



LIST OF PROPRIETARY EQUIPMENT

and

MAKERS SPARE PARTS

for

MATCHLESS

350cc MOTOR CYCLES

TO CONTRACT C.8078

V. A. O. S.

SECTION LV7—MC

1940

Not to be published.

1.

SUMMARY OF INFORMATION ON M.T. PUBLICATIONS.

1. KEY LISTS contain the following information:-

- (a) A complete List of Chassis, engine and W.D. Numbers of all "B" vehicles of a particular make in the service, with the Chilwell Reference number of the Maker's Catalogue which should be used for each Vehicle. (In addition all "B" Vehicles carry a small brass plate located on the dashboard giving the Contract number and catalogue reference number).
- (b) Date of expiry of the Maker's Guarantee for each "B" vehicle.
- (c) A complete list of engines used in "A" Vehicles with the Chilwell reference number of either the makers parts list or the parts list produced by C.I.A. for any particular type of engine.

2. "B" VEHICLES MAKERS' PARTS LISTS.

Are the normal Makers' list of parts applicable to the batch of "B" vehicles supplied under each particular contract.

3. "A" VEHICLE PARTS LISTS.

Are either the Makers' parts list, or the parts list produced by C.I.A. for the particular type of "A" vehicle. "A" vehicles are not allied to contracts, the type of vehicle being the means of identification of the vehicle parts list.

2.

4. PROPRIETARY EQUIPMENT PARTS LISTS.

Are detailed lists of the competent parts of the proprietary equipment on the vehicle, e.g. Electrical Equipment including lamps; Carburettors; Petrol Pumps, Filters etc. The Proprietary Equipment Parts Lists are issued inserted in the front of the appropriate Vehicle Makers' Part List.

5. VEHICLE EQUIPMENT LISTS A, B & C.

(Referred to in Equipment Regulations Part 1. Appendix 26).

LIST A is a list of the special fittings on the vehicles.

LIST B is a list of the special Tools and Equipment supplied by the Makers.

LIST C is a list of the Standard W.D. Tools and Equipment issued with each vehicle.

Copies of these Lists will be found in the Vehicle Log Book (LB5) and in the back of Makers' Parts Lists.

6. V.A.O.S. LV6 M.T. STORE SECTIONS.

Are the normal vocabularies of Miscellaneous M.T. Stores, which are common to most vehicles and contain in addition, lists of proprietary equipment.

LIST OF STORE SECTIONS:-

| Section | Detail of Stores |
|---------|--|
| LV6.MT1 | General M.T. Stores:- Adaptors, Belting, Bin, Blocks, Cans, Clips, Extinguishers, Funnels, Glass for Instruments, Hooks, Towing, Joint, Keys, Grease Lubricators, Oilers, Pins, Plugs, Scotches, Taps, Tins, Unions and Washer. List of Proprietary Shock Absorbers, Speedometers, Cables, Pressure Gauges, Lubricating Injectors and Lubricators, Lifting Jacks, Pumps, Saddles, etc. |
| LV6.MT2 | Tools, (except Makers Special Tools) Tool Chests and List of Contents. |
| LV6.MT3 | Lamp Holders, Bulbs, Lamp Glasses, Mirrors, Bells, List of Lamps and Horns and Windscreen Wipers. |
| LV6.MT4 | Electric Cable W.D. Batteries Hydrometers, Sparking Plugs and Electrical Sundries. List of complete Electrical Equipment except Lamps, Horns and Windscreen Wipers. |
| LV6.MT5 | Bolts, Nuts, Washers, Rivets, etc. |

The publication of Proprietary Parts Lists are given at the back of the appropriate Sections, e.g. the publication number of Lucas Distributor D.K.4 A/O BN. 30/1 is LU/DIST/2C and is shown at the back of LV6.MT8.

If a particular proprietary parts list is required and it cannot otherwise be traced, obtain a pencil rubbing of the particulars of the name plate or stampings on the assembly, and demand the appropriate parts list from the R.A.O.C.

6. MASTER PARTS INDICES. (Only issued to Ordnance Services).

Are the essential link between:-

| | |
|----------------------------------|---|
| "B" Vehicle makers' parts lists. | } and the LV6 Mis- cellaneous M.T. Sections. |
| "A" Vehicle Parts Lists. | |
| "A" Vehicle engine parts lists. | |

They contain all the information regarding the interchangeability and commonality of parts between "B" vehicles supplied under various contracts, and between "A" vehicles of varying types and marks.

