ORD 9 SNL A–67
TO 11W1–13–3–24

DEPARTMENT OF THE ARMY SUPPLY MANUAL
DEPARTMENT OF THE AIR FORCE TECHNICAL ORDER

DEC 9 1957

GROUP A

LIST OF ALL SERVICE PARTS

OF

GUN, MACHINE, CAL..50, AN–M3, AIRCRAFT, BASIC

DEPARTMENTS OF THE ARMY AND THE AIR FORCE

JULY 1955

*ORD 9 SNL A–67/TO 11W1–13–42–3

SUPPLY MANUAL
No. ORD 9 SNL A-67
TECHNICAL ORDER
No. TO 11W1–13–3–24

DEPARTMENTS OF THE ARMY
AND THE AIR FORCE
WASHINGTON 25, D. C., *19 July 1955*

GUN, MACHINE, CAL..50, AN–M3, AIRCRAFT, BASIC

Ref: TM 9-2190

This manual is correct to 14 June 1955

1. General *a.* This manual is an illustrated alphabetical list of parts of the cal..50 basic aircraft machinegun AN–M3.

Note. Many of the parts listed herein are not stocked for issue. See ORD 7 and ORD 8 sections of this manual for listings of those parts stocked and authorized for issue to the various categories of maintenance. When parts not listed in the ORD 8 are needed, separate requisition for these parts should be forwarded through normal supply channels with justification therefor.

b. This list of all service parts is to be used for identification and storage purposes. Every individual part is not necessarily stored by itself; many parts are stored as authorized assemblies. Such assemblies are indicated herein. The components of such assemblies are listed alphabetically with the total quantities of each part required for that particular application.

c. The Federal stock number column lists the 11-digit Federal stock number (or the 7-digit Federal item identification number) which has been assigned by the Cataloging Division, Office of the Assistant Secretary of Defense (Supply and Logistics). These numbers are for information only and will not be used in connection with supply operations, until such time as implementation of the Federal-Cataloging Program is accomplished through editing action on appropriate supply documents (requisitions, issue slips, excess lists, etc). However, where no Ordnance stock number is listed, the Federal stock number will be used for requisitioning purposes and must be suffixed with the mission assignment code, e g., 1005–726–5457–*A067*.

d. An explanation of reference symbols used in this manual is included under NOTES.

e. The prefix letter and number of the stock number (i.e., A038 or A067) usually signifies that the particular part or component was originally coded under the major-item designation for that SNL, and does NOT mean that the part is used ONLY in that major item. All subsequent manuals for materiel incorporating the part will include the same stock number for the part.

f. Additional applications of items in this manual are listed in the ORD 5–5 series.

g. For prices of items contained herein, see the the appropriate manual of the ORD 5–3 series.

h. The major item, cal..50 basic aircraft machinegun AN–M3, is stored, issued, and reviewed under ORD 3 SNL A–1, Section 1.

i. For full information relative to the Ordnance section of the Department of the Army supply supply manual, including its purposes and uses, the procedure followed, and the principles employed in its compilation, see ORD 1, and for an index thereof, see Pam 310–29.

2. Abbreviations.

AN	Army-Navy (mark or model designation)
anld	annealed
assy	assembly
b-hd	button head
cal.	caliber
cd-pltd	cadmium plated
cham	chamfer (ed)
ck-hd	countersunk head
cop	copper
deg	degree (s) (angle)
diam	diameter
dld	drilled
dld-f/c-pin	drilled for cotter pin
dl-rd	drill rod
fin	finish or finishing
fl-hd	flat head
gr	grade
hdls	headless
hex	hexagonal
ID	inside diameter (dimension)
in	inch (es)
lgh	length
LH	left hand

*** This manual supersedes ORD 9 SNL A–67, 15 October 1952.**

low-carb-S	low carbon steel
mach	machine
mfg assy	manufactured assembly
mfr	manufacture or manufacturer
NF	National Fine Thread
OD	outside diameter (dimension)
oval-ck-hd	oval countersunk head
oval-hd	oval head
phos-ctd	phosphate coated
rd-end	round end
RH	right hand
S	steel
sltd	slotted
SNL	Standard Nomenclature List
sp	special
sq-end	square end
stght	straight
stk	stock
thk	thick
UNC	Unified National Coarse Thread
UNF	Unified National Fine Thread
w/	with
wd	wide, width
w/o	without
zn-pltd	zinc plated

3. Suggestions and Recommendations. Notice of discrepancies and recommendations should be forwarded through command channels to the Chief of Ordnance, Department of the Army, Washington 25, D. C., ATTENTION: ORDFM-Pub.

(1) ILLUSTRATION NO.	(2) REFERENCE SYMBOLS	(3) ORDNANCE STOCK NO. OR MISSION ASSIGNMENT CODE	(4) FEDERAL STOCK NO.	(5) ORD-NANCE PART NO.	(6) DESCRIPTION	(7) QUANTITY INCOLPOLATED IN UNIT	(8) UNIT OF ISSUE
					PARTS OF GUN, MACHINE, CAL..50, AN-M3, AIRCRAFT, BASIC		
18		A067–7312679	1005–731–2679	7312679	ACCELERATOR	1	ea
2, 12		A067–7265620	1005–726–5620	7265620	ADAPTER, link chute, assy (For alternate, see ADAPTER, assy 7265184). Composed of one 7265619 ADAPTER, one 7313313 GUIDE, two 503232 NUT, one 7313868 POSITIONER, assy; and two 446162 WASHER	1	ea
2		A067–7265184	726–5184	7265184	ADAPTER, link chute, assy (Alternate for ADAPTER, assy 7265620). Composed of one 7265185 ADAPTER, one 7313313 GUIDE, two 503232 NUT, one 7313868 POSITIONER, assy; and two 446162 WASHER		ea
			726–5185	7265185	ADAPTER, link chute, w/STUDS (soldered)[1]	1	ea
12			726–5619	7265619	ADAPTER, link chute, w/STUDS (soldered)[1]	1	ea
3		A938	1005–550–4052	5504052	ADAPTER, trunnion	1	ea
10		A967–7162761	1005–716–2761	7162761	ARM, belt feed pawl	1	ea
12	H–2	H102	3110–151–9623	169108	BALL, S, gr B, ¼ in.	1	ea
4		A067–7162196	1005–716–2196	7162196	BAR, trigger	1	ea
13		A067–7265156	1005–726–5156	7265156	BARREL (mfg assy)[1]	1	ea
		A038–7161580	716–1580	7161580	BARREL (mfg assy) (early mfr)[2] Includes the following removable parts: one 5130410 SLEEVE or one 5130410A SLEEVE.	1	ea
5, 6		A037–0100110	550–4076	5504076	BLOCK, trunnion (mfg assy) (early mfr)[1]	1	ea
5, 6				7266924	BLOCK, trunnion (mfg assy)[1]	1	ea
18			731–2758	7312758	BODY, barrel buffer	1	ea
18		A067–7312759	1005–731–2759	7312759	BODY, barrel buffer, assy Composed of one 7312758 BODY and two 6009715 GUIDE.	1	ea
12			731–3867	7313867	BODY, link chute adapter positioner	1	ea
9		A037–7312130	731–2030	7312030	BODY, trigger bar adjustable stop	1	ea
4			731–3104	7313104	BODY, trigger bar pin	1	ea
			726–5454	7265454	BOLT, alternate feed	1	ea
14		A967	1005–726–5457	7265457	BOLT, alternate feed, assy Composed of one 7265454 BOLT and one 7312762 PLATE.	1	ea
8		A037	5305–515–2938	5152938	BOLT, sp, S, ½–20UNF–2A x ⅞ (breech lock cam)	1	ea
3		A067–7312953	1005–731–2953	7312953	BOOSTER, recoil	1	ea
5		A037	1005–550–4059	5504059	BRACKET, belt holding pawl, LH	1	ea
6		A037	1005–612–8730	6128730	BRACKET, belt holding pawl, RH	1	ea
		A067–7162757	716–2757	7162757	BRACKET, bolt, hold-down, removable (early mfr)	1	ea
5			726–5160	7265160	BRACKET, top plate	1	ea
5		A067–7265161	726–5161	7265161	BRACKET, top plate, assy Composed of one 7265160 BRACKET and one 7310006 STOP.	1	ea
18, 19		A067–7312663	1005–731–2663	7312663	BUFFER, barrel, assy Composed of one 7312683 CAP, one 6008782 GUIDE, assy; one 7312662 PIN, one 7312686 PISTON, one 7312688 RETAINER, one 7312682 ROD, assy; one 6009832 SPRING, one 7312664 SPRING, one 7313451 SPRING, group assy; one 7312764 TUBE, assy; and one 7312689 VALVE.	1	ea

For explanation of footnotes, see NOTES, page 11.

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					PARTS OF GUN, MACHINE, CAL..50, AN-M3, AIRCRAFT, BASIC—Continued		
			731–2684	7312684	BUMPER, barrel buffer	1	ea
8		A067–7312704	1005–731–2704	7312704	CAM, breech lock	1	ea
5			731–2647	7312647	CAM, extractor	1	ea
			731–2645	7312645	CAM, extractor, cover	1	ea
19		A067–7312683	731–2683	7312683	CAP, barrel buffer tube	1	ea
17		A037–5152900	515–2900	5152900	COLLAR, driving spring rod	1	ea
				7266181	COVER, feed, belt (In COVER, assy 7266180)	1	ea
			716–1707	7161707	COVER, feed, belt (In COVER, assy 7161710)	1	ea
10		A067–7161710	1005–716–1710	7161710	COVER, feed, belt, assy (For alternate, see COVER, assy 7266180). Composed of one 7312645 CAM, one 7161707 COVER, one 7161716 PIN, three 5009282 RIVET, one 5009365 STUD, one 5009266 STUD, one 7161714 STUD, and one 7161700 WASHER.	1	ea
10				7266180	COVER, feed, belt, assy (Alternate for COVER, assy 7161710). Composed of one 7266181 COVER, one 7161716 PIN, one 7266179 RETAINER, one 135000 RIVET, one 5009365 STUD, one 5009366 STUD, one 7161714 STUD, and one 7161700 WASHER.		ea
4		A038–6008939	1005–600–8939	6008939	COVER, top plate (early mfr)	1	ea
5		A038–5013588	501–3588	5013588	COVER, trunnion block	1	ea
5		A067–7312745	731–2745	7312745	DEPRESSOR, breech lock, left	1	ea
6		A067–7312744	731–2744	7312744	DEPRESSOR, breech lock, right	1	ea
20				7266300	DISK, buffer plate	1	ea
15		A067–7265150	1005–726–5150	7265150	EJECTOR	1	ea
13			731–2711	7312711	EXTENSION, barrel	1	ea
13		A067–7312760	1005–731–2760	7312760	EXTENSION, barrel, assy Composed of one 7312711 EXTENSION, one 5009268 PIN, and one 7313744 SHANK.	1	ea
16				7266170	EXTENSION, firing pin	1	ea
14, 16		A067–7162763	1005–716–2763	7162763	EXTENSION, firing pin, assy Composed of one 7266170 EXTENSION, one 5009382 PIN, and one 5009353 SPRING.	1	ea
15			731–3751	7313751	EXTRACTOR	1	ea
14, 15		A067–7313752	1005–731–3752	7313752	EXTRACTOR, assy Composed of one 7265150 EJECTOR, one 7313751 EXTRACTOR, one 7265151 PIN, one 7265152 PIN, one 7313750 RETAINER, one 7313884 SPRING, and one 7313885 SPRING.	1	ea
18		A037–0100635	600–9715	6009715	GUIDE, barrel buffer	2	ea
		A037–0100637	500–9518	5009518	GUIDE, barrel buffer spring	1	ea
19		A037	1005–600–8782	6008782	GUIDE, barrel buffer spring, assy Composed of one 5009518 GUIDE and one 5009520 KEY.	1	ea
12			731–3313	7313313	GUIDE, cartridge link	1	ea
3		A038–0100180	550–4047	5504047	JACKET, barrel (welded)[1]	1	ea

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					PARTS OF GUN, MACHINE, CAL..50, AN-M3, AIRCRAFT, BASIC—Continued		
3		A067–7312640	1005–731–2640	7312640	JACKET, barrel, w/recoil booster, assy Composed of one 7312953 BOOSTER, one 5504047 JACKET, and two 5153192 SCREW.	1	ea
		A037–5009520	500–9520	5009520	KEY, barrel buffer spring guide	1	ea
20		A067–7313153	1005–731–3153	7313153	LATCH, back plate	1	ea
10		A037	1005–600–8928	6008928	LATCH, cover	1	ea
14		A067–7265211	1005–726–5211	7265211	LEVER, cocking	1	ea
		A037–0100730	501–3586	5013586	LEVER, cover latch shaft	1	ea
10		A067–7161712	1005–716–1712	7161712	LEVER, feed, belt	1	ea
20		A067–7313154	1005–731–3154	7313154	LOCK, back plate latch	1	ea
13		A037–7161302	105–716–1302	7161302	LOCK, breech	1	ea
			726–5181	7265181	LOCK, firing pin spring stop	1	ea
18		A037–5009266	1005–500–9266	5009266	LOCK, spring, barrel buffer body	1	ea
4			731–3105	7313105	LOCK, trigger bar pin	1	ea
3		A037	5315–501–3565	5013565	LOCK, trunnion block	1	ea
9		A037–7312027	5310–731–2027	7312027	NUT, adjusting, trigger bar stop	1	ea
12	H–1	H101–0503232		503232	NUT, SELF-LOCKING, HEXAGON: S, phos-ctd, No 10 (0.190)–32UNF–3B, 3/8 in. wd, 15/64 in. thk.	2	ea
5		A037	5305–501–3556	5013556	NUT, sltd, hex, S, 1/4–28UNF–3B, 7/32 thk (switch pivot).	1	ea
8		A037–5152939	5310–515–2939	5152939	NUT, SLOTTED, HEXAGON: S, 1/2–20UNF–2B, 3/8 thk (breech lock cam bolt).	1	ea
7			731–3081	7313081	PAWL, belt holding, LH	1	ea
5, 7		A038–7313083	1005–731–3083	7313083	PAWL, belt holding, LH and RH, w/SLEEVE, group assy. Composed of one 7313081 PAWL, one 7313082 PAWL, and one 7160627 SLEEVE.	1	ea
7			731–3082	7313082	PAWL, belt holding, RH	1	ea
3		A037–7313069	1005–731–3069	7313069	PAWL, cover detent	1	ea
11			726–5638	7265638	PAWL, feed, belt	1	ea
10, 11		A067–7265639	1005–726–5639	7265639	PAWL, feed, belt, assy Composed of one 7265638 PAWL, one 7313173 PIN, one 7313174 PLUNGER, and one 7313172 SPRING.	1	ea
			716–1716	7161716	PIN, belt feed lever pivot stud (stght, sq-ends, S, 0.093 x 0.21).	1	ea
10		A067–7313175	5315–731–3175	7313175	PIN, belt feed pawl	1	ea
			716–1706	7161706	PIN, belt feed slide retainer	1	ea
10		A067–7312642	1005–731–2642	7312642	PIN, belt feed slide retainer, assy Composed of one 7161706 PIN and one 5009357 SPRING.	1	ea
5			731–3329	7313329	PIN, belt holding pawl	1	ea
5		A037–7313328	1005–731–3328	7313328	PIN, belt holding pawl, assy Composed of one 7313329 PIN and 7313330 SPRING.	1	ea
13		A037–0101036	500–9274	5009274	PIN, breech lock	1	ea
13		A037	1005–600–8784	6008784	PIN, breech lock, assy Composed of one 5009274 PIN and one 5009357 SPRING.	1	ea
		A067–7312706	731–2706	7312706	PIN, cocking lever (early mfr)	1	ea
14		A067	5315–726–5604	7265604	PIN, cocking lever	1	ea
10	H–1	H001–4417125	5315–013–7137	137137	PIN, COTTER: S, phos-ctd, 1/16 x 1/2	1	ea

