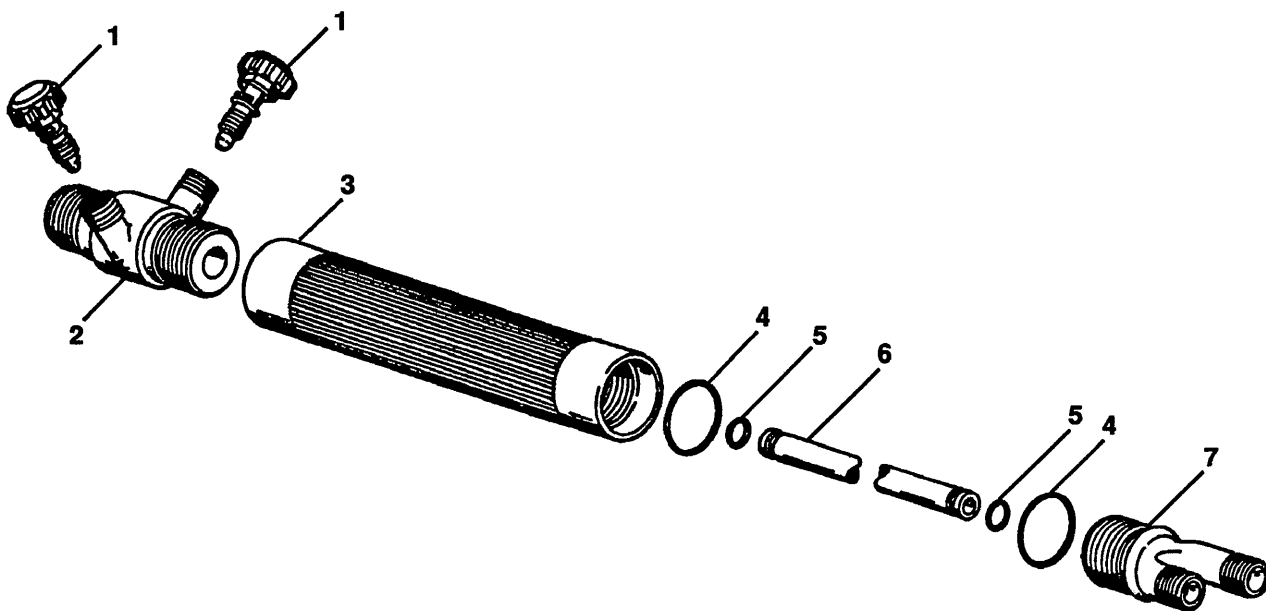


Harris

Model 15

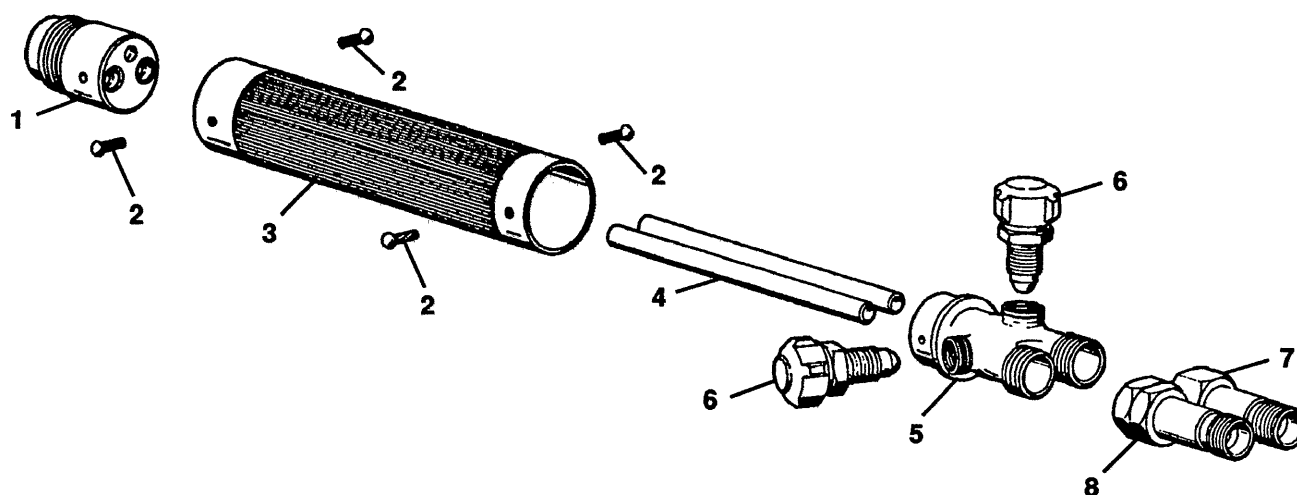
Welding Torch



REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
15			Welding Torch		4	9004503	H-229	Large O-Ring (2)	
1	9100068	H-256	Needle Valve Stem Assembly (2)		5	9004495	H-120	Small O-Ring (2)	
2	9000434		Body		6	9000490		Oxygen Tube	
3	9000446		Handle Casing		7	9000486		Tail	

Harris

Models 16, 63-2 and 85 Welding Torches

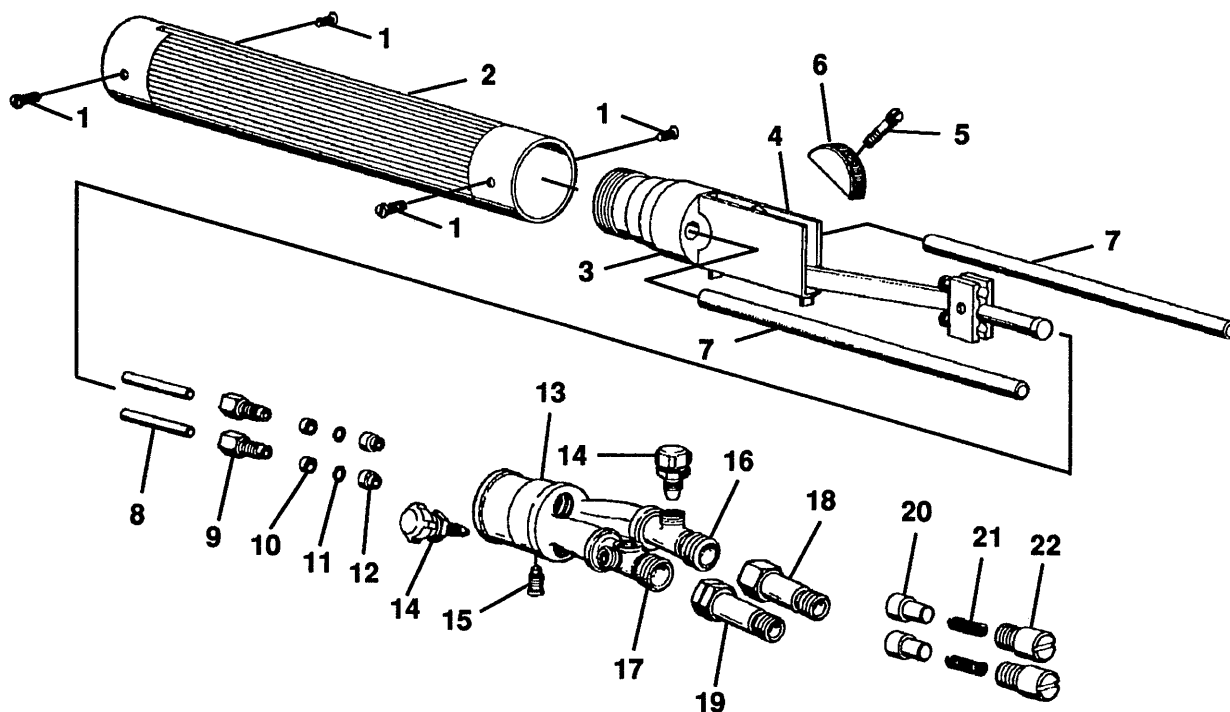


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
16			Welding Torch	A		9000372	H-285	Tail	B
63-2			Welding Torch	B	6	9100062	H-058	Needle Valve Stem Assembly (2)	A, C
85			Welding Torch	C		9101360	H-057	Needle Valve Stem Assembly (2)	B
1	9006308		Block	A		4300062	CVR-002	Check Valve, R. H.	A, B, C
	9002870	H-265	Block	B	8	4300061	CVL-001	Check Valve, L. H.	A, B, C
	9003662	H-266	Block	C					
2	9000392	H-311	Handle Drive Screw (4)	A, B, C					
3	9001643		Handle Casing	A					
	9000352		Handle Casing	B					
	9003666		Handle Casing	C					
4	8801400		Gas Tube (2)	A					
	9000374		Gas Tube (2)	B					
	9000414		Gas Tube (2)	C					
5	9000402		Tail	A, C					

