (Competition)
B31 B32 B34 Swinging Arm

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31	65-5870	Front wheel complete (less brake and tyre)	1
—	B32 B34	65-5915	Front wheel complete (less brake and tyre)	1
1	B31	65-5872	Front wheel spoke (long)	20
1	B32 B34	65-5537	Front wheel spoke (long)	20
2	B31 B32 B34	27-6810	Front wheel spoke nipple	20
3	B31 B32 B34	65-5929	Front hub spindle	1
4	B31 B32 B34	65-5892	Front hub spindle distance piece	1
5	B31 B32 B34	65-5893	Front brake cover plate nut	1
6	B31 B32 B34	65-5890	Front hub distance collar	1
7	B31 B32 B34	65-5888	Front hub felt washer retaining cup	1
8	B31 B32 B34	65-5886	Front hub washer (felt)	1
9	B31 B32 B34	65-5887	Front hub felt washer retaining ring	1
10	B31 B32 B34	65-5883	Front hub ball journal	1
11	B31 B32 B34	65-5889	Front hub spindle sleeve	1
12	B31 B32 B34	65-5876	Front hub shell complete (with spindle and bearings)	1
13	B31 B32 B34	15-5290	Front hub grease nipple	1
14	B31 B32 B34	65-5884	Front hub bearing thrust washer	1
15	B31 B32 B34	65-5883	Front hub ball journal	1
16	B31 B32 B34	65-5885	Front hub bearing retaining ring	1
17	B31 B32 B34	65-5891	Front hub distance piece	1
18	B31	65-5910	Front wheel spoke (short)	20
18	B32 B34	15-622	Front wheel spoke (short)	20
19	B31 B32 B34	27-6810	Front wheel spoke nipple	20
20	B31	67-5543	Front wheel rim	1
20	B32 B34	65-5916	Front wheel rim	1
21	B31 B32 B34	65-5899	Front brake shoe fulcrum pin	1
22	B31 B32 B34	35-6436	Front brake shoe lining rivet	14
23	B31 B32 B34	65-5903	Front brake shoe lining	2
24	B31 B32 B34	65-5901	Front brake shoe with lining	2
25	B31 B32 B34	65-5895	Front brake cover plate complete	1
26	B31 B32 B34	65-5893	Front brake cover plate nut	1
27	B31 B32 B34	24-8045	Front brake fulcrum pin serrated washer	1
28	B31 B32 B34	24-5860	Front brake fulcrum pin nut	1
29	B31 B32 B34	15-431	Front brake shoe cam washer (plain)	1
30	B31 B32 B34	66-4708	Front brake shoe cam washer (shakeproof)	1
31	B31 B32 B34	2-440	Front brake shoe cam nut	1
32	B31 B32 B34	29-5871	Front brake lever toggle	1
33	B31 B32 B34	2-510	Front brake lever toggle screw	1
34	B31 B32 B34	65-5907	Front brake operating lever	1
35	B31 B32 B34	2-1462	Front brake lever toggle washer (spring)	1
36	B31 B32 B34	2-443	Front brake lever toggle nut	1
37	B31 B32 B34	65-5674	Front brake shoe cam bearing oil hole clip	1
38	B31 B32 B34	65-5904	Front brake shoe spring	2
39	B31 B32 B34	65-5905	Front brake shoe cam complete	1

Front Hub
and Wheel
FittingsRear Hub
and Wheel
FittingsMudguards
Chalmers
Toolbox etc.Mudguards
Chalmers
Oil Tank etc.Handbrake
Petrol Tank
Dual Seat etc.Mudguards
Chalmers
Oil Tank etc.Petrol Tank
Handbrake
Rear BrakeMudguards
Oil Tank and
Rear Chalmers

Plate 18

FRONT HUB and WHEEL FITTINGS

B33 Rigid and Spring
B33 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B33	67-5542	Front wheel complete (less brake and tyre) (1954)	1
—	B33	67-5605	Front wheel complete (less brake and tyre)	1
1	B33	67-5544	Front wheel spoke (short)	20
2	B33	27-6810	Front wheel spoke nipple	40
3	B33	67-5566	Front hub spindle	1
4	B33	67-5561	Front hub bearing locking ring (nearside)	1
5	B33	35-701	Front hub bearing locking ring retaining pin	1
6	B33	67-5563	Front hub bearing oil retaining washer (nearside)	1
7	B33	65-5883	Front hub ball journal	1
8	B33	15-5290	Front hub grease nipple	1
9	B33	66-5556	Front hub shell complete (with spindle, sleeve and bearings)	1

Handbrake
Petrol Tank
Mudguards etc.Mudguards
Chalmers
Handbrake etc.Rear Brake
Caster
Handbrake

Legs etc.

Plate 17

FRONT HUB and WHEEL FITTINGS

B31 Rigid and Spring
B32 B34 Rigid Frame (Competition)
B31 B32 B34 Swinging Arm Frame

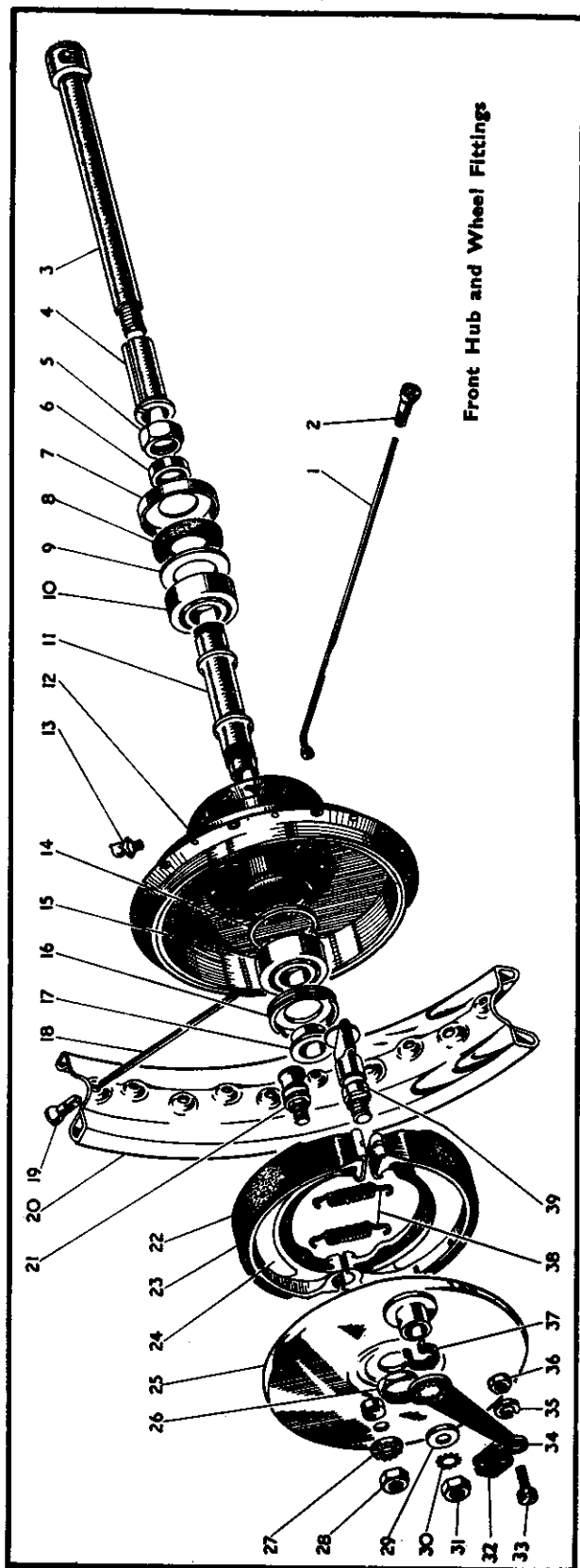


Plate 18

B33 Rigid and Spring
B33 Swinging Arm Frame

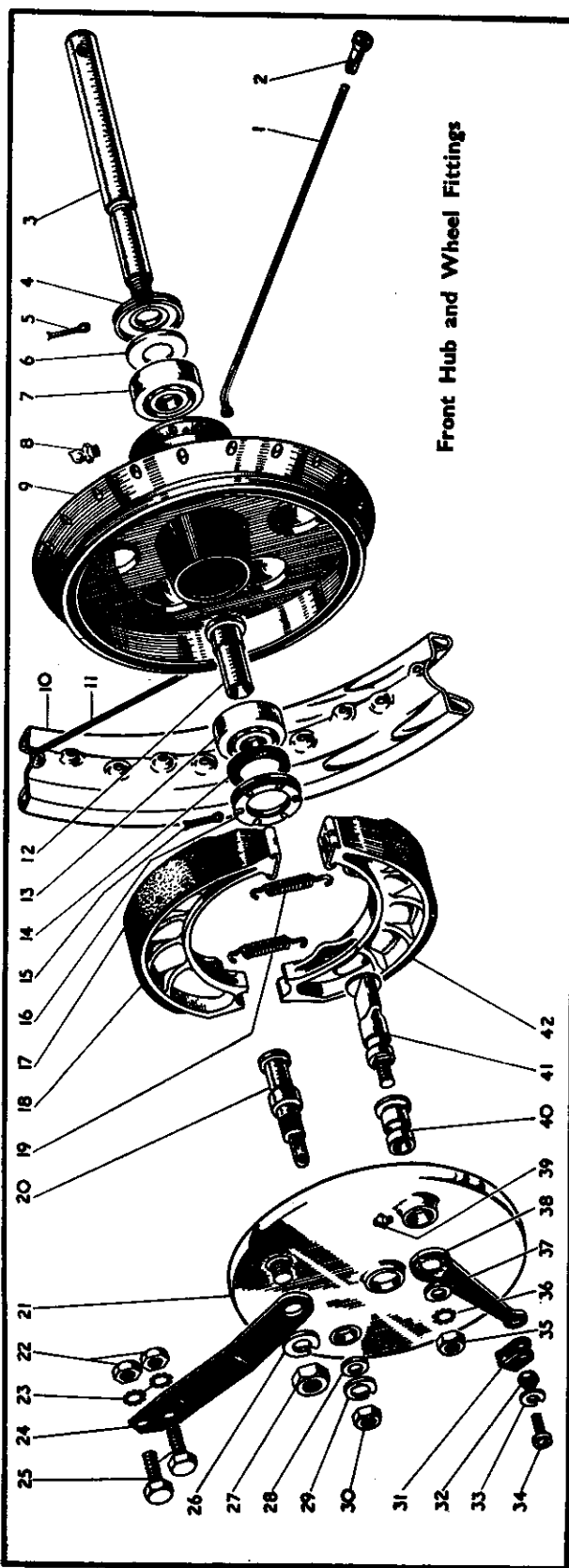


Plate 18—continued FRONT HUB and WHEEL FITTINGS

B33 Rigid and Spring
B33 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
9	B33	67-5547	Front hub complete with spindle, sleeve and bearings (1954)	1
10	B33	67-5543	Front wheel rim	1
11	B33	67-5545	Front wheel spoke (long) (1954)	20
12	B33	67-5806	Front wheel spoke (long)	20
13	B33	67-5565	Front hub spindle sleeve	1
14	B33	65-5883	Front hub ball journal	1
15	B33	67-5564	Front hub bearing oil retaining washer (offside)	1
16	B33	35-701	Front hub bearing locking ring retaining pin	1
17	B33	67-5562	Front hub bearing locking ring (offside)	1
18	B33	67-5575	Front brake shoe lining rivet	14
19	B33	67-5571	Front brake shoe lining	2
20	B33	65-5904	Front brake shoe spring	2
21	B33	67-5576	Front brake fulcrum and adjusting pin	1
22	B33	67-5555	Front brake cover plate with fixed fittings	1
23	B33	2-49	Front brake anchor strap nut	2
24	B33	36-382	Front brake anchor strap nut washer	2
25	B33	67-5578	Front brake anchor strap	1
26	B33	32-194	Front brake anchor strap bolt	2
27	B33	15-716	Front brake cover plate and anchor strap spring washer	1
28	B33	15-541	Front brake cover plate and anchor strap nut	1
29	B33	25-6014	Front brake fulcrum and adjusting pin washer (plain)	1
30	B33	35-37	Front brake fulcrum and adjusting pin spring washer	1
31	B33	2-2527	Front brake fulcrum and adjusting pin nut	1
32	B33	29-5871	Front brake lever toggle	1
33	B33	2-443	Front brake lever toggle nut	1
34	B33	2-1462	Front brake lever toggle washer	1
35	B33	2-510	Front brake lever toggle screw	1
36	B33	2-440	Front brake shoe cam nut	1
37	B33	66-4708	Front brake shoe cam washer (shakeproof)	1
38	B33	15-431	Front brake shoe cam washer (plain)	1
39	B33	65-5907	Front brake operating lever	1
40	B33	28-2080	Front brake fulcrum pin grease nipple	1
41	B33	67-5567	Front brake cam bearing	1
42	B33	67-5572	Front brake shoe cam complete	1
	B33	67-5558	Front brake shoe with lining	1

Rear Hub
and Wheel
Fittings

Midguards
Chokeguard
Toolbox etc.

Midguards
Chokeguard
Oil Tank etc.

Handbrake
Petrol Tank
Dual Seat etc.

Midguards
Chokeguard
Oil Tank etc.

Petrol Tank
Handbrake
Rear Brake

Midguards
Oil Tank and
Rear Chokeguard

Handbrake
Petrol Tank
Midguards etc.

Midguards
Chokeguard
Handrail etc.

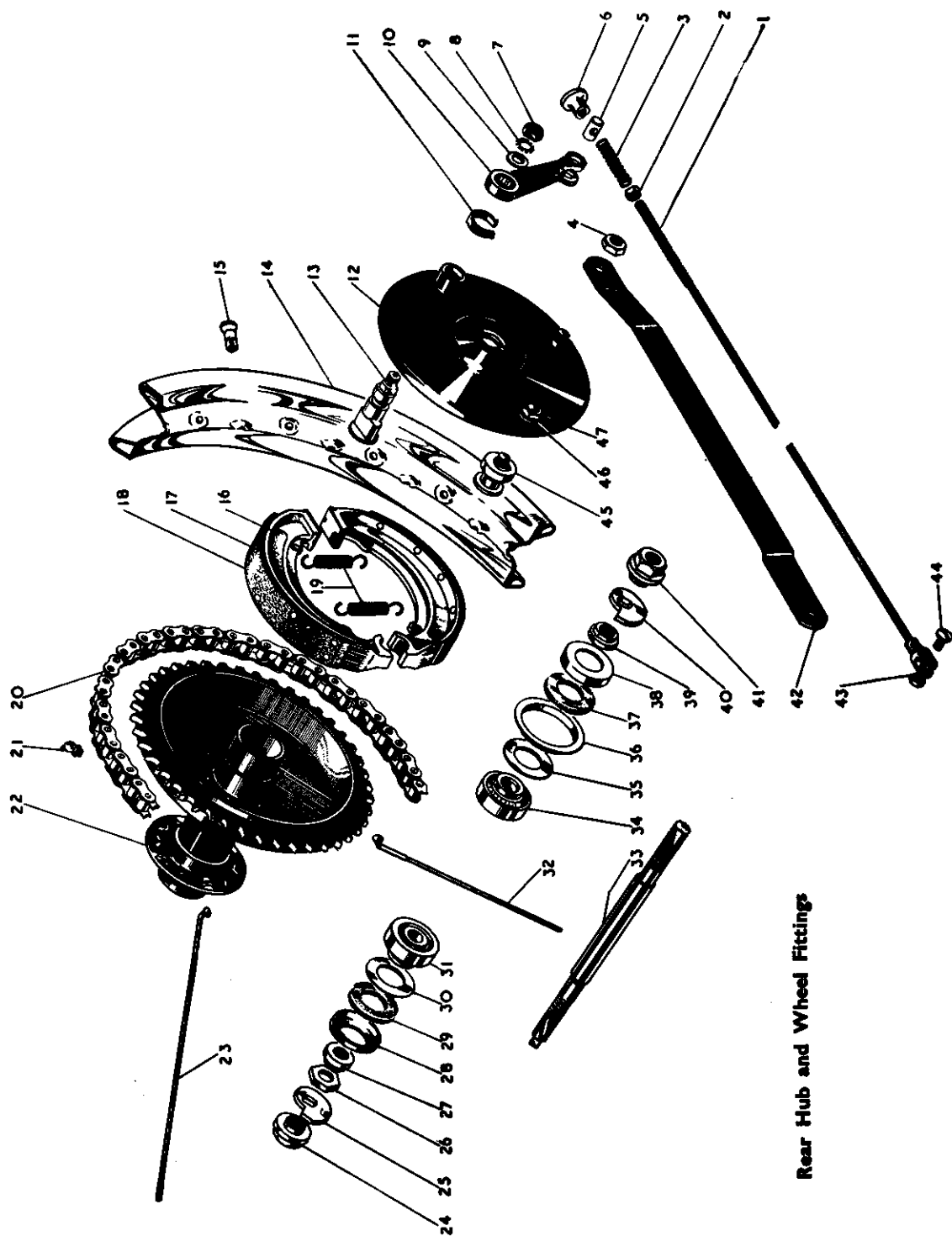
Engine Room
Candle
Handrail

Lampglass

THERE'S OVER 90 YEARS' REPUTATION
FOR QUALITY BEHIND
THE B.S.A. TRADEMARKS, WHICH ARE
YOUR SAFEGUARD

REAR HUB and WHEEL FITTINGS

B31 B33 Rigid Frame



Rear Hub and Wheel Fittings

Plate 19

REAR HUB and WHEEL FITTINGS

B31 B33 Rigid Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
...	B31 B33	...	65-6285 ... Rear wheel complete (less brake and tyre)	1
1	B31 B33	...	29-7365 ... Rear brake rod with toggle end	1
2	B31 B33	...	2-2395 ... Rear brake rod nut	1
3	B31 B33	...	15-1312 ... Rear brake rod spring	1
4	B31 B33	...	2-46 ... Rear brake anchor strap nut	3
5	B31 B33	...	65-6274 ... Rear brake rod swivel pin	1
6	B31 B33	...	29-7368 ... Rear brake adjuster ferrule	1
7	B31 B33	...	2-440 ... Rear brake operating lever nut	1
8	B31 B33	...	66-4708 ... Rear brake operating lever washer	1
9	B31 B33	...	15-431 ... Rear brake operating lever washer	1
10	B31 B33	...	65-6279 ... Rear brake operating lever	1
11	B31 B33	...	65-5674 ... Rear brake cam bearing oil hole clip	1
12	B31 B33	...	65-6276 ... Rear brake cover plate	1
13	B31 B33	...	65-5905 ... Rear brake shoe cam	1
14	B31 B33	...	65-6263 ... Rear wheel rim	1
15	B31 B33	...	27-6810 ... Spoke nipple	40
16	B31 B33	...	65-5901 ... Brake shoe with lining	2
17	B31 B33	...	35-6436 ... Brake shoe rivet	14
18	B31 B33	...	65-5903 ... Brake shoe lining	2
19	B31 B33	...	65-5904 ... Brake shoe spring	2
20	B31 B33	...	65-9191 ... Transmission chain	1
21	B31 B33	...	15-5290 ... Rear hub grease nipple	1
22	B31 B33	...	65-6289 ... Hub shell with bearings	1
23	B31 B33	...	24-7012 ... Wheel spoke (long)	20
24	B31 B33	...	65-6136 ... Hub spindle nut	1
25	B31 B33	...	27-6738 ... Rear hub adjusting plate	1
26	B31 B33	...	27-6716 ... Rear hub spindle locknut	1
27	B31 B33	...	65-5670 ... Rear hub adjusting sleeve	1
28	B31 B33	...	29-5710 ... Rear hub bearing retaining cup	1
29	B31 B33	...	24-7047 ... Rear hub washer (felt)	1
30	B31 B33	...	29-5715 ... Rear hub bearing retaining washer	1
31	B31 B33	...	24-7058 ... Rear hub bearing	1
32	B31 B33	...	65-6027 ... Wheel spoke (short)	20
33	B31 B33	...	65-6161 ... Rear hub spindle	1
34	B31 B33	...	24-7058 ... Rear hub bearing	1
35	B31 B33	...	29-5715 ... Rear hub bearing retaining washer	1
36	B31 B33	...	29-5905 ... Hub grease flinger washer	1
37	B31 B33	...	24-7047 ... Rear hub washer (felt)	1
38	B31 B33	...	29-5710 ... Rear hub bearing retaining cup	1
39	B31 B33	...	65-5670 ... Rear hub adjusting sleeve	1
40	B31 B33	...	27-6738 ... Rear hub adjusting plate	1
41	B31 B33	...	65-6136 ... Rear hub spindle nut	1
42	B31 B33	...	65-7062 ... Rear brake anchor strap	1
43	B31 B33	...	2-443 ... Rear brake rod toggle end nut	1
44	B31 B33	...	2-510 ... Rear brake rod toggle end screw	1
45	B31 B33	...	65-5899 ... Rear brake shoe fulcrum pin	1
46	B31 B33	...	24-8045 ... Fulcrum pin washer	1
47	B31 B33	...	24-5860 ... Brake shoe fulcrum pin locknut	1

Rear Hub
and Wheel
FittingsMudguards
Chalmers
Toolbox etc.Mudguards
Chalmers
Oil Tank etc.Handbrake
Petrol Tank
Dual Seat etc.Mudguards
Chalmers
Oil Tank etc.Petrol Tank
Handbrake
Rear BrakeMudguards
Oil Tank and
Rear ChalmersHandbrake
Petrol Tank
Mudguards etc.Mudguards
Chalmers
Handbrake etc.Rear Brake
Gear
Handbrake

Logbook

Plate 20

REAR HUB and WHEEL FITTINGS

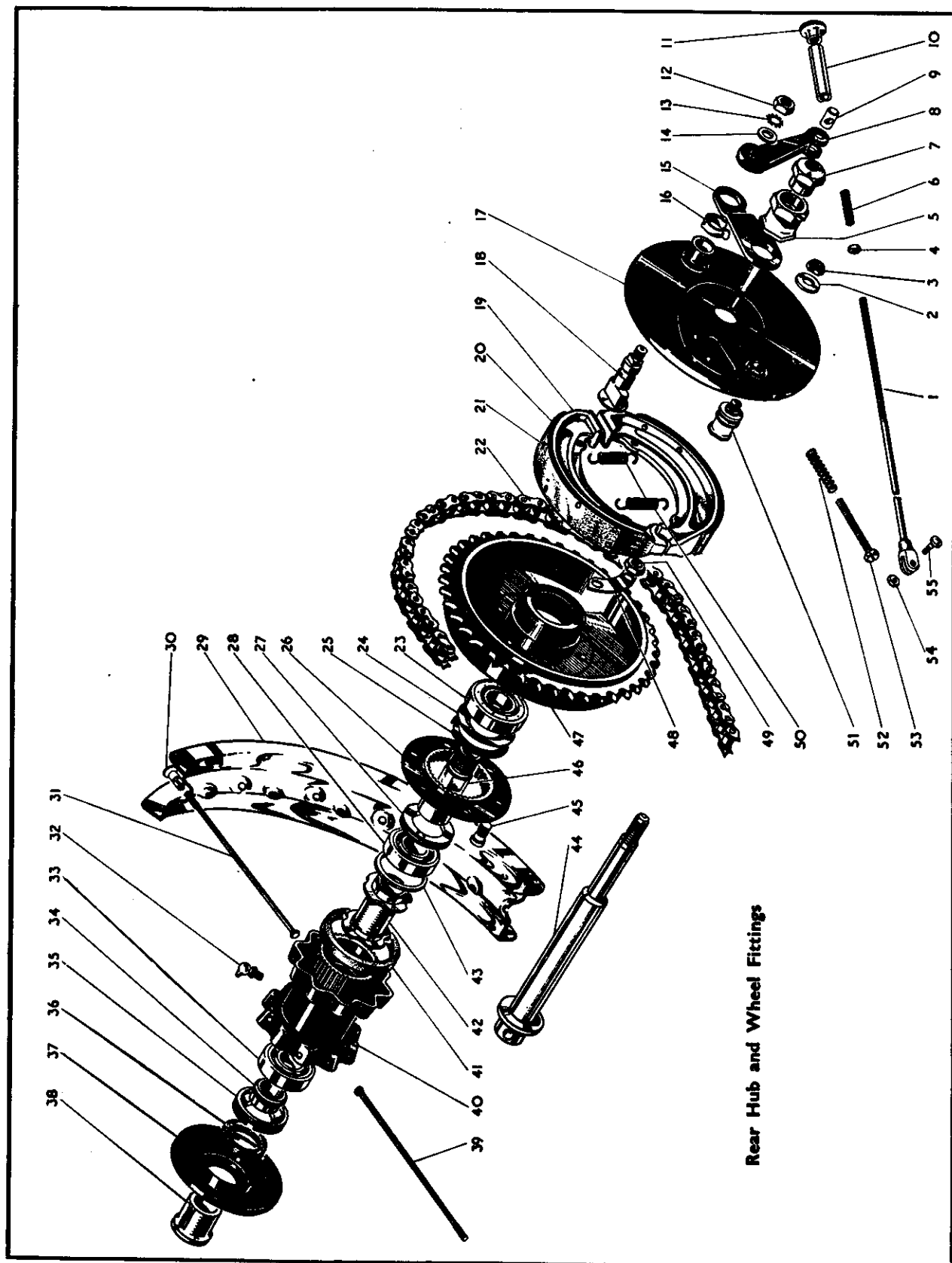
B31 B33 Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B31 B33	65-6300	Rear wheel complete (less brake and tyre)	1
2	B31 B33	65-7071	Rear brake rod with toggle end	1
3	B31 B33	24-8045	Rear brake shoe fulcrum pin washer	1
4	B31 B33	24-5860	Rear brake shoe fulcrum pin locknut	1
5	B31 B33	2-2395	Rear brake rod spring nut	1
6	B31 B33	67-6074	Rear hub bearing sleeve nut	1
7	B31 B33	15-1312	Rear brake rod spring	1
8	B31 B33	67-6073	Rear hub spindle nut complete	1
9	B31 B33	65-6279	Rear brake operating lever	1
10	B31 B33	65-6274	Rear brake screw swivel pin	1
11	B31 B33	67-7031	Adjusting nut extension tube	1
12	B31 B33	29-7368	Rear brake adjuster ferrule	1
13	B31 B33	2-440	Rear brake operating lever nut	1
14	B31 B33	66-4708	Rear brake operating lever washer (shakeproof)	1
15	B31 B33	15-431	Rear brake operating lever washer (plain)	1
16	B31 B33	67-6081	Rear brake anchor strap	1
17	B31 B33	65-5674	Rear brake cam bearing oil clip	1
18	B31 B33	67-6180	Rear wheel cover plate complete	1
19	B31 B33	65-5905	Rear brake shoe cam complete	1
20	B31 B33	65-5901	Rear brake shoe complete	2
21	B31 B33	65-5903	Rear brake shoe lining	2
22	B31 B33	35-6436	Rear brake shoe lining rivet	14
23	B31 B33	15-817	Rear transmission chain	1
24	B31 B33	89-3022	Brake drum and chainwheel ball bearing	1
25	B31 B33	67-6072	Ball bearing shim	1
26	B31 B33	67-6067	Ball bearing retaining ring	1
27	B31 B33	67-6101	Driving flange	1
28	B31 B33	67-6076	Rear hub bearing locking	1
29	B31 B33	65-5883	Rear hub bearing	1
30	B31 B33	67-6005	Rear wheel rim	1
31	B31 B33	27-6813	Rear wheel spoke nipple	40
32	B31 B33	65-6303	Rear wheel spoke (short)	20
33	B31 B33	15-5290	Rear hub grease nipple	1
34	B31 B33	65-5883	Rear hub bearing	1
35	B31 B33	67-6077	Hub collar (right-hand)	1
36	B31 B33	67-6076	Rear hub bearing locking	1
37	B31 B33	67-6075	Rear hub felt washer	1
38	B31 B33	67-6128	Hub shell cover assembled	1
39	B31 B33	67-6066	Hub distance piece	1
40	B31 B33	65-6302	Rear wheel spoke (long)	20
41	B31 B33	67-6128	Rear hub shell complete with bearings	1
42	B31 B33	67-6051	Rear hub shell washer (rubber)	1
43	B31 B33	67-6061	Bearing distance tube and retainers	1
44	B31 B33	65-5884	Rear hub bearing thrust washer	1
45	B31 B33	67-6164	Rear hub spindle	1
46	B31 B33	67-6038	Brake drum securing bolt	6
47	B31 B33	67-6060	Rear hub bearing sleeve	1
48	B31 B33	65-6294	Rear brake drum and chainwheel	1
49	B31 B33	67-6039	Brake drum securing bolt locking strip	3
50	B31 B33	3-720	Brake drum securing bolt nut	6
51	B31 B33	65-5904	Rear shoe spring	2
52	B31 B33	65-5899	Rear brake shoe fulcrum pin	1
53	B31 B33	15-1312	Rear wheel adjusting spring	2
54	B31 B33	66-4603	Rear wheel adjusting screw	2
55	B31 B33	2-443	Rear brake rod fork screw nut	1
56	B31 B33	2-510	Rear brake rod fork screw	1

Plate 20

REAR HUB and WHEEL FITTINGS

B31 B33 Spring Frame



Rear Hub and Wheel Fittings

Mudguards
Chainguard
Toolbox etc.