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					PARTS OF GUN, MACHINE, CAL..50, AN-M3, AIRCRAFT, BASIC—Continued		
3	H–1	H001–4417425	5315–013–7164	137164	PIN, COTTER: S, phos-ctd, 3/32 x 3/4	1	ea
3	H–1	H101–0590334	5315–059–0334	590334	PIN, COTTER: S, phos-ctd, 1/8 x 3/4[3]	1	ea
8	H–1	H001–4417755	5315–013–7205	137205	PIN, COTTER: S, phos-ctd, 1/8 x 1 1/2	1	ea
		A037–0101050	501–3587	5013587	PIN, cover latch shaft lever	1	ea
15		A067	5315–726–5151	7265151	PIN, ejector	1	ea
14		A067	1005–716–2764	7162764	PIN, firing	1	ea
16		A037	5315–500–9382	5009382	PIN, firing pin spring stop (stght, sq-ends, S, 0.0990 x 0.482).	1	ea
14		A067–7265605	726–5605	7265605	PIN, locking, cocking lever pin (early mfr)	1	ea
14		A067	5315–726–6161	7266161	PIN, locking, cocking lever pin	1	ea
11			731–3173	7313173	PIN, locking, locating plunger (stght, sq-ends, S, 0.078 x 0.360).	1	ea
15		A067	5315–726–5152	7265152	PIN, locking, retainer	1	ea
14		A067–7265456	726–5456	7265456	PIN, spring, S, 0.167 x 9/16 (alternate feed bolt switch locking) (early mfr).	2	ea
14	H–1	H101–0586095	058–6095	586095	PIN, SPRING: S, phos-ctd, 0.156 x 9/16	2	ea
5		A067–7162749	5315–716–2749	7162749	PIN, spring, switch pivot nut	1	ea
17		A037	5315–515–2898	5152898	PIN, stop, driving spring rod collar	1	ea
			726–5182	7265182	PIN, stop, firing pin spring	1	ea
14		A067	5315–726–5608	7265608	PIN, stop, sear slide	1	ea
5		A039	5315–501–3546	5013546	PIN, stght, cham, S, 0.1255 x 1.50, w/ or w/o knurled end (trunnion block cover).	2	ea
20		A037	5315–500–9275	5009275	PIN, stght, cham, S, 0.1875 x 1.963 (back plate latch)	1	ea
3		A037	5315–500–9271	5009271	PIN, STRAIGHT, HEADED: clevis or hdls, S, dld-f/c-pin, 0.250 x 2.428 (cover).	1	ea
13		A037–0101057	500–9268	5009268	PIN, STRAIGHT, HEADLESS: S, 0.1255 x 1.5 (barrel extension shank lock).	1	ea
19		A037–5009379	500–9379	5009379	PIN, STRAIGHT, HEADLESS: S, 0.1260 x 15/16 (barrel buffer piston rod).	1	ea
14		A067	5315–716–2765	7162765	PIN, stght, rd-end, S, 0.123 x 0.491 (firing pin retaining).	1	ea
18		A067	5315–731–2707	7312707	PIN, stght, S, 0.3755 x 1.966 (accelerator)	1	ea
19		A067	5315–731–2662	7312662	PIN, stght, S, oval ends, 0.155 x 1.375 (barrel buffer piston).	1	ea
4		A037	1005–731–3106	7313106	PIN, trigger bar, assy Composed of one 7313104 BODY and one 7313105 LOCK.	1	ea
		A037–7310075	731–0075	7310075	PIN, trigger bar, assy (early mfr)	1	ea
19		A067–7312686	731–2686	7312686	PISTON, barrel buffer	1	ea
20			731–3155	7313155	PLATE, back	1	ea
2, 20		A067–7313152	731–3152	7313152	PLATE, back, assy (early mfr) Composed of one 7313153 LATCH, one 7313154 LOCK, one 5009275 PIN, one 7313155 PLATE, one 7313156 PLATE, one 7313157 PLUNGER, one 7313158 SCREW, one 5009356 SPRING, one 7312665 SPRING, one 7313160 SPRING, one 7313449 SPRING, and one 7313162 STOP.	1	ea

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					PARTS OF GUN, MACHINE, CAL..50, AN-M3, AIRCRAFT, BASIC—Continued		
2, 20	----------	A067–7266302	1005–726–6302	7266302	PLATE, back, assy---------- Composed of one 7266300 DISK, one 7313153 LATCH, one 7313154 LOCK, one 5009275 PIN, one 7313155 PLATE, one 7313156 PLATE, one 7313157 PLUNGER, one 7313158 SCREW, one 5009356 SPRING, one 7266301 SPRING, one 7312665 SPRING, one 7313160 SPRING, and one 7313162 STOP.	1	ea
4	----------	----------	731–2755	7312755	PLATE, bottom----------	1	ea
20	----------	A067–7313156	1005–731–3156	7313156	PLATE, buffer----------	1	ea
			731–2762	7312762	PLATE, recoil----------	1	ea
			731–2749	7312749	PLATE, side, LH----------	1	ea
			731–2746	7312746	PLATE, side, LH (riveted)[2]---------- Includes the following removable parts: one 5504059 BRACKET, one 7312647 CAM, one 7312745 DEPRESSOR, four 5009501 RIVET, three 7266329 RIVET, and two 7312766 RIVET.	1	ea
6	----------	----------	731–2750	7312750	PLATE, side, RH----------	1	ea
			731–2747	7312747	PLATE, side, RH, assy---------- Composed of one 6128730 BRACKET, one 7312744 DEPRESSOR, one 7312750 PLATE, three 7266329 RIVET, and two 7312766 RIVET.	1	ea
20	----------	A067–7313157	3515–731–3157	7313157	PLUNGER, adjusting screw----------	1	ea
10	----------	A037–5013515	5315–299–1191	5013515	PLUNGER, belt feed lever----------	1	ea
11	----------	----------	731–3174	7313174	PLUNGER, locating, belt feed pawl arm----------	1	ea
12	----------	A067–7313868	1005–731–3868	7313868	POSITIONER, link chute adapter, assy---------- Composed of one 169108 BALL, one 7313867 BODY, one 7313311 SPRING, and one 7313864 SPRING.	1	ea
			731–2748	7312748	RECEIVER (riveted)[2]---------- Includes the following removable parts: one 5504060 BLOCK or one 7266924 BLOCK, one 7265161 BRACKET, assy; one 7312746 PLATE, one 7312755 PLATE, one 7312747 PLATE, assy; three 5009292 RIVET, sixteen 5009387 RIVET, eighteen 5009799 RIVET, four 5013558 RIVET, and sixteen 5013598 RIVET.	1	ea
19	----------	A067–7312688	1005–731–2688	7312688	RETAINER, barrel buffer valve----------	1	ea
10	----------	A067–7161705	1005–716–1705	7161705	RETAINER, belt feed slide----------	1	ea
10	----------	----------	726–6179	7266179	RETAINER, cover extractor spring----------	1	ea
15	----------	A067–7313750	1005–731–3750	7313750	RETAINER, ejector pin----------	1	ea
			731–2685	7312685	RIVET, barrel buffer bumpter (82-deg-ck-hd, cop, 0.186 x 3/8, dld).	1	ea
6	----------	A039–7266329	5320–726–6329	7266329	RIVET, belt holding pawl bracket----------	6	ea
		A037	1005–500–9282	5009282	RIVET, cover extractor cam (b-hd, S, cut on one side, 0.156 x 0.610).	3	ea
5	----------	A037	5320–501–3598	5013598	RIVET, oval-ck-hd, S, 0.188 x 0.555 (belt holding pawl bracket).	16	ea

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					PARTS OF GUN, MACHINE, CAL..50, AN–M3, AIRCRAFT, BASIC—Continued		
5	----------	A037	5320–500–9501	5009501	RIVET, SOLID: 60-deg-ck-hd, S, 0.188 x 0.405 (extractor cam).	4	ea
5, 6	----------	A067–7312766	5320–731–2766	7312766	RIVET, SOLID: 60-deg-ck-hd, S, 0.188 x 0.485 (breech lock depressor).	4	ea
4	----------	A037	5320–50–93875	009387	RIVET, SOLID: 60-deg-ck-hd, S, 0.188 x 0.56 (bottom plate).	16	ea
5	----------	A037	5320–500–9292	5009292	RIVET, SOLID: 60-deg-ck-hd, S, 0.188 x 1.13 (top plate bracket).	3	ea
	H–1	H001–0925007	----------	135000	RIVET, SOLID: ck-hd, S, plain fin, anld, $\frac{3}{32}$ x $\frac{1}{2}$	1	ea
5	----------	A037	5320–500–9799	5009799	RIVET, SOLID: oval-ck-hd, S, 0.188 x 0.605 (trunnion block).	18	ea
5	----------	A037	5320–501–3558	5013558	RIVET, SOLID: oval-ck-hd, S, 0.188 x 2.56 (trunnion block).	4	ea
19	----------	----------	731–2681	7312681	ROD, barrel buffer piston	1	ea
19	----------	A067–7312682	731–2682	7312682	ROD, barrel buffer piston, assy Composed of one 5009379 PIN and one 7312681 ROD.	1	ea
17	----------	A037–7313289	731–3289	7313289	ROD, driving spring (riveted)[1]	1	ea
2, 14, 17	----------	A067–7312692	1005–731–2692	7312692	ROD, driving spring, w/SPRING, assy Composed of one 5152900 COLLAR, one 5152898 PIN, one 7313289 ROD, and one 7312669 SPRING, group assy.	1	ea
20	----------	A067–7313158	5305–731–3158	7313158	SCREW, adjusting, buffer disk	1	ea
3	----------	A038–5152829	515–2829	5152829	SCREW, lock, breech bearing	1	ea
4	----------	A039	5305–515–3191	5153191	SCREW, mach, fl-hd, S, $\frac{1}{4}$–28UNF–2A x 0.30 (top plate cover) (early mfr).	2	ea
3	----------	A038	5305–515–3192	5153192	SCREW, oval-hd, S, $\frac{1}{4}$–28NF–2 x $\frac{5}{16}$ (recoil booster)	2	ea
9	----------	A067–7265622	5305–726–5622	7265622	SCREW, retaining, trigger bar adjustable stop	1	ea
		A037–7312028	5305–731–2028	7312028	SCREW, sp, fl-hd, S, $\frac{1}{4}$–28UNF–2A x 0.50 (trigger bar adjustable stop retaining).	1	ea
14	----------	A067–7265110	1005–726–5110	7265110	SEAR	1	ea
			731–2722	7312722	SHAFT, cover latch	1	ea
10	----------	A037–7312723	1005–731–2723	7312723	SHAFT, cover latch, assy Composed of one 5013586 LEVER, one 5013587 PIN, and one 7312722 SHAFT.	1	ea
13	----------	----------	731–3744	7313744	SHANK, barrel extension	1	ea
3	----------	A038–7265216	5340–726–5216	7265216	SHIM, trunnion block, No 1, 0.0585 thk	(‡)	ea
3	----------	A038–7265217	5340–726–5217	7265217	SHIM, trunnion block, No 2, 0.0610 thk	(‡)	ea
3	----------	A038–7265218	5340–726–5218	7265218	SHIM, trunnion block, No 3, 0.0635 thk	(‡)	ea
3	----------	A038–7265219	5340–726–5219	7265219	SHIM, trunnion block, No 4, 0.0660 thk	(‡)	ea
3	----------	A038–7265220	5340–726–5220	7265220	SHIM, trunnion block, No 5, 0.0685 thk	(‡)	ea
3	----------	A038–7265221	5340–726–5221	7265221	SHIM, trunnion block, No 6, 0.0710 thk	(‡)	ea
3	----------	A038–7265222	5340–726–5222	7265222	SHIM, trunnion block, No 7, 0.0735 thk	(‡)	ea
		A038–0300440	----------	51304-10A	SLEEVE, barrel (early mfr) (For alternate, see SLEEVE 5130410).	1	ea
		A038–0100590	513–0410	5130410	SLEEVE, barrel (early mfr) (Alternate for SLEEVE 5130410A).	------	ea
7	----------	A038–7160627	716–0627	7160627	SLEEVE, belt holding pawl	1	ea
10	----------	----------	731–3179	7313179	SLIDE, feed, belt	1	ea

For explanation of footnotes, see NOTES, page 11.

