

A.J.S.

Motor Cycles

INSTRUCTION BOOK

FOR

1939

STANDARD, SILVER STREAK,
DE LUXE, COMPETITION
and BIG TWIN MODELS

Supplied free, upon application,
with each new motor cycle.

Replacement Copies 1/6 each.

A.J.S. MOTOR CYCLES

(Proprietors: ASSOCIATED MOTOR CYCLES LIMITED)

PLUMSTEAD, LONDON, S.E.18



Size of Main Jet	All 250 O.H.V. Models ...	120
	All 350 O.H.V. Models ...	150
	All 500 O.H.V. Models ...	180
	Model 9 (500 S.V.)	150
	Models 2, 2A (Big Twin)	130
Size of Choke	All 250 O.H.V. Models ...	5-058
	All 350 O.H.V. Model ...	6-058
	All 500 O.H.V. Models ...	29-068
	Model 9 (500 Side Valve)	6-057
	Models 2, 2A (Big Twin)	6-058
Size of Throttle Slide	All 250 O.H.V. Models...	5x3
	All 350 O.H.V. Models...	6x4
	All 500 O.H.V. Models...	29x4
	Model 9 (500 Side Valve)	6x4
	Models 2, 2A (Big Twin)	6x4
Petrol Tank Capacity	All Models, except 22T,	
	(In gallons) 26T and 18T	3
	Models 22T, 26T, 18T ...	2
Oil Tank Capacity (In pints)	All Models	5
Piston Ring Gap	All Models. Genuine A.J.S. piston rings are "fitted" before despatch from the factory and are ready for fitting to engine.	
Standard Compression Ratio	Model 12	6.33 to 1
	Models 12M, 22, 22T,	
	22SS	7.0 to 1
	All 350 O.H.V. Models	6.6 to 1
	Model 9	5.0 to 1
	All 500 O.H.V. Models	5.9 to 1
Model 2 and 2A ...	5.4 to 1	
High Compression Ratio ...	Models 12M, 22, 22T,	
	22SS	9.0 to 1
	All 350 O.H.V. Models	8.18 to 1
	All 500 O.H.V. Models	7.1 to 1
Ultra High Comp'n. Ratio	Models 12M, 22, 22T,	
	22SS	11.0 to 1
	All 350 O.H.V. Mods.	11.0 to 1

BADGES

Neat monogram badges are now available at a cost of 1/6, plus 6d. postage. They can be supplied as a tie pin, as a brooch or for fitting in a button hole. When ordering state type required.

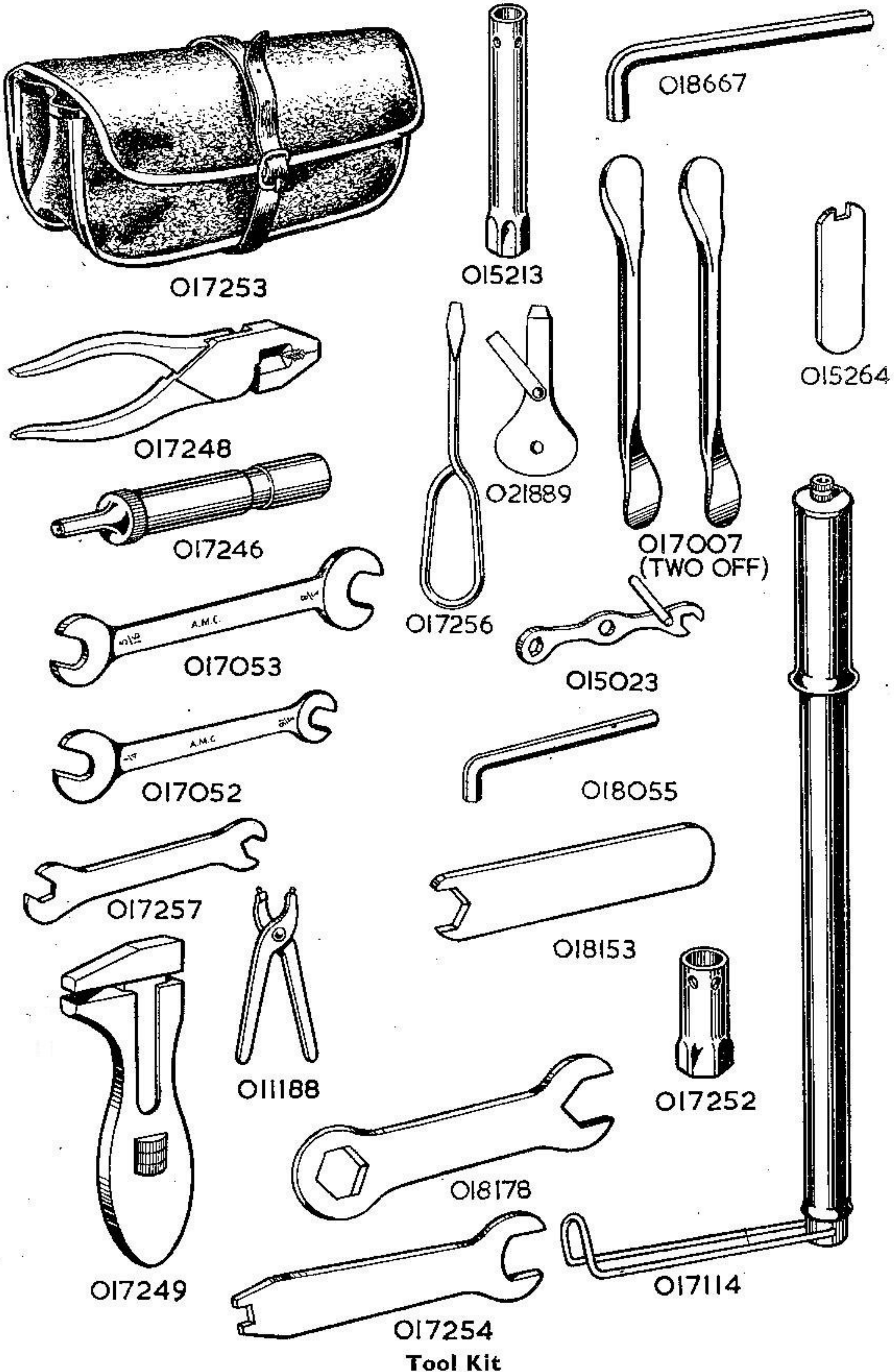
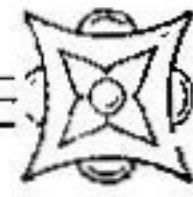