They also indicate the particular items in the parts lists which are held in the LV6 Miscellaneous M.T. Sections.

| Section | Detail of Stores |
|----------|---|
| LV6.MT6 | Rubber Hose, Tyre Repair Materials, Vulcanizing Material. |
| LV6.MT7 | Bearings. |
| LV6.MT8 | Magdynos, Distributors, Ignition Coils, Magnets, etc. |
| LV6.MT9 | Machinery and Parts. |
| LV6.MT10 | Metals and Metal Tubing. |
| LV6.MT11 | Non-skid Chains and Towing Ropes. |
| LV6.MT12 | Carburettors, Petrol Filters, Air Cleaners, Filters, Autovacs. |
| LV6.MT13 | Coach Material and Covers Water-proof, Shelters, Towing Attachments and Body Fitments. |
| LV6.MT14 | Tyre, Covers, Tubes and Valves, W.D. Standard and Proprietary Wheels, Wheel Nuts and Studs Wheel Flanges, Spokes and Nipples. |
| LV6.MT15 | Special Miscellaneous Stores and Proprietary Equipment Parts for "A" Vehicles only. |

NOTES.

- (a) All the foregoing publications (except Master Parts Indices) are obtainable on demand from the R.A.O.C.
- (b) Key Lists "B" Vehicle Makers' Parts Lists, "A" Vehicle and Engine Parts Lists and Proprietary Equipment Parts Lists are issued to all mechanized Units for the Vehicles in possession.
- (c) V.A.O.S. LV6.MT Store Sections are issued to major mechanized Units and R.A.O.C. Establishments only.
- (d) Complete sets of Proprietary Equipment Parts Lists are issued to R.A.O.C. Establishments, together with a cross reference shewing the contract to which Proprietary Assemblies are fitted.

INSTRUCTIONS FOR
SUBMITTING DEMANDS.

When demanding stores use a separate sheet for each M.T. Section. Quote the V.A.O.S. M.T. Section, Designation, Part Number and quantity of the stores required, in the following form.

| VOCABULARY DESIGNATION | Catalogue or Part No. | Qty. Reqd. |
|----------------------------|-----------------------------|---------------|
| BLOCKS, PULLEY:- Snatch | 25722 | 1 |
| FLUX:- Cast Iron | 3197 | 1 tin |

When demanding stores by telegram, quote the Part Number, short Nomenclature, quantity required and LV6 Section number, in the following form:-

| M.T. Part No. | Short Nomenclature | Qty. Reqd. | LV6 Section |
|------------------|--------------------|---------------|----------------|
| 25722 | Block Pulley | 1 | MP1 |
| 3197 | Flux | 1 tin | MP1 |

NOTE:- The columns showing "detail" and "use" of items are for information only and are not to be used on demand or as authority for demands.

2. (a) Commencing on page 96 are lists of proprietary assemblies. The component parts of proprietary assemblies are not shown in LV6 MT Sections, but are shown in the appropriate Proprietary Parts Lists at the end of Vocabulary.

(b) When a proprietary part is required, obtain its name plate or stampings and refer to the appropriate proprietary parts list.

Quote the appropriate LV6 MT Section and the proprietary firm's index letters at the head of the demand and the designation and part number of the part required. In addition, always show the proprietary firm's index letters as a prefix to the part number.

(c) If the appropriate proprietary parts list should not be available quote the particulars of the assembly and a description of the required part.

(d) Miscellaneous trade items, e.g. jacks and pumps, are issued under the M.T. Part Number, but their parts are proprietary parts and will be demanded as laid down in sub paragraph (b) or (c).

SECTION MT12/AM
REF: NO: AM/CARB/1947.

CARBURETTOR AMAL TYPE 276/014R.

| <u>Part No.</u> | <u>Designation</u> | <u>No. Off</u> |
|-----------------|---|----------------|
| AM/276/014R | <u>CARBURETTOR COMPLETE LESS CONTROLS</u> <u>SCABLES TYPE 276/014R</u> | 1 |
| AM/276/014R | RMC | |
| | BODY Mixing Chamber | 1 |
| AM/6/032 | TOP Mixing Chamber | 1 |
| AM/6/031 | CAP Mixing Chamber | 1 |
| AM/4/235 | CLIP Spring Mixing Chamber Top | 1 |
| AM/4/241 | SCREW Fixing Spring | 1 |
| AM/4/035 | ADJUSTER Cable | 2 |
| AM/6/052 | VALVE Throttle 6/4 | 1 |
| AM/4/037 | SPRING Throttle Valve | 1 |
| AM/4/060 | COTTER Throttle Valve | 1 |
| AM/6/045 | VALVE Air | 1 |
| AM/4/046 | SPRING Air Valve | 1 |
| AM/6/047 | GUIDE Air Valve | 1 |
| AM/1482 | NIPPLE Cable - Carb. End | 1 |
| AM/4/063 | SCREW Throttle Adjusting | 1 |
| AM/16/010 | NUT Throttle Adjusting Screw | 1 |
| AM/13/129 | SCREW Air Adjusting | 1 |
| AM/16/010 | NUT Air Adjusting Screw | 1 |
| AM/206/058R | BLOCK Jet Complete | 1 |
| AM/6/040 | WASHER Jet Block | 1 |
| AM/4/061 | JET Needle (Main Jet Holder) | 1 |
| AM/6/065 | NEEDLE For Jet | 1 |
| AM/4/230 | CLIP Jet Needle | 1 |
| AM/4/042/150 | JET Main (No. 150) | 1 |
| AM/6/062 | NUT Mixing Chamber Union | 1 |
| AM/4/043 | BOLT Holding | 1 |
| AM/4/053 | WASHER Holding Bolt | 2 |

