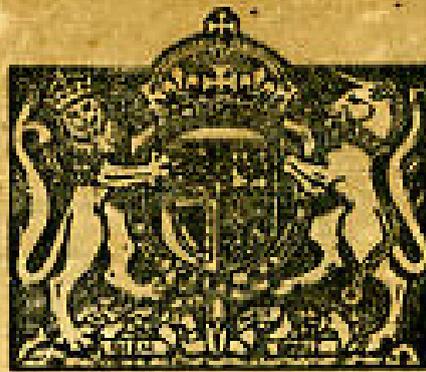


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HANDBOOK
FOR THE
**ORDNANCE, Q.F. 25-PR.,
MARKS II AND III**
ON
CARRIAGE, 25-PR. MARK I
AND
MOUNTING, S.P. 25-PR., C MARK I
AND
**MOUNTING, VALENTINE, 25-PR.,
GUN, MARK I**
LAND SERVICE
1944

CHAPTER VII

POSITION OF STORES CARRIED ON VEHICLES

NOTE.—These lists are only amended periodically and are therefore not necessarily in agreement with the latest approved scales.

The contents of the ensuing lists are based on a 4-gun troop of two sections of four sub-sections.

MARK I CARRIAGE

Article	No.	Where carried
Adapter, pump, No. 4	2	In tool roll.
Apparatus, illuminating, sight, No. 6	1	Left rear of shield.
Axe, pick, 4½ lb.—		
Head	1	Right bracket of trail (outside).
Helve	1	Right bracket of trail (inside).
Box, spade	1	Across trail brackets.
Box, spare springs, keep pins, washers and insulators, No. 1	1	In spare parts box.
Box, spare parts, 25-pr. carriage	1	Right rear of shield.
Box, tool, 25-pr. carriage	1	On right of carriage, above axle.
Brush, breech screw	1	In tool box.
Can, lubricating, No. 11	1	On saddle.
Caps, sponge, No. 6	2	Right rear of shield.
Carrier, Nos. 7 to 7C dial sight, No. 18	1 (a)	On carriage.
Case—		
Field clinometer, No. 1	1	Right rear of shield.
Fuze key, No. 1	1	Left bracket of trail.
Nos. 7 to 7C dial sight	1	Right rear of shield.
Sighting telescope, No. 6	1	Left rear of shield.
Cleaner—		
Flasbu, No. 18	1	Right rear of shield.
Wool, No. 1	1	Right rear of shield.
Clinometer—		
Field	1 (b)	In case, right rear of shield.
Sight	1 (a)	In case, left rear of shield.
Covers—		
Breech	1	} Across trail brackets when not in use.
Muzzle	1	
Carriage	1	
Sight	1	
Drifts—		
No. 1	1	In tool roll.
No. 2	1	In tool roll.
No. 18	1	In tool roll.
No. 27	1	In tool roll.
Funnel, filling, No. 10, Mark I	1	In stores tray.
Gauge, striker protrusion, No. 10	1	In spare parts box.
Hammers—		
Carpenters, claw, 1 lb. 8 oz.	1	In tool roll.
Lead, B.L. and Q.F. guns	1 (b)	In tool roll.
Handspikes, 25-pr. carriage	2	Outside right bracket of trail.
Implements, ammunition—		
Keys, No. 120	2	In case, left bracket of trail.
Keys—		
Cap square—		
No. 11	1	In tool roll.
No. 12	1	In tool roll.
M.V. corrector scale reader	1 (c)	In tool roll.
Removing jammed Q.F. cartridges, No. 1	1 (b)	In tool roll.
Lanyard, cocking, No. 4	1	In spare parts roll.
Ordnance, Q.F. 25-pr., Mk. II—		
Bush, firing hole, breech block (spare)	1	In spare parts box.

