

DATES AND REASONS FOR REVISIONS		10-9-72 - Revised - NWM/RLJ/hv
3-22-73 - Item 4 revised to include M/552-572 & to clarify definition-NWM/hv - Revised & Retyped		
4-17-73 - Added Item #166-NWM/TL/hv -- 12-7-73 - Added Item #142 - NWM/TL/hv		
1/7/76 --Added Item #3 (BHS). NWM/GRB		9/30/80-Updated model listing for malf.#4- JJB/MAB/bdm
4/1/76 - Reviewed for feasibility - NWM/GRB /jc		

DESCRIPTIVE INFORMATION

MALFUNCTION INDEX - Explanation and Code Number to be used in reporting Functional Test Results

NOTES:

<u>Code No.</u>	<u>Abr.</u>	<u>Malfunction</u>	<u>Model Involved</u>	<u>Explanation</u>
1	AB	Action Binds	All	Action has a definite catching in either opening or closing on more than one (1) test round.
1	BB	Bolt Binds/Catches	40X, 540X, 541X 580, 1&2, 591&2 XP-100, 600, 700 780	Bolt has a definite catching or bind in either forward or rearward motions.
2	ASFB	Action Spring Follower Binds	48 & 1100	Follower binds in Action Tube preventing Action Spring from going forward to close Action.
3	BHS	Bolt Hits Safe	580, 581, 582 600, 700, 788	Bolt Strikes Safety Thumb Piece as operated to forward or rearward position.
4	BCOF	Bolt Catches on Follower	600, 700, 742, 760, 788, 552, 572, 7400, 7600	In forward motion of Bolt, Bolt Head contacts & binds on end of Magazine Follower.
5	BAC	Burr at Chamber	All	S. E.

PART NAME	Malfuction Index	COOLANT	SET UP TIME	MODEL No.	OPER. No.
TYPE	Explanation & Code Nos.-Functional Test Results	MACH. HRS.	DEPT. No.	PAGE 1	OF 22
MACHINE					

DATES AND REASONS FOR REVISIONS 3-22-73 - Revised & Retyped - NWM/hv

4/1/76 - Reviewed for feasibility - NWM/GRB /je

9/30/80-Updated model listing for malf #12-JJB/MAB/bdm

DESCRIPTIVE INFORMATION

Code No.	Abr.	Malfunction	Model Involved	Explanation
6	BBB	Barrel Binds Back	48	After firing, Barrel fails to return to forward position properly.
7	BC	Blows Cases	All	Shells burst, split or blow out at any part of brass.
8	BCOBS	Bolt Catches on Bolt Stop	(See #1-BB)	When starting to move Bolt to rear position, corner of Bolt Stop catches on Bolt Stop.
9	BCOE	Bolt Catches on Ejector	48, 870, 1100, 591, 592	In normal operation Bolt catches on Ejector due to lack of proper clearance.
10	BCRS	Bolt Catches Rim of Shell	788	On calibers which have rim heads (30-30, 44): The Bolt while being moved rearward, catches on the rim of shell in Magazine.
11	BDC	Bolt doesn't cam	742	Bolt Latch does not release causing Action to jam.
12	BLOP	Bar Lock or Disconnecter out of position	48, 870, 1100, 742, 760, 552, 572, 7400, 7600	Disconnecter or Action Bar Lock drops off Action Bar causing possible 1-AB, 37-DFB, etc.
13	BPO	Bolt pulls out	All Bolt Action (See #1-BB)	Bolt Assembly fails to hold at stopping point and is pulled clear of Rifle during normal opening of Action.

