

IDENTIFICATION SERIES

.303-in. BREN

LIGHT MACHINE GUN



Parts Identification & Lists, Bren L.M.G. Series Notes,
Exploded Parts Drawings, Descriptions,
Accessories & Fittings

REFERENCES:

'A Brief History of the Bren Light Machine Gun' 1969, Inspectorate of Armaments

'Australian Service Machineguns' lan Skennerton 1989, SKENNERTON

'British Small Arms of World War 2' Ian Skennerton 1988, SKENNERTON

'Identification List: Gun, Machine, Bren' Australian Military Forces 1945, M.G.O.

'Identification List for Gun, Machine Bren .303-inch' 1944, 1945, 1947, War Office

'Instructions for Armourers - 1931 (Supplement No. 2)' 1938 War Office

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'List of Changes in British War Material' 1939-1946, H.M.S.O.

'Local E.M.E. Instructions' 1944-1956 Canadian Armed Forces

'Military Small Arms of the 20th Century' Hogg & Weeks 5th Ed. 1985 A. & A. P.

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'Principal Mechanical & Component Differences' Peter Laidler 1992, LAIDLER

'The Bren Gun Saga' Dugelby 1983, COLLECTOR GRADE PUBLICATIONS

'The Bren Light Machine Gun' 1942, Gale & Polden Limited, Aldershot

'User Handbook for the .303-inch Bren Gun' 1969, Inspector of Armaments

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.303-in. ZGB 1933
(Model No. 2) Trials
Light Machine Gun.
Note the finned barrel
with "muzzle brake"
holes for the flash
hider, position of the
rearsight and its drum
and the butt monopod.
M.O.D. Pattern Room.



.303-in. Bren Mark I (M)
Light Machine Gun (Lithgow).
Fitted with Mk 1 bipod,
Mk 1 butt with shoulder strap
(but no butt handle), Mk 1*
barrel, and other typical
Mark 1 and Mark 1(M) body
features. Infantry Centre
Museum, Singleton, Australia.

GUN, MACHINE, BREN, .303-INCH.

BREN MACHINE GUN GENEALOGY

A suitable replacement for the Great War Lewis light machine gun resulted in the Small Arms Committee examining the U.S. Browning LMG and other contemporaries, as early as 1922. By late 1930, the 7.92mm ZB26 was being considered, along with an improved Browning BAR, Madsen and Vickers Berthier. Further improvements to the Czech Brno ZB Model 1926 resulted in its advancement to Models 1930, 1933 and 1934; it was in .303-in. configuration for these British trials by 1931. The 1934 model was further developed at R.S.A.F. Enfield until the first production gun was assembled there in 1937. Regarding its name, the first two letters of Brunn (Brno) and Enfield were combined to identify the new gun as the BREN.

The .303 Bren Mark I and its equipment was officially approved for British service in August of 1938. Manufacture was also commenced in Canada by John Inglis Co. Ltd. in 1938, and at the Lithgow Small Arms Factory in Australia during 1940.

In order to streamline production, certain features of the early guns were dispensed with not long afterwards. Such machining operations on the receiver included omission of the dovetail for lensatic sight, and deleting the gas cylinder fluting and gas deflection shield and various strengthening ribs. These production shortcuts resulted in a **Mark I** (**Modified**) version (Mark I* body) which was produced at all three factories; however few of these "modified" guns are marked as such. Similar economies were applied to the butt and barrel groups and the bipod assembly, resulting in subsequent Marks of the various sub-assembly and component groups.

The Mark 2 Bren gun was produced in Britain by the Monotype Group, a consortium of Monotype, Daimler, Hercules Cycle, Climax Rock Drill, F. Tibbenham, British Fabricating Machine Co. and Sigmund Pumps. Sometimes known as the "garage hands" model, the Mark 2 further dispensed with the drum backsight and many machining operations on the body, as well as the folding cocking handle. This new receiver was designated the Mark 2 body, with the gas cylinder being screwed into the body and secured by a pin. In the official introduction of the Mk 2 gun, the Mk 2 barrel, bipod, butt and slide were also announced, although these assemblies are interchangeable on most Marks of Bren guns. Some Mk 2 guns were also produced at R.S.A.F. Enfield and by Inglis in Canada.

Approved in August, 1948, the Mark 2/1 Bren has a small locating lug brazed onto the front of the cocking handle slot, to suit the folding cocking-handle slide of the Mk I. The upgraded body is usually engraved with the new nomenclature. As this modified gun was not introduced until 1948, the old designation of Mark number and "*" variation had been superseded by an upgraded marking, "/1". This replaced the original "*" classifier which indicates an improvement or modification to the pattern.

In July of 1944, the Mark 3 Bren was approved, a considerably lightened variant for jungle fighting. The Mk 3 was produced at Enfield; some may have been made by Inglis in 1945. Certain features from the Mk 2 model are obvious, such as the folding leaf aperture backsight; later marks of the butt and barrel assemblies were also utilised. Substantial milling and lightening cuts were applied to the new body on the Mark 3 gun.



Guns Mark 1, Mark 2, Mark 3 and Mark 4. Although particular body details are indistinct, the various barrel, bipod and butt configurations are shown. Note the different lengths and sight fixtures of the barrels (Marks 1*, 2, 2 and 4), the different carry handles, and various butt shapes. M.O.D. Pattern Room, Nottingham.

The Mark 4 Bren was a lightened Mk 2 model, approved at the same time as the Mk 3, in July 1944. However, not very many Mk 4 models appear to have been converted and so guns with the "Mk 4" engraving are quite scarce. Some Mk 4 guns used Inglis Mk 2 bodies and the original Mk 2 engraving is sometimes visible. According to Laidler, most Mark 4's were subsequently converted to the 7.62mm L4 configuration.

Canada's first Bren gun was assembled on 23rd March 1940 at the John Inglis Co. plant in Toronto. Inglis was contracted to provide part of its production to Great Britain; some original Brno ZB models were sent to Canada in 1936 and Britain's first order for 5,000 Inglis guns was placed as early as September 1938. Production of the Mk I model was followed by the Mk I (M), the Mk 2, and possibly, the Mk 3 in 1945 at the end of production. Canada also produced the Bren chambered for the rimless 7.92 x 57mm round, for export to China. Some .30-06 prototypes were also assembled.



Inglis Bren Mk I(M) body marks. Note Mk 1 backsight, Mk 1 cocking handle & recessed Mk 1 mag catch. J. Watter.

In Australia, SAF Lithgow's the first six guns were fired on 8th January 1941. The total wartime production amounted to 17,335 guns, plus a few test and prototype models. Feeder factories at Mudgee, Portland and Dubbo also supplied component parts to Lithgow. The Mark I and Mark I (M) guns was the only types made in Australia, although a lightened pattern was fabricated for trials. The Bren gun was also produced in India at Hyderabad, with manufacture commencing during World War 2.

After the introduction of the new rimless NATO round, many .303 Bren guns were converted to become the **Gun**, **Machine**, **7.62mm L4**; the most commonly encountered 7.62mm model being Britain's L4A4. Certain problems associated with the original .303 rimmed cartridge were thus overcome and the Bren was given a new lease of life using a rimless cartridge, for which it was originally designed. Indian .303 Bren guns were also converted to 7.62mm, with a new "7.62mm IA" designation.

.303 BREN MODEL IDENTIFICATION

Identification of the various models of Bren Light Machine Guns is relatively easy because this is marked on the body; Mk I, Mk II, Mk II/1, Mk 3, etc. However, few of the Mk I* bodies were marked as "Mk I M" (modified) or "Mk I*". The various marks of barrel, bipod, butt, butt slide, gas piston, trigger, were progressively introduced and often fitted onto guns already in service, during routine maintenance and upgrades.

Gun model	Intro- duced	Principal features	Other notes
Mark I	1937	Body Mk I. The original design, based upon the improved Czech ZGB Model No. 4 of 1934. Dial drum backsight, dish-shaped gas deflection shield at front of body, Mk I gas piston and bolt assembly, folding cocking handle, early style milling around gas vent ports.	Has dovetail slot for fixed line sight on the receiver body. Butt originally fitted with a butt handle underneath, and a folding strap at top of the cup-shaped buttplate.
Mark I (M)	1941	Body Mk I*. Omission of dovetail for fixed line sight on left side of body, but retaining dial drum backsight. Usually fitted with Mk 2 butt-slide, Mark I* barrel assembly, and later style Mk I butt without the hinged buttplate strap or the butt handle underneath.	Some simplification of machining operations on body, flat gas deflection shield, no vertical reinforcing rib outside the magazine housing, and simplified machining/milling around the gas port vents.
Mark II	1942	Body Mk II. Folding leaf backsight mounted onto top of body, dovetail slots for backsight and some lightening grooves omitted. Gas cylinder is a press fit into the body, secured by a pin. Non-folding type of cocking handle with corresponding changes in body slot. Non-corrugated magazine well cover. Simplified production.	Fitted with Mk II barrel, Mk II bipod, Mk II gas piston, Mk II carrying handle, Mk II butt and Mk II butt slide. The thinner, flat gas shield has "horn" extensions projecting upwards to prevent left/right barrel movement; Mk II has no barrel locating recess or lug.
Mark 2/1	1948	Body Mk 2/1. Additional "/1" marked after the original Mk "II" or "2" designation. Early folding cocking handle.	Mk I cocking handle requires body mod to prevent it reciprocating with piston extension.
Mark 3	1944	Body Mk 3. Fitted with Mk 2 folding leaf backsight. Body machining incorporates many extra lightening cuts resulting in significant weight reduction, particularly noticeable at front of the body, around the gas cylinder.	Essentially a lightened, modified Mk I body fitted with shorter barrel and later production marks of assembly groups.
Mark 4	1944	Body Mk 4. Has the Mk 2 folding leaf backsight. Additional body cuts and machining to reduce weight.	Essentially a lightened Mk II body, fitted with shorter barrel and later group assemblies.

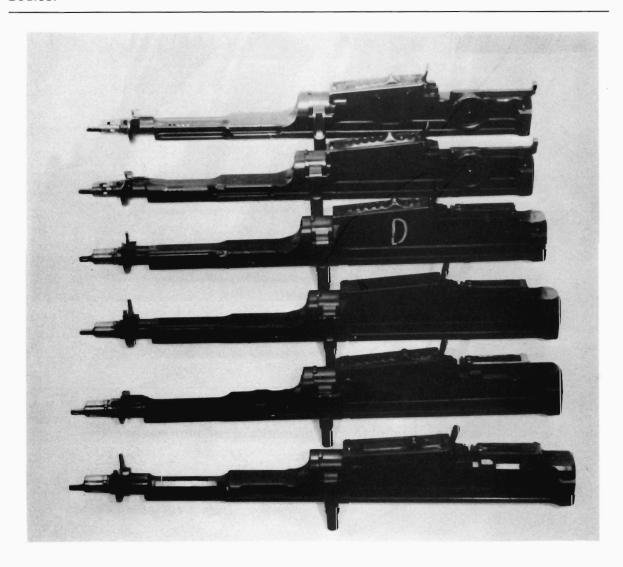
Note:— Some differences may be noted in the body features (e.g. gas deflection shield), not always in accordance with original specifications. Certain changes may have been implemented gradually and even applied differently in the Canadian and Australian factories. The various barrel, carry handle, bipod, gas piston, butt and slide groups are basically interchangeable; many guns were upgraded and fitted with later replacement parts in service. For the purpose of identification, the Mark of the gun is taken to be that marked on the body. Service replacement barrels and slide groups were always serial-numbered the same as the gun body number.

DIFFERENCES IN COMPONENT ASSEMBLIES

Many guns were upgraded in service with various replacement parts and ensuing Mark's of barrels, bipods, butts, &c. Assemblies from the different factories may also be fitted.

The body Mark number is found on the receiver, with the factory name or code and year of production. Most parts and groups are interchangeable on the various action bodies. A code system was applied in Britain during W.W.2 for commercial contractors and stamped on many parts. Enfield guns usually have the "E" logo while the Monotype guns are coded M67 or "D" for Daimler. Canadian receivers can be readily identified as they are marked "INGLIS"; their Australian counterparts are stamped "LITHGOW" and "MA". Indian receivers are usually marked "SAF". Gun serial numbers are usually found at the top rear of body, left side of barrel, rear of butt-slide and on the barrel nut.

Bodies:



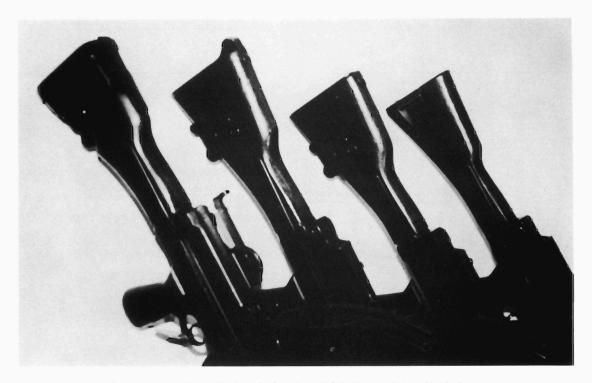
Action bodies from top: Mk 1 Enfield (1937), Mk 1(M) Lithgow, Mk 2 Daimler/Monotype, Mk 2/1 (originally Monotype), Mk 3 Enfield and Mk 4 conversion. Note differences in body cuts & lightening, backsights, gas vents & milling, and barrel cradles. Mk 1, 1(M) & 3 bodies have locating lug (rear of gas shield) to centralise barrel. Mk 2 & 4 bodies do not. Barrels Mk 1, 1* & 3 have a corresponding slot behind the gas block to fit Mk 1, 1(M) & 3 bodies. While reported that Mk 2, 4 & 5 barrels are not interchangeable on Mk 1 & 3 bodies, our experience is that all barrels interchange on all Mark bodies. — M.O.D. Pattern Room.