Harris

Model 18-3

Welding Torch

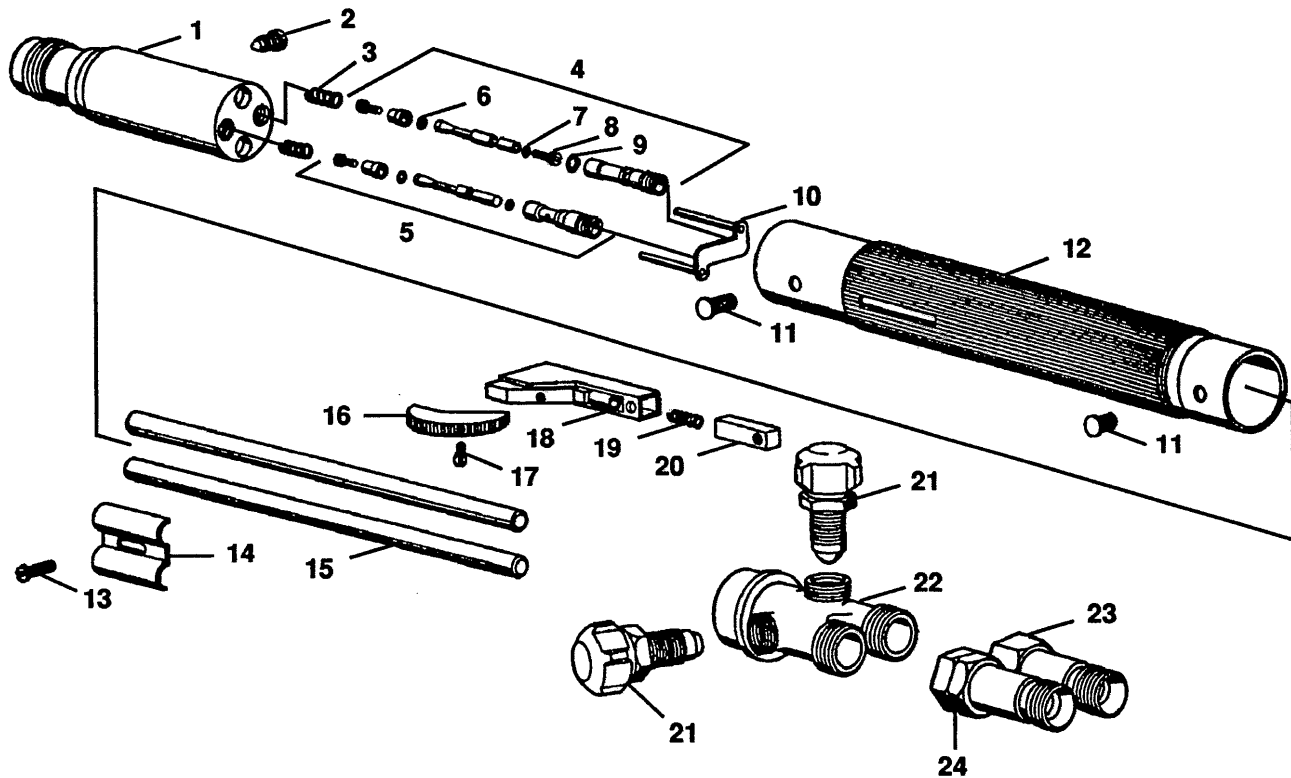


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
18-3			Welding Torch		14	9101418	H-073	Needle Valve Stem Assembly (2)	
1	9000366		Handle Screw (4)		15	9000534		Pilot Flame Adjustment Screw	
2	9000555		Handle Casing		16	9002128		Needle Valve Body, R. H.	
3	9002870	H-265	Front Block		17	9002126		Needle Valve Body, L. H.	
4	9100080	H-257	Cam Housing & Slide Assembly		18	4300062	CVR-002	Check Valve, R. H.	
5	9000532		Thumb Piece Retaining Screw		19	4300061	CVL-001	Check Valve, L. H.	
6	9000540		Thumbwheel		20	9000542	H-021	Valve Seat Assembly (2)	
7	9000576		Gas Tube (2)		21	9000538	H-122	Plunger Valve Spring (2)	
8	9000528	H-416	Valve Plunger Rod (2)		22	9000504	H-510	Plunger Valve Cap (2)	
9	9000516		Plunger Valve Packing Nut (2)						
10	9000506	H-204	Plunger Valve Packing Disc (2)						
11	9004566	H-113	Plunger Valve O-Ring (2)						
12	9000510	H-121	Plunger Valve Packing Disc (2)						
13	9000570		Tail						

Harris

Model 18-4

Welding Torch

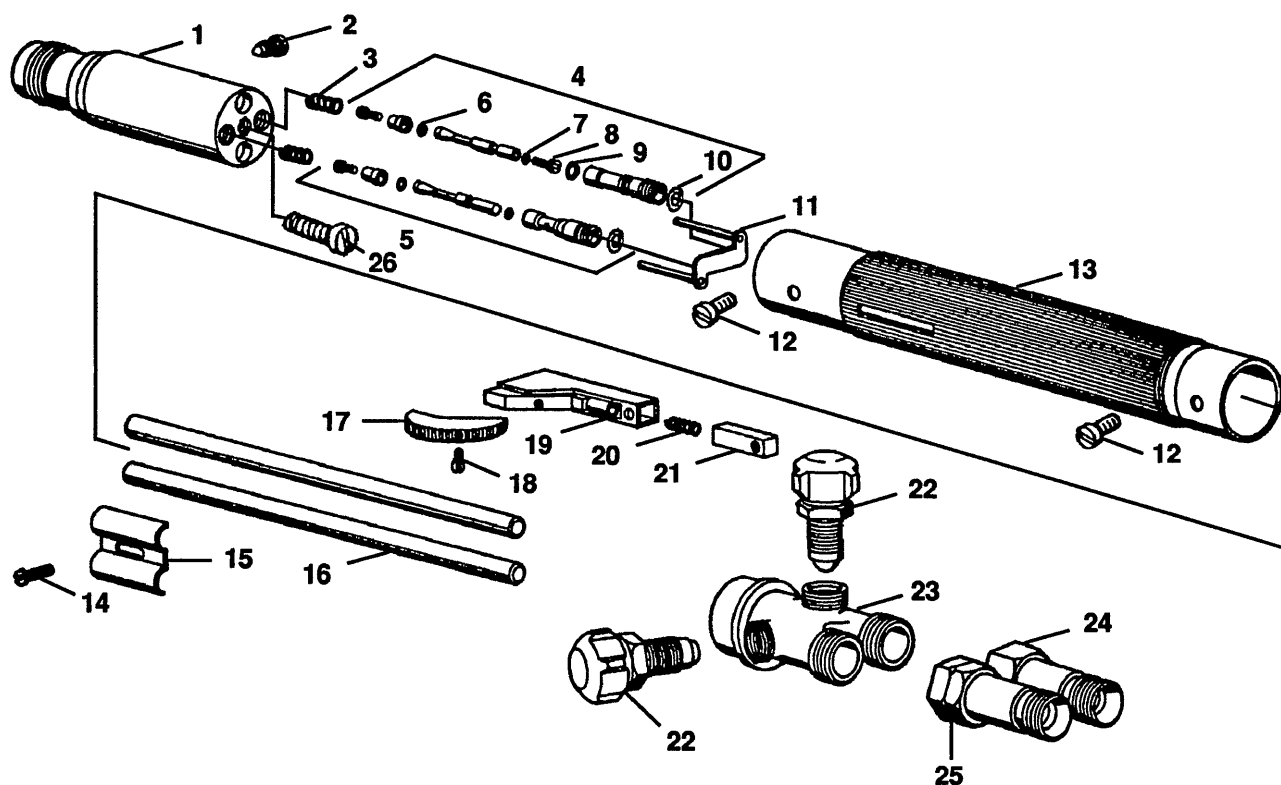


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	18-4		Welding Torch		* 14	9001803		Clip	
* 1	9001800		Body		* 15	9001813		Tube (2)	
2	9100396	H-267	Pilot Screw Assembly		16	9001819	H-545	Thumbwheel	
3	9001805		Plunger Valve Spring		17	9001816	H-546	Thumbwheel Screw	
4	9101802		Plunger Valve "A" (Fuel Gas)		18	9101800	H-547	Cam Assembly	
5	9101803		Plunger Valve "B" (Oxygen)		19	9001804		Cam Spring	
6	9008365	H-447	O-Ring, Plunger Seal (2)		20	9001821		Cam Spring Housing	
7	9001824	H-541	O-Ring, Valve Seat (2)		21	9101360	H-057	Needle Valve Stem Assembly (2)	
8	9001818		Valve "A" Adjusting Screw		* 22	9001812		Tail	
9	9004627	H-543	O-Ring, Screw Seal (2)		23	4300062	CVR-002	Check Valve, R. H.	
10	9101801	H-544	Guide Assembly		24	4300061	CVL-001	Check Valve, L. H.	
11	9000392	H-311	Handle Screw (4)		*	9201836		Body, Tube & Tail Assembly	
12	8801820		Handle Casing					(Includes Items 1, 14, 15 and 22)	
13	9001817		Cam Retaining Screw						

Harris

Model 18-5

Welding Torch

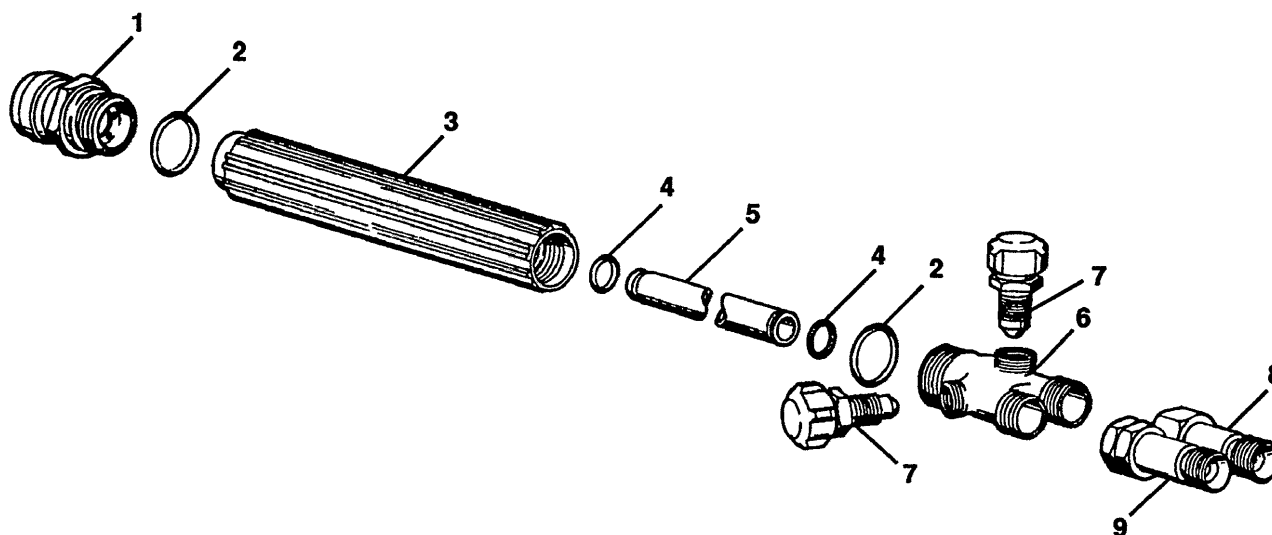


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
18-5			Welding Torch		14	9001817		Cam Retaining Screw	
1	9001828		Body		15	9001803		Clip	
2	9100936		Pilot Valve Screw Assembly		16	9001813		Tube (2)	
3	9001805		Plunger Valve Spring (2)		17	9001819	H-545	Thumbwheel	
4	9101804		Plunger Valve "A" (Fuel Gas)		18	9001816	H-546	Thumbwheel Screw	
5	9101805		Plunger Valve "B" (Oxygen)		19	9101800	H-547	Cam Assembly	
6	9001824	H-541	O-Ring Valve Seat (2)		20	9001804		Cam Spring	
7	9008365	H-447	O-Ring Plunger Seal (2)		21	9001821		Cam Spring Housing	
8	9001826		Valve "A" Adjusting Screw		22	9101360	H-057	Needle Valve Stem Assembly (2)	
9	9008517	H-542	O-Ring Bottom Seal (2)		23	9001812		Tail	
10	9004627	H-543	O-Ring Top Seal (2)		24	4300062	CVR-002	Check Valve (RH)	
11	9101801	H-544	Guide Assembly		25	4300061	CVL-001	Check Valve (LH)	
12	9000390		Handle Screw (4)		26	9001832		Retaining Screw	
13	8801825		Handle Casing						