Mudguards
Chainguard
Oil Tank etc.

Handbrake
Petrol Tank
Dual Seat etc.

Mudguards
Chainguard
Oil Tank etc.

Petrol Tank
Handbrake
Rear Brake

Mudguards
Oil Tank and
Rear Chainguard

Handbrake
Petrol Tank
Mudguards etc.

Mudguards
Chainguard
Handbrake etc.

Rear Seat
Candle
Handbrake

Legbrake

Plate 21

REAR HUB and WHEEL FITTINGS

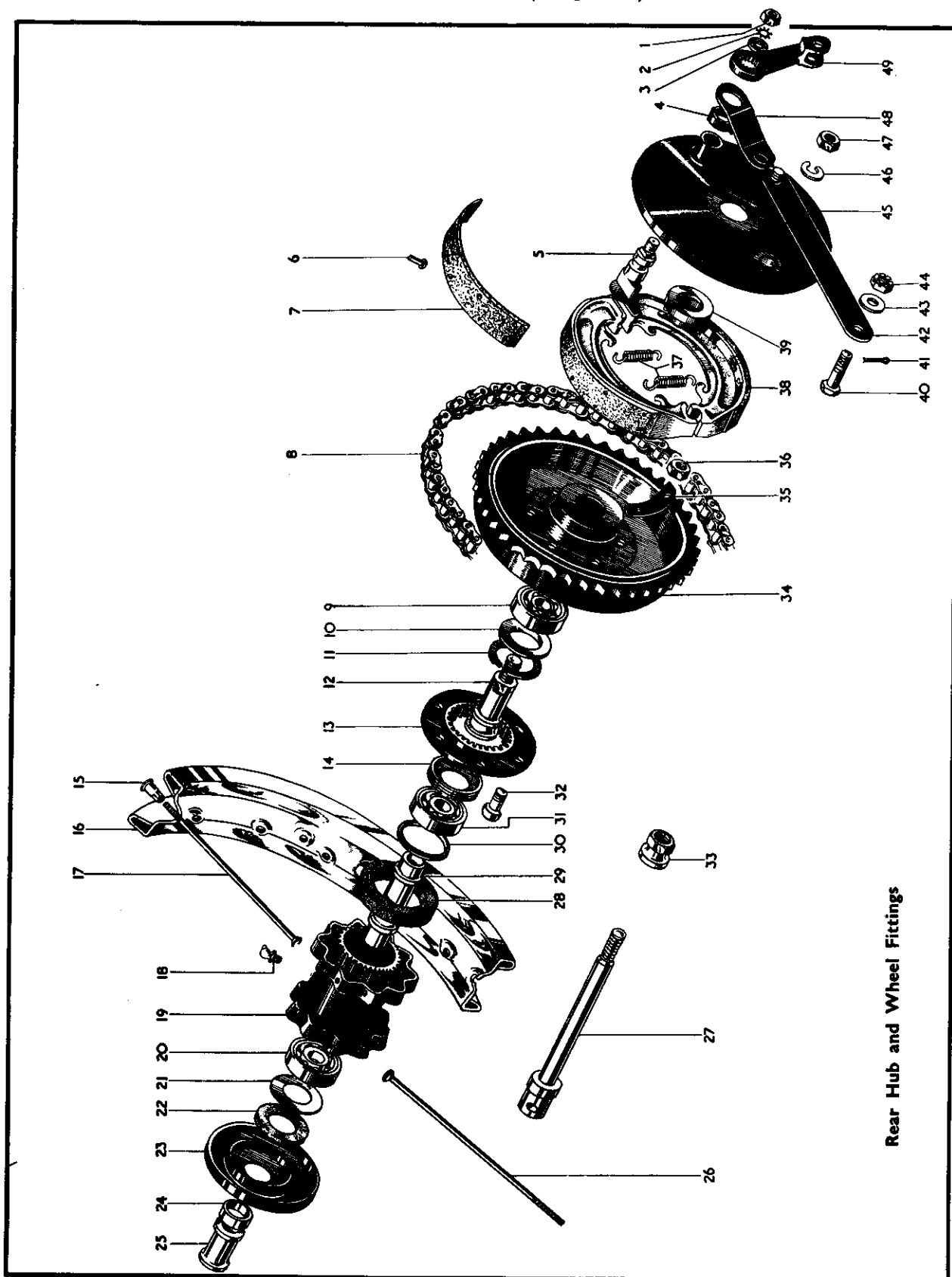
B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No	Description.	Number per set.
...	B32 B34	... 42-6001	... Rear wheel complete (less brake and tyre) (WM3-19)	... 1
1	B32 B34	... 2-440	... Rear brake operating lever nut	... 1
2	B32 B34	... 66-4708	... Rear brake operating lever washer (shakeproof)	... 1
3	B32 B34	... 15-431	... Rear brake operating lever washer (plain)	... 1
4	B32 B34	... 65-5674	... Cam bearing oil hole clip	... 1
5	B32 B34	... 65-5905	... Rear brake cam	... 1
6	B32 B34	... 35-6436	... Brake shoe lining rivet	... 14
7	B32 B34	... 65-5903	... Brake shoe lining	... 2
8	B32 B34	... 15-8967	... Transmission chain (rear)	... 1
9	B32 B34	... 65-5883	... Rear hub ball bearing	... 1
10	B32 B34	... 67-6033	... Hub ball journal shim	... 1
11	B32 B34	... 67-6034	... Retaining spring ring	... 1
12	B32 B34	... 67-6030	... Rear brake drum bearing sleeve	... 1
13	B32 B34	... 67-6101	... Driving flange	... 1
14	B32 B34	... 65-5885	... Hub ballrace retaining ring	... 1
15	B32 B34	... 27-6810	... Spoke nipple	... 40
16	B32 B34	... 42-6002	... Rear wheel rim (WM3-19)	... 1
17	B32 B34	... 67-6017	... Rear wheel spoke (nearside)	... 20
18	B32 B34	... 15-5290	... Rear hub grease nipple	... 1
19	B32 B34	... 67-6136	... Rear hub shell complete with bearings	... 1
20	B32 B34	... 65-5883	... Rear hub ball bearing	... 1
21	B32 B34	... 65-5887	... Felt washer retaining ring	... 1
22	B32 B34	... 65-5886	... Rear hub washer (felt)	... 1
23	B32 B34	... 67-6133	... End cover	... 1
24	B32 B34	... 65-5890	... Hub spindle distance collar	... 1
25	B32 B34	... 67-6028	... Hub spindle distance sleeve	... 1
26	B32 B34	... 67-6016	... Rear wheel spoke (offside)	... 20
27	B32 B34	... 67-6161	... Rear hub spindle	... 1
28	B32 B34	... 67-6051	... Hub shell washer (rubber)	... 1
29	B32 B34	... 67-6027	... Hub spindle sleeve	... 1
30	B32 B34	... 65-5884	... Hub bearing thrust washer	... 1
31	B32 B34	... 65-5883	... Rear hub ball bearing	... 1
32	B32 B34	... 67-6038	... Brake drum securing bolt	... 6
33	B32 B34	... 67-6031	... Rear hub spindle nut	... 1
34	B32 B34	... 42-6024	... Rear brake drum and chainwheel (42T)	... 1
35	B32 B34	... 67-6039	... Brake drum bolt locking strip	... 3
36	B32 B34	... 3-720	... Rear wheel securing bolt nut	... 6
37	B32 B34	... 65-5904	... Rear brake spring	... 2
38	B32 B34	... 65-5901	... Rear brake shoe complete	... 2
39	B32 B34	... 67-6032	... Rear hub collar	... 1
40	B32 B34	... 42-7020	... Rear brake anchor strap bolt	... 1
41	B32 B34	... 35-705	... Anchor strap bolt split pin	... 1
42	B32 B34	... 42-7019	... Rear brake anchor strap	... 1
43	B32 B34	... 2-2138	... Anchor strap bolt washer (plain)	... 1
44	B32 B34	... 21-5304	... Anchor strap bolt nut	... 1
45	B32 B34	... 42-6051	... Rear brake cover plate	... 1
46	B32 B34	... 2-522	... Rear brake anchor strap washer (spring)	... 1
47	B32 B34	... 2-46	... Rear brake anchor strap nut	... 1
48	B32 B34	... 67-6046	... Rear brake outrigger strap	... 1
49	B32 B34	... 65-6279	... Rear brake operating lever	... 1

Plate 21

REAR HUB and WHEEL FITTINGS

B32 B34 Rigid Frame (Competition)



Rear Hub and Wheel Fittings

Mudguards
Chainguard
Toolbox etc.

Mudguards
Chainguard
Oil Tank etc.

Handbrake
Petrol Tank
Dual Seat etc.

Mudguards
Chainguard
Oil Tank etc.

Petrol Tank
Handbrake
Rear Brake

Mudguards
Oil Tank and
Rear Chainguard

Handbrake
Petrol Tank
Mudguards etc.

Mudguards
Chainguard
Handbrake etc.

Rear Brake
Cable
Handbrake

Legshield

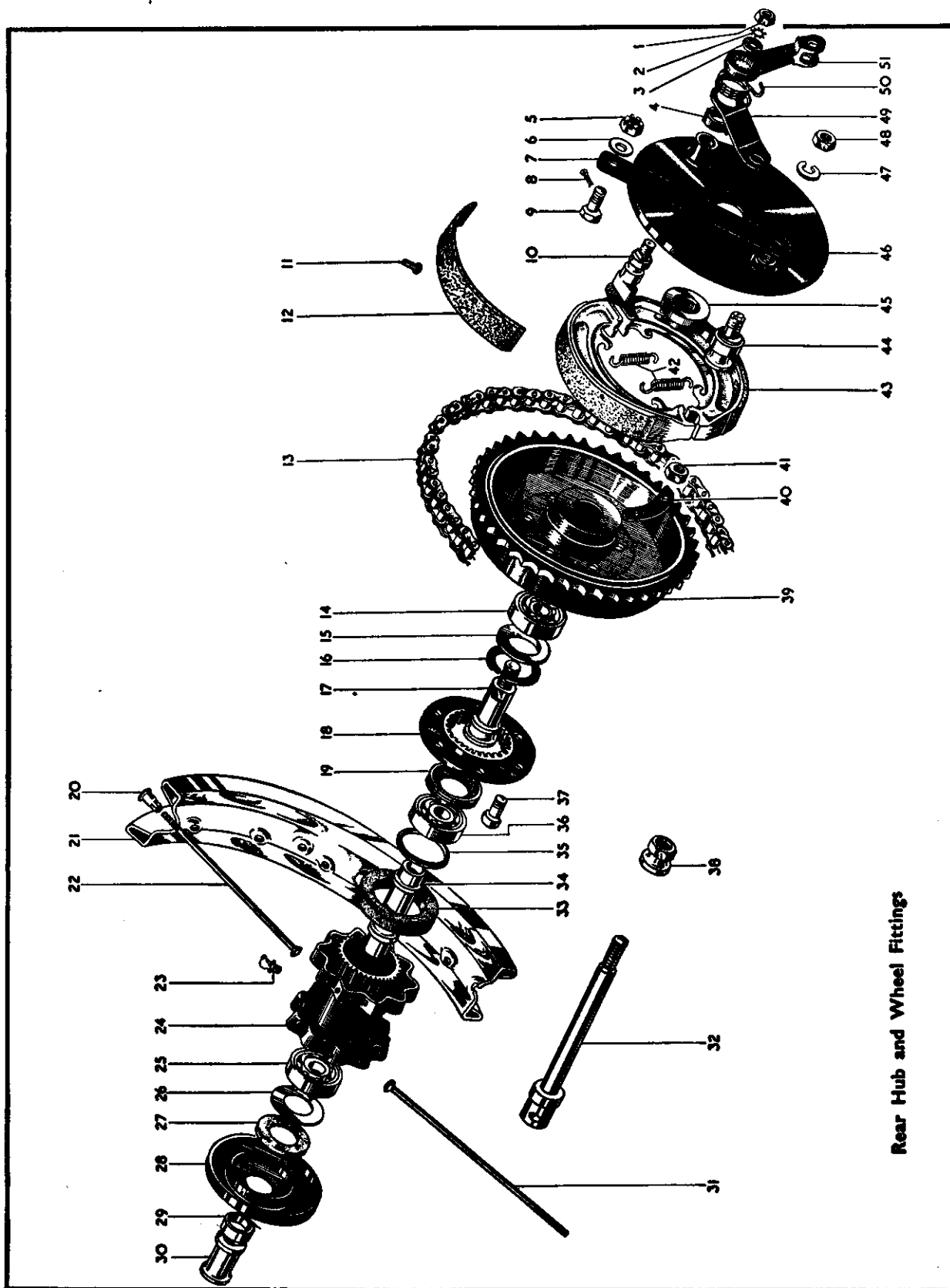
Petrol Tank
Handbrake

REAR HUB and WHEEL FITTINGS

B Group Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31 B33	67-6011	Rear wheel complete (less brake and tyre) (WM2—19)	1
—	B32 B34	42-6001	Rear wheel complete (less brake and tyre) (1954)	1
1	B Group	2-440	Rear brake operating lever nut	1
2	B Group	66-4708	Rear brake operating lever washer (shakeproof)	1
3	B Group	15-431	Rear brake operating lever washer (plain)	1
4	B Group	65-5674	Cam bearing oil hole clip	1
5	B Group	21-431	Anchor strap bolt nut	1
6	B Group	2-130	Anchor strap bolt washer (plain)	1
7	B Group	42-6036	Rear brake anchor strap	1
8	B Group	35-698	Anchor strap bolt split pin	1
9	B Group	42-6037	Rear brake anchor strap bolt	1
10	B Group	42-6034	Rear brake cam	1
11	B Group	35-6436	Brake shoe lining rivet	14
12	B Group	65-5903	Brake shoe lining	2
13	B Group	66-9162	Transmission chain (rear)	1
14	B Group	65-5883	Rear hub ball bearing	1
15	B Group	67-6033	Hub ball journal shim	1
16	B Group	67-6034	Retaining spring ring	1
17	B Group	67-6030	Rear brake drum bearing sleeve	1
18	B Group	67-6101	Driving flange	1
19	B Group	65-5885	Hub ballrace retaining ring	1
20	B Group	27-6810	Spoke nipples	40
21	B31 B33	67-6005	Rear wheel rim (WM2—19)	1
21	B32 B34	42-6002	Rear wheel rim (1954)	1
22	B Group	67-6017	Rear wheel spokes (nearside)	20
23	B Group	15-5290	Rear hub grease nipple	1
24	B Group	67-6136	Rear hub shell complete with bearings	1
25	B Group	65-5883	Rear hub ball bearing	1
26	B Group	65-5887	Felt washer retaining ring	1
27	B Group	65-5886	Rear hub washer (felt)	1
28	B Group	67-6133	End cover	1
29	B Group	65-5890	Hub spindle distance collar	1
30	B Group	67-6028	Hub spindle distance sleeve	1
31	B Group	67-6016	Rear wheel spokes (offside)	20
32	B Group	67-6161	Rear hub spindle	1
33	B Group	67-6051	Hub shell washer (rubber)	1
34	B Group	67-6027	Hub spindle sleeve	1
35	B Group	65-5884	Hub bearing thrust washer	1
36	B Group	65-5883	Rear hub ball bearing	1
37	B Group	67-6038	Brake drum securing bolt	6
38	B Group	67-6031	Rear hub spindle nut	1
39	B Group	42-6024	Rear brake drum and chainwheel (42T)	1
40	B Group	67-6039	Brake drum bolt locking strip	3
41	B Group	3-720	Rear wheel securing bolt	6
42	B Group	65-5904	Rear brake spring	2
43	B Group	65-5901	Rear brake shoe complete	2
44	B Group	42-6033	Rear brake fulcrum pin	1
45	B Group	67-6032	Rear hub collar	1
46	B Group	42-6030	Rear brake cover plate complete with fixed fittings	1
47	B Group	65-5111	Rear brake fulcrum pin washer (spring)	1
48	B Group	24-7000	Rear brake fulcrum pin nut	1
49	B Group	67-6046	Rear brake outrigger strap	1
50	B Group	42-6046	Brake pedal return spring	1
51	B Group	42-6045	Rear brake operating lever	1

REAR HUB and WHEEL FITTINGS B Group Swinging Arm Frame



Rear Hub and Wheel Fittings

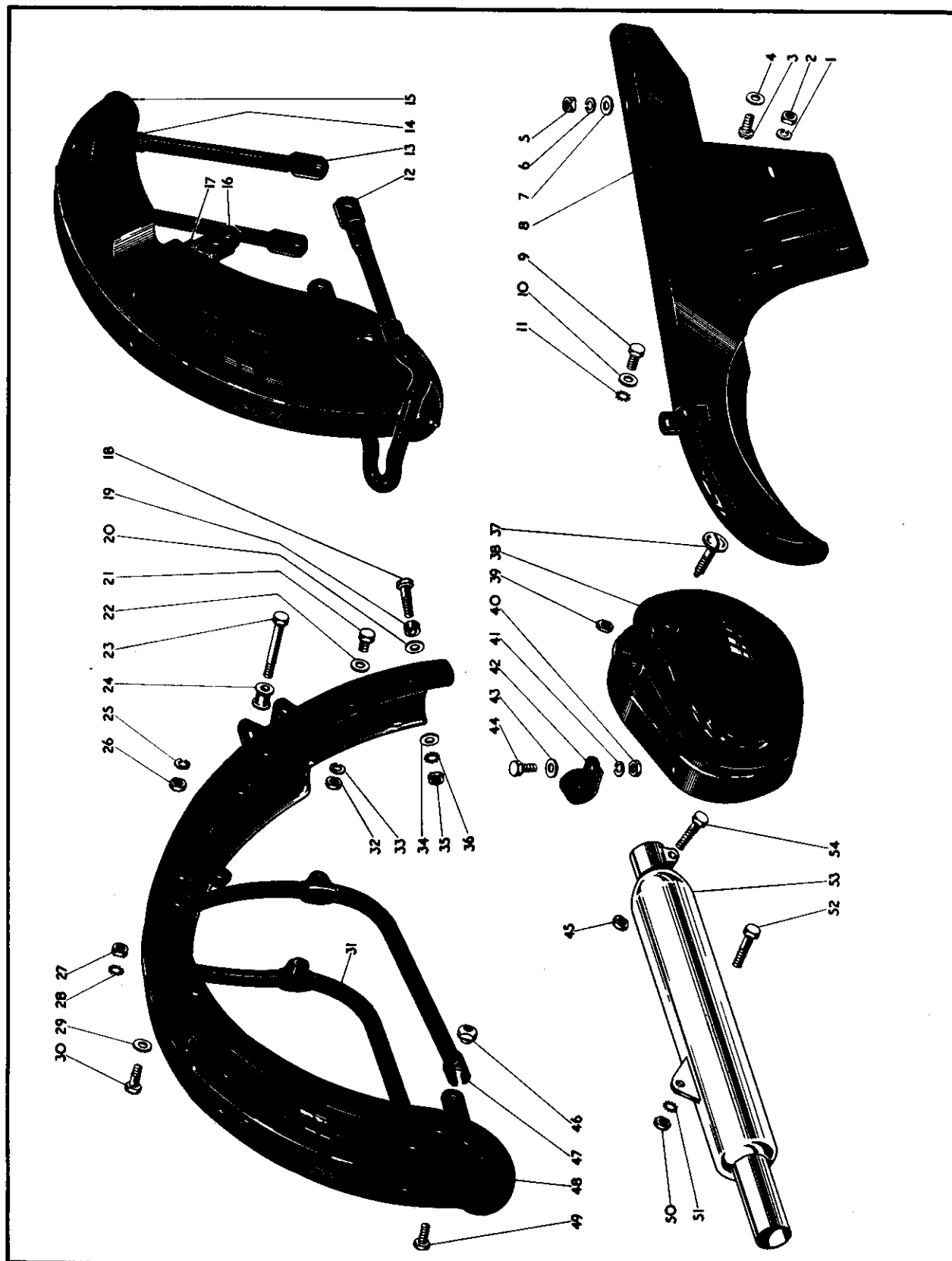
Plate 23 MUDGUARDS, CHAINGUARD, TOOLBOX and SILENCER

B31 B33 Spring Frame
B33 Rigid Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	... B31 B33 (spring) ...	2-1462	Rear chainguard bottom fixing bolt washer (spring)	1
2	... B31 B33 (spring) ...	2-2395	Rear chainguard bottom fixing bolt nut	1
3	... B31 B33 (spring) ...	15-7161	Rear chainguard bottom fixing bolt	1
4	... B31 B33 (spring) ...	27-8560	Rear chainguard bottom fixing bolt washer (plain)	1
5	... B31 B33 (spring) ...	2-2395	Rear chainguard chaincase fixing nut	1
6	... B31 B33 (spring) ...	2-1462	Rear chainguard chaincase fixing nut washer (spring)	1
7	... B31 B33 (spring) ...	2-525	Rear chainguard chaincase fixing nut washer (plain)	1
8	... B31 B33 (spring) ...	65-7720	Rear chainguard complete	1
9	... B31 B33 (spring) ...	1-5069	Rear chainguard rear fixing bolt	1
10	... B31 B33 (spring) ...	2-923	Rear chainguard rear fixing bolt washer (plain)	1
11	... B31 B33 (spring) ...	36-382	Rear chainguard rear fixing bolt washer (shakeproof)	1
12	... B33 (rigid and spring) ...	67-6530	Front stand complete	1
13	... B33 (rigid and spring) ...	67-6544	Front mudguard stay	1
14	... B33 (rigid and spring) ...	67-6547	Front mudguard stay insulator (rubber)	2
15	... B33 (rigid and spring) ...	67-6543	Front mudguard complete with fixed fittings	1
16	... B33 (rigid and spring) ...	65-6606	Front mudguard support bridge	1
17	... B33 (rigid and spring) ...	67-6546	Front mudguard support bridge insulator (rubber)	2
18	... B31 B33 (spring) ...	65-110	Rear mudguard bottom fixing bolt	1
19	... B31 B33 (spring) ...	66-8348	Rear mudguard bottom fixing bolt distance tube	1
20	... B31 B33 (spring) ...	36-5344	Rear mudguard bottom fixing bolt washer (plain)	1
21	... B31 B33 (spring) ...	2-204	Toolbox and mudguard fixing bolt	2
22	... B31 B33 (spring) ...	27-8560	Toolbox and mudguard fixing bolt washer (plain)	2
23	... B31 B33 (spring) ...	67-4030	Rear mudguard seatstay fixing bolt	2
24	... B31 B33 (spring) ...	67-6761	Rear mudguard seatstay fixing bolt spacing washer	2
25	... B31 B33 (spring) ...	2-522	Rear mudguard seatstay fixing bolt washer (spring)	2
26	... B31 B33 (spring) ...	2-449	Rear mudguard seatstay fixing bolt nut	2
27	... B31 B33 (spring) ...	2-49	Rear mudguard stay bolt nut	2
28	... B31 B33 (spring) ...	36-382	Rear mudguard stay bolt washer (shakeproof)	2
29	... B31 B33 (spring) ...	2-923	Rear mudguard stay bolt washer (plain)	2
30	... B31 B33 (spring) ...	24-6770	Rear mudguard stay bolt	2
31	... B31 B33 (spring) ...	67-6774	Rear mudguard stay complete (nearside)	1
32	... B31 B33 (spring) ...	2-2395	Mudguard and toolbox fixing bolt nut	2
33	... B31 B33 (spring) ...	2-1462	Mudguard and toolbox fixing bolt washer (spring)	2
34	... B31 B33 (spring) ...	36-5344	Rear mudguard bottom fixing bolt washer (plain)	1
35	... B31 B33 (spring) ...	2-49	Rear mudguard bottom fixing bolt nut	1
36	... B31 B33 (spring) ...	36-382	Rear mudguard bottom fixing bolt washer (shakeproof)	1
37	... B31 B33 (spring) ...	29-9132	Toolbox lid fixing screw complete	1
38	... B31 B33 (spring) ...	67-9002	Toolbox complete	1
39	... B31 B33 (spring) ...	2-1027	Toolbox lid fixing screw nut	1
40	... B31 B33 (spring) ...	2-2395	Toolbox fixing clip bolt nut	1
41	... B31 B33 (spring) ...	2-1462	Toolbox fixing clip bolt washer (spring)	1
42	... B31 B33 (spring) ...	24-8928	Toolbox fixing clip	1
43	... B31 B33 (spring) ...	27-8560	Toolbox fixing clip bolt washer (plain)	1
44	... B31 B33 (spring) ...	2-204	Toolbox fixing clip bolt	1
45	... B31 B33 (spring) ...	2-2395	Silencer inlet tube clip bolt nut	1
46	... B31 B33 (spring) ...	15-447	Rear mudguard stay bottom bolt nut	2
47	... B31 B33 (spring) ...	67-6772	Rear mudguard stay complete (offside)	1
48	... B31 B33 (spring) ...	65-6740	Rear mudguard complete with fixed fittings	1
49	... B31 B33 (spring) ...	2-1354	Rear mudguard stay bottom bolt	2
50	... B31 B33 (spring) ...	2-49	Silencer fixing bolt nut	1
51	... B31 B33 (spring) ...	36-382	Silencer fixing bolt washer (shakeproof)	1
52	... B31 B33 (spring) ...	3-1399	Silencer fixing bolt	1
53	... B31 B33 (spring) ...	65-2780	Silencer complete	1
54	... B31 B33 (spring) ...	24-7343	Silencer inlet tube clip bolt	1

Plate 23 MUDGUARDS, CHAINGUARD, TOOLBOX and SILENCER

B33 Spring Frame
B33 Rigid Frame



Mudguards
Chainguard
Toolbox etc.

Mudguards
Chainguard
Oil Tank etc.

Handbrake
Petrol Tank
Dual Seat etc.

Mudguards
Chainguard
Oil Tank etc.

Petrol Tank
Handbrake
Rear Brake

Mudguards
Oil Tank and
Rear Chainguard

Handbrake
Petrol Tank
Mudguards

Mudguards
Chainguard
Handbrake etc.

Bumper Bar
Center
Handbrake

Legshield

Toolbox

Handbrake

Ne...