Butt Mk I. Cupped buttplate; early model had folding butt strap and butt handle. Production economies dispensed with the folding butt strap and handle.

Butt Mk 2. Flat buttplate with extended shoulder rest. Recoil spring and plate omitted, new butt swivel and plate fitted. Return spring retained by a screwed spring tube nut.

Butt Mk 3. Further production economies to Mk 2, with flat buttplate heel; not issued.

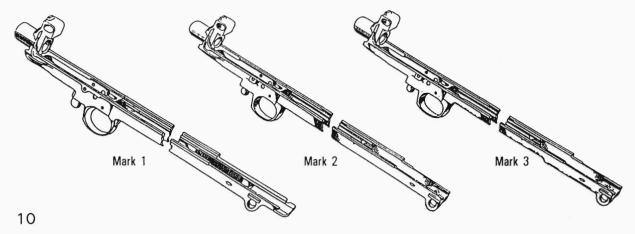
Butt Mk 4. Lightened and tapered, sling swivel bar on buttplate with recess slot.



From the left— Butts Mark 1, 2, 3 and 4. M.O.D. Pattern Room, Nottingham.

Butt-Slides:

Marks 1, 2 & 3. Machined from solid, the new Marks progressively simplified manufacture. Major differences are obvious from the drawings; the progressive machining changes are not necessarily related to specific marks of the butt slides.



Mk I. Spring-loaded and hinged cocking knob, folds forward in the closed position and does not reciprocate with the butt slide during operation. Gives a thinner gun profile.

Mk 2. Fixed handle and plunger; it does not fold forward like the Mk I pattern.

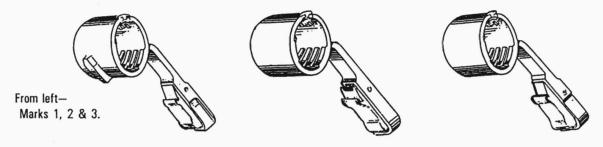


Barrel Nut:

Mk I. Lightening recess on outside of side lever. Safety cam on underside prevents butt being fully withdrawn and mechanism cocked or fired, unless the nut is fully closed.

Mk 2. Safety cam omitted. Lightening recess also omitted, a production economy.

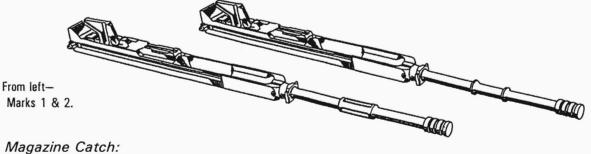
Mk 3. Slightly different machining, only uses the catches Marks 2 or 3.



Gas Piston & Post:

Mk I. Comprises stem, extension, piston post, piston post spring, plunger, cotter and pin. Fluted piston stem. Mk 1 piston post is not as deeply recessed, larger in diameter.

Mk 2. Mk 2 plunger is longer, the Mk 2 piston post is recessed deeper and is smaller in diameter, giving better support to the plunger and surrounding spring. The piston stem is not fluted.



Marks 1 & 2. Mk 1 catch has a milled recess in the rear face of the thumb-piece; the Mk 2 has a hole bored through it.





From the left- Marks 1 & 2.

Mk I Assembly. Usually without a Mark designation number. It is 25-in. long with a stainless steel sleeve for the last 10.5-in. to muzzle. Straight taper on flash hider, so it is similar to the Mk I* except for the external taper of the flash hider cone.

Mk I* Assembly. Stamped "I*" on left side near breech. Mk III gas regulator fitted, with its larger three gas vents increased in diameter, stamped "III". Some Mk I barrels were converted to this pattern (also 25-in. long). Distinct "kink" in flash hider cone taper.

Mk 2 Assembly. Flash eliminator and gas block fit onto barrel end, not integral with it. Eliminator incorporates foresight bracket, gas block houses the regulator. No locating recess tongue (near the middle) underneath the barrel; 25-in. long.

Mk 4 Assembly. Lighter construction, new design flash eliminator and foresight block; 22.25-in. long. (Mk 3 was 2-groove experimental only).

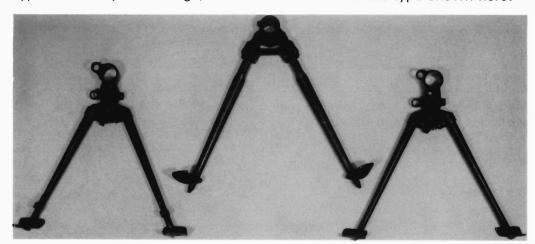
Mk 5 Assembly. Lighter construction, modified Mk 2 production by turning down and shortening. Longer sighting radius, sighting bracket closer to muzzle; 22.25-in. long.

Different barrel marks, from top— Mark 1*, Mark 2, Mark 4 and Mark 5. Note the different barrel lengths, forms of the foresight and their positioning, which affects relative sighting radius. Carry handle sleeves; Mk 1 has lightening holes, Mk 2 has none, Mk 3 is shorter with lightening holes. Waisted Mk 1 wood carry handle as well as Mk 2 parallel type may be noticed on the later barrels. M.O.D. Pattern Room, Nottingham.



Bipods:

Marks 1, 2 and 3 (per 1969 pam). Mk 1 has telescoping legs, spring-loaded so they fold at the same time. Mk 2 has fixed length legs which fold independently. Mk 3 is like Mk 1 but with non-extending legs; also may have spiked feet. In 1947, the British Mk 3 was a Mk 2 type with independent legs; but later nominated as the type shown here.



Left to right— Mk 1, Mk 2 & Mk 3. M.O.D. Pattern Room. 30-rd, Mk I. The original pattern.

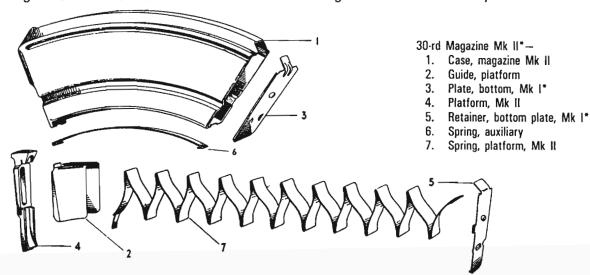
30-rd, Mk I*. Auxiliary spring fitted inside the case, the front of which is recessed top and bottom to provide a seating for the spring. Converted from Mk I magazine.

30-rd, Mk I.** Similar to Mk I* but fitted with Mk I* bottom plate and bottom plate retainer. Mk I* plate has two half-moon indents. Converted from Mk I magazine.

30-rd, Mk II. Same as Mk I* magazine but new made. Slight dimensional differences.

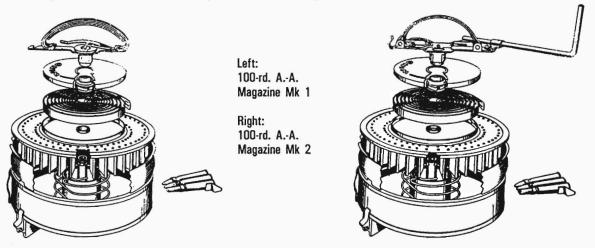
30-rd, Mk II*. Same as Mk I** magazine but new made. Slight dimensional differences.

Upon the introduction of the Mk I** and Mk II* models, the Mk I, Mk I* and Mk II magazines were declared obsolescent. Some magazine cases are stamped as "III".



100-rd, Mk I. Original type. Upon introduction of Mk II drum, (a) Mk I was modified by deleting inspection cover and insertion of a washer in lieu; (b) inspection hole and slot for cover in the top cover plate deleted; (c) "WIND" and direction arrow pressed into top cover plate to eliminate possibility of winding spring in the wrong direction.

100-rd, Mk II. Simplified design, which also incorporates the winding handle as part of the magazine, positioned alongside the loading lever.



SPECIFICATIONS

GUN, MACHINE, BREN, .303-in.

doll, mitorinez, brizit, 1000 mi												
Gun, Mk 1: Gun, Mk 2: Gun, Mk 3: Gun, Mk 4:	Length 3 ft. 9.5 in. [3 ft. 9.5 in. [3 ft. 6.9 in. [3 ft. 6.9 in. [1155mm] 1089mm]	Weight 22 lb. 2 oz. [10 kg] 23 lb. 3 oz. [10.5 kg] 19 lb. 5 oz. [8.76 kg] 19 lb. 2 oz. [8.67 kg]	Sight Radius 31.0 in. [787mm] 30.8 in. [782mm] 27.3 in. [694mm] 27.3 in. [694mm]								
Barrel Mk 1*: Barrel Mk 2: Barrel Mk 4: Barrel Mk 5:	25.0 in. [635 25.0 in. [635 22.25 in. [56 22.25 in. [56	ōmm] 85mm]	6 lb. 4¼ oz. [2.84 kg] 6 lb. 7½ oz. [2.93 kg] 5 lb. 1½ oz. [2.31 kg] 5 lb. 0 oz. [2.27 kg]									
Barrel: Rifling Rifling twist Mean groove Mean width	depth		6 groove, Enfield concen R.H., 1 turn in 10 in. .0057-in. .088-in.	ntric								
Sights: Backsight MI Backsight MI Front			Aperture, dial drum, 200 Aperture, folding leaf, 20 Blade foresight									
Method of Op Cyclic Rate of Magazines			Gas-piston 450 - 550 r.p.m. 30-round box magazine 100-round drum magazin	ne (anti-aircraft)								
Cartridge Muzzle Veloci	 ty, Mk VII ball	 	.303-in. British 2,440 ft./sec. approxima	ate								
Production Co	sts:		£40/0/0d (Mk I, 1939) E £30/18/0d (Mk II, 1942) \$160.00 (Mk 2, 1944) // c. £37/0/0d (Mk I, 1943	Monotype, England nglis, Canada								
Tripod; Weigh Elevation	it (w/ A.A. leg		29 lb. 19°									

42°

Traverse

USER GUIDE

for PARTS and VOCAB. LISTS IMPORTANT— Read this section first.

British and Australian Lists have been the principal references, updated in some areas. This User Guide should be studied so as to better understand the lists and their arrangement.

REF. NO. is the part number as illustrated on the adjacent page. DESIGNATION is the service part name. Lines are often indented where that particular line applies to the previous entry. For example, the Nut, cam, backsight (page 27, illustrated as Part No. 5) is part of the Backsight assembly of the Body group.

BODY GROUP, MK I Part assembly group. e.g.

Part assembly group.

BACKSIGHT, MK I

Part group, applicable to the Backsight Assembly.

CAM CAM, backsight

Component part of the Cam assembly.

NUT, cam, backsight

Component part of the Cam assembly.

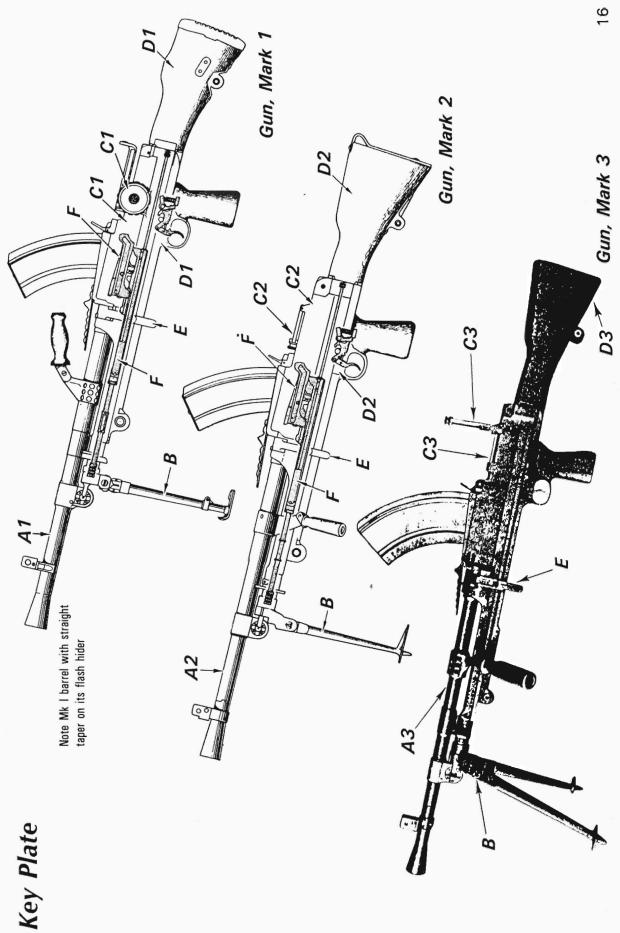
Lower case indicates an additional description of the part. It is noted, however, that by the end of the war, these sub-assembly groups tend to have become dispersed; screws, springs, etc. of the various assemblies are inclined to be grouped together, at the end of the particular lists.

VOCAB. NUMBER is the service part number as on original packaging or attached labels, mainly a stores reference. Letter prefixes are also a service indicator. Original British stores numbers use two letters. A third letter suffix is sometimes noted, "A" is an Australian modification, "C" is Canadian. For example, bipod legs Mk I in the Australian list are part nos. CAA 1088 and 1089. CGB is also Canadian. The general "B1/" prefix is for rifle parts, "C1/" for machine gun parts, "C2/" for AFV machine gun parts and "G1/" for general stores and ironmongery.

