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SPECIFICATION ARMY(AUST) 73
FOR
TRUCK, CHASSIS, 3/4 TON, 4 X 4, AMBULANCE
LAND ROVER SERIES 2A, 109 INCH W.B.

ISSUE 20

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SPECIFICATION ARMY(AUST)73

2.

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Designed Approved
29 May 63

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Approved for Production/
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5 Jun 63

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(R.R. McNICOLL) Major General
MASTER GENERAL OF THE ORDNANCE

3.

1. SCOPE

This specification covers a Land Rover Series 2A, 109 inch WB, 3/4 Ton, 4x4, Truck chassis modified to allow the later fitting of an ambulance body.

2. APPLICABLE DOCUMENTS

Reference is necessary to the latest issue of each of the following documents.

2.1 Specifications

Army(Aust)64 Plugs and Receptacles.

This specification is available from Chief Superintendent, Army Design Establishment, Private Bag No.12, P.O. ASCOT VALE, Victoria.

DEF(AUST)29 Extinguisher, Fire, Vapourizing Liquid 1 quart, CTC.

DEF(AUST)47A Identification Marking of Service Equipment.

DEF(AUST)1000 Requirements for Packaging Stores for the Services.

These specifications are available from Manager, Central Drawing Office, Department of Supply, Private Bag No.5, P.O. ASCOT VALE, Victoria.

2.2 Standards

2.2.1 British Standards Institution

BS 381C Colours for ready mixed paints.

2.2.2 Standards Association of Australia

CA8 Welding Code.

C300 Battery terminals and terminal lugs for Lead Acid Batteries.

L8 Vinyl coated Cotton fabrics for Upholstery.

These standards are available from Standards Association of Australia in all Capital Cities.

2.3 Drawings

FV 157949 Light, Inspection, Extension
ADE(V)211-2 Light, Hook, R and L
ADE(V)5-16 Registration Plate, Mounting Holes
ADE(V)32-1 Guard, Brush, Front.

4.

2.3 Drawings (Cont'd)

- ADE(V)43-1 - Unit Formation Sign Holders.
- ADE(V)44-2 - Truck $\frac{3}{4}$ Ton 4 x 4 Ambulance.
- ADE(V)110-2 - Modification Steering Damper Land Rover.
- ADE(V)110-38 - Pipe, Exhaust - Assy.

The above drawings and the following drawings, including the drawings detailed thereon, cover the requirements for this specification.

- ADE(V)44-3 - Electrical Wiring Diagram.
- ADE(V)44-144 - Chassis Assembly.
- ADE(V)44-231 - Bonnet Catch Installation RH.
- ADE(V)44-232 - Bonnet Catch Installation LH.
- ADE(V)44-233 - Outrigger and Tow Hook Plate.
- ADE(V)44-244 - Front Wing Assy LH.
- ADE(V)44-255 - Front Wing Assy RH.
- ADE(V)44-279 - Fuel Tank and Seat Box Access.
- ADE(V)44-459 - NATO Socket Installation.
- ADE(V)44-460 - Mud Flap Rear Installation.
- ADE(V)44-466 - Bumper Bar Front - Rework.
- ADE(V)44-467 - Exhaust Silencer - Rework.
- ADE(V)44-475 - Stop Driver's Seat Installation.
- ADE(V)44-528 - Installation, Alternator.
- ADE(V)44-540 - Mirror Assembly, Rear View, LH Installation.

These drawings are available from the Chief Superintendent, Army Design Establishment, Private Bag No. 12, P.O. ASCOT VALE, Victoria.

2.4 Publications

AMVSC Draft Regulations

These regulations are available for viewing at the Department of Shipping and Transport, 497 Collins Street, MELBOURNE from the Executive Officer A.M.V.S.C. or at Police Headquarters (Traffic Branch) in all Capital Cities.

2. DEFINITIONS

2.1 The Inspecting Officer named in this specification shall be the Director of Army Inspection or his representative.

3.2 Where the letters "MOEEI" are used in this specification, they shall be understood to mean "Manufacturers Optional Extra Equipment Item".