Harris

Model 43-2

Welding Torch

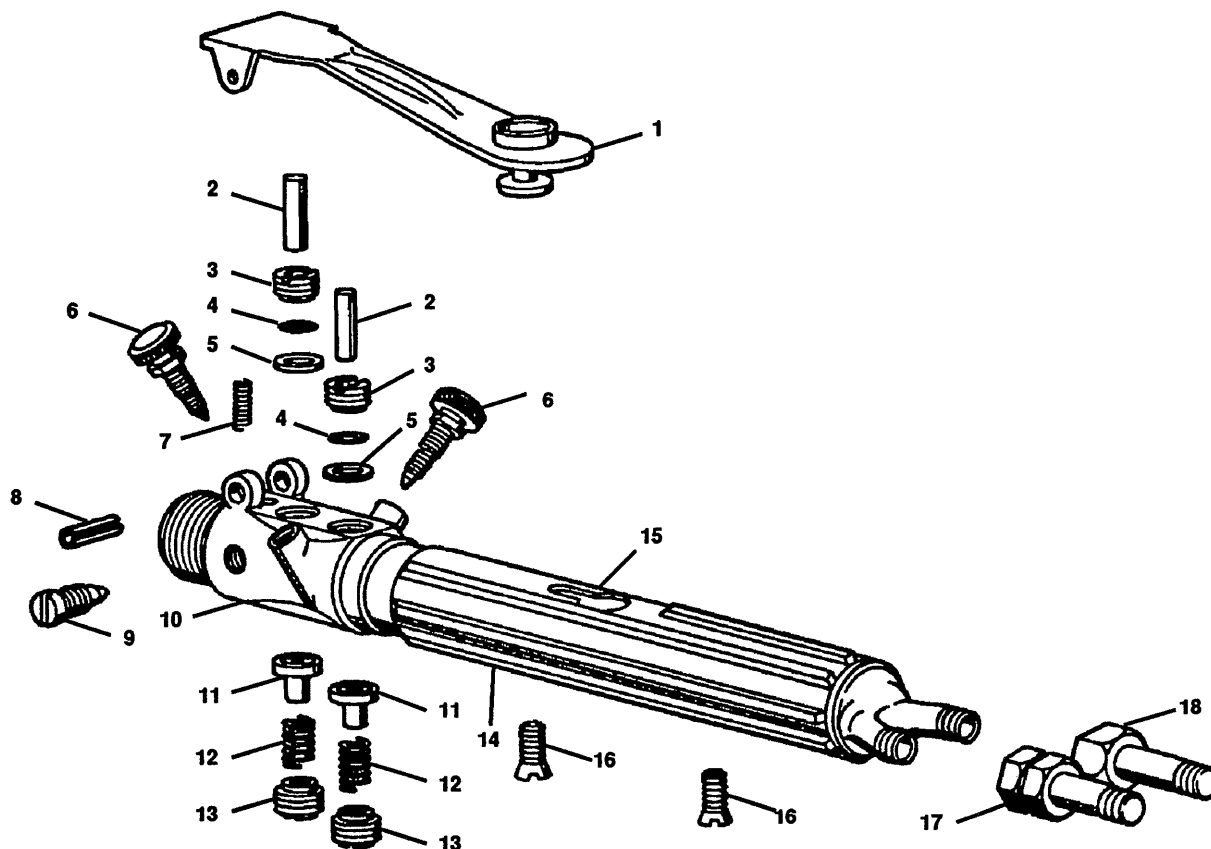


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	43-2		Welding Torch		5	9001866		Tube	
1	9001770	H-250	Handle Block		6	9001854	H-264	Tail	
2	9004562	H-098	O-Ring, Large (2)		7	9101140		Needle Valve Assembly (2)	
3	9001776		Handle Casing		8	4300062	CVR-002	Check Valve, R. H.	
4	9004594		O-Ring, Small (2)		9	4300061	CVL-001	Check Valve, L. H.	

Harris

Model 50

Welding Torch

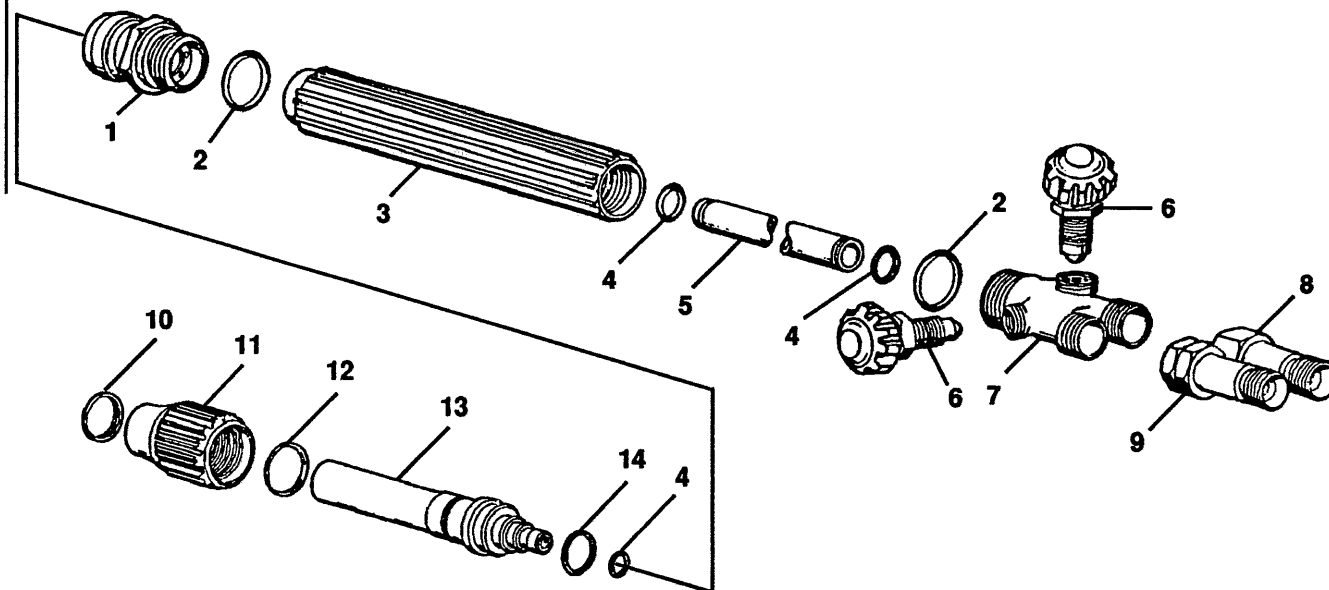


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
50-7			Welding Torch	A	11	9005095		Valve (2)	A, B
50-8			Welding Torch	B	12	9002070	H-047	Valve Spring (2)	A, B
1	9100384	H-413	Lever Assembly	A, B	13	9005098	H-138	Valve Cap (2)	A, B
2	9005096		Plunger (2)	A, B	14	9005046		Handle, Bottom	A, B
3	9005097		Plunger Screw (2)	A, B	15	9005045		Handle, Top	A, B
4	9004572	H-116	Plunger O-Ring (2)	A, B	16	9005047		Handle Screw (2)	A, B
5	9002012	H-139	Gasket (2)	A, B	17	4300061	CVL-001	Check Valve, L. H.	A, B
6	9105050	H-102	Needle Valve Stem Assembly (2)	A, B	18	4300062	CVR-002	Check Valve, R. H.	A, B
7	9002072	H-289	Lever Spring	A, B					
8	9002048	H-312	Lever Pin	A, B					
9	9100396	H-267	Pilot Screw Assembly	A, B					
10			Body, Tube & Tail Assembly (Not Sold Separately)						

Harris

Model V-315C

V-Series Welding Torch

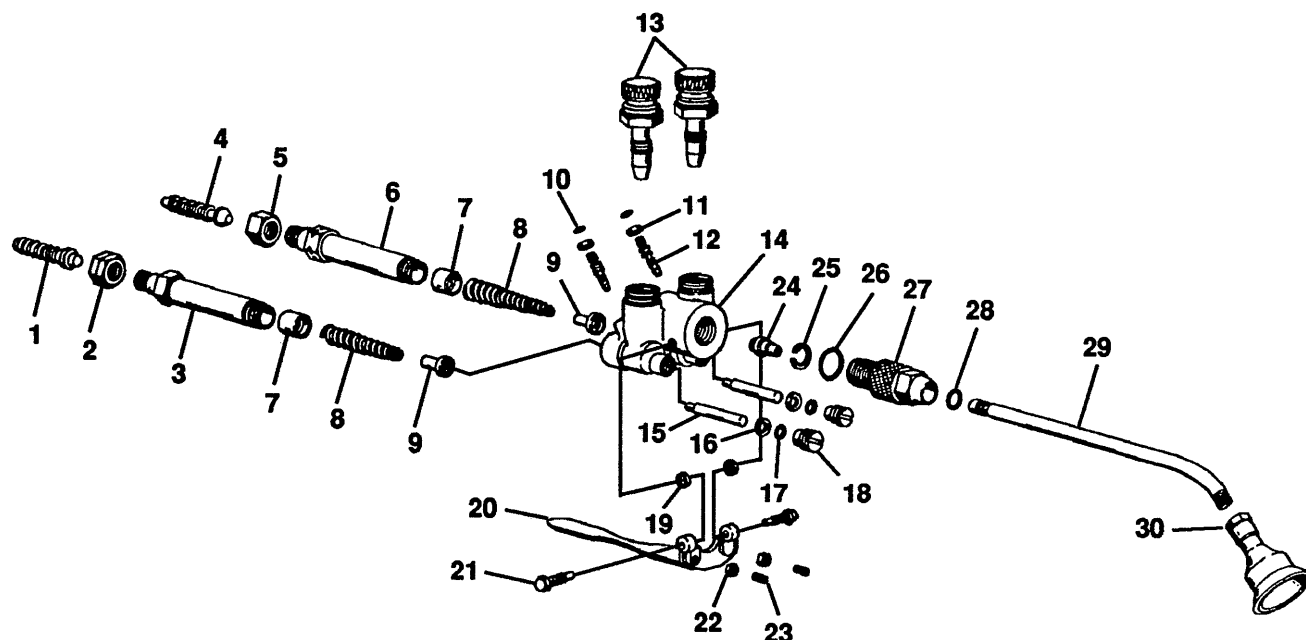


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	V-315C		Welding Torch		* 9	4300443		Check Valve, L. H.	
1	9015202	H-098	Handle Block		* 4310442			Replacement Kit - 1 Ea VCV-R & VCV-L	
2	9004562		O-Ring, Large (2)					Retaining Ring	
3	8801773		Handle Casing		10	9001850	H-136	Torch Nut	
4	9004594		O-Ring, Small (3)		11	9115235		Retaining Washer	
5	9001866		Tube		12	9001868		Body (Not Sold Separately)	
6	9115200		Needle Valve Assembly (2)		13	9005234	H-092	O-Ring, Large	
7	9001860		Tail		14	9004598			
* 8	4300442		Check Valve, R. H.						

