



# Ministry of Defence

Army Equipment Support Publication

## TRUCK UTILITY LIGHT (TUL) HS, TRUCK UTILITY MEDIUM (TUM) HS AND (TUM) BATTLEFIELD AMBULANCE HS, ALL VARIANTS

This publication contains information covering the  
requirement of Category 532 at levels 2 - 4.


2320-D-128-532

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**AMENDMENT RECORD**

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2	Incorporated	Dec 19
3	Incorporated	Mar 20
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**PREFACE**

Sponsor: Operational Support Vehicles Programme (OSVP)  
Project Number: -  
File Ref: -  
Publication Authority: [REDACTED]

**INTRODUCTION**

- 1 Users should forward any comments on this publication in accordance with Army Equipment Support Publication (AESP) 0100-P-011-013. All comments are only to be submitted using the electronic and interactive Form 10 which can be accessed and downloaded from the Joint Asset Management and Engineering Solutions (JAMES) Portal (via Hot Topic – Forms) or from DR TDOL (F10).
- 2 All electronic Form 10s are to be completed and forwarded to the Form 10 cell using the instructions accompanying the form in its template location. Security procedures are to be observed in accordance with Joint Services Publication (JSP) 440.
- 3 The Form 10 procedure is only to be used for the purpose of commenting on the content of an individual AESP and must not be used:
  - 3.1 In place of the Equipment Failure Reporting (EFR) procedure outlined in The Land Equipment Unit Maintenance Standards (LEUMS).
  - 3.2 For subjects which are the concern of the Technical Staff Suggestions outlined in Army General and Administrative Instructions (AGAI):
- 4 AESPs are issued under United Kingdom (UK) Ministry Of Defence (MOD) authority and where AESPs specify action is to be taken, the AESP will of itself be sufficient authority for such action and also for the demanding of the necessary stores, subject to the provisions of Para 3 below.
- 5 The subject matter of this publication may be affected by Defence Instructions and Notices (DIN), Standard Operating Procedures (SOP) or by local regulations. When any such instruction, Order or Regulation contracts any portion of this publication it is to be taken as the overriding authority.