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DATES AND REASONS FOR REVISIONS 3-22-73 - Revised & Retyped - NWM/hv
 4/1/76 - Reviewed for feasibility - NWM/GRB/jc
 9/30/80 - Updated model listing for mal F. #19-JJB/MAB/bdm

DESCRIPTIVE INFORMATION

Code No.	Abr.	Malfunction	Model Involved	Explanation
14	BSSM	Bolt stems Shell in Magazine	All Box Mag. Rifles	While feeding cartridge into chamber, Bolt digs into top cartridge in Magazine Box, stopping Action.
15	BSB	Bolt Stop: Binds	(See #1-BB)	S.E.
16	BHR	Bolt hits Receiver	(See #1-BB)	Front of Bolt strikes Ejection Port in forward motion.
17	BWCFM	Bolt won't close over full Magazine	600, 700, 788	S.E.
18	BSCO	Barrel Support came out	870 & 1100	S.E.
19	BLSO	Barrel Lug shot off	742, 7400	S.E.
20	BRB	Breech Ring broken	All C.F. Rifles	Breech Ring shows break or hairline crack.
21	CBS-F	Shells catch on Barrel Support-Feeding	870 & 1100	After feeding from Magazine, front end of shell catches on Barrel Support preventing proper feed-up.
22	CBS-L	Shells catch on Barrel Support-Loading	870 & 1100	When loading shells into the Magazine, front end of shell catches on Barrel Support.

PART NAME Malfunction Index COOLANT SET UP TIME MODEL No OPER. No
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DATES AND REASONS FOR REVISIONS 3-22-73 - Revised & Retyped - NWM/hv
 4/1/76 - Reviewed for feasibility - NWM/GRB/jc

DESCRIPTIVE INFORMATION

Code No.	Abr.	Malfunction	Model Involved	Explanation
23	CC	Carrier catches (on shells in Magazine, on Latches, on Receiver)	48, 870, 1100	During operation, Carrier will catch at one of the points mentioned and prevent proper feed-up of shell.
24	CH	Closes hard	All	See #1-AB & #71-HUE. Should not be considered a malfunction on manually operated models unless more than normal closing speed is required on more than one shell.
25	CHAB	Carrier hits Action Bar	48, 870, 1100	During operation, Carrier will catch on Action Bar and prevent proper feed-up from Magazine to Chamber.
26	CLM	Can't load Magazine	All W/Magazine	In loading Magazine, shells will not go in or will not go in properly.
27	CO	Cut-off	All	Shotguns: Paper/Plastic of shell cuts off completely or partially at front of brass. Rifles: Brass case is completely severed or split at mid-periphery (100-MX)
28	CR	Cuts rim	All	Rim of brass completely cut through by Ejector or Extractor without causing #47-DX.

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DATES AND REASONS FOR REVISIONS 3-22-73 - Revised & Retyped - NWM/hv

3-22-74 - Item 31 - CTP added - NWM/TJL/hv

4/1/76 - Reviewed for feasibility - NWM/GRB/jc

10/13/78 - Added Item #33-JJB/GRB/bdm

DESCRIPTIVE INFORMATION

Code No.	Abr.	Malfunction	Model Involved	Explanation
29	CS	Cases swell	All	Shells deformed; concaves or convexes Head.
30	CWSB	Cams wrong side of Action Bar	48,870,1100	Shell/Feed Latch cams behind Action Bar and jams Action.
31	CTP	Creepy Trigger Pull	All	Movement is interrupted when Trigger is pulled to rearward position.
32				
33	DXL	Doesn't Extract Live Round	All	When action is opened, live round is not removed from chamber.
34	DBB	Doesn't Blow Back	All Autoloaders	Action fails to open far enough after firing to eject empty case, cock hammer or feed next round.
35	DE	Doesn't Eject	All	The fired shell is extracted from Chamber but fails to leave the Ejection Port although the Action opens fully.
36	DEL	Doesn't Eject Live Round	All	When the Action is fully opened a live shell fails to leave the Receiver Ejection Port.
37	DFB	Doesn't Feed Back	All Tubular Magazine Guns	Shells fail to feed back far enough to position properly on Carrier.