Article	No.	Where carried
Ordnance, Q.F. 25-pr., Mk. II— <i>contd.</i>		
Lever, control—		
Pin, retaining plunger (spare)	1	In spare parts box.
Spring (spare)	1	In spare parts box.
Pin, firing (spare)	1 (b)	In spare parts box.
Pins, keep, collar, actuating crank .. (spare)	2	In spare parts box.
Rollers, actuating crank (spare)	2	In spare parts box.
Springs—		
Buffer, breech block (spare)	1 (a)	In spare parts box.
Main, percussion striker (spare)	1 (a)	In spare parts roll.
Plunger, breech mechanism lever .. (spare)	1 (a)	In spare parts roll.
Retaining catch plunger, striker case .. (spare)	1 (a)	In spare parts box.
Safety catch plunger, striker case .. (spare)	1 (a)	In spare parts box.
Trigger sear, striker case (spare)	1 (a)	In spare parts box.
Sear, trigger, striker case (spare)	1 (a)	In spare parts roll.
Staple, retaining, firing pin (spare)	1	In spare parts roll.
Packing, asbestos, square, $\frac{1}{8}$ -in., 40 ins. long (lengths)	1	In spare parts roll.
Pad, knee, 25-pr. carriage	1	On left bracket of trail.
Pins, keep, split—		
$\frac{1}{8}$ in. \times $\frac{3}{4}$ in.	4	In spare parts box.
$\frac{1}{8}$ in. \times $1\frac{1}{4}$ in.	6	In spare parts box.
$\frac{1}{4}$ in. \times $1\frac{1}{4}$ in.	4	In spare parts box.
$\frac{1}{8}$ in. \times $2\frac{1}{4}$ in.	4	In spare parts box.
Platform, firing, No. 9	1	Under trail brackets.
Pliers, flat nose (prs.)	1	In tool roll.
Posts, aiming, crosshead, No. 1—		
Circular head	2 (e)	On front of shield.
Square head	2 (f)	On front of shield.
Rammer, Q.F. 25-pr., No. 1	1 (g)	Inside right trail bracket.
Rammer, Q.F. 25-pr., No. 2	1 (d)	Inside right trail bracket.
Rolls—		
Spare parts	1	In spare parts box.
Tool	1	In tool box.
Ropes, drag, No. 1	2	On front of shield.
Screwdrivers—		
Cabinet, 4 in.	3 (b)	In tool roll.
$2\frac{1}{2}$ in.	1	In tool roll.
Shovel, G.S.	1	On front of shield.
Sight, dial, No. 7 to 7C, 9 or 10	1	In case, right rear of shield.
Spanners, adjustable—		
11 in.	1 (b)	In tool roll.
15 in.	1	In tool roll.
Spanners—		
No. 244	1	In tool roll.
No. 781	1	In tool roll.
No. 782	1	In tool roll.
Stop, running back	1	On rear of cradle.
Telescope, sighting, No. 20	1	In case, left rear of shield.
Tool, artillery, No. 201	1	In tool roll.
Wrench, breech mechanism, No. 247	1	In spare parts roll.

(a) One additional allowed to each troop.
 (c) Two additional allowed each battery.
 (e) A and C sub-sections.

(b) Each section.
 (d) One additional allowed each section.
 (f) B and D sub-sections.

NO. 27 ARTILLERY TRAILER

(Plate 5.)

NOTE.—Trailers are interchangeable with regard to the carriage of stores.