Harris

Model 89-2

Heating Torch

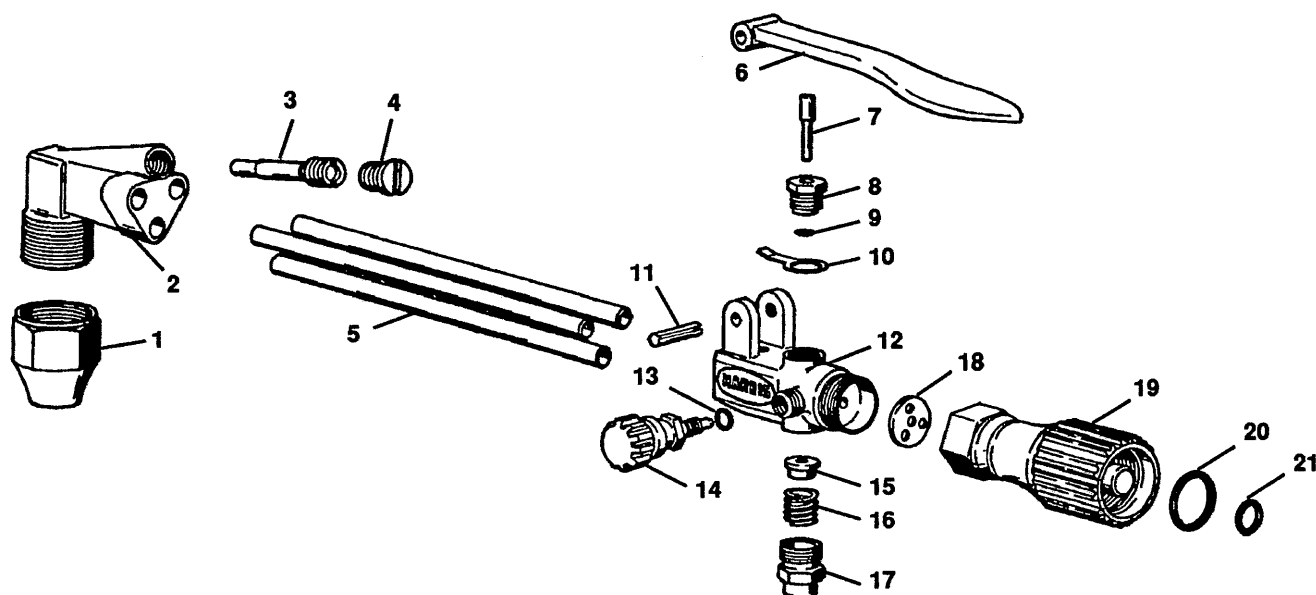


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	89-2		Heating Torch		16	9003816		Gasket (2)	
1	9000320		Stem, Fuel Gas		17	9004546	H-118	O-Ring, Plunger Valve (2)	
2	9000242		Nut, L. H., 9/16-18 L. H.		18	9003844		Screw, Plunger Valve (2)	
3	9003820		Nipple, L. H.		19	9003810		Bushing (2)	
4	9000340		Stem, A/R		20	9003818		Lever	
5	9000240		Nut, R. H. 1/4 N. P. S.		21	9003848		Lever Screw (2)	
6	9003822		Nipple, R. H.		22	9003830		Nut (2)	
7	9003856		Sleeve (2)		23	9003846		Screw (2)	
8	9003858		Spring (2)		24	9003824		Nozzle	
9	9003864		Valve (2)		25	9003842		Retaining Ring	
10	9004574	H-117	O-Ring, Pilot Valve (2)		26	9004604		O-Ring	
11	9003832		Nut, Pilot Valve (2)		27	9003828		Nut, Tip Tube	
12	9003854		Screw, Pilot Valve (2)		28	9004598	H-092	O-Ring	
13	9100666	H-062	Needle Valve Stem Assembly (2)		29	9003862		Tip Tube	
14	9003808		Body		30	1601950		Tip Assembly	
15	9003838	H-168	Plunger (2)			9003840		Plug Body (Not Shown)	

Harris

Models 36-2 and 36-3

Cutting Attachments

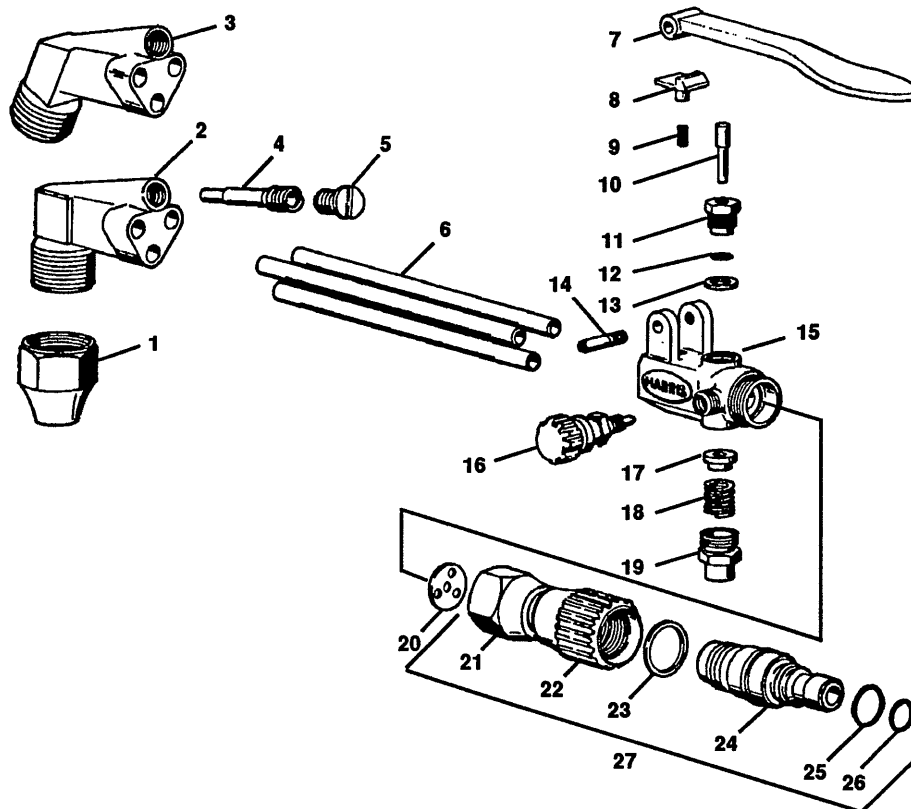


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	36-2		Cutting Attachment	A	11	9001536		Roll Pin	A thru D
	36-2N		Cutting Attachment	B	12	9001481		Body	A thru D
	36-3		Cutting Attachment	C	13	9004522	H-107	Needle Valve Stem O-Ring	A thru D
	36-3N		Cutting Attachment	D				(Included with Item #14)	
1	9008437	H-212	Tip Nut	A thru D	14	9100212	H-059	Needle Valve Stem Assembly	A thru D
2	9001503		Head	A thru D	15	9002098	H-020	Cutting Oxygen Valve	A thru D
3	9001508	H-090	Mixer	A, C	16	9002070	H-047	Cutting Oxygen Valve Spring	A thru D
	9100214		Mixer	B, D	17	9001996		Cutting Oxygen Valve Cap	A thru D
4	9001484		Cap	A, C	18	9001498	H-086	Gasket	A thru D
	9001490		Cap	B, D	19	9100211		Adaptor Body to Torch Assy.	A, B
5	9001576		Tube (3)	A thru D		9100215		Adaptor Body to Torch Assembly	C, D
6	9001506		Lever	A thru D					
7	9001540	H-091	Plunger	A thru D	20	9004503	H-229	Large O-Ring	A, B
8	9001550	H-335	Screw	A thru D		9004528	H-199	Large O-Ring	C, D
9	9004570	H-115	Plunger O-Ring	A thru D	21	9008169	H-099	Small O-Ring	A, B
10	9001556		Spring, Lever	A thru D		9004543	H-493	Small O-Ring	C, D

Harris

Models 49, 72 and 73

Cutting Attachments

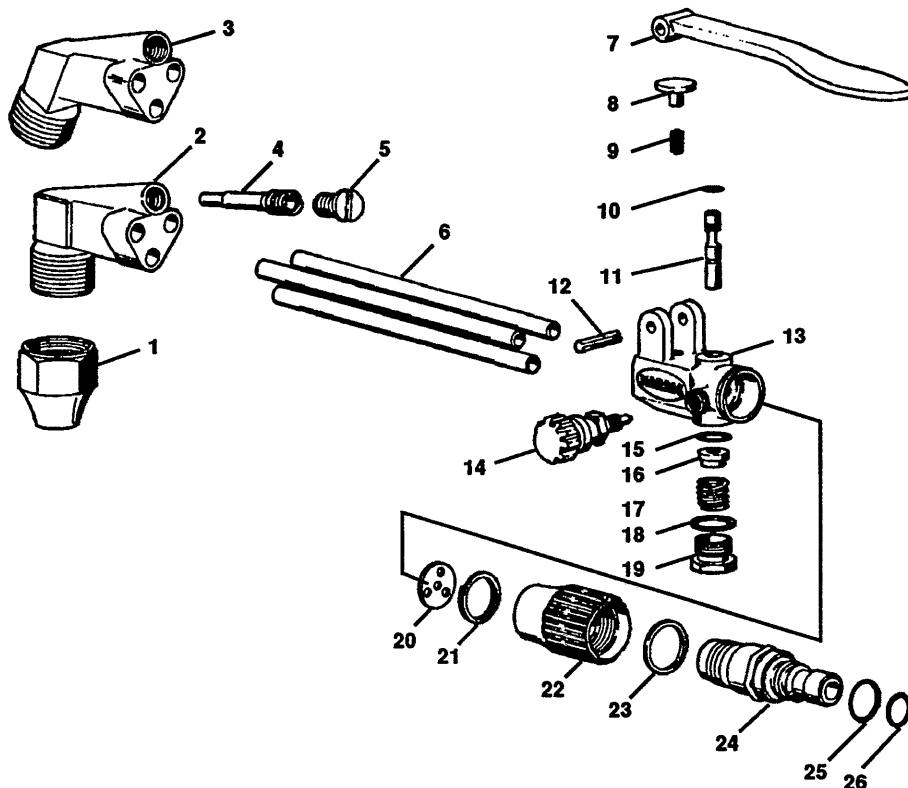


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
49			Cutting Attachment, L. P. Acetylene	A	7	9003548		Lever	A thru H
49A			Cutting Attachment, L. P. Acetylene	B	8	9003546	H-222	Latch	A thru H
49F			Cutting Attachment, Propane, Nat. Gas	C	9	9003564	H-224	Spring	A thru H
49-AF			Cutting Attachment, Propane, Nat. Gas	D	10	9003566		Plunger	A thru H
72			Cutting Attachment, E. P. Acetylene	E	11	9001966	H-216	Gland	A thru H
72A			Cutting Attachment, E. P. Acetylene	F	12	9004578	H-119	Plunger O-Ring	A thru H
73			Cutting Attachment, E. P. Acetylene	G	13	9001964	H-137	Gasket	A thru H
73A			Cutting Attachment, E. P. Acetylene	H	14	9003562	H-223	Lever Screw	A thru H
1	9002560		Tip Nut	A thru H	15	9003138	H-291	Body	A thru H
2	9003540	H-372	Head, 90 Degree	A, C	16	9100278	H-106	Needle Valve Stem Assembly	A thru H
	9003146	H-344	Head, 90 Degree	E, G	17	9002454	H-011	H. P. Oxygen Valve	A thru H
3	9003544		Head, 70 Degree	B, D	18	9002462	H-142	H. P. Oxygen Spring	A thru H
	9003150		Head 70 Degree	F, H	19	9008466		H. P. Oxygen Cap	A thru H
4	9100604	H-270	Injector	C, D	20	9003536	H-056	Gasket	A thru H
	9100602	H-044	Injector	A, B	21	9003554	H-246	Union Nut	A thru H
	9003152	H-148	Mixer	E thru H	22	9001840	H-245	Torch Nut	A-D, G, H
5	9003528	H-232	Mixer Cap	A, B		9003674	H-373	Torch Nut	E, F
	9003532	H-272	Mixer Cap	C, D	23	9001868	H-136	Washer	A-D, G, H
	9003140	H-147	Mixer Cap	E thru H		9003682	H-159	Washer	E, F
6	9003566		Tube (3)	A thru H	24	9001972		Stem	A-D, G, H
						9003154		Stem	E, F
					25	9004598	H-092	O-Ring, Large	A-D, G, H
						9008359	H-097	O-Ring, Large	E, F
					26	9008470	H-040	O-Ring, Small	A-D, G, H
						9004490	H-095	O-Ring Small	E, F
					27	9100358		Adaptor	A-D, G, H
						9100526	H-269	Adaptor	E, F