EQUIPMENT IDENTITY

6 The details are listed in Table 1.

TABLE 1 EQUIPMENT IDENTITY

Serial (1)	Nomenclature (2)	NSN (3)	Asset Code (4)
1	Ambulance Battlefield (HS) 4 Stretcher RHD 4x4 Land Rover 2.5 Tdi (Non EEGR)	2310-99-893-9746	NB 1047 3100
2	Ambulance Battlefield (HS) 4 Stretcher RHD 4x4 Land Rover 2.5 Tdi (EEGR)	2310-99-893-9971	NB 1047 3101
3	Ambulance Battlefield (HS) 4 Stretcher RHD 4x4 Land Rover 2.5 Tdi (Non EEGR) with Bowman NH	2310-99-908-6890	NB 1047 3160
4	Ambulance Battlefield (HS) 4 Stretcher RHD 4x4 Land Rover 2.5 Tdi (EEGR) with Bowman NH	2310-99-908-6891	NB 1047 3161
5	Ambulance Battlefield (HS) 4 Stretcher LHD 4x4 Land Rover 2.5 Tdi (EEGR)	2310-99-893-9970	NB 1047 8100
6	Ambulance Battlefield (HS) 4 Stretcher LHD 4x4 Land Rover 2.5 Tdi (EEGR) with Bowman NH	2310-99-908-6892	NB 1047 8160
7	Ambulance Battlefield (HS) 4 Stretcher RHD 4x4 Land Rover 2.5 Tdi (EEGR) Semi Water (Proofed for 600mm Depth)	2310-99-908-5445	NB 1048 3100
8	Ambulance Battlefield (HS) 4 Stretcher RHD 4x4 Land Rover 2.5 Tdi (EEGR) Semi Water (Proofed for 600mm Depth) with Bowman NH	2310-99-908-6893	NB 1048 3160
9	Ambulance Battlefield (HS) 4 Stretcher RHD 4x4 Land Rover 2.5 Tdi (EEGR) Tropical	2310-99-908-5446	NB 1049 3100
10	Ambulance Battlefield (HS) 4 Stretcher RHD 4x4 Land Rover 2.5 Tdi (EEGR) Tropical with Medical Monitoring IK	2310-99-908-6497	NB 1049 3101
11	Ambulance Battlefield (HS) 4 Stretcher RHD 4x4 Land Rover 2.5 Tdi (Non EEGR ) Tropical with Medical Monitoring IK	2310-99-908-6550	NB 1049 3102
12	Ambulance Battlefield (HS) 4 Stretcher RHD 4x4 Land Rover 2.5 Tdi (EEGR) Desert with Medical Monitoring IK	2310-99-908-6705	NB 1049 3103
13	Ambulance Battlefield (HS) 4 Stretcher RHD 4x4 Land Rover 2.5 Tdi (Non EEGR) Desert with Medical Monitoring IK	2310-99-908-6706	NB 1049 3104
14	Ambulance Battlefield (HS) 4 Stretcher RHD 4x4 Land Rover 2.5 Tdi (EEGR) Tropical with Bowman NH	2310-99-908-6894	NB 1049 3160
15	Ambulance Battlefield (HS) 4 Stretcher RHD 4x4 Land Rover 2.5 Tdi (EEGR) Tropical with Bowman NH & Medical Monitoring IK	2310-99-908-6895	NB 1049 3161
16	Ambulance Battlefield (HS) 4 Stretcher RHD 4x4 Land Rover 2.5 Tdi (Non EEGR )Tropical With Bowman NH & Medical Monitoring IK	2310-99-908-6896	NB 1049 3162
17	Truck Utility Light (HS) GS (Soft Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) Winter/Water	2320-99-893-9933	NB 4219 3100

(continued)

TABLE 1 EQUIPMENT IDENTITY (continued)

Serial (1)	Nomenclature (2)	NSN (3)	Asset Code (4)
18	Truck Utility Light (HS) GS (Soft Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR)	2320-99-893-9741	NB 4220 3100
19	Truck Utility Light (HS) GS (Soft Top) LHD 4x4 Land Rover 2.5 Tdi (EEGR)	2320-99-893-9964	NB 4220 8100
20	Truck Utility Light (HS) GS (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) Winter	2320-99-908-5441	RB 4224 3100
21	Truck Utility Light (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR)	2320-99-893-9742	NB 4225 3100
22	Truck Utility Light (HS) FFR (Hard Top) LHD 4x4 Land Rover 2.5 Tdi (EEGR)	2320-99-893-9965	NB 4225 8100
23	Truck Utility Light (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) Winter/Water	2320-99-893-9935	NB 4226 3100
24	Truck Utility Light (HS) FFR (Soft Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR)	2320-99-893-9936	NB 4228 3100
25	Truck Utility Light (HS) FFR (Soft Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) Air Dropable	2320-99-908-5442	NB 4232 3100
26	Truck Utility Medium (HS) GS (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) Heli Support	2320-99-908-5449	RB 5006 3100
27	Truck Utility Medium (HS) GS (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) Winter/Water	2320-99-893-9938	NB 5008 3100
28	Truck Utility Medium (HS) GS (Soft Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) Winter/Water	2320-99-893-9939	NB 5009 3100
29	Truck Utility Medium (HS) GS (Soft Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) Winter / Water with Bowman NH	2320-99-908-6924	NB 5009 3160
30	Truck Utility Medium (HS) GS (Soft Top) RHD 4x4 Land Rover 2.5 Tdi (Non EEGR)	2320-99-893-9743	NB 5010 3100
31	Truck Utility Medium (HS) GS (Soft Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR)	2320-99-893-9963	NB 5010 3101
32	Truck Utility Medium (HS) GS (Soft Top) RHD 4x4 Land Rover 2.5 Tdi (Non EEGR) with Bowman NH	2320-99-908-6904	NB 5010 3161
33	Truck Utility Medium (HS) GS (Soft Top) RHD 4x4 Land Rover 2.5 Tdi (Non EEGR) with BOWMAN SH	2320-99-908-6905	NB 5010 3171
34	Truck Utility Medium (HS) GS (Soft Top) RHD 4x4 Land Rover 2.5 Tdi (Non EEGR) Trial Vehicle	2320-99-908-5511	NB 5010 3199
35	Truck Utility Medium (HS) GS (Soft Top) LHD 4x4 Land Rover 2.5 Tdi (EEGR)	2320-99-893-9966	NB 5010 8100
36	Truck Utility Medium (HS) GS (Soft Top) LHD 4x4 Land Rover 2.5 Tdi (EEGR) with Bowman NH	2320-99-908-6906	NB 5010 8160
37	Truck Utility Medium (HS) GS (Soft Top) LHD 4x4 Land Rover 2.5 Tdi (EEGR) with Bowman SH	2320-99-908-6907	NB 5010 8170
38	Truck Utility Medium (HS) GS (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR)	2320-99-893-9940	NB 5017 3100
39	Truck Utility Medium (HS) GS (Hard Top) LHD 4x4 Land Rover 2.5 Tdi (EEGR)	2320-99-893-9967	NB 5017 8100

