



SC743/SC743SC

SC743  
SC743SG

ITEM	DESCRIPTION	PART NUMBER	QUANTITY
1	SCREW, #10-24 X 1" BUTTON HD. CAP	TL770216	4 4
2	CAP. END	B04582	1 1
3	GASKET	B04583	1 1
4	"O" RING	SC10	1 1
5	PISTON	B04580	1 1
6	BUSHING, PISTON ROD	SC102	1 1
7	"O" RING	SC08	5 5
8	SCREW, SET	SC23	2 2
9	PLUG, MANIFOLD 1/8-27	1753	1 1
10	ROLL PIN	SC05	3 3
11	ROD, PISTON (LONG)	B04578	1 1
12	ROLLER	B01854	4 4
13	PIN, ROLLER	SC01	2 2
14	BLADE, FEEDER	B01687F	1 1
15	SIDE PLATE (R & L)	B04584F	2 2
16	NUT, NYLOCK	SC77	2 2
17	SPRING, LATCH	B01438F	1 1
18	WASHER, JAW BOLT	B01442	2 2
19	NUT, NYLOCK	SC13	2 2
	LATCH	B03068F	1 0
		C01845	0 1
		C01850F	1 0
	JAW, UPPER	B03039F	0 1
22	BUSHING, JAW	B01441	2 2
23	JAW, LOWER	C01851F	1 0
		B03040	0 1
24	GUARD, TRIGGER	B01435F	1 1
25	TRIGGER	A02073F	1 1
26	ROLL PIN	TR105026	3 3
27	PUSHER, 3/4" RING	C04573	1 1
28	SCREW, #10-24 X 1/4" BUTTON HD. CAP	TL770204	1 1
29	SHOE, MAGAZINE	C04545	1 1
30	SHIM, MAGAZINE (.010")	B1545010	A/R A/R
	SHIM, MAGAZINE (.005")	B1545005	
31	MAGAZINE BODY (PLASTIC)	D04568	1 1
32	SCREW, #6-19x1/4" PAN HD.	TL846206	3 3
33	GUARD, 3/4" RING	B04571	1 1
34	BOLT, JAW	B01507	2 2
35	SPRING, CONSTANT FORCE	SC97	1 1
36	CLIP, ANTI-BACKUP	B04570	1 1
37	ROLL PIN 3/32" X 11/16"	TL861511	2 2
38	BRACKET, SPRING SPOOL	C04574	1 1
39	SPACER, SPRING	B04569	1 1
40	SPRING, SHOE	SC100	2 2
41	RAIL, SC7 FEEDER GUIDE	C04575	1 1
42	SCREW, #10-24 X 1" SOCKET HD. CAP	TL710216	2 2
	SCREW, BUTTON HD. CAP	SC18	3 3
	STEM, THROTTLE	B01425F	1 1
	SEAT, FRONT VALVE	B03042	1 1
46	"O" RING	SC09	2 2
47	SCREW, VALVE SOCKET HD. CAP	SC21	2 2
48	HOUSING, MACHINED	D04579F	1 1
49	GRIP	C03916	1 1
50	SPACER, THROTTLE VALVE	B03044	1 1
51	SPRING, VALVE	B04587	1 1
52	SEAT, REAR VALVE	B03043	1 1
53	DEFLECTOR, AIR	B01426	1 1
54	SUPPORT, O-RING END	B01421	4 4
55	SUPPORT, O-RING CENTER	B01422	2 2
56	WASHER, THROTTLE VALVE	B01455	2 2
57	SHIM, FEEDER BLADE	A03116	1 1
58	BUMPER, SC742/SC743	B04712	1 1

\* "A/R" DENOTES AS REQUIRED FOR OPTIMUM PERFORMANCE

ASSEMBLIES	
DESCRIPTION	ITEMS INCLUDED
CYLINDER HOUSING COMPLETE A004579F	6, 7, 9, 48, 49
MAGAZINE COMPLETE A004568	26, 29, 31, 32, 33, 36, 40
SPRING, CONSTANT FORCE W/ SPACER, SPOOL SC97A	35 & 39