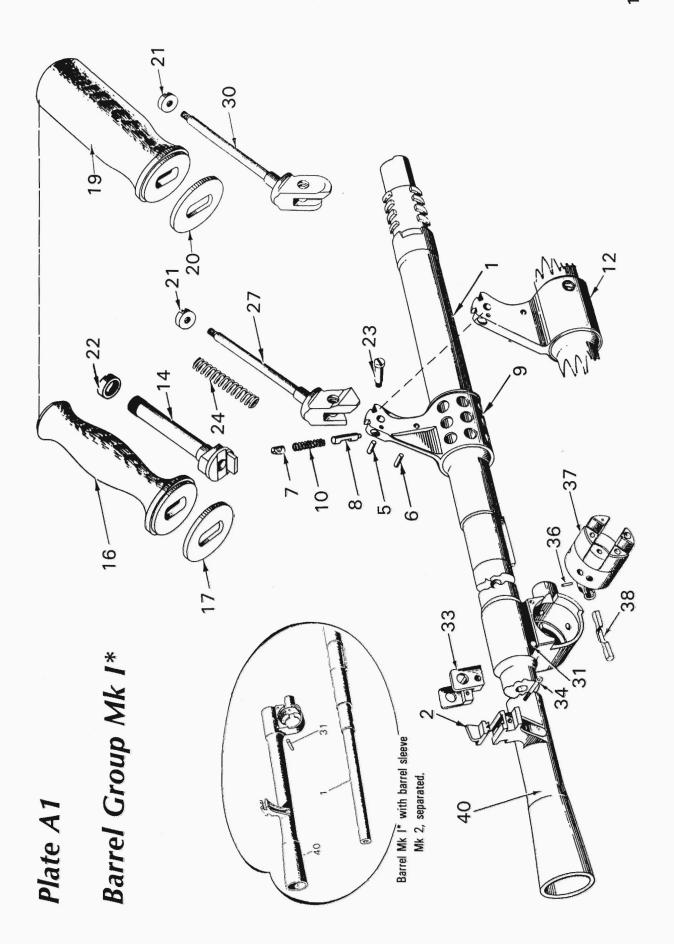
British Vocab. No. prefixes seem to have commenced with "AA", through "BA" and "BB" for the .303 No. 1 rifle. "BB" was also used for the No. 4 rifle while "BJ" generally relates to its Mk I* variant. "CR" parts number prefixes seem to date from around 1950, continuing into the 7.62mm NATO era. "BD" prefixes were applied to the .303 Vickers Machine Gun, "BE" to the 9mm Sten and also for the .303 Bren gun. Vocab. Nos. with unusual combination prefix such as M3/MC 8268 (steel keeper split-pin for Mk 2 bipod leg hinge pin) indicates supply from listings outside the small arms series; the M3/MC is from a 3-in. mortar mount. An indicator (#) marks those parts available through the ordnance supply system for normal maintenance.

Major component groups did not have Reference or Vocab. Nos. in the usual column as they were not available. "GA" is a General Arrangement and "A" signifies an "Assembly". This explains the absence of part or vocab, numbers as these were assembly groups or sub-groups.

The MAT. column details the part material and NO. OFF is the "number of" or quantity required. DRAWING NUMBER is the original manufacturer's part drawing. An A.D.D.(S) prefix to the drawing number indicates Australian origin, D.D.(E) is an Enfield drawing (Design Department, Enfield). M.G.D. is also of British origin while M.G.A. indicates an assembly.



pages 18 - 23 pages 24 - 25 pages 26 - 31 pages 32 - 37 pages 38 - 39	With original Mk 1 barrel, butt, bipod and piston groups. And C1/CA 0677. Mk 1(M) body used different part no. Early barrel had stainless steel sleeve for last 10.5-in. Referred to as Mk 1/1, after 1948 vocabulary change.	Manufacturing concessions for wartime production. Slab-sided body with folding leaf aperture backsight. Flash hider and foresight assembly is separate assembly.	Lighter and shorter model for air portability and Far East. New-design body with folding leaf aperture backsight. Barrel Mks 1, 4 & 5 interchangeable on Mk 1 & 3 Guns.	Modified Mk 2 body, to suit Mk 1 cocking handle.
		1.11	: : :	:
	1111	: : :	: : :	:
Barrel Assembly Groups	Vocab. No. C1/BE 8176 GA Vocab. No. C1/BE 9655 A Vocab. No. <i>unknown</i> Vocab. No. C1/BE 9702 A	Vocab. No. C1/BE 4160 GA Vocab. No. C1/BE 4149 A Vocab. No. C1/BE 4161 A	Vocab. No. C1/BH 0567 GA Vocab. No. C1/BH 0446 A Vocab. No. C1/BH 0557 A	Vocab. No. C1/CA 0845 A
Barrel Assembly Group Bipod Groups . Body & Backsight Gro Butt & Slide Groups Barrel Nut Assemblies Piston & Breech Bolt G	MK 1 	n., MK 2	MK 3 →	n., MK 2/1
<i>PLATES:</i> — A1 - A3 B C1 - C3 D1 - D3 F	GUN, MACHINE, BREN, .303-in., MK GUN, MK 1, ASSEMBLY BODY, GROUP, MK 1 BARREL, GROUP, MK 1 BARREL, GROUP, MK 1*	GUN, MACHINE, BREN, .303-in., MK 2 GUN, MK 2, ASSEMBLY BODY, GROUP, MK 2 BARREL, GROUP, MK 2	GUN, MACHINE, BREN, .303-in., MK 3 GUN, MK 3, ASSEMBLY BODY, GROUP, MK 3 BARREL, GROUP, MK 4	GUN, MACHINE, BREN, .303-in., MK 2/1 GUN, MK 2/1, ASSEMBLY



REMARKS	Later referred to as Barrel Mk I/I. Sizes: .25, .28, .31, .34, .37, .40, .43, .46in116" d. x .335". Same pin as previous part (No. 5). Has rows of lightening holes drilled. Sleeve handle parts (5 - 8, 10) same as Mk 1 assembly except for solid sleeve. Obsolescent. (not illustrated) Earlier style, waisted profile. For Mk 1 Grip only. Later parallel-sided profile. Round, slotted head. Round head, .234" d. x .57". Old no. BE 9531. Mk I gun only. Obsol. Stem handle parts (Nos. 14 - 17) are identical to Mk 1 assembly. Canadian equivalent BEC 9652. Handle parts identical to Mk 1 assy. Obsolescent. "Pin, tapered" in Aust. lists. Mk I* barrels only. Machined from solid. Some variation in sight protectors. Round head, .118" d. x .67". Marked "111". Obsolescent. (not illustrated) Mk 2 sleeve & Mk 1 barrel becomes Mk I*
DRAWING NUMBER	MGA 1421 WGD 1201 Various MGD 1292 MGD 1292 MGD 1292 MGD 1292 MGD 1395 MGD 1372 MGD 2531 MGD 2773 MGD 1273 MGD 1274 MGD 1274 MGD 1274 MGD 1387 MGD 1387 MGD 1387 MGD 1387 MGD 1314 MGD 1325 MGD 1325 MGD 1325 MGD 1325
NO. OFF	
MAT.	Steel H.T. Steel
VOCAB. NUMBER	BE 9477 BE 9482 BE 9477 BE 9482 BE 9486 BE 9486 BE 9477 BE 9487 BE 9487 BE 9486 BE 9477 BE 9486 BE 9477 CA 0676 BE 9486 BE 9486 BE 9477 CA 0676 BE 9487 BE 9480 BE 9482 BE 9482 BE 9482 BE 9482 BE 94831 BE 9486 BE 9487 CA 0676 BE 9480 CA 0802 CA 0803 CA 0803
DESIGNATION	BARREL GROUP MK 1* BARREL GROUP MK 1* BARREL GROUP MK 1* BLADE, foresight, Mks 1, 2 & 3 HANDLE, CARRYING, MK 1 SLEEVE, CARRYING HANDLE, MK 1 S.A. PIN, plunger retainer PLUG, handle carrying PLUNGER, handle carrying SLEEVE, handle carrying SLEEVE, handle carrying, MK 1 SPRING, plunger, handle carrying SLEEVE, handle carrying, MK 1 STEM, CARRYING HANDLE, MK 2 STEM, CARRYING HANDLE MK 1 GRIP, CARRYING HANDLE MK 2 GRIP, handle carrying, Mk 2 PLATE, handle carrying, Mk 2 RLATE, handle carrying, Mk 2 PLATE, handle carrying, Mk 2 STEM, carrying handle SCREW, carrying handle SCREW, carrying handle SCREW, carrying handle SCREW, carrying handle STEM, handle carrying, Mk 2 STEM, carrying Handle, STEM, CARRYING HANDLE, MK 3 STEM, handle carrying, Mk 2 STEM, handle carrying, Mk 2 STEM, handle carrying, Mk 2 STEM, carrying Handle, SS.A. STEM, carrying Handle, SS.A. STEM, handle carrying, Mk 3 STEM, carelying was regulator gas segulator gas segulator gas segulator gas steEve, barrel, Mk 1/1
REF. NO.	### # # # # # # # # # # # # # # # # #

23-16 -28 30 "MATTERNANT" <u>ග</u> 15, 13/ 26 Barrel Group Mk 2 Plate A2

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	1	C	1	٦	

REMARKS	For Mk 2 assembled barrel only. Sizes: .25, .28, .31, .34, .37, .40, .43, .46.in. For Mk 2 assembled barrel only. Dosolescent. Obsolescent. Or screw, blade, foresight. 4 BA x .50". Interchangeable on Mk 1 & 2 barrels. Identical pins, .116" d. x .335". Has rows of lightening holes drilled. Sleeve handle parts (13 - 15, 17) same as Mk 1 assy., except for solid sleeve. Obsolescent. (not illustrated) Not usually found on Mk 2 barrel group. For Mk 2 grip only. For Mk 2 grip only. Round head, .234" d. x .57". And Stem, Mk 1, obsolescent. Stem handle parts (Nos. 21 - 24) are identical to Mk 1 assembly. Parts (Nos. 12 - 17) same as Mk 1 assy. "Pin, retaining (tapered)" in Aust, lists. For Mk 2 assembled barrel only. Stamped metal, some variations. Round head, 2 BA x .80". Marked "III"075" d. x .365".
DRAWING NUMBER	MGA 2481 MGD 2475 WGD 2474 MGD 2477 MGD 2477 MGD 2470 MGD 2473 MGD 2476 MGD 1305 MGD 1323 MGD 1253 MGD 1273
NO. OFF	
MAT.	Steel H.T. Steel Steel H.T. Steel Steel Spring Steel Spring Steel Spring Steel Spring Steel
VOCAB. NUMBER	2 (cont'd.) BE 9642 Various CA 0658 BE 4151 CA 0804 CA 0804 CA 0804 CA 0735 CA 0735 CA 0735 CA 0735 CA 0735 CA 0735 BE 9448 BE 9477 BE 9482 BE 9483 BE 9483 BE 9485
E. DESIGNATION	BARREL GROUP MK 2 BARREL GROUP MK 2 BARREL, MK 2 BLADE, foresight, MKs 1, 2 & 3 BLOCK, gas, MK 1 ELIMINATOR, FLASH, MK 1 BRACKET, FORESIGHT, MK 1 BRACKET, MK 1 SCREW, foresight bracket O'BRACKET, FORESIGHT, MK 1 ELIMINATOR, MK 1 PIN, taper, solid, steel, 5/32 x 1 in, rustproof HANDLE, CARRYING, MK 1 PLUG, handle carrying, MK 1 PLUG, handle carrying, MK 1 SPRING, plunger, retainer. PLUG, handle carrying, MK 1 SPRING, plunger, handle carrying, MK 1 GRIP, CARRYING HANDLE, MK 2 STEW, carrying handle GRIP, CARRYING HANDLE, MK 2 GRIP, CARRYING HANDLE, MK 2 FLATE, handle carrying, Mk 1 PLATE, handle carrying, Mk 2 GRIP, CARRYING HANDLE, MK 2 GRIP, CARRYING HANDLE, MK 3 SCREW, carrying handle SCREW, protector, foresight, Mk 2 STEM, Mk 3 FROTECTOR, foresight, MK 2 STEM, MK 3 FREGULATOR, GAS, MK 3 PIN, retainer, gas regulator REGULATOR, gas, Mk 3 REGULATOR, gas, MK 3
REF. NO.	######################################