(continued)



TABLE 1 EQUIPMENT IDENTITY (continued)

Serial (1)	Nomenclature (2)	NSN (3)	Asset Code (4)
40	Truck Utility Medium (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR)	2320-99-893-9744	NB 5020 3100
41	Truck Utility Medium (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) [REDACTED]	2320-99-908-5944	NB 5020 3101
42	Truck Utility Medium (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) [REDACTED]	2320-99-908-5945	NB 5020 3102
43	Truck Utility Medium (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) [REDACTED]	2320-99-908-5946	NB 5020 3103
44	Truck Utility Medium (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) [REDACTED]	2320-99-908-6066	NB 5020 3104
45	Truck Utility Medium (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) [REDACTED]	2320-99-908-6417	NB 5020 3107
46	Truck Utility Medium (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) with Bowman NH	2320-99-908-6913	NB 5020 3160
47	Truck Utility Medium (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) with Bowman SH	2320-99-908-6914	NB 5020 3170
48	Truck Utility Medium (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) with BOWMAN BF LAS	2320-99-908-6911	NB 5020 3180
49	Truck Utility Medium (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) with BOWMAN FF LAS	2320-99-908-6912	NB 5020 3190
50	Truck Utility Medium (HS) FFR (Hard Top) LHD 4x4 Land Rover 2.5 Tdi (EEGR)	2320-99-893-9968	NB 5020 8100
51	Truck Utility Medium (HS) FFR (Hard Top) LHD 4x4 Land Rover 2.5 Tdi (EEGR) [REDACTED]	2320-99-908-6492	NB 5020 8104
52	Truck Utility Medium (HS) FFR (Hard Top) LHD 4x4 Land Rover 2.5 Tdi (EEGR) with Bowman NH	2320-99-908-6918	NB 5020 8160
53	Truck Utility Medium (HS) FFR (Hard Top) LHD 4x4 Land Rover 2.5 Tdi (EEGR) with Bowman SH	2320-99-908-6919	NB 5020 8170
54	Truck Utility Medium (HS) FFR (Hard Top) LHD 4x4 Land Rover 2.5 Tdi (EEGR) with Bowman BF LAS	2320-99-908-6916	NB 5020 8180
55	Truck Utility Medium (HS) FFR (Hard Top) LHD 4x4 Land Rover 2.5 Tdi (EEGR) with Bowman FF LAS	2320-99-908-6917	NB 5020 8190
56	Truck Utility Medium (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) Winter/Water	2320-99-893-9941	NB 5021 3100
57	Truck Utility Medium (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) Winter/Water with Bowman NH	2320-99-908-6926	NB 5021 3160
58	Truck Utility Medium (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) Winter/Water with Bowman SH	2320-99-908-6927	NB 5021 3170
59	Truck Utility Medium (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) Winter/Water with Bowman BF LAS	2320-99-908-6928	NB 5021 3180

