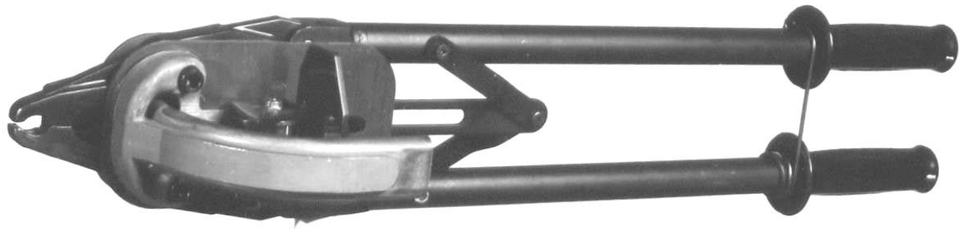
C-RING HAND PLIERS
SC50HP
SAFETY INSTRUCTIONS



WARNING:
The employer and/or user must ensure that proper eye protection is worn. Eye protection equipment must conform to the requirements of the American National Standard Institute, ANSI Z87.1-1979 and provide frontal and side protection. Eye protection should be worn by the operator and others in the work area when loading, operating, or servicing this tool. Eye protection is required to guard against possible flying particles and/or debris, which could cause severe eye injury.

NOTE: Non-side shielded prescription glasses and faceshields alone do not provide adequate protection.

OPERATION

⚠WARNING:

Always handle tool with care:

- Never engage in horseplay.
- Never actuate pliers unless nose of tool is directed toward the work.
- Operate tool in an unobstructed work area.
- Keep others at a safe distance from the tool while the tool is in operation as actuation occurs, possibly causing injury. Keep hands and body away from the jaw mechanism of the tool.

LOADING TOOL

⚠WARNING:

When loading tool:

- Never place a hand or any part of body in jaw mechanism area of tool.
- Never point tool at anyone.
- Never actuate tool when loading, accidental injury may occur.

STANLEY® Fastening Systems

SPECIFICATIONS AND TYPES OF MATERIALS AVAILABLE BY PART NUMBER							
Part Number	Per Strip #	Per Box #	Material	Wire Diameter	Ring I.D.	Ring Leg Opening	Operating Range of Tool
RING11RG40	40	1,600	Light Galvanized	0.120	1.53	1.10	.465 - .410
RING11AL40	40	1,600	Aluminum	0.120	1.53	1.10	.465 - .410
RING11G40	40	1,600	High Tensile Galvanized	0.120	1.53	1.10	.465 - .410
RING11SS40	40	1,600	High Tensile Stainless Steel	0.120	1.53	1.10	.465 - .410

*** Please specify "Blunt" or "Sharp" when ordering rings.**

SC50HP TROUBLESHOOTING GUIDE

1. The operator of the tool should understand that the success of operating this tool depends on the method (or technique) that the handles are operated. The single most important issue will be in the outward movement of the handles during the ring loading cycle. The handles must be opened completely to the full open position. This will need to be done in a continuous motion to prevent the tool from jamming. Failure to do this will cause the ring to feed short of the latch nose. The ring must feed beyond the latch nose to allow the latch to position behind the ring and prevent the ring from deforming during closure.
2. Any outward movement of the handles must result in the full ring loading cycle. Partial outward movement will push a ring only part way forward. When the handles are returned to the start position and then opened again the ring being fed on the second cycle will jam into the previously incompletely cycled ring. This ring jamming will cause the tool to jam and lock the handles. If the handles become locked the operator will need to remove the jammed rings from between the jaws. This can be accomplished in the following ways:
   - Most of the time this can be accomplished by using a screwdriver or other probing device to free the jammed ring(s).
   - If using the probe doesn't remove the rings, than the following will be necessary. Remove all rings from the magazine. Place the ring pusher in the parked position. This is a point at the rear of the spring spool bracket. Just hook the pusher in the slot near the bottom rear of the bracket. Loosen both pivot bolt nuts 4 – 6 turns, this will allow more clearance between the jammed rings and the magazine. This should now allow the removal of the jammed ring(s).
   - In the event the above still doesn't allow the removal of the jammed ring(s) then it will be necessary to remove the magazine completely. When re-installing the pivot bolts or tightening the pivot bolt nuts, care must be taken not to over-tighten the nuts.