/Cont. AM/6/033

-2-

SECTION MT12/AM
REF: NO: AM/CARB/1947.

| <u>Part No.</u> | <u>Designation</u> | <u>No. Off</u> |
|-------------------------|--|----------------|
| AM/6/038 | TUBE Air Intake | 1 |
| AM/264/079 | CHAMBER Float Complete | 1 |
| AM/64/186 | BODY Float Chamber | 1 |
| AM/14/208 | COVER Float Chamber | 1 |
| AM/14/021 | SCREW Cover Lock | 1 |
| AM/14/015 | FLOAT | 1 |
| AM/14/024 | VALVE Needle | 1 |
| AM/14/209/ 032/4/060 | TICKLER Complete with Spring & Cotter | 1 |
| AM/13/153 | SCREW Platform Plug | 1 |
| AM/14/039 | WASHER Platform Plug Screw | 1 |
| AM/14/178 | LOCKNUT Seating | 1 |
| AM/14/175 | WASHER Seating Locknut | 1 |
| " | NUT, Petrol Union <u>DEMAND MT1/18851</u> | 1 |
| " | NIPPLE Petrol Union Nut <u>DEMAND MT1/19110</u> | 1 |

4th September, 1940.

SECTION MT4/LU
REF: NO: LU/CONTROL BOX/1482

CONTROL BOX, LUCAS, TYPE MCR1/L15
(MOTOR CYCLE)

| <u>Part No.</u> | <u>Designation</u> | <u>No. Off</u> |
|---------------------|--------------------------------------|----------------|
| LU/390715 | CONTROL Box, Type MCR1/ L15 | 1 |
| <u>BASE DETAILS</u> | | |
| LU/390723 | PLATE Assembly, Terminal Clamping | 1 |
| LU/188818 | SLEEVE, Terminal | 4 |

NO OTHER COMPONENTS SUPPLIED.

3rd December, 1940.

SECTION MT4/LU
REF. NO: LU/DYN/1532.

DYNAMO, LUCAS, TYPE E3AR/A05/1.
6 VOLT ANTI-FLACKLOCK

SECTION MT4/CB
REF. NO: CB/HORN/1436

HORN ELECTRIC C.A.V. TYPE HF. 1235.
6 VOLT MOVEMENT.

| <u>Part No.</u> | <u>Designation</u> | <u>No. Off</u> |
|---------------------------------------|-------------------------|----------------|
| LU/200430 | DYNAMO, Type E3AR/A05/1 | 1 |
| <u>YOKE DETAILS</u> | | |
| LU/L2146/5 | SCREW, Pole | 2 |
| LU/200208 | COILS, Field Set | 1 |
| <u>BAND COVER DETAILS</u> | | |
| LU/200435 | COVER, Band Assembly | 1 |
| LU/109747 | SCREW, Band Cover | 1 |
| <u>DRIVE END BRACKET DETAILS</u> | | |
| LU/200373 | BRACKET Assembly D.E. | 1 |
| LU/189289 | BEARING, Ball Complete | 1 |
| <u>ARMATURE DETAILS</u> | | |
| LU/200370 | ARMATURE Assembly | 1 |
| LU/M.450/1 | KEY, Woodruff D.E. | 1 |
| <u>COMMUTATOR END BRACKET DETAILS</u> | | |
| LU/200032 | BRACKET Assembly C.E. | 1 |
| LU/200079 | SPRINGS, Brush, Set | 1 |
| LU/200185 | BRUSHES, Set | 1 |
| LU/L4989/3 | BOLT (Through) Fixing | 2 |

| <u>Part No.</u> | <u>Designation</u> |
|-----------------|--|
| CB/701418 | HORN Electric C.A.V. Type HF.1235 6 Volt. |

BRACKET ASSY.

| | |
|------------|----------------|
| LU/L3214/4 | BRACKET |
| CB/108492 | SCREWS, Fixing |

NOTE: - SPARES OTHER THAN THOSE LISTED
ABOVE ARE NOT PROVIDED. RE-
PLACEMENT IN THE EVENT OF ELECTRICAL
FAULT SHOULD BE EFFECTED BY SUB-
MITTING THE COMPLETE UNIT MT4/CB/
701418 ON A.F. G.1032.

