

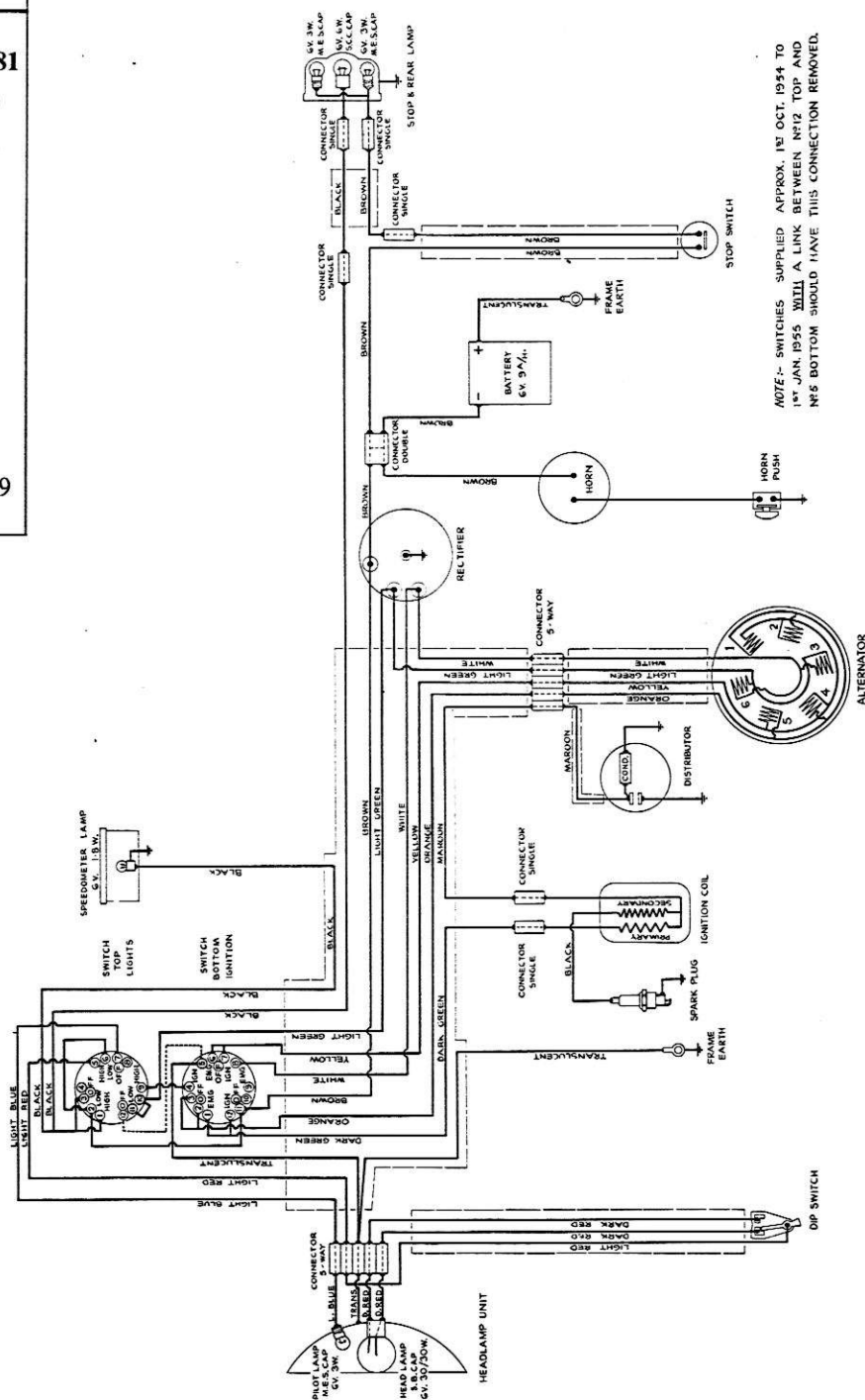
WIRING WIPAC DIAGRAM

ARIEL "Colt" Model L.H.

FROM OCTOBER 1954 TO JULY 1955

THE WIPAC GROUP · BLETCHLEY · ENGLAND

EQUIPMENT	PART No.
Set Complete	G.A.1381
Alternator	04080
6v. Oil Coil	02766
Distributor	04200
Headlamp	03523
Switch & Harness	03761
Dip Switch	06195
Stop & Rear Lamp	02300
Stop Switch	03401
Rectifier	02798
Varley Battery	MC5/9



NOTE :- Switches supplied Approx. 1st Oct. 1954 to 1st Jan. 1955 with a link between No. 12 top and No. 5 bottom should have this connection removed. (Shown dotted).

WIRING WIPAC DIAGRAM

ARIEL model "Colt" L.H.