20_ Barrel Group Mk 4 Plate A3

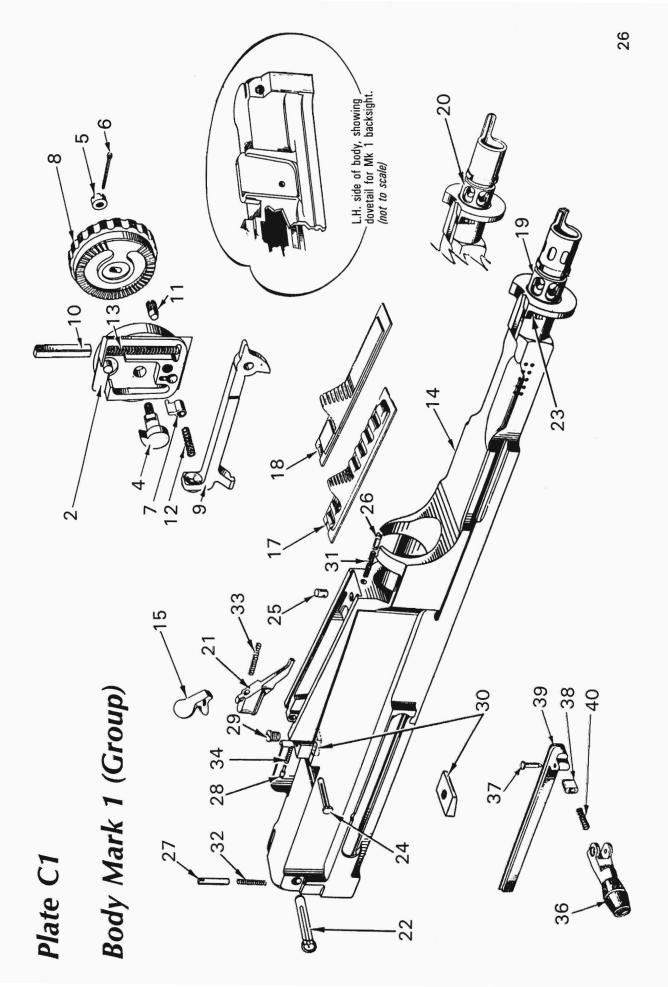
REMARKS	Mk 5 brl is shortened & lightened Mk 2, not interchangeable with the Mk 4. Sizes: .25, .28, .31, .34, .37, .40, .43, .46-in. Sizes: .25, .28, .31, .34, .37, .40, .43, .46-in. Shorter sleeve than Mks 1 & 2116" d. x .335". Same pin as previous part (No. 10). Lightening holes drilled, like Mk 1 patt. Lightening holes drilled, like Mk 1 patt. "Pin, tapered" in Aust. lists. Variations in sight protector form. Round head, 2 BA x .80". Shorter "legs" than previous Marks075" d. x .365". Mk 4 regulator has short "legs", compared with the Mk 3 pattern.	
DRA WING NUMBER	MGA 3773 MGD 3769 warious MGD 3708 MGD 3711 MGD 3711 MGD 3712 MGD 1292 MGD 1292 MGD 1292 MGD 1293 MGD 1223 MGD 1273 MGD 1274 MGD 1274 MGD 2471 MGD 2471 MGD 2472 MGD 2472 MGD 2472 MGD 2472 MGD 2472 MGD 3706 MGD 3706 MGD 3706	1
NO. OFF		
MAT.	Steel H.T. Steel	B
VOCAB. NUMBER	28.3 BH 0557 BH 0436 various BE 9149 BE 9149 BE 9359 BE 9357 M3/MC 8096 BE 9377 BE 9477 BE 9477 BE 9477 BE 9477 BE 9477 BE 9477 BE 9486 BE 9503 BE 9503 BE 9457 BE 9457 BE 9457 BE 94137 BE 9349 BE 9349	
DESIGNATION	BARREL GROUP MK 4 BARREL GROUP MK 4 BARREL GROUP MK 4 BARREL, Mk 4 BLADE, foresight, Mks 1, 2 & 3 # BLOCK, gas, Mk 2 BLOCK, gas, Mk 2 BLOCK, gas, Mk 2 BRACKET, foresight, MK 3 BLIMINATOR, FLASH, MK 2 PIN, tapar, solid, steel, 5/32 x 1-in, rustproof HANDLE, CARRYING, MK 3 SLEEVE, CARRYING HANDLE, MK 3 S.A. PIN, plug, handle, carrying handle # PLUG, carrying handle # SLEEVE, carrying handle # BLUNGER, carrying handle # STEM, CARRYING HANDLE, MK 3 STEM, CARRYING HANDLE, MK 3 STEM, CARRYING HANDLE, MK 2 BLUNGER, carrying handle # CATCH, handle, carrying handle # CATCH, handle, carrying handle # STEM, CARRYING HANDLE, MK 2 PLOTECTOR, carrying handle # SCREW, carrying handle # STEM, Mk 3 STEM, MK 4 STEM, MK 4 STEM, MK 4 STEM, MK 4 STEM, MK 5 BROTECTOR, FORESIGHT, MK 2 BROTECTOR, FORESIGHT, MK 4 STEM, MK 5 BROTECTOR, FORESIGHT, MK 4 STEM, MK 6 STEM, MK 7 STEM, MK 7 STEM, MK 7 STEM, MK 6 STEM, MK 7 STEM, MK 6 STEM, MK 7 STEM, MK 7 STEM, MK 6 STEM, MK 7 STEM, MK 7 STEM, MK 7 STEM, MK 7 STEM, MK 8 STEM, MK	יייין יייין יייין יייין אַרְייִין אַרְייִין אַרְייִין אַרְייִין אַרְייִין אַרְייִין אַרְייִין אַרְייִין אַרְייִין
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These parts are provided for normal maintenance, held in Ordnance stores for issue. ‡ Item number does not appear on the illustration plate, usually because these are assemblies.

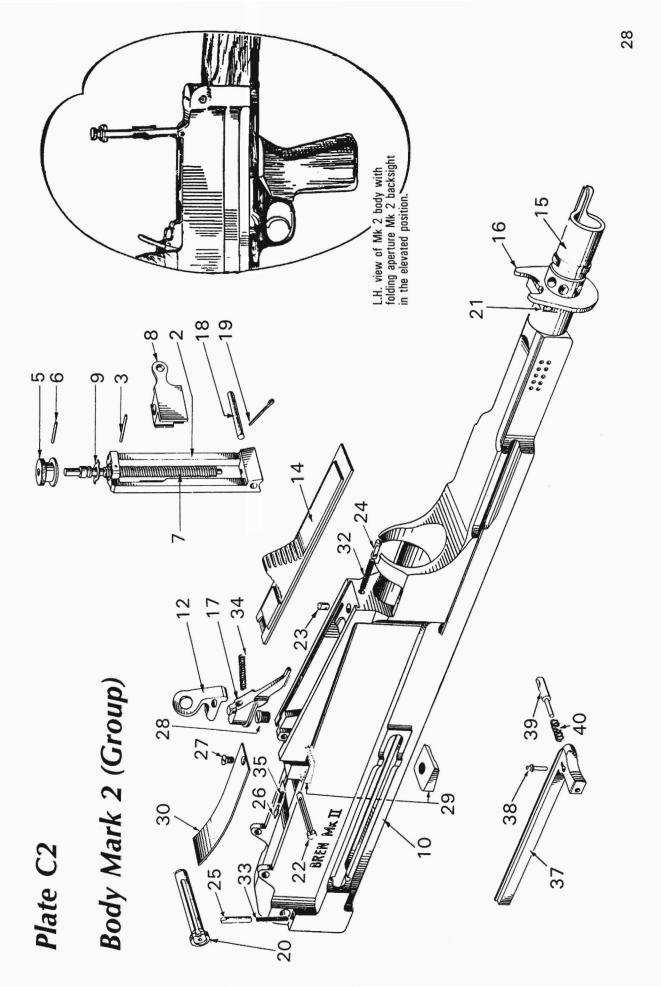
-28 Bipod Assy. Mark 3 (1947) U.K. 1969 Bren User Handbook basic Mk 2 style. Nonetheless, bracket & sleeve are the Mk has different legs, CAA 1088 (left) & CAA 1089 (right), of fold action, per British Mk 1; Canada made a similar model Australian Bipod (CAA 1087) spring-loaded, simultaneous shows this as a Mk 3 type. 21 Bipod Assy. Mark 2 20-6 22 တ -10 15 Bipod Assy. Mark 1 16 **Bipod Groups** Plate B 5

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	Bipod assemblies are interchangeable.	Also for right leg.	. 10 d. x .53z . Also for right leg Tube no. only, fittings brazed on.	Tube no. only, fittings brazed on.		Tube no. only, fittings brazed on.	מומקהם	<.875".						Bipod assemblies are interchangeable.	left leg.	Also available, Mk 2/1 right leg.	With split pin, 1/16" x 5/8" rustproof.		sleeve.	Bipod assemblies interchangeable.	Shoe, tube & hinge listed separately	for repairs. Shoe on Mk 3 leg is	Mk 2.	Note: Inis bipod snown as IVIK 3	version in 1945 pams. Variant	Sidler	s pipod.
(S	es are in	eg.	fittings	fittings	D	fittings	68	Round head, .314" d. x .875"	•	otted.				es are in	Also available, Mk 2/1 left leg.	Mk 2/1	1/16" x 5/8		No sling catch hole on sleeve.	es interd	inge list	no eor	differently shaped to Mk 2.	ia snowi	45 pams	designated the Mark 2 hines	designated the Mark 3 Dipod.
REMARKS	assembli	or right le	. x .332 o. only,	Tube no. only, fitt	11161111	Tube no. only, fittings	, cilly,	head, .3		Round head, slotted				assembli	vailable,	vailable,	plit pin,		g catch	assembli	tube & h	pairs. St	ently sh	odia siu i	n in 19	own in i	nated th
	Bipod	Also fo	Tube r	Tube r	OSIA	Tuber		Round		Round				Bipod	Also a	Also a	With s	;	No slin	Bipod	Shoe,	for re	differ	Note:	Versi	ds sn	desig
IING ER	1418	1207	1406	1407	6061	1406	1206	1337	1344	1272	1354	1360	1389	2520	2529	2530	2525	2524	2521 2523	3714	3717	3718	3716		3400	3/10	5767
DRAWING NUMBER	MGA 1418	MGD	MGD	MGD		MGD					MGD		MGD	MGA	MGA		MGD	MGD	MGD	MGA	MGA	MGA	MGD		MGD		MGD
NO. OFF		00	77	← c	1 ←		- —	—	, 	_	-		-	-	—	-	7	7		-	_	-	7	7			7
		ee e	<u>e</u> e	sel tool	iaaic	le le		eel	ee .	ee	ee .	Steel	eel				ee	ee	ast Iron Steel				eel .	<u></u>	eel	ast Iron	leel
MAT.	: :	H.T. Steel	n. I. Steel H.T. Steel	H.T. Steel	earc fillide	H.T. Steel		H.T. Steel	H.T. Steel	H.T. Steel	H.T. Steel	Spring Steel	H.T. Steel	:	Steel	Steel	H.T. Steel	H.T. Steel	Mall. Cast Iron Spring Steel	:	Steel	Steel	H.T. Steel	H.I. Steel	H.T. Steel	Mall. Cast Iron	spring steel
~				σ					_			_			_									0080			
VOCAB. NUMBER	шш	E 9432	E 9403 E 9637	A 0669	E 9452	BE 9637	E 9422	BE 9506	E 9499	E 9458	E 9508	E 9509	E 9530	E 9643	E 4120	E 4121	E 4126	E 4131	BE 4139 BE 4141	F 9380	E 9381	E 9382	BE 9384	1/GA (E 6924	1 U C C C C	14141
> <	2 & 3 B B	1 00 0	മമ	٥٥	<u>a</u> <u>a</u>	<u>а</u> с	o m	В	a	m	Ω 1	Ω.	Ω	Ω	В	æ.	Ω.	Ω.	<u>m</u> m	α.	മ	Ω	ω (י פ	ω α	ם מ	מ
	KS 1,		* .		. #		. #:	#	#	#	#	#	#	A	#	#	#	#	##	A	#	#	#:	#	# 4	# #	#
>	.303-in. MKS				S.A.																vldr	mbly					
DESIGNA TION	1		0	7	bod	= ;	<u>.</u>	g	_	sleeve								, ¤k			assembly	, assembly	1k 2				
ESIGN	MACHINE, BREN, MK 1 (complete)	po	, pipo er left	er left	Mk 1	bipod, lower right	5 5 7 8	t, bipod	bipod	o`	Mk 1			olete)	Mk 2	Mk 2	podi	bipod	1k 2 ipod	lete)	Mk 3.	Mk 3	leg, №	keep, 1/16-in. x 3/4-in	bodiq	٦ <u>۲</u>	pod
Ď	HINE, (complete	eg, bip	ch, leg d, low	d, upp	gatch, right,	d, low	ddn 'n	racke	sleeve,	rew, b	sipod,	pod .	bipod	(com	, left,	, right,	leg, b	hinge,	pod, № nge, b	luos)	left	, right,	bipod	, 1/16-in	hinge,	pod, N	nge, b
	GUN, MACHINE, BR IPOD MK 1 (complet IFG, Biood, left, MK	CATCH, leg, bipod	PIN, catch, leg, bipod LEG, bipod, lower left	LEG, bipod, upper left	SPRING, catch, leg, pipod EG, Bipod, right, Mk 1	i, bipo	BRACKET, bipod	SCREW, bracket,	SCREW, sleeve, bipod	NUT, screw, bipod,	SLEEVE, bipod, Mk	SPRING, bipod	STOP, leg, bipod	MK 2	LEG, Bipod, left, Mk 2	LEG, Bipod, right, Mk	PIN, catch, leg, bipod	PLUNGER, hinge, bipod, Mk	SLEEVE, bipod, Mk 2 SPRING, hinge, bipod	MK 3	LEG. Bipod. left. Mk 3.	LEG, Bipod, right, Mk 3,	PIN, hinge, bipod leg, Mk	, keep	PLUNGER, hinge, bipod, Mk	VE, 0	SPRING, ninge, bipod
	B GUN, MACHINE, BRE BIPOD MK 1 (complete	S	E 53	H	LEG,	LEG,	BRA	SCI	SCI	Ź	SLE	SPRI	STO	BIPOD MK 2 (complete	LEG,	LEG,	PIN	PLUN	SPRI	BIPOD MK 3 (complete)	LEG	LEG,	PIN,	PIN,	PLUN	SCE C	22
REF. NO.	Plate E	. 70	w 4	വ	4 /	ω c	10	7	12	13	14	15	16	:	17	18	19	20	21 22		23	24	25	56	27	200	53

These parts are provided for normal maintenance, held in Ordnance stores for issue.
† Item number does not appear on the illustration plate, usually because these are assemblies.
Note: Australian (insert) & similar Canadian model later designated Mk 3. Mk 2 & Mk 3 bipods of 1945 vintage (above) are similar.