(continued)

TABLE 1 EQUIPMENT IDENTITY (continued)

Serial (1)	Nomenclature (2)	NSN (3)	Asset Code (4)
60	Truck Utility Medium (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) Winter/Water with Bowman FF LAS	2320-99-908-6920	NB 5021 3190
61	Truck Utility Medium (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) with Commander's IK	2320-99-908-5720	NB 5022 3100
62	Truck Utility Medium (HS) FFR (Soft Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR)	2320-99-893-9745	NB 5031 3100
63	Truck Utility Medium (HS) FFR (Soft Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) with Bowman NH	2320-99-908-6922	NB 5031 3160
64	Truck Utility Medium (HS) FFR (Soft Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) with Bowman SH	2320-99-908-6923	NB 5031 3170
65	Truck Utility Medium (HS) FFR (Soft Top) LHD 4x4 Land Rover 2.5 Tdi (EEGR)	2320-99-893-9969	NB 5031 8100
66	Truck Utility Medium (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) [REDACTED]	2320-99-908-5272	NB 5035 3100
67	Truck Utility Medium (HS) GS (S/Wagon) RHD 4x4 Land Rover 2.5 Tdi (EEGR) 110 Media Operations Support Vehicle	2320-99-908-6976	NB 5040 3100
68	Truck Utility Medium (HS) FFR (Hard Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) Winter Heli Support vehicle	2320-99-908-5450	RB 5042 3100
69	Truck Utility Medium (HS) FFR 4x4 Land Rover 2.5 TDi (w/EEGR) Scout	2320-99-908-7633	NB 5033 3100
70	Truck Utility Medium (HS) GS (Soft Top) RHD 4x4 Land Rover 2.5 Tdi (EEGR) [REDACTED]	2320-99-490-5237	NB 5037 3100
71	Truck Utility Medium (HS) 4x4 GS (Hard Top) Land Rover 130 2.5 Tdi Double Cab Pickup (DCPU)	2320-99-908-7750	NB 5045 3100
72	Truck Utility Medium (HS) 4x4 GS (Soft Top) Land Rover 130 2.5 Tdi Double Cab Pickup (DCPU)	2320-99-908-7876	NB 5046 3100

## 7 Manufacturer:

7.1 Rover Group Ltd, Solihull, England.

**RELATED AND ASSOCIATED PUBLICATIONS**

**Related Publications**

8 The AESP Octad for the subject equipment consists of the publications shown below. All references are prefixed with the first eight digits of this publication.

Category/Sub-category			Information Level			
			1 User/ Operator	2 Unit Maintenance	3 Field Maintenance	4 Base Maintenance
1	0	Purpose and Planning Information	101	101	101	101
	1	Equipment Support Policy Directives	111	111	111	111
	2	Cancellation Instructions	*	*	*	*
2	0	Operating Information	201	201	201	201
	1	Aide-Memoire	211	211	*	*
	2	Training Aids	*	*	*	*
3		Technical Description	302	*	*	*
4	1	Installation Instructions	411	411	411	411
	2	Preparation for Special Environments	421	421	421	421
5	1	Failure Diagnosis	*	512	512	512
	2	Maintenance Instructions	*	522	523	524
	3	Inspection Standards	*	532	533	533
	4	Calibration Procedures	*	*	524	524
6		Maintenance Schedules	601	601	601	601
7	1	Illustrated Parts Catalogues	*	711	711	711
	2	Commercial Parts Lists	*	721	721	721
	3	Complete Equipment Schedule, Production	*	*	*	*
	4	Complete Equipment Schedule, Service Edition (Simple Equipment)	741	741	741	741
	5	Complete Equipment Schedule, Service Edition (Complex Equipment)	*	*	*	*
8	1	Modification Instructions	811	811	811	811
	2	General Instructions, Special Technical Instructions and Servicing Instructions	821	821	821	821
	3	Service Engineered Modification Instructions (RAF only)	*	*	*	*