4. REQUIREMENTS4.1 General

The chassis shall be that sold on the Australian commercial market as 2½ litre petrol engine driven, Land Rover Series 2A, 109 inch WB, modified and added to as detailed in this specification.

4.1.1 The vehicle shall comply in all respects with AMVSC regulations.

4.1.2 Interchangeability of parts including spares shall be maintained throughout the contract. Alternative parts shall not be introduced without prior approval of the Director of Army Inspection or his representative. The vehicle components shall be as standard as possible with those of Land Rover Vehicles already in service, and shall include the component modification detailed in Annex 'D'.

4.1.3 Chassis Data

The chassis shall be modified as detailed below and in accordance with the drawings listed in 2.3.

4.1.3.1 The chassis shall be fitted with spring hanger brackets which will allow the fitting of 9.00 x 16 tyres.

- 4.1.3.2
- (a) The wheels shall be one-piece, drop centre, detachable discs, incorporating a 5.50 F(H) rim as specified in the Tyre and Rim Association Standards Manual.
 - (b) The tyres shall be light truck and utility tyres, 7.50 x 16 "Tyrex" cord, (or approved equivalent) 6 ply rating, with butyl tubes. The tyre treads shall be non-direction cross country pattern, e.g. Goodyear "All Service", Olympic "Pattern 31", or similar approved pattern and make.
 - (c) Five wheels, tyres and tubes shall be supplied with each vehicle.
 - (d) Brackets shall be fitted to allow for stowage of the spare wheel on the bonnet. The brackets shall be suitable for use with 7.50 x 16 tyres and wheels and shall include rubber pads for extra support.

4.1.3.3 The front springs shall be Rover Part No.265627 and the rear springs shall be Rover Part No.272967. Shock absorbers as used with the extended spring hanger brackets shall be fitted.

- 4.1.3.4 A second identical fuel tank shall be fitted, in the chassis on the LH side immediately below the passenger's seat and the filling point shall be brought to the outside of the vehicle on the LH side, as is done for the standard RH tank. A change over cock shall be mounted on the panel adjacent to the hand brake lever. Access to allow dipping of the tanks, shall be provided (Dwg ADE(V)44-279).
- 4.1.3.5 The engine shall be fitted with a Rover eight blade fan and engine tie rod as per MOEEI No.525205.
- 4.1.3.6 Front lifting and towing rings conforming to MOEEI No.E1085 shall be fitted.
- 4.1.3.7 A rotatable and lockable towing hook to drawing ~~ADE(V)211-2~~ be fitted.
- 4.1.3.8 The standard front bumper shall be fitted. (See Dwg ADE(V)44-466).
- 4.1.3.9 A front brush guard to Dwg ADE(V)32-1 shall be fitted.
- 4.1.3.10 The rear cross member shall be replaced by one of shallower section to give the maximum possible angle of departure. The normal take off aperture may be deleted.
- 4.1.3.11 A front mounted capstan winch MOEEI No.E1066, together with 150 feet of manilla rope with a breaking strength of not less than 4,500 pounds shall be fitted, but only if specifically called up in the official order.
- 4.1.3.12 The front and rear axles shall have a heavy duty differential assemblies and induction hardened axle shafts as fitted in British War Department Land Rovers.
- 4.1.3.13 Transfer case and gearbox oil level plugs shall be of the tapered thread type.
- 4.1.3.14 The radiator grille panel assembly shall have two 11/16 inch dia holes drilled in it to allow easy removal of the two bolts fixing the steering relay housing to the chassis frame.
- 4.1.3.15 A quadrant hand throttle conforming to MOEEI No.E1109 shall be fitted.
- 4.1.3.16 Rubber boots shall be fitted on both front and rear propeller shafts to cover the splines.
- 4.1.3.17 A steering damper shall be fitted in accordance with Drawing No. ADE(V)110-2.
- 4.1.3.18 The exhaust pipe shall be in accordance with drawing No. ADE(V)110-38. To give clearance on a wheel fitted with 9.00 by 16 tyre, the exhaust tail pipe shall be shaped in accordance with drawing No. ADE(V)44-467.