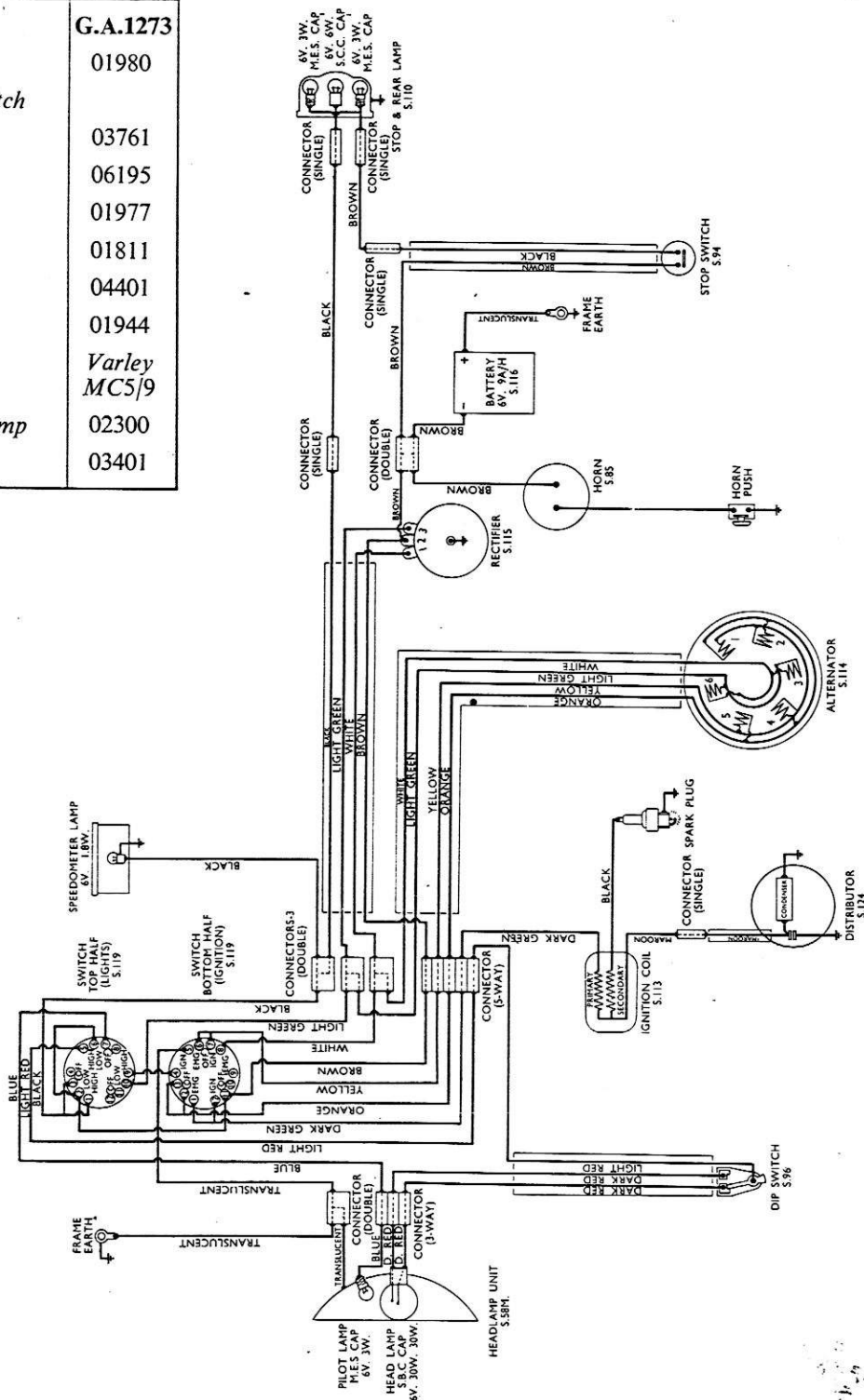
FROM AUGUST 1953 TO MAY 1954

THE WIPAC GROUP · BLETCHLEY · ENGLAND

EQUIPMENT

PART No.

Set Complete	G.A.1273
Headlamp	01980
Headlamp Switch & Harness	03761
Dip Switch	06195
Alternator	01977
Distributor	01811
Rectifier	04401
Coil	01944
Battery	Varley MC5/9
Stop & Tail Lamp	02300
Stop Switch	03401



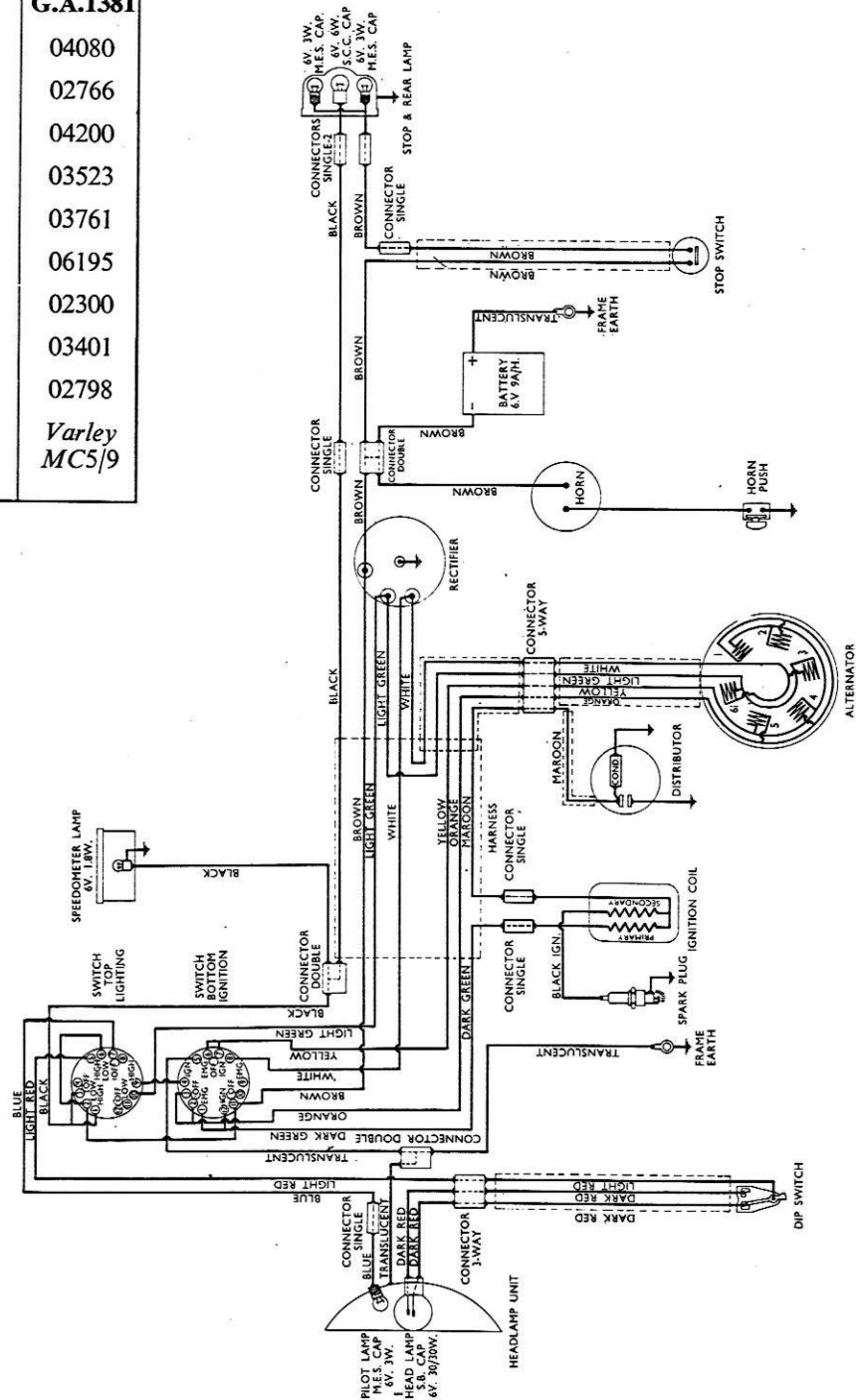
WIRING WIPAC DIAGRAM

ARIEL model "Colt" L.H.