\* Category/sub-category not published

**Associated Publications**

9 The following associated publications should be read in conjunction with this category:

Reference	Title
AESP 0200-A-307-013	All Arms Equipment Recovery Manual
AESP 0200-A-062-013	Management and Control of Equipment Support Units Casting And Damage Reporting Procedures for all Equipments
AESP 2320-D-128-522	Truck Utility Light (TUL) HS, Truck Utility Medium (TUM) HS and (TUM) Battlefield Ambulance HS, All Variants
JSP 375 Vol 2	Management of Health and Safety in Defence
JSP 800	Defence Movements and Transport Regulations
LEUMS	Land Equipment User Maintenance Standard

**WARNINGS AND CAUTIONS****WARNING**

10 The following WARNING is used in this document:

**CHECK COMPRESSION TESTER NOZZLE PROTRUSION INTO SLEEVE.**

**CAUTION**

11 The following CAUTION is used in this document:

**ROLLER BRAKE TESTER. Before testing the four wheel drive vehicles on a roller brake tester, the centre differential MUST BE DISENGAGED, the transfer box MUST BE IN NEUTRAL, and with one axle stationary, the axle being tested MUST NOT BE REVOLVED IN EXCESS OF 3 mph (5 km/h) approx.**

**ABBREVIATIONS AND SYMBOLS**

**ABBREVIATIONS**

12 The following abbreviations are used in this category:

<b>Abbreviation</b>	<b>Definition</b>
AESP	Army Equipment Support Publication
Amdt	Amendment
AQL	Acceptance Quality Levels
C	Celsius
Cat	Category
DE&S	Defence Equipment and Support
DINs	Defence Instructions and Notices
EFR	Equipment Failure Reporting
FFR	Fit For Radio
ft	foot
GS	General Service
HS	High Specification
IK	Installation Kit
in	Inch
JSP	Joint Service Publication
km/h	Kilometres per hour
LAG	Local Awards Group
lbf	Pound-force
LEUMS	Land Equipment Unit Maintenance Standards
LHD	Left Hand Drive
m	Metre
mm	Millimetre
MOD	Ministry of Defence
mph	Miles per hour
OSVP	Operational Support Vehicles Programme

(continued)

**ABBREVIATIONS (continued)**

Para	Paragraph
RAF	Royal Air Force
RHD	Right Hand Drive
s	Seconds
SOPs	Standard Operating Procedures
TUL	Truck Utility Light
TUM	Truck Utility Medium
V	Volt

**SYMBOLS**

13 The following symbols are used in this category:

<b>Symbol</b>	<b>Nomenclature</b>
+ve	Positive
-ve	Negative
°	Degree (Angle/Temperature)

CHAPTER 1

INSPECTION STANDARD PART 1

CONTENTS

Para

- 1 Equipment identity
- 2 Introduction
- 5 Index to schedules

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**EQUIPMENT IDENTITY**

1 The equipment included are:

1.1 Truck Utility Light (TUL) High Specification (HS), Truck Utility Medium (TUM) HS and Battlefield Ambulance (HS).

**INTRODUCTION**

2 This publication details the Acceptable Quality Levels (AQL) for the complete equipment to meet the quality standard at levels 2 and 3.