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DATES AND REASONS FOR REVISIONS 3-22-73 - Item #43 - added M/3200 -- Revised & Retyped Process - NWM/hv
 12-5-74 - Revised Item #43 - Took out M/3200 - Put under separate code - GRB/hv
 4/1/76 - Reviewed for feasibility - NWM/GRB /je
 9/30/80-Updated model listing for Malf. #40-42-JJB/MAB/lcdm

DESCRIPTIVE INFORMATION

Code No.	Abr.	Malfunction	Model Involved	Explanation
38	DFU	Doesn't Feed Up	66,552,572,582, 592,48,870,1100	Live round feeds back from Magazine (or forward - N-66) but fails to be raised into position for Bolt to carry it into the Chamber.
39	DLB	Doesn't Lock Back	48	After firing, the Barrel & Breech Bolt do not separate preventing ejection of fired case & feeding of next round.
40	DLO	Doesn't lock open (Last Shell)	48,742,1100, 7400	Bolt fails to remain in rearward position after firing last shell.
41	DLU	Doesn't lock-up	572,742,760, 48,870,1100, 7400, 7600	Bolt fails to go all the way forward preventing proper closing of Action and Trigger and/or Bar Lock is not engaged & shell is not sufficiently indented to fire.
42	DCU	Doesn't close-up	48,742,1100, 7400	Same as #41-DLU except it will be visually noted that Bolt failed to move to its full forward position.
43	DO	Doubles (Fires Automatic) (See #69-FA)	All Autoloaders	After firing one (1) round, succeeding rounds are fired without again pulling trigger. (Fires Automatic) (See also #67-PID)

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DATES AND REASONS FOR REVISIONS Retyped - 1/22/75 - NWM/GRB-hf 9/30/80-Updated model listing Malf.#46,50-JJB/NM
 1/22/75 - Separated FC/FF/TWW to 50, 56, 145 for clarification- NWM/GRB/hf
 2/10/75 - Revised wording in item #50 to clarify - NWM/GRB/hf
 10/13/75 - Added double click - Safety to list - NWM/GRB/jc
 4/1/76 - Reviewed for feasibility - NWM/GRB/jc

DESCRIPTIVE INFORMATION

Code No.	ADR.	Malfunction	Model Involved	Explanation
44	DSM	Drops Shell-Magazine	48, 870, 1100	Live round jumps by Latch and falls out of Receiver through Loading Port
45	DTL	Doesn't trip Latch	1100	Live round feeding back from Magazine fails to trip Carrier Latch, preventing rising of Carrier and the feeding of shell up in proper position, Action fails to close.
46	DR	Doesn't Release	742, 760, 7400, 7600	Last shell fails to release from Magazine.
47	DX	Doesn't Extract	All	When Action is opened, shell is not removed from Chamber.
48	DCT	Double Click in Trigger	All	A separate & distinct catch felt in Trigger before Connector engages Sear.
49	DCS	Double Click in Safety	All	A separate & distinct catch felt in safety before safety is fully engaged
50	FC	Fails to Connect	3200, 1100, 870, 742, 760, 552, 572, 7400, 7600	When gun is cocked, hammer and sear engaged, Connector does not engage in or stay engaged in sear notch when trigger is pulled - Hammer is not released.
			100	When gun is cocked, disconnector & striker engaged in fire position, Trigger fails to engage in or stay in notch of disconnector.

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DATES AND REASONS FOR REVISIONS Retyped - 1/22/75 - NWM/GRB/hf
 1/22/75 - Separated FC/FF/TWW to 50, 56, 145 for clarification - NWM/GRB/hf
 4/1/76 - Reviewed for feasibility - NWM/GRB/jc

DESCRIPTIVE INFORMATION

<u>Code No.</u>	<u>Abr.</u>	<u>Malfunction</u>	<u>Model Involved</u>	<u>Explanation</u>
51	EDS	Extractor Drops Shell	All	Fired shell drops down from Extractor during Extraction cycle.
52	ESB	Ejector Sticks Back	All C.F. Rifles	When depressed, Ejector fails to return to full forward position.
53	ESCR	Empty Shell catches Receiver	All C. F. Rifles and shotguns	At start of the Ejection Cycle, front of fired case hangs or catches a front of Receiver Ejection Port.
54	ESS	Extractor Stems Shell	All S.G.	The shell feeding up on Carrier jumps out of position & front of Extractor strikes inside rim. (Most often occurs on loading first shell into the Chamber.)
55	FB	Follower Blinds	All W/Magazine	Follower binds in Magazine preventing proper feeding of shells.
56	FF	Fails to Fire	All	When trigger is pulled, hammer or striker is released but firing pin fails to strike cartridge.