RECOMMENDED SPARE PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	NO. OF TOOLS
1	SCREW, #10-24 X 1" BUTTON HD. CAP	TL770216	2 4 8
3	GASKET	B04583	1 2 4
4	"O" RING	SC10	1 2 4
5	PISTON	B04580	0 1 2
6	BUSHING, PISTON ROD	SC102	0 1 2
7	"O" RING	SC08	5 10 20
8	SCREW, SET	SC23	1 2 4
10	ROLL PIN	SC05	1 2 3
11	ROD, PISTON	B04578	0 0 1
12	ROLLER	B01854	4 8 16
13	PIN, ROLLER	SC01	2 4 8
14	BLADE, FEEDER	B01687F	1 2 3
16	NUT, NYLOCK	SC77	2 4 6
17	SPRING, LATCH	B01438F	1 2 4
18	WASHER, JAW BOLT	B01442	1 2 4
19	NUT, NYLOCK	SC13	2 4 8
20	LATCH	B03068F	1 2 3
		C01845F	
		C01850F	
21	JAW, UPPER	B03039F	1 2 3
22	BUSHING, JAW	B01441	2 4 6
23	JAW, LOWER	C01851F	1 2 3
		B03040	
25	TRIGGER	A02073F	1 2 3
26	ROLL PIN	TR105026	2 4 6
27	PUSHER, 3/4" RING	C04573	0 1 2
28	SCREW, #10-24 X 1/4" BUTTON HD. CAP	TL770204	1 2 4
29	SHOE, MAGAZINE	C04545	0 1 2
30	SHIM, MAGAZINE (.010")	B1545010	2 8 12
	SHIM, MAGAZINE (.005")	B1545005	1 4 6
31	MAGAZINE, ASSEMBLY	A004568	0 1 2
32	SCREW, #6-19x1/4" PAN HD.	TL846206	1 2 4
33	GUARD, 3/4" RING	B04571	0 1 2
34	BOLT, JAW	B01507	1 2 4
35	SPRING, CONSTANT FORCE	SC97A	1 2 4
36	CLIP, ANTI-BACKUP	B04570	1 2 3
37	ROLL PIN 3/32" X 11/16"	TL861511	1 2 4
40	SPRING, SHOE	SC100	2 4 6
41	RAIL, SC7 FEEDER GUIDE	C04575	0 1 2
42	SCREW, #10-24 X 1" SOCKET HD. CAP	TL710216	2 2 4
43	SCREW, BUTTON HD. CAP	SC18	1 2 3
44	STEM, THROTTLE	B01425F	0 1 2
45	"O" RING	SC09	2 4 6
47	SCREW, VALVE SOCKET HD. CAP	SC21	1 2 3
48	HOUSING, ASSEMBLY	A004579F	0 0 1
51	SPRING, VALVE	B04587	0 1 1
54	SUPPORT, O-RING END	B01421	1 2 3
55	SUPPORT, O-RING CENTER	B01422	1 1 2
56	WASHER, THROTTLE VALVE	B01455	1 1 2
57	SHIM, FEEDER BLADE	A03116	1 2 3
58	BUMPER, SC742/SC743	B04712	1 2 3

### RECOMMENDED TOOL LIST

DESCRIPTION
3/16" 75° Angle Head Wrench
5/8" Combination Wrench
3/8" Combination Wrench
7/16" Combination Wrench
1/2" Combination Wrench
9/16" Combination Wrench
Long Hex. Key Set (Sizes: 1/16, 1/8, 9/64, 5/32, 3/16)
T15 Torx Driver
Pin Punch Set (Sizes: 3/32, 1/8, 3/16, 1/4)
Hammer
8-1/2" Machinist Scribe