Plate 24

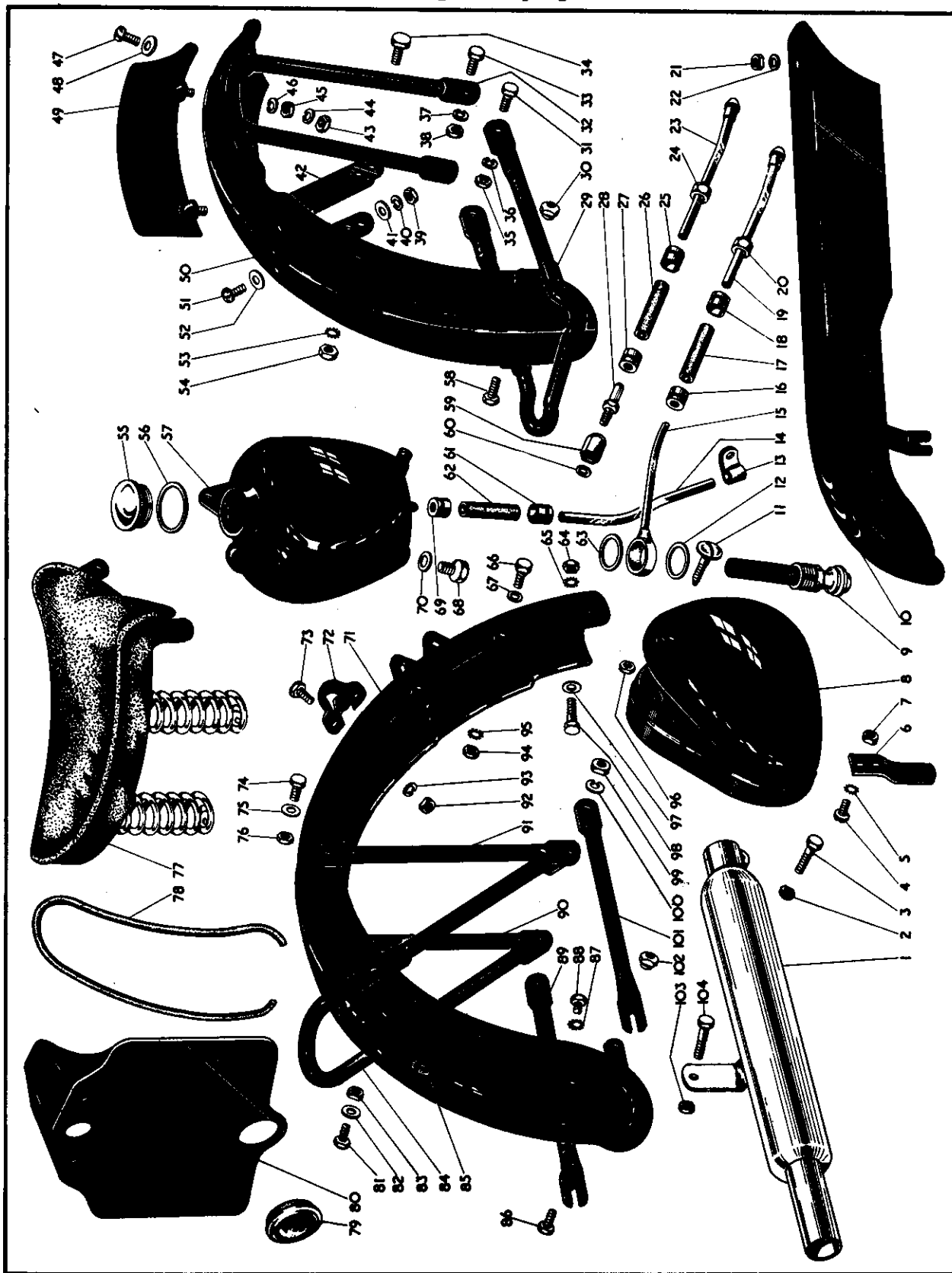
**MUDGUARDS, CHAINGUARD, OIL TANK,
TOOLBOX and SILENCER**

B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B31 B33 (rigid)	65-2754	Silencer complete	1
2	B31 B33 (rigid)	2-2395	Silencer inlet tube clip bolt nut	1
3	B31 B33 (rigid)	24-7343	Silencer inlet tube clip bolt	1
4	B31 B33 (rigid)	15-7161	Toolbox strap bolt	2
5	B31 B33 (rigid)	29-541	Toolbox strap bolt washer (shakeproof)	2
6	B31 B33 (rigid)	65-9085	Toolbox fixing bracket	1
7	B31 B33 (rigid)	2-2395	Toolbox strap bolt nut	2
8	B31 B33 (rigid)	65-9080	Toolbox complete	1
9	B31 B33 (rigid and spring)	29-7962	Oil tank filter complete	1
10	B31 B33 (rigid)	65-7715	Rear chainguard complete	1
11	B31 B33 (rigid)	29-9132	Toolbox lid fixing screw complete	1
12	B31 B33 (rigid and spring)	29-7971	Oil feed pipe banjo union washer (fibre)	1
13	B31 B33 (rigid and spring)	66-8340	Oil tank breather pipe extension clip	1
14	B31 B33 (rigid and spring)	65-8499	Oil tank breather pipe extension	1
15	B31 B33 (rigid and spring)	65-8461	Oil feed pipe complete (tank)	1
16	B31 B33 (rigid and spring)	65-8422	Oil feed pipe connection ferrule	1
17	B31 B33 (rigid and spring)	65-2060	Oil feed pipe connection (rubber)	1
18	B31 B33 (rigid and spring)	65-8422	Oil feed pipe connection ferrule	1
19	B31 B33 (rigid and spring)	65-8465	Oil feed pipe complete (engine)	1
20	B31 B33 (rigid and spring)	66-8332	Oil feed pipe nipple nut	1
21	B31 B33 (rigid)	2-525	Rear chainguard fixing nut washer	1
22	B31 B33 (rigid)	2-2395	Rear chainguard fixing nut	1
23	B31 B33 (rigid and spring)	65-8465	Oil return pipe complete (engine)	1
24	B31 B33 (rigid and spring)	66-8332	Oil return pipe nipple nut	1
25	B31 B33 (rigid and spring)	65-8422	Oil return pipe connection ferrule	1
26	B31 B33 (rigid and spring)	65-2060	Oil return pipe connection (rubber)	1
27	B31 B33 (rigid and spring)	65-8422	Oil return pipe connection ferrule	1
28	B31 B33 (rigid and spring)	65-8420	Oil return pipe connection	1
29	B31 (rigid and spring)	65-6608	Front stand complete	1
30	B31 B33 (rigid and spring)	15-447	Front stand mudguard fixing bolt nut	2
31	B31 B33 (rigid and spring)	2-1934	Front stand fork end fixing bolt	2
32	B31 (rigid and spring)	65-6607	Front mudguard stay	1
33	B31 B33 (rigid and spring)	15-7354	Front mudguard stay fork end fixing bolt	2
34	B31 (rigid and spring)	28-2338	Front mudguard support bridge bottom fixing bolt	4
34	B33 (rigid and spring)	28-2338	Front mudguard support bridge bottom fixing bolt	2
35	B31 B33 (rigid and spring)	2-1616	Front stand fork end fixing bolt nut	2
36	B31 B33 (rigid and spring)	24-8784	Front stand fork end fixing bolt washer (spring)	2
37	B31 B33 (rigid and spring)	24-8784	Front mudguard stay fork end fixing bolt washer (spring)	2
38	B31 B33 (rigid and spring)	2-1616	Front mudguard stay fork end fixing bolt nut	2
39	B31 B33 (rigid and spring)	2-2395	Front mudguard support bridge fixing screw nut	2
40	B31 B33 (rigid and spring)	2-1462	Front mudguard support bridge fixing screw washer (spring)	2
41	B31 B33 (rigid and spring)	66-7518	Front mudguard support bridge fixing screw washer (fibre)	2
42	B31 (rigid and spring)	65-6606	Front mudguard support bridge	1

Plate 24

MUDGUARDS, CHAINGUARD, OIL TANK,
TOOLBOX and SILENCER
B31 B33 Rigid and Spring Frame



Mudguards
Chainguard
Oil Tank etc.

Handlebar
Petrol Tank
Dual Seat etc.

Mudguards
Chainguard
Oil Tank etc.

Petrol Tank
Handlebar
Rear Brake

Mudguards
Oil Tank and
Rear Chainguard

Handlebar
Petrol Tank
Mudguards

Mudguards
Chainguard
Handlebar etc.

Bumper Bar
Center
Handlebar

Logbook

Tools
Spare

24—continued.

MUDGUARDS, CHAINGUARD, OIL TANK, TOOLBOX and SILENCER

B31 B33 Rigid and Spring Frame

Ref. Number.	Models.	Part No.	Description.	Number per set.
43	B31 B33 (rigid and spring)	2-2395	Front mudguard stay fixing screw nut	2
44	B31 B33 (rigid and spring)	2-1462	Front mudguard stay fixing screw washer (spring)	2
45	B31 B33 (rigid and spring)	2-2395	Front number plate fixing stud nut	2
46	B31 B33 (rigid and spring)	2-1462	Front number plate fixing stud washer (spring)	2
47	B31 B33 (rigid and spring)	15-7161	Front mudguard stay fixing screw	2
48	B31 B33 (rigid and spring)	27-8560	Front mudguard stay fixing screw washer (plain)	2
49	B31 B33 (rigid and spring)	65-6576	Front number plate complete	1
50	B31 (rigid and spring)	65-6605	Front mudguard complete with fixed fittings	1
51	B31 B33 (rigid and spring)	15-7161	Front mudguard support bridge fixing screw	2
52	B31 B33 (rigid and spring)	27-8560	Front mudguard support bridge fixing screw washer (plain)	2
53	B31 B33 (rigid and spring)	36-382	Front mudguard support bridge bottom fixing bolt washer (shakeproof)	4
54	B31 B33 (rigid and spring)	2-49	Front mudguard support bridge bottom fixing bolt nut	4
55	B31 B33 (rigid and spring)	65-8500	Oil tank filler cap	1
56	B31 B33 (rigid and spring)	67-42	Oil tank filler cap washer (fibre)	1
57	B31 B33 (rigid and spring)	65-8479	Oil tank with fixed fittings	1
58	B31 B33 (rigid and spring)	2-1354	Front stand mudguard fixing bolt	2
59	B31 B33 (rigid and spring)	65-8424	Oil return pipe connection nut	1
60	B31 B33 (rigid and spring)	65-8421	Oil return pipe connection nut washer (fibre)	1
61	B31 B33 (rigid and spring)	65-8422	Oil tank breather pipe extension ferrule	1
62	B31 B33 (rigid and spring)	65-2060	Oil tank breather pipe extension connection (rubber)	1
63	B31 B33 (rigid and spring)	29-7971	Oil feed pipe banjo union washer (fibre)	1
64	B31 B33 (rigid)	2-49	Rear mudguard chainstay bridge bolt nut	1
65	B31 B33 (rigid)	36-382	Rear mudguard chainstay bridge bolt washer (shakeproof)	1
66	B31 B33 (rigid)	2-2273	Toolbox and mudguard fixing bolt	2
67	B31 B33 (rigid)	2-525	Toolbox and mudguard fixing bolt washer (plain)	2
68	B31 B33 (rigid and spring)	2-84	Oil tank drain plug	1
69	B31 B33 (rigid and spring)	65-8422	Oil tank breather pipe extension ferrule	1
70	B31 B33 (rigid and spring)	2-100	Oil tank drain plug washer (fibre)	1
71	B31 B33 (rigid)	65-6742	Rear mudguard complete with fixed fittings	1
72	B31 B33 (rigid)	65-6770	Rear mudguard backstay bridge bracket complete	1
73	B31 B33 (rigid)	2-204	Rear mudguard backstay bridge bracket bolt	2
74	B31 B33 (rigid)	2-1354	Rear mudguard vertical stay fixing bolt	2
75	B31 B33 (rigid)	2-1374	Rear mudguard vertical stay fixing bolt washer (plain)	2
76	B31 B33 (rigid)	2-2395	Rear mudguard vertical stay fixing bolt nut	2
77	B31 B33 (rigid)	65-9100	Saddle	1
77	B31 B33 (spring)	66-9202	Saddle	1
78	B31 B33 (rigid and spring)	67-6851	Rear number plate rubber extrusion	1
79	B31 B33 (rigid and spring)	67-9067	Rear reflector (1954)	1
79	B31 B33 (rigid and spring)	67-9069	Rear reflector (1955)	1
—	B31 B33 (rigid and spring)	21-5102	Rear reflector nut (1955)	1
—	B31 B33 (rigid and spring)	29-541	Rear reflector washer (1955)	1

Plate 24—continued.

MUDGUARDS, CHAINGUARD, OIL TANK, TOOLBOX and SILENCER

B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
80 ...	B31 B33 (rigid and spring)	67-6830 ...	Rear number plate complete (with small hole for reflector) ...	1
81 ...	B31 B33 (rigid)	2-1354 ...	Lifting handle and rear mudguard stay fixing bolt ...	2
82 ...	B31 B33 (rigid)	2-1374 ...	Lifting handle and rear mudguard stay fixing bolt washer (plain) ...	2
83 ...	B31 B33 (rigid)	2-2395 ...	Lifting handle and rear mudguard stay fixing bolt nut ...	2
84 ...	B31 B33 (rigid)	65-6839 ...	Lifting handle and rear mudguard stay ...	1
85 ...	B31 B33 (rigid and spring)	67-6839 ...	Tail lamp wiring grommet ...	2
86 ...	B31 B33 (rigid and spring)	2-204 ...	Rear mudguard bottom stay bolt ...	2
87 ...	B31 B33 (rigid and spring)	29-541 ...	Rear number plate fixing bolt washer (shakeproof) ...	4
88 ...	B31 B33 (rigid and spring)	2-220 ...	Rear number plate fixing bolt ...	4
89 ...	B31 B33 (rigid)	65-6842 ...	Rear mudguard bottom stay (nearside) ...	1
90 ...	B31 B33 (rigid)	65-6839 ...	Rear mudguard vertical stay (nearside) ...	1
91 ...	B31 B33 (rigid)	65-6837 ...	Rear mudguard vertical stay (offside) ...	1
92 ...	B31 B33 (rigid)	2-2395 ...	Rear mudguard backstay bridge bracket bolt nut ...	2
93 ...	B31 B33 (rigid)	2-1462 ...	Rear mudguard backstay bridge bracket bolt washer (spring) ...	2
94 ...	B31 B33 (rigid)	2-2395 ...	Toolbox and mudguard fixing bolt nut ...	2
95 ...	B31 B33 (rigid)	29-541 ...	Toolbox and mudguard fixing bolt washer (shakeproof) ...	2
96 ...	B31 B33 (rigid)	2-1027 ...	Toolbox lid fixing screw nut ...	1
97 ...	B31 B33 (rigid)	2-2899 ...	Rear mudguard chainstay bridge bolt washer (plain) ...	1
98 ...	B31 B33 (rigid)	27-6312 ...	Rear mudguard chainstay bridge bolt ...	1
99 ...	B31 B33 (rigid)	2-449 ...	Rear mudguard stay fixing stud nut ...	2
100 ...	B31 B33 (rigid)	2-2903 ...	Rear mudguard stay fixing stud washer (spring) ...	2
101 ...	B31 B33 (rigid)	65-6840 ...	Rear mudguard bottom stay (offside) ...	1
102 ...	B31 B33 (rigid)	15-447 ...	Rear mudguard bottom stay bolt nut ...	2
103 ...	B31 B33 (rigid)	2-449 ...	Silencer fixing bolt nut ...	1
104 ...	B31 B33 (rigid)	3-1399 ...	Silencer fixing bolt ...	1

Handlch
Patrol Tank
Dual Seat etc

Mudguards
Chainguard
Oil Tank etc

Patrol Tank
Handlch
Rear Brake

Mudguards
Oil Tank and
Rear Chainguard

Handlch
Patrol Tank
Mudguards

Mudguards
Chainguard
Handlch etc

Bumper B
Center
Handlch

Logbook

Tool
Box

Plate 25

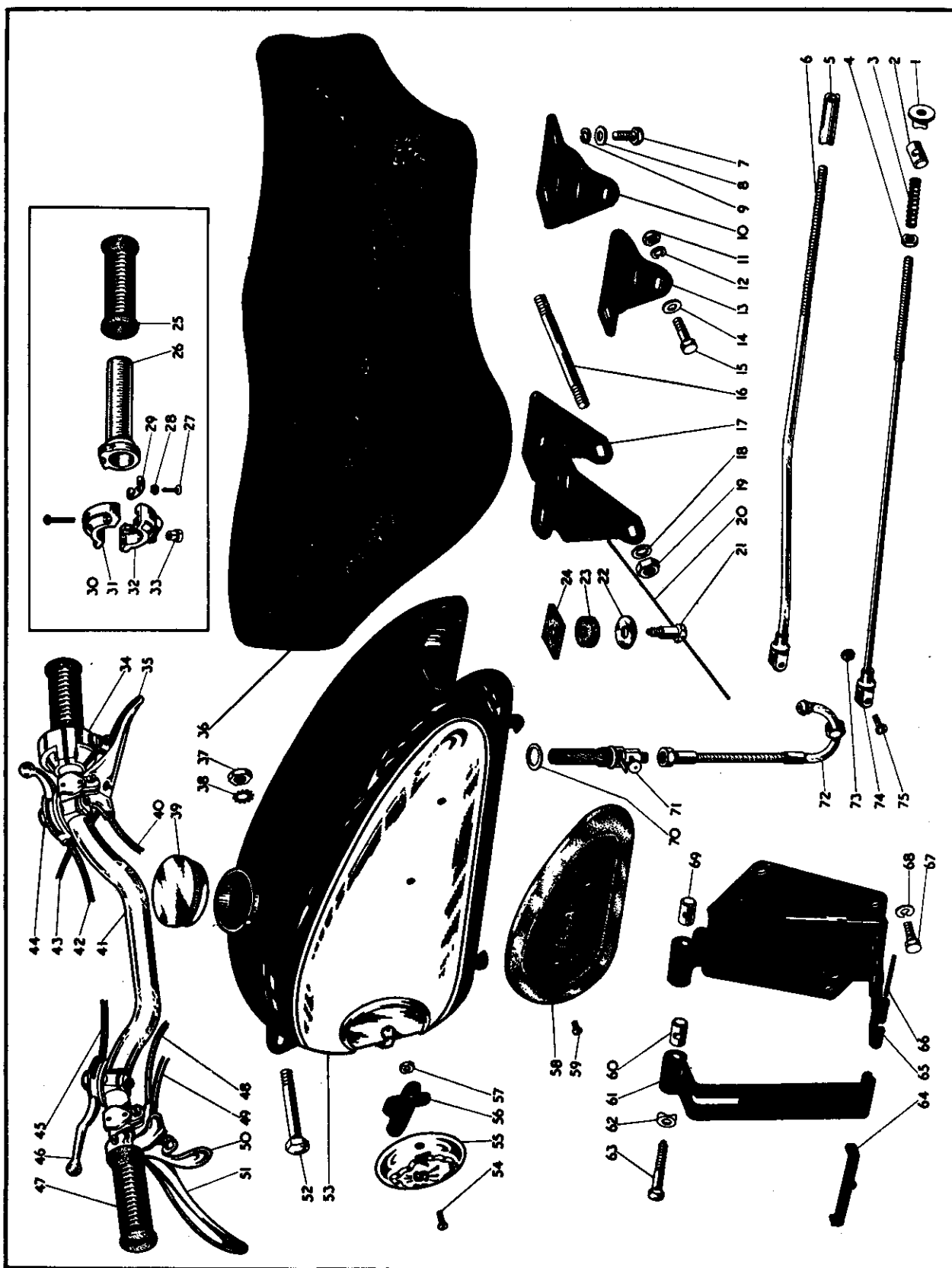
HANDLEBAR, PETROL TANK, DUAL SEAT,
BATTERY CARRIER and BRAKE RODS

B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B31 B33 (rigid and spring)	29-7368	Rear brake rod adjuster ferrule	1
2	B31 B33 (rigid and spring)	65-6274	Rear brake lever swivel pin	1
3	B31 B33 (rigid and spring)	15-1312	Rear brake rod spring	1
4	B31 B33 (rigid and spring)	2-2395	Rear brake rod spring nut	1
5	B31 B33 (spring)	67-7031	Rear brake rod extension tube	1
6	B31 B33 (spring)	65-7071	Rear brake rod complete	1
7	B31 B33 (rigid and spring)	2-129	Dual seat fixing bolt	7
8	B31 B33 (rigid and spring)	2-923	Dual seat fixing bolt washer (plain)	7
9	B31 B33 (rigid and spring)	35-33	Dual seat fixing bolt washer (spring)	7
10	B31 B33 (rigid)	67-9094	Dual seat rear support bracket (offside)	1
11	B31 B33 (spring)	67-9093	Dual seat rear support bracket (offside)	1
12	B31 B33 (rigid and spring)	2-49	Dual seat to mudguard fixing bolt nut	2
13	B31 B33 (rigid and spring)	35-33	Dual seat to mudguard fixing bolt washer (spring)	2
14	B31 B33 (rigid)	67-9093	Dual seat rear support bracket (nearside)	1
15	B31 B33 (spring)	67-9094	Dual seat rear support bracket (nearside)	1
16	B31 B33 (rigid and spring)	2-923	Dual seat to mudguard fixing bolt washer (plain)	2
17	B31 B33 (rigid and spring)	27-6037	Dual seat to mudguard fixing bolt	2
18	B31 B33 (rigid and spring)	67-9095	Backstay and seat lug stud	1
19	B31 B33 (rigid and spring)	65-9236	Dual seat front support bracket	1
20	B31 B33 (rigid and spring)	15-431	Backstay and seat lug stud washer (plain)	2
21	B31 B33 (rigid and spring)	2-1925	Backstay and seat lug stud nut	2
22	B31 B33 (rigid and spring)	65-8038	Petrol tank rear support bolt wire	1
23	B31 B33 (rigid and spring)	66-8089	Petrol tank rear support bolt	2
24	B31 B33 (rigid and spring)	30-660	Petrol tank rear support bolt washer	2
25	B31 B33 (rigid and spring)	36-4140	Petrol tank rear support bolt rubber	2
26	B31 B33 (rigid and spring)	65-8032	Petrol tank rear support bolt rubber (top)	2
27	B31 B33 (rigid and spring)	65-8503	Twist grip rubber grip	1
28	B31 B33 (rigid and spring)	65-8504	Twist grip rotor and rotor sleeve complete	1
29	B31 B33 (rigid and spring)	24-9570	Friction spring screw	1
30	B31 B33 (rigid and spring)	24-9571	Friction spring screw locknut	1
31	B31 B33 (rigid and spring)	24-9569	Friction spring	1
32	B31 B33 (rigid and spring)	24-9573	Twist grip body screw	2
33	B31 B33 (rigid and spring)	65-8505	Twist grip body (top half)	1
34	B31 B33 (rigid and spring)	65-8506	Twist grip body (bottom half)	1
35	B31 B33 (rigid and spring)	24-9572	Twist grip cable stop	1
36	B31 B33 (rigid and spring)	65-8501	Throttle twist grip complete (less cable and cover)	1
37	B31 B33 (rigid and spring)	29-8810	Front brake control (less cable and cover)	1

HANDLEBAR, PETROL TANK, DUAL SEAT, BATTERY CARRIER and BRAKE RODS

B31 B33 Rigid and Spring Frame



Handlebar
Petrol Tank
Dual Seat etc.

Mudguards
Chainguard
Oil Tank etc.

Petrol Tank
Handlebar
Rear Brake

Mudguards
Oil Tank and
Rear Chainguard

Handlebar
Petrol Tank
Mudguards

Mudguards
Chainguard
Handlebar etc.

Bumper
Chainguard
Handlebar

Legshield

Foot
Pedal

HANDLEBAR, PETROL TANK, DUAL SEAT, BATTERY CARRIER and BRAKE RODS

B31 B33 Rigid and Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
36	B31 B33 (rigid and spring)	65-9254	Dual seat complete	1
37	B31 B33 (rigid and spring)	2-449	Petrol tank front fixing bolt nut	1
38	B31 B33 (rigid and spring)	66-4707	Petrol tank front fixing bolt washer (shakeproof)	1
39	B31 B33 (rigid and spring)	29-7898	Petrol tank filler cap	1
40	B31 B33 (rigid and spring)	65-8675	Front brake cable and cover complete	1
41	B31 B33 (rigid and spring)	65-4960	Handlebar complete (less controls)	1
42	B31 B33 (rigid and spring)	65-8836	Air control cable and cover complete	1
43	B31 B33 (rigid and spring)	65-8832	Throttle cable and cover complete	1
44	B31 B33 (rigid and spring)	66-8896	Air control complete (less cable and cover)	1
45	B31 B33 (rigid and spring)	65-8714	Ignition control cable and cover complete	1
46	B31 B33 (rigid and spring)	66-8810	Ignition control complete (less cable and cover)	1
47	B31 B33 (rigid and spring)	65-8502	Dummy grip (left-hand bar)	1
48	B31 B33 (rigid and spring)	65-8680	Clutch control cable and cover complete	1
49	B31 B33 (rigid and spring)	65-8795	Exhaust lifter control cable and cover complete	1
50	B31 B33 (rigid and spring)	66-8513	Exhaust lifter control complete (less cable and cover)	1
51	B31 B33 (rigid and spring)	29-8820	Clutch control complete (less cable and cover)	1
52	B31 B33 (rigid and spring)	65-8326	Petrol tank front fixing bolt	1
53	B31 B33 (rigid and spring)	65-8222	Petrol tank	1
54	B31 B33 (rigid and spring)	65-8317	Petrol tank badge clip screw	4
55	B31 B33 (rigid and spring)	65-8220	Petrol tank badge	2
56	B31 B33 (rigid and spring)	42-8020	Petrol tank badge clip	2
57	B31 B33 (rigid and spring)	42-8034	Petrol tank badge clip screw nut	4
58	B31 B33 (rigid and spring)	65-8206	Knee-grip rubber (left-hand)	1
58	B31 B33 (rigid and spring)	65-8205	Knee-grip rubber (right-hand)	1
59	B31 B33 (rigid and spring)	2-79	Knee-grip fixing screw	4
—	B31 B33 (rigid and spring)	65-4667	Battery carrier complete	1
60	B31 B33 (rigid and spring)	65-2352	Battery carrier swivel block (plain)	1
61	B31 B33 (rigid and spring)	29-4657	Battery carrier strap	1
62	B31 B33 (rigid and spring)	29-4662	Battery carrier strap bolt saddle washer	1
63	B31 B33 (rigid and spring)	29-4661	Battery carrier strap bolt	1
64	B31 B33 (rigid and spring)	29-4665	Battery locating strip complete	1
65	B31 B33 (rigid and spring)	65-4668	Battery carrier bracket complete	1
66	B31 B33 (rigid and spring)	29-4664	Battery carrier hinge pin	1
67	B31 B33 (rigid and spring)	2-1934	Battery carrier fixing bolt	5

**Plate 25—continued. HANDLEBAR, PETROL TANK,
DUAL SEAT, BATTERY CARRIER and BRAKE RODS
B31 B33 Rigid and Spring Frame**

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
68 ...	B31 B33	24-8784	Battery carrier fixing bolt washer (spring)	5
69 ...	B31 B33	65-2353	Battery carrier swivel block (tapped)	1
70 ...	B31 B33	24-8504	Petrol tap washer (fibre) (.078")	as reqd.
70 ...	B31 B33 (spring)	65-8218	Petrol tap washer ($\frac{1}{16}$ ") (1955)	as reqd.
70 ...	B31 B33 (spring)	65-8219	Petrol tap washer ($\frac{1}{16}$ ") (1955)	as reqd.
71 ...	B31 B33	65-8216	Petrol tap	1
72 ...	B31 B33	65-8153	Flexible petrol pipe complete	1
73 ...	B31 B33	2-443	Rear brake rod toggle end screw nut	1
74 ...	B31 B33 (rigid)	29-7365	Rear brake rod complete	1
75 ...	B31 B33	2-510	Rear brake rod toggle end screw	1

**B.S.A. SPARES ARE MADE WITH THE SAME
ACCURACY AS THE ORIGINAL PARTS IN
YOUR B.S.A. MOTOR CYCLE.**

IT PAYS TO HAVE GENUINE B.S.A. SPARES

Mudguards
Chainguard
Oil Tank etc.

Petrol Tank
Handlebar
Rear Brake

Mudguards
Oil Tank and
Rear Chainguard

Handlebar
Petrol Tank
Mudguards

Mudguards
Chainguard
Handlebar etc.