22nd June, 1940.

12th March, 1940.

SECTION MT3/LU
REF: NO: LAMP/1563

MOTOR CYCLE HEADLAMP LUCAS TYPE D142F.
6 VOLT - FLUTED GLASS

| <u>Part No.</u> | <u>Designation</u> | <u>No. Off</u> |
|-----------------|----------------------------------|----------------|
| LU/515633 | M.C. Headlamp Lucas Type D142F | 1 |
| | <u>BODY DETAILS</u> | |
| LU/515631 | BODY Assembly | 1 |
| | <u>REFLECTOR DETAILS</u> | |
| LU/515140 | REFLECTOR Assembly | 1 |
| LU/515191 | SHELL Assy. Reflector Back | 1 |
| LU/504801 | HOLDER, Bulb c/w Interior - Main | 1 |
| LU/504803 | ADAPTOR Assy. Pilot Bulb Holder | 1 |
| LU/N890 | CLIP Screw Bulb Holder | 1 |
| | <u>FRONT RIM DETAILS</u> | |
| LU/515199 | RIM Assembly - Less Glass | 1 |
| LU/515917 | WIRES - Set (Glass Fixing) | 1 |
| LU/NC309/6 | BEAD, Joint Reflector | 1 |

1st April, 1940.

SECTION MT3/LU
REF: NO: LU/LAMPS/1191

TAIL LAMP, LUCAS, TYPE M.T. 210.

| <u>Part No.</u> | <u>Designation</u> | <u>No. Off</u> |
|-----------------|---------------------------------------|----------------|
| LU/526013 | TAIL LAMP, Lucas, Type M.T. 210 | 1 |
| | <u>BASE & BULBHOLDER DETAILS.</u> | |
| LU/526015 | BASE, Assembly | 1 |
| | <u>BODY DETAILS.</u> | |
| LU/526014 | BODY, Assembly | 1 |
| | <u>CABLE CONNECTION DETAILS.</u> | |
| LU/B900 | CONNECTOR Assembly | 1 |

NOTE:-

Local Purchase is authorized for all the above with the exception of the bulb.

8th April, 1940.

LUCAS MAGNETO TYPE N1/O/AO, ANPICLOCK.

| <u>Part No.</u> | <u>Designation</u> | <u>No. Off</u> |
|-----------------|---------------------------------|----------------|
| 454146 | MAGNETO complete, Type N1/O/AC. | |

BODY DETAILS

| | | |
|---------|---------------------------------|---|
| 451379 | CUP Insulating | 1 |
| M2643/3 | WASHER Leather | 1 |
| M2976/4 | SCREW Fixing C.E. Plate | 1 |
| 455191 | CARBON & Spring holder Assembly | 1 |
| 455190 | CARBON & Spring Assembly | 1 |

PICKUP DETAILS

| | | |
|---------|--------------------------|---|
| 463066 | PICKUP Assembly | 1 |
| 451260 | CARBON & Spring Assembly | 1 |
| M3156/4 | NUT Pickup Cable | 1 |
| 185008 | WASHER Spring, Cable End | 1 |
| 455622 | WASHER Seating | 1 |

ARMATURE DETAILS

| | | |
|--------|----------------------------------|---|
| 454183 | ARMATURE Assembly | 1 |
| 452970 | CONDENSER Complete | 1 |
| M255/2 | SLIP Ring | 1 |
| 164334 | WASHER Linen | 1 |
| 463944 | THROWER Oil | 1 |
| 455634 | WASHER Packing .045" | 1 |
| | HEARING. <u>DEMAND MT7/46984</u> | 2 |
| 170104 | NUT Shaft D.E. | 1 |
| 140074 | WASHER Shaft | 1 |

CONTACT BREAKER END PLATE DETAILS

| | | |
|--------|-------------------------|---|
| 454187 | PLATE C.E. End Assembly | 1 |
|--------|-------------------------|---|

/Cont. 451379.