- 4.1.4 Body
- 4.1.4.1 The standard front end sheet metal shall be fitted, up to and including the windscreen, dash panel, doors, side screens, driving compartment floor panels.
- 4.1.4.2 The vehicle front wings shall conform to the drawings ADE(V)44-244 and 255 including de-ditching tool brackets.
- 4.1.4.3 A centre seat in the driving compartment is not required. A toolbox shall be fitted in this space. It shall be possible to remove the cushion from the passenger's seat for fitting on top of the tool box to provide a suitable seat for the attendant when facing the rear of the vehicle. The cargo body, roof panels, etc., are not required.
- 4.1.4.4 The windscreen glass shall conform to MOEEI No.E1080.
- 4.1.4.5 Dash vent flyscreens conforming to MOEEI No.E1106 shall be fitted.
- 4.1.4.6 The side valances shall be deleted.
- 4.1.4.7 The bonnet shall be secured by side fastening catches (Dwgs ADE(V)44-231 and 232).
- 4.1.4.8 All seats shall be covered with a PVC coated fabric to AS L8 Grade W2 and coloured Deep Bronze Green (BS 381C Colour No.224).
- 4.1.5 Electrical Equipment
- 4.1.5.1 The standard 12 volt electrical system, modified by the replacement of the generating system with a 12 volt 35 amp Chrysler alternator, and also modified (as detailed in Annex A) to prevent interference to commercial radio and television equipment, shall be fitted to the vehicle. The alternator installation shall be in accordance with ADE(V)44-528.
- 4.1.5.2 The battery shall have a minimum rating of 51 ampere/ hours and be of the "sealed link" type with terminal lugs of the clamp type in accordance with AS C300. The battery retaining cover inside length shall be 12½ inches in lieu of the standard 12-13/16 inches as normally issued with the vehicle.
- 4.1.5.3 All electrical components, wiring and harness shall be suitable for continual use at any temperature within the range of 5°F and 125°F and in 100% humidity conditions between 32°F and 95°F.

- 4.1.5.4 All electrical circuits shall be suitably protected by fuses or circuit breakers grouped together in a centralized junction box or in a terminal strip so located that it is readily accessible. The identity of each fuse or circuit breaker shall be clearly marked.
- 4.1.5.5 Flashing type direction indicators conforming to MOEEI E1211 shall be fitted to the front of the vehicle, except that the flasher unit shall be capable of operating satisfactorily with two or three lamps flashing. (Rear indicators see para 6.2). The flasher unit shall be HELLA Part No.91 PM 2/3 x 18 W 12V, or approved equivalent. A driver warning device shall be fitted.
- 4.1.5.6 A black-out headlight (Rover Part No.RA34 or approved equivalent) shall be fitted at the front RH side of the vehicle. A convoy light (Rover Part No.268616 or approved equivalent), interconnected with the blackout headlight, shall be fitted in an approved location at the rear of the vehicle.
- 4.1.5.7 A master control switch mounted on the dashboard shall control either the standard lighting or the black-out lighting as detailed below.
- | <u>Standard Lighting</u> | <u>Blackout Lighting</u> |
|--------------------------|--------------------------|
| Headlights | Blackout Headlights |
| Parking Lights | Convoy Light |
| Tail Lights | Dash Light |
| Stop Lights | Map Reading Light |
| Turn Indicators | Dashboard Plug Socket |
| Dash Light | |
| Map Reading Light | |
| Dashboard Plug Socket | |
- NOTE - The master control switch shall also be wired, for the standard and blackout lighting, to allow the connection of the dome lights when the ambulance body is fitted.
- 4.1.5.8 The dip switch shall be relocated between the clutch and brake pedals, with the entire switch mechanism inside the vehicle. Any wiring on the floor shall be covered by a metal guard.
- 4.1.5.9 A socket (2 pin Lucas Part No.770419 or approved equivalent) shall be fitted in a suitable position on the dashboard, for connecting an extension light to the electrical system. This circuit shall be unswitched.
- 4.1.5.10 An extension light conforming with Dwg No.FV157949, complete with 13 ft of twin cable and a 2 pin plug to suit the dashboard socket (see 4.1.5.9 above) shall be provided.