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DATES AND REASONS FOR REVISIONS 1/22/75 - Separated FC/FF/TWW to 50, 56, 145 for clarification - NWM/GRB/hf
 Retyped - 1/22/75 - NWM/GRB/hf
 4/1/76 - Reviewed for feasibility - NWM/GRB - jc

DESCRIPTIVE INFORMATION

Code No.	Abr.	Malfunction	Model Involved	Explanation
57	FFM	Fails to feed from Magazine	All S.G.	Live round fails to feed past Latches out of Magazine.
58	FFP	Flat Firing Pin	All C.F.	S. E.
59	FII	Feeds High	All S. G.	When feeding, Carrier lifts shell too high causing it to stem top of Receiver or top of Chamber. See also #135-STC.
60	POS	Fires on Safe	All	Gun fires with Safe in "ON" position when Trigger is pulled.

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DATES AND REASONS FOR REVISIONS 3-22-73 - Revised & Retyped - NWM/hv

6-24-74 - Item 67 - Added breakdown explanation of various models for clarification - NWM/TJL/hv

4/1/76 - Reviewed for feasibility - NWM/GRB/jc

9/30/80-Updated model listing for Malf. #65,67-JJB/MAB/bdm

DESCRIPTIVE INFORMATION

Code No.	Abr.	Malfunction	Model Involved	Explanation
61	FPHB	Firing Pin hits Barrel	All R.F.	On its forward motion, Firing Pin strikes rear face of Barrel near Chamber.
62	FPO	Floor Plate Opens	700	Floor Plate opens due to insufficient spring tension on Latch.
63	FPOH	Floor Plate opens hard	700	Requires more than normal pressure to open.
64	FSR	Fires when Safe is Released	All	S.E.
65	FT	Follower Tips	600, 700, 742, 760, 7400, 7600	Follower (Magazine) tips sideways, may or may not stick down.
66	FUIH	Feeds up Hard	572, 582, 592	More than normal pressure required to feed shells up.
67	FD	Follows Down	A. 48, 1100, 870, 742, 760, 552, 572, N/66, 10C, 7400, 7600 B. 600, 700, 788, 580, 581, 582, 40X, 540X, 541, and XP-100	Hammer fails to properly engage with Sear and follows the forward motion of the Bolt to the fired position. Cocking piece fails to properly engage with Sear and follows the cocking cam surface of the bolt to the fired position.

PART NAME Malfunction Index COOLANT SET UP MODEL No OPER. No
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DATES AND REASONS FOR REVISIONS 3-22-73 - Revised & Retyped - NWM/hv
 6-24-74 - Item 67 - Added breakdown explanation of various models for clarification - NWM/TJI/hv
 4/1/76 - Reviewed for feasibility - NWM/GRB/jc

DESCRIPTIVE INFORMATION

Code No.	Abr.	Malfunction	Models Involved	Explanation
67	FD	Follows Down	C. 3200	Hammer fails to properly engage with Sear and follows the cocking cam to the forward fired position.
68	FPHI	Firing Pin hits Inside Rim	All R.F.	Firing Pin strikes completely inside periphery of rim leaving full imprint on Case Head. (May cause #56-FF).