Article	Carr. trailer	Section ammunition trailer		Where carried
		Front	Rear	
Apparatus, illuminating, aiming point, with post and spring	1	—	—	In stores tray
Axe, felling	1	1	—	In stores tray
Axe, pick, 4½ lb.—				
Head	1	1	—	In stores tray
Helve	1	1	—	In stores tray
Boxes—				
Charging pumps	—	—	1 (a)	In stores tray
Hydro-pneumatic packings, No. 1	1	—	—	In stores box
Lamp, sledge, to hold 2	1	—	—	In stores tray
No. 1 percussion primers	1	—	—	In stores box
Packing, washers, No. 3	1	—	—	In stores box
Spare springs, keep pins, washers and insulators, No. 1	1	—	—	In stores box
Store, 25-pr. Mark I carr.	1	—	—	In stores tray
Brace, wheel nut, for ½ in. Whit., light pattern	1	—	—	In stores box
Brush—				
Water carriage	1	1	—	As convenient
Wire wheels, to Spec. M.C.86A	1	—	—	In locker, amm. box
Bubble, spirit, glass, L. (spare)	1	—	—	In stores box
Buckets, water, canvas	2	1	—	In locker, amm. box
Cans, lubricating, No. 3	2	—	—	In stores box
Carriage, 25-pr., Mark I—				
Springs, plunger, firing gear (spare)	1 (a)	—	—	In stores box
Carriers, ammunition, Q.F. 25-pr.	1	2	2	In stores tray
Cartridges, Q.F. 25-pr., filled	32	32	32	In amm. box
Covers, apparatus, illuminating, aiming point (nets)	1	—	—	In stores tray
Crowbar, 4 ft. 1 in.	1	1	—	In stores tray
Ejector, projectile, Q.F. 25-pr.	—	—	1 (b)	In stores tray
Files—				
Second cut, half-round, 6 in.	1	—	—	In stores box
Smooth, flat, 6 in.	1	—	—	In stores box
Smooth, hand, saw edge, 8 in.	1	—	—	In stores box
Handle, small	1	—	—	In stores box
Gauge, tyre, low pressure, max. 50 lb. per sq. in., in cylindrical wooden box with screw lid	1	—	—	In stores box
Handspikes, 25-pr. carriage	1	1	—	In stores tray
Hook, bill	1	1	—	In stores tray
Hub, wheel, anti-friction, detachable, No. 24	—	—	1 (a)	On top of amm. box offside
Injector, lubricating, Tecalemit, type T.26 ..	1	—	—	In stores box
Implements, ammunition—				
Holder, cartridge, Q.F. 25-pr.	1 (a)	—	—	In stores box
Keys—				
No. 34, primers, 25-pr.	1 (a)	—	—	In stores box
No. 119, inserting or removing Nos. 220 and 221 fuzes	2	—	—	In stores box
No. 120, setting Nos. 220 and 221 fuzes	2	—	—	In stores box
No. 121, 2 in. percussion fuzes	1	—	—	In stores box
Pins, plain	4 (c)	—	—	In stores box
Jack, lifting, screw, 2½ tons	1 (a)	—	—	In stores tray
Handle	1 (a)	—	—	In stores tray
Lamps, sledge	2	—	—	In box, in stores tray

Article	Carr. trailer	Section ammunition trailer		Where carried
		Front	Rear	
Line, natural, hambro'	1	1	1	In locker, ammn. box
Pump, tyre, foot operated, multi-stage, without pressure gauge	1	—	—	In stores box
Ropes, drag, No. 1	2	1	—	In stores tray
Saws—				
Folding (in case)	1	—	—	In stores box
Hand, 26 in.	1	—	—	In stores box
Screws, adjusting, dial sight	2 (c)	—	—	In stores box
Screws, fixing, fuze, B .. (spare)	2 (c)	—	—	In stores box
Screwdrivers, cabinet, 4 in.	1	—	—	In stores box
Shells, Q.F. 25-pr.	32	32	32	In ammn. box
Shovel, G.S.	1	1	—	In stores tray
Spade, Mark III..	1	1	—	In stores tray
Spring, catch, No. 8 towing attachment hook	1	—	—	In stores box
Spring, clinometer	1 (f)	—	—	In stores box
Trailer, artillery, No. 27—				
Springs, pawl, brake operating gear (spare)	1	—	—	In stores box
Trays, ammunition, No. 4	16	16	16	In ammn. box
Washers, copper—				
$\frac{3}{8}$ in. ; $\frac{5}{8}$ in. ; 0.07 in. thick .. (spare)	1 (c)	—	—	In stores box
Washers, fibre—				
$\frac{1}{10}$ in. ; $\frac{1}{8}$ in. ; $\frac{1}{10}$ in. thick .. (spare)	1 (e)	—	—	In stores box
$\frac{5}{16}$ in. ; $\frac{3}{16}$ in. ; $\frac{1}{16}$ in. thick .. (spare)	1 (e)	—	—	In stores box
$\frac{5}{16}$ in. ; 0.53 in. ; $\frac{1}{16}$ in. thick .. (spare)	1 (e)	—	—	In stores box
$\frac{5}{16}$ in. ; $\frac{3}{8}$ in. ; $\frac{1}{16}$ in. thick .. (spare)	1 (e)	—	—	In stores box
1 in. ; $\frac{3}{4}$ in. ; $\frac{1}{16}$ in. thick .. (spare)	1 (e)	—	—	In stores box
2.52 in. ; 2 $\frac{1}{2}$ in. ; 0.08 in. thick .. (spare)	1 (d)	—	—	In stores box
3 $\frac{5}{16}$ in. ; 3 $\frac{1}{16}$ in. ; $\frac{1}{8}$ in. thick .. (spare)	1 (d)	—	—	In stores box
Wrench, adjusting, Nos. 7 to 7C dial sight and carriers	1 (a)	—	—	In stores box