Dumper
Carrier
Handlebar

Legshield

Foot
Pedal

Plate 26

MUDGUARDS, CHAINGUARD, OIL TANK, SILENCER and TOOLBOX

B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B32 B34	42-7707	Rear chainguard complete	1
2	B32 B34	24-7178	Rear mudguard chainguard screw	2
3	B32 B34	27-8560	Rear mudguard chainguard screw washer (plain)	2
4	B32 B34	2-2395	Rear mudguard chainguard screw nut	2
5	B32 B34	29-541	Rear mudguard chainguard screw washer (shakeproof)	2
6	B32 B34	24-8784	Rear chainguard bolt washer (spring)	1
7	B32 B34	2-2899	Rear chainguard bolt washer (plain)	1
8	B32 B34	15-7354	Rear chainguard bolt	1
9	B32 B34	65-8465	Oil return pipe complete (engine)	1
10	B32 B34	66-8332	Oil return pipe nipple nut	1
11	B32 B34	65-8422	Oil return pipe connection ferrule	1
12	B32 B34	65-2060	Oil return pipe connection (rubber)	1
13	B32 B34	65-8422	Oil return pipe connection ferrule	1
14	B32 B34	65-8420	Oil return pipe connection	1
15	B32 B34	65-8424	Oil return pipe connection nut	1
16	B32 B34	65-8421	Oil return pipe connection nut washer (fibre)	1
17	B32 B34	2-2395	Front mudguard bottom stay fixing screw nut	2
18	B32 B34	2-1462	Front mudguard bottom stay fixing screw washer (spring)	2
19	B32 B34	65-6612	Front mudguard bottom stay	1
20	B32 B34	2-1616	Front mudguard stay fork end fixing bolt nut	4
21	B32 B34	24-8784	Front mudguard stay fork end fixing bolt washer (spring)	4
22	B32 B34	65-6612	Front mudguard top stay	1
23	B32 B34	2-923	Front mudguard stay fork end fixing bolt washer (plain)	4
24	B32 B34	15-7354	Front mudguard stay fork end fixing bolt	4
25	B32 B34	2-1462	Front mudguard centre stay fixing screw washer (spring)	2
26	B32 B34	2-2395	Front mudguard centre stay fixing screw nut	2
27	B32 B34	2-49	Front mudguard centre stay bolt nut	4
28	B32 B34	36-382	Front mudguard centre stay bolt washer (shakeproof)	4
29	B32 B34	15-480	Front mudguard centre stay bolt (offside)	2
30	B32 B34	42-6505	Front mudguard centre stay	1
31	B32 B34	2-1462	Front mudguard top stay fixing screw washer (spring)	2
32	B32 B34	2-2395	Front mudguard top stay fixing screw nut	2
33	B32 B34	15-7161	Front mudguard top stay fixing screw	2
34	B32 B34	27-8560	Front mudguard top stay fixing screw washer (plain)	2
35	B32 B34	42-6517	Front mudguard complete with fixed fittings	1
36	B32 B34	27-8560	Front mudguard centre stay fixing screw washer (plain)	2
37	B32 B34	15-7161	Front mudguard centre stay fixing screw	2
38	B32 B34	65-8500	Oil tank filler cap	1
39	B32 B34	67-42	Oil tank filler cap washer (fibre)	1
40	B32 B34	42-8356	Oil tank complete with fixed fittings	1
41	B32 B34	3-1156	Front mudguard centre stay bolt (nearside)	2
42	B32 B34	27-8560	Front mudguard bottom stay fixing screw washer (plain)	2
43	B32 B34	15-7161	Front mudguard bottom stay fixing screw	2
44	B32 B34	2-204	Rear mudguard bracket bolt	2
45	B32 B34	2-1462	Rear mudguard bracket bolt washer (spring)	2
46	B32 B34	42-8362	Oil tank fixing stud	4
47	B32 B34	2-2899	Oil tank fixing stud washer (plain)	4
48	B32 B34	42-8331	Oil tank fixing stud spacing tube	4
49	B32 B34	42-8341	Oil tank mounting pad (rubber)	4
50	B32 B34	42-8341	Oil tank mounting pad (rubber)	4
51	B32 B34	2-2899	Oil tank fixing stud washer (plain)	4
52	B32 B34	2-49	Oil tank fixing stud nut	4
53	B32 B34	2-1354	Rear mudguard clip bolt	2
54	B32 B34	2-625	Rear mudguard clip bolt washer	2
55	B32 B34	2-2276	Rear mudguard clip	1
56	B32 B34	42-6783	Rear mudguard support plate	1
57	B32 B34	27-8560	Rear mudguard stay fixing screw washer (plain)	4
58	B32 B34	15-7161	Rear mudguard stay fixing screw	4
59	B32 B34	65-6819	Rear number plate complete	1
60	B32 B34	15-7161	Rear number plate top fixing screw	2
61	B32 B34	27-8560	Rear number plate top fixing screw washer (plain)	2
62	B32 B34	2-1462	Rear mudguard stay fixing screw washer (spring)	4
63	B32 B34	2-2395	Rear mudguard stay fixing screw nut	4
64	B32 B34	27-8560	Rear number plate top fixing screw washer (plain)	2
65	B32 B34	2-1462	Rear number plate top fixing screw washer (spring)	2
66	B32 B34	2-2395	Rear number plate top fixing screw nut	2
66A	B32 B34	21-5102	Rear reflector nut	1
67	B32 B34	29-541	Rear reflector washer	1
67A	B32 B34	67-9089	Rear reflector	1

Plate 26

MUDGUARDS, CHAINGUARD, OIL TANK, SILENCER and TOOLBOX B32 B34 Rigid Frame (Competition)

Mudguards Chainguard Oil Tank
Silencer and Toolbox

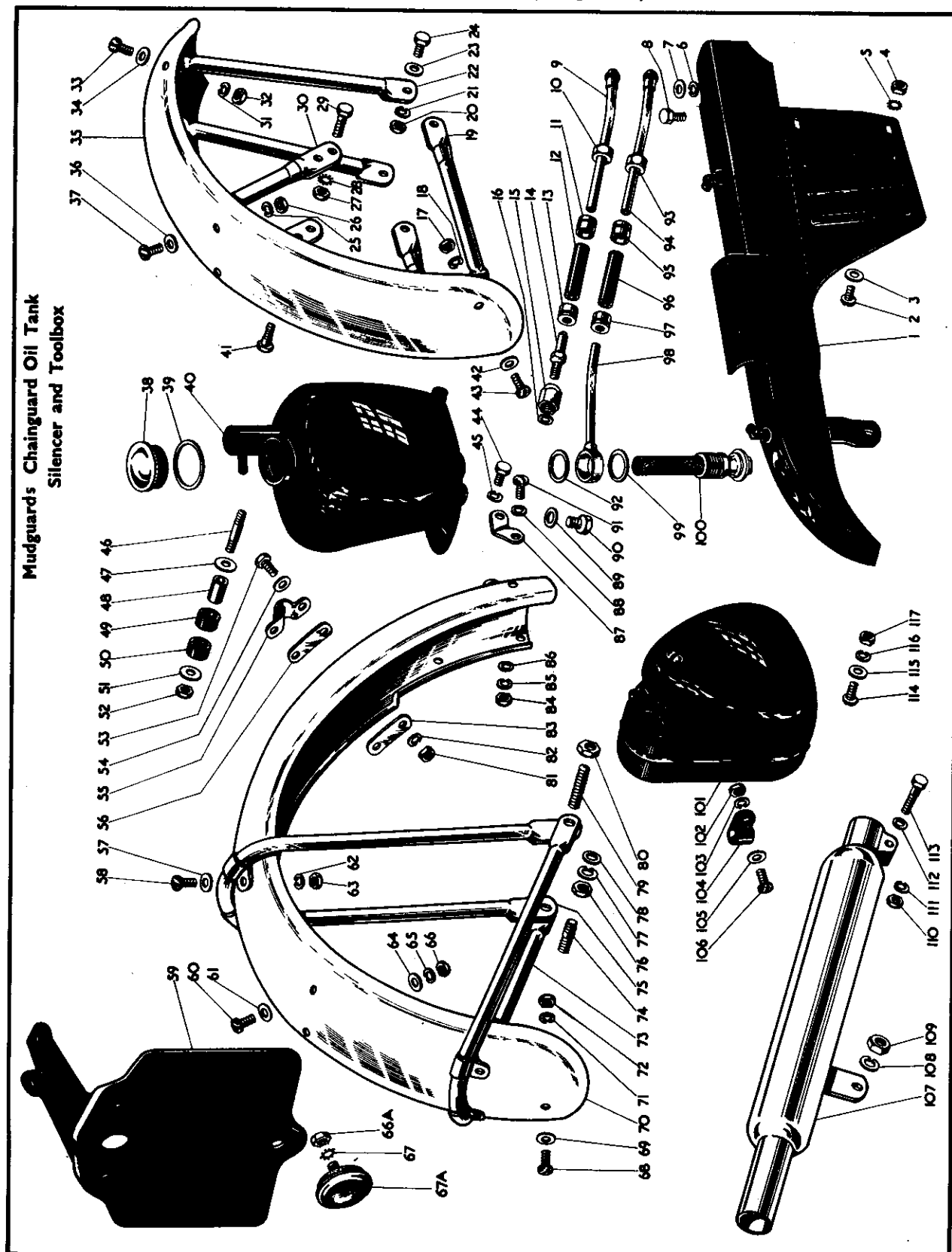


Plate 26—continued.

MUDGUARDS, CHAINGUARD,
OIL TANK, SILENCER and TOOLBOX

B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
67A	B32 B34	67-9087	Rear reflector (1954)	1
68	B32 B34	15-7161	Rear number plate bottom fixing screw	1
69	B32 B34	27-8560	Rear number plate bottom fixing screw washer (plain)	1
70	B32 B34	42-6806	Rear mudguard complete with fixed fittings	1
71	B32 B34	2-1462	Rear number plate bottom fixing screw washer (spring)	1
72	B32 B34	2-2395	Rear number plate bottom fixing screw nut	1
73	B32 B34	42-6809	Rear mudguard bottom stay complete	1
74	B32 B34	65-4618	Rear mudguard stay stud (nearside)	1
75	B32 B34	42-6807	Rear mudguard top stay complete	1
76	B32 B34	2-46	Rear mudguard stay stud nut	1
77	B32 B34	2-522	Rear mudguard stay stud washer (spring)	2
78	B32 B34	2-2138	Rear mudguard stay stud washer (plain)	2
79	B32 B34	42-6813	Rear mudguard stay stud (offside)	1
80	B32 B34	3-720	Rear mudguard stay stud locknut (offside)	1
81	B32 B34	2-2395	Rear mudguard clip bolt nut	2
82	B32 B34	2-1462	Rear mudguard clip bolt washer (spring)	2
83	B32 B34	42-6783	Rear mudguard support plate	1
84	B32 B34	2-2395	Rear mudguard bracket fixing screw nut	2
85	B32 B34	2-1462	Rear mudguard bracket fixing screw washer (spring)	2
86	B32 B34	2-525	Rear mudguard bracket fixing screw washer (plain)	2
87	B32 B34	42-6811	Rear mudguard bracket	2
88	B32 B34	2-525	Rear mudguard bracket fixing screw washer (plain)	2
89	B32 B34	2-100	Oil tank drain plug washer (fibre)	1
90	B32 B34	2-84	Oil tank drain plug	1
91	B32 B34	15-7161	Rear mudguard bracket fixing screw	2
92	B32 B34	29-7971	Oil feed pipe banjo union washer (fibre)	1
93	B32 B34	66-8332	Oil feed pipe nipple nut	1
94	B32 B34	65-8465	Oil feed pipe complete (engine)	1
95	B32 B34	65-8422	Oil feed pipe connection ferrule	1
96	B32 B34	65-2060	Oil feed pipe connection (rubber)	1
97	B32 B34	65-8422	Oil feed pipe connection ferrule	1
98	B32 B34	42-8372	Oil tank feed pipe complete	1
99	B32 B34	29-7971	Oil feed pipe banjo union washer (fibre)	1
100	B32 B34	29-7962	Oil tank filter complete	1
101	B32 B34	42-9015	Toolbox complete with fixed fittings	1
102	B32 B34	2-2395	Toolbox fixing clip screw nut	2
103	B32 B34	2-1462	Toolbox fixing clip screw washer (spring)	2
104	B32 B34	42-9020	Toolbox fixing clip	2
105	B32 B34	27-8560	Toolbox fixing clip screw washer (plain)	2
106	B32 B34	2-204	Toolbox fixing clip screw	2
107	B32 B34	42-2751	Silencer complete	1
108	B32 B34	2-522	Silencer securing nut washer (spring)	1
109	B32 B34	2-46	Silencer securing nut	1
110	B32 B34	2-2395	Silencer inlet tube clip bolt nut	1
111	B32 B34	2-1462	Silencer inlet tube clip bolt washer (spring)	1
112	B32 B34	2-525	Silencer inlet tube clip bolt washer (plain)	1
113	B32 B34	24-7343	Silencer inlet tube clip bolt	1
114	B32 B34	2-204	Toolbox to bracket fixing screw	1
115	B32 B34	27-8560	Toolbox to bracket fixing screw washer (plain)	1
116	B32 B34	2-1462	Toolbox to bracket fixing screw washer (spring)	1
117	B32 B34	2-2395	Toolbox to bracket fixing screw nut	1

PETROL TANK, HANDLEBAR and REAR BRAKE CONTROL

B32 B34 Rigid Frame (Competition)

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B32 B34	65-6274	Rear brake lever swivel pin	1
2	B32 B34	29-7368	Rear brake rod adjuster ferrule	1
3	B32 B34	15-1312	Rear brake rod spring	1
4	B32 B34	2-2395	Rear brake rod spring nut	1
5	B32 B34	67-1025	Petrol tank stiffening plate bolt	2
6	B32 B34	2-923	Petrol tank stiffening plate bolt washer (plain)	2
7	B32 B34	36-382	Petrol tank stiffening plate bolt washer (shakeproof)	2
8	B32 B34	42-8037	Petrol tank stiffening plate	1
9	B32 B34	24-8504	Petrol tank filter washer (fibre)	1
10	B32 B34	27-8443	Petrol tank filter complete	1
11	B32 B34	2-930	Petrol tap washer (fibre)	As required
12	B32 B34	65-8171	Petrol tap	1
13	B32 B34	65-8172	Flexible petrol pipe	1
14	B32 B34	42-8055	Petrol tank complete with filler cap (two gallons)	1
15	B32 B34	42-8010	Petrol tank rubber grommet	1
16	B32 B34	42-8011	Petrol tank front fixing bolt	1
17	B32 B34	42-8012	Petrol tank mounting rubber (top)	1
18	B32 B34	2-1945	Petrol tank front fixing bolt washer (plain)	1
19	B32 B34	65-8504	Twist grip rotor and rotor sleeve complete	1
20	B32 B34	65-8503	Twist grip rubber grip	1
21	B32 B34	24-9570	Twist grip friction spring screw	1
22	B32 B34	24-9571	Twist grip friction spring screw locknut	1
23	B32 B34	24-9569	Twist grip friction spring	1
24	B32 B34	24-9573	Twist grip body screw	2
25	B32 B34	65-8505	Twist grip body (top half)	1
26	B32 B34	65-8506	Twist grip body (bottom half)	1
27	B32 B34	24-9572	Twist grip cable stop	1
28	B32 B34	65-8501	Throttle twist grip complete (less cable and cover)	1
29	B32 B34	29-8810	Front brake control complete (less cable and cover)	1
30	B32 B34	65-4960	Handlebar complete (less controls)	1
31	B32 B34	65-8675	Front brake cable and cover complete	1
32	B32 B34	66-8896	Air control complete (less cable and cover)	1
33	B32 B34	65-8832	Throttle cable and cover complete	1
34	B32 B34	65-8836	Air control cable and cover complete	1
35	B32 B34	65-8714	Ignition control cable and cover complete	1
36	B32 B34	66-8810	Ignition control complete (less cable and cover)	1
37	B32 B34	65-8502	Dummy grip (left-hand bar)	1
38	B32 B34	29-8820	Clutch control complete (less cable and cover)	1
39	B32 B34	42-8610	Exhaust lifter control complete (less cable and cover)	1
40	B32 B34	42-8601	Exhaust lifter control cable and cover complete	1
41	B32 B34	65-8680	Clutch control cable and cover complete	1
42	B32 B34	2-510	Rear brake rod toggle end screw	1
43	B32 B34	42-7022	Rear brake pedal complete	1
44	B32 B34	2-443	Rear brake rod toggle end screw nut	1
45	B32 B34	42-7021	Rear brake pedal return spring	1
45A	B32	65-8170	Petrol tank badge transfer (350c.c. Gold Star)	2
45A	B34	65-8175	Petrol tank badge transfer (500c.c. Gold Star)	2
46	B32 B34	42-8051	Petrol tank rubber (top tube)	2
47	B32 B34	42-8052	Petrol tank rubber (anti-roll)	2
48	B32 B34	42-7017	Rear brake rod complete	1
49	B32 B34	28-2080	Rear brake pedal grease nipple	1
50	B32 B34	67-4801	Rear brake pedal adjusting screw	1
51	B32 B34	2-2395	Rear brake pedal adjusting screw nut	1
52	B32 B34	67-4032	Rear brake pedal fulcrum stud	1
53	B32 B34	30-198	Rear brake pedal fulcrum stud washer (plain)	1
54	B32 B34	2-522	Rear brake pedal fulcrum stud washer (spring)	1
55	B32 B34	2-46	Rear brake pedal fulcrum stud nut	1

 Petrol Tank
 Handlebar
 Rear Brake

 Mudguards
 Oil Tank and
 Rear Chalmers

 Handlebar
 Petrol Tank
 Mudguards etc.

 Mudguards
 Chalmers
 Handlebar etc.

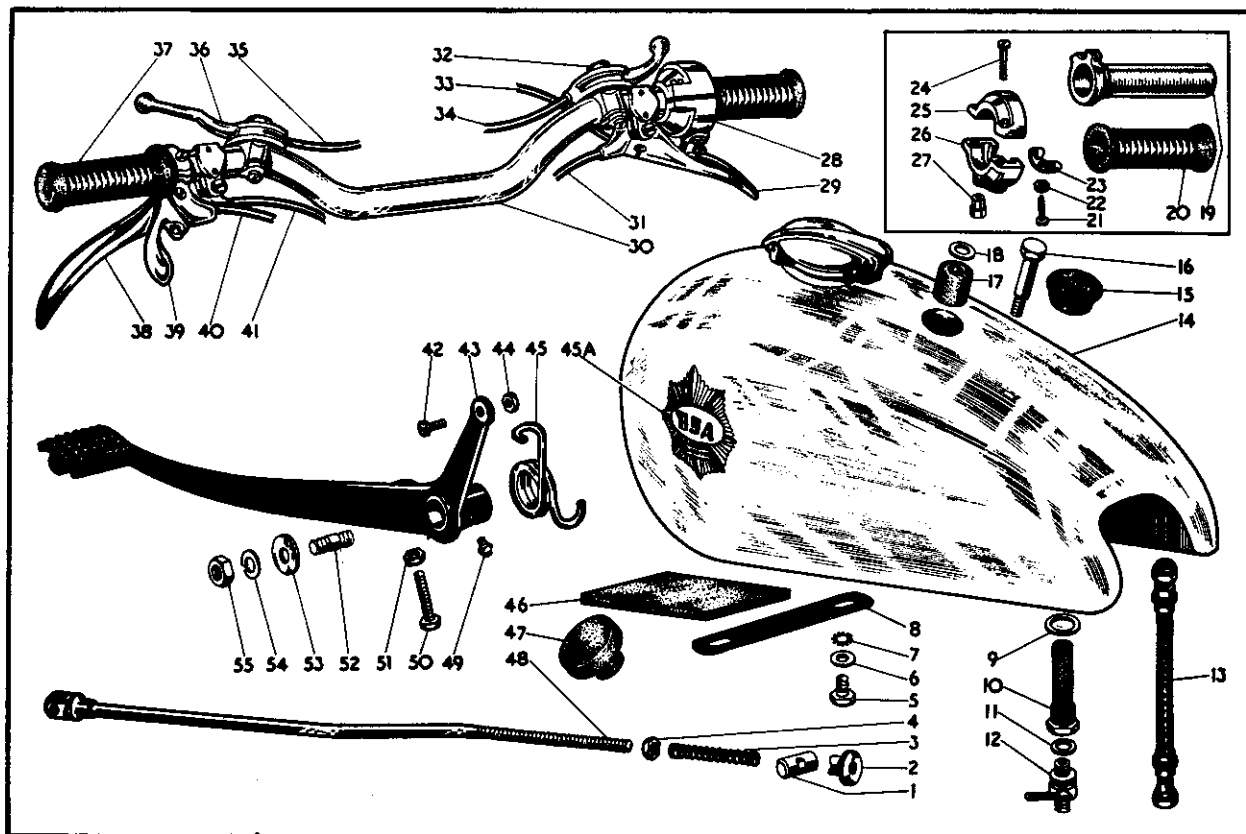
 Bumper Bar
 Center
 Handlebar

Legalside

Plate 27

PETROL TANK, HANDLEBAR and REAR BRAKE CONTROL

B32 B34 Rigid Frame (Competition)



THERE'S OVER 90 YEARS' REPUTATION
FOR QUALITY BEHIND
THE B.S.A. TRADE MARKS, WHICH ARE
YOUR SAFEGUARD

Plate 28

MUDGUARDS, OIL TANK and REAR CHAINGUARD

B31 B33 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B31 B33	42-7701	Rear chainguard complete	1
2	B31 B33	65-292	Rear chainguard fixing bolt	1
3	B31 B33	2-923	Rear chainguard fixing bolt washer (plain)	1
4	B31 B33	30-1194	Rear chainguard fixing bolt distance piece	1
5	B31 B33	2-49	Rear chainguard fixing bolt nut	1
6	B31 B33	24-8784	Rear chainguard fixing bolt washer (spring)	1
7	B31 B33	2-49	Rear chainguard long fixing bolt nut	1
8	B31 B33	24-8784	Rear chainguard long fixing bolt washer (spring)	1
9	B31 B33	2-353	Rear chainguard fixing bolt (short)	2
10	B31 B33	24-8784	Rear chainguard short fixing bolt washer (spring)	2
11	B31 B33	24-7178	Front mudguard stiffener fixing screw	2
12	B31 B33	2-2580	Front mudguard stiffener fixing screw washer (plain)	2
13	B31 B33	67-6560	Front mudguard stiffener	1
14	B31 B33	2-1462	Front mudguard stiffener fixing screw washer (spring)	2
15	B31 B33	2-2395	Front mudguard stiffener fixing screw nut	2
16	B31	67-6558	Front stand complete	1
17	B31 B33	2-1616	Front mudguard stay fork and fixing bolt nut	2
18	B31 B33	24-8784	Front mudguard stay fork and fixing bolt washer (spring)	2
19	B31	67-6557	Front mudguard stay	1
20	B31 B33	2-923	Front mudguard stay fork end fixing bolt washer (plain)	2
21	B31 B33	2-923	Front stand fork end fixing bolt washer (plain)	2
22	B31 B33	15-7354	Front mudguard stay fork end fixing bolt	2
23	B31 B33	2-1934	Front stand fork end fixing bolt	2
24	B31 B33	32-194	Support bridge bottom fixing bolt (offside)	2
25	B31 B33	24-8784	Front stand fork end fixing bolt washer (spring)	2
26	B31 B33	2-1616	Front stand fork end fixing bolt nut	2
27	B31	2-2580	Front stand release bolt washer (thin)	1
28	B31	2-14	Front stand release bolt	1
29	B31 B33	2-1462	Front mudguard support bridge fixing screw washer (spring)	2
30	B31 B33	2-2395	Front mudguard support bridge fixing screw nut	2
31	B31 B33	2-49	Support bridge bottom fixing bolt nut	4
32	B31 B33	36-382	Support bridge bottom fixing bolt washer (shakeproof)	4
33	B31	67-6559	Front mudguard support bridge	1
34	B31 B33	2-2395	Front mudguard stay fixing screw nut	2
35	B31 B33	2-1462	Front mudguard stay fixing screw washer (spring)	2
36	B31 B33	2-2395	Front number plate fixing stud nut	2
37	B31 B33	2-1462	Front number plate fixing stud washer (spring)	2
38	B31 B33	27-8560	Front mudguard stay fixing screw washer (plain)	2
39	B31 B33	65-6576	Front number plate complete	1
40	B31 B33	15-7161	Front mudguard stay fixing screw	2
41	B31 B33	42-8342	Oil tank mounting strip rubber	4
42	B31 B33	65-8500	Oil tank filler cap	1
43	B31 B33	67-42	Oil tank filler cap washer (fibre)	1
44	B31 B33	42-8367	Oil tank with fixed fittings	1
45	B31	67-6556	Front mudguard with fixed fittings	1
46	B31 B33	27-8560	Front mudguard support bridge fixing screw washer (plain)	2
47	B31 B33	15-7161	Front mudguard support bridge fixing screw	2
48	B31 B33	28-2338	Support bridge bottom fixing bolt (nearside)	2
49	B31 B33	42-8334	Oil tank filter assembly	1
50	B31 B33	42-8343	Oil tank filter plug washer (fibre)	1
51	B31 B33	15-7354	Rear mudguard frame fixing bolt	2
52	B31 B33	2-49	Rear mudguard bottom bracket fixing bolt nut	2
53	B31 B33	24-8784	Rear mudguard bottom bracket fixing bolt washer (spring)	2
54	B31 B33	42-8344	Oil tank feed pipe (armoured)	1
55	B31 B33	42-8345	Oil tank return pipe (armoured)	1
56	B31 B33	42-6853	Rear mudguard distance piece (rubber)	2
57	B31 B33	42-6759	Rear mudguard fixing clip (large)	2
58	B31 B33	2-525	Rear mudguard fixing clip bolt washer (plain)	4
59	B31 B33	24-8328	Rear mudguard fixing clip bolt	4
60	B31 B33	29-5289	Oil tank top fixing bolt	1
61	B31 B33	2-537	Oil tank top fixing bolt washer (plain)	1
62	B31 B33	42-8339	Oil tank top fixing bolt distance tube	1
63	B31 B33	42-8331	Oil tank top fixing bolt spacing tube	1
64	B31 B33	15-203	Rocker feed pipe banjo washer (fibre)	1
65	B31 B33	42-8340	Rocker feed pipe banjo locknut	1
66	B31 B33	42-8326	Oil tank front fixing bolt complete	1
67	B31 B33	42-8341	Oil tank top fixing bolt mounting pad (rubber)	2
68	B31 B33	2-537	Oil tank top fixing bolt washer (plain)	1
69	B31 B33	2-49	Oil tank top fixing bolt nut	1

Mudguards
Oil Tank and
Rear ChainguardHandfisher
Petrol Tank
Mudguards etcMudguards
Chainguard
Handfisher etcBumper Bar
Caster
Handfisher

Logbook

Tools &
BumperHandfisher
Petrol Tank

Name

Plate 28—continued.