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DATES AND REASONS FOR REVISIONS 3-22-73 - Revised & Retyped - NWM/hv -- 12/5/74 - Added #69 - M/3200 to
code - NWM/GRB/hv
4/1/76 - Reviewed for feasibility - NWM/GRB/jc

DESCRIPTIVE INFORMATION

Code No.	Abr.	Malfunction	Model Involved	Explanation
69	FA	Fires automatically (See 43-DO)	3200	When trigger is pulled, both rounds are fired simultaneously.
70	HBL	Heavy Bolt Lift	All Bolt Action	More than normal pressure is required during cocking cycle (lifting Bolt Handle to open Bolt) after a round has been fired or over an empty Chamber. (Not #1-BB).
71	HUE	Hard under Extractor	All except Single Shot	Shell feeding up does not force Extractor outward enough to allow rim of shell to fully seat under Extractor.
72	HUR	Hard under Rail	600, 700	Live round catches on Receiver Rail when feeding out of Magazine.
73	GRSO	Guide Ring shot off	48, 870	S.E.
74	GCSO	Gas Cyl. shot off	1100	S.E.
75				
76	ILOP	Int. Latch out of Pos.		Rear End protrudes into Receiver Inter- fering with shell feeding from Magazine.
	ILRM	Int. Latch Ret. missing	1100	S.E.
	ILSOP	Int. Latch Spring out of position.		Tail of Spring out of slot in Latch.

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DATES AND REASONS FOR REVISIONS

3-22-73 - Revised & Retyped - NWM/hiv

4/1/76 - Reviewed for feasibility and deleted item 80 as duplicate of item 13 - NWM/GRB/jc

DESCRIPTIVE INFORMATION

Code No.	Abr.	Malfunction	Model Involved	Explanation
77	ILSB	Int. Latch Stud broken	1100	S.E.
78		(Blank)		
79		(Blank)		
80		(Blank)		
81	JCS	Jumps Cartridge Stop	All R.F. w/Tube Magazine	After one shell is fed, next round jumps by cartridge stop resulting in double feed.
82	JL	Jumps Latch	All S.G.	After one shell is fed, next round jumps by Latch resulting in double feed.
83	JM	Jumps Magazine	All C.F. Rifles	Shell jumps out of Magazine & Bolt picks up next shell resulting in double feed.
84	JO	Jars off	All	Hammer fails to stay engaged with Sear and falls down <u>when gun is jarred</u> . (Not #67-F1).
85		(Blank)		

PART NAME Malfunction Index

COOLANT

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DATES AND REASONS FOR REVISIONS 3-22-73 - Revised & Retyped - NWM/hv

4/1/76 - Reviewed for feasibility - NWM/GRB/jc

DESCRIPTIVE INFORMATION

Code No.	Abr.	Malfunction	Model Involved	Explanation
86		(Blank)		
87		(Blank)		
88	LB	Light Blow	All	Firing Pin strikes Primer, but with insufficient force to make satisfactory indent and/or Primer is not detonated. (May cause #56-FF).
89		(Blank)		
90		(Blank)		
91		(Blank)		
92	MAH	Magazine assembles hard	All w/Box-Type Magazines	Magazine will not assemble to gun freely with release or lock fully depressed & inserting straight upward
93	MCW	Magazine capacity wrong	All w/Magazine	Magazine fails to hold correct number of rounds. (more or less)
94	MF	Misfires	All	Firing Pin strikes Primer with proper blow but fails to fire due to faulty ammunition. (This coding for ammunition failure only). Not #56-FF or #88-LB.

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DATES AND REASONS FOR REVISIONS 3-22-73 - Revised & Retyped - NWM/hv

4/1/76 - Reviewed for feasibility - NWM/GRB/jc

9/9/80-Updated model listing for Malf. #95-JJB/MAH-bdm

DESCRIPTIVE INFORMATION

Code No.	Abbr.	Malfunction	Model Involved	Explanation
95	MFOP	Magazine Follower out of position	742, 760, 7400, 7600	Follower jumps out of Box at front.
96	MII	Min. Header	All	Insufficient Cartridge headspace to close Bolt over shell. (May be the cause of #1-AB/BB).
97	ML	Magazine loose (Falls out)	All w/Box-Type Magazine	Magazine Latch or Lock fails to hold Magazine Box properly in place.
98	MLH	Magazine loads hard	All w/Magazine	More than normal pressure is required to load live rounds in Magazine.
99	MRH	Magazine removes hard (Blinds)	All w/Magazine Not fixed A) Box Type B) Tube-Type R.F.	A) Magazine will not remove from gun freely pulling straight downward with Release or Lock fully depressed. (R.F. Boxes remove - 20° toward muzzle). B) Inner Magazine Tube catches or binds when removing from gun.
100	MX	Max. Header	All	Excessive Cartridge headspace between Bolt Face & Bbl. Bolt gives insufficient support to Cartridge Head. (May cause #7-BC, #27-CO, #29-CS, #112-PI, etc.)