FROM MAY 1954 TO SEPTEMBER 1954

THE WIPAC GROUP · BLETCHLEY · ENGLAND

EQUIPMENT	PART No.
Set Complete	G.A.1381
Alternator	04080
Coil—6V. Ignition	02766
Distributor	04200
Headlamp	03523
Switch & Harness	03761
Dip Switch	06195
Stop & Rear Lamp	02300
Stop Switch	03401
Rectifier	02798
Battery	Varley MC5/9



WIRING WIPAC DIAGRAM

B.S.A. model C.10.L.

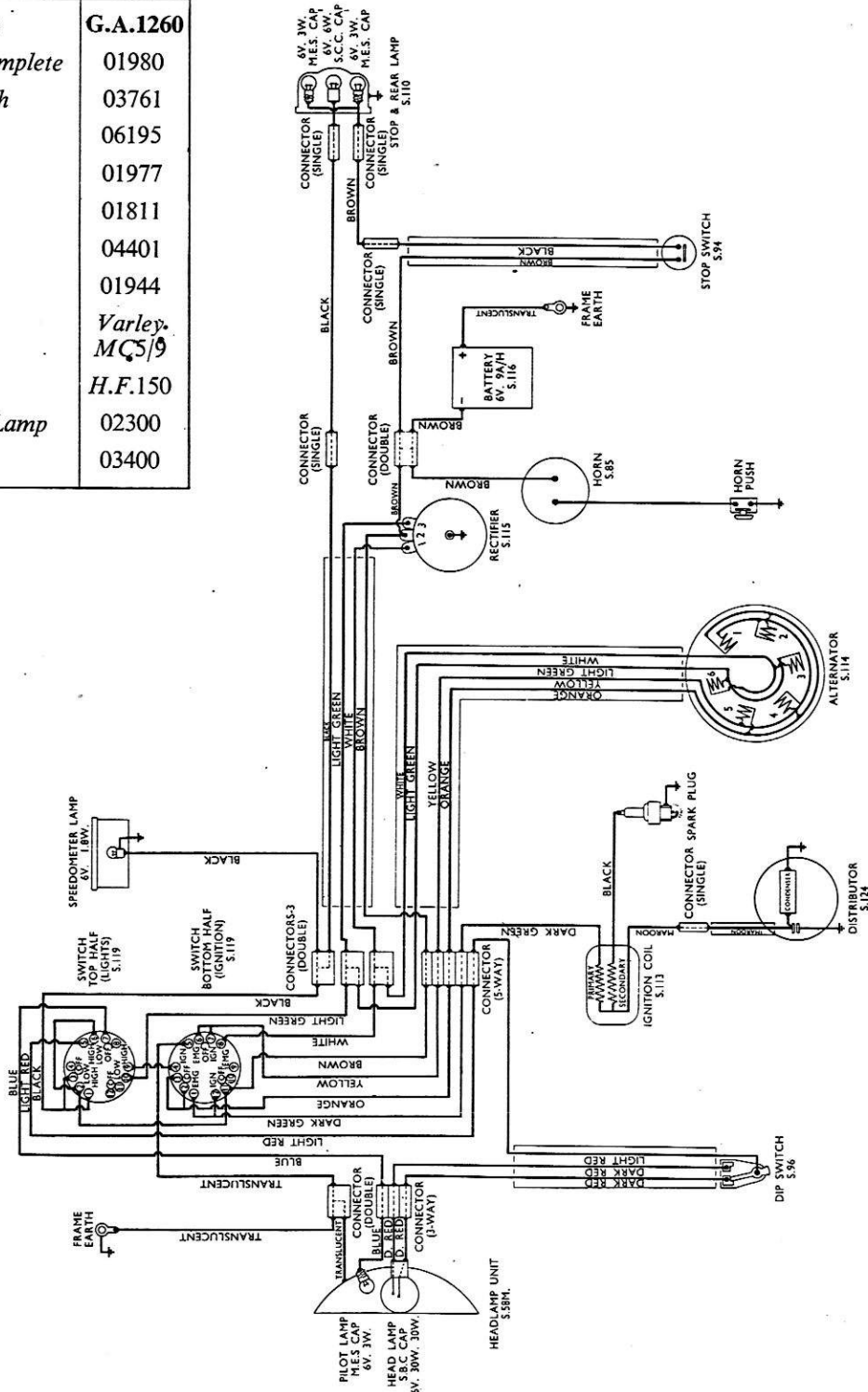
FROM AUGUST 1953 TO AUGUST 1954

EQUIPMENT

PART No.

Set Complete	G.A.1260
Headlamp Complete	01980
Ignition Switch	03761
Dip Switch	06195
Alternator	01977
Distributor	01811
Rectifier	04401
Ignition Coil	01944
Battery	Varley MC5/9
Horn	H.F.150
Stop & Rear Lamp	02300
Stop Switch	03400