3 It is to be applied in conjunction with the general principles contained in Chapter 150 of EMER T & M A 028.

4 The following abbreviations are used: H = High L = Low

**INDEX TO SCHEDULES**

5 Main breakdown of inspection and testing of complete equipment is as follows:

5.1 Serial:

- 5.1.1 Engine (WARNING)
- 5.1.2 Clutch
- 5.1.3 Gearbox
- 5.1.4 Transfer box
- 5.1.5 Axles
- 5.1.6 Steering
- 5.1.7 Brakes
- 5.1.8 Suspension
- 5.1.9 Road test
- 5.1.10 Static roller brake test equipment (CAUTION)
- 5.1.11 Commanders IK



TABLE 1 SCHEDULE

Serial (1)	Detail (2)	Acceptable Quality Level		Remarks (5)
		Level 2 (3)	Level 3 (4)	
1	<p><b>ENGINE</b></p> <p>1.1 Compression pressure at starter cranking speed, normal operating temperature, all injectors removed</p> <p>1.2 Maximum variation between cylinders</p> <p>1.3 Fan belt adjustment remaining (belt at correct tension)</p> <p>1.4 Top alternator belt adjustment (belt at correct tension)</p> <p>1.5 Maximum governed speed at full load</p> <p>1.6 Lubricating oil pressure (hot) at 2000 rev/min</p> <p>1.7 Engine (hot) to idle smoothly at</p> <p>1.8 Coolant temperature (maximum)</p> <p>1.9 Viscous fan, examine for damage and fluid leaks</p>	<p>L 24 bar (360 lbf/in<sup>2</sup>)</p> <p>H 33 bar (500 lbf/in<sup>2</sup>)</p> <p>H 2.07 bar (30 lbf/in<sup>2</sup>)</p> <p>Automatic</p> <p>L 12 mm (0.5 in.)</p> <p>H 25 mm (1.0 in.)</p> <p>4000 rev/min.</p> <p>Oil warning light to be out at idle speed</p> <p>780 rev/min</p> <p>95 deg C (203 deg F)</p> <p>The viscous fan is non repairable and should be replaced if faulty</p>	<p>H 4.8 bar (70 lbf/in<sup>2</sup>)</p> <p>L 2.0 bar (30 lbf/in<sup>2</sup>)</p>	<p><b>WARNING</b> <b>CHECK</b> <b>COMPRESSION</b> <b>TESTER NOZZLE</b> <b>PROTRUSION INTO</b> <b>SLEEVE.</b></p> <p>Measured at longest free run of belt.</p> <p>Maximum no load speed 4480 - 4620 rev/min</p>
2	<p><b>CLUTCH</b></p> <p>2.1 Clutch pedal free movement</p>	<p>H = 25.4 mm (1.0 in.)</p> <p>L = 12.7 mm (0.5 in.)</p>		
3	<p><b>GEARBOX</b></p> <p>3.1 Performance</p>	<p>All gears selectable with no excessive noise or vibration</p>		

(continued)

TABLE 1 SCHEDULE (continued)

Serial (1)	Detail (2)	Acceptable Quality Level		Remarks (5)
		Level 2 (3)	Level 3 (4)	
4	<b>TRANSFER BOX</b>			Measured at the rear output shaft with the input and rear output shafts locked and the centre differential lock engaged in high range
	4.1 Angular backlash Ratio			
	1.214:1	5 Deg 58 Minutes (5.966 Deg)		
	1.410:1	5 Deg 56 Minutes (5.933 Deg)		
5	<b>AXLES</b>			
	5.1 Rear axle, backlash measured at wheel (input held)	H = 63 mm (2.5 in.) L = 30 mm (1.18 in.)	H = 50.8 mm (2.0 in.) L = 30 mm (1.18 in.)	
	5.2 Front axle, backlash measured at wheel (input held)	H = 63 mm (2.5 in.) L = 30 mm (1.18 in.)	H = 50.8 mm (2.0 in.) L = 30 mm (1.18 in.)	
6	5.3 Wheel hubs, rimrock (no perceptible clearance in swivel pins)	H = 3 mm (0.125 in.) L = 0.0 mm (0.0 in.)		H = 1.5 mm (0.06 in.) L = 0.0 mm (0.0 in.)
	<b>STEERING</b>			
	6.1 Toe out	H = 2.4 mm (0.1 in.) L = 1.2 mm (0.05 in.)		
6	6.2 Free play, measured at steering wheel rim	H = 89 mm (3.5 in.) L = 25.4 mm (1.0 in.)		H = 63 mm (2.5 in.) L = 25.4 mm (1.0 in.)
	6.3 Turning circle between kerbs			
	6.3.1 TUL	██████████		
	6.3.2 TUM	██████████		
	6.3.3 Battlefield Ambulance	██████████		