4.1.5.11 A 12 pin socket with cover, (to Specification Army(Aust) 64) shall be fitted at the LH rear of the vehicle (see dwg ADE(V)44-459). The wiring shall be connected as follows:-

- Pin A - Shall be interconnected with the vehicle convey light. Pins C and H shall be bridged with Pin A.
- Pin B - Shall be interconnected with the vehicle stop lights. Pin J shall be bridged with Pin B.
- Pin E - Shall be interconnected with the vehicle rear lights.
- Pins D and L - Both these pins shall be connected to the "earthed" or "grounded" pole of the vehicle battery, either directly or through the metal framework of the vehicle.
- Pin K - This is a lead for auxiliary power feed to a trailer.
- Pin M - Shall be interconnected with the left turn indicator of the vehicle.
- Pin N - Shall be interconnected with the right turn indicator of the vehicle.

NOTE:- The 12 pin socket cover shall be stamped "12V" in $\frac{1}{8}$ inch letters.

Additional Information - Where bridging is necessary it shall be done at the junction box or by some other approved method outside the socket.

- 4.1.5.12 The ignition switch shall be the non-locking type.
- 4.1.5.13 Two windscreen wipers conforming to MOEEI No.E1114 shall be fitted.
- 4.1.5.14 The vehicle shall be wired as detailed in Dwg No. ADE(V)44-3.
- 4.1.5.15 Metal guards to protect the rear indicator lights and tail lights shall be provided (see para 6.2).
- 4.1.5.16 A cabin heater conforming to MOEEI No.E1115 shall be fitted.
- 4.1.5.17 A map reading light, Rover Part No.268616, (or approved equivalent), shall be mounted on the dashboard in front of the passenger seat.

4.2 Fittings and Accessories

4.2.1 Centre Mirror

An adjustable, flat, rear vision mirror shall be fitted inside the vehicle, in a central position on the windscreen frame, such that the driver can obtain rearward vision.

4.2.2 External Mirror

4.2.2.1 An adjustable rear vision mirror shall be mounted on the right hand side of the vehicle in such a position that the driver can adjust the mirror without leaving the driving seat. It shall be possible to fold the mirror and its supporting arm so that the item does not project beyond the vehicle silhouette.

4.2.2.2 An adjustable rear vision mirror shall be mounted on the left hand side of the vehicle as detailed in ADE(V)44-540.

4.2.3 Number Plates

Bolt holes shall be drilled in approved locations to suit the standard Army Registration Plates. (See Dwg No. ADE(V)5-16).

4.2.4 Tools

The starting handle is the only item which shall be supplied from the commercial tool kit.

4.2.5 Bridge Sign Plate

One plate (Rover Part No.266818) shall be fitted to the front nearside of the vehicle.

4.2.6 Unit/Formation Signs

Two Unit/Formation sign holders to Drawing ADE(V)43-1 shall be fitted in approved locations, on the front mudguards. (See also para 6.2).

4.2.7 Petrol Dipstick with Holder

One holder and graduated dipstick shall be supplied with each tank. The dipstick shall have a flat surface to facilitate reading of the fuel level.

4.2.8 Fire Extinguisher

One fire extinguisher, 1 qt CTC, with bracket, to Specification DEF(AUST)29, shall be supplied and mounted as detailed on Drg ADE(V)44-279.

4.2.9 Mud Flaps

Rear mud flaps to Dwg ADE(V)44-460 shall be fitted.

4.2.10 Instruments and Controls

In addition to the instruments and controls normally fitted, the following shall be fitted.

Water thermometer and oil pressure gauge conforming to MOEEI No. E1073.

MPH Speedometer with provision for recording trip miles conforming to MOEEI No. E1100.

Two-way switch to allow fuel gauge to read from either tank.

4.2.11 Instruction Plates

4.2.11.1 Metal instruction plates with photo processed lettering shall be fitted and suitably located to indicate the information necessary for the safe and proper operation of all switches and controls provided.

4.2.11.2 One plate in accordance with Annex B, shall be located in the nearside glove box.

4.2.11.3 One plate, in accordance with Annex C, shall be located above the instrument panel.

4.2.11.4 A plate, located in the nearside glove box, shall carry the name of the vehicle as follows:-

Nomenclature : TRUCK, Ambulance 4 Stretcher
GS Land Rover
Series 2A, 109 inch W.B.