(a) Each section.

(b) Each troop.

(c) Carried in Box, spare springs, keep pins, washers and insulators, No. 1.

(d) Carried in Box, packing washers, No. 3.

(e) Carried in Box, hydro-pneumatic packings, No. 1.

(f) According to Mark of clinometer in use.

LIST OF STRAPPING MARK I CARRIAGE

Designation	No.	Stores for which used	Where carried
Straps, securing—			
1 in. × 48 in.	2	Covers, various.	Across brackets of trail.
1 in. × 40 in.	2	Tool case.	Right bracket of trail.
1 in. × 34 in.	2	Spare parts case.	Right rear of shield.
1 in. × 26 in.	1	Handspikes.	Right bracket of trail.
1 in. × 26 in.	1	Manhandling ropes.	Front of shield.
1 in. × 12 in. Q.R.	1	Manhandling ropes.	Front of shield.
1 in. × 10 in.	1	Pick axe helve.	Right bracket of trail.
1 in. × 8 in.	1	Pick axe helve.	Right bracket of trail.
1 in. × 8 in.	2	Rammer.	Right bracket of trail.
1 in. × 8 in.	2	Shovel.	Front of shield.
1 in. × 6 in.	1	Pick axe.	Front bracket of trail.
$\frac{3}{4}$ in. × 22 in.	1	Field clinometer.	Right rear of shield.
Buckling pieces—			
Left	1	Dial sight case.	Right rear of shield.
Right	1	Dial sight case.	Right rear of shield.

NO. 27 ARTILLERY TRAILERS

Designation	Carr. trailer	Section ammunition trailer		Store for which used	Where carried
		Front	Rear		
Straps, securing— 1 in. x 60 in. D.L.	—	—	2	Charging pump box and ammunition carriers.	Stores tray.
1 in. x 60 in. D.L.	1	—	—	Siege lamp box, aiming point illuminating apparatus and ammunition carriers.	Stores tray.
1 in. x 47 in. D.L.	2	—	—	Store box, spade and shovel.	Stores tray.
1 in. x 40 in. D.L.	—	1	—	Pick axe, halve crowbar, shovel, spade, handspike and ammunition carriers.	Stores tray.
1 in. x 38 in. D.L.	—	1	—		
1 in. x 36 in. D.L.	—	1	—	Post of aiming point illuminating apparatus, handspike and crowbar.	Stores tray.
1 in. x 30 in. D.L.	1	—	—	Pick axe, felling axe and jack handle.	Stores tray.
1 in. x 28 in. D.L.	—	—	1	Projectile ejector.	Stores tray.
1 in. x 20 in. D.L.	1	—	—	Lifting jack.	Stores tray.
1 in. x 24 in. D.L.	—	1	—	Felling axe.	Stores tray.
1 in. x 20 in. D.L.	—	—	1	Projectile ejector.	Stores tray.
1 in. x 10 in. D.L.	1	1	—	Bill hook.	Stores tray.

Packing diagram.

NO. 27 ARTILLERY TRAILER

In Locker

1 brush, wire, wheels
1 line, natural, hampre'

On top

1 hub, wheel, detachable

16 cartridges	16 cartridges
16 shell	16 shell
8 trays amm.	8 trays amm.