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DATES AND REASONS FOR REVISIONS 3-22-73 - Revised & Retyped - NWM/hv

4/1/76 - Reviewed for feasibility - NWM/GRB/jc

9/30/80-Updated model listing for Malf. #108-IJB/MAB/bdm

DESCRIPTIVE INFORMATION

Code No.	Abr.	Malfunction	Model Involved	Explanation
101	MCSO	Magazine Cap shot off	All S.G.	S.E.
102		(Blank)		
103	NBP	No Barrel Pin	580, 590 Series, 540X	S.E.
104		(Blank)		
105		(Blank)		
106	OH	Opens hard	All	Abnormal pressure is required to open Action by hand. (On manually operated guns this is not to be considered a malfunction if Action can be opened with one hand). I.e. M/870, 760, 572.
107	OOS	Opens on Safe	600, 700,	Action can be opened with Safe in "S" (ON) position.
108	OR	Over-Rides	All Repeating Rifles except 742, 7400 (See #113- POR, 132-SOR)	Bolt fails to pick up next shell in Magazine resulting in Action closing over an empty chamber. The Bullet Nose may be out of the Magazine in which case, the Bolt over-rides the rear of the Case, causing a jam.

PART NAME Malfunction Index

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DATES AND REASONS FOR REVISIONS 3-22-73 - Revised & Retyped - NWM/hv

4/1/76 - Reviewed for feasibility - NWM/GRB/jc

9/30/80-Updated model listing for malf. #113,118-JJB/MAB/bdm

DESCRIPTIVE INFORMATION

Code No.	Abr.	Malfunction	Model Involved	Explanation
109		(Blank)		
110		(Blank)		
111		(Blank)		
112	PH	Pulls Head	All S.G.	Paper or plastic of shell is pulled completely or partially out of the brass. (Not #27-CO).
113	POR	Power Over-Rides	742 , 7400	After firing, Bolt closes over empty chamber, doesn't pick up next round.
114		(Blank)		
115		(Blank)		
116		(Blank)		
117	RC	Rough Chamber	All	Chamber walls show digs, including rings, rust, tool marks, etc. usually evidenced by marks on fired cases in C.F.
118	RDW	(Action) Release doesn't work	552,572,742,760, 48,870,1100, 7400, 7600	Action fails to function manually.

PART NAME Malfunction Index COOLANT SET UP MODEL No. TIME OPER. No. 17
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DATES AND REASONS FOR REVISIONS 3-22-73 - Revised & retyped - NWM/hv

3-22-74 - Item 121, SHTL added - NWM/TIL/hv

4/1/76 - Reviewed for feasibility - NWM/GRB/jc

9/30/80-Updated model listing for Malf. #125-JJB/MAB/bdm

DESCRIPTIVE INFORMATION

Code No.	Abr.	Malfunction	Model Involved	Explanation
119	RS	Rim Stem	552, 572	Shell Rim binds or catches in Feeding Groove in Barrel preventing proper feed-up.
120		Blank		
121	SHTL	Shell hits Top Lock	3200	When Action is opened slowly after firing, Ejector functions to remove low base shell from bottom barrel but shell hits Top Lock & is not ejected from Gun.
122	SCX	Shell catches extracting	All	Shell binds on an obstruction in Breech end of Barrel or in Receiver during extraction cycle. (May cause #1-AB).
123	SHI	Short Indent	All R.F.	Firing Pin Indent appears as a small nick at rim of case with little or no coverage on shell head. (May cause #56-FF).
124	SBC	Stems Bottom Chamber	All	Forward motion on closing the Action is stopped as a result of the bullet tip jamming on the bottom edge of Chamber.
125	SBE	Stems Barrel Extension	742, 760 , 7400, 7600	Forward motion of the Action is stopped as a result of the bullet tip jamming into the Barrel Extension.