THE WIPAC GROUP · BLETCHLEY · ENGLAND

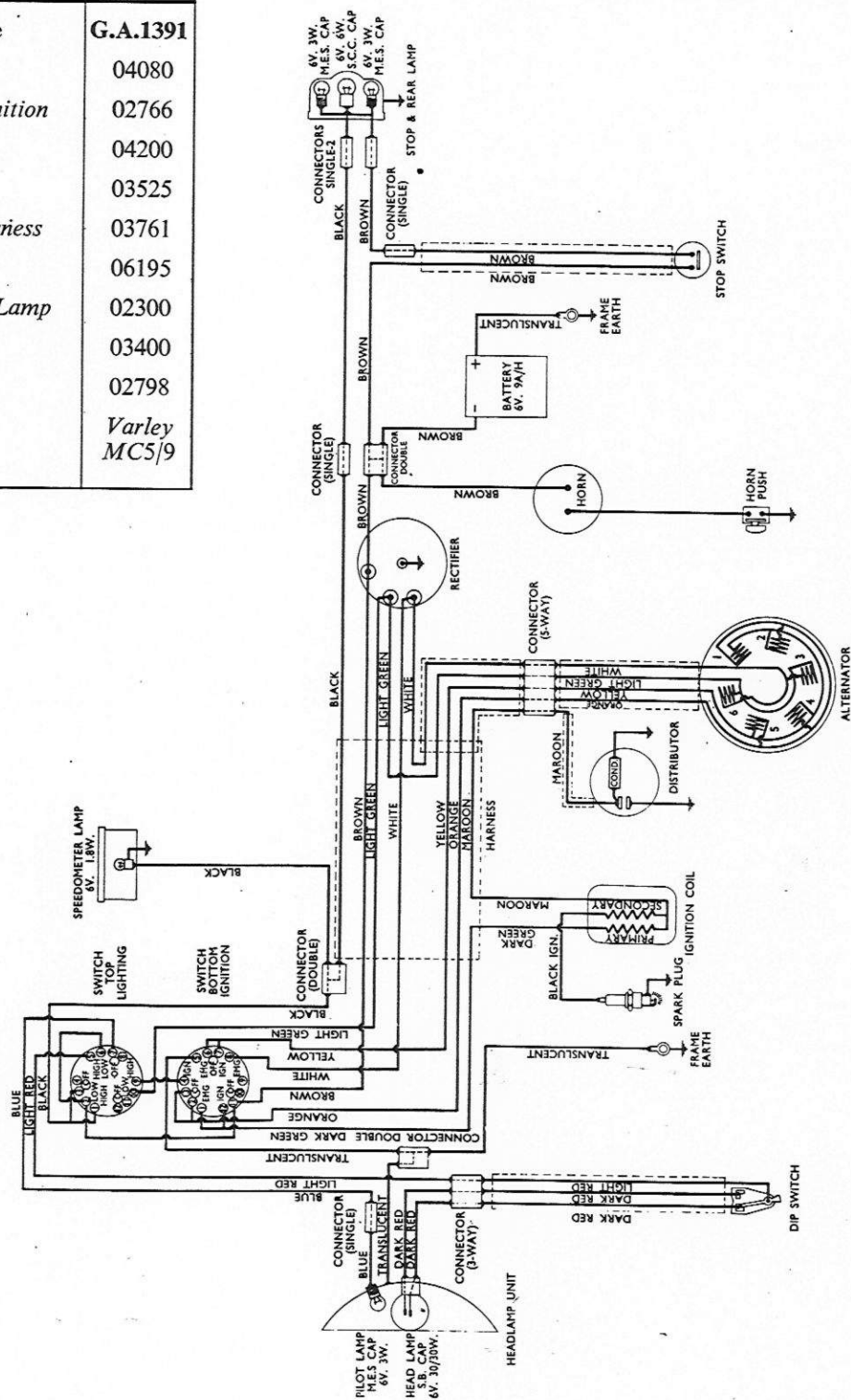


WIRING WIPAC DIAGRAM

B.S.A. model C.10.L. FROM AUGUST 1954 TO SEPTEMBER 1954

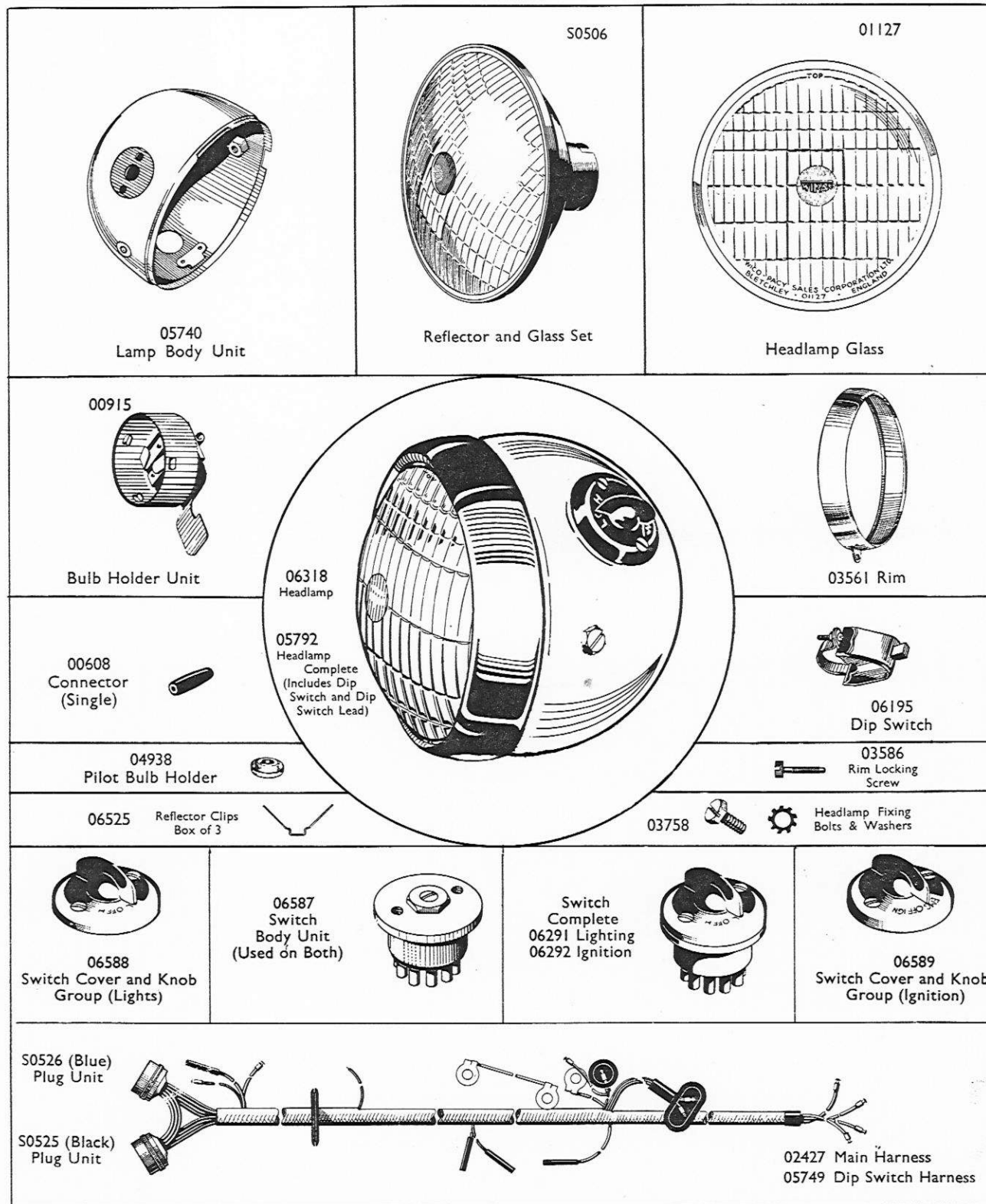
THE WIPAC GROUP · BLETCHLEY · ENGLAND

EQUIPMENT	PART No.
Set Complete	G.A.1391
Alternator	04080
Coil—6V. Ignition	02766
Distributor	04200
Headlamp	03525
Switch & Harriess	03761
Dip Switch	06195
Stop & Rear Lamp	02300
Stop Switch	03400
Rectifier	02798
Battery	Varley MC5/9