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					PARTS OF GUN, MACHINE, CAL..50, AN-M3, AIRCRAFT, BASIC—Continued		
10		A067–7313180	1005–731–3180	7313180	SLIDE, feed, belt, assy Composed of one 7313179 SLIDE and one 7313107 STUD.	1	ea
14		A067–7312709	1005–731–2709	7312709	SLIDE, sear	1	ea
20		A067–7266301	5340–726–6301	7266301	SPRING, back plate	1	ea
		A067–7265969	1005–726–5969	7265969	SPRING, belt feed pawl, assy Composed of one 7265967 SPRING and one 7265968 SPRING.	1	ea
5			731–3330	7313330	SPRING, belt holding pawl pin	1	ea
15		A067–7313884	5340–731–3884	7313884	SPRING, compression, S, 0.02 diam stk, 7/64 OD, 10 coils (ejector pin retainer).	1	ea
14		A067–7265603	5340–726–5603	7265603	SPRING, compression, S, 0.026 diam stk, 0.139 OD, 7 coils (cocking lever pin locking pin).	1	ea
5		A038–7160628	1005–716–0628	7160628	SPRING, compression, S, 0.028 diam stk, 0.180 OD, 11 coils (belt holding pawl).	2	ea
10		A037	5340–501–3516	5013516	SPRING, compression, S, 0.031 diam stk, 0.152 OD, 11 to 12 coils (belt feed lever plunger).	1	ea
20		A067–7312665	5340–731–2665	7312665	SPRING, compression, S, 0.031 diam stk, 0.182 OD, 17 coils (adjusting screw plunger).	1	ea
15		A067–7313885	5340–731–3885	7313885	SPRING, compression, S, 0.031 diam stk, 0.212 OD, 4 coils (ejector).	1	ea
3		A037	5340–501–3566	5013566	SPRING, compression, S, 0.031 diam stk, 0.321 OD, 7 coils (trunnion block lock).	1	ea
19		A067–7312664	5340–731–2664	7312664	SPRING, compression, S, 0.032 diam stk, 0.210 OD, 7 coils (barrel buffer valve).	1	ea
10		A037	5340–500–9352	5009352	SPRING, compression, S, 0.033 diam stk, 0.240 OD, 9 coils (belt feed pawl inner) (early mfr).	1	ea
10			726–5968	7265968	SPRING, compression, S, 0.033 diam stk, 0.240 OD, 9 coils (belt feed pawl inner).	1	ea
		A037	5340–500–9524	5009524	SPRING, compression, S, 0.033 diam stk, 0.241 O. 6½ coils (bolt switch stud) (Used on guns of early mfr).	1	ea
20		A067–7313160	5340–731–3160	7313160	SPRING, compression, S, 0.036 diam stk, 0.372 OD, 8 coils (back plate latch lock).	1	ea
10		A067–7312677	731–2677	7312677	SPRING, compression, S, 0.038 diam stk, 0.345 OD, 8 coils (belt feed pawl outer) (early mfr).	1	ea
10			726–5967	7265967	SPRING, compression, S, 0.038 diam stk, 0.345 OD, 8 coils (belt feed pawl outer).	1	ea
20		A037	5340–500–9356	5009356	SPRING, compression, S, 0.042 diam stk, 0.240 OD, 12 coils (back plate latch).	1	ea
14		A067–7162700	5340–716–2700	7162700	SPRING, compression, S, 0.0450 diam stk, 0.365 OD, 4½ coils (sear).	1	ea
16		A037	5340–500–9353	5009353	SPRING, compression, S, 0.059 diam stk, 0.295 OD, 37 coils (firing pin).	1	ea
3		A037–7313068	5340–731–3068	7313068	SPRING, compression, S, 0.080 diam stk, 0.300 OD, 8½ coils (cover detent pawl).	1	ea
19		A037	5340–600–9832	6009832	SPRING, compression, S, 0.125 diam stk, 1.448 OD, 12 coils (barrel buffer).	1	ea
10		A067–7161711	1005–716–1711	7161711	SPRING, cover extractor	1	ea
10		A037	5340–600–8931	6008931	SPRING, cover latch	1	ea

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					PARTS OF GUN, MACHINE, CAL..50, AN-M3, AIRCRAFT, BASIC—Continued		
17		A067–7312669	731–2669	7312669	SPRING, driving, assy Composed of one 7312670 SPRING and one 7312691 SPRING.	1	ea
5		A067–7312637	5340–731–2637	7312637	SPRING, extractor (side plate) switch	1	ea
17			731–2670	7312670	SPRING, inner, driving (compression, S, 0.039 diam stk, 0.290 OD, 191 coils).	1	ea
11			731–3172	7313172	SPRING, locating plunger (compression, S, 0.020 diam stk, 0.135 OD, 7 coils).	1	ea
13		A037	5340–600–8908	6008908	SPRING, locking, barrel	1	ea
12			731–3864	7313864	SPRING, locking, link chute adapter positioner	1	ea
17			731–2691	7312691	SPRING, outer, driving (compression, S, 0.0530 diam stk, 0.403 OD, 142 coils).	1	ea
13		A037–0101755	500–9357	5009357	SPRING, pin retaining	2	ea
12			731–3311	7313311	SPRING, positioner (compression, S, 0.030 diam stk, 0.203 OD, 7 coils).	1	ea
9		A037–7312029	1005–731–2029	7312029	SPRING, trigger bar stop adjusting nut	1	ea
20		A067–7313161	731–3161	7313161	SPRING, washer, back plate buffer (early mfr)	10	ea
20		A067–7313449	731–3449	7313449	SPRING, washer, back plate buffer, group assy (early mfr). Composed of ten 7313161 SPRING.	1	ea
19		A067–7312687	731–2687	7312687	SPRING, washer, barrel buffer	10	ea
19		A067–7313451	731–3451	7313451	SPRING, washer, barrel buffer, group assy Composed of ten 7312687 SPRING.	1	ea
4		A037–7265212	1005–726–5212	7265212	STOP, adjustble trigger bar, assy (Used to convert receivers of gun M2 to receiver for gun M3). Composed of one 7312030 BODY, one 7312027 NUT, one 7312028 SCREW, and one 7312029 SPRING.	1	ea
4,	9	A037–7265623	726–5623	7265623	STOP, adjustable trigger, bar assy Composed of one 7312030 BODY, one 7312027 NUT, one 7265622 SCREW, and one 7312029 SPRING.	1	ea
20		A067–7313162	5315–731–3162	7313162	STOP, back plate latch lock spring	1	ea
5		A067–5009392	500–9392	5009392	STOP, bolt	1	ea
14		A067–7265183	1005–726–5183	7265183	STOP, firing pin spring, assy Composed of one 7265181 LOCK and one 7265182 PIN.	1	ea
5		A037–7310006	731–0006	7310006	STOP, trigger bar, front	1	ea
10			731–3107	7313107	STUD, belt feed pawl spring	1	ea
2		A067–7162636	5315–716–2636	7162636	STUD, bolt	1	ea
		1005–501–3529	1005–501–3529	5013529	STUD, bolt switch (Used on guns of early mfr)	1	ea
		A037–1010955	500–9365	5009365	STUD, cover extractor spring	1	ea
		A037–0101958	500–9366	5009366	STUD, cover latch spring	1	ea
			716–1714	7161714	STUD, pivot, belt feed lever	1	ea
14		A067–7265455	1005–726–5455	7265455	SWITCH, bolt, alternate feed	2	ea
5		A067–7312646	1005–731–2646	7312646	SWITCH, extractor (side plate)	1	ea
			731–2690	7312690	TUBE, barrel buffer	1	ea
19		A067–7312764	731–2764	7312764	TUBE, barrel buffer, assy Composed of one 7312684 BUMPER, one 7312685 RIVET, and one 7312690 TUBE.	1	ea
19		A067–7312689	1005–731–2689	7312689	VALVE, barrel buffer piston	1	ea
			716–1700	7161700	WASHER, belt feed lever pivot stud	1	ea

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					PARTS OF GUN, MACHINE, CAL..50, AN-M3, AIRCRAFT, BASIC—Continued		
12	H–1	H101–0446162	5310–044–6162	446162	WASHER, FLAT: S, phos-ctd, 7/32 ID, 7/16 OD, 0.049 thk.	2	ea
10	----------	A037	5310–501–3545	5013545	WASHER, plain, S, 0.25 ID, 0.375 OD, 0.07 thk (cover latch shaft).	1	ea
					PARTS OF MACHINE, LINK-DELINKING, HAND, CAL..50, M7		
21	----------	A038–7107072	710–7072	7107072	BASE, link loading machine	1	ea
		A038–5594559	559–4559	5594559	BASE, link loading machine, assy	1	ea
					Composed of one 7107072 BASE, nine 505512 PIN, two 5022919 PIN, two 5022923 SPRING, and two 5022924 STOP.		
21	----------	A037–6224495	622–4495	6224495	DELINKER, cartridge (welded).[1]		
21	----------	A037–7034564	1005–703–4564	7034564	HANDLE, loading (welded)[1]	1	ea
21	----------	A019–0101221	502–2918	5022918	LINK, slide and handle	2	ea
21	H–1	H001–4417425	5315–013–7164	137164	PIN, COTTER: S, phos-ctd, 3/32 x 3/4	8	ea
21	----------	A037	5315–523–8567	5238567	PIN, hdls, S, 0.436 diam, 1 7/16 clear (link and slide)	2	ea
21	H–1	H001–4541661	013–8085	138085	PIN, STRAIGHT, HEADED: dld-f/c-pin, cham, S, hardened, cd- or zn-pltd, 7/16 in. diam shank, 1 1/16 in. lgh under head to center line of hole.	2	ea
21	H–1	H001–0829858	----------	505512	PIN, STRAIGHT, HEADLESS: cham, dl-rd, 3/16 x 15/16.	9	ea
21	----------	A037	5315–502–2919	5022919	PIN, stght, S, sq-ends, 0.0815 x 13/32 (loading slide stop).	2	ea
21	H–1	H001–5417681	5305–012–1900	121900	SCREW, CAP, HEXAGON HEAD: low-carb-S, cd- or zn-pltd, 1/4–20UNC–2A x 1.	3	ea
21	----------	A037	5305–502–2921	5022921	SCREW, loading handle	2	ea
21	----------	A039–7107127	710–7127	7107127	SLIDE, loading	1	ea
21	----------	A037	5340–502–2923	5022923	SPRING, compression, S, 0.026 diam stk, 0.30 OD, 5 1/2 coils, LH or RH wound (loading slide stop).	2	ea
21	----------	A019–0102521	613–1304	6131304	STOP, cartridge link	1	ea
21	----------	A037	1005–502–2924	5022924	STOP, loading slide	2	ea
					PARTS OF ROD, CLEANING, JOINTED, CAL..50, M7		
		A037–6147409	1005–614–7409	6147409	SECTION, cleaning patch, cal..50	1	ea

NOTES

Explanation of Symbols

H–1 SNL Symbols such as H–1, H–2, etc., refer to the SNL in which the item is reviewed.
‡ As required.

Footnotes

[1] This item consists of two or more components. These components are not listed because their disassembly is considered impractical.
[2] All components of this item are not listed because complete disassembly is considered impractical.
[3] If alternate design cover pin 5009271 is used, quantity incorporated in the unit will be 2.

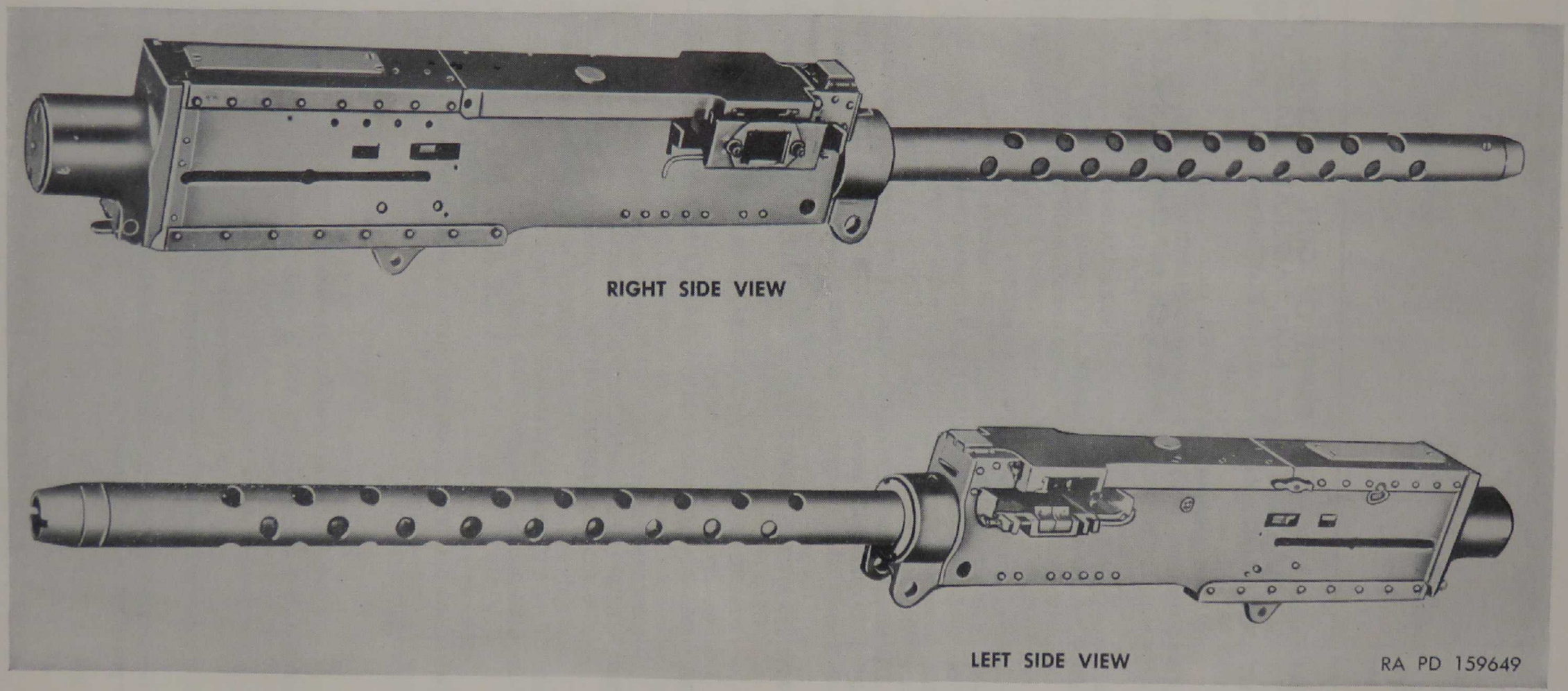


Figure 1. Gun, machine, cal..50, AN–M3, aircraft, basic—left- and right-side views.