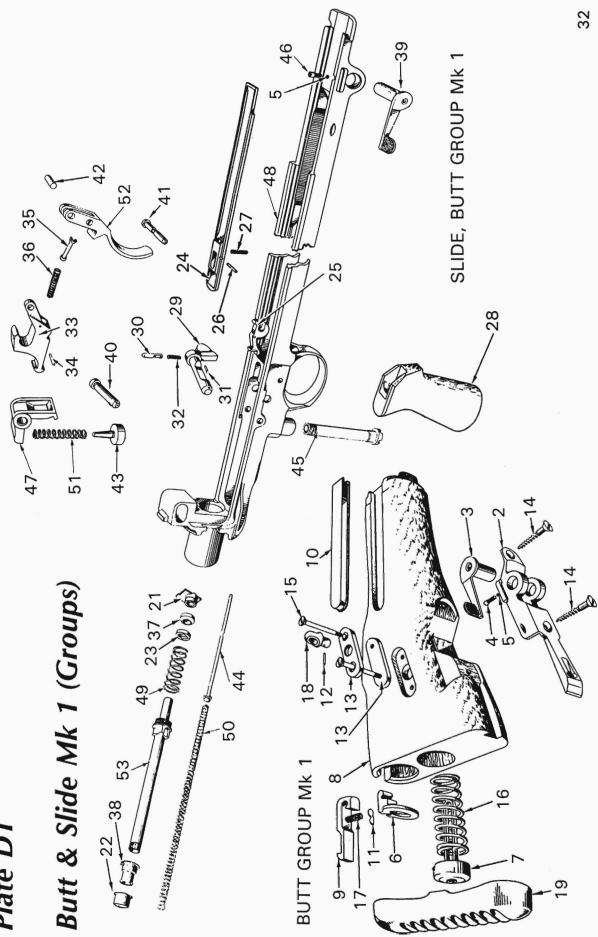
REMARKS	Round, slotted. Or G1/GA 0800. Split pin. 276" d. x .44". Coil spring. Large coil spring. Also Mk 1(M) & machining variations. Also Mk 1(M) & machining variations. Six additional gas vent holes at front. No additional yents under bipod sleeve sizes: 3X, 2X, 1X, 00, 0, 1, 2, 3, 4, 5 & 6. Coil spring.
DRA WING NUMBER	DD(E) 1650 MGA 1425 MGA 1425 MGA 1425 MGD 1216 MGD 1270 MGD 1270 MGD 1238 MGD 1225 MGD 1225 MGD 1225 MGD 1225 MGD 1228 MGD 1283 MGD 1283 MGD 1283 MGD 1327 MGD 1328
NO. OFF	
MAT.	Steel H.T. Steel H.T. Steel H.T. Steel H.T. Steel H.T. Steel H.T. Steel Spring Steel H.T. Steel Spring Steel
VOCAB. NUMBER	CA 0677 BE 9417 CA 0677 CA 0679 BE 9429 CA 0797 BE 9461 M3/MC 8053 BE 94540 BE 94543 BE 946443 BE 94943 BE 949443 BE 9525 BE 9525 BE 9525
DESIGNATION	BODY, GROUP, MK 1 BODY, GROUP, MK 1 BODY, Backsight CAM CAM NUT, cam, backsight NUT, cam, backsight PIN, keep, 1/16" x 3/4", rustproof PIN, backsight DETENT, drum, backsight PLUNGER, sight, back SCREW, sight, back SPRING, drum, detent SPRING, plunger, sight, back SPRING, drum, detent SPRING, plunger, sight, back SPRING, plunger, sight, back SPRING, plunger, sight, back SPRING, plunger, sight, back COVER, magazine, Mk 1 O' CATCH, magazine, Mk 1 CYLINDER, gas, Mk 3 CYLINDER, gas, Mk 1 CYLINDER, gas, Mk 1 CYLINDER, barrel nut retainer PIN, magazine catch PLUNGER, barrel nut retainer SPRING, magazine catch SPRING, body locking pin retainer SPRING, magazine catch SPRING, body locking pin retainer SPRING, magazine catch SPRING, magazine catch SPRING, magazine catch SPRING, body locking pin retainer SPRING, magazine catch SPRING, body locking pin retainer SPRING, magazine catch SPRING, magazine catch SPRING, body locking pin retainer SPRING, magazine catch SPRING, body locking pin retainer SPRING, magazine catch SPRING, body locking pin retainer SPRING, body locking pin retainer SPRING, magazine catch SPRING, body locking pin retainer SPRIN
REF. NO.	Pate C1



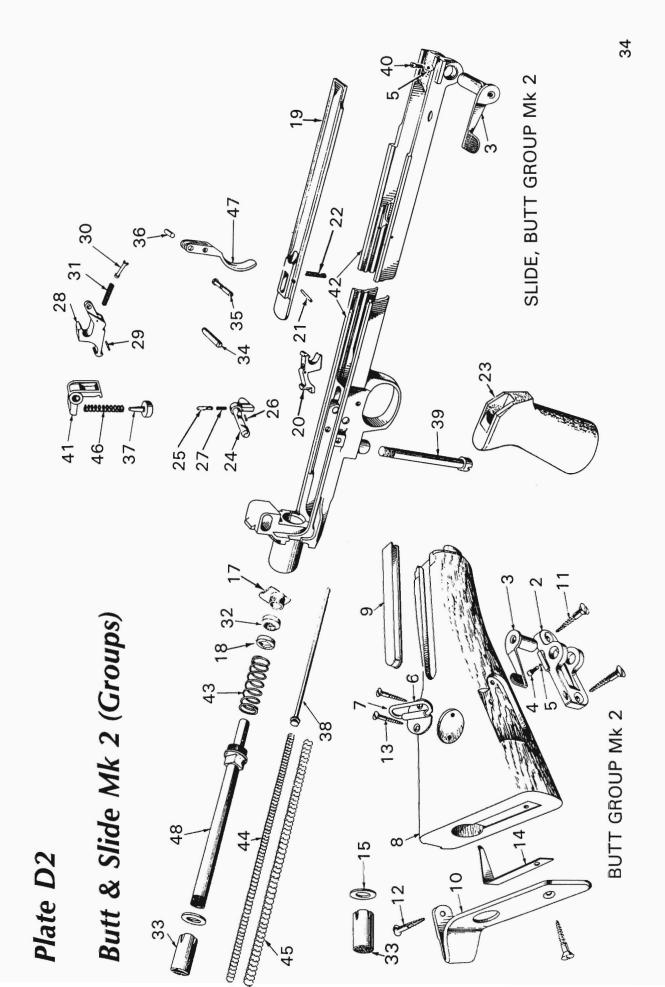
REMARKS	16 S.W.G. x .68" Issued complete with Nos. 5 & 6. Flat, circular spring. Crosswise reinforcing ribs on top. No reinforcing ribs across the top. Split pin. Tapered pin. Tapered pin. Countersunk, 2 BA x .22". Round head, .3165" d. x .275". Sizes: 3X, 2X, 1X, 00, 0, 1, 2, 3, 4, 5 & 6. Flat spring. Coil spring. Coil spring. Coil spring. Coil spring.
DRAWING NUMBER	MGD 25508 MGD 25518 MGD 25518 MGD 25518 MGD 25513 MGD 25513 MGD 25513 MGD 25513 MGD 25513 MGD 25513 MGD 25505 MGD 25505 MGD 2509 MGD 1328 MGD 1376 MGD 1376 MGD 1376 MGD 1376 MGD 1376
NO. OFF	
MAT.	Steel Spring Steel Spring Steel Spring Steel Spring Steel Steel Steel Spring Steel Steel Steel Spring Steel
VOCAB. NUMBER	BE 4149 BE 4112 BE 4112 BE 41133 BE 8216 BE 8218 BE 8216 BE 8216 BE 8224 BE 9433 BE 9493 BE 9495 BE 9525 BE 9525 BE 9525 BE 96515 BE 9495
DESIGNATION	BODY, GROUP, MK 2 BACKSIGHT, MK 2 LEAF, backsight SCREW, BACKSIGHT KNOB PIN, screw retaining SCREW, BACKSIGHT KNOB PIN, knob SCREW SLIDE SPRING, knob BODY, MK 2 CATCH, magazine, MK 1 COVER, magazine opening, MK 2 CATCH, magazine opening, MK 2 CATCH, magazine opening, MK 2 COVER, magazine opening, MK 1 EJECTOR, gas, MK 2 COVER, magazine opening, MK 1 EJECTOR, gas, MK 2 COVER, magazine opening, MK 2 CYLINDER, gas, MK 1 EJECTOR, gas, MK 2 SPRING, backsight leaf axis PIN, body locking pin RETAINER, barrel nut retainer RETAINER, barrel nut retainer RETAINER, barrel nut retainer RETAINER, backsight leaf, MK 2 SCREW, backsight leaf, MK 2 SPRING, magazine catch HANDLE, COCKING, MK 2 PIN,
REF. NO.	

	nn.		top. top.			
	Same assembly as for Mk 2 gun.		Crosswise reinforcing ribs on top. No reinforcing ribs across the top.		Round head, .3165" d. x .275". Sizes: 00, 0, 1, 2, 3, 4, 5 & 6. Same assembly as for Mk I gun.	
REMARKS	ıbly as t	k .68"	einforcir ng ribs a		, .3165' 1, 2, 3, 4 1bly as f	
REM	ne assen	16 S.W.G. x .68" Flat, circular spring.	sswise r einforci	Tapered pin.	Round head, .3168 Sizes: 00, 0, 1, 2, 3, Same assembly as	spring. spring. spring. spring. spring.
	Sam	16 S	OZ 0.02	Тар		COC TOC
DRA WING NUMBER	3774 2518 2514 2508		3//0 1225 1225 1230 2505 1246 2509		1328 1342 251 <i>7</i> <i>various</i> 1426 1258 3803	1357 1373 1366 2516 1376 1377
	MGD MGD MGD	M : M : M : M : M : M : M : M : M : M :		WWWW.		
NO. OFF						
	Steel Steel	Steel H.T. Steel H.T. Steel Spring Steel	HHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH	Steel Steel Steel Steel	H.T. Steel H.T. Steel H.T. Steel H.T. Steel Steel Steel Steel	Steel Steel Steel Steel Steel Steel Steel
MAT.	H.H. Q	Steel H.T. Sprin			Steel Steel	Steel Spring Spring Spring Spring Spring
VOCAB. NUMBER	0446 4112 8218 4119	4127 4140 4142	044/ 9433 9650 9438 9651 4150 9443	G1/GA 0800 BE 9464 BE 8214 BE 9469 BE 9483 BE 9495 BE 9495	9494 8202 4138 <i>various</i> 0448 9447 0517	9507 9522 9515 4144 9525 9524
NON	BE B	18 8 8 8 1 1 8 1 8 1 1 1 1 1 1 1 1 1 1 1		BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB	BERES HER	
		****	## ###.	#####	#### MBL\####	k 1 ** ** ** ** ** ** ** ** ** ** ** ** *
NO	.303-in. MK A. A.	ht screw	, MK 1		RETAINER, pin, magazine catch SCREW, shoulder, locking SCREW, spring, backsight leaf . # SHOULDER, locking SLIDE, HANDLE, COCKING, ASSEMBLY HANDLE, cocking, Mk 1 . # PIN, handle, cocking, Mk 3 # PLUNGER, handle, cocking, Mk 2 . #	SLIDE, handle, cocking SPRING, plunger, cock. handle Mk 1 SPRING, catch, magazine SPRING, leaf, backsight SPRING, retainer, barrel nut SPRING, retainer, body locking pin SPRING, retainer, magazine catch pin
DESIGNATION	3	sksight (BODY, Mk 3 CATCH, magazine, Mk 1 CATCH, magazine, Mk 2 COVER, magazine opening, Mk COVER, magazine opening, Mk CYLINDER, gas, Mk 2 EJECTOR PIN, axis, backsight, leaf	PIN, keep, 1/16" x 3/4". PIN, catch, magazine. PIN, cylinder, gas. PIN, locking, body. PLUNGER, retainer, barrel nut. RETAINER, nut, barrel. RETAINER, pin, body locking.	RETAINER, pin, magazine catch SCREW, shoulder, locking SCREW, spring, backsight leaf . SHOULDER, locking SLIDE, HANDLE, COCKING, ASSEI HANDLE, cocking, Mk 1 PIN, handle, cocking, Mk 3 PLUNGER, handle, cocking, Mk 2	cking cock. h gazine sight arrel nu ody locl
DES	CHINE, JP, MK T, MK 2 Cksight Ksight N	ing, backing, backing, backsight cksight inob, backing	3 agazine, agazine, agazine (agasine) acksiahi	l, keep, 1/16" x catch, magazir cylinder, gas locking, body NGER, retainer, all NNER, nut, bar NNER, pin, book	pin, ma oulder, l ring, ba ring, ba locking DLE, C cocking e, cocki	ndle, co llunger, tch, ma if, back: tainer, b tainer, b
	BODY, GROUP, MK 3 BACKSIGHT, MK 2 KNOB, backsight LEAF, backsight MK	PIN, KIND, Dacksight PIN, retaining, backsight SCREW, backsight SLIDE, backsight SPRING, knob, backsight	BODY, Mk 3 CATCH, magazine, Mk 1 CATCH, magazine, Mk 2 COVER, magazine openir COVER, magazine openir CYLINDER, gas, Mk 2 EJECTOR PIN, axis, backsight, leaf	PIN, keep, 1/16" x 3/4" PIN, catch, magazine PIN, cylinder, gas PIN, locking, body PLUNGER, retainer, ba RETAINER, nut, barrel RETAINER, pin, body I	RETAINER, pin, magazine SCREW, shoulder, locking SCREW, spring, backsight SHOULDER, locking SLIDE, HANDLE, COCKING HANDLE, cocking, Mk 1 PIN, handle, cocking, Mk PLUNGER, handle, cocking	RING, par ING, car ING, ref ING, ref ING, ref
u'.	E		S CONTRACTOR OF	PIN, N	SCRE SCRE SHOU SHOU	SPR SPR SPR SPR SPR SPR SPR
REF. NO.	Plate 1 # 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8/024	0111110	22 22 23 23	255 27 27 33 33 34 34 35 36 37	333 334 337 34 37 37