MUDGUARDS, OIL TANK and REAR CHAINGUARD

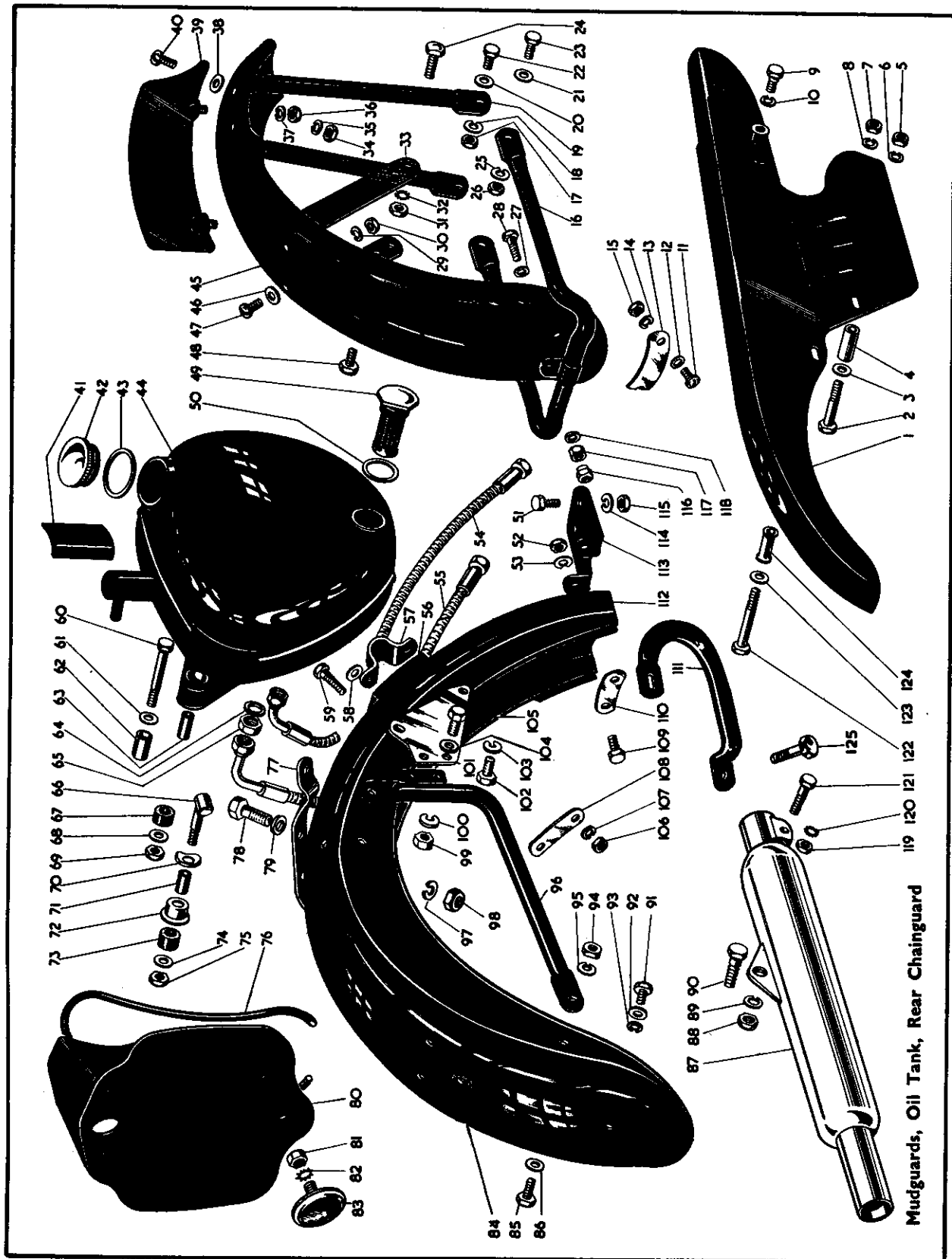
B31 B33 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
70	B31 B33	42-8329	Oil tank fixing bolt saddle washer	1
71	B31 B33	42-8331	Oil tank front fixing bolt spacing tube	1
72	B31 B33	42-8330	Oil tank front fixing bolt bracket cup	1
73	B31 B33	42-8341	Oil tank front fixing bolt mounting pad (rubber)	1
74	B31 B33	2-537	Oil tank front fixing bolt washer (plain)	1
75	B31 B33	2-49	Oil tank front fixing bolt nut	1
76	B31 B33	67-6851	Rear number plate rubber extrusion	1
77	B31 B33	42-6799	Dual seat support bridge	1
78	B31 B33	15-7354	Dual seat support bridge bolt	2
79	B31 B33	2-923	Dual seat support bridge bolt washer (plain)	2
80	B31 B33	67-6830	Rear number plate complete	1
81	B31 B33	21-5102	Rear number plate reflector nut	1
82	B31 B33	29-541	Rear number plate reflector washer (shakeproof)	1
83	B31 B33	67-9069	Reflector	1
83	B31 B33	67-9067	Rear reflector (1954)	1
84	B31 B33	67-6839	Rear mudguard tail lamp wiring grommet	2
85	B31 B33	28-2338	Rear mudguard stay bolt	2
86	B31 B33	2-923	Rear mudguard stay bolt washer (plain)	4
87	B31 B33	42-2725	Silencer complete	1
88	B31 B33	2-449	Silencer bracket fixing bolt nut	1
89	B31 B33	2-522	Silencer bracket fixing bolt washer (spring)	1
90	B31 B33	2-803	Silencer bracket fixing bolt	1
91	B31 B33	2-220	Rear number plate fixing bolt	4
92	B31 B33	27-8560	Rear number plate fixing bolt washer (plain)	4
93	B31 B33	2-1462	Rear number plate fixing bolt washer (spring)	4
94	B31 B33	2-49	Rear mudguard stay bolt nut	4
95	B31 B33	24-8784	Rear mudguard stay bolt washer (spring)	4
96	B31 B33	42-6860/7	Rear mudguard stay complete (offside)	1
96	B31 B33	42-6858	Rear mudguard stay complete (nearside)	1
96	B31 B33	42-6824	Rear mudguard stay complete (offside) (1954)	1
96	B31 B33	42-6822	Rear mudguard stay complete (nearside) (1954)	1
97	B31 B33	24-8784	Dual seat support bridge washer (spring)	2
98	B31 B33	2-49	Dual seat support bridge bolt nut	2
99	B31 B33	2-2395	Rear mudguard stay bracket bolt nut	4
100	B31 B33	2-1462	Rear mudguard stay bracket bolt washer (spring)	4
101	B31 B33	42-6761	Rear mudguard stay bracket (offside)	1
102	B31 B33	67-8313	Rear mudguard stay bracket bottom bolt	2
103	B31 B33	24-8784	Rear mudguard stay bracket bottom bolt washer (spring)	2
104	B31 B33	2-923	Rear mudguard stay bracket bolt washer (plain)	4
105	B31 B33	28-2338	Rear mudguard stay bracket bolt	4
106	B31 B33	2-2395	Rear mudguard fixing clip bolt nut	4
107	B31 B33	2-1462	Rear mudguard fixing clip bolt washer (spring)	4
108	B31 B33	42-6782	Rear mudguard fixing clip stiffening plate	2
109	B31 B33	24-7148	Rear mudguard bottom bracket fixing bolt	2
110	B31 B33	42-6783	Rear mudguard support plate	1
111	B31 B33	42-6865	Lifting handle	1
112	B31 B33	42-6856	Rear mudguard complete with fixed fittings	1
112	B31 B33	42-6841	Rear mudguard with fixed fittings (1954)	1
113	B31 B33	42-6820	Rear mudguard bottom bracket	1
114	B31 B33	24-8784	Rear mudguard frame fixing bolt washer (spring)	2
115	B31 B33	2-49	Rear mudguard frame fixing bolt nut	2
116	B31	15-447	Front stand release bolt nut	1
117	B31	27-410	Front stand release bolt locknut	1
118	B31	2-6537	Front stand release bolt washer (thick)	1
119	B31 B33	2-2395	Silencer inlet tube clip bolt nut	1
120	B31 B33	29-541	Silencer inlet tube clip bolt washer (shakeproof)	1
121	B31 B33	24-7343	Silencer inlet tube clip bolt	1
122	B31 B33	33-4089	Rear chainguard fixing bolt (long)	1
123	B31 B33	2-923	Rear chainguard fixing bolt washer (plain)	1
124	B31 B33	42-7703	Rear chainguard fixing bolt distance tube (short)	1
125	B31 B33	27-6037	Rear mudguard stay and lifting handle bolt	2

Plate 28

MUDGUARDS, OIL TANK and REAR CHAINGUARD

B31 B33 Swinging Arm Frame



Mudguards, Oil Tank, Rear Chainguard

Handlebar
Fuel Tank
Mudguards etc

Mudguards
Chainguard
Handlebar etc

Rear Chainguard
Fuel Tank
Handlebar

Legislative

Technical
Drawing

Plate 29

HANDLEBAR, PETROL TANK, MUDGUARDS, TOOLBOX and DUAL SEAT

B Group Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B Group (swinging arm)	29-7368	Rear brake rod adjuster ferrule	1
2	B Group (swinging arm)	65-6274	Rear brake lever swivel pin	1
3	B Group (swinging arm)	15-1312	Rear brake rod spring	1
4	B Group (swinging arm)	2-2395	Rear brake rod spring nut	1
5	B Group (swinging arm)	42-7007	Rear brake rod complete	1
6	B Group (swinging arm)	42-9038	Toolbox complete	1
7	B Group (swinging arm)	65-292	Toolbox top fixing bolt	1
8	B Group (swinging arm)	35-33	Toolbox top fixing bolt washer (spring)	1
9	B Group B31 B33 (swinging arm)	42-4080	Toolbox fixing stud	2
10	B Group B31 B33 (swinging arm)	2-49	Toolbox fixing stud nut	2
11	B Group B31 B33 (swinging arm)	35-33	Toolbox fixing stud washer (spring)	2
12	B Group B31 B33 (swinging arm)	42-8339	Toolbox top fixing bolt distance tube	1
13	B Group B31 B33 (swinging arm)	2-49	Toolbox top fixing bolt nut	1
14	B Group B31 B33 (swinging arm)	27-5674	Toolbox top fixing bolt washer (plain)	1
15	B Group B31 B33 (swinging arm)	42-9061	Dual seat rear fixing bolt	2
16	B Group B31 B33 (swinging arm)	2-923	Dual seat rear fixing bolt washer (plain)	2
17	B Group B31 B33 (swinging arm)	35-33	Dual seat rear fixing bolt washer (spring)	2
18	B31 B33 (swinging arm)	42-6799	Dual seat rear support bridge	1
18	B32 B34 (swinging arm)	42-9062	Dual seat rear support bridge	1
19	B31 B33 (swinging arm)	42-9072	Dual seat complete with brackets (as required)	1
19	B32 B34 (swinging arm)	42-9085	Dual seat complete with brackets	1
20	B Group (swinging arm)	2-49	Dual seat rear support bridge bolt nut	2
21	B Group (swinging arm)	24-8784	Dual seat rear support bridge bolt washer (spring)	2
22	B Group (swinging arm)	2-923	Dual seat rear support bridge bolt washer (plain)	2
23	B Group (swinging arm)	15-7354	Dual seat rear support bridge bolt	2
24	B Group (swinging arm)	65-8503	Twist grip rubber grip	1
25	B Group (swinging arm)	65-8504	Twist grip rotor and rotor sleeve complete	1
26	B Group (swinging arm)	24-9570	Twist grip friction spring screw	1
27	B Group (swinging arm)	24-9571	Twist grip friction spring screw locknut	1
28	B Group (swinging arm)	24-9569	Twist grip friction spring	1
29	B Group (swinging arm)	24-9573	Twist grip body screw	2
30	B Group (swinging arm)	65-8505	Twist grip body (top half)	1
31	B Group (swinging arm)	65-8506	Twist grip body (bottom half)	1
32	B Group (swinging arm)	24-9572	Twist grip cable stop	1
33	B Group (swinging arm)	65-8501	Throttle twist grip complete (less cable and cover)	1
34	B Group (swinging arm)	29-8810	Front brake control complete (less cable and cover)	1
35	B Group (swinging arm)	42-8010	Petrol tank rubber grommet	1
36	B Group (swinging arm)	42-8011	Petrol tank front fixing bolt	1
37	B Group (swinging arm)	2-1945	Petrol tank front fixing bolt washer (plain)	1
38	B Group (swinging arm)	42-8012	Petrol tank mounting rubber (top)	1
39	B31 B33 (swinging arm)	42-8043/36	Petrol tank (two gallons)	1
39	B32 B34 (swinging arm)	42-8043/19	Petrol tank (two gallons)	1
39	B31 B33 (swinging arm)	42-8053/36	Petrol tank (four gallons)	1
40	B Group (swinging arm)	29-7898	Petrol tank filler cap	1
41	B31 B32 B34 (swinging arm)	65-8675	Front brake control cable and cover complete	1
41	B33 (swinging arm)	67-8610	Front brake control cable and cover complete	1
42	B Group (swinging arm)	65-4960	Handlebar (less controls)	1
43	B Group (swinging arm)	65-8836	Air control cable and cover complete	1
44	B Group (swinging arm)	65-8832	Throttle control cable and cover complete	1
45	B Group (swinging arm)	66-8896	Air control complete (less cable and cover)	1
46	B Group (swinging arm)	65-8714	Ignition control cable and cover complete	1
47	B Group (swinging arm)	66-8810	Ignition control complete (less cable and cover)	1
48	B Group (swinging arm)	65-8502	Dummy grip (left-hand bar)	1
49	B Group (swinging arm)	29-8820	Clutch control complete (less cable and cover)	1
50	B Group (swinging arm)	66-8513	Exhaust control complete (less cable and cover)	1
51	B Group (swinging arm)	65-8795	Exhaust control cable and cover complete	1
52	B Group (swinging arm)	65-8680	Clutch control cable and cover complete	1
53	B Group (swinging arm)	42-8034	Petrol tank badge clip screw nut	4
54	B Group (swinging arm)	42-8020	Petrol tank badge clip	2
55	B Group (swinging arm)	2-79	Knee-grip fixing screw	4
56	B Group (swinging arm)	65-8220	Petrol tank badge	2
57	B Group (swinging arm)	65-8317	Petrol tank badge clip screw	4
58	B33 (swinging arm)	67-6547	Front mudguard stay insulator (rubber)	2
59	B33 (swinging arm)	67-6544	Front mudguard stay	1
60	B33 (swinging arm)	67-6546	Front mudguard bridge stay insulator (rubber)	2
61	B33 (swinging arm)	65-6606	Front mudguard support bridge	1
62	B33 (swinging arm)	2-1354	Front stand mudguard fixing bolt	2
63	B33 (swinging arm)	67-6530	Front stand complete	1

Plate 29

HANDLEBAR, PETROL TANK, MUDGUARDS, TOOLBOX and DUAL SEAT B Group Swinging Arm Frame

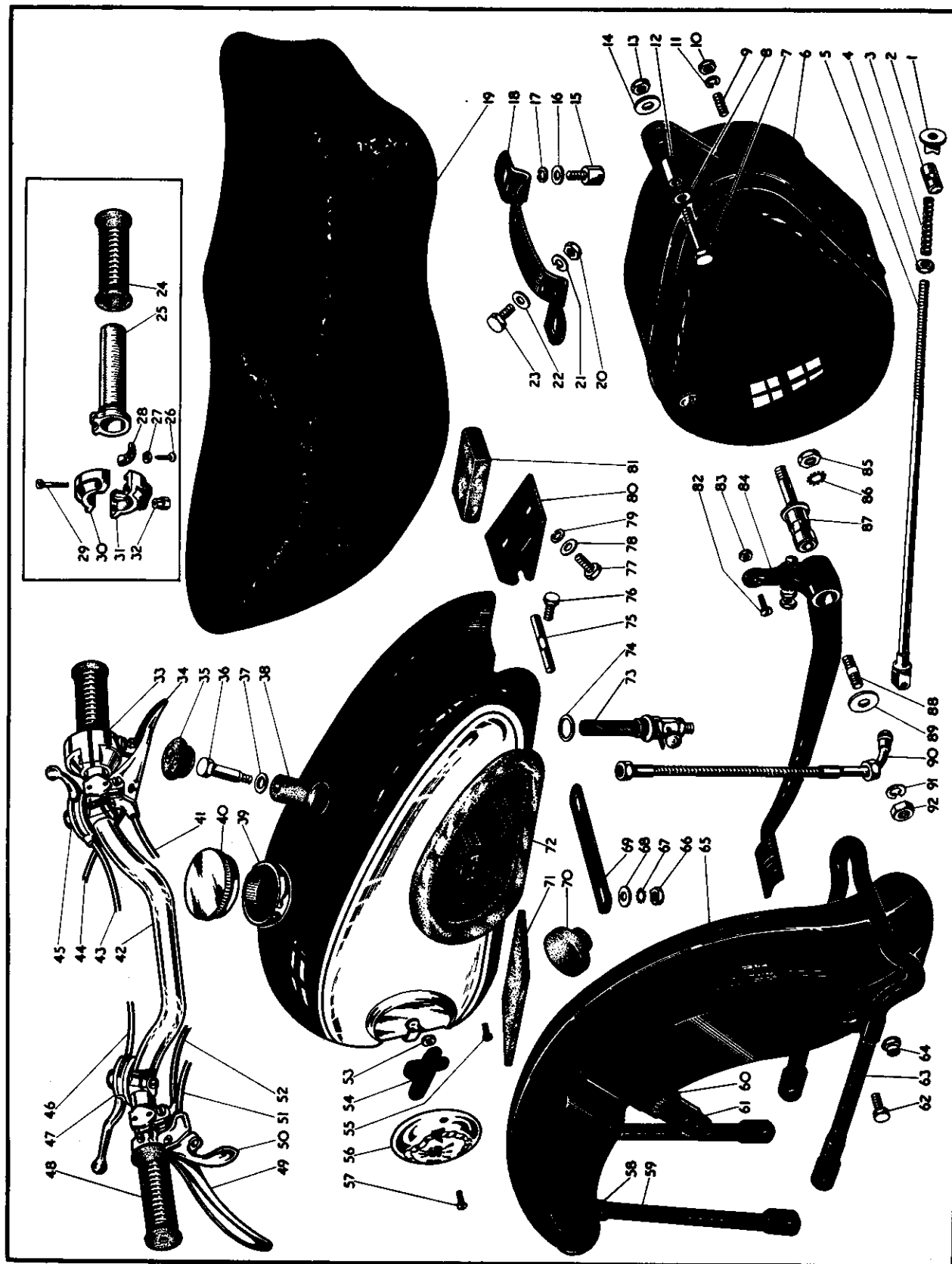


Plate 29—continued.

HANDLEBAR, PETROL TANK,
MUDGUARDS, TOOLBOX and DUAL SEAT

B Group Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
64 ...	B33 (swinging arm)	15-447	Front stand mudguard fixing bolt nut	2
65 ...	B33 (swinging arm)	67-6543	Front mudguard complete with fixed fittings	1
66 ...	B Group (swinging arm)	2-49	Petrol tank stiffening plate stud nut	2
67 ...	B Group (swinging arm)	36-382	Petrol tank stiffening plate stud washer (shakeproof)	2
68 ...	B Group (swinging arm)	2-923	Petrol tank stiffening plate stud washer (plain)	2
69 ...	B Group (swinging arm)	42-8058	Petrol tank stiffening plate	1
70 ...	B Group (swinging arm)	42-8052	Petrol tank mounting rubber (anti-roll)	2
71 ...	B Group (swinging arm)	42-8051	Petrol tank mounting rubber (top tube)	2
72 ...	B Group (swinging arm)	65-8206	Knee-grip rubber (left-hand)	1
72 ...	B Group (swinging arm)	65-8205	Knee-grip rubber (right-hand)	1
73 ...	B Group (swinging arm)	65-8216	Petrol tap	1
74 ...	B Group (swinging arm)	24-8504	Petrol tap washer (fibre)	1
75 ...	B Group (swinging arm)	42-9060	Dual seat front support pin	1
76 ...	B Group (swinging arm)	2-220	Dual seat front support pin securing bolt	1
77 ...	B Group (swinging arm)	28-2338	Dual seat front fixing bolt	2
78 ...	B Group (swinging arm)	2-923	Dual seat front fixing bolt washer (plain)	2
79 ...	B Group (swinging arm)	35-33	Dual seat front fixing bolt washer (spring)	2
80 ...	B Group (swinging arm)	42-9058	Dual seat front support bracket	1
81 ...	B Group (swinging arm)	42-9057	Dual seat support rubber	2
82 ...	B Group (swinging arm)	2-510	Rear brake rod toggle end screw	1
83 ...	B Group (swinging arm)	2-443	Rear brake rod toggle end screw nut	1
84 ...	B Group (swinging arm)	42-7003	Rear brake pedal complete	1
85 ...	B Group (swinging arm)	2-46	Rear brake pedal fulcrum pin nut	1
86 ...	B Group (swinging arm)	66-4707	Rear brake pedal fulcrum pin washer (shakeproof)	1
87 ...	B Group (swinging arm)	42-7012	Rear brake pedal fulcrum pin	1
88 ...	B Group (swinging arm)	67-4032	Rear brake pedal fulcrum stud	1
89 ...	B Group (swinging arm)	30-196	Rear brake pedal fulcrum stud washer (plain)	1
90 ...	B Group (swinging arm)	42-8076	Flexible petrol pipe complete	1
90 ...	B31 B33 (swinging arm)	42-8060	Petrol pipe (plastic) (1954)	1
91 ...	B Group (swinging arm)	2-522	Rear brake pedal fulcrum stud washer (spring)	1
92 ...	B Group (swinging arm)	2-46	Rear brake pedal fulcrum stud nut	1

EVERY OWNER OF A B.S.A. MOTOR CYCLE
IS STRONGLY ADVISED TO BUY ONLY
GENUINE B.S.A. SPARE PARTS WHEN
REPLACEMENTS BECOME NECESSARY

Plate 30

MUDGUARDS, CHAINGUARD,
OIL TANK, SILENCER and HANDRAIL

B Group Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	... B32 B34 (swinging arm)	... 42-7701/3	Rear chainguard complete	1
2	... B32 B34 (swinging arm)	... 65-292	Rear chainguard fixing bolt	1
3	... B32 B34 (swinging arm)	... 2-923	Rear chainguard fixing bolt washer (plain)	1
4	... B32 B34 (swinging arm)	... 30-1194	Rear chainguard fixing bolt distance piece	1
5	... B32 B34 (swinging arm)	... 24-8784	Rear chainguard fixing bolt washer (spring)	1
6	... B32 B34 (swinging arm)	... 2-49	Rear chainguard fixing bolt nut	1
7	... B32 B34 (swinging arm)	... 24-8784	Rear chainguard long fixing bolt washer (spring)	1
8	... B32 B34 (swinging arm)	... 2-49	Rear chainguard long fixing bolt nut	1
9	... B32 B34 (swinging arm)	... 2-353	Rear chainguard fixing bolt (short)	2
10	... B32 B34 (swinging arm)	... 24-8784	Rear chainguard short fixing bolt washer (spring)	2
11	... B32 B34 (swinging arm)	... 15-7161	Front mudguard stay fixing screw	4
12	... B32 B34 (swinging arm)	... 27-8560	Front mudguard stay fixing screw washer (plain)	4
13	... B32 B34 (swinging arm)	... 42-6503	Front mudguard with fixed fittings	1
14	... B32 B34 (swinging arm)	... 2-1462	Front mudguard stay fixing screw washer (spring)	4
15	... B32 B34 (swinging arm)	... 2-2395	Front mudguard stay fixing screw nut	4
16	... B32 B34 (swinging arm)	... 65-6612	Front mudguard bottom stay	1
17	... B32 B34 (swinging arm)	... 2-1616	Front mudguard stay fork end fixing bolt nut	4
18	... B32 B34 (swinging arm)	... 24-8784	Front mudguard stay fork end fixing bolt washer (spring)	4
19	... B32 B34 (swinging arm)	... 65-6612	Front mudguard top stay	1
20	... B32 B34 (swinging arm)	... 2-923	Front mudguard stay fork end fixing bolt washer (plain)	4
21	... B32 B34 (swinging arm)	... 15-7354	Front mudguard stay fork end fixing bolt	4
22	... B32 B34 (swinging arm)	... 2-49	Front mudguard centre stay bolt nut	4
23	... B32 B34 (swinging arm)	... 36-382	Front mudguard centre stay bolt washer (shakeproof)	4
24	... B32 B34 (swinging arm)	... 2-1462	Front mudguard centre stay fixing screw washer (spring)	2
25	... B32 B34 (swinging arm)	... 2-2395	Front mudguard centre stay fixing screw nut	2
26	... B32 B34 (swinging arm)	... 42-6505	Front mudguard centre stay complete	1
27	... B32 B34 (swinging arm)	... 3-1156	Front mudguard centre stay bolt	4
28	... B32 B34 (swinging arm)	... 2-2395	Front number plate fixing stud nut	2
29	... B32 B34 (swinging arm)	... 2-1462	Front number plate fixing stud washer (spring)	2
30	... B32 B34 (swinging arm)	... 65-6576	Front number plate complete	1
31	... B32 B34 (swinging arm)	... 15-7161	Front mudguard centre stay fixing screw	2
32	... B32 B34 (swinging arm)	... 27-8560	Front mudguard centre stay fixing screw washer (plain)	2
33	... B32 B34 (swinging arm)	... 42-8334	Oil tank filter assembly	1
34	... B32 B34 (swinging arm)	... 42-8343	Oil tank filter plug washer (fibre)	1

Mudguards
Chainguard
Handrail etc.

Bumper Bar
Camber
Handrail

Loghills

Truck
Bumper

Handrail

Plate 30

MUDGUARDS, CHAINGUARD, OIL TANK, SILENCER and HANDRAIL

B Group Swinging Arm Frame

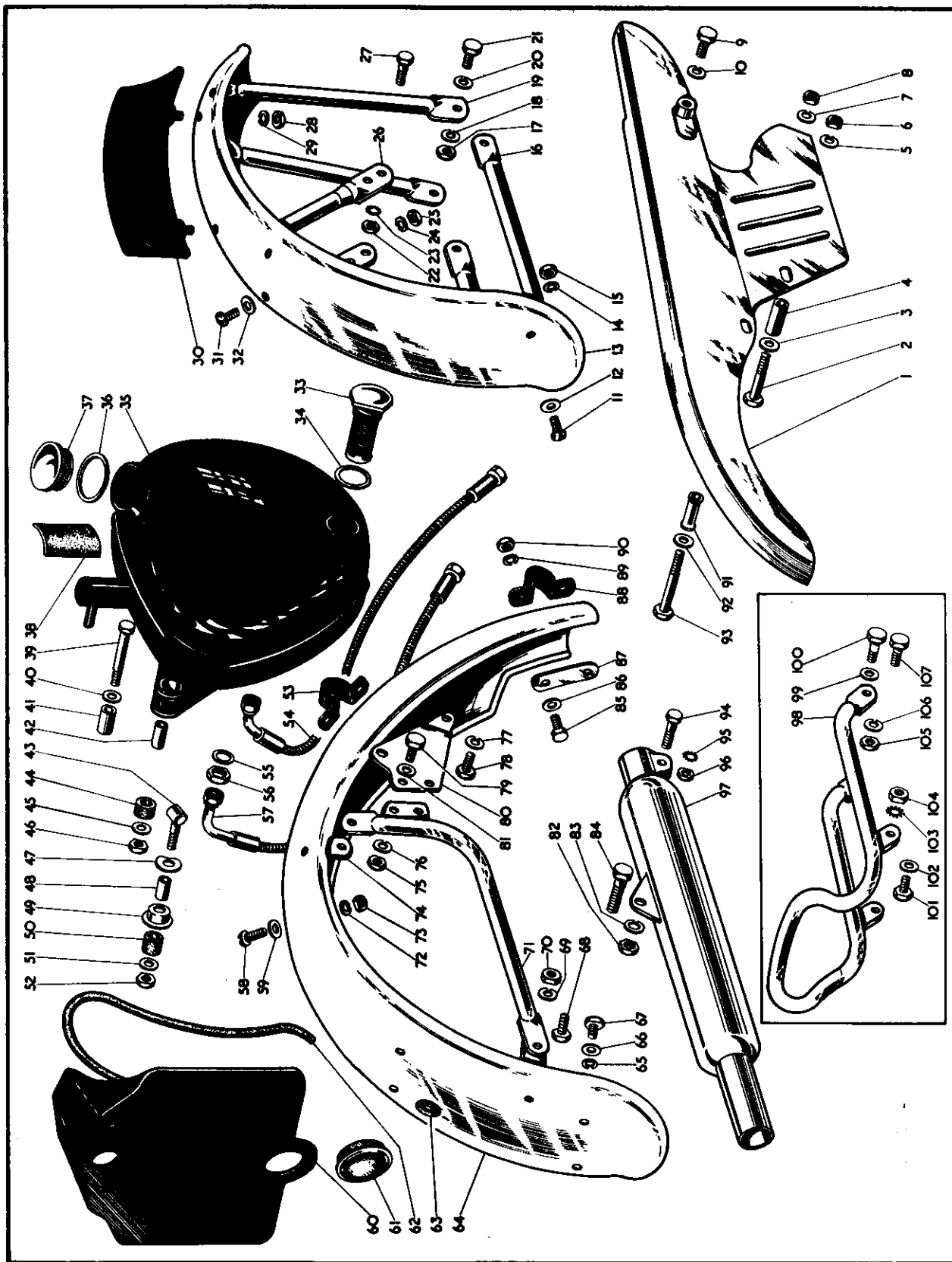


Plate 30—continued.

MUDGUARDS, CHAINGUARD,
OIL TANK, SILENCER and HANDRAIL

B Group Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
35 ...	B32 B34 (swinging arm)	42-8367 ...	Oil tank with fixed fittings ...	1
36 ...	B32 B34 (swinging arm)	67-42 ...	Oil tank filler cap washer (fibre) ...	1
37 ...	B32 B34 (swinging arm)	65-8500 ...	Oil tank filler cap ...	1
38 ...	B32 B34 (swinging arm)	42-8342 ...	Oil tank mounting strip (rubber) ...	4
39 ...	B32 B34 (swinging arm)	29-5289 ...	Oil tank top fixing bolt ...	1
40 ...	B32 B34 (swinging arm)	2-537 ...	Oil tank top fixing bolt washer (plain) ...	1
41 ...	B32 B34 (swinging arm)	42-8339 ...	Oil tank top fixing bolt distance tube ...	1
42 ...	B32 B34 (swinging arm)	42-8331 ...	Oil tank top fixing bolt spacing tube ...	1
43 ...	B32 B34 (swinging arm)	42-8326 ...	Oil tank front fixing bolt complete ...	1
44 ...	B32 B34 (swinging arm)	42-8341 ...	Oil tank top fixing bolt mounting pad (rubber) ...	2
45 ...	B32 B34 (swinging arm)	2-537 ...	Oil tank top fixing bolt washer (plain) ...	1
46 ...	B32 B34 (swinging arm)	2-49 ...	Oil tank top fixing bolt nut ...	1
47 ...	B32 B34 (swinging arm)	42-8329 ...	Oil tank front fixing bolt saddle washer ...	1
48 ...	B32 B34 (swinging arm)	42-8331 ...	Oil tank front fixing bolt spacing tube ...	1
49 ...	B32 B34 (swinging arm)	42-8330 ...	Oil tank front fixing bolt bracket cup ...	1
50 ...	B32 B34 (swinging arm)	42-8341 ...	Oil tank front fixing bolt mounting pad (rubber) ...	1
51 ...	B32 B34 (swinging arm)	2-537 ...	Oil tank front fixing bolt washer (plain) ...	1
52 ...	B32 B34 (swinging arm)	2-49 ...	Oil tank front fixing bolt nut ...	1
53 ...	B32 B34 (swinging arm)	42-8785 ...	Rear mudguard fixing clip (small) ...	1
54 ...	B32 B34 (swinging arm)	42-8344 ...	Oil tank feed pipe (armoured) ...	1
55 ...	B32 B34 (swinging arm)	15-203 ...	Rocker feed pipe banjo washer (fibre) ...	1
56 ...	B32 B34 (swinging arm)	42-8340 ...	Rocker feed pipe banjo locknut ...	1
57 ...	B32 B34 (swinging arm)	42-8345 ...	Oil tank return pipe (armoured) ...	1
58 ...	B32 B34 (swinging arm)	15-7161 ...	Rear mudguard bridge fixing screw (when saddle is fitted) ...	4
59 ...	B32 B34 (swinging arm)	27-8560 ...	Rear mudguard bridge fixing screw washer (plain) (when saddle is fitted) ...	4
60 ...	B32 B34 (swinging arm)	67-6830 ...	Rear number plate complete ...	1
61 ...	B32 B34 (swinging arm)	67-9067 ...	Rear reflector ...	1
61 ...	B32 B34 (swinging arm)	67-9069 ...	Rear reflector (1955) ...	1
— ...	B32 B34 (swinging arm)	21-5102 ...	Rear reflector nut (1955) ...	1
— ...	B32 B34 (swinging arm)	29-541 ...	Rear reflector nut washer (1955) ...	1
62 ...	B32 B34 (swinging arm)	67-6851 ...	Rear number plate rubber extrusion ...	1
63 ...	B32 B34 (swinging arm)	67-6839 ...	Rear mudguard tail lamp wiring grommet ...	2
64 ...	B32 B34 (swinging arm)	42-6851 ...	Rear mudguard complete with fixed fittings ...	1
65 ...	B32 B34 (swinging arm)	2-1462 ...	Rear number plate fixing bolt washer (spring) ...	4

Rear mudguard
Complete
Handrail

Legible

Tach and
SawdustRear mudguard
Complete

New

Plate 30—continued.