On Stores Tray

1 app. illuminating, aiming point with post, spring and cover.
1 axe, felling.
1 axe, pick, 4½ lb.
1 box, charging pump.
1 box, lamp, siege, with lamps.
1 carrier, ammunition.
1 hook, bill.

1 box, store.
1 crowbar, 4 ft. 1 in.
1 ejector, projectile.
1 handspike, 25-pr. carriage.
1 jack, lifting, screw, 2½ tons with handle.
1 shovel, G.S.
1 spade.
2 ropes, drag, No. 1.

MARK I CARRIAGE

1 axe, pick head.

2 handspikes, 25-pr. carr.
1 rammer, Q.F. 25-pr.
1 axe, pick, halve.
1 box, tool, 25-pr.

1 box, spade.
1 can, oil, No. 11
(on saddle).
1 platform, firing.
1 cover, overall.
1 cover, breech.
1 cover, muzzle.
1 cover, sight.
1 stop, running back
(on cradle)

1 pad, knee, 25-pr.
1 case, fuse key, No. 1.
2 implements, amm.,
keys, No. 120.

In front

- 3 ropes, drag, No. 1.
 1 shovel, G.S.
 2 posts, aiming, crosshead, No. 1.

In rear

- 1 clinometer, sight in case.
 1 case, sighting telescope, No. 6.
 1 telescope, sighting, No. 29.
 1 apparatus, illuminating, sights.
 1 clinometer, field, in case.
 1 sights, dial No. 7 to 7C, in case.
 1 box, spare parts.
 1 cleaner, piazaba, No. 18.
 1 cleaner, wool, No. 1.
 2 caps, sponge, No. 6.

*Contents of stores box***Boxes—**

- Hydro-pneumatic packings, No. 1 1
 No. 1 percussion primers 1
 Packing washers, No. 3 .. 1
 Spare springs, keep pins, washers and insulators, No. 1 1
 Brace, wheel nut, for $\frac{1}{4}$ in. Whit., light pattern .. 1
 Bubble, spirit, glass, L. .. 1
 Cans, lubricating, No. 3 .. 2
Files—
 Second cut, half-round, 6 in. 1
 Smooth, flat, 6 in. .. 1
 Smooth, H.S.E. 8 in. .. 1
 Handle, small 1

- Gauge, tyre, low pressure, max. 50 lb. per sq. in., in cylindrical wooden box with screw lid .. 1
 Injector, lubricating, Tecalemit, type T.20.. 1
Implements, ammn.—
 Holder, cartridge .. 1
Keys—
 No. 34 1
 No. 119 2
 No. 120 2
 No. 121 1
 Pins, plain 4
 Pump, tyre, foot operated, multi-stage, with-out pressure gauge .. 1
 Saw, folding (in case) .. 1

- Saw, hand, 26 in. 1
 Screws, adjusting, dial sight.. 2
 Screws, fixing, fuse, B .. 2
 Screwdrivers, cabinet, 4 in. .. 1
 Springs, catch, No. 8 towing attachment hook 1
Washers, copper—
 $\frac{1}{8}$ in.; $\frac{1}{4}$ in.; 0.07 in. thick .. 1
Washers, fibre—
 $\frac{1}{16}$ in.; $\frac{1}{8}$ in.; $\frac{1}{16}$ in. thick .. 1
 $\frac{1}{16}$ in.; $\frac{1}{8}$ in.; $\frac{1}{16}$ in. thick 1
 $\frac{1}{16}$ in.; 0.63 in.; $\frac{1}{16}$ in. thick 1
 $\frac{1}{16}$ in.; $\frac{1}{8}$ in.; $\frac{1}{16}$ in. thick .. 1
 1 in.; $\frac{1}{4}$ in.; $\frac{1}{16}$ in. thick .. 1
 2.52 in.; 2 $\frac{1}{2}$ in.; 0.08 in. thick 1
 3 $\frac{1}{16}$ in.; 3 $\frac{1}{16}$ in.; $\frac{1}{4}$ in. thick 1