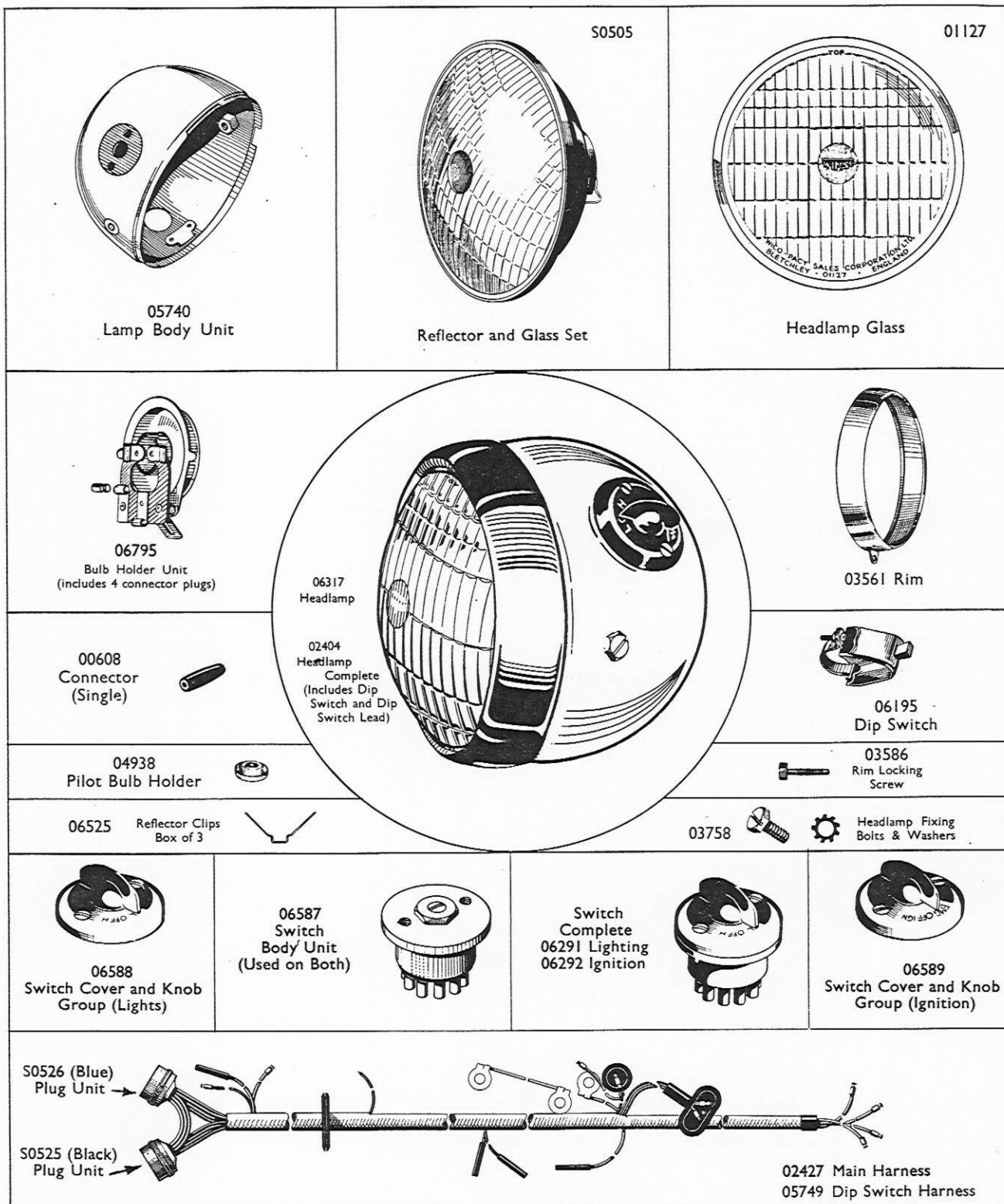
ARIEL "Colt" Model L.H.

