

Chapter I

(This chapter supersedes that issued with A.L.14)

SPECIAL TOOLS

(Mk. 1, 2, AND 3 SERIES EJECTION SEATS)

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TABLE 2
Mk. 2 and 3 ejection seats with Type 1, 1A and 2 ejection guns

Tool	Stores Ref. No.	Application
Combination spanner	27L/353	Access to primary and secondary cartridges
Pressers sealing pliers	1B/4122	Sealing locking wires securing primary, secondary and drogue gun cartridges (<i>not illustrated</i>)
Firing pin lifting tool	27L/98	Lifting firing pin of primary cartridge firing mechanism
Blocks, clamp	27L/91	Gripping cylinder tube in vice jaws
Spanners, release piston	27L/96	Restraining the release piston
Spanners, "C" (2 off)	27L/95	Removing and assembling cylinder head
Clips, piston ring	27L/92	Replacing piston tube in cylinder tube
Protrusion gauge	27L/186	Testing the firing pin protrusion of the primary and drogue gun firing units
Harness release plunger tool	27L/271	Re-setting barostatic time-release unit
Rack plunger tool	27L/272	Re-setting barostatic time-release unit
Drogue gun cocking tool	27L/273	Re-setting drogue gun time-delay mechanism

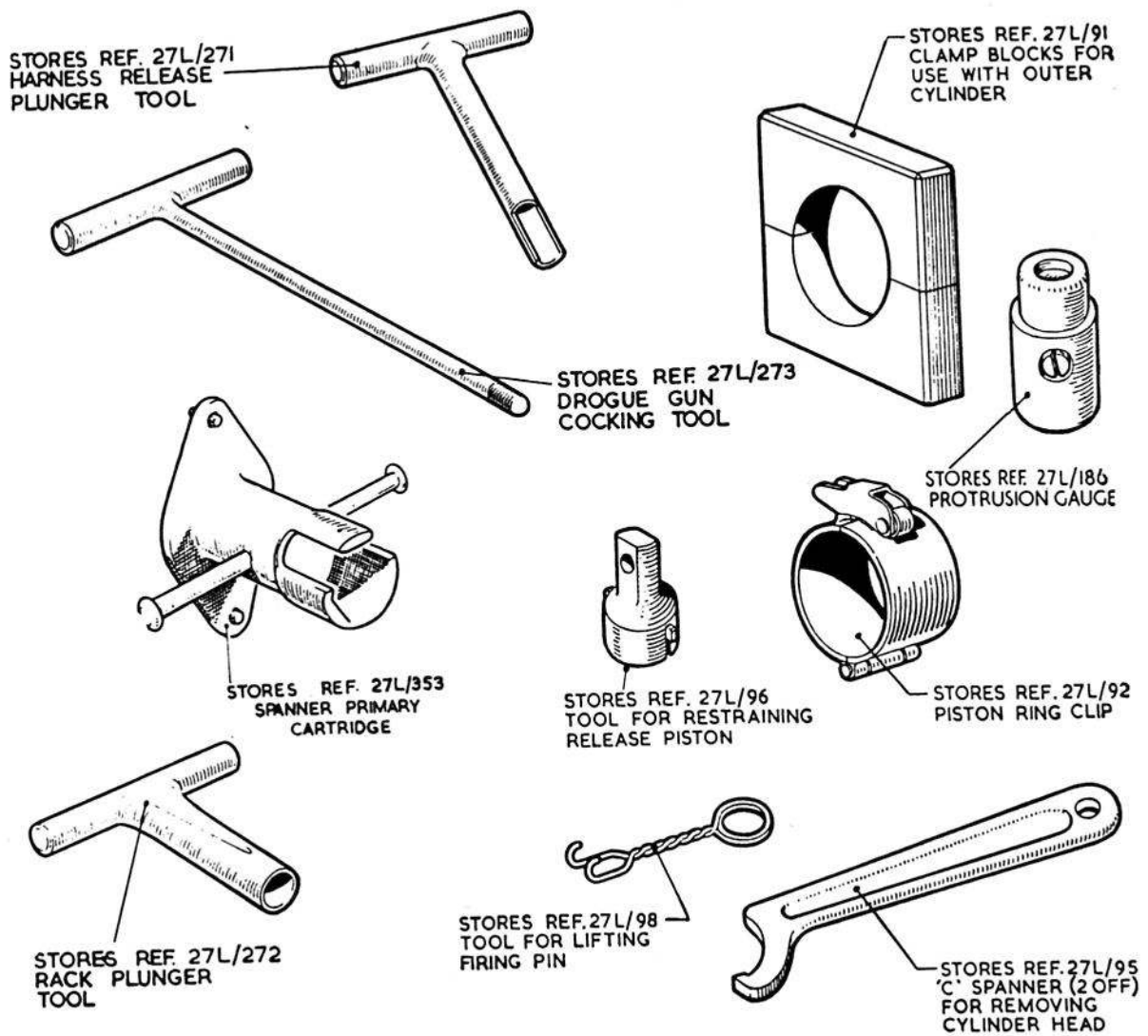


Fig. 2. Special tools (Type 1, 1A and 2 guns)

TABLE 3

Mk. 2 and 3 ejection seats with Type 3 and 3A ejection guns and time-delayed firing units