(continued)

TABLE 1 SCHEDULE (continued)

Serial (1)	Detail (2)	Acceptable Quality Level		Remarks (5)
		Level 2 (3)	Level 3 (4)	
7	<b>BRAKES</b>			
	7.1 Free movement at top of brake pedal	H = 25.4 mm (1.0 in.) L = 12.7 mm (0.5 in.)		
	7.2 Thickness of front brake pads	H = 12 mm (0.5 in.) L = 4 mm (0.16 in.)	H = 12 mm (0.5 in.) L = 5 mm (0.2 in.)	
	7.3 Thickness of rear brake pads	H = 9 mm (0.375 in.) L = 3 mm (0.125 in.)	H = 9 mm (0.375 in.) L = 4 mm (0.16 in.)	
	7.4 Thickness of transmission brake linings	H = 4.7 mm (0.18 in.) L = 2.3 mm (0.10 in.)		H = 4.7 mm (0.18 in.) L = 3 mm (0.125 in.)
8	<b>SUSPENSION</b>			
	Permissible variation between vehicle's sides in front or rear suspension height	H = 25.4 mm (1.0 in.) L = 12.7 mm (0.5 in.)		Tyre pressure correct. Vehicle on a hard level surface.
9	<b>ROAD TEST</b>			
	9.1 Engine 2.5 litre Diesel time to accelerate from 32 to 64 km/h (20 to 40 mph) in 4 <sup>th</sup> gear on level ground	Average = 14 s		Unladen
	9.2 Brake efficiency by Tapley brake test meter	Low = 50 % Average = 59%		Unladen
	9.3 Distance to pull up from 32 km/h (20 mph) on dry level surface	Average = 7 m (24 ft)		
	9.4 Handbrake to hold on gradient of not less than	1 in 3 18.5 deg		

(continued)

TABLE 1 SCHEDULE (continued)

Serial (1)	Detail (2)	Acceptable Quality Level		Remarks (5)
		Level 2 (3)	Level 3 (4)	
10	<p><b>STATIC ROLLER BRAKE TEST EQUIPMENT CAUTION</b></p> <p><b>ROLLER BRAKE TESTER.</b> Before testing the four wheel drive vehicles on a roller brake tester, the centre differential <b>MUST BE DISENGAGED</b>, the transfer box <b>MUST BE IN NEUTRAL</b>, and with one axle stationary, the axle being tested <b>MUST NOT BE REVOLVED IN EXCESS OF 3 mph (5 km/h) approx.</b></p>			
	10.1 Brake efficiency of vehicle - unladen	Minimum = 50%		
11	<p><b>COMMANDER'S IK</b></p> <p>11.1 Installed 220 V and 220/240 V Electrical Circuits</p>	To be inspected and tested by a Competent Person in accordance with IEE Regulations 17.		Test and inspection documents should be added to Vehicle Docs. Maintenance Interval 12 Monthly
12	<p><b>SEAT BELT</b></p> <p>12.1 All 4-point harnesses must be fitted with a seat belt cutter on the left hand shoulder strap (closed end of pouch uppermost). The cutter blade is to be free from damage, corrosion or debris</p>	The plastic cutter handle is to be crack free and the mounting pouch free from damage with correctly retaining hook and loop tape.		