MODELS PRODUCED FROM AUGUST 1955 TO JULY 1956



THE WIPAC GROUP - BLETCHLEY - ENGLAND
TELEPHONE: BLETCHLEY 3321 TELEGRAMS: WICOMAGSCO BLETCHLEY

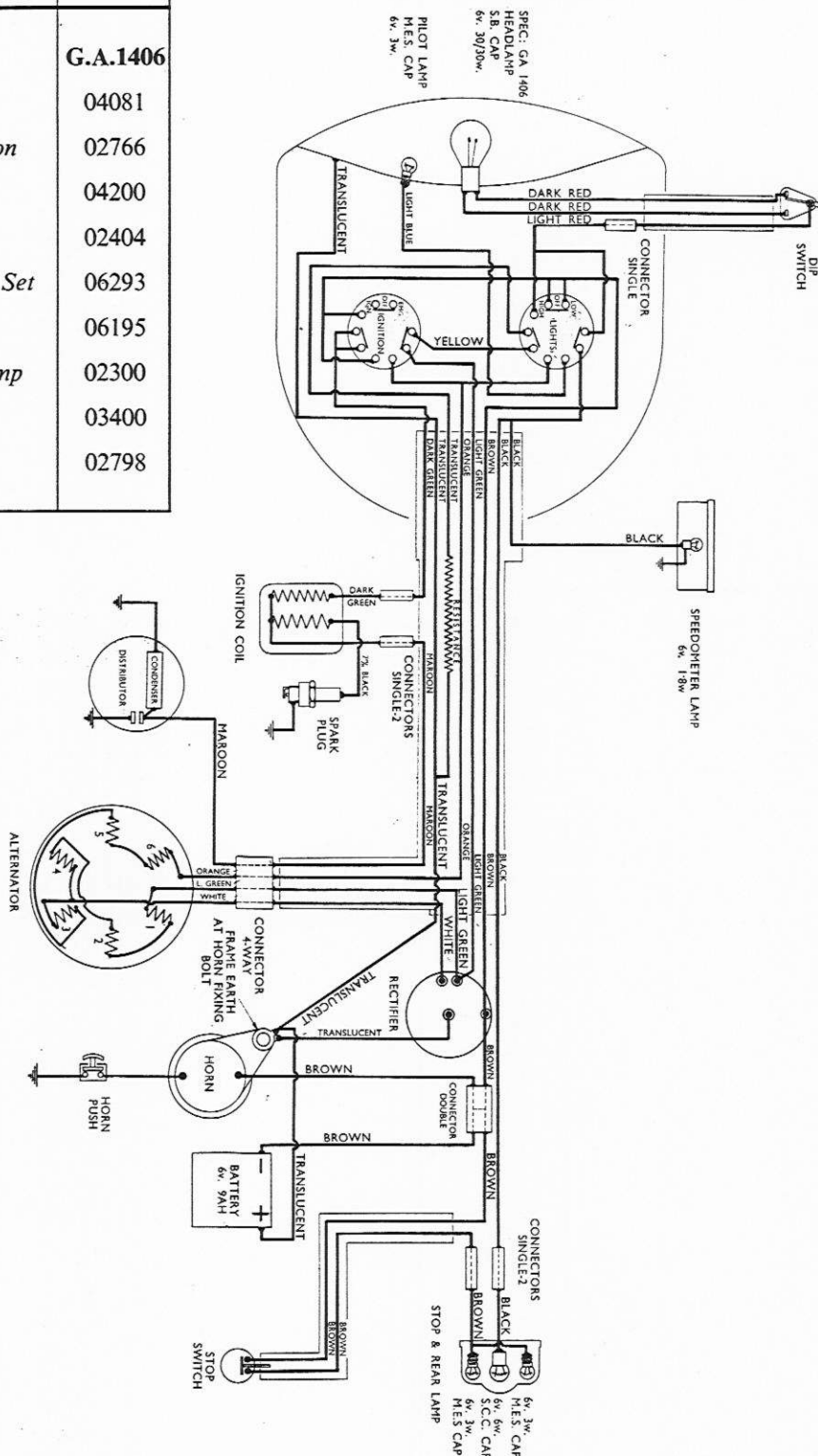


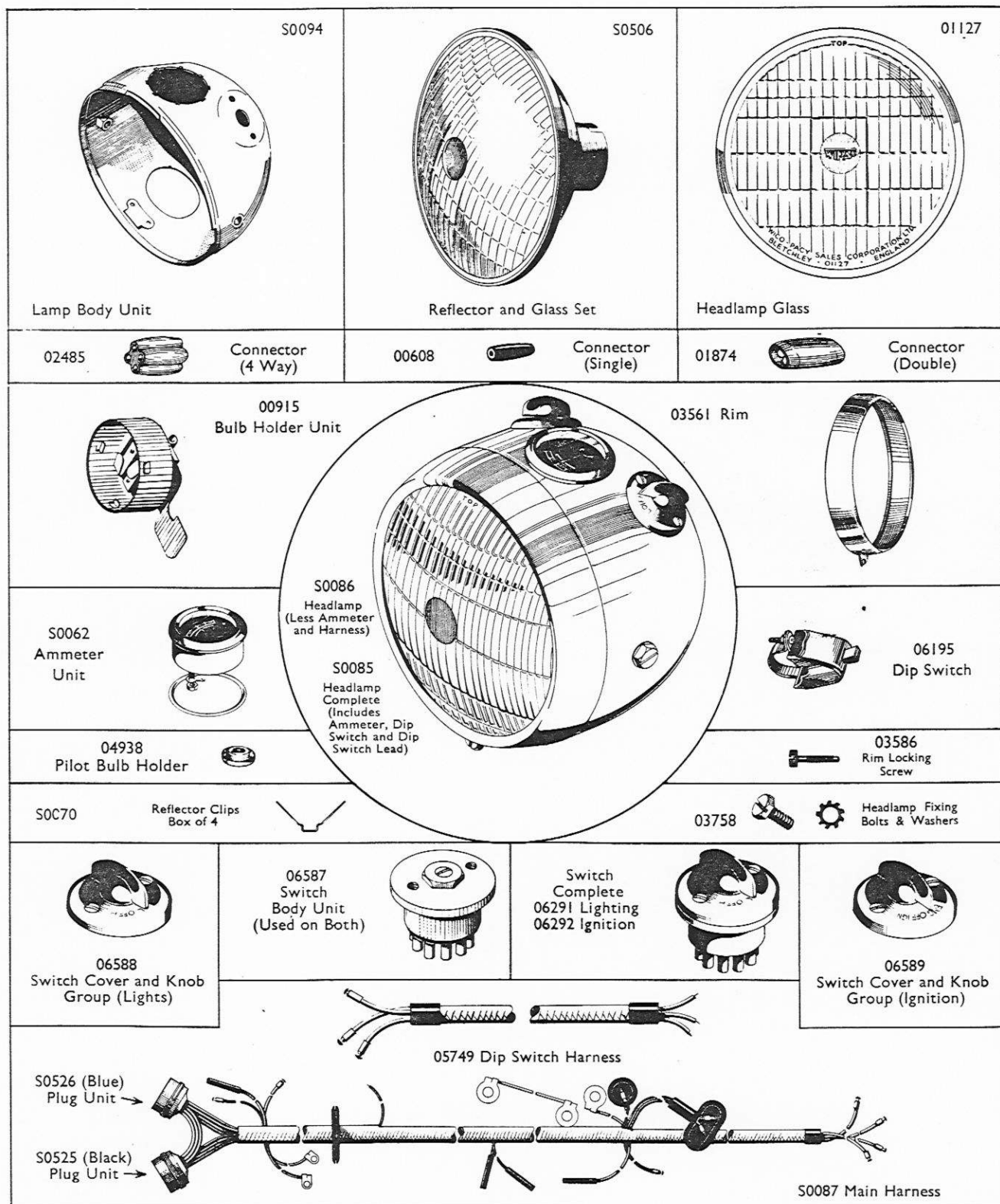


B.S.A. model C.10.L.
MODELS PRODUCED FROM AUGUST 1955

THE WIPAC GROUP · BLETCHLEY · ENGLAND

<i>EQUIPMENT</i>	<i>PART No.</i>
Set Complete	G.A.1406
<i>Alternator</i>	04081
<i>Coil—6V. Ignition</i>	02766
<i>Distributor</i>	04200
<i>Headlamp</i>	02404
<i>Harness & Lead Set</i>	06293
<i>Dip Switch</i>	06195
<i>Stop & Rear Lamp</i>	02300
<i>Stop Switch</i>	03400
<i>Rectifier</i>	02798