Tool	Stores Ref. No.	Application
Combination spanner	27L/353	Access to primary cartridge
Spanner, auxiliary cartridge	27L/470	Access to secondary cartridges
Pressers sealing pliers	1B/4122	Sealing locking wires securing primary canopy jettison and secondary cartridge covers (<i>not illustrated</i>)
Firing pin lifting tool	27L/98	Lifting firing pin of primary and time-delayed firing mechanisms
Blocks, clamp	27L/486	Gripping cylinder tube in vice jaws
Spanner, release piston	27L/96	Restraining the release piston
Spanner, "C" (2 off)	27L/95	Removing and assembling cylinder head
Protrusion gauge	27L/186	Testing the firing pin protrusion of the primary drogue gun and time-delayed firing units
Harness release plunger tool	27L/271	Re-setting the barostatic time-release unit
Rack plunger tool	27L/272	Re-setting the barostatic time-release unit
Drogue gun cocking tool	27L/273	Re-setting drogue-gun time-delay mechanism
Canopy jettison and ejection gun firing unit cocking tool	27L/534	Re-setting the time-delay mechanism

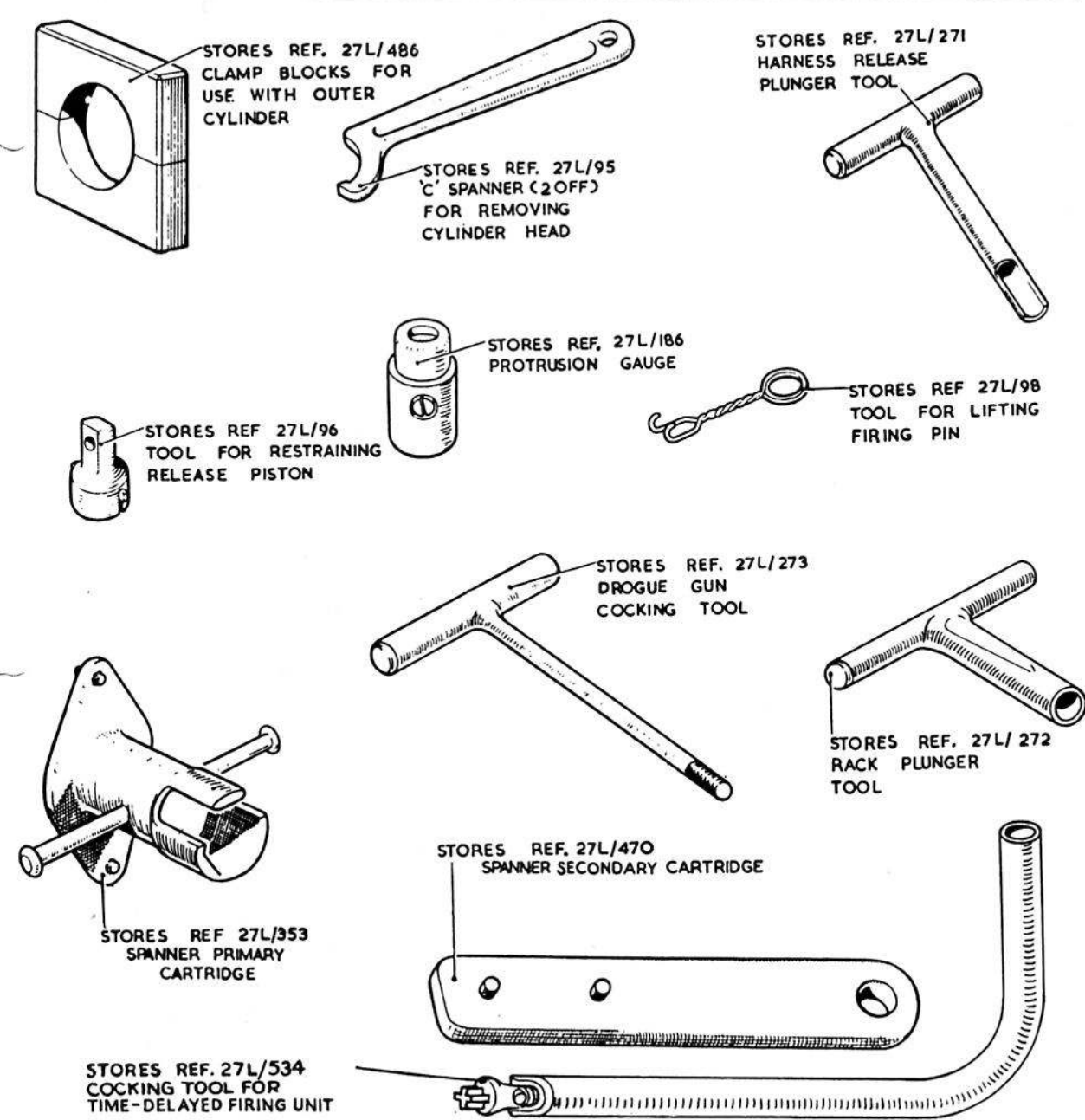


Fig. 3. Special tools (Type 3 and 3A guns)

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R-Type Mk2
pressure breathing
mask

R-Type mask
used on Dominie
by RAF until 2011
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