Census No. : 6362B

Chassis No. : (As applicable)

Manufacturer : Rover Australia Pty. Ltd.,

Contract No. : (As applicable)

Date of Delivery : (As applicable)

4.2.11.5 The following items shall be branded with a broad arrow (see DEF(AUST)47A) in approved positions as follows:-

Item	Size of Lettering	Type
Fire Extinguisher	$\frac{1}{2}$ inch minimum	Stamp or Etch
Tyres	1 to 2 inches	Moulded

4.3 Materials

All materials used in the manufacture of the vehicles shall comply with the relevant Australian or British Standard Specification where such exist, or in their absence to any standard specification approved by the Inspecting Officer.

4.4 Workmanship

Workmanship shall be in accordance with the best trade practice, and shall be to the satisfaction of the Inspecting Officer.

4.4.1 Welding

The preparation for, and the application of all metallic arc welding shall be strictly in accordance with the AS Welding Code CA8.

4.4.2 Painting

The preparation of surfaces for painting, and the painting process shall be the standard commercial processes used for Land Rover vehicles, except that the finishing colour shall be full Gloss Deep Bronze Green (BS 381C Colour No.224).

- 4.4.2.1 The galvanized fittings normally supplied on the commercial vehicle shall be subjected to an extra pickling process, prior to assembly. The fittings shall then be painted as specified above.

4.5 Manufacturers Drawings

As a part of each contract, the Contractor shall supply one set of drawing prints of each item and assembly of parts special to this Vehicle including Rover parts modified for Army requirements. In addition drawing prints, of the general arrangement covering the complete vehicle, and all wiring diagrams shall also be supplied by the Contractor. (Excluded from these requirements are parts already shown on ADE drawing sheets).

These prints, which may be on the Contractor's own drawing sheets, shall be accompanied by a schedule listing the drawing titles and numbers, and indicating the Service name of the equipment, the CAPO number and the date of the Contract.

On completion of the contract, the Contractor shall forward the above data to the Chief Superintendent, Army Design Establishment.

4.6 Publications

- 4.6.1 A User handbook shall be supplied with each vehicle.

- 4.6.2 Workshop manuals and illustrated spare parts lists for the vehicle shall be available for separate purchase in quantity if required.

4.7 Tendering Data

4.7.1 Submission of Samples

The Tenderer shall submit samples of all components and all materials designated as approved components or materials. Alternatively, the Tenderer shall state the source of supply in sufficient detail in order that the components and materials can be readily checked or recognised.

4.7.2 Departures

Should the Tenderer desire to depart in any manner from the requirements of this specification, such manner of departure shall be clearly shown in the tender, together with a statement of the advantages to be gained by its adoption.

4.7.3 Warranty and After Sales Service shall be stated by the tenderer in his tender.

4.7.4 Rejection

Tenders which are not accompanied by the information, asked for above, may be rejected without further consideration.

5. INSPECTION AND TESTS

5.1 Inspection

All supplies shall be subject to the approval of the Inspecting Officer. Any supplies submitted by the Contractor for acceptance, which, in the opinion of the Inspecting Officer are inferior in quality of materials, or differ in any respect from the Specifications, Drawings, Samples or other particulars may be rejected by him.

5.2 Tests

5.2.1 Tests to Specifications

The contractor shall be responsible for carrying out any tests required by the Inspecting Officer to ensure that the Stores are in accordance with the specifications and drawings specified herein.

5.2.2 Facilities provided by contractor

The contractor shall be responsible for providing any test equipment and facilities, including accommodation, that may be required by the Inspecting Officer for the purpose of ensuring that the Stores comply with the specifications and drawings.

6. PREPARATION FOR DELIVERY

6.1 General

Packing, packaging, preservation and marking shall be in accordance with the relevant sections of Specification DEF(AUST)1000 or other requirements, as designated in the tender schedule or official order.