Harris

Models 49-2, 72-2 and 73-2

Cutting Attachments

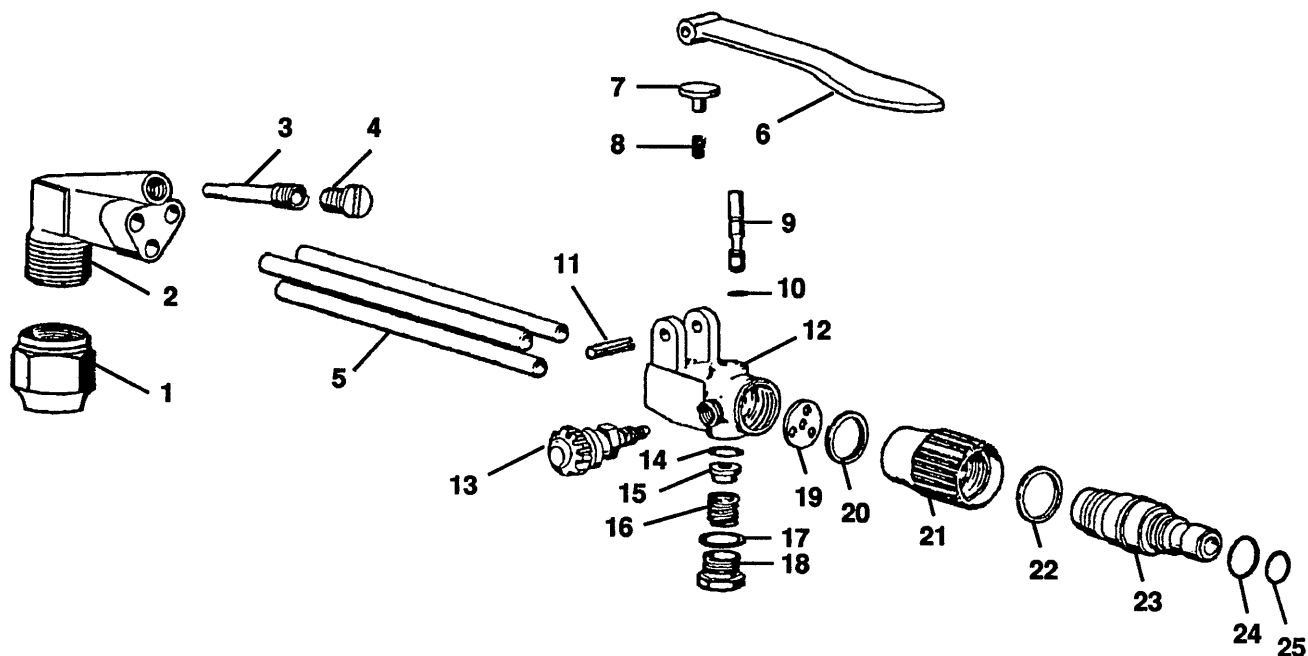


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
49-2			Cutting Attachment, L.P. Acetylene	A	6	9003566		Tube (3)	A thru H
49-2A			Cutting Attachment, L.P. Acetylene	B	7	9007302	H-446	Lever, Cutting Oxygen Valve	A thru H
49-2F			Cutting Attachment, Propane, Nat. Gas	C	8	9008463	H-513	Button	A thru H
49-2AF			Cutting Attachment, Propane, Nat. Gas	D	9	9003564	H-224	Spring	A thru H
72-2			Cutting Attachment, E. P. Acetylene	E	10	9008365	H-447	Plunger O-Ring	A thru H
72-2A			Cutting Attachment, E. P. Acetylene	F	11	9007204	H-448	Plunger	A thru H
73-2			Cutting Attachment, E. P. Acetylene	G	12	9000537		Lever Roll Pin	A thru H
73-2A			Cutting Attachment, E. P. Acetylene	H	13	9007300		Body	A thru H
1	9002560		Tip Nut	A thru H	14	9100278	H-106	Needle Valve Stem Assembly	A thru H
2	9003944	H-171	Head, 70 Degree	B, D	15	9007209	H-436	Valve O-Ring	A thru H
	9003150		Head, 70 Degree	F, H	16	9007202	H-455	Disc	A thru H
3	9003540	H-372	Head, 90 Degree	A, C	17	9007208	H-437	Spring	A thru H
	9003146	H-344	Head, 90 Degree	E, G	18	9007211	H-438	Gasket	A thru H
4	9100604	H-270	Nozzle	C, D	19	9007206	H-439	Cap	A thru H
	9100602	H-044	Nozzle	A, B	20	9003536	H-056	Gasket	A thru H
	9003152	H-148	Nozzle	E thru H	21	9007205	H-449	Retaining Ring	A thru H
5	9003528	H-232	Nozzle Cap	A, B	22	9007304		Torch Nut	A-D, G, H
	9003532	H-272	Nozzle Cap	C, D		9007214	H-450	Torch Nut	E, F
	9003140	H-147	Nozzle Cap	E thru H	23	9007221	H-451	Washer	A thru H
					24	9007222	H-452	Stem	A-D, G, H
						9007215	H-434	Stem	E, F
					25	9004598	H-092	O-Ring, Large	A-D, G, H
						9008359	H-097	O-Ring, Large	E, F
					26	9008470	H-040	O-Ring, Small	A-D, G, H
						9004490	H-095	O-Ring, Small	E, F

Harris

Model V-CA1060

V-Series Cutting Attachment

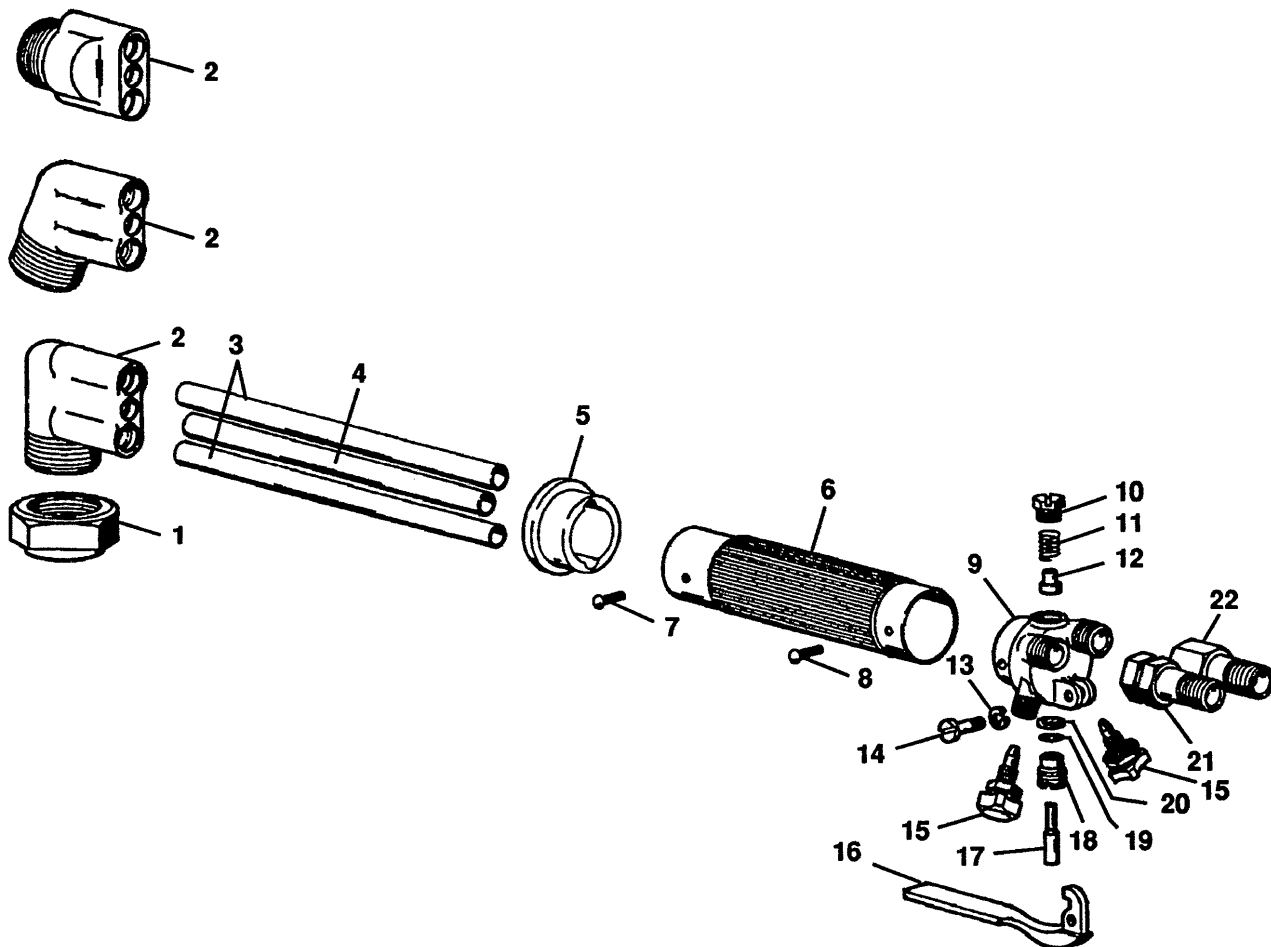


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	V-CA1060		Cutting Attachment		13	9115204		Needle Valve Stem Assembly	
1	9015236		Tip Nut		14	9007209	H-436	Valve O-Ring	
2	9015216		Head, 90 Degree		15	9007202	H-455	Disc	
3	9003152	H-148	Nozzle		16	9007208	H-437	Spring	
4	9003140	H-147	Nozzle Chamber Cap		17	9007211	H-438	Gasket	
5	9003566		Tubes (3)		18	9007206	H-439	Cap	
6	9015214		Lever, Cutting Oxygen Valve		19	9003536	H-056	Gasket	
7	9008463	H-513	Button		20	9007205	H-449	Retaining Ring	
8	9003564	H-224	Spring		21	9115210		Torch Nut	
9	9007204	H-448	Plunger		22	9007221	H-451	Washer	
10	9008365	H-447	Plunger O-Ring		23	9015212		Connector Stem	
11	9000537		Lever Roll Pin		24	9004598	H-092	Large O-Ring	
12	9017213		Body		25	9004594		Small O-Ring	