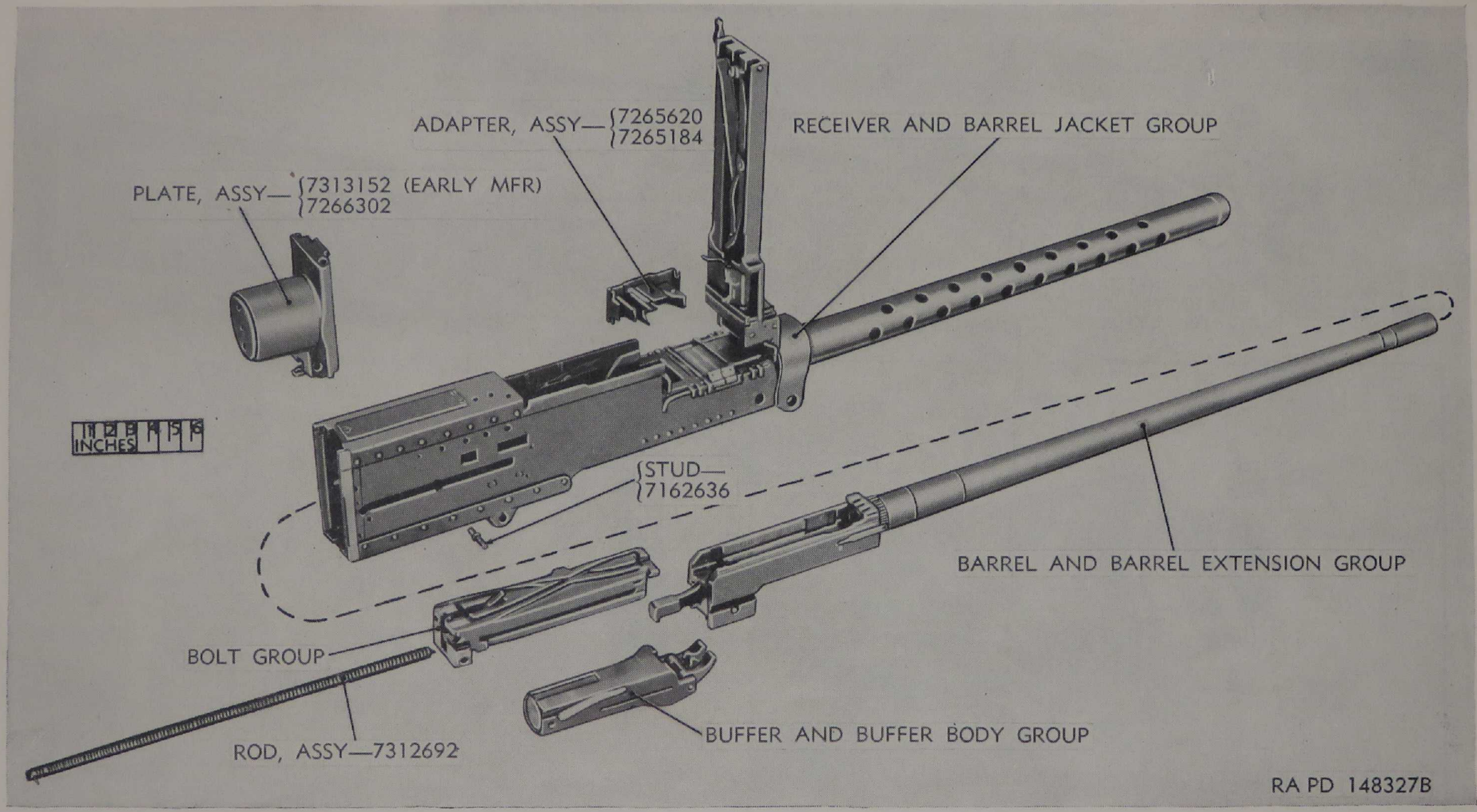


Figure 2. Gun, machine, cal..50, AN–M3, aircraft, basic—major groups—exploded view.

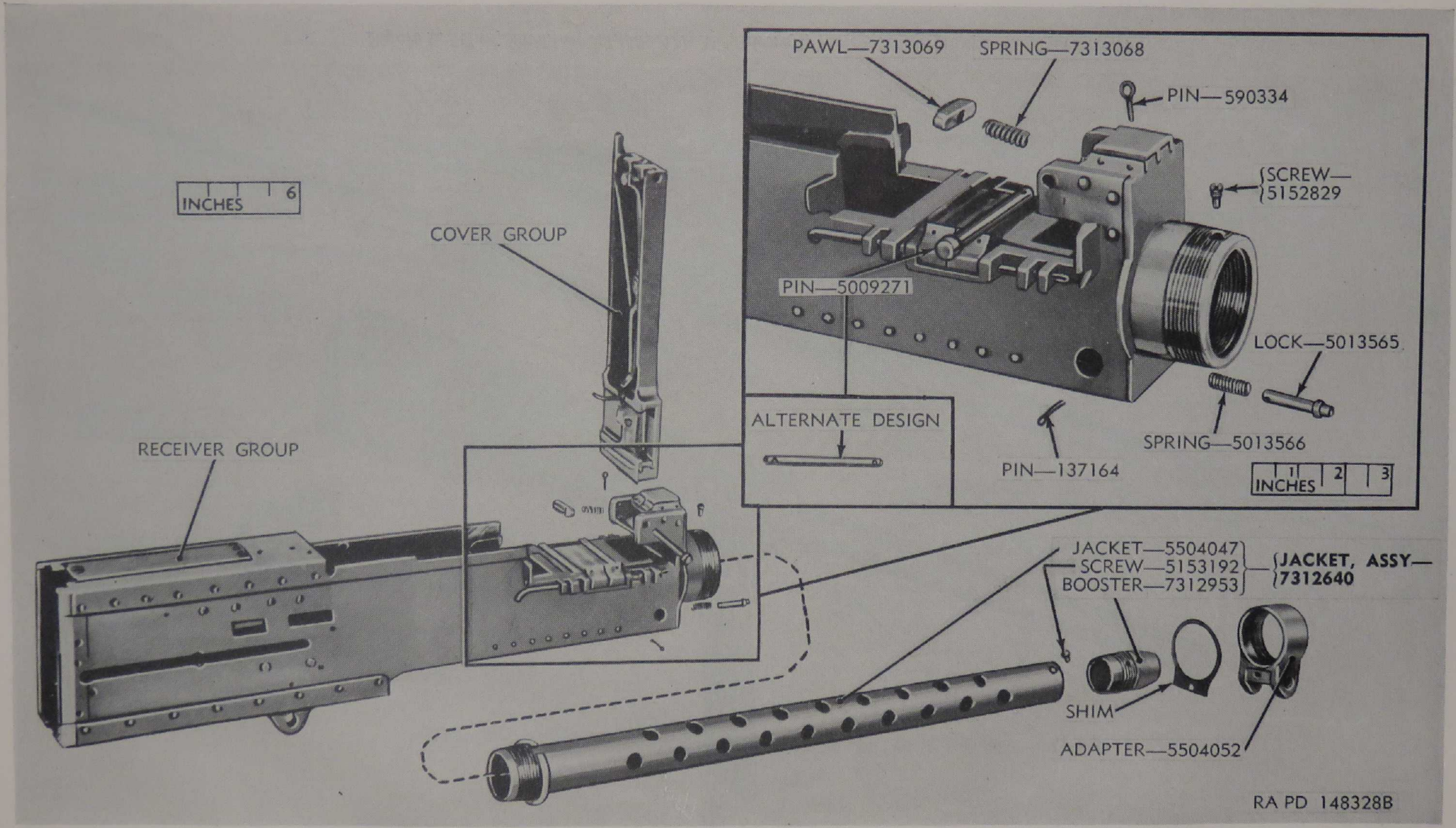


Figure 3. Receiver and barrel jacket group—exploded view.

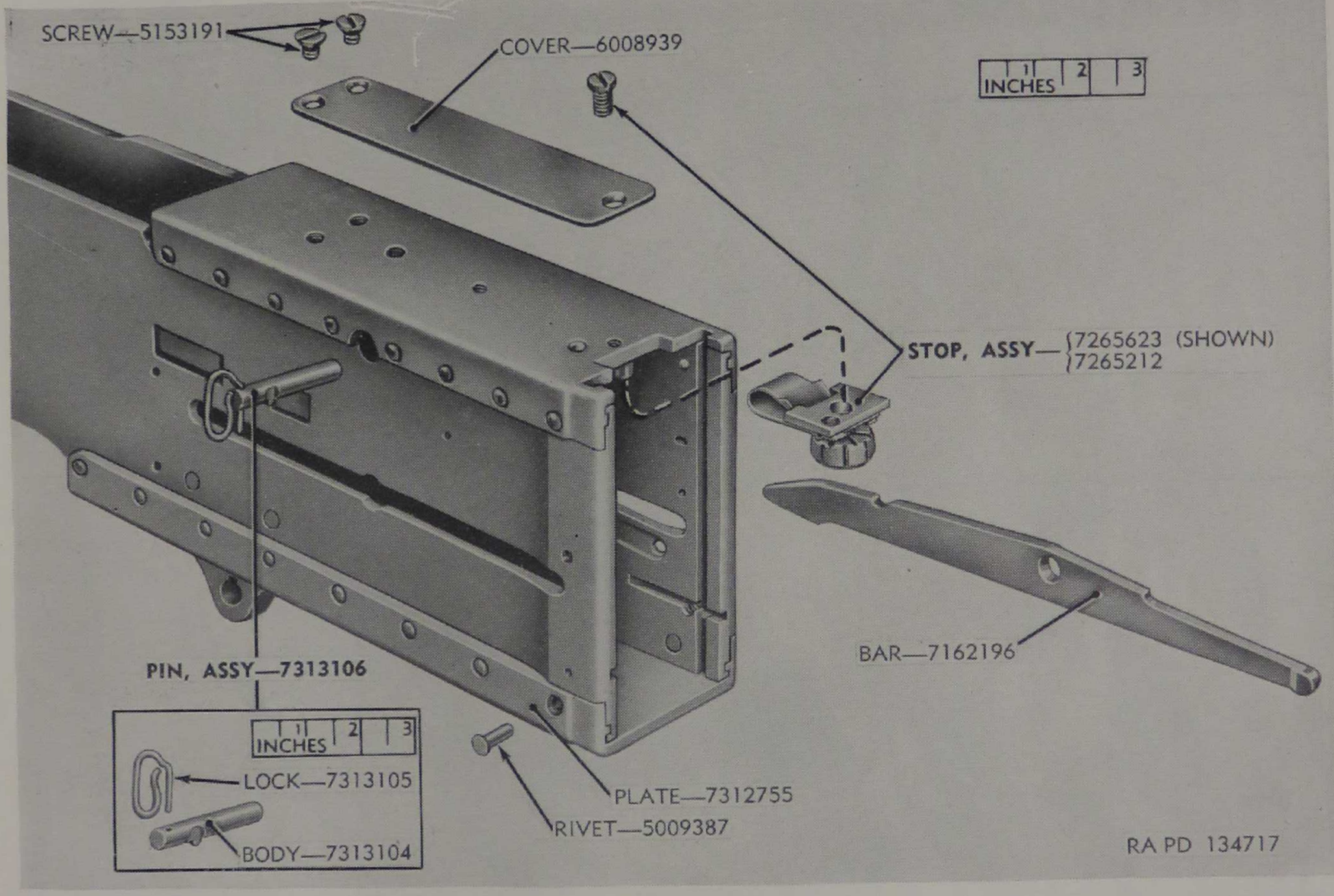


Figure 4. Rear end of receiver group—exploded view.

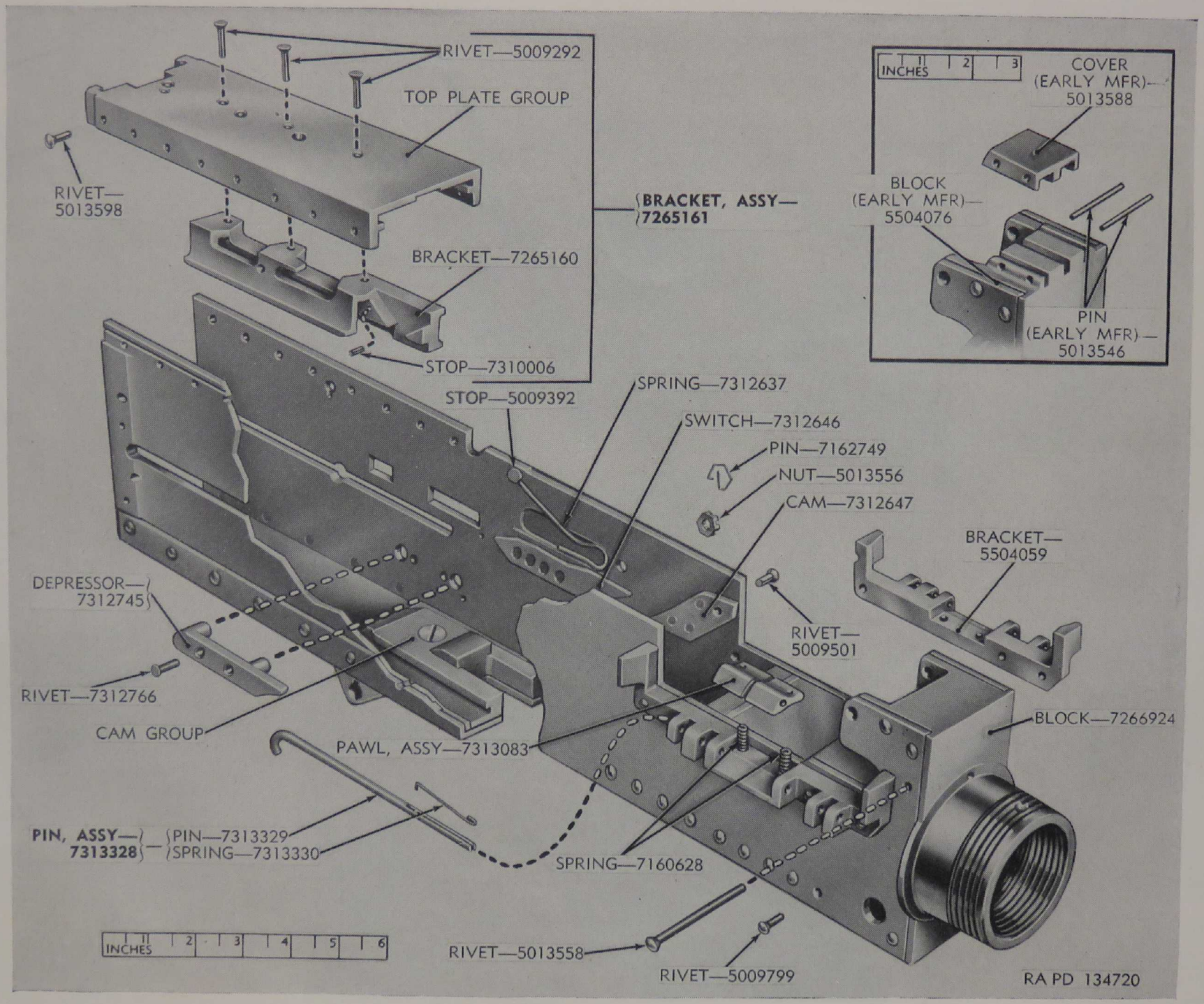


Figure 5. Receiver group—exploded view.