6.2 Packing

The following items which cannot be fitted owing to the absence of a body, shall be boxed in a waterproof container which shall be firmly secured to the chassis and delivered with each vehicle:

510177	Flasher Lamp Rear	2	off
510176	Stop and Tail Lamp	2	
50343	Clip, Upper Filler Hose	2	
40328	Clip, Lower Filler Hose	2	
	Fire Extinguisher	1	
PMC.0111740	Unit/Formation Sign Holder	2	
330381	Sill Channel LH	1	
330380	Sill Channel RH	1	
303740	Corner Gusset	18	
330710	Side Stiffener	6	
330612	Floor Plate Long Stiffener Gusset	3	
330234	Rear Corner Bracket LH	1	
330235	Rear Corner Bracket RH	1	
312027	Rubber Buffer	6	
	Capacitor 5µF	1	
268676	Convoy Lamp	1	
330419	Tailgate Buffer	2	
332582	Mounting Pad	14	
330232	Nut Retainer (Aluminium)	48	
74925	Nut Retainer (Steel)	28	
0111049	Tail Lamp Shroud	2	
ADE(V)44-68	Rear Seat Box Stiffener	1	
ADE(V)44-391	Stiffener (Blanket Box) (Tread Plate)	3	
ADE(V)44-470	Shroud - Light Switch	3	
ADE(V)44-50	Cross Member Assy	7	
ADE(V)44-173	Sealing Rubber	1	
ADE(V)44-203	Sealing Rubber	1	
ADE(V)44-204	Sealing Rubber	2	
ADE(V)44-205	Sealing Rubber	1	
ADE(V)44-206	Sealing Rubber	1	
PMC TR217	"D" Lashing Bracket	2	
266818	Bridge Sign	1	
303876	Hinge (Tool Box)	2	
303877	Lock Hasp (Tool Box)	1	
0111152	Wheel Brace and Budget Key	1	
	Rear Number Plate		
	Illumination Lamp.	1	
	Winch Rope (When a winch is fitted).	1	

Clamp Hose Worm Drive No. "Q"	
Utilux No.H540	4
ADE(V)44-527 Tube Filler (Complete)	
Modified	2
ADE(V)44-472 Breather Pipe Petrol Tank	2 *
ADE(V)44-487/1 Hose, Fuel Filler. LH	1 *
ADE(V)44-487/2 Hose, Fuel Filler, RH	1 *

Items marked with an asterisk will be supplied in aid by Department of Army.

7. NOTES

7.1 Intended Use

These chassis will be fitted at a later date with ambulance bodies and will be used by the Army Medical Services.

7.2 Ordering Data

Procurement documents should specify the following:

- 7.2.1 Title, number and date of this specification.
- 7.2.2 Details of the type of preservation, packaging identification, labelling etc, to be used by the contractor.
- 7.2.3 Whether a winch shall be fitted (see para 4.1.3.11).

Prepared by: Army Design Establishment, for the
Master-General of the Ordnance,
Army Headquarters,
MELBOURNE, C.1.

Copies of this specification may be obtained from:

Chief Superintendent,
Army Design Establishment,
Private Bag No.12,
P.O. ASCOT VALE, VICTORIA.