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SPARES AND SERVICE DEPARTMENTS

HOURS OF BUSINESS FOR CALLERS

MONDAYS 8.30 a.m. to 12.55 p.m.
2.0 p.m to 5.30 p.m.

TUESDAYS Ditto

WEDNESDAYS Ditto

THURSDAYS Ditto

FRIDAYS Ditto

NOT OPEN ON NATIONAL HOLIDAYS

Parts sent to us as patterns, or for repair, should have attached to them a label bearing the sender's full name and address. The instructions regarding such parts should be sent under separate cover.

If it is necessary to bring a machine, or parts, to the works for an urgent repair, it is essential you make an appointment beforehand to avoid disappointment. This can be done by letter or telephone.

(169). SERVICE.

The SERVICE AND REPAIR DEPARTMENT is situated in BURRAGE GROVE, PLUMSTEAD, LONDON, S.E.18, and is open on Mondays to Fridays from 9 a.m. to 6 p.m., and on Saturdays from 9 a.m. to 1 p.m. It is closed on Sundays and National Holidays.

Burrage Grove is the first turning on the left from Burrage Road when entering Burrage Road from the Plumstead Road.

The nearest Railway Station is WOOLWICH ARSENAL, SOUTHERN RAILWAY. This Station is five minutes' walk from our Service Station in Burrage Grove. There is an excellent service of Electric Trains from Charing Cross, Waterloo, Cannon Street and London Bridge Stations.

Bus services, 53, 54, 99, 122, 153 and 154. Trolleybus services, 696 and 698, and tram services, 36, 38 and 40 pass the end of Burrage Road (one minute from Service Department).

Visitors from the North can pass into Woolwich via the Free Ferry between North Woolwich and Woolwich. North Woolwich is a L.N.E.R. terminus, and is also served by bus services 15, 25c, 101 and 104. There is also a tunnel under the River Thames at this point for foot passengers. The Free Ferry accommodates all types of motor vehicles, and there is a very frequent service (10 minutes). The Southern landing stage is less than a mile from the Service Department.

Visitors arriving by road, if they are strangers to the locality, should enquire for Beresford Square, Woolwich. Upon arrival there, the road skirting the Royal Arsenal should be followed in an eastward direction for about four hundred yards, and Burrage Road is the second turning on the right after leaving the Square.

LEGAL SECTION.

(170). THE DRIVER AND THE LAW.

The driver of a motor cycle **MUST** be **INSURED** against Third Party Claims and **MUST** be able to produce an **INSURANCE CERTIFICATE** showing that such an insurance is in force.

If your Insurance Certificate specifies you can only drive one particular machine you **MUST NOT DRIVE** any other machine, unless its owner has a current Certificate covering "ANY DRIVER," and it is advisable to remember the penalties for doing so, in the absence of such a provision, are very heavy.

The driver of a motor cycle **MUST** hold a current **DRIVING LICENSE**. If you are a learner, and hold a provisional driving license, your machine must show, front and back, the standard "L" plates, and you must not take a **PILLION PASSENGER** unless that passenger is the holder of a current **UNRESTRICTED** driving license.