MUDGUARDS, CHAINGUARD,
OIL TANK, SILENCER and HANDRAIL

B Group Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
66 ...	B32 B34 (swinging arm)	27-8560 ...	Rear number plate fixing bolt washer (plain) ...	4
67 ...	B32 B34 (swinging arm)	2-220 ...	Rear number plate fixing bolt ...	4
68 ...	B32 B34 (swinging arm)	24-6770 ...	Rear mudguard stay bolt ...	4
69 ...	B32 B34 (swinging arm)	24-8784 ...	Rear mudguard stay bolt washer (spring) ...	4
70 ...	B32 B34 (swinging arm)	2-49 ...	Rear mudguard stay bolt nut ...	4
71 ...	B32 B34 (swinging arm)	42-6846 ...	Rear mudguard stay complete (offside) ...	1
71 ...	B32 B34 (swinging arm)	42-6848 ...	Rear mudguard stay complete (nearside) ...	1
72 ...	B32 B34 (swinging arm)	2-1462 ...	Rear mudguard bridge fixing screw washer (spring) (when saddle is fitted) ...	4
73 ...	B32 B34 (swinging arm)	2-2395 ...	Rear mudguard bridge fixing screw nut (when saddle is fitted)...	4
74 ...	B32 B34 (swinging arm)	42-6832 ...	Rear mudguard bridge ...	2
75 ...	B32 B34 (swinging arm)	2-2395 ...	Rear mudguard stay bracket bolt nut ...	4
76 ...	B32 B34 (swinging arm)	2-1462 ...	Rear mudguard stay bracket boltwasher (spring)...	4
77 ...	B32 B34 (swinging arm)	24-8784 ...	Rear mudguard stay bracket bottom bolt washer (spring) ...	2
78 ...	B32 B34 (swinging arm)	28-2338 ...	Rear mudguard stay bracket bottom bolt ...	2
79 ...	B32 B34 (swinging arm)	28-2338 ...	Rear mudguard stay bracket bolt ...	4
80 ...	B32 B34 (swinging arm)	42-6761 ...	Rear mudguard stay bracket (offside) ...	1
80 ...	B32 B34 (swinging arm)	42-6762 ...	Rear mudguard stay bracket (nearside) ...	1
81 ...	B32 B34 (swinging arm)	2-923 ...	Rear mudguard stay bracket bolt washer (plain) ...	4
82 ...	B32 B34 (swinging arm)	2-449 ...	Silencer bracket fixing bolt nut (when pillion footrests not fitted)	1
83 ...	B32 B34 (swinging arm)	2-522 ...	Silencer bracket fixing bolt washer (spring) (when pillion footrests not fitted) ...	1
84 ...	B32 B34 (swinging arm)	2-803 ...	Silencer bracket fixing bolt (when pillion footrests not fitted) ...	1
85 ...	B32 B34 (swinging arm)	2-204 ...	Rear mudguard fixing clip bolt ...	4
86 ...	B32 B34 (swinging arm)	27-8560 ...	Rear mudguard fixing clip bolt washer (plain) ...	4
87 ...	B32 B34 (swinging arm)	42-6782 ...	Rear mudguard fixing clip stiffening plate ...	2
88 ...	B32 B34 (swinging arm)	42-6759 ...	Rear mudguard fixing clip (large) ...	1
89 ...	B32 B34 (swinging arm)	2-1462 ...	Rear mudguard fixing clip bolt washer (spring) ...	4
90 ...	B32 B34 (swinging arm)	2-2395 ...	Rear mudguard fixing clip bolt nut ...	4
91 ...	B32 B34 (swinging arm)	42-7703 ...	Rear chainguard fixing bolt distance tube (short) ...	1
92 ...	B32 B34 (swinging arm)	2-923 ...	Rear chainguard fixing bolt washer (plain) ...	1
93 ...	B32 B34 (swinging arm)	33-4089 ...	Rear chainguard fixing bolt (long) ...	1
94 ...	B32 B34 (swinging arm)	24-7343 ...	Silencer inlet tube clip bolt ...	1
95 ...	B32 B34 (swinging arm)	29-541 ...	Silencer inlet tube clip bolt washer (shakeproof) ...	1
96 ...	B32 B34 (swinging arm)	2-2395 ...	Silencer inlet tube clip bolt nut ...	1
97 ...	B32 (swinging arm)	42-2782 ...	Silencer complete ...	1
97 ...	B34 (swinging arm)	42-2730 ...	Silencer complete ...	1
98 ...	B32 B34 (swinging arm)	42-9065 ...	Dual seat handrail complete ...	1

Plate 30—*continued.*

MUDGUARDS, CHAINGUARD, OIL TANK, SILENCER and HANDRAIL

B Group Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
99 ...	B32 B34 (swinging arm)	... 2-923 ...	Handrail stay bolt washer (plain)	2
100 ...	B31 B33 (swinging arm)	... 27-6037 ...	Handrail stay bolt	2
101 ...	B32 B34 (swinging arm)	... 24-6770 ...	Handrail mudguard bolt	2
102 ...	B32 B34 (swinging arm)	... 2-923 ...	Handrail mudguard bolt washer (plain)	2
103 ...	B32 B34 (swinging arm)	... 36-382 ...	Handrail mudguard bolt washer (shakeproof)	2
104 ...	B32 B34 (swinging arm)	... 2-49 ...	Handrail mudguard bolt nut	2
105 ...	B32 B34 (swinging arm)	... 2-49 ...	Handrail stay bolt nut	2
106 ...	B32 B34 (swinging arm)	... 24-8784 ...	Handrail stay bolt washer (spring)	2
107 ...	B32 B34 (swinging arm)	... 28-2338 ...	Handrail stay bolt	2

**FOR THE SAME REASON THAT YOU
 BUY A B.S.A. MOTOR CYCLE—TO
 GET THE GREATEST VALUE—
 ALWAYS BUY
 GENUINE B.S.A. SPARES**

Plate 31

BUMPER BARS, CARRIER, HANDRAIL

B31 B33 Swinging Arm Frame

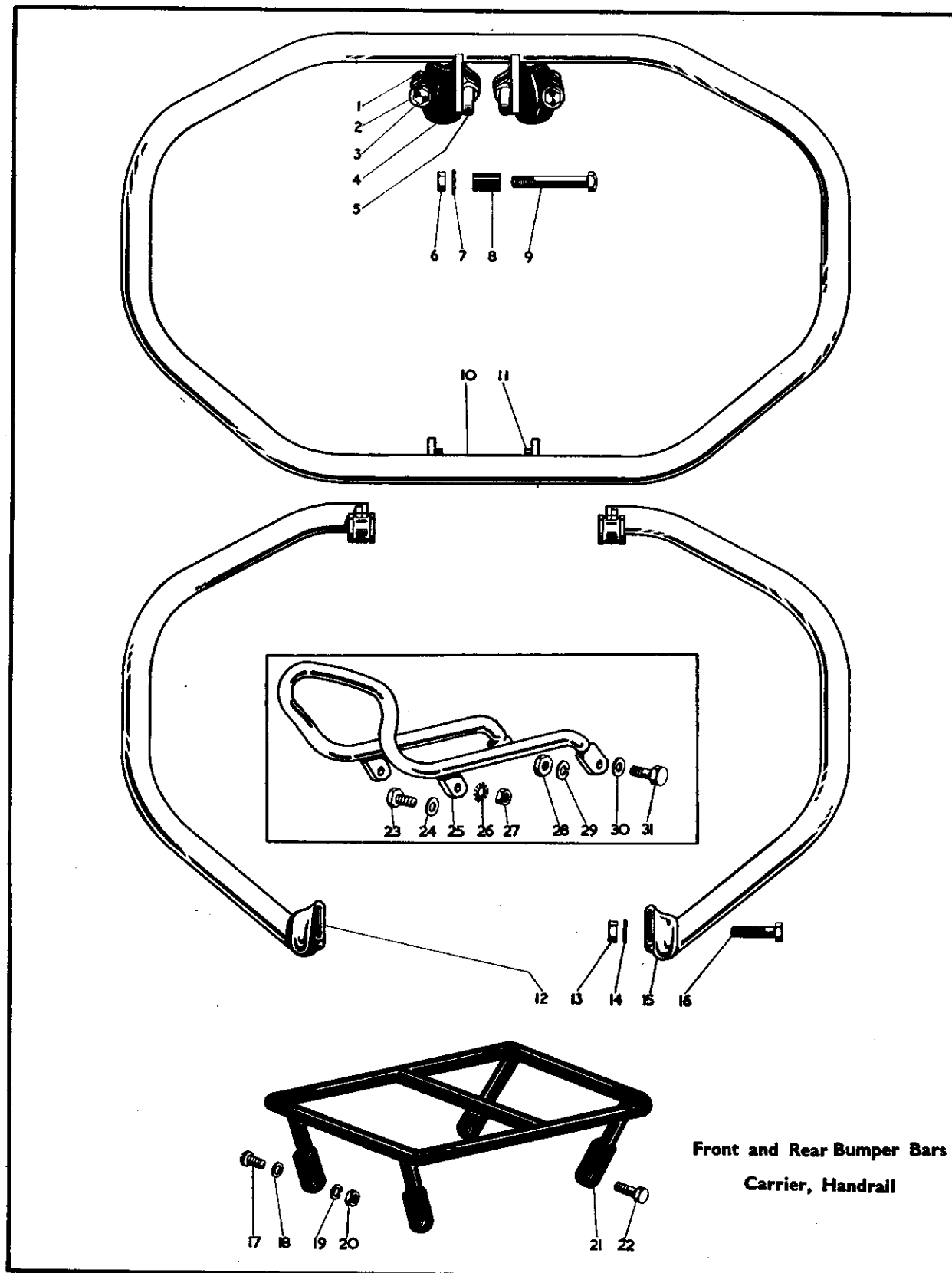


Plate 31

BUMPER BARS, CARRIER and HANDRAIL

B31 B33 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
...	B31 B33	42-4899	Front bumper bar assembled complete with fittings	1
1	B31 B33	2-46	Front bumper bar split clamp bolt nut	2
2	B31 B33	2-2903	Front bumper bar split clamp bolt washer	2
3	B31 B33	2-803	Front bumper bar split clamp bolt	2
4	B31 B33	42-4906	Front bumper bar split clamp	2
5	B31 B33	42-4904	Front bumper bar eye bolt	2
...	B31 B33	2-522	Front bumper bar eye bolt washer (spring)	2
...	B31 B33	2-46	Front bumper bar eye bolt nut	2
6	B31 B33	2-46	Front bumper bar fixing bolt nut (top)	1
7	B31 B33	2-522	Front bumper bar fixing bolt washer (spring) (top)	1
8	B31 B33	42-4905	Front bumper bar eye bolt spacing tube	1
9	B31 B33	65-4185	Front bumper bar fixing bolt (top)	1
10	B31 B33	42-4900	Front bumper bar complete	1
11	B31 B33	42-4907	Front bumper bar engine plate distance collar	2
12	B31 B33	42-4910	Rear bumper bar complete (offside)	1
13	B31 B33	2-499	Rear bumper bar fixing bolt nut (nearside) (bottom) (when pillion footrests not fitted)	1
14	B31 B33	2-522	Rear bumper bar fixing bolt spring washer (nearside) (bottom) (when pillion footrests not fitted)	1
15	B31 B33	42-4914	Rear bumper bar complete (nearside)	1
16	B31 B33	2-803	Rear bumper bar fixing bolt (nearside) (bottom) (when pillion footrests not fitted)	1
17	B31 B33	15-7161	Carrier fixing screw (rear)	2
18	B31 B33	2-525	Carrier fixing screw washer (plain) (rear)	2
19	B31 B33	2-1462	Carrier fixing screw washer (spring) (rear)	2
20	B31 B33	2-2395	Carrier fixing screw nut (rear)	2
21	B31 B33	42-6920	Carrier complete	1
22	B31 B33	27-6037	Carrier fixing screw (front)	2
23	B31 B33	24-6770	Handrail mudguard bolt	2
24	B31 B33	2-923	Handrail mudguard bolt washer (plain)	2
25	B31 B33	42-9075	Dual seat handrail complete	1
26	B31 B33	36-382	Handrail mudguard bolt washer (shakeproof)	2
27	B31 B33	2-49	Handrail mudguard bolt nut	2
28	B31 B33	2-49	Handrail mudguard stay bolt nut	2
29	B31 B33	24-8784	Handrail mudguard stay bolt washer (spring)	2
30	B31 B33	2-923	Handrail mudguard stay bolt washer	2
31	B31 B33	27-6037	Handrail mudguard stay bolt	2

Plate 32

FRONT BUMPER BARS

B31 B33 Spring Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1	B31 B33	2-49	Front bumper bar "U" bolt nut	2
2	B31 B33	36-382	Front bumper bar "U" bolt washer (shakeproof)	2
3	B31 B33	65-4798	Front bumper bar "U" bolt saddle washer	2
4	B31 B33	65-4795	Front bumper bar complete	1
5	B31 B33	65-4797	Front bumper bar "U" bolt	1
6	B31 B33	2-861	Front bumper bar stud washer (plain)	2
7	B31 B33	66-4163	Down tube, exhaust pipe, and bumper bar stud	1

Bumper Bar
Carrier
Handrail

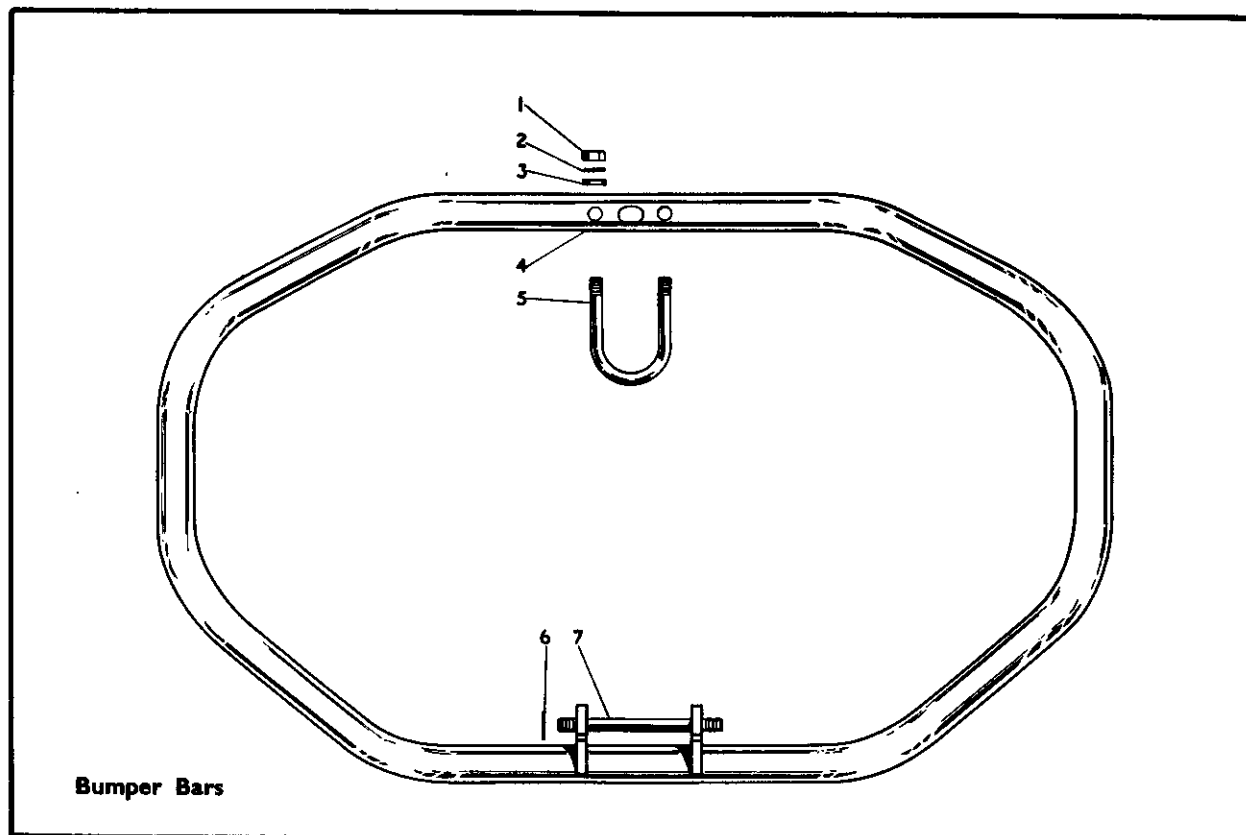
Legs/feet

Tubing
BumperBumper
BarBumper
Bar

Plate 32

FRONT BUMPER BARS

B31 B33 Spring Frame



EVERY OWNER OF A

BSA

MOTOR CYCLE

IS STRONGLY ADVISED TO BUY ONLY

GENUINE B.S.A. SPARES

Plate 33

LEGSHIELDS

B31 B33 Rigid and Spring

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31 B33	66-7366	Legshields assembled complete	1
1	B31 B33	15-7161	Legshield clip support screw	8
—	B31 B33	27-8560	Legshield clip support screw washer (plain)	8
—	B31 B33	2-2395	Legshield clip support screw nut	8
2	B31 B33	2-46	Legshield bottom support plate stud nut	2
3	B31 B33	66-7373	Legshield bottom support plate	2
4	B31 B33	3-720	Engine plate and crankcase stud locknut	1
5	B31 B33	66-7372	Engine plate and crankcase stud	1
6	B31 B33	2-522	Engine plate and crankcase stud washer (spring) (existing)	2
7	B31 B33	2-46	Engine plate and crankcase stud nut (existing)	2
8	B31 B33	2-2903	Legshield bottom support plate stud washer (spring)	2
9	B31 B33	66-7370	Legshield support tube (bottom)	2
10	B31 B33	29-6110	Legshield bottom support plate bolt	2
11	B31 B33	2-2903	Legshield bottom support plate bolt washer (spring)	2
12	B31 B33	66-7367	Legshield only	2
13	B31 B33	65-7286	Legshield support frame clip (right-hand)	1
14	B31 B33	65-7287	Legshield support frame clip (left-hand)	1
15	B31 B33	66-7353	Legshield support tube clip	8
16	B31 B33	66-7368	Legshield top support tube	1
17	B31 B33	27-7979	Legshield support tube sleeve nut	2

Plate 34

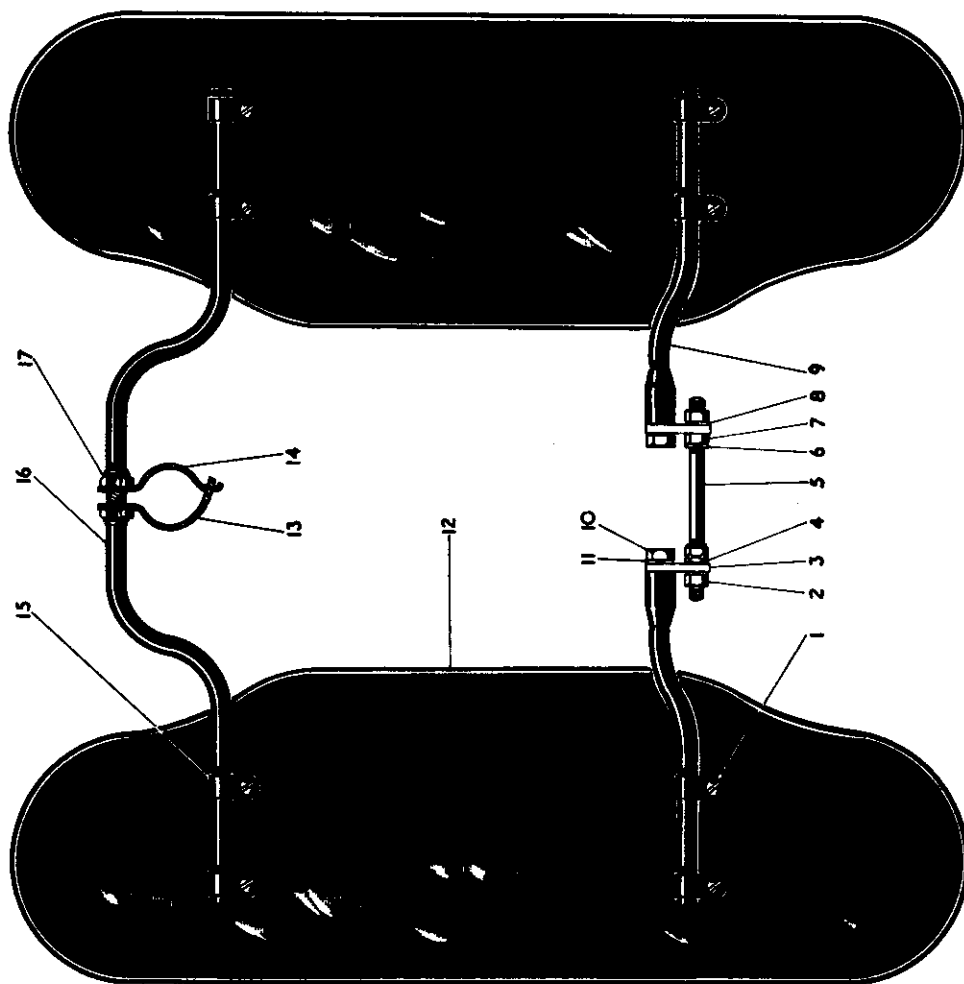
LEGSHIELDS

B31 B33 Swinging Arm Frame

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
—	B31 B33	42-7219	Legshields assembled complete	1
1	B31 B33	42-7216	Legshield support tube complete (bottom)	2
2	B31 B33	15-7161	Legshield support tube clip screw	8
—	B31 B33	27-8560	Legshield support tube clip washer (plain)	8
—	B31 B33	2-2395	Legshield support tube clip nut	8
3	B31 B33	42-7207	Legshield (nearside)	1
4	B31 B33	67-7205	Legshield top cross tube adaptor	2
5	B31 B33	42-4906	Legshield front down tube split clamp	2
6	B31 B33	2-803	Legshield front down tube bolt	2
7	B31 B33	42-7210	Legshield top spacing sleeve	1
8	B31 B33	42-7211	Legshield top cross tube adaptor stud	1
9	B31 B33	42-7212	Legshield front down tube clamp eye bolt	2
10	B31 B33	42-7208	Legshield support tube complete (top)	2
11	B31 B33	2-522	Legshield front down tube bolt washer (spring)	4
12	B31 B33	2-46	Legshield front down tube bolt nut	4
13	B31 B33	2-2138	Legshield front down tube bolt washer (plain)	4
14	B31 B33	42-7206	Legshield (offside)	1
15	B31 B33	66-7353	Legshield support tube clip	8
16	B31 B33	27-5684	Crankcase and engine plate stud (existing)	1

Plate 33

LEGSHIELDS
B31 B33 Rigid and Spring

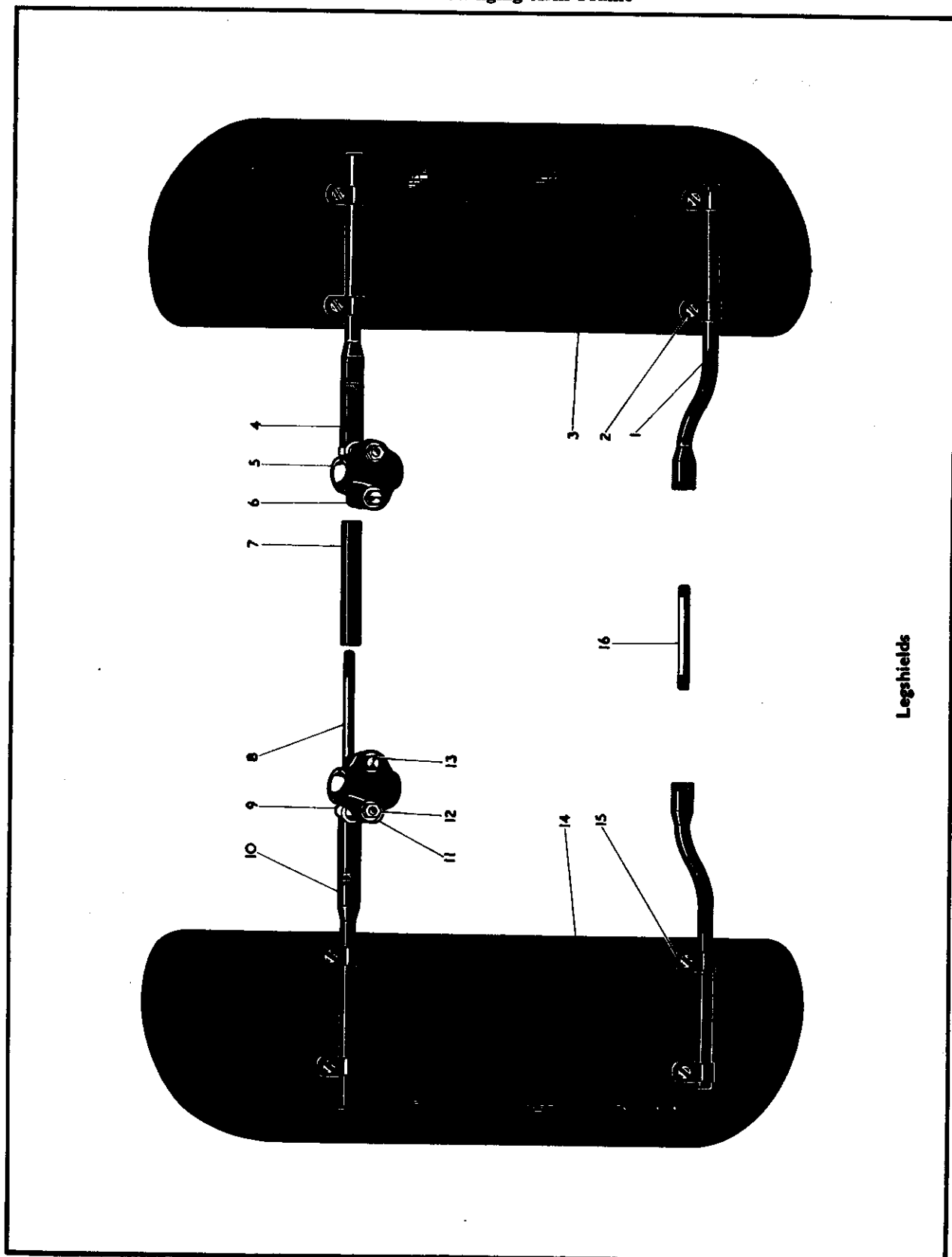


Legshields

Plate 34

LEGSHIELDS

B31 B33 Swinging Arm Frame



Legshields

Tools and
Equipment

Plate 35

TOOLS & SUNDRIES

B Group

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1 ...	B Group	28-4265	Grease gun ...	1
2 ...	B Group	65-9130	Tappet feelers (set) ...	1
3 ...	B Group	15-832	Box spanner ...	1
4 ...	B Group	29-9255	Front hub spanner ...	1
5 ...	B Group	65-9132	Tappet spanner ...	1
6 ...	B Group	29-9251	Magdyno spanner ...	1
7 ...	B Group	65-9133	Tappet adjusting spanner ...	1
8 ...	B Group (swinging arm)	42-9080	Damper unit adjusting spanner ...	1
9 ...	B Group (swinging arm) (competition rigid models)	42-9031	Petrol tank fixing bolt spanner ...	1
10 ...	B Group	65-9205	Toolbag ...	1
11 ...	B31 B33 (rigid and spring)	65-9170	Pillion seat ...	1
12 ...	B31 B33 (rigid and spring)	2-2395	Pillion seat bolt ...	1
13 ...	B31 B33 (rigid and spring)	2-1462	Pillion seat bolt washer (spring) ...	4
14 ...	B31 B33 (rigid and spring)	15-7161	Pillion seat bolt nut ...	4
15 ...	B Group	65-9115	Box spanner (small) ...	4
16 ...	B Group	42-9026	Inflator ...	1
17 ...	B Group	29-9254	Combination spanner ...	1
18 ...	B31 (rigid and spring)	65-9266	Front brake cover nut spanner ...	1
19 ...	B Group	29-9253	Tommy bar ...	1
20 ...	B Group	65-9246	Combined spanner ...	1
21 ...	B Group	66-9132	Sparking plug spanner ...	1
22 ...	B Group	29-9252	Tyre lever ...	1
23 ...	B Group	65-9243	Front fork top nut and gland spanner ...	1
24 ...	B Group	65-9240	Valve grinding tool ...	1
25 ...	B Group	1-3051	B.S.A. double ended spanner ...	1
...	B31 B33 (rigid)	65-9204	Toolbag complete with tools ...	1
...	B31 B33 (spring)	65-9277	Toolbag complete with tools ...	1
...	B32 B34 (competition)			
...	B Group (swinging arm)	42-9090	Toolbag complete with tools ...	1