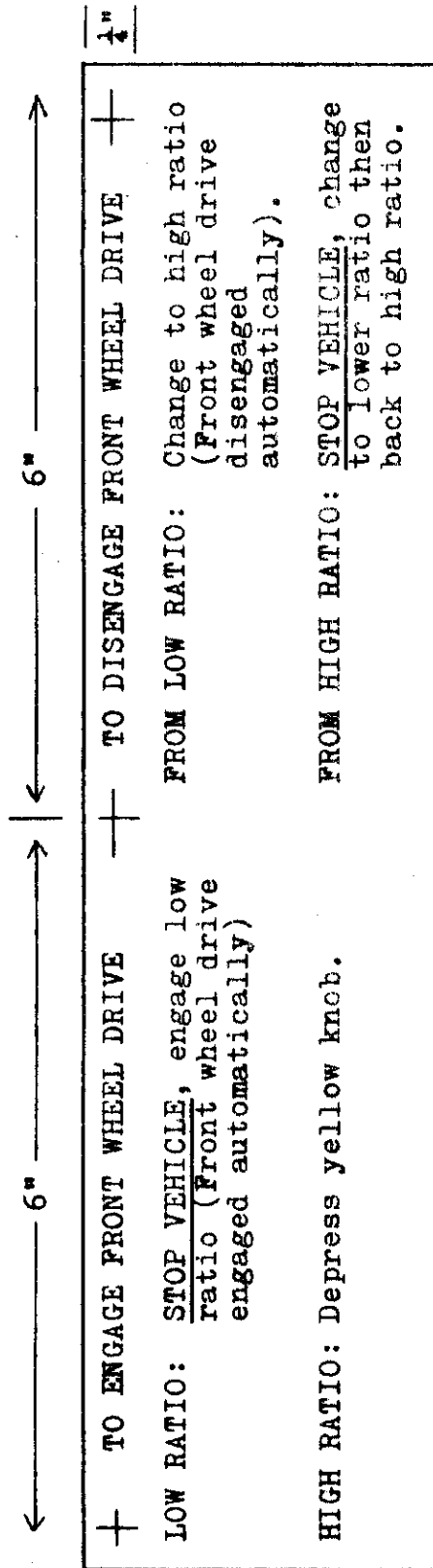
RADIO INTERFERENCE SUPPRESSION

1. From the commercial vehicle, the Contractor shall remove the battery bond between the engine and chassis. This is located on the off side of the vehicle. To replace this bond, the Contractor shall fit three bonding straps located as follows:
 - (a) Across the rubber engine mounting, adjacent to the generator.
 - (b) Between the flywheel housing and the chassis, on the generator side.
 - (c) Between the cabin floor and the transmission, adjacent to the gear lever.
2. In addition two extra bonding straps shall be fitted on the bonnet; located on either side, to ensure that the bonnet is earthed at all times.
3. The ignition coil shall be removed from the bulkhead and relocated in an upright position on a bracket, between plugs 3 and 4, on the engine. The bracket shall be held by two cylinder head bolts.
4. The Contractor shall fit five $\frac{1}{2}$ uF capacitors in the following locations:-
 - (a) Connected to each windscreen wiper battery terminal and earthed to the motor frame.
 - (b) Connected to the battery terminal of the ignition coil and earth.
 - (c) Connected between the 'B' terminal of the alternator and earthed to the body of the alternator.
 - (d) Connected to the battery terminal of the ammeter.
5. The Contractor shall also supply (see para 6.2) one $\frac{1}{2}$ uF capacitor for connection, to the battery lead of the motor driving the roof mounted rotating red light, and earthing to the screw on the base plate of the light, when the chassis is fitted with a body.
6. Spark plugs with built-in 12,500 ohms resistors shall be fitted.
7. The standard Lucas Distributor Cap 418865 which has a built-in 12,500 ohms resistor shall be supplied.

SPECIFICATION ARMY(AUST)73

ANNEX 'B'

<u>SERVICING DATA:</u> TRUCK Ambulance 4 Stretcher GS, Land Rover Series 2A, 109 inch W.B.			
<u>TYRE INFLATION PRESSURES:</u>			
	Highway	Cross Country	Sand
front:	24 lbs	18 lbs	14 lbs
rear:	46 lbs	30 lbs	22 lbs
<u>LUBRICATION:</u> (Normal or tropical temperatures)			
Engine	OMD 110	Axles	OEP 600
Gear Box	OM 270	Swivel pin housing	OEP 600
Transfer Case	OM 270	Steering box	OEP 600
Power take-off	OM 270	Lubricating nipples	XG 279
Capstan Winch	OM 270	Master Cylinders	OX(Aust)9



LAYOUT OF INSTRUCTION PLATE 12 1/2" x 1 1/4"

LOCATION: On instrument panel above instruments and secured by 3 existing screws at 6-inch centres.

Vehicles supplied to this specification shall have the following component modification:-

1. Front Seat Squabs: The three drive screws, cup washers and the wire stretcher shall be removed from each squab and replaced by five No.6 by $\frac{1}{2}$ inch, csk raised head, self tapping screws (Parker Kalon, type A or approved equivalent) three in the existing holes and two midway between them. All screws shall have cup washers inserted under their heads.