## CHAPTER 3 - TOOLS, SPARES AND STOWAGE

1. This chapter is included as an amplification of the Complete Equipment Schedule (CES), and is intended to assist in the identification of the vehicle equipment.
2. This chapter is not intended to be used in place of the CES for tool checks, etc, as items which are permanently in position on the vehicle are not shown in the layouts of tools and spares.
3. The layouts of equipment will assist the crew to identify particular items in the CES. The stowage sketches have been omitted from this chapter, as it is not practical to illustrate the stowage arrangements owing to the diversity of vehicles and operational equipment required for the particular roles.

Layout No. 1 ... Handtools and servicing equipment
Layout No. 2 ... Miscellaneous equipment
Layout No. 3 ... Miscellaneous equipment
Layout Mo. 4 ... Vision and sighting equipment
Layout No. 5 ... Tools, spares and equipment for MG . 30 (Browning)
Layout Ho. $6 \ldots$ Tools, spare and equipment for GPMG 7.62 mm
Layout No. 7 ... Flotation struts and support bar


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| 1 | Wheel nut spanner |
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| 2 | Jack handle |
| 3 | Oil can, 1/2 pint |
| 4 | Tomny bar |
| 5 | Hydraulic jack, 4 ton |
| 6 | Oil can, 1 qt |
| 7 | Starting handle |
| 8 | Tool bag |
| 9 | Foot pump |
| 10 | Key, engine cover |
| 11 | Wire cutters |
| 12 | Key, drain plug |
| 13 | Injector, oil |
| 14 | Grease gun |
| 15 | Grease gun (alternative) |

16 Pressure gauge, tyre
17 Pliers, 6 inch
18 Screwdriver, 5 inch
19 Tonny bar
20 Hammer, $1 / 1 /$ 1b
21 Spanner OJDE, 15/16 inch $\times 1$ inch AF
22 Spanner OJDE, 9/16 inch $\times 5 / 8$ inch AF
23 Spanner OJDE, $7 / 16$ inch $\times 1 / 2$ inch $A F$
24 Spanner OJDE, $3 / 8$ inch $\times 7 / 16$ inch BSW
25 Spanner, box, $7 / 8$ inch $\times 15 / 16$ inch $A F$
26 Spanner: box, $5 / 8$ inch $\times 3 / 4$ inch $A F$
27 Spanner, box, $1 / 2$ inch $\times 9 / 16$ inch AF
28 Key, flywheel plug
29 Spanner, sparking plug
30 Spanner, adjustable, 12 inch

Layout No. I

Chap. 3 - Tools,
Spares and Stowage


1 Brush, cleaning
2 Funnel, gasoline filler
3 Towing rope, Mk 1 , 15 ft
4 Bucket, canvas
5 Brush, cleaning
6 Pickaxe head, 4/2 1b

7 Shovel GS
8 Pickaxe helve
9 Brush, cleaning
10 Padlock, IG, 4 lever, $11 / 2$ inch
11 Matchet
12 Sheath, matchet

Layout No. 2


1 Water container, plastic, 5 gallon
2 Pots, cooking
3 Strap

4 Case, signal pistol
5 Signal pistol, No. 1, Mk 5
6 Cooker, portable, No. 2 Mk 1

Layout No. 3

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1 Periscope tank, No. 17, Mk 3
2 Inspection light, No. 2, Mk 1
3 Windscreen assembly

4 Sight, periscope, AFV No. 3
5 Anti-dim

Layout No. 4

Chap. 3 - Tools. Spares and Stowage


1 Cover spare barrel
Mount, tripod
Mounting yoke
Holdall
Barrel (spare)
Case, cleaning rod
7 Extractor, ruptured cartridge
8 Wrench, socket (front, barrel, bearing plug)
Fitting, tripod
10 Rod, cleaning, jointed
11 Brushes, cleaning . 30 (wire)
12 Wrench, combination
13 Extractor assembly
14 Bolt

15 Barrel extension
16 Spring, sear
17 Cocking lever
18 Pin, bolt
19 Extractor
20 Muzzle cover
21 Firing pin
22 Lock, breech
23 Pin, lock breech
24 Spring, cover
25 Oil can
26 Case spare parts
27 Spring, driving
28 Spring rod

Layout No. 5

Chap. 3 - Tools,
Spares and Stowage


1 Cleaning tool SA No. 4
2 Brush, cleaning, piston and gas regulator
3 Wallet spare parts and tools
4 Brush, cleaning, chamber and gas cylinder
5 Brush, cleaning, bore
6 Brush, cleaning, SA No. 3, Mk 1
7 Oiler, hand, No. 1, Mk 1
8 Rod cleaning 7.62 barrel and gas cylinder Mk 1
9 Tool, removing extractor
10 Cleaning tool MG 7.62
11 Ring, retaining
12 Plug, gas regulator
13 Nut, regulator spindle
14 Extractor, ruptured cartridge
15 Spring assembly, return
16 Pin, rear mounting
17 Breech block and piston assembly
Layout No. 6

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1 Screen front support bar
2 Screen struts (short)

3 Screen repair outfit
4 Screen struts (long)

Layout No. 7