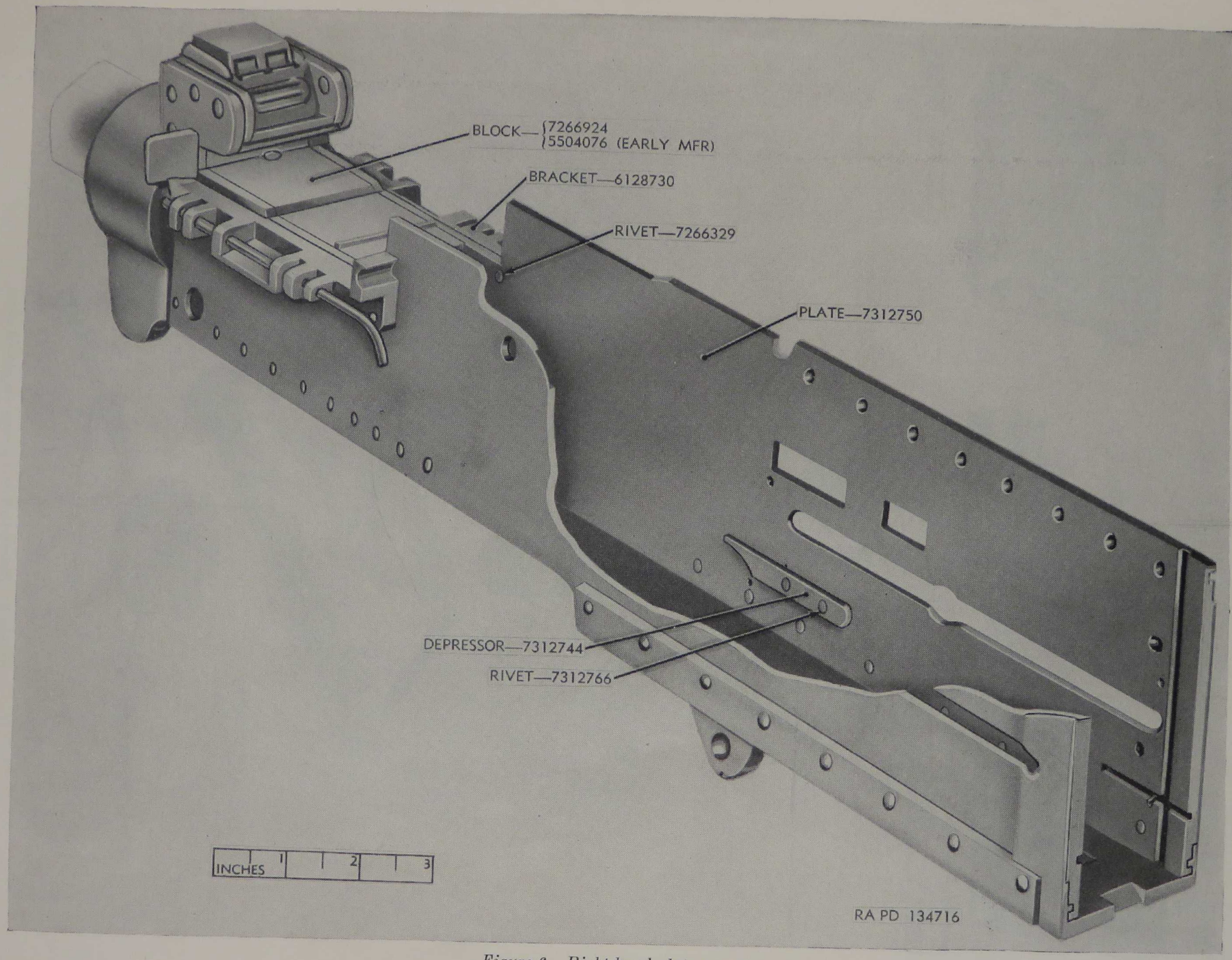


Figure 6. Right-hand plate group.

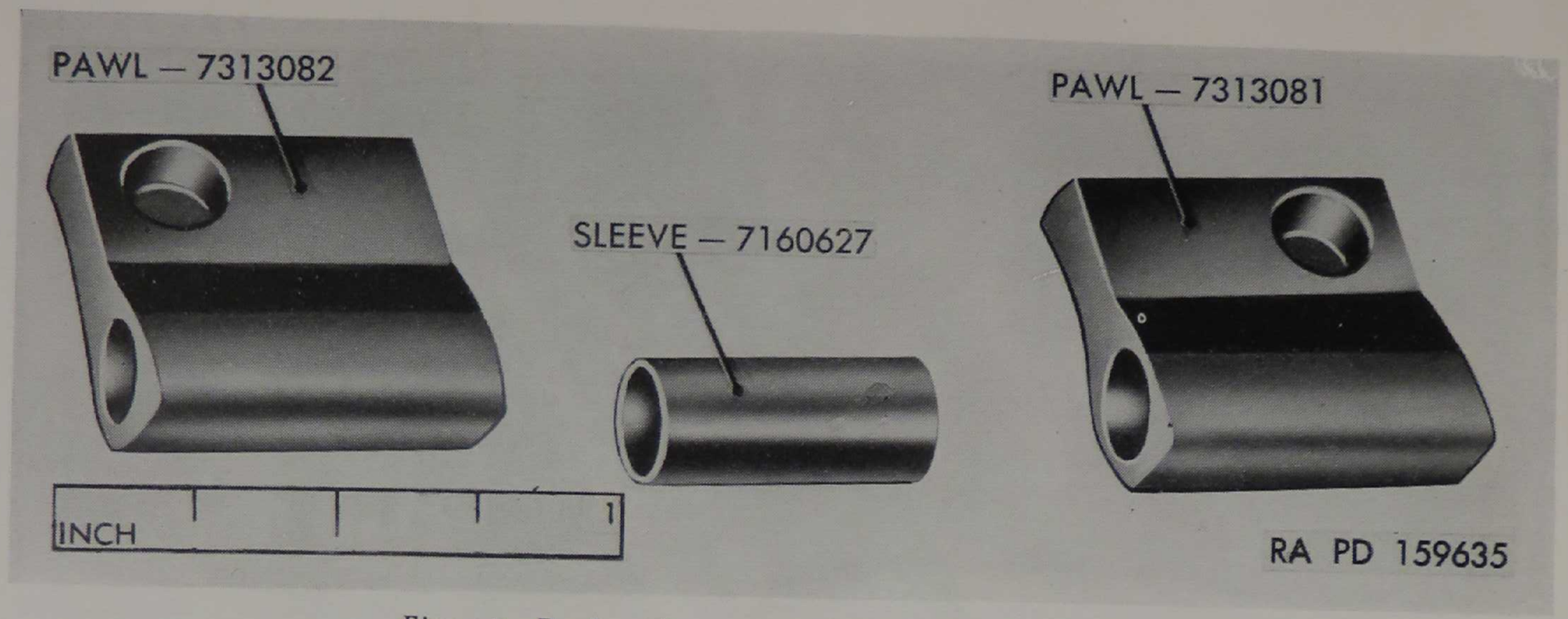


Figure 7. Pawl, w/sleeve, group assy (7313083)—exploded view.

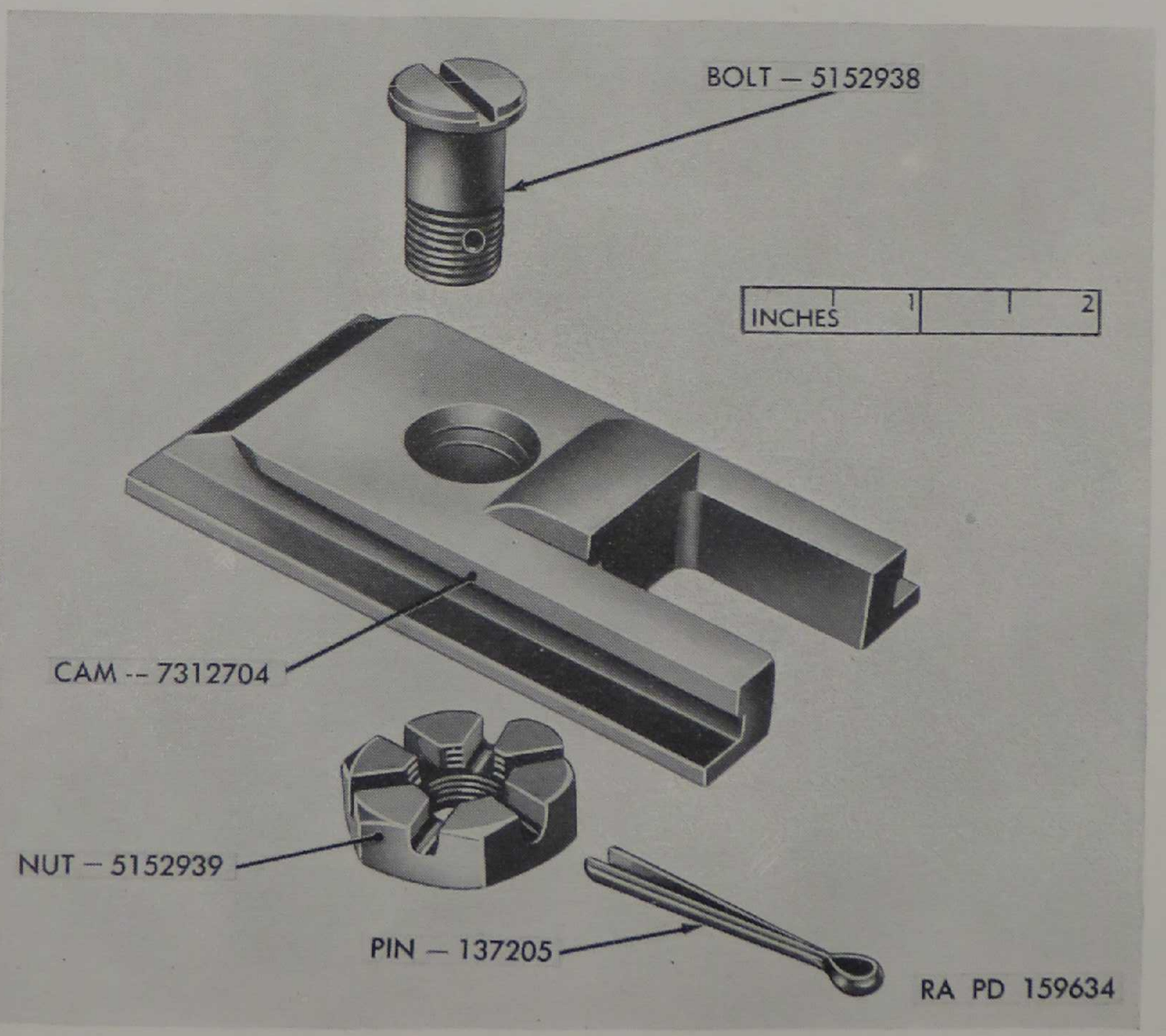


Figure 8. Breech lock cam group—exploded view.

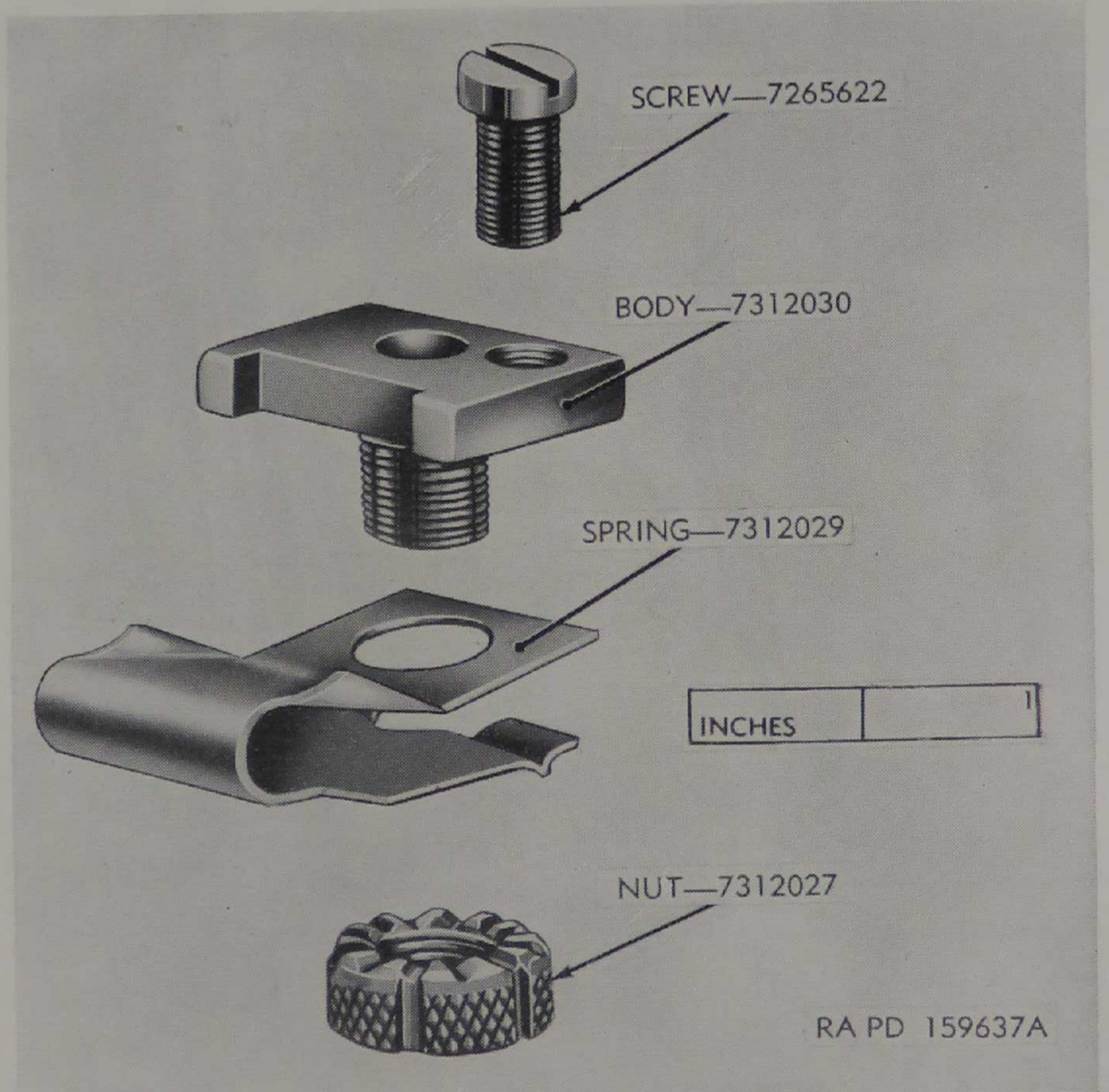


Figure 9. Stop, assy (7265623)—exploded view.