Plate D1



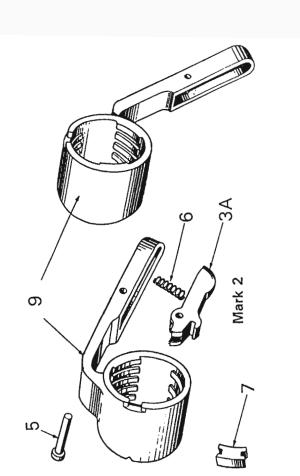
REMARKS		Respectively; ordered separately. Wood screw, round head, No. 12. Round head, .165"d. x 1.6". Later model has straight edges.	Not required when Mk 2 butt is fitted. Mk 2 cover, BE 8217, is an alternative. Mk 2 catch, BE 9649, is an alternative.	286 & 1370. Pi 311 & 1384. Round, slot Minor diffet	.1595" d. x .713"16" d. x .313". Tubular screw, some were solid. Mk 1 (BE 9501) obsolescent. Mk 2 model has inner & outer springs.
DWG NO.	D 1291 1292 1293 1293 1293 1293 1293 1293	00000004		0000000	001299 013290 0133333 013349 013369 013369 013369 013369 013369 01369 01369 01369 01369 01369
DW			222222		
NO.		-02 ea			
VOCAB. No. MAT.	E GROUPS, MK 1 6899 9427 H.T. 9420 H.T. 8228 H.T. 0176 Steel 9424 H.T. 9434 H.T. 9434 H.T. 9434 H.T. 9434 H.T. 9434 H.T. 9434 H.T. 9434 H.T. 9434 H.T. 9439 H.T. 9430 H.T. 9440	99480-1 99505 9510 9513 9533	0519 9430 9435 9437 9437 9416 9465 & 951	0456 9441, 9466 9630 9472, 9487 9462 9455 8188	BE 9471 BE 9468 BE 9489 BE 9489 BE 9491 BE 9535 BE 9521 BE 8228 BE 8228 BE 8228 BE 8228 BE 8228 BE 8511 Spring Steel BE 9534 BE 9535 BE 9535 BE 9535 BE 9535 BE 9535
	MK		. * * * * * * * * * * * * * * * * * * *		****
). DESIGNATION	ACHINE, BREN, .303-in. , Mk 1, unting, rear retaining, Mk 2 nti-friction, ½-in. , butt plate catch BUTT PLATE, MK 1 < 1 < 1 cotting handle slide return spring tube nut	PLATES, butt swivel, left & right SCREW, butt, bracket	BUFFER, piston. CAP, return spring tube COLLAR, friction, piston buffer COVER, ejection opening, Mk 1 CATCH, Mk 1 CATCH, Mk 1 GRIP, pistol. Mk 1	LEVER, CHANGE DETENT; PIN & SPRING, detent, lever change LEVER, TRIPPING PIN, PLUNGER & SPRING, trigger NUT, piston buffer NUT, return spring tube, Mk 1 PIN, mounting PIN, sear Mk 1 ##	· · · · · · · · · · · · · · · · · · ·
REF. NO	Plate D 1 1 1 1 1 1 1 1 1	245072 245078 4	221 222 223 26-27 28	29 330-32 34-36 398 398 40	444444444 6-7646666666666666666666666666



	g 7.
REMARKS	Later made obsolescent by Mk 4. These are now interchangeable. Only required when screw is fitted. Wood screw, round head, No. 12. Wood screw, round head, No. 8. Most parts are interchangeable on Mk 1 Previously part no. BE 9425. Mk 2 is more shallow, a pressing. A little different in shape to Mk 1. Previously part no. BE 4117. Same assembly as on Mk 1 gun. O59" d. x .225". Same assembly as on Mk 1 gun. .059" d. x .315". Round, slotted. Nut, Mk 2 (BE 4123) obsolescent. 1595" d. x .713". Tubular. Simplified production. Tubular. Simplified production. Two springs constitute the Mark 2; Mk 1 is shorter, using one spring.
DWG NO.	MGD 2468 MGD 22462 MGD 22462 MGD 22462 MGD 22463 MGD 2463 MGD 2463 MGD 2463 MGD 2463 MGD 2463 MGD 2488 MGD 2488 MGD 2488 MGD 22488 MGD 12264 MGD 12293 MGD 12393 MGD 12393 MGD 12393 MGD 12393 MGD 12393 MGD 12393 MGD 13395 MGD 13395 MGD 13396 MGD 13396
NO.	
MAT.	S, MK 2. H.T. Steel H.T. Steel H.T. Steel H.T. Steel Spring Steel H.T. Steel H.T. Steel H.T. Steel H.T. Steel Spring Steel H.T. Steel H.T. Steel H.T. Steel H.T. Steel Spring Steel H.T. Steel H.T. Steel H.T. Steel H.T. Steel H.T. Steel H.T. Steel Spring Steel Spring Steel H.T. Steel H.T. Steel H.T. Steel Spring Steel Spring Steel H.T. Steel H.T. Steel H.T. Steel Spring Steel Spring Steel Spring Steel H.T. Steel H.T. Steel Spring Steel Spring Steel H.T. Steel H.T. Steel H.T. Steel H.T. Steel Spring Steel Spring Steel H.T. Steel H.T. Steel Spring Steel Spring Steel H.T. Steel
VOCAB. No.	& SLIDE GROUPS, R BE 4115 BE 9291 BE 9291 BE 92470 BE 8228 BF 0176 CA 0675 BE 8227 BE 8227 BE 8227 BE 9505 BE 9505 BE 9505 BE 9505 BE 9505 BE 9505 BE 94135 BE 9441 BH 0519 BE 9465 BE 9465 BE 9465 BE 9465 BE 9466
	AMK 2: BUTT
DESIGNATION	BUTT, MK 2 BRACKET, MK 2 BRACKET, MK 2 BRACKET, WK 2 BRACKET, SING 2 BALL, anti-friction, Ne-in. BRACKET, swivel SWIVEL, sling BUTT, MK 2 COVER, cocking handle slide PLATE, butt, MK 2 SCREW, butt bracket SCREW, butt bracket SCREW, butt plate SCREW, swivel bracket SCREW, swivel bracket SCREW, swivel bracket SCREW, swivel bracket SCREW, catch SPRING, catch SPRING, catch SPRING, catch SPRING, catch SPRING, detent SPRING, detent SPRING, trigger spring SPRING, trigger spring SPRING, trigger NUT, return spring SCREW, retaining, mounting pin, MK 2 SCREW, retaining, mounting pin, MK 2 SEAR SEAR SERNG, return, MK 2 SEAR SERNG, return, MK 2 SERN
REF. NO.	Age D2 Color C

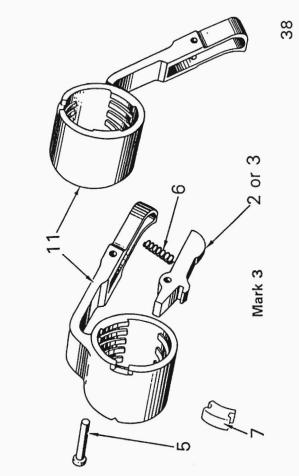
REMARKS	Same as for Butts, Mk 1 & 2.	Wood screws, round head, No. 12. Wood screws, same as previous item.	Most parts interchangeable on previous Mks. Previously part no. BE 9425. Mk 2 is more shallow, a pressing.	A little different in shape to Mk 1. Reversion to Mk 1 pattern. Same assembly as on Mk 1 & 2 guns.	Same assembly as on Mk 1 & 2 guns.	Round, slotted. Nut, Mk 2 (BE 4123) obsolescent. .16" d. x .313".	.1595" d. x .713". Tubular. Simplified production.	These two springs constitute Mk 2 spring. These two springs constitute Mk 2 spring. Mk 2 trigger (BE 4147) is alternative. Only required when screw (#38) is fitted.
DWG NO.	MGA 3725 MGD 3728 MGD 3726 MGD 1231 MGD 3729	MGD 3330 MGD 1345 MGD 2460 MGD 3731	404	MGD 2489 MGD 1383 MGD 1283				MGD 2992 MGD 1349 MGD 3772 MGD 1395 MGD 1396 MGD 1405 MGD 1405
NO.		22						
MAT.	GROUP, MK 3. H.T. Steel Wood Steel H.T. Steel	Steel Steel Steel Spring Steel		H.T. Steel H.T. Steel Spring Steel Wood H.T. Steel	H.T. Steel Spring Steel H.T. Steel	Spring Steel H.T. Steel H.T. Steel H.T. Steel	H.T. Steel Steel H.T. Steel H.T. Steel	H.T. Steel H.T. Steel Spring Steel Spring Steel Spring Steel Spring Steel H.T. Steel H.T. Steel
VOCAB. No.	4 & SLIDE BE 9387 BE 9389 BE 9394 BE 9439 BE 9439 BE 9394	BEE 93007 BEE 950907 BEE 950907 9301 9301 9301	BE 4148 BH 0565 BH 0519 BE 9435 BE 8217	BE 9649 BE 9465 BE 9518 BH 0444	BE 9444- BE 9519 BE 9630	BE 948 BE 9528 BE 9462 BE 94688 BE 9470	BE 8188 BE 9471 BE 9489 BE 9491 BH 0564	BE 8228 BE 8189 BH 0566 BH 0566 BE 6896 BE 6897 BE 9526 BE 9534 BE 9653
REF. NO. DESIGNATION	† BUTT, MK 4 BRACKET, butt, Mk 3 BUTT, Mk 4 COVER, cocking handle slide PIN, rear mounting, Mk 2.	PLATE, Dutt, MK 5 PLUNGER, butt bracket # SCREW, bracket, butt # SCREW, plate, butt	WASHER, nut, return spring tube . # ‡ SLIDE, BUTT, MK 3 BUFFER, piston . # COLLAR, friction, piston buffer . # COVER, election opening, MK 2 . #	CATCH, cover, ejection opening Mk 2 # PIN, catch, cover, ejection opening. # SPRING, catch, cover, ejection opening # GRIP, pistol, Mk 1 LEVER, CHANGE	DETENT, Tever, change PIN, detent, change lever SPRING, detent, change lever LEVER, TRIPPING, MK 1 PIN, plunger, trigger spring	PLUNGEH, spring, trigger . # SPRING, trigger . # NUT, piston buffer . # NUT, return spring tube, Mk 3 . # PIN, lever, tripping . # PIN, lever, tripping . #	, sear, Mk 1 , trigger ST, spring, s D, return spi	ront mount pin, Mk 2 2, inner 2, outer , Mk 2 friction, 18-in.
REF	Plate 2 3 3 5 5	0 0 8 0 1	-25450	20012	72222 784601	330287	0000000 1004000	88044444444444444444444444444444444444

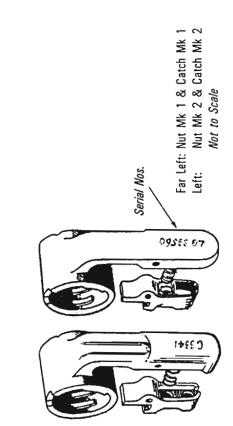
Barrel Nut Assemblies



2 or 3

Mark 1



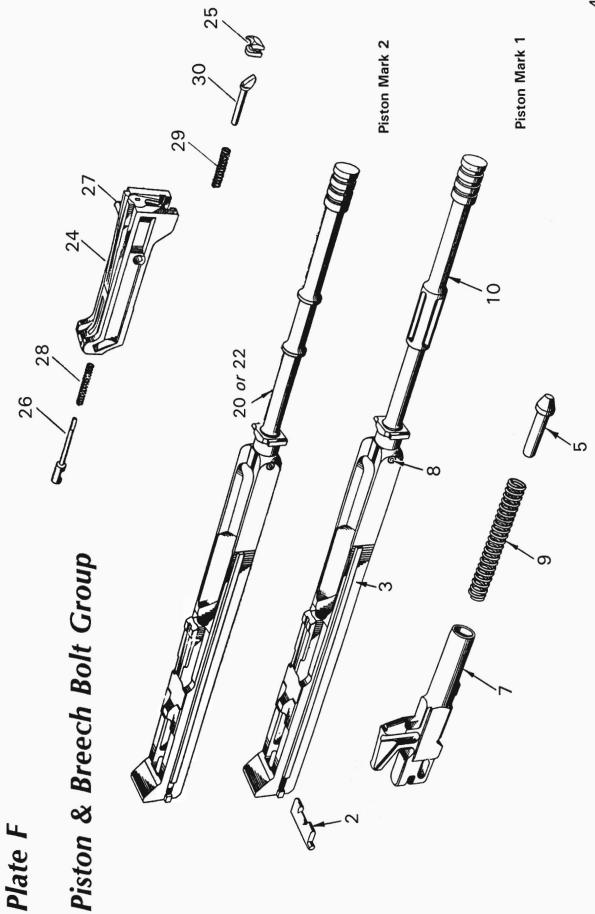


REMARKS	Different sizes, Mk 1 now obsolescent.	Catch Mk 2 (BE 8219) only on Nut Mk 2 Different sizes, now obsolescent. .138" d. x .67"	various teel 1 MGD 2486 Assembled, different sizes. various H.T. Steel 1 MGD 2484 Different sizes, 0 - 5 or 6. BE 8219 H.T. Steel 1 MGD 2485 for the Barrel Nut Mk 1, except for Catch Mks 2 & 3 being nominated.	Assembled, different sizes. Different sizes, 0 - 5. being nominated.
DRA WING NUMBER	MGA 1429 MGD 1226	MGD 3396 MGD 1268 MGD 1284 MGD 1367 MGD 1390	MGA 2486 MGD 2484 MGD 2485 atch Mks 2 & 3	MGA 3775 MGD 3771 tch Mks 1 & 3
NO. OFF			1 1 1 for C	1 1 fing Ca
MAT.	BARREL. H.T. Steel	H.T. Steel H.T. Steel H.T. Steel Spring Steel H.T. Steel	H.T. Steel H.T. Steel H.T. Steel	various
VOCAB. NUMBER	8 3; NUTS, BARREL.	BE 6920 various BE 9474 BE 9514 BE 8215		
DESIGNATION	Plate E GUN, MACHINE, BREN, .303-in. MKS 1, 2 1	CATCH, Mk 3	NUT, BARREL, MK 2	NUT, BARREL, MK 3 . A
REF. NO.	Plate £	w400r	# 88 8 8 8 9	10 #