Plate 36

ELECTRICAL EQUIPMENT

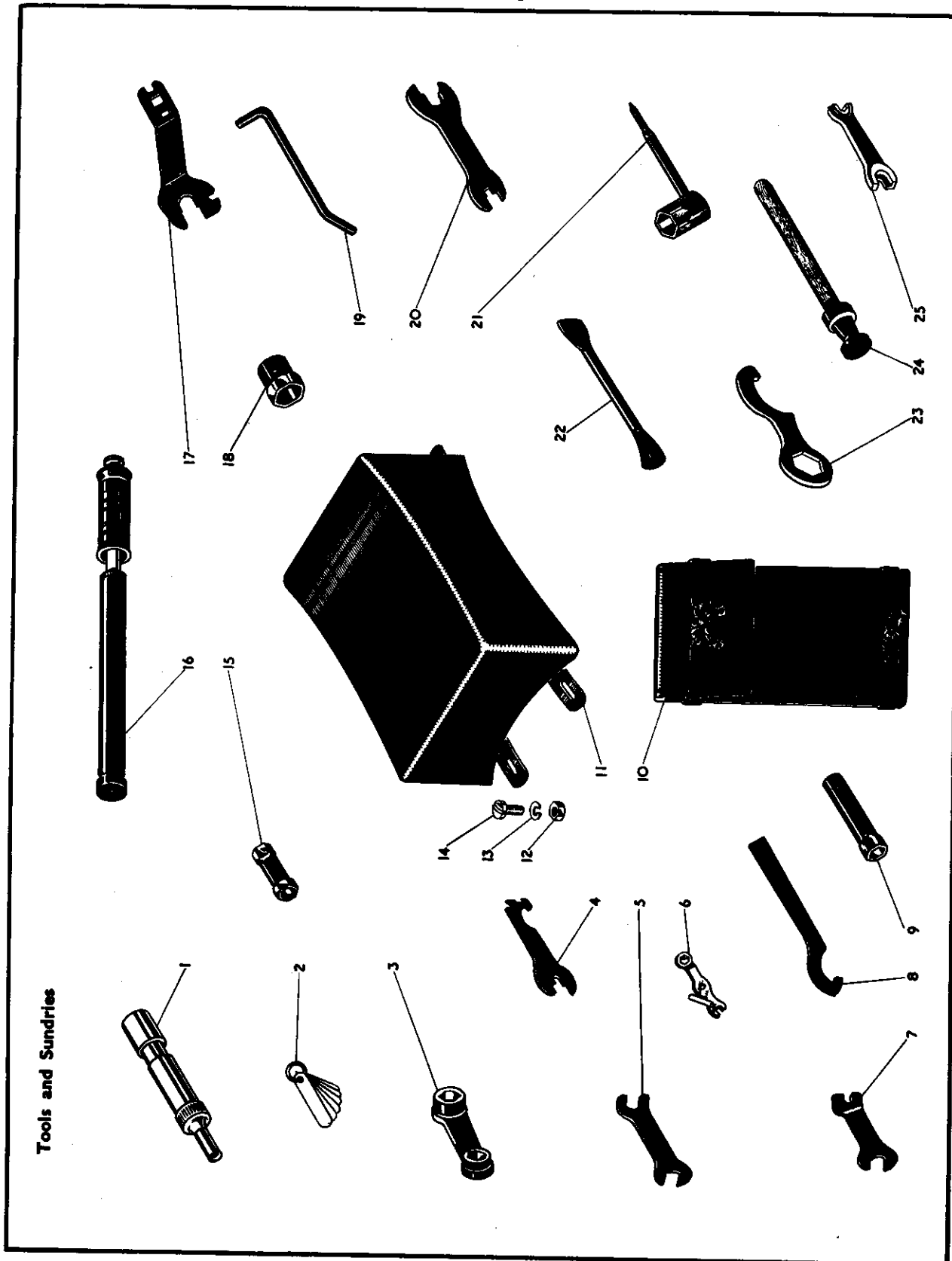
B Group

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
1 ...	B31 B33 (rigid and spring)	2-1588	Stop lamp switch clip screw nut ...	1
2 ...	B31 B33 (rigid and spring)	29-3319	Stop lamp switch clip screw washer (shakeproof) ...	1
3 ...	B31 B33 (rigid and spring)	65-9228	Stop lamp switch clip ...	1
4 ...	B31 B33 (rigid and spring)	65-5912	Stop lamp switch clip screw ...	1
5 ...	B31 B33 (rigid and spring)	65-9231	Stop lamp operating spring ...	1
6 ...	B31 B33 (rigid and spring)	19-1106	Stop lamp switch ...	1
7 ...	B31 B33 (rigid and spring)	29-9342	Stop lamp switch plate ...	1
8 ...	B31 B33 (rigid and spring)	2-1309	Stop and tail lamp switch screw ...	2
9 ...	B31 B33 (rigid and spring)	29-3319	Stop and tail lamp switch screw washer ...	2
10 ...	B31 B33 (rigid and spring)	2-47	Stop and tail lamp switch screw nut ...	2
11 ...	B31 B33 (rigid and spring)	3-1399	Switch plate bolt (when pillion footrests are not fitted) ...	1
12 ...	B31 B33 (rigid and spring)	2-861	Switch plate bolt washer (plain) (when pillion footrests are not fitted) ...	1
13 ...	B31 B33 (rigid and spring)	2-449	Switch plate bolt nut (when pillion footrests are not fitted) ...	1
14 ...	B31 B33 (rigid and spring)	19-1011	Stop and tail lamp ...	1
14 ...	B31 B33 (rigid and spring)	19-1100	Stop and tail lamp (1954) ...	1
15 ...	B31 B33 (swinging arm)			
16 ...	B31 B33 (rigid and spring)	2-14	Voltage control support bolt (mudguard fixing) ...	2
17 ...	B31 B33 (rigid and spring)	2-1374	Voltage control support bolt washer (plain) (mudguard fixing) ...	2
18 ...	B31 B33 (rigid and spring)	24-8784	Voltage control support bolt washer (spring) (mudguard fixing) ...	2
18 ...	B31 B33 (rigid and spring)	2-2395	Voltage control support bolt nut (mudguard fixing) ...	2

Plate 35

TOOLS and SUNDRIES

B Group



Tools and Sundries

Plate 36—continued

ELECTRICAL EQUIPMENT

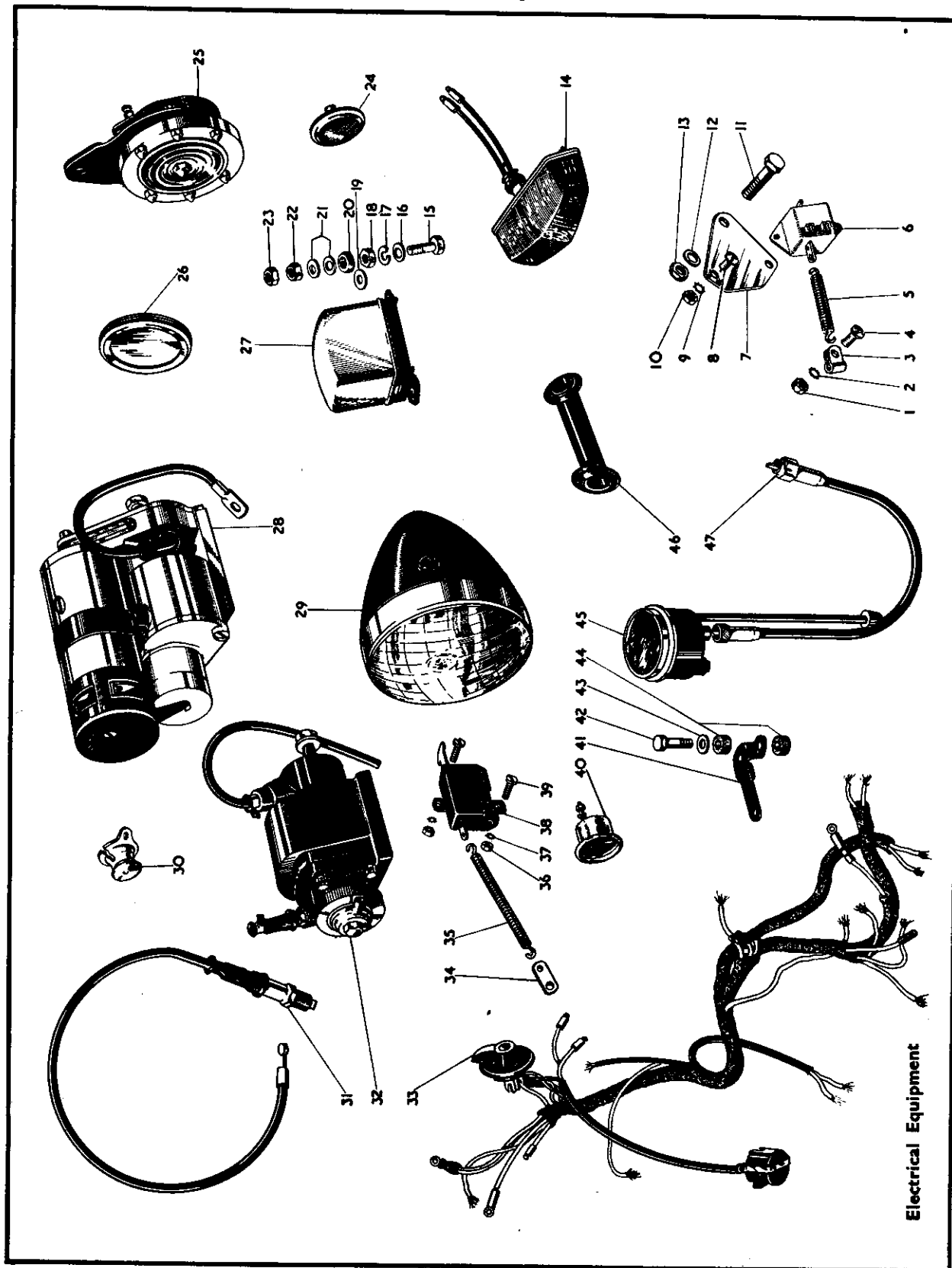
B Group

Plate Ref. Number.	Models.	Part No.	Description.	Number per set.
19	B31 B33 (rigid and spring)	27-8560	Voltage control support bolt washer (plain) (mudguard fixing) ...	2
20	B31 B33 (rigid and spring)	15-7383	Voltage control support bolt washer (rubber) (mudguard fixing) ...	2
21	B31 B33 (rigid and spring)	27-8560	Voltage control support bolt washer (plain) (mudguard fixing) ...	4
22	B31 B33 (rigid and spring)	2-2395	Voltage control support bolt nut (mudguard fixing) ...	2
23	B Group (swinging arm)	2-1354	Voltage control support bolt (toolbox fixing) ...	2
23	B Group (swinging arm)	25-7180	Voltage control support bolt washer (toolbox fixing) ...	2
23	B Group (swinging arm)	2-2395	Voltage control support bolt nut (toolbox fixing) ...	2
24	B Group	67-9069	Rear reflector (1955) ...	1
24	B Group	67-9067	Rear reflector (1954) ...	1
25	B31 B33 (rigid)	19-2022	Electric horn (1954) ...	1
25	B31 B33 (spring)	42-9046	Electric horn (1955) ...	1
	B Group (swinging arm)			
26	B Group	29-9221	Licence holder ...	1
27	B Group	19-1515	Voltage control ...	1
28	B Group	19-1201	Magdyno (1954) ...	1
28	B Group	19-1212	Magdyno (1955) ...	1
29	B Group	19-511	Headlamp (underslung pilot light) (1954) ...	1
29	B Group	19-528	Headlamp (pilot light in reflector) (1955) ...	1
30	B Group	19-2012	Horn push ...	1
31	B32 B34 (competition)	65-9267	Speedometer cable ...	1
32	B32 B34 (competition)	19-1204	Racing magneto ...	1
33	B31 B33 (rigid and spring)	19-660	Cable harness and dipper switch ...	1
33	B Group (swinging arm)	19-690	Cable harness and dipper switch ...	1
34	B Group (swinging arm)	42-9027	Stop lamp switch operating link ...	1
35	B Group (swinging arm)	65-9235	Stop lamp switch operating spring ...	1
36	B Group (swinging arm)	2-47	Stop lamp switch screw nut ...	2
37	B Group (swinging arm)	29-3319	Stop lamp switch screw washer (shakeproof) ...	2
38	B Group (swinging arm)	19-1114	Stop lamp switch ...	1
39	B Group (swinging arm)	2-1309	Stop lamp switch screw ...	2
40	B31 B33 (rigid and spring)	19-649	Ammeter ...	1
	B Group (swinging arm)			
41	B32 B34 (competition)	65-9111	Speedometer bracket ...	1
42	B32 B34 (competition)	65-9179	Speedometer bracket bolt ...	2
43	B32 B34 (competition)	27-8560	Speedometer bracket bolt washer ...	2
44	B32 B34 (competition)	15-7383	Speedometer mounting bracket rubber ...	4
45	B31 (rigid and spring)	19-2103	Speedometer (80 m.p.h.) (1954) ...	1
45	B31 (rigid and spring)	19-2117	Speedometer (140 k.p.h.) (1954) ...	1
45	B31 (rigid and spring)	19-2109	Speedometer (120 m.p.h.) (1955) ...	1
45	B31 (rigid and spring)	19-2121	Speedometer (180 k.p.h.) (1955) ...	1
45	B31 (swinging arm)	19-2108	Speedometer (80 m.p.h.) (1954) ...	1
45	B31 (swinging arm)	19-2111	Speedometer (120 m.p.h.) (1955) ...	1
45	B31 (swinging arm)	19-2118	Speedometer (140 k.p.h.) (1954) ...	1
45	B31 (swinging arm)	19-2122	Speedometer (180 k.p.h.) (1955) ...	1
45	B32 (swinging arm)	19-2108	Speedometer (80 m.p.h.) ...	1
45	B32 (swinging arm)	19-2118	Speedometer (140 k.p.h.) ...	1
45	B33 (swinging arm)	19-2111	Speedometer (120 m.p.h.) ...	1
45	B34 (swinging arm)	19-2122	Speedometer (180 k.p.h.) ...	1
45	B32 B34 (competition rigid)	19-2106	Speedometer (120 m.p.h.) ...	1
45	B32 B34 (competition rigid)	19-2120	Speedometer (180 m.p.h.) ...	1
46	B31 B33 (rigid and spring)	19-2126	Speedometer cable rubber grommet ...	1
	B Group (swinging arm)			
47	B31 B33 (rigid and spring)	29-9326	Speedometer cable ...	1
47	B Group (swinging arm)	67-9057	Speedometer cable ...	1
—	B31 B33 (rigid and spring)	19-1552	Battery ...	1
	B Group (swinging arm)			

Plate 36

ELECTRICAL EQUIPMENT

B Group



Electrical Equipment

ENGINE AND FRAME NUMBERS 1954

Model	Engine No.	Rigid Frame No.	Spring Frame No.
B31 350 c.c. O.H.V.	BB31-6001 upwards	BB31-1386 upwards	BB31S-5895 upwards
B33 500 c.c. O.H.V.	BB33-2001 upwards	BB31-1386 upwards	BB31S-5895 upwards
B32 350 c.c. O.H.V. (Comp.)	BB32A-201 upwards	BB32R-121 upwards	
B34 500 c.c. O.H.V. (Comp.)	BB34A-201 upwards	BB32R-121 upwards	

SWINGING ARM FRAME 1954

Model	Engine No.	Swinging Arm Frame No.
B31 350 c.c. O.H.V.	BB31-6001 upwards	CB31-101 upwards
B33 500 c.c. O.H.V.	BB33-2001 upwards	CB31-101 upwards
B32 350 c.c. O.H.V. (Comp.)	BB32A-201 upwards	CB31-101 upwards
B34 500 c.c. O.H.V. (Comp.)	BB34A-201 upwards	CB31-101 upwards

ENGINE AND FRAME MARKINGS 1955
PLUNGER AND COMPETITION RIGID FRAMES

Model	Engine No.	Frame No.
B31 (Plunger)	BB31-15001 upwards	BB31S-12001 upwards
B33 (Plunger)	BB33-5001 upwards	BB31S-12001 upwards
B32 (Rigid Comp.)	BB32A-251 upwards	BB32A-201 upwards
B34 (Rigid Comp.)	BB34A-301 upwards	BB32A-201 upwards

ENGINE AND FRAME MARKINGS 1955
SWINGING ARM FRAME

Model	Engine No.	Frame No.
B31 (Swinging Arm)	BB31-15001 upwards	CB31-6001 upwards
B33 (Swinging Arm)	BB33-15001 upwards	CB31-6001 upwards

CARBURETTORS 1954

MESSRS. AMALGAMATED CARBURETTORS LTD., PERRY BARR, BIRMINGHAM.

Model	Part No.	Type	Choke Size (inches)	Main Jet Number	Throttle Valve Number	Needle Position	Needle Jet	Engine End Size (inches)
B31	19-2324	276GC/1AT	1	150	6/4	3	.1065	1 $\frac{1}{8}$
B32	19-2324	276GC/1AT	1	150	6/4	3	.1065	1 $\frac{1}{8}$
B33	19-2325	289W/1AT	1 $\frac{1}{8}$	200*	29/4	3	.1065	1 $\frac{1}{8}$
B34	19-2325	289W/1AT	1 $\frac{1}{8}$	200*	29/4	3	.1065	1 $\frac{1}{8}$

*No. 170 Jet when Air Cleaner is fitted.

CARBURETTORS 1955

Model	Part No.	Type	Choke Size (inches)	Main Jet Number	Throttle Valve Number	Needle Position	Needle Jet	Engine End Size (inches)
B31 Plunger Frame	19-2324	276GC/1AT	1	150	6/4	3	.1065	1 $\frac{1}{8}$
B33 Plunger Frame	19-2325	289W/1AT	1 $\frac{1}{8}$	*200	29/4	3	.1065	1 $\frac{1}{8}$
B32 Competition	19-2324	276GC/1AT	1	150	6/4	3	.1065	1 $\frac{1}{8}$
B34 Competition	19-2325	289W/1AT	1 $\frac{1}{8}$	*200	29/4	3	.1065	1 $\frac{1}{8}$
B31 Swinging Arm	65-900	376/2	1	260	376/3 $\frac{1}{2}$	2	.1065	1
B33 Swinging Arm	65-904	389/3	1 $\frac{1}{8}$	260	376/3 $\frac{1}{2}$	3	.1065	1 $\frac{1}{8}$

*No. 170 Jet when Air Cleaner is fitted.

PISTONS 1954

Model	Comp. Ratio	Pistons Complete			Compression Ring			Scraper Ring		
		Standard	$\frac{1}{8}$ mm. O.S.	1 mm. O.S.	Standard	$\frac{1}{8}$ mm. O.S.	1 mm. O.S.	Standard	$\frac{1}{8}$ mm. O.S.	1 mm. O.S.
B31	6.5 to 1	65-809	65-811	65-813	65-744 (2)	65-745 (2)	65-746 (2)	65-735	65-736	65-737
B32	6.5 to 1	65-1679	65-1764	65-1765	65-744 (2)	65-745 (2)	65-746 (2)	65-735	65-736	65-737
B33	6.5 to 1	65-1692	65-1694	65-1696	65-1250 (2)	65-1251 (2)	65-1252 (2)	65-1253	65-1254	65-1255
B33	7.5 to 1	65-1660	65-1662	65-1664	65-1250 (2)	65-1251 (2)	65-1252 (2)	65-1253	65-1254	65-1255
B34	6.8 to 1	65-1244	65-1260	65-1262	65-1250 (2)	65-1251 (2)	65-1252 (2)	65-1253	65-1254	65-1255
B34	7.5 to 1	65-1264	65-1266	65-1268	65-1250 (2)	65-1251 (2)	65-1252 (2)	65-1253	65-1254	65-1255

PISTONS 1955

Model	Comp. Ratio	Pistons Complete			Compression Ring			Scraper Ring		
		Standard	$\frac{1}{8}$ mm. O.S.	1 mm. O.S.	Standard	$\frac{1}{8}$ mm. O.S.	1 mm. O.S.	Standard	$\frac{1}{8}$ mm. O.S.	1 mm. O.S.
B31	6.5	65-809	65-811	65-813	65-744 (2)	65-745 (2)	65-746 (2)	65-735	65-736	65-737
B31	7.5	65-754	65-755	65-756	65-744 (2)	65-745 (2)	65-746 (2)	65-490	65-491	65-492
B33	6.5	65-1692	65-1694	65-1696	65-1250 (2)	65-1251 (2)	65-1252 (2)	65-1253	65-1254	65-1255
B33	7.5	65-1660	65-1662	65-1664	65-1250 (2)	65-1251 (2)	65-1252 (2)	65-1253	65-1254	65-1255
B32	6.5	65-1679	65-1764	65-1765	65-744 (2)	65-745 (2)	65-746 (2)	65-735	65-736	65-737
B34	6.8	65-1244	65-1260	65-1262	65-1250 (2)	65-1251 (2)	65-1252 (2)	65-1253	65-1254	65-1255
B34	7.5	65-1264	65-1266	65-1268	65-1250 (2)	65-1251 (2)	65-1252 (2)	65-1253	65-1254	65-1255

STANDARD BOLTS. All Bolts are C.E.I. unless otherwise stated

Part No.	Length under Head.	Thickness of Head.	Length of Thread.	Across Flats.	Diameter.
2-14	1 1/32"	3/16"	13/16"	.440" Hex.	1/4"
2-204	1/2"	3/16"	1/2"	.440" Hex.	1/4"
2-220	3/8"	3/16"	3/8"	.440" Hex.	1/4"
2-1354	.641"	.187"	.641"	.440" Hex.	1/4"
2-1402	7/8"	1/8"	3/8"	.440" Hex.	1/4"
2-2273	7/16"	5/32"	3/8"	.440" Hex.	1/4"
24-225	.750"	.187"	3/8"	.440" Hex.	1/4"
1-5069	.625"	.187"	3/8"	.440" Hex.	1/4"
2-129	.750"	.250"	.625"	.525" Hex.	5/16"
2-1934	.750"	.156"	.625"	.440" Hex.	5/16"
2-6026	1.187"	.156"	.625"	.440" Hex.	5/16"
15-480	1.109"	.250"	.781"	.525" Hex.	5/16"
15-1355	1.500"	.218"	.625"	.525" Hex.	5/16"
15-7354	.625"	.156"	.625"	.440" Hex.	5/16"
27-6311	.750"	.125"	.625"	.440" Hex.	5/16"
28-2338	.718"	.218"	.687"	.525" Hex.	5/16"
24-649	.877"	.187"	.877"	.594" Hex.	5/16"
65-4185	2.687"	.250"	.750"	.504" Hex.	3/8"

All Bolts are C.E.I. (Screwdriver slotted) unless otherwise stated

Part No.	Length under Head.	Thickness of Head.	Length of Thread.	Across Head.	Diameter.
1-4806	.500"	.125"	.500"	.312"	3/16"
2-360	.406"	.078"	.406"	.312"	3/16"
2-498	.312"	.062"	.312"	.312"	3/16" Whit.
2-1309	.343"	.125"	.343"	.250"	3/16"
2-2582	.343"	.062"	.250"	.312"	3/16" Whit.
24-7065	.250"	.062"	.312"	.375"	1/4"
2-77	.312"	.109"	.500"	.375"	1/4"
2-79	.500"	.093"	.375"	.375"	1/4"
2-510	.656"	.109"	.562"	.375"	1/4"
2-1500	.687"	.109"	.666"	.375"	1/4"
2-2210	.718"	.125"	.312"	.500"	1/4"
2-2378	.656"	.93"	.625"	.562"	5/16"
15-7161	.500"				
2-2980	1.25"				

STANDARD NUTS. All Nuts are C.E.I. unless otherwise stated

Part No.	Across Flats.	Thickness.	Size.	Part No.	Across Flats.	Thickness.	Size.
1-4616	.340" Hex.	.162"	3/16"	2-1813	.594" Hex.	.218"	3/8"
2-47	.312" Hex.	.140"	3/16"	3-720	.594" Hex.	.187"	3/8"
2-1588	.255" Hex.	.110"	3/16"	24-5161	.594" Hex.	.343"	3/8"
15-8147	.340" Hex.	.125"	3/16"	24-5784	.782" Hex.	.312"	3/8"
25-7151	.340" Hex.	.187"	3/16"	2-440	.594" Hex.	.312"	3/8"
1-6032	.340" Hex.	3/16"	1/4"	2-933	.525" Hex.	.375"	7/16"
2-51	.440" Hex.	.250"	1/4"	2-1925	.782" Hex.	.375"	7/16"
2-53	.440" Hex.	.109"	1/4" Whit.	15-152	.592" Hex.	.406"	7/16"
2 443	.440" Hex.	.109"	1/4"	15-541	.782" Hex.	.281"	7/16"
2-1027	.340" Hex.	1/8"	1/4"	24-5860	.594" Hex.	.187"	7/16"
2-2395	.440" Hex.	.187"	1/4"	25-4325	.919" Hex.	.540"	7/16"
2-49	.525" Hex.	.218"	5/16"	2-52	.919" Hex.	.406"	1/2"
2-833	.440" Hex.	.343"	5/16"	2-124	.782" Hex.	.203"	1/2"
2-1616	.440" Hex.	.125"	5/16"	24-7000	.782" Hex.	.250"	1/2"
15-5196	.525" Hex.	.281"	5/16"	27-6716	.782" Hex.	.187"	1/2"
15-6524	.525" Hex.	.175"	5/16"	2-835	.919" Hex.	.375"	9/16"
24-563	.440" Hex.	.187"	5/16"	15-1455	.782" Hex.	.218"	9/16"
24-6040	.525" Hex.	.156"	5/16"	24-4255	.919" Hex.	.187"	9/16"
1-1706	.594" Hex.	.250"	3/8"	28-53	.782" Hex.	.344"	9/16"
2-46	.594" Hex.	.312"	3/8"				

STANDARD WASHERS (Plain)

Part No.	Outside Dia.	Inside Dia.	Thickness.	Part No.	Outside Dia.	Inside Dia.	Thickness.
1-1804	680"	385"	072"	2-2580	500"	275"	064"
2-130	687"	380"	080"	3-3525	562"	218"	048"
2-370	625"	317"	156"	15-39	843"	505"	064"
2-525	500"	255"	048"	15-431	750"	442"	064"
2-861	750"	380"	081"	15-5155	525"	328"	048"
2-923	625"	317"	062"	24-594	937"	505"	092"
2-1096	375"	192"	044"	24-7911	875"	380"	156"
2-1291	750"	522"	080"	25-7180	... 1.00"	281"	048"
2-1374	656"	255"	080"	26-9461	562"	203"	048"
2-1945	875"	442"	064"	27-5676	... 1.00"	380"	092"
2-2138	380"	750"	064"	27-8560	625"	255"	048"

STANDARD WASHERS (Spring)

Part No.	Outer Dia.	Inside Dia.	Thickness.	Part No.	Outer Dia.	Inside Dia.	Thickness.
2-522	750"	390"	056"	15-716	937"	453"	064"
2-995	656"	380"	040" double	24-978	437"	255"	040"
2-1462	593"	255"	040"	24-6035	593"	317"	040" double
2-1967	875"	440"	064"	27-6043	750"	437"	046" double
2-2903	562"	406"	062"	24-8784	625"	315"	040"
3-110	441"	281"	080"	35-33	500"	343"	080"
3-111	614"	406"	104"				

STANDARD WASHERS (Shakeproof)

Part No.	Outer Diameter.	Inside Diameter.	Part No.	Outer Diameter.	Inside Diameter.
29-541	... 1/2"	... 1/4"	36-399	... 11/16"	... 3/8"
29-3319	... 3/8"	... 3/16"	65-595	... 7/8"	... 1/2"
36-341	... 9/16"	... 5/16"	66-4707	... 11/16"	... 3/8"
36-382	... 9/16"	... 5/16"	66-4708	... 3/4"	... 7/16"