Harris

Model 28

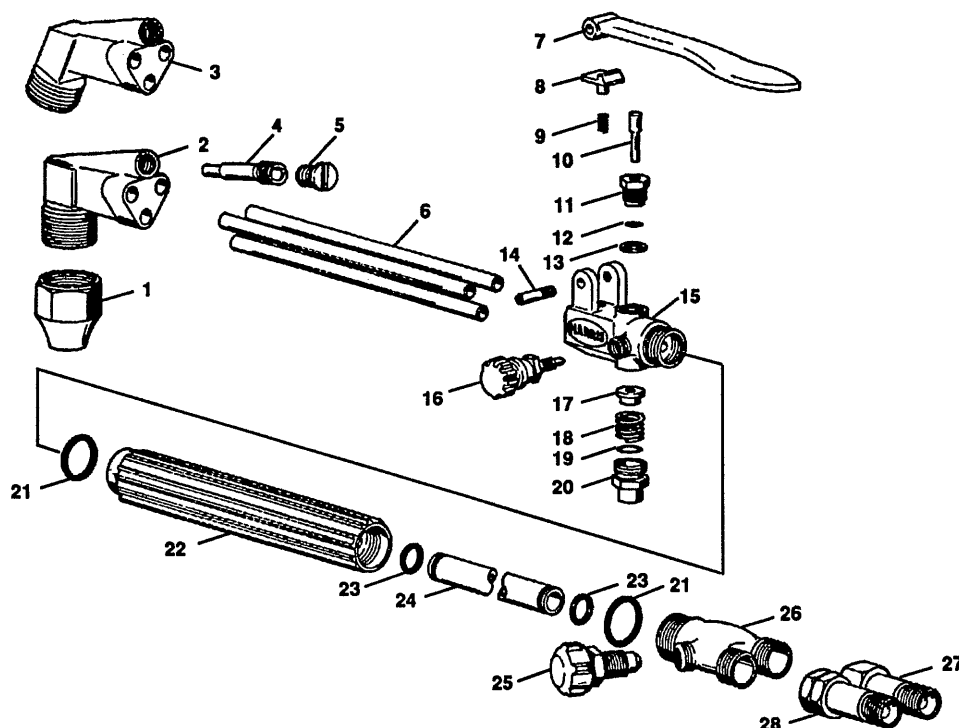
Hand Cutting Torch



REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	28-L1		Hand Cutting Torch	A	10	9003290		H. P. Valve Cap	A, B, C
	28-AL1		Hand Cutting Torch	B	11	9003206		H. P. Valve Spring	A, B, C
	28-BL1		Hand Cutting Torch	C	12	9100538	H-008	H. P. Valve Assembly	A, B, C
1	9001284	H-080	Tip Nut	A, B, C	13	9003360	H-185	Lever Screw Lockwasher	A, B, C
2	9001278		Head, 90 Degree	A	14	9003342	H-158	Lever Screw	A, B, C
	9001276		Head, 70 Degree	B	15	9101150	H-060	Needle Valve Stem Assembly (2)	A, B, C
	9001291		Head, 180 Degree	C					
3	9003346		Large Tube (2)	A, B, C	16	9100540	H-076	Lever	A, B, C
4	9003347		Small Tube	A, B, C	17	9003332		H. P. Valve Plunger	A, B, C
5	9001266		Handle Cap	A, B, C	18	9003344	H-366	H. P. Valve Screw	A, B, C
6	9003298		Handle Casing	A, B, C	19	9004546	H-118	O-Ring, Plunger Seal	A, B, C
7	9001298	H-391	Handle Screw (2)	A, B, C	20	9003294		Gasket	A, B, C
8	9000392	H-311	Handle Cap Drive Screw (2)	A, B, C	21	4300061	CVL-001	Check Valve, L. H.	A, B, C
9	9003348		Tail	A, B, C	22	4300062	CVR-002	Check Valve, R. H.	A, B, C

Harris

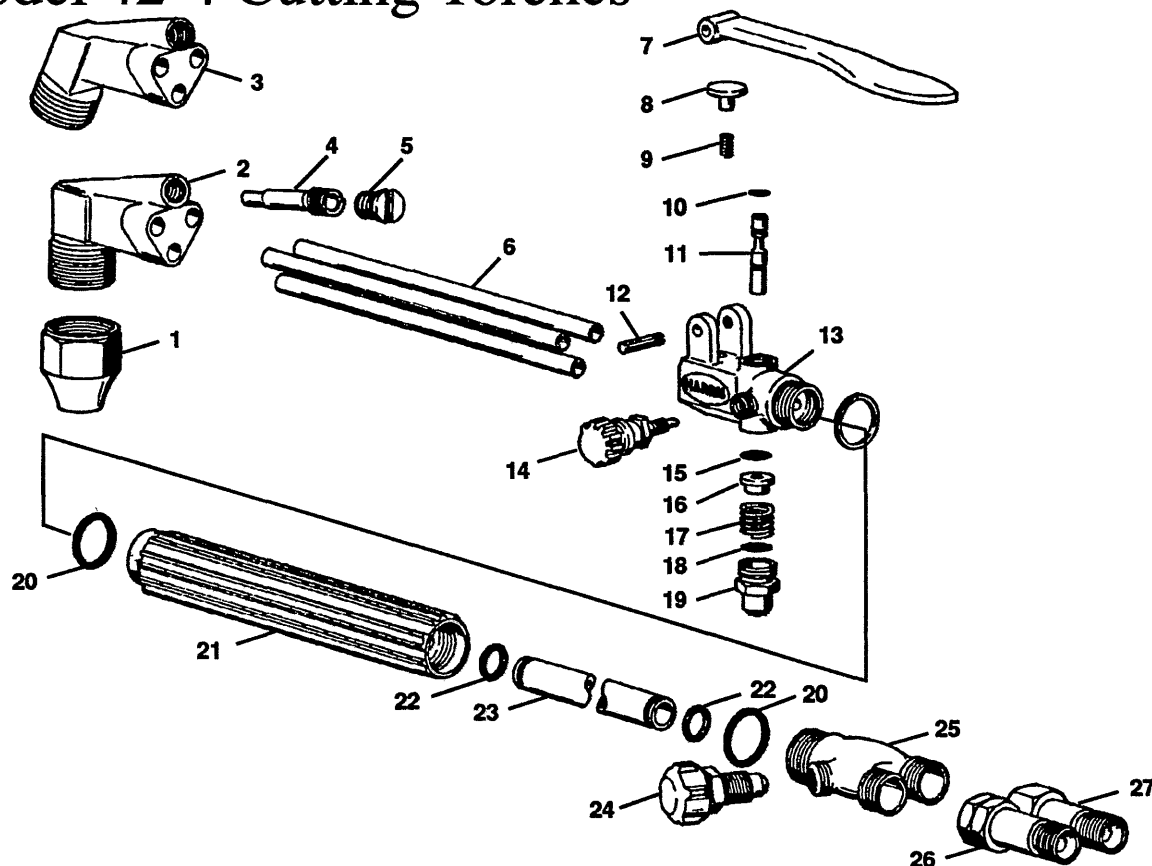
Model 42-3 Cutting Torches



REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
42-3			Cutting Torch, L. P. Acetylene	A	9003532		H-272	Mixer Chamber Cap	J, K, L, M
42-3L			Cutting Torch, L. P. Acetylene	B	6 9001762			Gas Tube (3)	A, C, E, G, J, L
42-3A			Cutting Torch, L. P. Acetylene	C	9001768			Gas Tube (3)	B, D, F, H, K, L
42-3AL			Cutting Torch, L. P. Acetylene	D	7 9003548			Lever	A thru M
42-3E			Cutting Torch, E. P. Acetylene	E	8 9003546		H-222	Lever Lock	A thru M
42-3EL			Cutting Torch, E. P. Acetylene	F	9 9003564		H-224	Lever Latch Spring	A thru M
42-3AE			Cutting Torch, E. P. Acetylene	G	10 9003560		H-030	Plunger	A thru M
42-3AEL			Cutting Torch, E. P. Acetylene	H	11 9001966		H-216	H. P. Oxygen Valve Packing Gland	A thru M
42-3F			Cutting Torch, Propane, Nat. Gas	J	12 9004578		H-119	Plunger O-Ring, Cutting Oxygen	A thru M
42-3FL			Cutting Torch, Propane, Nat. Gas	K	13 9001964		H-137	H. P. Oxygen Valve Gasket	A thru M
42-3AF			Cutting Torch, Propane, Nat. Gas	L	14 9003562		H-223	Screw Lever Body	A thru M
42-3AFL			Cutting Torch, Propane, Nat. Gas	M	15 9001749			P. H. Oxygen Needle Valve Stem Assembly	A thru M
1 9002560			Tip Nut	A thru M	16 9100279			H. P. Oxygen Valve	A thru M
2 9003544			Head, 70 Degree	C, D, L, M	17 9002454		H-011	H. P. Oxygen Valve Spring	A thru M
9003150			Head, 70 Degree	G, H	18 9002462		H-142	O-Ring, Valve Chamber Cap	A thru M
3 9003540	H-372		Head, 90 Degree	A, B, J, K	19 9004598		H-092	Cap, Oxygen Valve Chamber	A thru M
9003146	H-344		Head, 90 Degree	E, F	20 9001750		H-135	O-Ring, Handle (2)	A thru M
4 9100604	H-270		Injector, (Prop., Nat. Gas)	J, K, L, M	21 9004562		H-098	Handle Casing	A thru M
9100602	H-044		Injector, (Acety.)	A, B, C, D	22 9001756			O-Ring, Inner Tube (2)	A thru M
9003152	H-148		Mixer, (E. P. Acety.)	E, F, G, H	23 9004608		H-110	Tube, Oxygen	A thru M
5 9003528	H-232		Mixer Chamber Cap	A, B, C, D	24 9001769			Needle Valve Stem Assy.	A thru M
9003140	H-147		Mixer Chamber Cap	E, F, G, H	25 9101140			Tail	A thru M
					26 9001761			Reverse Flow Check Valve, R. H.	A thru M
					27 4300062		CVR-002	Reverse Flow Check Valve, L. H.	A thru M
					28 4300061		CVL-001		