As soon as you receive your driving license, sign it in the appropriate place. It is an offence not to. Also make sure you are well acquainted with the recommendations set down in the "HIGHWAY CODE," a copy of which can be obtained at any Post Office.

(171). THE MACHINE AND THE LAW.

All 1939 "A.J.S." Motor Cycles comply with the legal requirements regarding construction and equipment.

Every motor cycle **MUST** be registered and carry the registration numbers and license disc allotted to it.

To register a new machine, you must send to the Local Registration Authority the following: —

- (A) Form "RF 1/2" (duly completed).
- (B) The Certificate of Insurance.
- (C) The appropriate registration fee.
- (D) The Invoice you received from your Dealer when you purchased the motor cycle.

In due course you will receive:—

- (1) A Registration Book.
- (2) A License Disc.
- (3) Your Insurance Certificate.
- (4) Your Invoice.

The Registration Book and the License Disc will bear the Registration Numbers that have been allotted to your machine and will also show the date the Road License expires.

Your Number Plates must bear the Registration Numbers in characters as follows:—

The Front numbers must be $1\frac{3}{4}$ ins. high, $1\frac{1}{4}$ ins. wide and $\frac{5}{16}$ in. thick, with spaces $\frac{1}{2}$ in. wide between each two characters.

The Rear numbers must be $2\frac{1}{2}$ ins. high, $1\frac{3}{4}$ ins. wide and $\frac{3}{8}$ in. thick, with spaces $\frac{1}{2}$ in. wide between each two characters.

There must be a clear margin round each plate of not less than $\frac{1}{2}$ in.

The License Disc must be enclosed in a water tight container and this must be fixed to the machine in a conspicuous position, near the front and on the left hand side.

It is not necessary to carry your Driving License, Insurance Certificate and Registration Book. In the interests of safety we advise drivers to leave these documents at home, because, in the event of the Police requiring to inspect any, or all, you have the right of stating which Police Station you can most conveniently take them for inspection, and you have three clear days in which to do that.

Of course, if you are on holiday, or likely to be away from home for some time and it would be inconvenient to have to return home to get these, it would then be prudent to have them with you.

The dealer from whom a new machine is purchased will always attend to the Registration, and will paint the number plates, if requested to do so.

A speedometer must be fitted and it must be so illuminated that it is possible to read the dial at night.

During official "LIGHTING UP" hours, the machine must exhibit a white light facing forwards, and a red light facing rearwards. Also one of the number plates must be illuminated.

Each electric light bulb MUST be marked with the "Wattage." (Beware of cheap, imported, bulbs that do not have this marking).

All "A.J.S." electric equipment complies with the law as regards position, size of bulbs and the correct illumination of a number plate.

The above are the bare Legal requirements before a new motor cycle is used on a public road. There are dozens of other things a motorist may do and should not do, but, if you comply with the above and also follow out the suggestions given in the "HIGHWAY CODE," there is no reason why you should fall foul of "THE LAW."

(172). **GUARANTEE.**

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

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

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

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

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

Any motor cycle, motor cycle combination or sidecar sent to us to be plated, enamelled or repaired will be repaired upon the following conditions—i.e., we guarantee that all precautions which are usual and reasonable have been taken by us to secure excellence of materials and workmanship, such guarantee to extend and be in force for three months only from the time such work shall have been executed or until the expiration of the six months above referred to, and this guarantee is in lieu and in exclusion of any common law or statute warranty or condition and the damages recoverable are limited to the cost of any further work which may be necessary to amend and make good the work found to be defective.

(173). **CONDITIONS OF GUARANTEE.**

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

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

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

IMPORTANT NOTE.—Any part sent to us for any reason whatsoever must bear distinctly the sender's name and address and instructions or requests relative to parts must be sent separately by letter post.

(174). "MY DATA."

We suggest it is advisable for you to record particulars regarding your own machine. These details may be very helpful when about to order spares or to complete a competition entry form.

MODEL

ENGINE NUMBER

FRAME NUMBER

REGISTRATION NUMBER

BORE

STROKE

CUBIC CAPACITY

SIZE OF FRONT TYRE

SIZE OF REAR TYRE

DATE OF PURCHASE

NAME OF DEALER

ADDRESS OF DEALER

TELEPHONE NUMBER OF DEALER

NAME OF INSURANCE COMPANY

ADDRESS OF INSURANCE COMPANY

NUMBER OF INSURANCE CERTIFICATE

EXPIRY DATE OF INSURANCE

DRIVING LICENSE NUMBER

EXPIRY DATE OF DRIVING LICENSE

DINGLE'S PRINTERS
CATALOGUE SPECIALISTS
PLUMSTEAD S.E. 15.

5000/1-39