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The different Barrel Nut sizes	s and appropriate	e parts nos. we	ere: —			
Mark 1		Mark 2			Mark 3	
NUT, BARREL, MK 1, Size No. 0	BE 6910	NUT, BARREL,	, MK 2, Size No. 0		NUT, BARREL, MK 3, Size No. 0	
NUT, Mk 1, Size No. 0	CA 0818	NUT, Mk 2, S	ize No. 0		NUT, Mk 3, Size No. 0	
NUT, BARREL, MK 1, Size No. 1	BE 6911	NUT, BARREL,	MK 2, Size No. 1		NUT, BARREL, MK 3, Size No. 1	
NUT, Mk 1, Size No. 1	CA 0819	NUT, MK 2, S	ize No. 1	CA 0813	NUT, Mk 3, Size No. 1	BH 0451
NUT, BARREL, MK 1, Size No. 2	BE 6912	NUT, BARREL,	MK 2, Size No. 2		NUT, BARREL, MK 3, Size No. 2	
NUT, Mk 1, Size No. 2	CA 0820	NUT, Mk 2, S	lize No. 2		NUT, Mk 3, Size No. 2	
NUT, BARREL, MK 1, Size No. 3	BE 6913	NUT, BARREL,	MK 2, Size No. 3		NUT, BARREL, MK 3, Size No. 3	
NUT, Mk 1, Size No. 3	CA 0821	NUT, MK 2, S	ize No. 3		NUT, Mk 3, Size No. 3	
NUT, BARREL, MK 1, Size No. 4	BE 6914	NUT, BARREL, I	MK 2, Size No. 4		NUT, BARREL, MK 3, Size No. 4	
NUT, Mk 1, Size No. 4	CA 0822	NUT, Mk 2, S	ize No. 4		NUT, Mk 3, Size No. 4	
NUT, BARREL, MK 1, Size No. 5	BE 6915	NUT, BARREL, I	MK 2, Size No. 5		NUT, BARREL, MK 3, Size No. 5	
NUT, Mk 1, Size No. 5 CA 0823 NUT, Mk 2, Size No. 5	CA 0823	NUT, MK 2, S	ize No. 5		NUT, Mk 3, Size No. 5	
Australian Lists catalogue a size No. 6:	NUT, BARREL, MK NUT, BARREL, MK	MK 1, Size No. 6 MK 2, Size No. 6	BE 6916 BE 6909			

These parts are provided for normal maintenance, held in Ordnance stores for issue. ‡ Item number does not appear on the illustration plate, usually because these are assemblies.



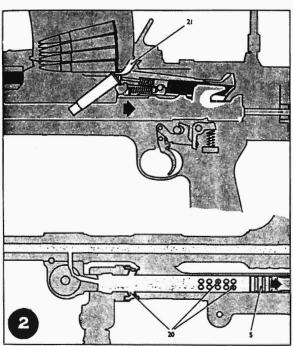
REMARKS			Obsolescent.				.165" d. x .805".							Or BE 8216. Obsolescent.				.165" d. x .805".		1 sheet drawing.		2 sheets drawing.		No part no. when stripped bare?			.195" d. x .92".	Besa 7.92mm firing pin spring,	or part no. BE 8181.	
DRA WING NUMBER			MGD 2515	MGD 1319			MGD 1331	$\overline{}$	MGD 1300		MGD 2507	MGD 1232	MGD 1247				MGD 1320			MGD 2506		MGD 2506		MGD 1203	MGD 1248		MGD 1329	MGD 2258		MGD 1385
NO. OFF		, ,	-	-	-	–	-		_		-	-	,	-		-	-	_	—	-	_	-	_	-	-	-	_	_	-	
MAT.		H.T. Steel	H.T. Steel			H.T. Steel	H.T. Steel	\subseteq	H.T. Steel		:	H.T. Steel	H.T. Steel	H.T. Steel	H.T. Steel	H.T. Steel	H.T. Steel	H.T. Steel	Spring Steel		.03	H.T. Steel	:	H.T. Steel	H.T. Steel	H.T. Steel	H.T. Steel	Spring Steel	Spring Steel	H.T. Steel
VOCAB. NUMBER	0.061	BE 9436	BE 8216	BE 9771	BE 9488	BE 9773	BH 0727	818	BE 8232		BE 9654	BE 9436	BE 9476	BE 9484	BE 9771	BE 9488	BE 9773	BH 0727	BE 8182	BE 8220	X2/XB 107	BE 8220	BE 9428	:	BE 8178	BE 8179	BE 9628	BG 4228	BE 8184	BE 8185
	A. MK 3; PISTON	## F	tt: ‡t:	#	#	##	#	٠	#		Α.	##		·	#		##		#		1, rustproof		4		#	#		**	#	#
DESIGNATION	GUN, MACHINE, BREN, .303-in. M PISTON, MK 1	COTTER, piston post .	EXTENSION PLUNGER, piston post, Mk 1	PLUNGER, piston post, Mk 2 1	POST, piston, Mk 1 §	POST, piston, Mk 2 †	RETAINER, stem	SPRING, post	STEM, Mk 1		PISTON, Mk 2	COTTER, piston post .	EXTENSION	PLUNGER, piston post, Mk 1	PLUNGER, piston post, Mk 2 †	POST, piston, Mk 1 §	POST, piston, Mk 2 †	RETAINER, stem	SPRING, post	STEM, Mk 2	SCREW, BSF, BS, Hex. hd., % x	STEM, Mk 2	BLOCK, BREECH, assembled	BLOCK, breech .	EXTRACTOR .	PIN, firing	RETAINER, pin, firing.	SPRING, pin, firing	SPRING, stay, extractor	STAY, extractor .
REF. NO.	Plate F	2	ω 4 ++	5 01	# 9	7 01	ω	ത	10	0	11 #		13	14 #	15 or	16 #	17 or	18	19	20	21 #	20	23 ‡		25	26	27	28	29	30

These parts are provided for normal maintenance, held in Ordnance stores for issue. Item number does not appear on the illustration plate, usually because these are assemblies. To be used together only. To be used together only.

OPERATING MECHANISM

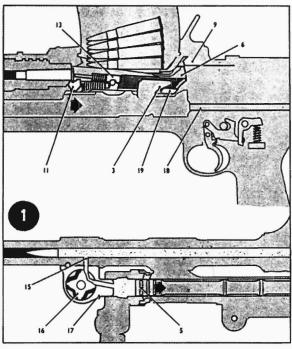
ACTION DESCRIPTION— On discharge of the cartridge, some of the gases following the bullet pass through the gas vent and gas regulator into the gas cylinder. This forces the piston to the rear and compresses the return spring until the piston is stopped by the piston buffer. The empty case, being gripped by the extractor, is carried to the rear on the face of the breech block until its base meets the ejector. The case then ejects downwards through the ejection slot in the piston.

The piston, carrying the breechblock, having been stopped by the piston buffer, is forced forward by the return spring. Feed horns on the bolt contact the base of the first round in the magazine and force it forward into the chamber, the extractor closing over the rim. The piston post in its final move forward drives the firing pin against the cartridge cap, thus firing the round. The cycle is repeated during automatic fire, so long as the trigger remains depressed and the magazine is charged.



Exhaust Action of the Gases, Extraction and Ejection

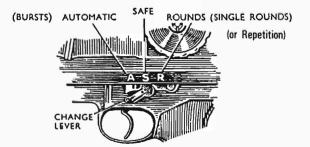
- 3 piston post tongue
- gas piston
- 6 rear of breech block
- 9 body locking shoulder
- 11 extractor
- 13 firing pin
- 15 barrel gas vent
- 16 gas regulator
- 17 gas block
- 18 return spring rod
- 19 unlocking cam face
- 20 gas vents
- 21 ejector



Action of the Gases and Unlocking the Breech

With the change lever at "A" (Automatic), pressure on the trigger disengages the sear from the bent on the piston, and the piston is allowed to go forward. As long as the trigger is pressed, the gun will continue to fire but if the trigger is released, the bent will engage with the sear the next time the piston comes to the rear, stopping its forward movement.

With the change lever at "R" (Rounds), the trigger must be pressed each time a shot is to be fired, because the piston is held back after each round. With the change lever at "S" (Safe), the trigger is disengaged from the sear and the gun cannot be fired.



Note— If trigger pressure is maintained when the **change lever** is altered from "safe" to "automatic" and then released and the trigger pressed again, the gun will not fire. The change lever, therefore, will not be altered while the trigger is pressed.

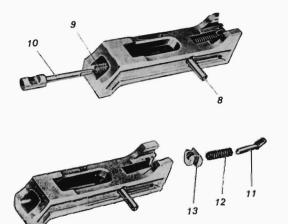
STRIPPING & ASSEMBLY



The Bren was designed for quick takedown and interchange of assemblies and their sub-assemblies; for further stripping, it is best to use the original Bren tools. Essential spare parts and a combination tool were issued in the Spares Wallet with each gun. Before stripping, the standard safety procedures are to remove the magazine, cock the gun and check that the body and chamber are clear.

To Remove the Piston & Breech Block Assemblies. With piston and breech block in the forward position, push out the body locking pin (1) from left to right and draw the butt (2) to the rear until the return spring rod (3) is clear of the body (4). Hold the return spring rod to the left and pull the cocking handle sharply to the rear to withdraw piston (6) and breech block (7). If this does not move the piston and

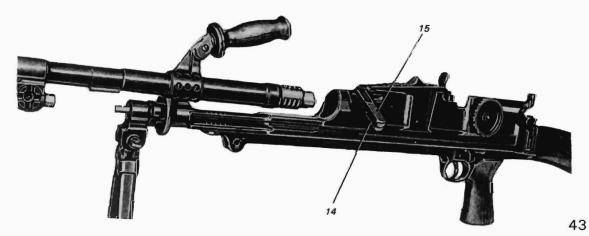
and breech block to the rear, insert your fingers through the ejection opening underneath and ease piston and breech block rearwards. Return the cocking handle to its forward position and remove piston and breech block. Release the return spring rod in order to resume its normal position. *To Remove Breech Block from the Piston Extension* (after removal from the gun), pull the block to the rear and give it a slight upward tilt in order to clear the piston post.

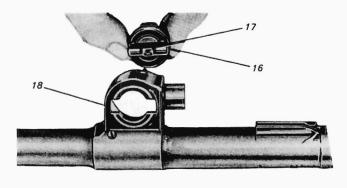


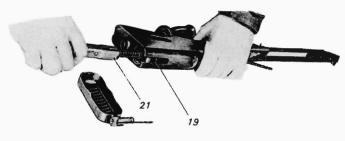
To Remove Firing Pin and Spring, hold the breech block with underside uppermost, press out firing pin retainer (8) from left to right, allowing the firing pin spring (9) to push the firing pin (10) rearwards. Be careful that the firing pin does not fly out under pressure of its spring.

To Remove Extractor Stay and Spring. With the underside of breech block uppermost, lift the front end of the extractor stay (11) until it disengages from the extractor (12). Remove extractor stay and spring (13) and lift the extractor up out of its guides in the breech block. Be careful to prevent loss when pressure on the stay spring is released.

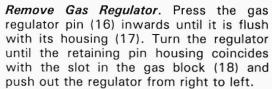
To Remove Barrel. Check that the magazine opening cover is closed and the gun is tilted to the right. Depress barrel nut catch (14) and raise handle (15) to its fullest extent, disengaging the locking threads of the barrel nut from those of the barrel. Push barrel forward and lift clear.









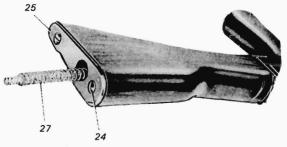


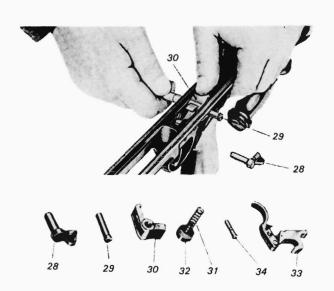
Remove Butt Slide Assembly (not illustrated). Disengage barrel nut catch and raise the barrel nut handle (necessary only for stripping the Mk 1 gun). Withdraw the butt slide from the body.

To Remove Butt Plate and Return Spring. Mk 1 Butt: Depress the butt plate catch (19) and remove the butt plate (20). Place the open end of the combination tool (21) over the return spring tube cap (22), press the cap inward and turn anticlockwise approximately 90°, ease the combination tool to the rear and remove the cap. Withdraw the return spring (23) and return spring rod.

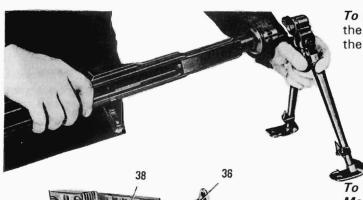
Mk 2 & 4 Butts: Unscrew and remove the two butt plate screws (24) and remove the butt plate (25). Using the combination tool or screwdriver, unscrew the return spring tube cap (26) and remove the cap. Remove the return spring (27) and return spring rod.







Remove and Strip the Trigger Mechanism. Rotate the change lever (28) until the detent is clear of its recess (i.e. between "Safe" and "Automatic" or "Safe" and "Repetition" and push out the lever from right to left, controlling the upward tendency of the sear. Push out the sear pin (29) from left to right, controlling the upward tendency of the sear (30). Remove the sear (30), spring (31) and post (32). Rotate the tripping lever (33) upward to disengage the plunger from the cannelure in the trigger pin (34) and push out the pin from right to left. Remove the trigger and tripping lever complete, through the top of the butt slide.



To Remove Bipod. Rotate the gun body to the left through 90° and then withdraw the bipod from the gas cylinder.

To Remove Magazine Catch, Ejector and Magazine Opening Cover. Slide magazine opening cover forward, press magazine catch pin (35) to the right to disengage the retainer, and withdraw the pin to the right as far as it will go. Slide ejector and magazine catch (36) forward, clear of the body. With magazine catch and ejector removed from the gun, withdraw the magazine opening cover (38) to the rear.