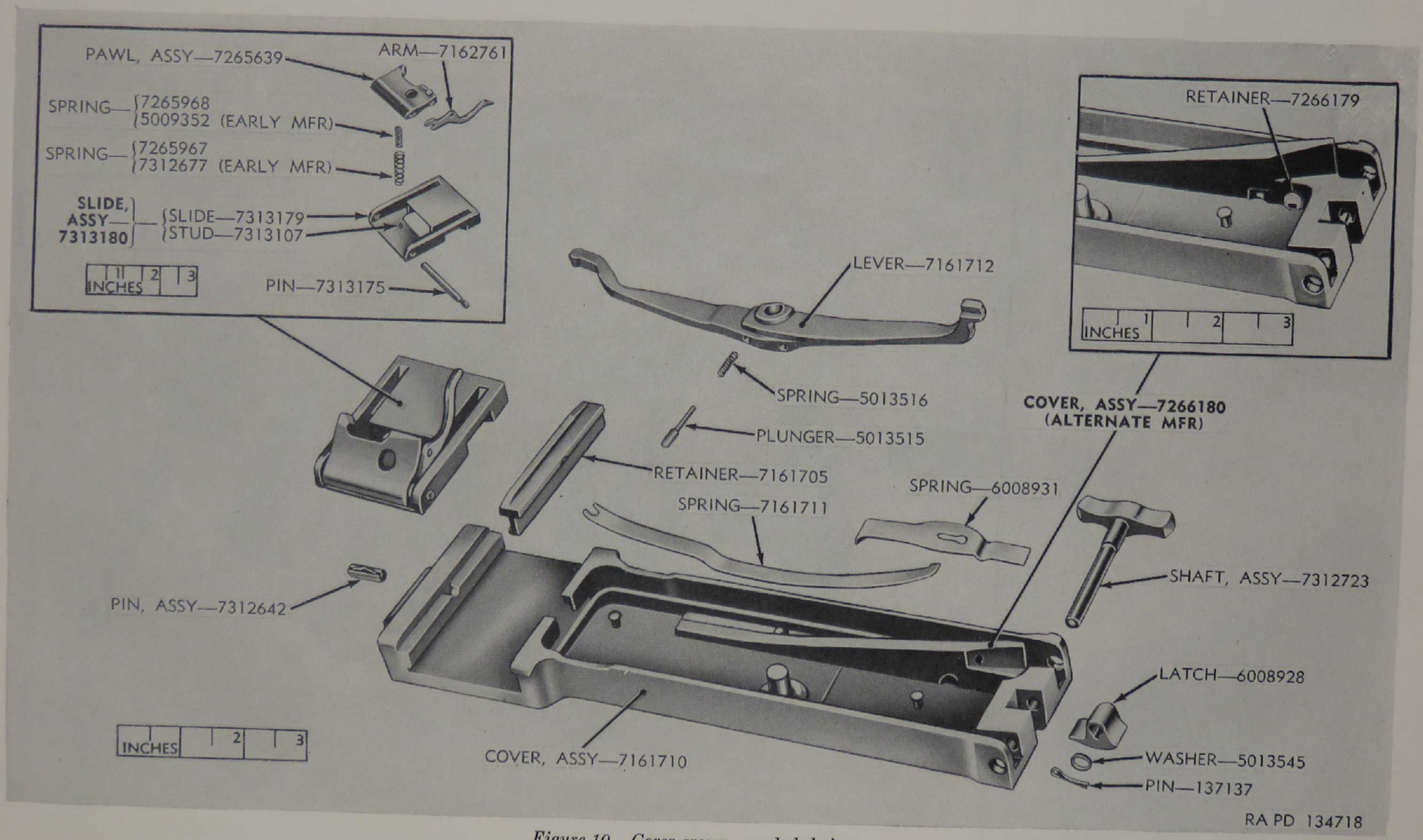


Figure 10. Cover group—exploded view.

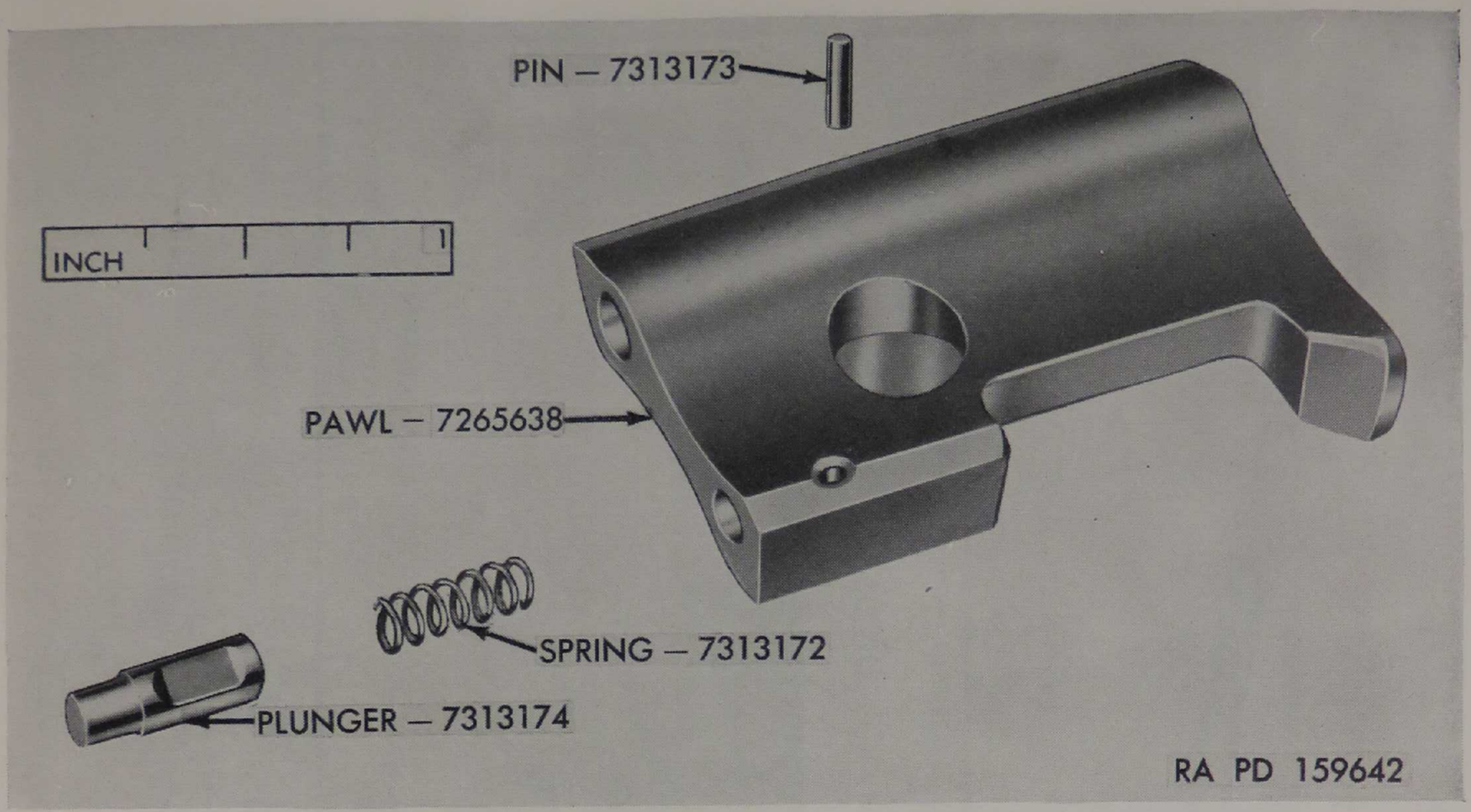


Figure 11. Pawl, assy (7265639)—exploded view.

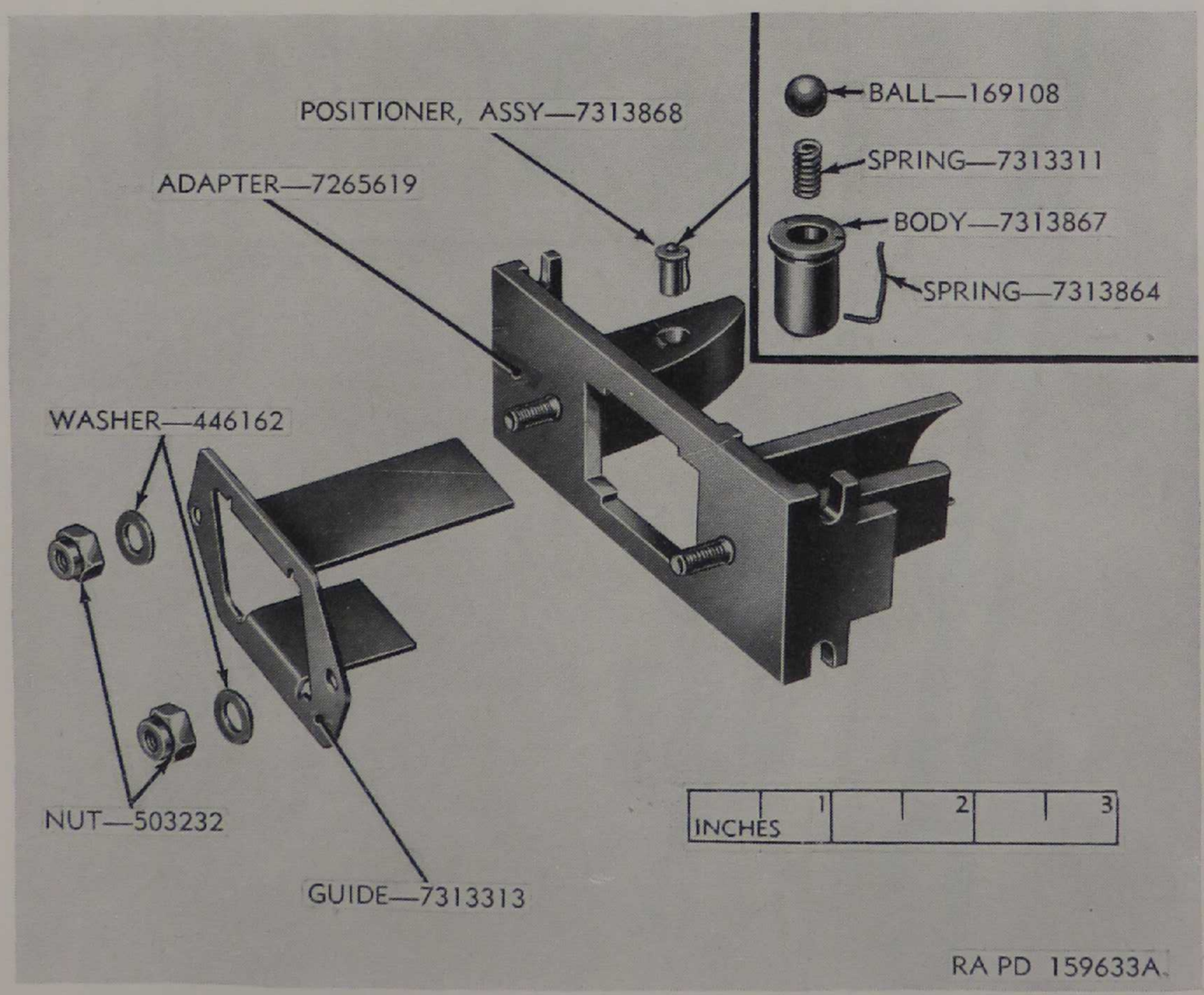


Figure 12. Adapter, assy (7265620)—exploded view.

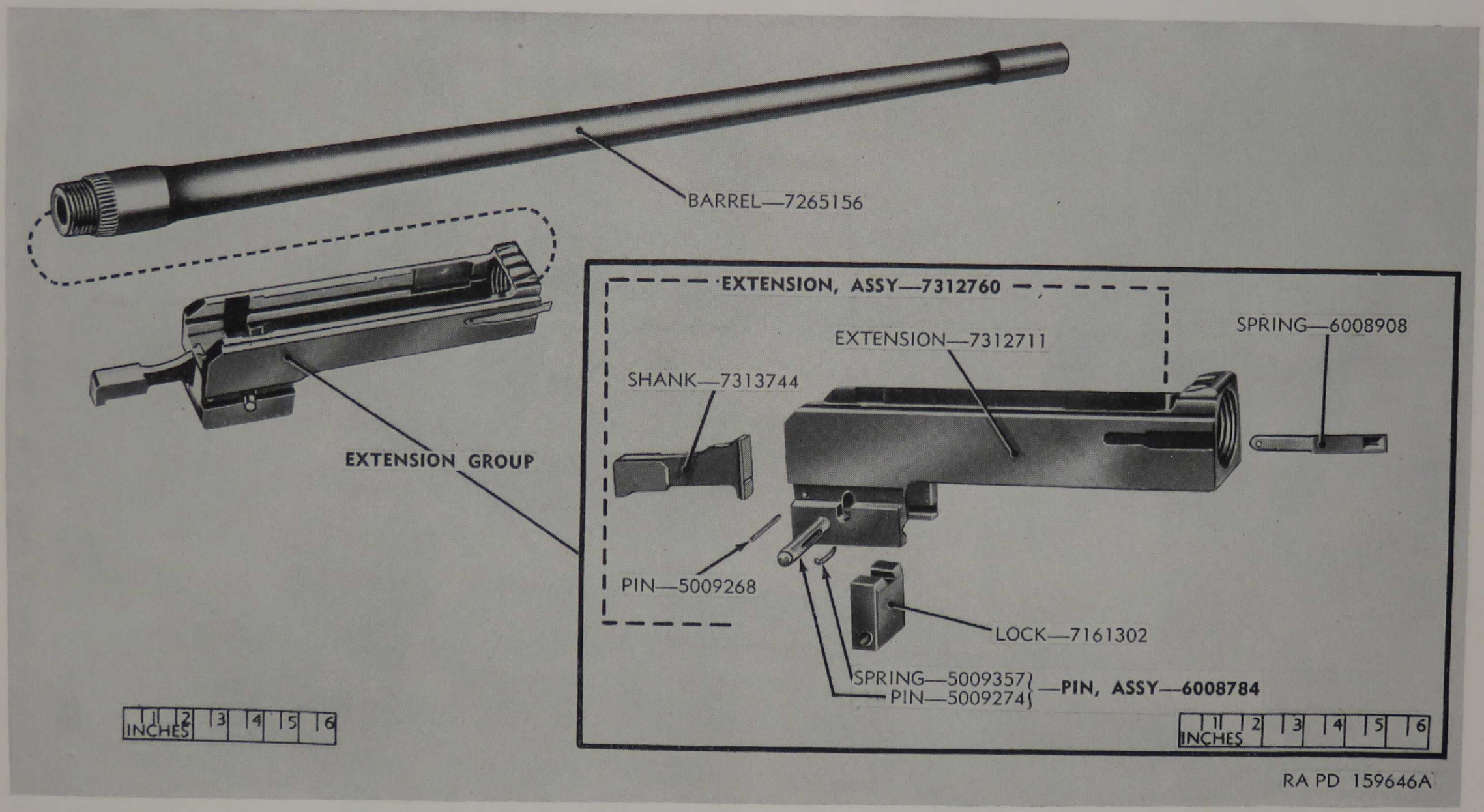


Figure 13. Barrel and barrel extension group—exploded view.