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DATES AND REASONS FOR REVISIONS 3-22-73 - Items 137-138 - Revised to include O/U 3200 Selector - NWM/hv - Retyped
 12-7-73 - Added Item #142 - NWM/TJL/hv 5/9/75 - Added explanation to item 139 for clarification NWM/GRB/hf
 5/28/75 Added information to items 134 & 135 and reworded item 138 for clarification - Also retyped from 5/9/75 -
 NWM/GRB/hf
 4/1/76 - Reviewed for feasibility - NWM - GRB/jc

DESCRIPTIVE INFORMATION

Code No.	Abr.	Malfunction	Model Involved	Explanation
134	SRC	Stems right side of Chamber	All	The forward motion of the Action is stopped as a result of the bullet tip nose of shell jamming on the right side edge of chamber.
135	STC	Stems Top Chamber	All	The forward motion of the Action is stopped as a result of the bullet tip or nose of shell jamming on the top edge of chamber.
136	SSC	Shells stem Carrier	All w/Tubular Magazine	Shell feeding from Magazine catches on front end of Carrier.
137	SWE	Safety or Selector works too easily	All	Safety or Selector doesn't have enough tension or "snap" to engage in specified positions properly.
138	SWH	Safety or Selector works too hard	All	Safety or Selector has too much tension to move from one position to another properly.
139	SWW	Safety won't work	All	Safety won't go on or off
140		(Blank)		
141		(Blank)		
142	TIDL	Top Lock doesn't latch	3200	Top Lock goes forward after opening gun - doesn't latch open in rear position.

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DATES AND REASONS FOR REVISIONS Retyped - 1/22/75 - NWM/GRB/hf
 1/22/75 - Separated PC/PP/TWW to 50, 56, 145 for clarification - NWM/GRB/Lf
 6/1/86 - Reviewed for feasibility -NWM/GRB/jc

DESCRIPTIVE INFORMATION

Code No.	Abr.	Malfunction	Model Involved	Explanation
143	TD	Tips Down	All R.F. w/Magazine	Front end of shell is not supported, permitting nose of bullet to tip down when feeding (May cause #124-SBC)
144	TU	Tips Up	552, 572	When feeding toward chamber, live round fails to align properly. Front end of shell is tipped upward causing Bolt to jam against it. (May cause #135-STC).
145	TWW	Trigger Won't work	All	Trigger won't move when pulled or won't retract after pulling.
146		(Blank)		
147	XH	Extracts hard	All	Shell or cartridge extracts but requires more than normal pressure (Not #106-OH).
148	XHB	Extractor Hits Barrel	All except C.F. Rifle	Forward motion of the Action is stopped as a result of the Extractor jamming Breech area of Barrel. Action need not be feeding cartridge at time.
149		(Blank)		
150		Uncoded Defects	All	Any defect not currently included in above list.

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DATE AND REASONS FOR REVISIONS 3-22-73 - Added Items 165 thru 173 - New - NWM/hv
 4-17-73 - Added Item 166 - NWM/TL/hv
 4/1/76 - Reviewed for feasibility - NWM/GRB/jc

DESCRIPTIVE INFORMATION

Code No.	Abr.	Malfunction	Model Involved	Explanation
165	BOE	Burr on Ejector	3200	Burr on Ejector marks base of shell.
166	EHR	Ejector Hammer releases	3200	Ejector Hammer releases when taking Fore-End off or opening action.
167	FELI	Fore End loose on Iron	3200	Fore End not securely fastened on Fore End Iron, allows Fore End to show separation when shot.
168				
169	FESO	Fore End shoots off	3200	Fore End does not latch properly and shoots off in test.
170				
171	FPP	Firing Pin protrudes	3200	Firing Pin protrudes beyond face of block and catches on shell when closing Action.
172				
173	TLB	Top Lock binds	3200	Top Lock requires more than normal force to disengage.

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