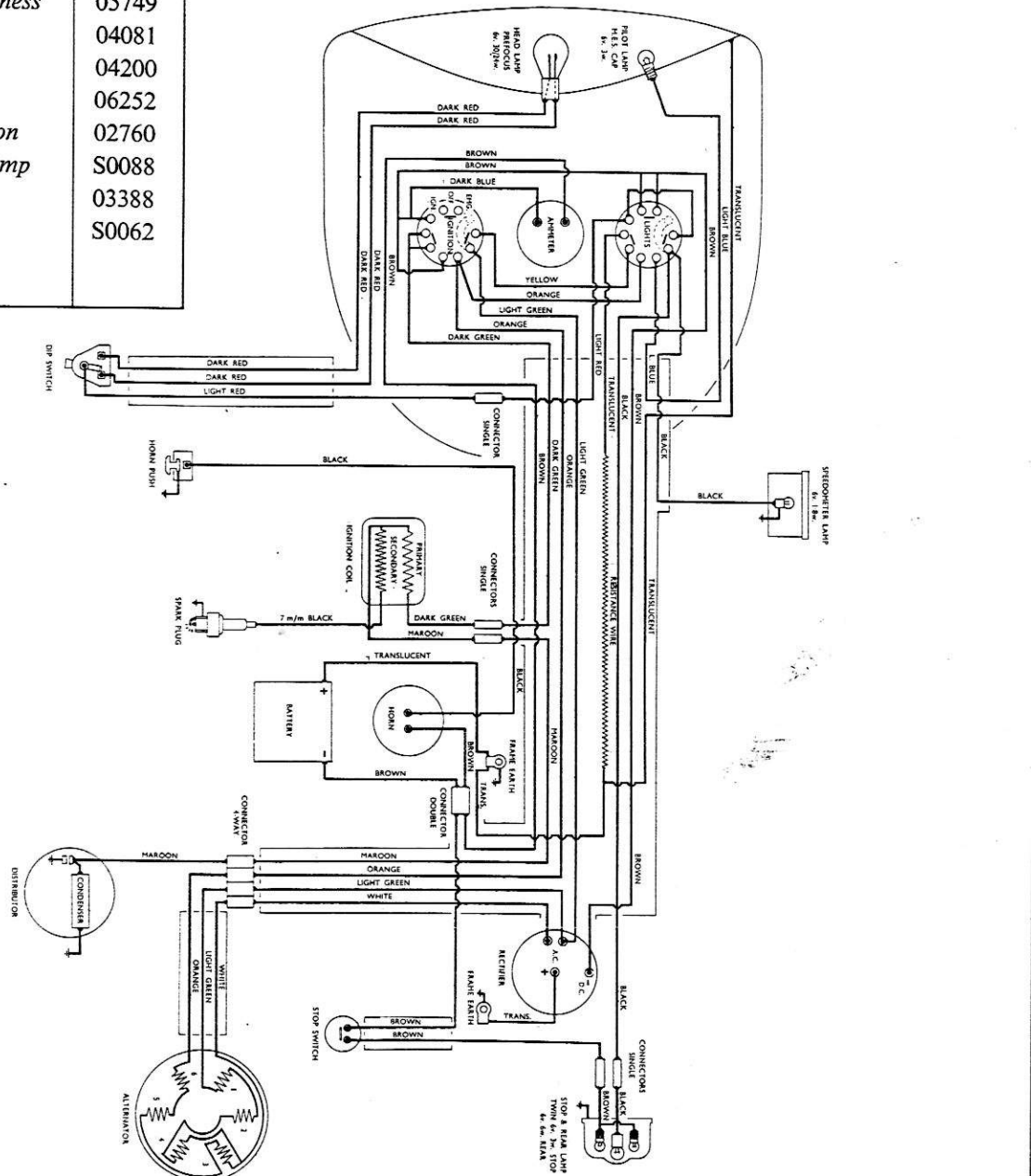


WIRING WIPAC DIAGRAM

ARIEL model "Colt" L.H. MODELS PRODUCED FROM AUGUST 1956

THE WIPAC GROUP · BLETCHLEY · ENGLAND

SPARES UNITS	PART No.
Headlamp (complete)	S0085
Headlamp (less harness and Ammeter)	S0086
Harness	S0087
Dip Switch	06195
Dip Switch Harness	05749
Alternator	04081
Distributor	04200
Rectifier	06252
Coil—6v. Ignition	02760
Stop & Rear Lamp	S0088
Stop Switch	03388
Ammeter Unit	S0062

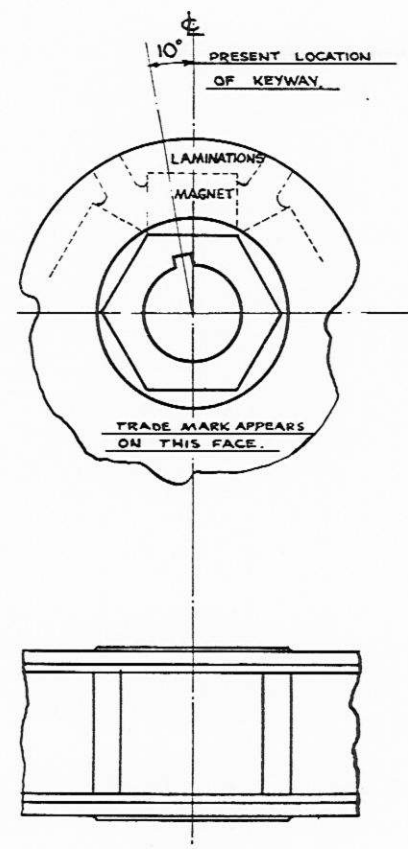
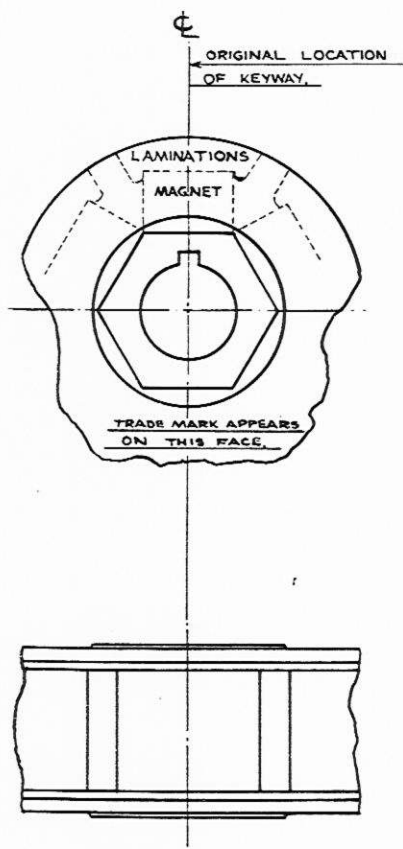


SERVICE WIPAC BULLETIN	SUBJECT	Magnet Rotors for B.S.A.-C10L and Ariel-Colt		
	Ref. No.	01978	CANCELS	
	AUTHORITY	F.K.M.	INSERT THIS BULLETIN INTO :-	No. 3 Technical Manual
	DATE OF ISSUE	1-6-56		

There is a difference between the Magnet Rotors for machines made before and after August 1955.