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2-522	91	14	31
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2-923	85	20	30
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27-8560	76	115	26
27-8560	79	38	28
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27-8560	93	—	34
27-8560	98	19	36
27-8560	98	21	36
27-8560	98	43	36
28-43	24	110	5
28-243	13	37	2
28-243	21	108	4
28-243	28	63	6
28-243	29	100	6
28-2080	22	6	5
28-2080	29	104	6
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28-2080	36	21	9
28-2080	38	49	10
28-2080	40	39	11
28-2080	42	76	11
28-2080	42	19	12
28-2080	44	62	12
28-2080	45	2	13
28-2080	55	39	18
28-2080	77	49	27
28-2338	36	53	9
28-2338	38	13	10
28-2338	40	33	11
28-2338	44	82	12
28-2338	49	39	15
28-2338	51	26	16
28-2338	66	34	24
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28-2338	88	79	30
28-2338	89	107	30
28-4265	96	1	35
29-410	10	42	1
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29-541	10	54	1
29-541	12	90	1
29-541	15	84	2
29-541	18	70	3
29-541	18	88	3
29-541	19	60	4
29-541	29	123	6
29-541	36	16	9
29-541	66	5	24
29-541	68	—	24
29-541	69	87	24
29-541	69	95	24
29-541	74	5	26
29-541	74	67	26
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29-541	80	120	28
29-541	87	—	30
29-541	88	95	30
29-565	18	58	3
29-905	13	9	2
29-905	19	18	4
29-2158	10	9	1
29-2158	18	74	3
29-3242	21	2	5
29-3250	21	1	5
29-3250	25	24	6
29-3304	24	111	5
29-3319	31	7	7
29-3319	40	35	11
29-3319	42	15	12
29-3319	42	24	12
29-3319	96	2	36
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29-3319	98	37	36
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29-3449	27	57	6
29-3832	34	30	8
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29-3860	25	11	6
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29-4661	21	112	4
29-4661	72	63	25
29-4662	13	27	2
29-4662	21	110	4
29-4662	72	62	25
29-4664	72	66	25
29-4665	72	64	25
29-4840	37	71	9
29-5156	29	120	6
29-5283	47	12	14
29-5283	49	52	15
29-5283	51	36	16
29-5289	47	33	14
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29-5289	79	60	28
29-5289	87	39	30
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29-5310	49	9	15
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29-5338	51	35	16	31-8430	10	44	1
29-5346	47	6	14	31-8430	15	110	2
29-5347	47	14	14	31-8430	16	32	3
29-5347	49	50	15	31-8430	19	13	4
29-5347	51	43	16	32-194	55	25	18
29-5710	57	28	19	32-194	79	24	28
29-5710	57	38	19	33-4089	36	19	9
29-5715	57	30	19	33-4089	80	122	28
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29-5905	57	36	19	35-33	70	12	25
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29-7365	73	74	25	35-33	82	17	29
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29-7368	77	2	27	35-698	62	8	22
29-7368	82	1	29	35-701	10	28	1
29-7551	36	1	9	35-701	16	21	3
29-7551	45	12	13	35-701	53	5	18
29-7560	44	76	12	35-701	55	15	18
29-7561	44	74	12	35-702	22	10	5
29-7561	36	56	9	35-705	24	76	5
29-7564	37	58	9	35-705	27	28	6
29-7564	44	75	12	35-705	60	41	21
29-7581	36	56	9	35-709	27	37	6
29-7581	44	74	12	35-710	40	24	11
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29-8810	82	34	29	36-382	36	52	9
29-8820	72	51	25	36-382	36	55	9
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29-8820	82	49	29	36-382	38	12	10
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29-9251	96	6	35	36-382	44	84	12
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29-9253	96	19	35	36-382	47	32	14
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29-9255	96	4	35	36-382	49	34	15
29-9326	98	47	36	36-382	49	41	15
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30-196	77	53	27	36-382	55	23	18
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30-660	70	22	25	36-382	64	28	23
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42-48	12	76	1
42-48	18	84	3
42-50	12	92	1
42-50	18	89	3
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42-4066	44	42	12
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42-4078	40	40	11
42-4078	42	20	12
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42-4574	44	25	12
42-4583	44	61	12
42-4586	44	28	12
42-4587	44	27	12
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42-4713	40	3	11
42-4714	40	2	11
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42-4904	91	5	31
42-4905	91	8	31
42-4906	91	4	31
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42-4907	91	11	31
42-4910	91	12	31
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42-5010	51	5	16
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42-6030	62	46	22	42-8010	82	35	29
42-6033	62	44	22	42-8011	77	16	27
42-6034	62	10	22	42-8011	82	36	29
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42-6046	62	50	22	42-8020	82	54	29
42-6051	60	45	21	48-8034	72	57	25
42-6503	84	13	30	42-8034	82	53	29
42-6505	74	30	26	42-8037	77	8	27
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42-6759	79	57	28	42-8051	77	46	27
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42-6761	88	80	30	42-8052	84	70	29
42-6762	88	80	30	42-8053/36...	82	39	29
42-6763	45	17	13	42-8055	77	14	27
42-6782	80	108	28	42-8058	84	69	29
42-6782	88	87	30	42-8060	84	90	29
42-6783	74	56	26	42-8076	84	90	29
42-6783	74	83	26	42-8326	79	66	28
42-6783	80	110	28	42-8326	87	43	30
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42-6809	76	73	26	42-8331	79	63	28
42-6811	76	87	26	42-8331	80	71	28
42-6813	76	79	26	42-8331	87	42	30
42-6820	80	113	28	42-8331	87	48	30
42-6822	80	96	28	42-8334	79	49	28
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42-6832	88	74	30	42-8339	79	62	28
42-6841	80	112	28	42-8339	82	12	29
42-6846	88	71	30	42-8339	87	41	30
42-6848	88	71	30	42-8340	79	65	28
42-6851	87	64	30	42-8340	87	56	30
42-6853	79	56	28	42-8341	74	49	26
42-6856	80	112	28	42-8341	74	50	26
42-6858	80	96	28	42-8341	79	67	28
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42-6865	80	111	28	42-8341	87	44	30
42-6920	91	21	31	42-8341	87	50	30
42-7003	84	84	29	42-8342	79	41	28
42-7007	82	5	29	42-8342	87	38	30
42-7012	84	87	29	42-8343	79	50	28
42-7017	77	48	27	42-8343	85	34	30
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42-7022	77	43	27	42-8345	87	57	30
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42-7207	93	3	34	42-8362	74	46	26
42-7208	93	10	34	42-8367	79	44	28
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42-7211	93	8	34	42-8372	76	98	26
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42-9061	82	15	29
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42-9065	88	98	30
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65-110	64	18	23
65-114	10	40	1
65-209	10	41	1
65-292	79	2	28
65-292	82	7	29
65-292	85	2	30
65-311	10	58	1
65-311	16	50	3
65-317	10	38	1
65-317	16	31	3
65-387	10	31	1
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65-479	13	59	2
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65-692	13	16	2
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65-1259	16	43	3
65-1264	18	77	3
65-1278	12	80	1
65-1332	21	76	4
65-1339	16	55	3
65-1366	16	47	3
65-1397	21	99	4
65-1403	18	65	3
65-1413	18	66	3
65-1423	21	81	4
65-1425	21	82	4
65-1433	18	57A	3
65-1503	15	1	3
65-1506	16	48	3
65-1513	10	48	1
65-1514	10	18	1
65-1515	10	48	1
65-1516	10	18	1
65-1519	12	75	1
65-1519	16	40	3
65-1544	12	76	1
65-1580	18	63	3
65-1582	18	68	3
65-1587	15	3	3
65-1588	16	49	3
65-1589	16	13	3

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65-1592	16	7	3
65-1595	16	41	3
65-1596	16	9	3
65-1597	16	41	3
65-1598	16	9	3
65-1601	15	1	3
65-1606	18	63	3
65-1609	18	65	3
65-1613	12	77	1
65-1624	16	45	3
65-1625	16	11	3
65-1626	16	11	3
65-1626	16	45	3
65-1627	16	10	3
65-1627	16	44	3
65-1628	16	44	3
65-1629	16	10	3
65-1640	18	81	3
65-1650	18	67	3
65-1651	18	67	3
65-1652	18	67	3
65-1653	18	67	3
65-1660	12	80	1
65-1679	18	77	3
65-1692	12	80	1
65-1700	10	56	1
65-1703	10	1	1
65-1704	10	56	1
65-1707	10	1	1
65-1740	13	38	2
65-1742	13	35	2
65-1749	15	2	3
65-1752	16	39	3
65-1753	16	8	3
65-1756	15	2	3
65-1759	16	39	3
65-1760	16	8	3
65-2045	13	54	2
65-2045	21	95	4
65-2060	66	17	24
65-2060	66	26	24
65-2060	68	62	24
65-2060	74	12	26
65-2060	76	96	26
65-2143	12	6	2
65-2143	19	6	4
65-2157	12	5	2
65-2157	19	5	4
65-2157	24	84	5
65-2157	27	43	6
65-2165	15	107	2
65-2165	19	9	4
65-2166	15	109	2
65-2166	19	7	4
65-2168	15	104	2
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65-2171	15	106	2
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65-2188	12	4	2
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65-2240	13	55	2
65-2240	21	96	4
65-2252	13	34	2
65-2252	21	69	4
65-2316	15	66	2
65-2316	19	29	4
65-2334	15	82	2
65-2334	19	28	4
65-2335	15	80	2
65-2335	19	58	4
65-2336	15	93	2

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65-2352	72	60	25
65-2353	13	24	2
65-2353	21	83	4
65-2353	73	69	25
65-2420	13	14	2
65-2420	15	94	2
65-2420	19	51	4
65-2420	19	52	4
65-2425	15	81	2
65-2425	19	54	4
65-2426	13	15	2
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65-2430	21	88	4
65-2431	21	89	4
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65-2523	13	50	2
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65-2529	13	51	2
65-2530	13	51	2
65-2536	21	88	4
65-2537	13	49	2
65-2538	21	88	4
65-2539	13	50	2
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65-2540	13	51	2
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65-2596	15	72	2
65-2596	19	38	4
65-2598	15	70	2
65-2598	19	42	4
65-2599	15	73	2
65-2599	19	37	4
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65-2622	15	102	2
65-2622	19	31	4
65-2623	15	88	2
65-2623	19	62	4
65-2625	15	74	2
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65-2687	10	16	1
65-2754	66	1	24
65-2780	64	53	23
65-2890	12	88	1
65-2890	18	85	3
65-3061	27	27	6
65-3062	22	63	5
65-3063	33	3	8
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65-3364	22	3	5
65-3364	31	5	7
65-3364	34	36	8
65-3365	22	4	5
65-3367	24	121	5
65-3375	24	123	5
65-3375	28	81	6
65-3377	24	120	5
65-3377	28	79	6
65-3380	25	23	6
65-3381	22	22	5
65-3381	29	115	6
65-3383	22	16	5
65-3390	24	124	5
65-3390	28	82	6
65-3391	24	126	5
65-3391	28	84	6
65-3392	24	125	5
65-3392	28	83	6
65-3397	22	8	5
65-3397	29	116	6
65-3399	25	137	5
65-3400	24	86	5
65-3403	22	13	5
65-3403	27	30	6
65-3417	22	17	5
65-3427	29	118	6
65-3428	29	121	6
65-3506	24	81	5
65-3508	24	112	5
65-3509	24	113	5
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65-3873	31	26	7
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65-3922	33	27	8
65-3938	31	—	7
65-3938	31	—	8
65-3940	22	50	5
65-4182	40	10	11
65-4182	40	55	11
65-4182	42	72	11
65-4182	42	1	12
65-4182	44	40	12
65-4185	45	19	13
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65-4429	36	44	9
65-4431	36	45	9
65-4488	36	23	9
65-4499	36	18	9
65-4511	37	61	9
65-4516	37	76	9
65-4517	37	81	9
65-4519	36	40	9
65-4526	38	33	10
65-4618	76	74	26
65-4654	36	18	9
65-4667	72	—	25
65-4668	72	65	25
65-4727	37	70	9
65-4727	40	1	11
65-4727	45	3	13
65-4728	37	72	9
65-4735	37	65	9
65-4735	38	9	10
65-4739	37	68	9
65-4741	37	64	9
65-4741	38	8	10
65-4742	37	66	9
65-4742	38	10	10
65-4742	40	25	11
65-4742	45	88	12
65-4743	38	11	10
65-4755	37	69	9
65-4795	91	4	32
65-4797	91	5	32
65-4798	91	3	32
65-4811	37	79	9
65-4811	42	87	11
65-4811	45	42	13
65-4890	36	37	9
65-4891	36	2	9
65-4894	37	67	9
65-4895	37	57	9
65-4895	37	67	9
65-4928	37	—	9
65-4960	72	41	25
65-4960	77	30	27
65-4960	82	42	29
65-5087	47	48	14
65-5111	62	47	22
65-5126	47	27	14
65-5126	49	29	15
65-5126	51	16	16
65-5127	47	29	14
65-5127	49	31	15
65-5127	51	18	16
65-5295	47	1	14
65-5295	49	1	15
65-5295	51	45	16
65-5327	47	41	14
65-5328	47	40	14
65-5328	49	44	15
65-5328	51	25	16
65-5331	49	20	15
65-5331	51	6	16
65-5331	47	23	14
65-5332	47	24	14
65-5332	49	21	15
65-5332	51	7	16
65-5333	47	17	14
65-5333	49	46	15
65-5333	51	13	16
65-5334	47	19	14
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65-5390	51	38	16
65-5408	47	5	14
65-5408	49	5	15
65-5408	51	47	16
65-5410	47	49	14
65-5410	49	45	15
65-5410	51	44	16
65-5420	47	49	14
65-5420	51	50	16
65-5424	49	6	15
65-5424	51	39	16
65-5426	49	14	15
65-5431	47	25	14
65-5432	47	—	14
65-5433	47	—	14
65-5435	47	33	14
65-5435	51	33	16
65-5443	47	—	14
65-5444	47	—	14
65-5445	47	22A	14
65-5445	51	8A	16
65-5448	47	25	14
65-5537	53	1	17
65-5670	57	27	19
65-5670	57	39	19
65-5674	53	37	17
65-5674	57	11	19
65-5674	58	16	20
65-5674	60	4	21
65-5674	62	4	22
65-5670	53	—	17
65-5672	53	1	17
65-5676	53	12	17
65-5683	53	10	17
65-5683	53	15	17
65-5683	53	7	18
65-5683	55	13	18
65-5683	58	28	20
65-5683	58	33	20
65-5683	60	9	21
65-5683	60	20	21
65-5683	60	31	21
65-5683	62	14	22
65-5683	62	25	22
65-5683	62	36	22
65-5684	58	43	20
65-5684	53	14	17
65-5684	60	30	21
65-5684	62	35	22
65-5685	53	16	17
65-5685	60	14	21
65-5685	62	19	22
65-5686	53	8	17
65-5686	60	22	21
65-5686	62	27	22
65-5687	53	9	17
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65-5688	53	7	17
65-5689	53	11	17
65-5690	53	6	17
65-5690	60	24	21
65-5690	62	29	22
65-5691	53	17	17
65-5692	53	4	17
65-5693	53	5	17
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65-5695	53	25	17
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65-5899	58	51	20
65-5901	53	24	17
65-5901	57	16	19
65-5901	58	19	20
65-5901	60	38	21
65-5901	62	43	22
65-5903	53	23	17
65-5903	57	18	19
65-5903	58	20	20
65-5903	60	7	21
65-5903	62	12	22
65-5904	53	38	17
65-5904	55	19	18
65-5904	57	19	19
65-5904	58	50	20
65-5904	60	37	21
65-5904	62	42	22
65-5905	53	39	17
65-5905	57	13	19
65-5905	58	18	20
65-5905	60	5	21
65-5907	53	34	17
65-5907	55	38	18
65-5910	53	18	17
65-5912	96	4	36
65-5915	53	—	17
65-5916	53	20	17
65-5929	53	3	17
65-6027	57	32	19
65-6136	57	24	19
65-6136	57	41	19
65-6161	57	33	19
65-6263	57	14	19
65-6274	57	5	19
65-6274	58	9	20
65-6274	70	2	25
65-6274	77	1	27
65-6274	82	2	29
65-6276	57	12	19
65-6279	60	49	21
65-6279	57	10	19
65-6279	58	8	20
65-6285	57	—	19
65-6289	57	22	19
65-6294	58	47	20
65-6300	58	—	20
65-6302	58	39	20
65-6303	58	31	20
65-6576	68	49	24
65-6576	79	39	28
65-6576	85	30	30
65-6605	68	50	24
65-6606	64	16	23
65-6606	66	42	24
65-6606	82	61	29
65-6607	66	32	24
65-6608	66	29	24
65-6612	74	19	26
65-6612	74	22	26
65-6612	85	16	30
65-6612	85	19	30
65-6615	49	54	15
65-6616	49	53	15
65-6617	49	25	15
65-6740	64	48	23
65-6742	68	71	24
65-6770	68	72	24
65-6819	74	59	26
65-6837	69	91	24
65-6839	69	84	24
65-6839	69	90	24
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65-7062	57	42	19
65-7063	38	15	10
65-7071	58	1	20
65-7071	70	6	25
65-7286	93	13	33
65-7287	93	14	33
65-7550	31	33	7
65-7550	34	41	8
65-7578	31	31	7
65-7584	31	1	7
65-7594	31	1	7
65-7715	66	10	24
65-7720	64	8	23
65-8032	70	24	25
65-8038	70	20	25
65-8153	73	72	25
65-8170	77	45A	27
65-8171	77	12	27
65-8172	77	13	27
65-8175	77	45A	27
65-8205	72	58	25
65-8205	84	72	29
65-8206	72	58	25
65-8206	84	72	29
65-8216	73	71	25
65-8216	84	73	29
65-8218	73	70	25
65-8219	73	70	25
65-8220	82	56	29
65-8220	72	55	25
65-8222	72	53	25
65-8317	72	54	25
65-8317	82	57	29
65-8326	72	52	25
65-8420	66	28	24
65-8420	74	14	26
65-8421	68	60	24
65-8421	74	16	26
65-8422	66	16	24
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65-8422	68	61	24
65-8422	68	69	24
65-8422	74	11	26
65-8422	74	13	26
65-8422	76	95	26
65-8422	76	97	26
65-8424	68	59	24
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65-8461	66	15	24
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65-8479	68	54	24
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65-8500	68	55	24
65-8500	74	38	26
65-8500	79	42	28
65-8500	87	37	30
65-8501	70	34	25
65-8501	77	28	27
65-8501	82	33	29
65-8502	72	47	25
65-8502	77	37	27
65-8502	82	48	29
65-8503	70	25	25
65-8503	77	20	27
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65-8504	82	25	29
65-8505	70	31	25
65-8505	77	25	27
65-8505	82	30	29
65-8506	70	32	25
65-8506	77	26	27
65-8506	82	31	29
65-8675	72	40	25
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65-8675	82	41	29
65-8680	72	48	25
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65-8680	82	52	29
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65-8832	72	43	25
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65-8832	82	44	29
65-8836	72	42	25
65-8836	77	34	27
65-8836	82	43	29
65-9080	66	8	24
65-9085	66	6	24
65-9100	68	77	24
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65-9115	96	15	35
65-9130	96	2	35
65-9132	96	5	35
65-9133	96	7	35
65-9170	96	11	35
65-9179	98	42	36
65-9191	57	20	19
65-9196	36	10	9
65-9198	36	17	9
65-9204	96	—	35
65-9205	96	10	35
65-9217	42	81	11
65-9228	96	3	36
65-9231	96	5	36
65-9235	98	35	36
65-9236	70	17	25
65-9240	96	24	35
65-9243	96	23	35
65-9246	96	20	35
65-9254	72	36	25
65-9266	96	18	35
65-9267	98	31	36
65-9277	96	—	35
66-92	10	2	1
66-102	10	39	1
66-102	18	56	3
66-115	10	10	1
66-134	18	66	3
66-482	12	77	1
66-482	18	81	3
66-492	12	78	1
66-492	18	80	3
66-506	12	86	1
66-506	18	82	3
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66-545	21	101	4
66-629	13	44	2
66-629	21	105	4
66-630	13	43	2
66-630	21	104	4
66-660	13	54A	2
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66-953	18	78	3
66-954	12	79	1
66-954	12	83	1
66-954	18	79	3
66-1367	10	59	1
66-1379	10	6	1
66-1431	10	35	1
66-1431	16	28	3
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66-1683	21	70	4
66-1684	12	2	2
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66-1706	13	47	2
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66-1707	13	52	2
66-1707	21	103	4
66-1708	13	52	2
66-1708	21	102	4
66-1717	21	117	4
66-1910	22	45	5
66-1920	12	7	2
66-1920	19	47	4
66-1923	13	10	2
66-1923	19	15	4
66-1936	10	8	1
66-1936	18	73	3
66-1937	10	7	1
66-1937	18	72	3
66-2007	13	11	2
66-2007	19	14	4
66-2008	13	12	2
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66-2010	45	23	13
66-2250	15	90	2
66-2250	19	25	4
66-2313	21	118	4
66-2320	13	25	2
66-2321	13	23	2
66-2620	15	67	2
66-2620	19	44	4
66-2810	36	22	9
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66-3067	22	50	5
66-3069	24	83	5
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66-3071	24	101	5
66-3072	24	100	5
66-3074	24	87	5
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66-3080	22	53	5
66-3081	22	55	5
66-3083	24	133	5
66-3084	24	135	5
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66-3128	24	99	5
66-3131	22	62	5
66-3132	24	91	5
66-3133	24	90	5
66-3140	21	—	5
66-3141	24	82	5
66-3155	24	109	5
66-3156	24	108	5
66-3209	24	97	5
66-3211	24	98	5
66-3212	24	105	5
66-3214	24	94	5
66-3214	24	104	5
66-3215	24	95	5
66-3259	22	54	5
66-3288	24	—	5
66-3290	24	131	5
66-3290	24	134	5
66-3291	24	132	5
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66-3781	31	11	7
66-3787	31	13	7
66-3787	34	34	8
66-3800	31	10	7
66-3800	33	5	8
66-3891	31	21	7
66-3891	33	11	8
66-3902	31	—	7
66-3902	31	—	8
66-3903	31	16	7
66-3903	34	32	8
66-3906	31	16	7
66-3906	34	32	8
66-3908	31	23	7
66-3908	33	27	8
66-4149	36	11	9
66-4149	40	37	11
66-4149	42	17	12
66-4163	36	47	9
66-4163	91	7	32
66-4168	37	78	9
66-4169	37	83	9
66-4175	36	41	9
66-4603	58	53	20
66-4647	36	28	9
66-4707	29	119	6
66-4707	38	3	10
66-4707	38	31	10
66-4707	38	39	10
66-4707	42	22	12
66-4707	45	34	13
66-4707	72	38	25
66-4707	84	86	29
66-4708	53	30	17
66-4708	55	36	18
66-4708	57	8	19
66-4708	58	13	20
66-4708	60	2	21
66-4708	62	2	22
66-4900	37	80	9
66-4902	36	38	9
66-4903	36	39	9
66-5204	47	26	14
66-5204	49	28	15
66-5204	51	15	16
66-5556	53	9	18
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66-7517	31	3	7
66-7518	31	34	7
66-7518	31	39	7
66-7518	66	41	24
66-7520	31	40	7
66-7520	33	25	8
66-7523	31	41	7
66-7523	33	15	8
66-7575	31	30	7
66-7575	34	39	8
66-8089	70	21	25
66-8332	15	108	2
66-8332	19	8	4
66-8332	66	20	24
66-8332	66	24	24
66-8332	74	10	26
66-8332	76	93	26
66-8338	16	46	3
66-8340	66	13	24
66-8348	64	19	23
66-8513	72	50	25
66-8513	82	50	29
66-8810	72	46	25
66-8810	77	36	27
66-8810	82	47	29
66-8896	72	44	25
66-8896	77	32	27
66-8896	82	45	29
66-9132	96	21	35
66-9162	62	13	22
66-9202	68	77	24
67-42	31	4	7
67-42	34	35	8
67-42	68	56	24
67-42	74	39	26
67-42	79	43	28
67-42	87	36	30
67-985	16	55A	3
67-1025	77	5	27
67-1135	13	48	2
67-1135	21	89	4
67-1136	13	47	2
67-1136	21	90	4
67-1705	29	103	6
67-1706	31	1	8
67-1709	33	2	8
67-1711	33	1	8
67-2694	18	85	3
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67-3024	29	110	6
67-3026	25	1	6
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67-3033	29	109	6
67-3034	29	106	6
67-3053	27	56	6
67-3067	25	2	6
67-3073	25	4	6
67-3080	25	6	6
67-3088	28	78	6
67-3093	29	94	6
67-3099	29	96	6
67-3101	25	12	6
67-3101	28	71	6
67-3116	27	49	6
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67-3119	28	64	6
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67-3122	28	66	6
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67-3151	28	75	6
67-3152	28	76	6
67-3153	28	86	6
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67-3162	25	18	6
67-3163	25	22	6
67-3164	25	21	6
67-3167	25	20	6
67-3168	25	19	6
67-3169	25	17	6
67-3170	27	42	6
67-3173	28	85	6
67-3174	28	87	6
67-3175	28	80	6
67-3176	29	107	6
67-3178	28	77	6
67-3180	27	32	6
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67-3192	25	5	6
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67-3199	29	93	6
67-3201	25	7	6
67-3202	25	8	6
67-3203	29	92	6
67-3204	28	69	6
67-3210	25	7	6
67-3212	29	90	6
67-3213	29	93	6
67-3230	28	70	6
67-3301	25	7	6
67-3309	25	5	6
67-3313	25	—	6
67-3327	28	68	6
67-3328	27	51	6
67-3329	25	9	6
67-3330	25	—	6
67-3332	27	48	6
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67-3342	27	40	6
67-3344	27	44	6
67-3346	27	46	6
67-3347	27	47	6
67-3350	27	45	6
67-3351	29	101	6
67-3353	27	35	6
67-3354	29	98	6
67-4028	34	41	8
67-4030	44	63	12
67-4030	64	23	23
67-4032	36	51	9
67-4032	38	18	10
67-4032	77	52	27
67-4032	84	88	29
67-4040	36	28	9
67-4040	38	19	10
67-4040	44	73	12
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67-4126	38	7	10
67-4127	38	40	10
67-4128	38	5	10
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67-4129	45	33	13
67-4130	38	30	10
67-4131	38	41	10
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67-5023	47	21	14
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67-5084	47	47	14
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67-5088	47	46	14
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67-5543	55	10	18
67-5544	53	1	18
67-5545	55	11	18
67-5547	55	9	18
67-5555	55	21	18
67-5558	55	42	18
67-5561	53	4	18
67-5562	55	16	18
67-5563	53	6	18
67-5564	55	14	18
67-5565	55	12	18
67-5566	53	3	18
67-5567	55	40	18
67-5571	55	18	18
67-5572	55	41	18
67-5575	55	17	18
67-5576	55	20	18
67-5578	55	24	18
67-5605	53	—	18
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67-6005	58	29	20
67-6005	62	21	22
67-6011	62	—	22
67-6016	60	26	21
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67-6017	60	17	21
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67-6038	62	37	22
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67-6039	60	35	21
67-6039	62	40	22
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67-6051	62	33	22
67-6060	58	46	20
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67-6136	62	24	22
67-6161	60	27	21
67-6161	62	32	22
67-6164	58	44	20
67-6180	58	17	20
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67-6530	82	63	29
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67-6547	64	14	23
67-6547	82	58	29
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67-6557	79	19	28
67-6558	79	16	28
67-6559	79	33	28
67-6560	79	13	28
67-6761	38	28	10
67-6761	64	24	23
67-6772	64	47	23
67-6774	64	31	23
67-6830	69	80	24
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67-6830	87	60	30
67-6839	69	85	24
67-6839	80	84	28
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67-6851	68	78	24
67-6851	80	76	28
67-6851	87	62	30
67-6921	38	24	10
67-7031	58	10	20
67-7031	70	5	25
67-7205	93	4	34
67-8313	80	102	28
67-8610	82	41	29
67-9002	64	38	23
67-9057	98	47	36
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67-9067	96	24	36
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67-9094	70	10	25
67-9094	70	13	25
67-9095	70	16	25
89-3022	58	23	20
89-4041	38	46	10
89-4045	38	47	10
89-4046	38	50	10
89-4049	38	42	10
89-4240	38	51	10
89-4241	38	52	10
89-4248	38	45	10

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89-4258	38	35	10
89-4259	38	36	10
89-5061	49	49	15
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$\frac{1}{4}$ " diam.	36	12	9
$\frac{1}{4}$ " diam.	47	28	14
$\frac{1}{4}$ " diam.	49	30	15
$\frac{1}{4}$ " diam.	51	17	16
$\frac{7}{16}$ " diam.	15	103	2
$\frac{7}{16}$ " diam.	19	30	4