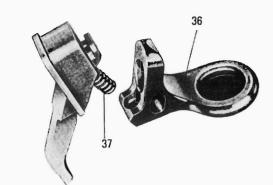
To Strip the Magazine Catch and Ejector. Hold the magazine catch and ejector between the finger and thumb of the right hand, the thumb placed against the rear of the ejector and with the finger and thumb of the left hand, hold the operating projection of the magazine catch. Then compress the magazine catch spring (37) and rotate the catch (36) forward, thereby disengaging the two components.

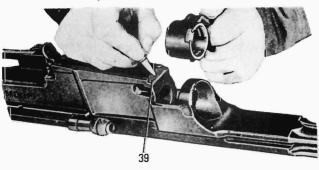
To Remove the Barrel Nut. Close the magazine opening cover, disengage the barrel nut catch and press down the plunger in front of the magazine opening (39) with a punch or bullet tip. Then lift out the barrel nut.

To Strip the Magazine. Press in stud (40) protruding through the bottom plate (41) and slide it off. Mk 2 magazine has two indentations (42) in the bottom plate which prevent its being slid all the way off; then lift it off sideways. Take out magazine spring (43) and platform.

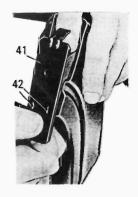
ASSEMBLY of the gun generally occurs in reverse order to the stripping. In replacing springs, be careful they do not buckle.

cleaning: For working guns, lubricate the breech block locking shoulder and bearing surfaces, bearing surfaces on the piston extension, piston guide and ribs and grooves in the gun body in which the piston guide ribs run. Leave the barrel dry as well as the gas cylinder and regulator. Also leave the piston head, between the piston rings, and the breech bolt face dry.





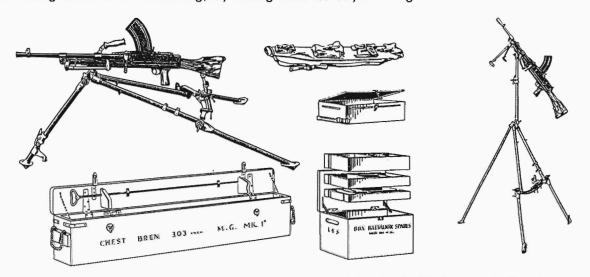




ACCESSORIES & FITTINGS

The anti-aircraft magazines are shown on page 13. Nominated as 100-rd capacity, with three dummy "follower" rounds, the true cartridge capacity was 97. These magazines were generally loaded with a high percentage of tracer, incendiary and armour-piercing ammunition and zeroed on the target by observing the tracer bullet flight. With the large capacity drum fitted, standard sights were not able to be used. The magazine cover plate was removed and a special bracket and flat spring fitted so as to mount the magazine. Makers are listed in *British Small Arms of WW2*. Four such magazines were supplied in a special box which has fittings to facilitate loading of the magazines.

British Bren tripods were made by B.S.A.; they were also manufactured in Australia, Canada and India. Some special tripods were made for paratroops and airborne forces, these are identified by the short front leg and lower profile. For the anti-aircraft role, the front leg was raised vertically and a two-piece extension removed from inside the tubes, to serve as a long front leg. A special mortice slot also facilitated the S.M.L.E. rifle being used as the front leg, by fitting onto its bayonet lug.



Bren guns were issued in wooden transit chests which also held the steel cleaning rod. A webbing holdall (spare barrel bag) contains the No. 2 barrel, cylinder cleaning rod and chamber cleaning stick. It also has five external pockets designated as follows:

Top left— Mop, wire brush, gas cylinder fouling tool and magazine cleaning brush.

Top centre— Single pull through.

Top right— Oil bottle for graphite grease.

Centre - Spare parts wallet.

Bottom - Oil can.

The webbing spares wallet pockets were nominated to contain:

Top left— Combination tools.

Centre— Oil can full of Oil A.

Top right— Double pull through and flannelette.

Bottom— Spare parts tin which also contains gas regulator reamers, ruptured case

extractor, wire gauze and a firing pin point gauge.

Other issue accessories include a magazine mandrill (for repairing dented cases), a deflector cartridge case bag and a long webbing sling with special hook catches. The steel magazine case holds twelve magazines, and wooden battalion spares boxes "A" and "B" contained tools and service spare parts. The "B" box is twice as high as the "A" box and the designations are usually stencilled on the green boxes in white paint.

PARTS MANUFACTURE IDENTIFICATION

A close examination of the inspection and production marks on component parts will help to establish the originality of a gun because different manufacturer indicator stamps were applied by the various factories and contractors. Many guns had parts replaced in service, during their routine maintenance and repair, so these replacement components can usually be identified by checking the markings.

Body Manufacturer Markings: Guns were usually marked on the right side of the body with the factory indicator and year of production. The British guns will be found to have "ENFIELD", the Enfield "**D**" logo, or "UE" on later 7.62mm L4 guns. Monotype or Daimler guns have the M67 or "**D**" markings. Canadian guns are marked INGLIS while the Australian guns are marked "LITHGOW" or "MA". Most of the Indian .303 Brens have been converted to 7.62mm 1A and these are still in service. Those few Hyderabad guns examined have been marked with "SAF" and the year.

Other Parts & Inspectors' Markings: Manufacturers' markings and/or inspection stamps will be found on most component parts. Those examples shown here are typical, no doubt some others are likely to be encountered. Australian and Canadian inspection and proof stamps will be found to differ from their British counterparts. The inspection marks should not be confused with proof marks which incorporate crossed flags, or the factory identification codes. Serial numbers can also be an indicator although many guns were upgraded in service using component parts from other makers and countries.

	-+-			ф
Enfield Inspection mark:	∰ E 27		British Proof mark:	GR A
Inglis Inspection marks:	JI, JII		Canadian Proof mark:	D C
Lithgow Inspection mark:	호 18 L		Lithgow Proof mark:	¢ L ♦
Monotype Inspection mark:	හ D 16		Indian post-war Proof mark:	
Sydney Inspection mark:	රා 6 S		Breech block Proof mark:	**
British Contractors' marks:	M13	S26	Government Acceptance mark:	\uparrow
	M47	S81		
CRD	M67	\$99	Canadian Contractors' marks:	H.C.M.
FT	M78	S105		77
нс	M88	S111		33
	M117	S123		
	M136	S180	Canadian Government marks:	^
	M601	S223		Ĉ
	M603			<u>@</u> 14
	M609	N10		14
	M625	N40	Australian Factory marks:	MA
		N65		PA
	S15	N178		ВА
	S25	N179		SLAZ

BREN GUN SERIAL NUMBERS

Different makers were allotted serial number blocks, these can confirm manufacturers. They may also identify the maker and gun to which some parts belong. Some numbers at the series end may not have been utilised, figures were sometimes recorded as being terminated short (*British Small Arms of World War 2; Codes & Contracts*, Skennerton).

ENFIELD— Principal manufacturer with over ¼-million guns by the end of the war. To this total of 253,633 must be added an indefinite quantity from the end of the war until as late as the 1960's, although this production was intermittent and ran into the 7.62mm era. The years are indicators only, not necessarily that engraved on the body, as the contract dates, production and assembly are seldom found to have coincided.

A1 <i>to</i> A999 B1	Enfield Enfield	1937	MONOTYPE GROUP po 83,438 guns, during 1	
B2 to B103 (DP guns)	Enfield		R1 to R9999	Monotype Corp.
B104 Skn model	Enfield	c.1938	S1 to S9999	Monotype Corp.
B105 to B9999	Enfield		T1 to T9999	Monotype Corp.
C1 to C9999	Enfield	c.1939	U1 to U9999	Monotype Corp.
D1 to D9999	Enfield	D5000 was Mk1 to	V1 to V9999	Monotype Corp.
E1 to E9999	Enfield	Mk1(M) changeover.	W1 to W8320	Monotype Corp.
F1 to F9999	Enfield		RA1 to RA6695	Monotype Corp.
G1 to G9999	Enfield	c.1940	RB1 to RB10000	Monotype Corp.
H1 to H9999	Enfield	00000, 1 940, 10, 10		
K1 to K9999	Enfield			
L1 to L9999	Enfield	c.1941	INGLIS production ran	from 1939 until
P1 to P9999	Enfield		1945. Some work was	carried out at
U1 to U9999	Enfield	c.1942	Long Branch after Ingli	s closed down.
V1 to V9999	Enfield		M1 to M9999	Inglis, Canada
W1 to W9999	Enfield		N1 to N9999	Inglis, Canada
X1 to X9999	Enfield		P1 <i>to</i> P2	Inglis, Canada
Y1 to Y9999	Enfield		OT1 to 15T7544	Inglis, Canada
Z1 to Z9999	Enfield		and maybe more.	
AA1 to AA9999	Enfield		0CH1 <i>(?) to</i>	Inglis, Canada,
BA1 to BA9999	Enfield	c.1943	4CH3000 approx.	7.92mm Chinese
BB1 to BB9999	Enfield			contract, 1943-45
BC1 to BC9999	Enfield			
BD1 to BD9999	Enfield			
BE1 to BE9999	Enfield		LITHGOW S.A.F. prod	
BF1 <i>to</i> BF9999	Enfield	c.1944	1940 until 1945, a to	
BG1 to BG9999	Enfield		A1 to A9999	Lithgow, Australia
BH1 <i>to</i> BH883	Enfield		B1 to B7429	Lithgow, Australia
LB1 to LB35000		from c.1945		
LB35000 to LB54033		1948-1952		
LB54384		converted to .280-in.	HYDERABAD India pro	
LB54385 to LB58823		1952-1954	during WW2 along wi	
A1000 to A7000 approx.	. Enfield	1950's-1960's.	SAF with year of ma	nutacture.

Most 1952-1956 Enfield orders were for the Irish Republic, Sudan, Aden, Burma, Singapore, Hong Kong, Pakistan, Ceylon, Rhodesia, Tripolitania, Iraq and Aden, and FTR programs.

The I, J, M, N, O, Q, R, S, & T prefixes were not used by Enfield. U, V, & W prefixes are listed as allocated to both Enfield and Monotype. Also note that serials A1 to A999 and B1 to B7429 were used by Lithgow too, though A1000 to A9999 was Lithgow only.

Recent Enfield records put their total production of the Mk I gun at 220,000 with 57,600 of the subsequent Mk 3. The Mk 2 was only produced by Monotype Corporation, a peddled scheme which incorporated sub-contractors, with their total WW2 figure of 83,438 guns.











SMALL ARMS IDENTIFICATION SERIES

Based on service Identification Lists and Armourers' Instructions, the components & accessories are detailed with stripping, parts identification and disassembly drawings. The S.A.I.S. have technical information not available before in a single reference. The 11 x 8¼-in. size with plastic laminated cover, thread-sewn binding and art paper makes the ideal study or workshop reference and manual.

- No. 1 .303-in. RIFLE N°. 1 Skennerton Updated & reprinted 2004
 The Short Magazine Lee-Enfield series as made in England, Australia and India until after WW 2.
- No. 2 .303-in. RIFLE Nº. 4 Skennerton Updated & reprinted 2002 Wartime successor of the No. 1 S.M.L.E., manufactured in Britain, Canada and the U.S.A.
- No. 3 9mm AUSTEN & OWEN SMG's Skennerton Australia's indigenous development and production, during World War 2.
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- No. 7 .303-in. MAGAZINE LEE-METFORD & LEE-ENFIELD RIFLES & CARBINES Skennerton From 1888 until the advent of the Short Magazine Lee-Enfield, the standard Empire issue rifle.
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 An illustrated precis of the renowned British revolver in service from 1915 until about 1950.
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- No. 12 7.62mm L1 & C1 F.A.L. RIFLE Skennerton A comparative study of the British, Canadian & Australian production FN inch-FAL series.
- No. 13 SPECIAL SERVICE LEE-ENFIELDS Skennerton .45 De Lisle Commando carbine and the wartime expedient gas-operated autoloaders.
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 The British Empire's first purpose-built breech-loading general service issue longarm.
- No. 16 BRITISH EMPIRE CADET & TRAINING RIFLES Skennerton A synopsis of the British, Australian, Canadian & New Zealand issue training rifles.
- No. 17 .45 THOMPSON SUB-MACHINE GUN Skennerton U.S. & British Commonwealth issue of the Model 1928A1 and M1 variants during World War 2.
- No. 18 7.62mm L42A1 SNIPER, L39, 2A & LEE-ENFIELD CONVERSIONS Skennerton British & Ishapore NATO era development of the No.1 and No.4 rifle series.
- No. 19 AUSTRALIAN S.M.L.E. VARIATIONS Skennerton & Labudda Specific Lithgow and WW2 feeder factory production along with Lithgow / Slazenger sporters.

SMALL ARMS IDENTIFICATION SERIES

Ian Skennerton

Projected Titles List—

7.62mm L1 & C1 Rifles .303 Vickers Machine Gun Australian S.M.L.E. Variations **British Empire Cadet & Training Rifles** .303 Rifle, No. 1, S.M.L.E., Marks III and III* .303 Rifle, No. 4 Marks I & I*, Marks 1/2, 1/3 & 2 7.62^{mm} L42A1 Sniper, L39 & Lee-Enfield Conversions 9^{mm} Austen Mk I & 9^{mm} Owen Mk I Sub-Machine Guns .303 Magazine Lee-Metford & Magazine Lee-Enfield .303 Pattern 1914 Rifle & Sniping Variants British Service Sword & Lance Patterns .450 & .303 Martini Rifles & Carbines .303 Bren Light Machine Gun .30 Browning Machine Gun Special Service Lee-Enfields .303 Lewis Machine Gun .303 Rifle, No. 5 Mk I .455 Pistol, Revolver, No. 1 .380 Enfield, Revolver, No. 2 .45 Thompson Sub-machine Gun 9^{mm} Sten Mk I & Mk II Machine Carbines 9mm Sten Mk V & Mk VI Machine Carbines