The sketch below shows the Keyway positions. Please note that the type on the right of sketch is the 1956 model, which **IS ALSO** suitable for 1953/5 models.

The type shown on left is for 1953/5 models and **NOT SUITABLE** for 1956. After the date of this Service Sheet, only 1956 style Rotors will be made.



PLAN VIEWS.

THE WIPAC GROUP — BLETCHLEY — ENGLAND
 TELEPHONE: BLETCHLEY 3321 TELEGRAMS: WICOMAGSCO BLETCHLEY

Printed in England by the Wipac Group



SERVICE WIPAC BULLETIN	SUBJECT	HEADLAMP SWITCH ON:- B.S.A. -C10L, ARIEL COLT LH		
	Ref. No.	3255	CANCEL	
	AUTHORITY	F.K.M.	INSERT THIS BULLETIN INTO:-	NO. 2. MANUAL.
	DATE OF ISSUE	JUNE 1955		

The failure of certain circuits to operate properly may be due to the hollow metal cup located in the switch operating knob being out of position. The cup tends to turn when the nut which holds it in position is tightened up, throwing the slot which limits the switch travel out of position.

To prevent movement, hold the metal cup in position on the flat on the switch body and apply the pressure in an anticlockwise direction as the nut is tightened.

To test, move the switch knob with light finger pressure in both directions in all three positions of the switch. The knob should move both ways for approximately $\frac{1}{8}$ " before operating the switch contacts.

A special tube spanner for this - part number 02100 - is available, price 5/-d.



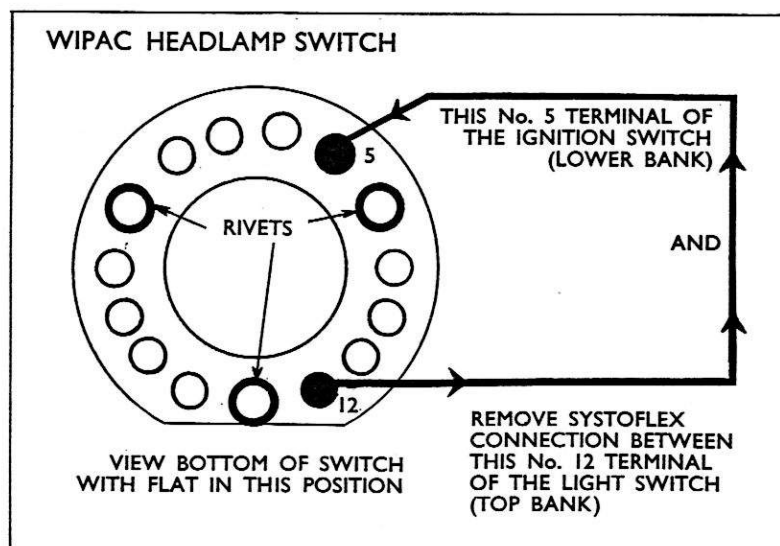
SERVICE WIPAC BULLETIN	SUBJECT	Headlamp Switch Ariel Model Colt L.H. B.S.A. Model C.10L		
	Ref. No.	SEB 1255	CANCELS	SEB 3254
	AUTHORITY	D.A.P.	INSERT THIS BULLETIN INTO :-	Manual No. 2
	DATE OF ISSUE	Jan. 1955		

Between August 1954 and January 1955 the above two models were fitted with a WIPAC Headlamp Switch having a connection between No. 12 terminal of the top bank of terminals and No. 5 terminal of the bottom bank of terminals. This connection was introduced to decrease the battery charging rate. It has not, however, proved to be satisfactory where more frequent use of lights is desired and in order to maintain full battery capacity and balance input with output the connection should be removed. This will allow the full generator charge to pass to the battery.

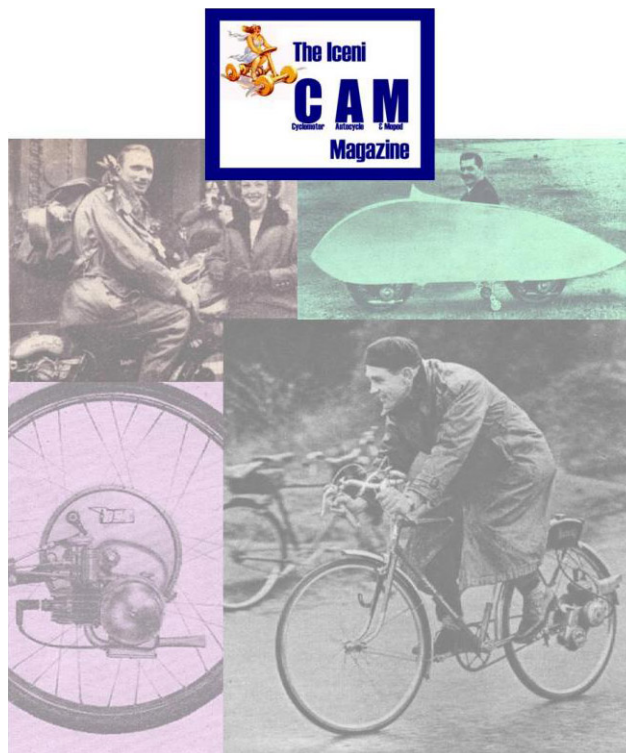
During summer, when the machine is used a lot without lights the terminals 5 and 12 can be reconnected without otherwise affecting the electrical equipment but for general use it is advisable to remove the connection.

IDENTIFICATION OF CONNECTION

The lead between 5 and 12 terminals is systoflex covered and a single wire. All other leads connected to the headlamp switch are plastic covered and multi-strand leads. If the switch is viewed as shown in the sketch the position of the lead is easily identified.



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