Harris

Model 42-4 Cutting Torches

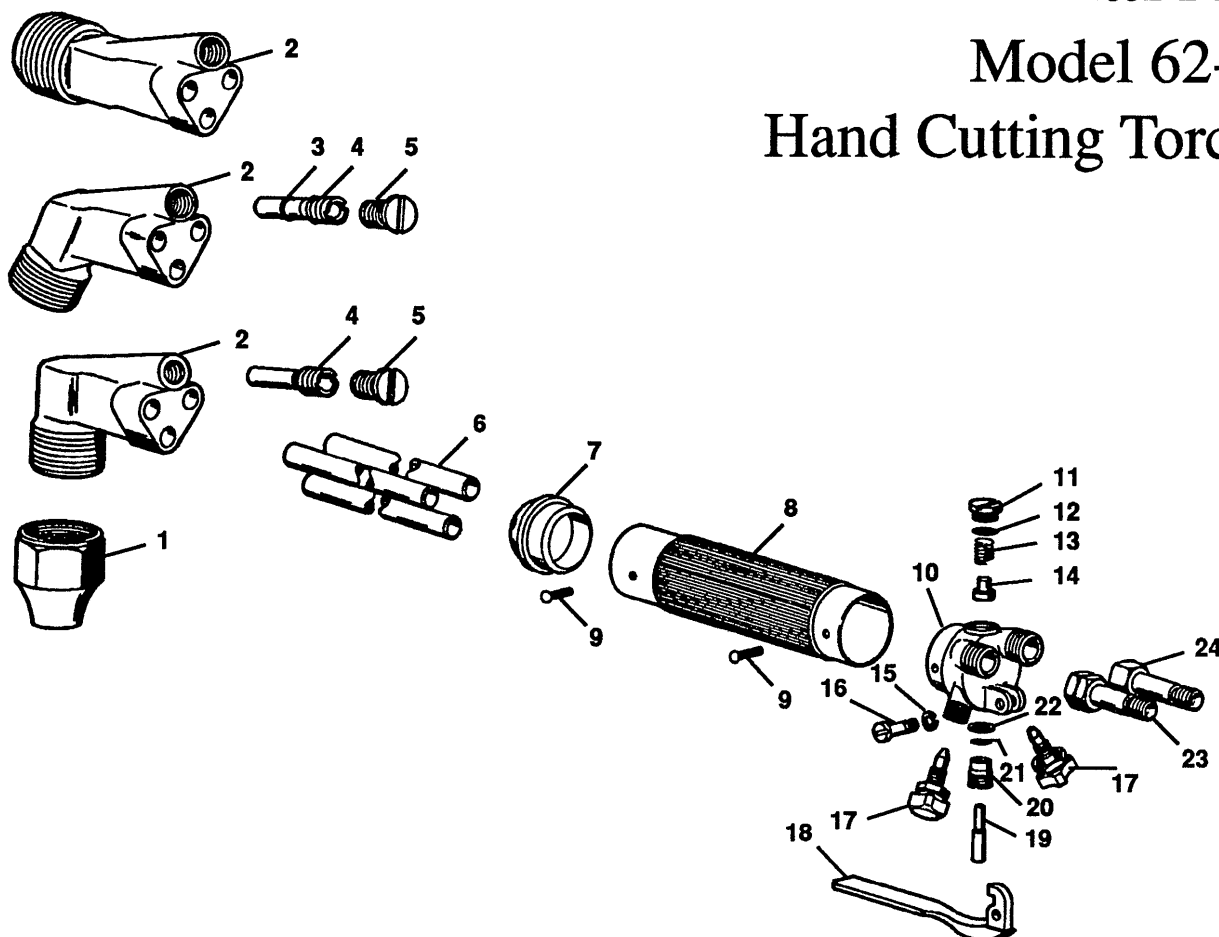


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
42-4			Cutting Torch, L. P. Acetylene	A	6	9001762		Gas Tube (3)	A-C, E, G, J
42-4A			Cutting Torch, L. P. Acetylene	B	7	9001768		Gas Tube (3)	D, F, H, K
42-4E			Cutting Torch, E. P. Acetylene	C	8	9007302	H-446	Lever	A thru K
42-4EL			Cutting Torch, E. P. Acetylene	D	9	9008463	H-513	Button	A thru K
42-4AE			Cutting Torch, E. P. Acetylene	E	10	9003564	H-224	Spring, Lever	A thru K
42-4AEL			Cutting Torch, E. P. Acetylene	F	11	9008365	H-447	Plunger O-Ring, Cutting Oxygen	A thru K
42-4F			Cutting Torch, Prop., Nat. Gas	G	12	9007204	H-448	Plunger	A thru K
42-4FL			Cutting Torch, Prop., Nat. Gas	H	13	9000537		Roll Pin, Lever	A thru K
42-4AF			Cutting Torch, Prop., Nat. Gas	J	14	9001775		Body	A thru K
42-4AFL			Cutting Torch, Prop., Nat. Gas	K	15	9100279		H. P. Oxygen Needle	A thru K
1	9002560		Tip Nut	A thru K	16	9007209	H-436	Valve Stem Assembly	A thru K
2	9003544		Head, 70 Degree	B, J, K	17	9007202	H-455	Valve O-Ring	A thru K
3	9003150		Head, 70 Degree	E, F	18	9007208	H-437	Disc	A thru K
3	9003540	H-372	Head, 90 Degree	A, G, H	19	9007211	H-438	Spring, Cutting Oxygen Valve	A thru K
3	9003146	H-344	Head, 90 Degree	C, D	20	9007206	H-439	Gasket	A thru K
4	9100604	H-270	Injector	G, H, J, K	21	9004562	H-098	Cap, Oxygen Valve Chamber	A thru K
4	9100602	H-044	Injector	A, B	22	9001756		O-Ring, Handle (2)	A thru K
4	9003152	H-148	Mixer	C-E, F	23	9004608	H-110	Handle Casing	A thru K
5	9003528	H-232	Mixer Chamber Cap	A, B	24	9001769		O-Ring, Inner Tube (2)	A thru K
5	9003140	H-147	Mixer Chamber Cap	C, D, E, F	25	9101140		Tube, Oxygen	A thru K
5	9003532	H-272	Mixer Chamber Cap	G, H, J, K	26	9001761		Needle Valve Stem Assembly	A thru K
					27	4300062	CVR-002	Tail	A thru K
						4300061	CVL-001	Reverse Flow Check Valve, R. H.	A thru K
								Reverse Flow Check Valve, L. H.	A thru K

Harris

Model 62-3

Hand Cutting Torch

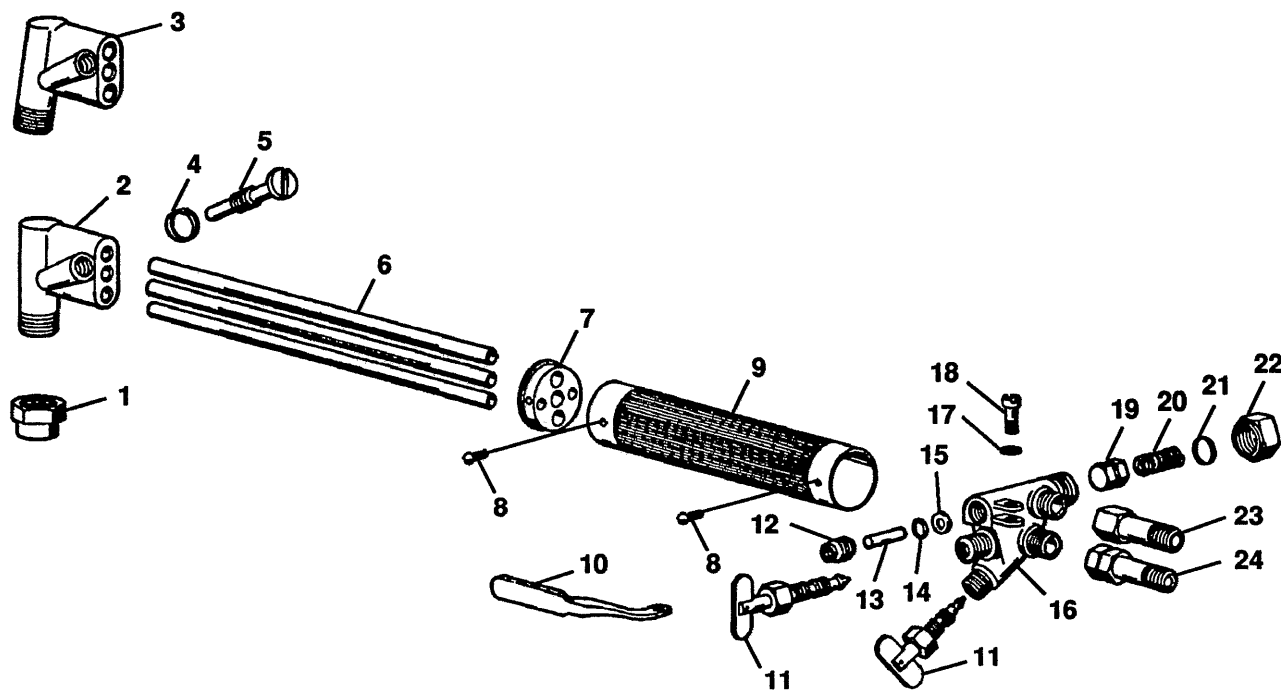


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
62-3			Hand Cutting Torch	A	9003350			Tube (3)	D, F, H, M, O, Q
62-3A			Hand Cutting Torch	B				Tube (3)	G, P
62-3AE			Hand Cutting Torch	C	9002864			Handle Cap	A thru Q
62-3AEL			Hand Cutting Torch	D	7 9002482			Handle Casing	A-F, H, J-O, Q
62-3AF			Hand Cutting Torch	E	8 9002496			Handle Casing	G, P
62-3AFL			Hand Cutting Torch	F				Handle Drive Screw (6)	A thru Q
62-3AFL-36			Hand Cutting Torch	G	9002501			Tail	A, B, E-H, J, K, N-Q
62-3AL			Hand Cutting Torch	H	9 9000392			Tail	C, D, L, M
62-3B			Hand Cutting Torch	J	10 9002578			H. P. Valve Cap	A thru Q
62-3BF			Hand Cutting Torch	K				H. P. Valve O-Ring	A thru Q
62-3E			Hand Cutting Torch	L	9002580			H. P. Valve Spring	A thru Q
62-3EL			Hand Cutting Torch	M	11 9002472			H. P. Valve Seat	A thru Q
62-3F			Hand Cutting Torch	N	12 9004612			Lock Washer	A thru Q
62-3FI			Hand Cutting Torch	O	13 9002564			H. P. Valve Lever Screw	A thru Q
62-3FL-36			Hand Cutting Torch	P	14 9100507			Needle Valve Stem	A thru Q
62-3L			Hand Cutting Torch	Q	15 9003360			Assembly (2)	A thru Q
1 9002536			Tip Nut	A thru Q	16 9003342			H. P. Valve Lever Assy.	A thru Q
2 9002504			Head, 90 Degree	A, N-Q	17 9101150			H. P. Valve Plunger	A thru Q
9002508			Head, 70 Degree	B thru H				H. P. Plunger Screw	A thru Q
9002512			Head, 180 Degree	J, K	18 9100515			H. P. Plunger O-Ring	A thru Q
9002518			Head, 90 Degree	L, M	19 9002548			Gasket	A thru Q
3 9004550			Mixer O-Ring	C, D, L, M	20 9002562			Check Valve, L. H.	A thru Q
4 9100508			Mixer/Injector	A, B, H, J, Q	21 9004574			Check Valve, R. H.	A thru Q
9002528			Mixer/Injector	C, D, L, M	22 9002486				
9100510			Mixer/Injector	E-G, K, N-P	23 4300061				
5 9002476			Cap	A, B, H, J, Q	24 4300062				
9003530			Cap	C, D, L, M					
9002478			Cap	E-G, K, N-P					
6 9002852			Tube (3)	A-C, E, J-L, N					