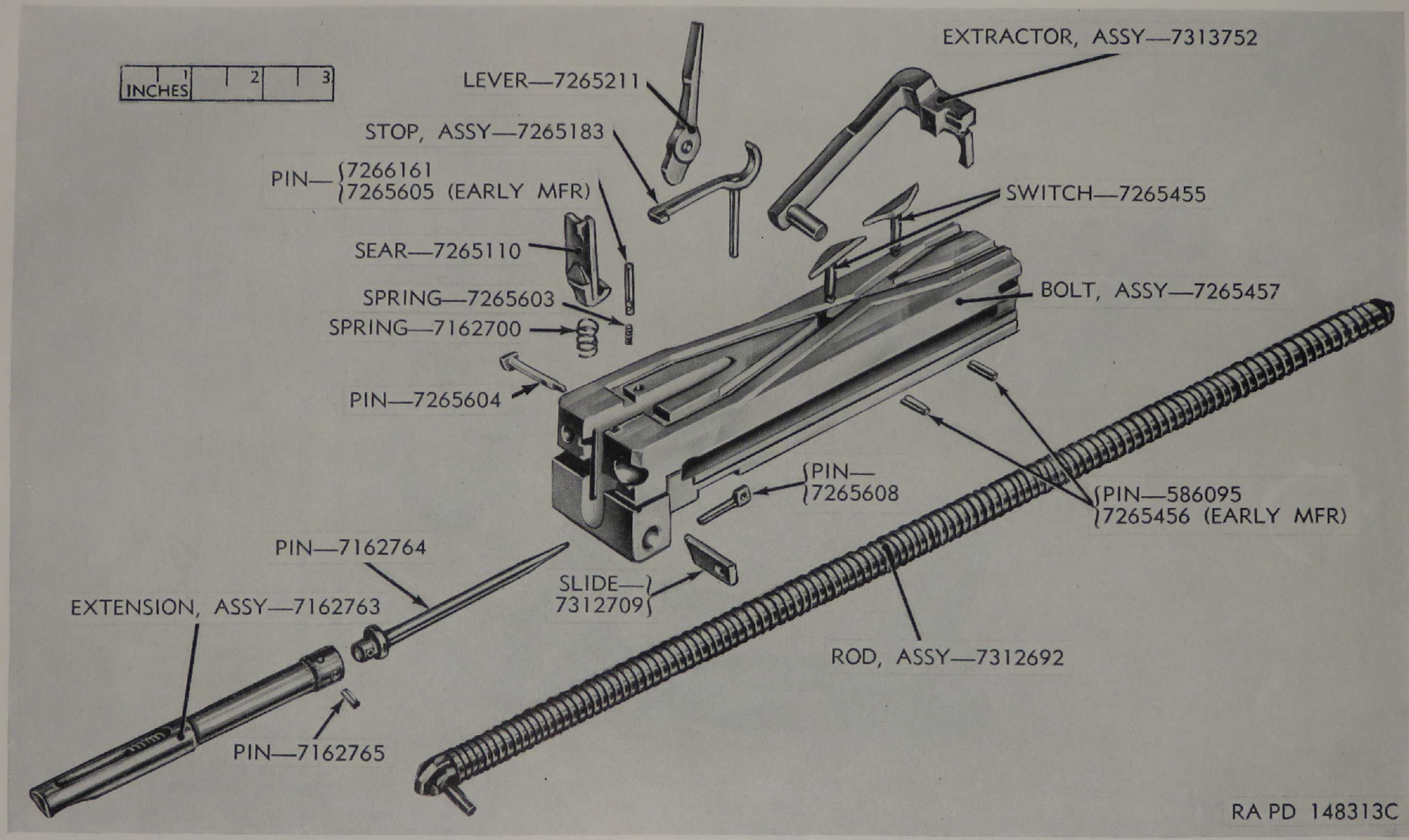


Figure 14. Bolt group—exploded view.

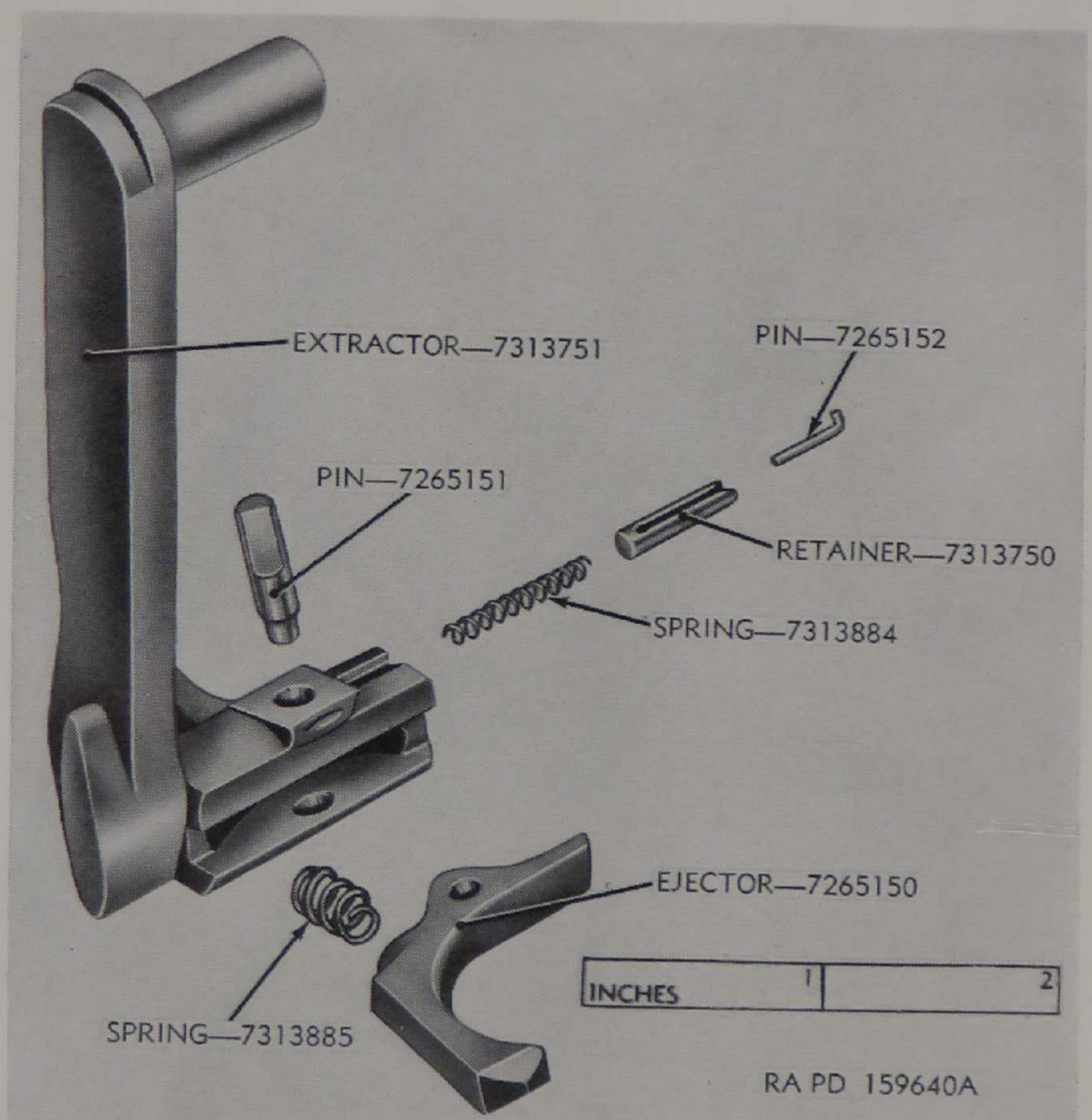


Figure 15. Extractor, assy (7313752)—exploded view.

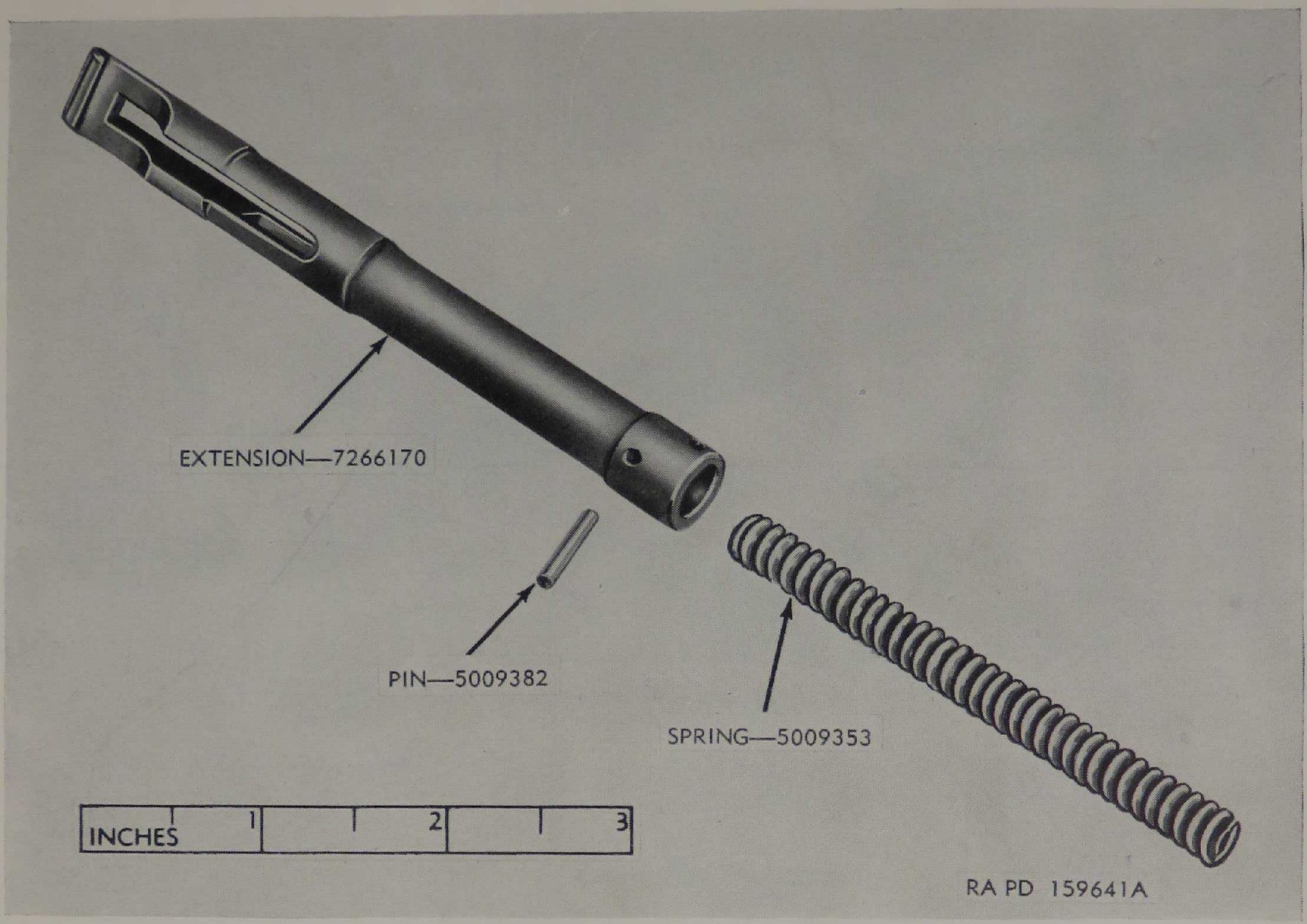


Figure 16. Extension, assy (7132763)—exploded view.

Figure 17. Rod, w/spring, assy (7312692)—exploded view.

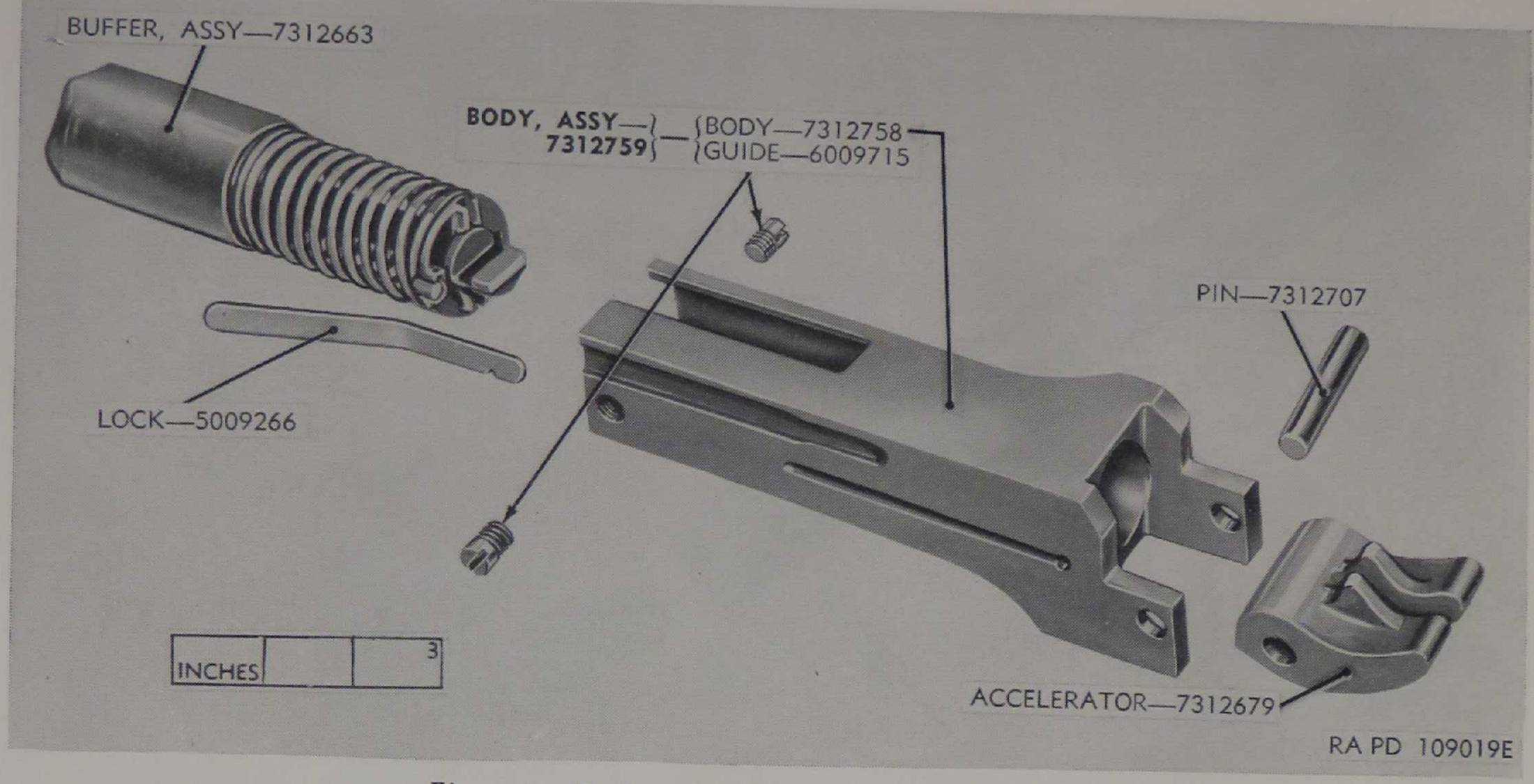


Figure 18. Buffer and buffer body group—exploded view.