| <u>Part No.</u> | <u>Designation</u> | <u>No. Of</u> |
|-----------------|--------------------------------|---------------|
| 451379 | WASHER Packing Fibre | 1 |
| 452906 | WASHER Locking .003" | 1 |
| 452907 | WASHER End Plate Locking .005" | 1 |
| 450415 | WASHER Linen | 1 |
| 122014 | SCREW end Plate Seal | 1 |
| 463107 | CONTROL Parts, Set | 1 |
| 454959 | PLUNGER | 1 |
| M2642/2 | BARREL Control | 1 |
| 455788 | NIPPLE Control | 1 |
| 111591 | SCREW Stop Adjusting Control | 1 |
| 170091 | NUT Lock Control Cable Stop | 1 |
| M3550/2 | WASHER Lock Control | 1 |
| M2841/4 | CONTROL Rubber Cap | 1 |
| 454180 | CAM | 1 |
| M 2646/1 | RING Jump for Cam | 1 |
| M 3207/2 | SCREW Timing | 1 |
| M 2648/1/ | COVER | 1 |
| DP | | |
| 451315 | PIN and Spring Assembly | 1 |

CONTACT BREAKER DETAILS.

| | | |
|----------|--------------------------|---|
| MLOC. 1. | CONTACT Breaker complete | 1 |
| M2649/3 | BASE | 1 |
| M2648/3 | CARRIER Spring | 1 |
| M2579/4 | BUSH Insulating centre | 1 |
| M2687/3 | SCREW Carrier Spring | 1 |
| M2687/2 | BUSH Insulating | 1 |
| 484098 | CONTACT Set | 1 |
| M2580/3 | NUT Lock Contact Screw | 1 |
| M2688/3 | SPRING C.B. Back | 1 |
| M2588/4 | SCREW Fixing C.B. Spring | 1 |
| M2687/1 | TAPPET | 1 |
| M. 290/1 | SCREW Fixing C.B. | 1 |
| M2689/1 | WASHER Lock | 1 |

20th September, 1940.

SECTION MP4/LT.
REF. NO: LT/SADDLE/1984

SADDLE LYCETT TYPE 35/G3/F60

| <u>Part No.</u> | <u>Designation.</u> |
|-------------------------|---|
| LT/35/G3/F60 | SADDLE, complete |
| LT/35/G3/F60 /No. 2. | COVER, (Rexine & Felt) |
| LT/3S | HOOKS, Front small |
| LT/4M | HOOKS, Front Medium |
| LT/5L | HOOKS, Front large |
| LT/6/12 $\frac{1}{4}$ | ELASTICS, Hooked 11 $\frac{1}{2}$ overall lth. 12 $\frac{1}{4}$ including hooks. |
| LT/6/14 $\frac{1}{4}$ | ELASTICS, Hooked 13 $\frac{1}{2}$ overall lth. 14 $\frac{1}{4}$ including hooks. |
| LT/6/15 $\frac{1}{4}$ | ELASTICS, Hooked 14 $\frac{1}{2}$ overall lth. 15 $\frac{1}{4}$ including hooks |
| LT/6/16 $\frac{1}{4}$ | ELASTICS, hooked 15 $\frac{1}{2}$ overall lth. 16 $\frac{1}{4}$ including hooks. |
| LT/35/G3/F60 /No. 10 | SPRING, coil |

21st October, 1940.

SECTION MP4/LU
REF. NO: LU/SWITCH/357.

HORN PUSH LUCAS TYPE NO. 4 DCP &
DIPPER SWITCH. TYPE 9AC/1

| <u>Part No.</u> | <u>Designation</u> |
|---------------------|---|
| LU/No.4 DCP | HORN PUSH. Complete type No.4 D.C.P. |
| LU/9AC/1.DP | DIPPER SWITCH. Complete Type 9 AC/1. |
| LU/100520 | SCREW Fixing |
| LU/SW 3856 | SCREW Terminal |
| LU/NB 2406/ 8 DP | COVER |

29th July, 1940.

SECTION MT4/LU
REF: NO: LU/SWITCH/1587

SWITCH, LUCAS, TYPE RS 39/L2

| <u>Part No.</u> | <u>Designation</u> | <u>No. Off</u> |
|-----------------|---------------------------|----------------|
| LU/351584 | SWITCH Lucas Type RS39/L2 | 1 |

BODY DETAILS

| | | |
|--------------|--|---|
| LU/351587 | LEVER c/w Fixing Screw | 1 |
| LU/351501 | HEAD Piece & Shaft With Spring Plunger & Roller | 1 |
| LU/NB2309/3 | STRAP Switch Fixing | 1 |
| LU/NB2404/24 | RING Rubber For Headlamp, Ammeter & Switch | 1 |

28th March, 1940.