FEEDING PROBLEMS

1. If rings do not feed smoothly down the magazine, check pusher spring for proper tension. If the magazine is covered with dirt from field use, clean the magazine and apply a light coating of oil.
2. When rings feed properly on the magazine but do not feed into the jaws without spitting out of the magazine side of the tool, or if the rings sit in the jaw grooves on an angle, check jaws to insure freedom of movement. With the jaws void of rings, the vertical movement should be approximately .06" (1.5 mm). The jaw bolt nuts should be snug, but **never over-tightened**.
3. After considerable use or several jams, the fingers on the pusher may show signs of spreading. This may cause the pusher to "hang up" on the magazine, with little or no pressure behind the rings. The last few rings in the strip will not feed into the jaw mechanism. The pusher fingers can be squeezed back into proper position or the pusher should be replaced. **NEVER USE LOOSE RINGS IN THE SC TOOL.**

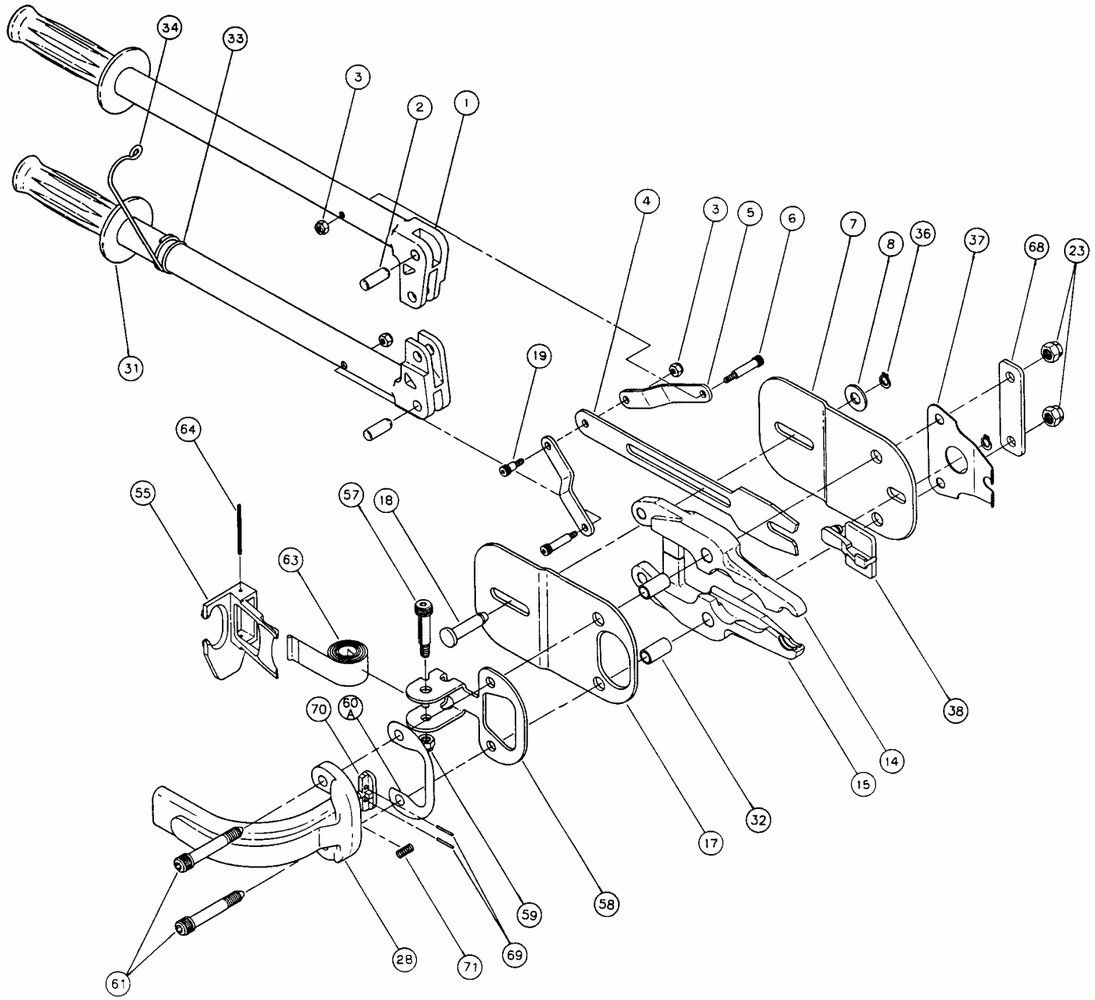
LIMITED WARRANTY

Stanley Fastening Systems warrants to the original retail purchaser that this product is free from defects in material and workmanship, and agrees to repair or replace, at Stanley Fastening Systems' option, any defective product within 60 days from the date of purchase. This warranty is not transferable. It only covers damage resulting from defects in material or workmanship, and it does not cover conditions or malfunctions resulting from normal wear, neglect, abuse, or accident.

THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS LIMITED TO THE DURATION OF THIS WARRANTY. STANLEY FASTENING SYSTEMS SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

To obtain warranty service, you must return the product at your expense together with the proof of purchase to a Stanley-Bostitch Regional warranty repair center or you may call us at 1-800-556-6696 or 1-800-832-3080 for the location of additional authorized warranty service locations in your area.



PARTS LIST

ITEM	QTY.	DESCRIPTION	PART NUMBER	ITEM	QTY.	DESCRIPTION	PART NUMBER
1	2	ASSEMBLY, HANDLE WELDMENT	B03063F	33	1	O-RING, 15/16 X 1/8	SC74
2	2	PIN, DOWEL .375 X 1	SC70	34	1	LATCH, HANDLE SPRING	A03104
3	3	NUT, NYLOCK 10-24	SC77	36	2	CLIP, LATCH PIN	A02345
4	1	BLADE, FEEDER	B03059F	37	1	SPRING, LATCH SC50	B02264F
5	2	LINK, CONNECTING	A03057	38	1	LATCH, SC50	C02259F
6	2	BOLT, SHOULDER .25 X 1.00	SC71	55	1	PUSHER, SC50	B02286F
7	1	PLATE, BOTTOM SIDE	C03061	57	1	BOLT, SPRING	A02904
8	1	WASHER, 5/16	TL713000	58	1	BRACKET, MAG. SUPPORT SPRING	B02900
14	1	JAW, LEFT	D03064F	59	1	NUT, FLEXLOC	TL727200
15	1	JAW, RIGHT	D03065F	60A	1	SHIM, SC50 (.030)	A02265
17	1	PLATE, TOP SIDE	C03060	61	2	BOLT, JAW SC50	A02289
18	1	PIN, CLEVIS	A03058F	63	1	SPRING, PUSHER SC50	B02297
19	1	BOLT, SHOULDER .25 X .375	SC73	64	1	PIN, ROLL SC50	A02368
23	2	NUT, FLEX SC50	A02356	68	1	PLATE, SUPPORT SC50	A02295
28	1	MAGAZINE, HAND PLIERS SC50	C022841F	69	2	PIN, ROLL SC50	A02362
31	2	GRIP, RUBBER	SC69	70	1	SHOE, MAGAZINE SC50	C02261F
32	2	BUSHING, JAW	B02932	71	1	SPRING, MAGAZINE SC50	A02350

RECOMMENDED SPARE PARTS LIST

ITEM	DESCRIPTION	PART NUMBER	NUMBER OF TOOLS		
			1	5	10
1	ASSEMBLY, HANDLE WELDMENT	B03063F	0	1	2
2	PIN, DOWEL .375 X 1	SC70	0	1	2
3	NUT, NYLOCK 10-24	SC77	0	3	6
4	BLADE, FEEDER	B03059F	0	1	2
5	LINK, CONNECTING	A03057	0	1	2
6	BOLT, SHOULDER .25 X 1.00	SC71	0	2	4
7	PLATE, BOTTOM SIDE	C03061	0	1	2
8	WASHER, 5/16	TL713000	0	1	2
14	JAW, LEFT	D03064F	0	1	1
15	JAW, RIGHT	D03065F	0	1	1
17	PLATE, TOP SIDE	C03060	0	1	1
18	PIN, CLEVIS	A03058F	0	1	2
19	BOLT, SHOULDER .25 X .375	SC73	0	1	2
23	NUT, FLEX SC50	A02356	0	2	4
31	GRIP, RUBBER	SC69	0	1	2
32	BUSHING, JAW	B02932	0	1	2
33	O-RING, 15/16 X 1/8	SC74	0	1	2
36	CLIP, LATCH PIN	A02345	0	1	2
37	SPRING, LATCH SC50	B02264F	1	2	4
38	LATCH, SC50	C02259F	0	2	3
59	NUT, FLEXLOC	TL727200	0	1	2
60A	SHIM, SC50 (.030)	A02265	0	0	1
61	BOLT, JAW SC50	A02289	0	1	2
63	SPRING, PUSHER SC50	B02297	0	1	2
64	PIN, ROLL SC50	A02368	0	0	1