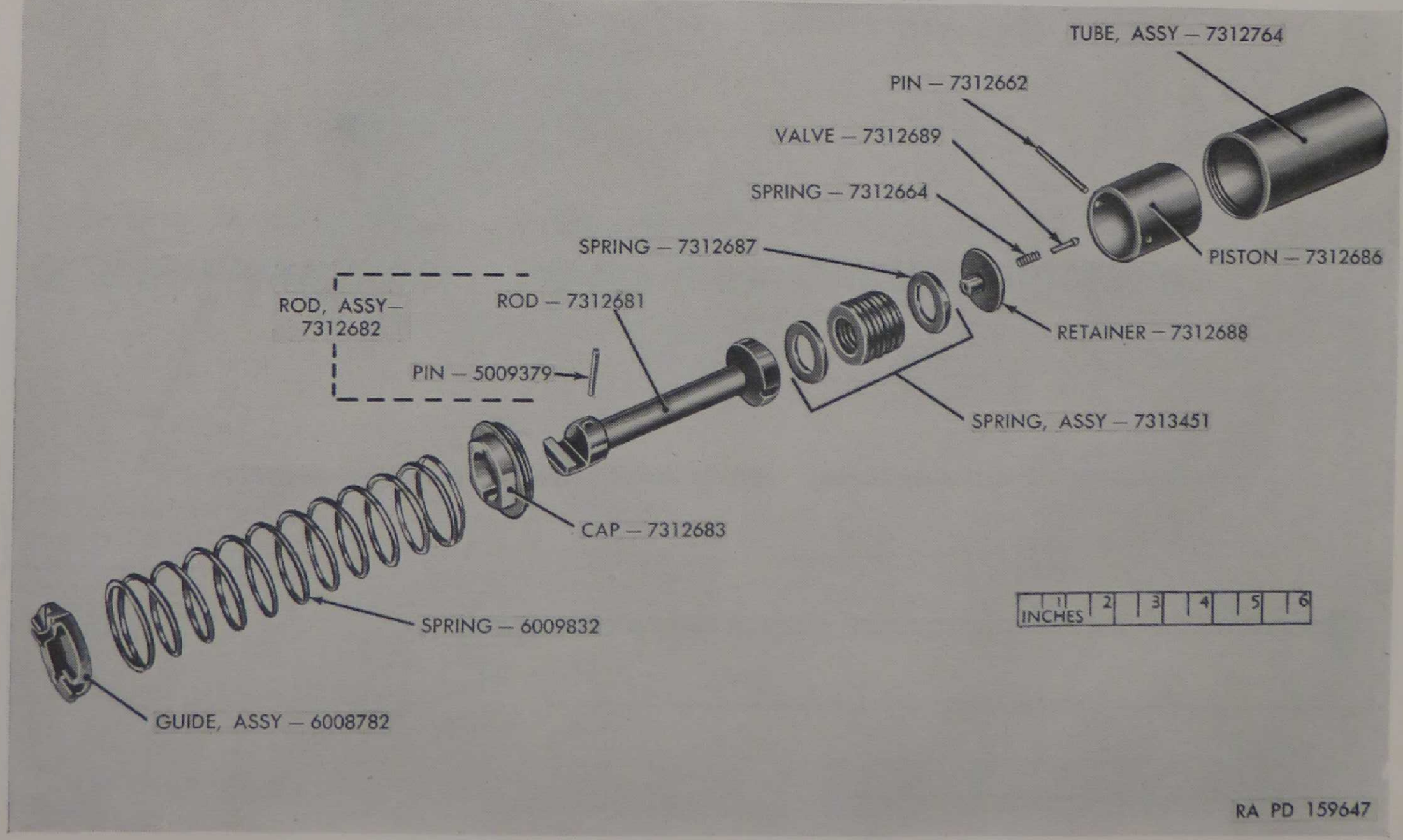


Figure 19. Buffer, assy (7312663)—exploded view.

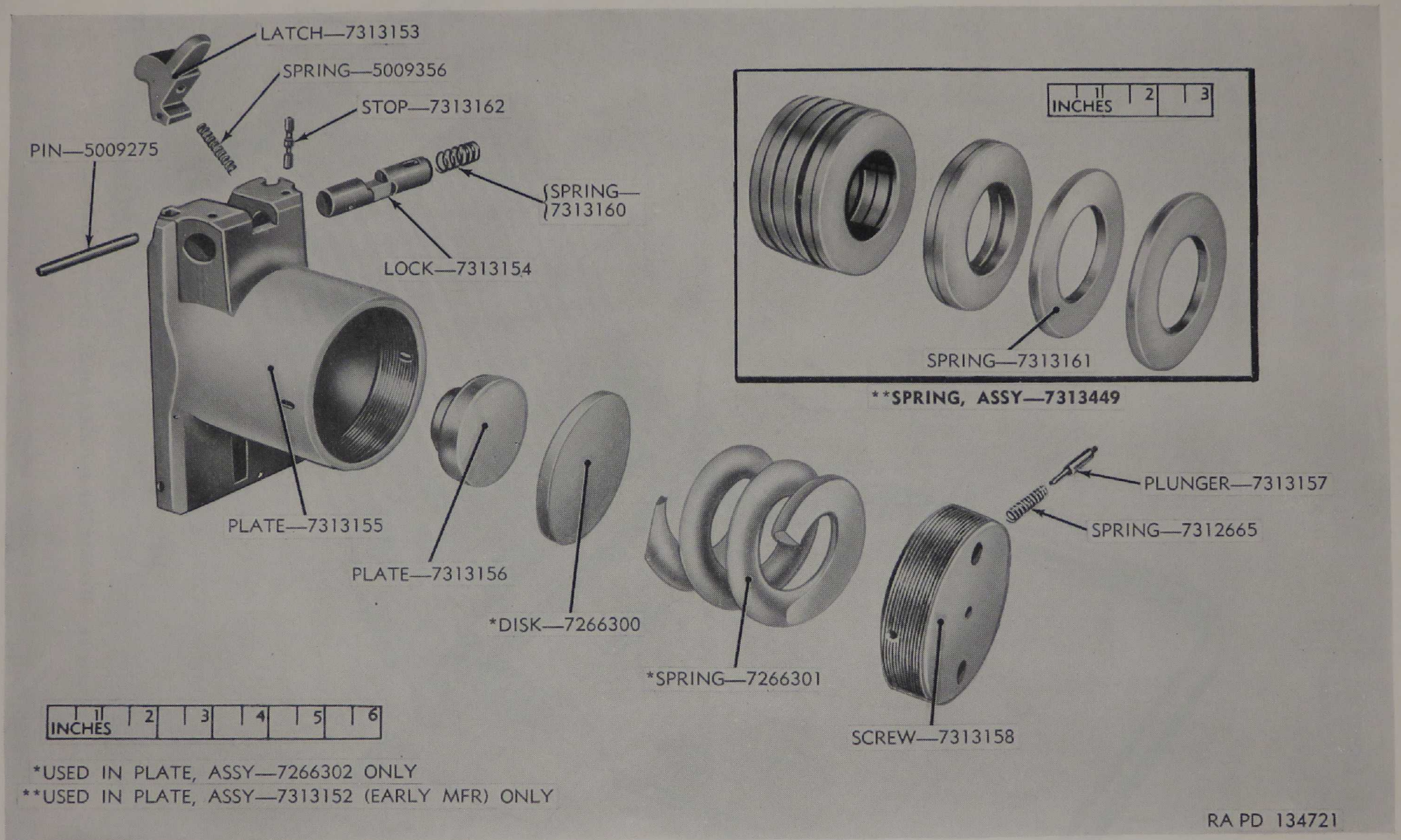


Figure 20. Plate, assy (7266302) or plate, assy (7313152) (early mfr)—exploded view.

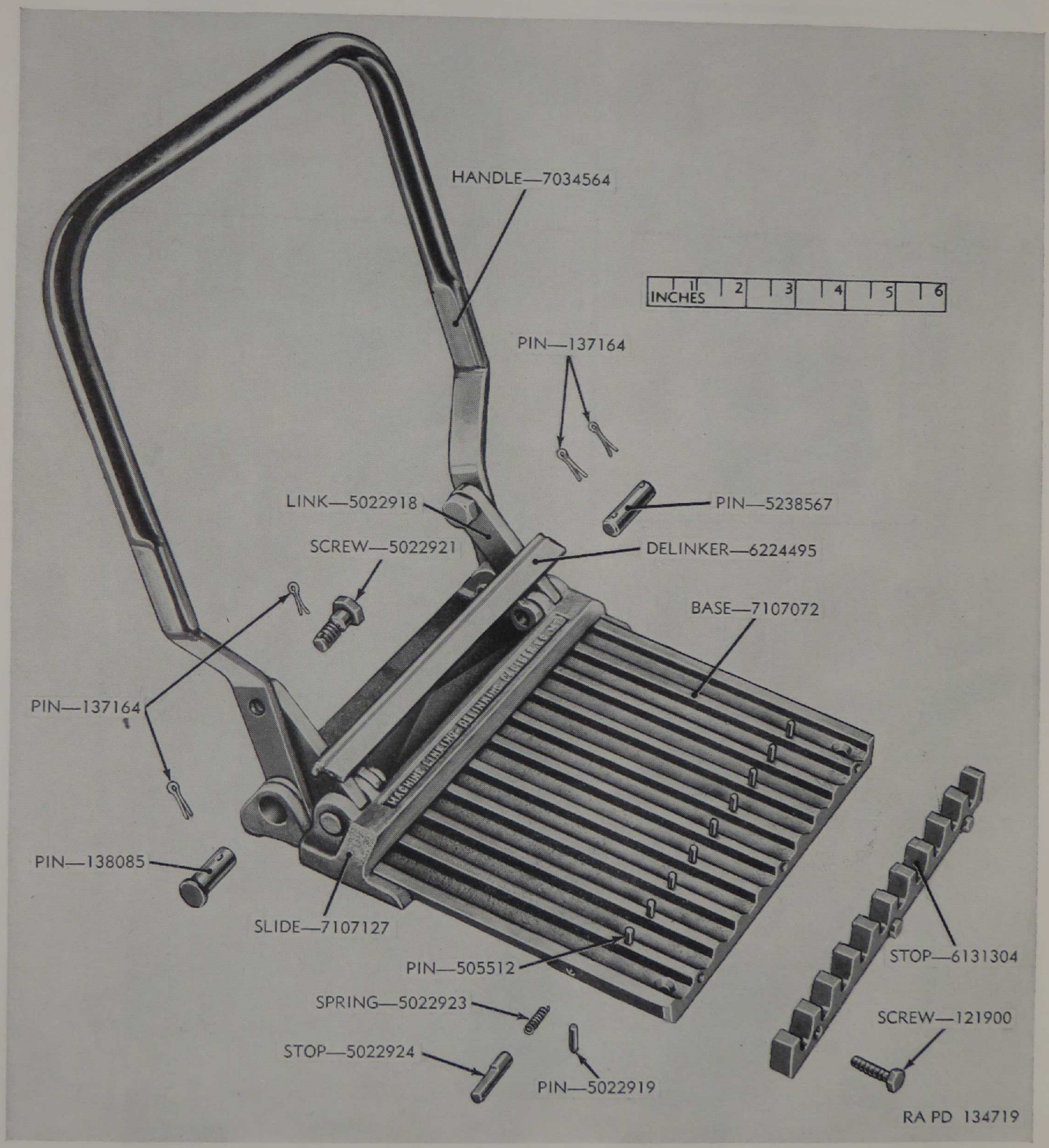


Figure 21. Machine, link-delinking, cal..50, M7—exploded view.

By order of the Secretaries of the Army and the Air Force:

MAXWELL D. TAYLOR,
General, United States Army,
Chief of Staff.

Official:
JOHN A. KLEIN,
Major General, United States Army,
The Adjutant General.

N. F. TWINING,
Chief of Staff, United States Air Force.

Official:
E. E. TORO,
Colonel, United States Air Force,
Air Adjutant General.

Distribution:
Active Army:
CNGB (1)
Tec Svc, DA (1)
Ord Bd (2)
CONARC (3)
Army AA Comd (2)
OS Maj Comd (5)
OS Base Comd (2)
Log Comd (3)
MDW (1)
Armies (3)
Corps (2)
Div (2)
Ord Gp (2)
Ord Bn (2)
Ord Co (2)
Ft & Cp (2)
Gen & Br Svc Sch (2)
Ord Sch (50)
PMST Ord ROTC units (1)
Gen Depots (2)
Ord Sec, Gen Depots (5)
Ord Depots (10)
POE (2)
OS Sup Agencies (1)
ORD PG (10)
Ord Arsenals (5)
Mil Dist (1)
Arizona Mil Dist (2)
Ord Proc Dist (10)
MAAG (1)
Mil Msn (1)
Units organized under following TOE:
9–12R, Hq&Hq Co, Maint & Sup Co Ammo (1)
9–17A, Ammo Co, Army (1)
9–45R, Sp Wpn Spt or Depot Bn (1)
9–46R, Hq&Hq Det, Sp Wpns Spt or Depot Bn (1)
9–47R, Sp Wpns Spt or Depot Co (1)
9–49R, Sp Wpns Dir Spt Co (1)
9–57R, Fld Sup Co (1)
9–229R, ORD GM Dir Spt Co (1)
9–347R, Ord Tire Rebuild Co (1)
9–367R, Sup Depot Co (1)
9–387R, Ammo Depot Co (1)

NG: State AG (6); Units—same as Active Army except allowance is one copy to each unit.
USAR: None.
For explanation of abbreviations used, see SR 320–50–1.