Harris

Model 75

Hand Cutting Torch

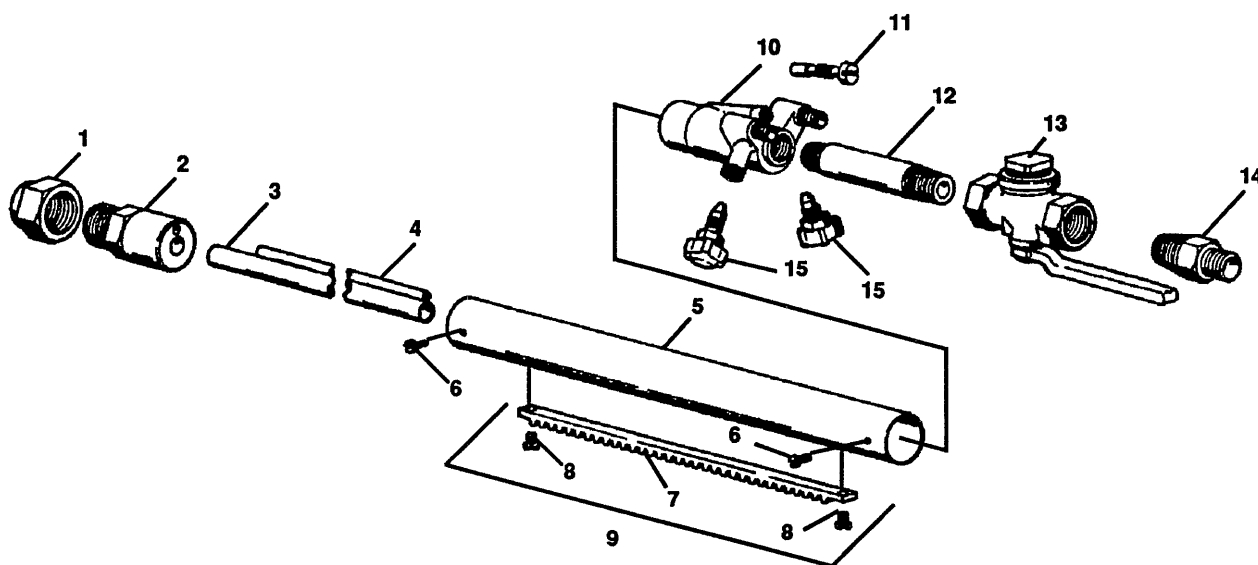


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
75			Hand Cutting Torch	A	12	9002171		Screw	A, B
75-A			Hand Cutting Torch	B	13	9003266	H-153	Plunger	A, B
1	9003184	H-081	Tip Nut	A, B	14	9004546	H-118	Plunger "O" Ring	A, B
2	9003176		Head, 90 Degree	A	15	9001965		Gasket	A, B
3	9003172	H-292	Head, 80 Degree	B	16	9003273		Tail	A, B
4	9003170	H-026	Mixer Gasket	A, B	17	9003360	H-185	Lever Screw Lockwasher	A, B
5	9003182		Mixer	A, B	18	9003342	H-158	H. P. Valve Lever Screw	A, B
6	9003274		Gas Tube (3)	A, B	19	9100530	H-010	H. P. Valve Assembly	A, B
7	9003252		Handle Front Cap	A, B	20	9003206		H. P. Valve Spring	A, B
8	9003198		Handle Casing Screws (4)	A, B	21	9003254		Fiber Disc (Under Cap 9003250)	A, B
9	9003264		Handle Casing	A, B	22	9003250		H. P. Valve Cap	A, B
10	9100532		H. P. Valve Lever Assembly	A, B	23	4301062		Check Valve, R. H.	A, B
11	9101154	H-061	Needle Valve Stem Assembly (2)	A, B	24	4301061		Check Valve, L. H.	A, B

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Model 80

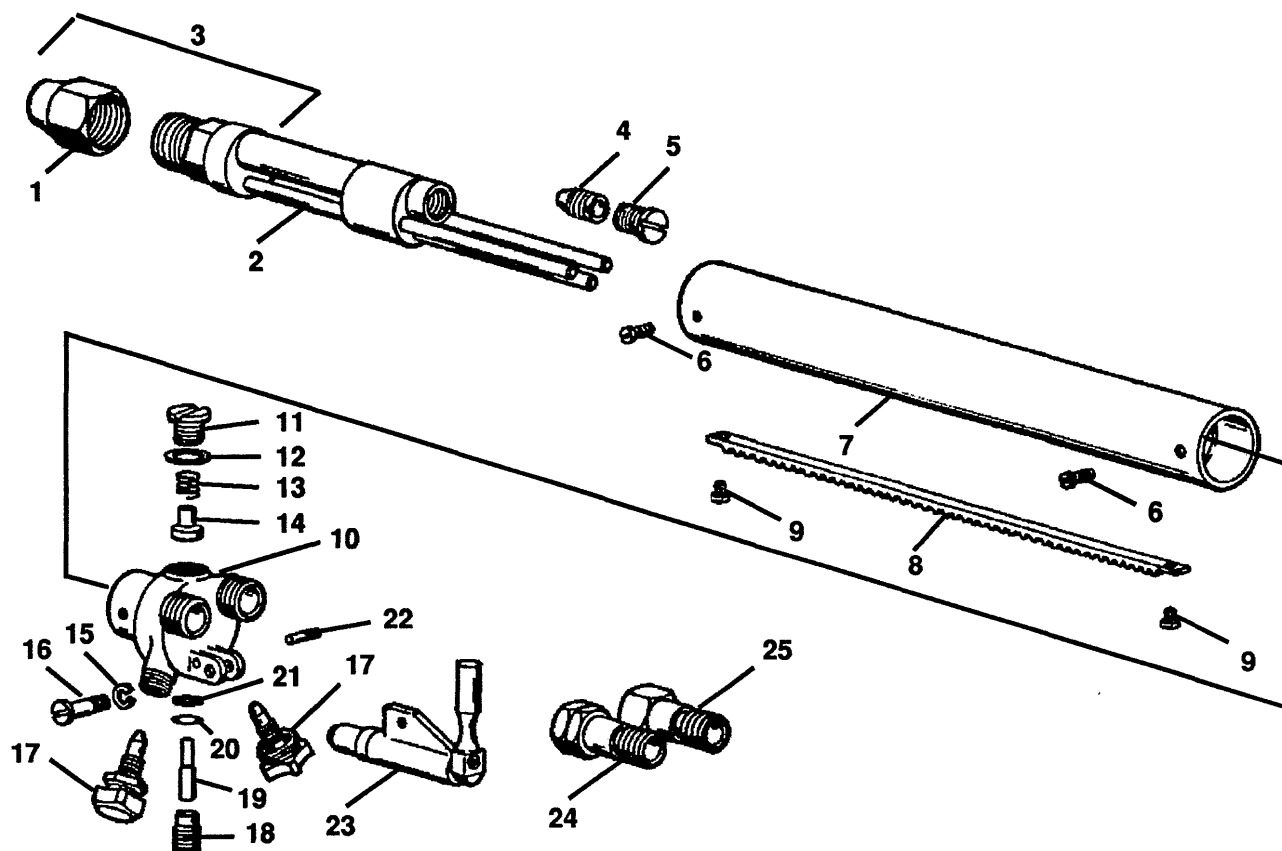
Machine Cutting Torch



REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	80		Machine Cutting Torch	A	13	1200040		H. P. Valve Assembly	A, B
	80-R		Machine Cutting Torch	B	14	9000204		Inlet Nipple - 7/8-14 R. H.	A, B
1	9003592		Tip Nut	A, B	15	9101150	H-060	Needle Valve Stem Assembly (2)	A, B
2	9003583		Head	A, B					
3	9003626		Oxygen Tube	A, B					
4	9003628		H. P. Tube	A, B					
5	9003580		Handle Casing	A, B					
6	9001298	H-391	Handle Casing Screw (6)	A, B					
7	9003578		Rack	A, B					
8	9004356	H-379	Rack Screws (2)	A, B					
9	9003584		Rack Repair Kit (Items 7 & 8)	A, B					
10	9003602		Tail	A, B					
11	9003586		Mixer	A, B					
12	9003590		Nipple	A, B					

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Model 98-2 Machine Cutting Torch 2-Hose

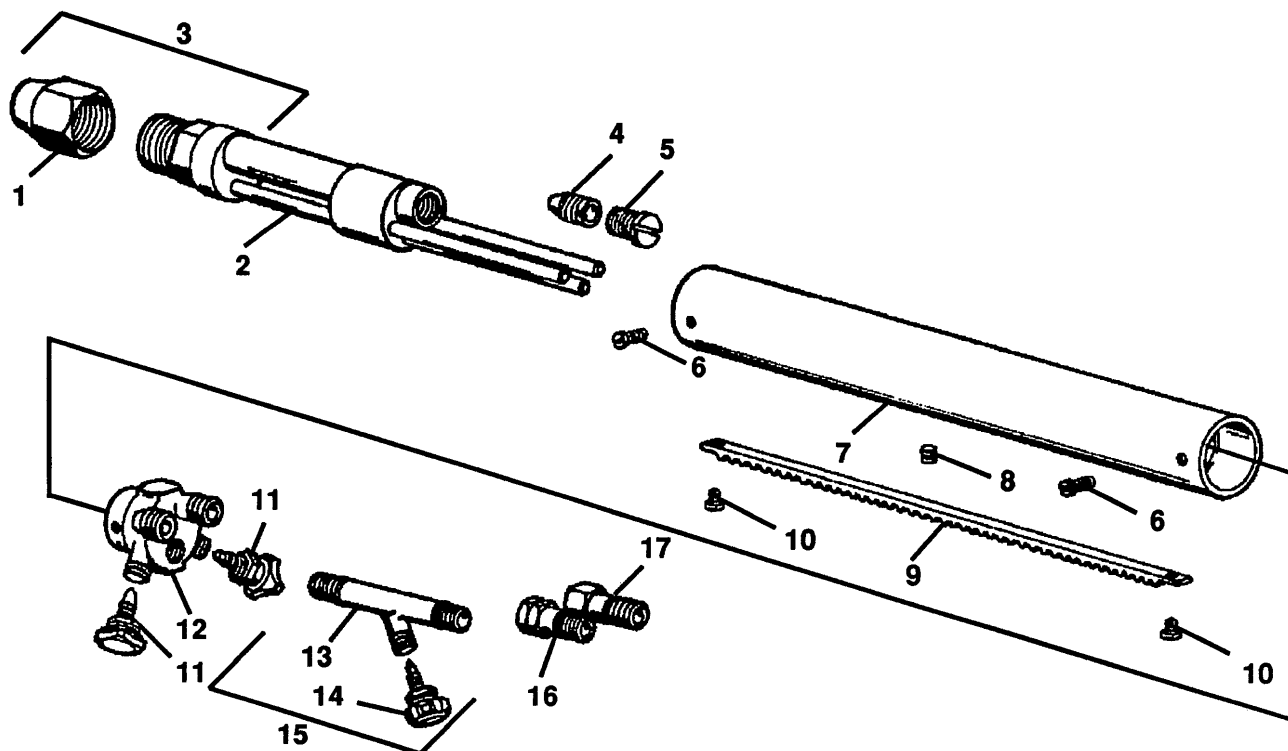


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
98-2			Machine Cutting Torch/ 2 Hose	A				Specify when ordering (for "R" models only)	
98-2R			Machine Cutting Torch/ 2 Hose	B				32 Pitch (Standard) - 10.12 teeth/inch	
98-2E			Machine Cutting Torch/ 2 Hose	C	9	9004356	H-379	Rack Screw (2)	A thru F
98-2ER			Machine Cutting Torch/ 2 Hose	D	10	9004360		Tail	A, B, E, F
98-2F			Machine Cutting Torch/ 2 Hose	E		9004382		Tail	C, D
98-2FR			Machine Cutting Torch/ 2 Hose	F	11	9002472	H-143	Valve Cap	A thru F
1	9002536	H-082.1	Tip Nut	A thru F	12	9004612	H-111	O-Ring	A thru F
2	9209837		Head & Tube Assembly	A, B, E, F	13	9002564	H-146	Valve Spring	A thru F
	9209838		Head & Tube Assembly	C, D	14	9100506		Valve	A thru F
3	9004336	H-251	Head & Tip Nut (Repair Assembly)	A thru F	15	9003360	H-185	Washer	A thru F
4	9100508	H-233	Mixer	A, B	16	9003342	H-158	Valve Screw Assembly	A thru F
	9002528		Mixer	C, D	17	9101150	H-060	Needle Valve Stem Assembly (2)	A thru F
	9100510	H-234	Mixer	E, F	18	9002562	H-220	Plunger Cap	A thru F
5	9002476	H-235	Mixer Cap	A, B	19	9002548	H-145	Plunger	A thru F
	9003530	H-491	Mixer Cap	C, D	20	9004574	H-117	O-Ring	A thru F
	9002478	H-241	Mixer Cap	E, F	21	9002486	H-144	Gasket	A thru F
6	9001298	H-391	Handle Casing Screw (4)	A thru F	22	9004274		Pin	A thru F
7	9004328		Handle Casing	A thru F	23	9100824		Valve Assembly	A thru F
8	9004313		24 Pitch Rack	A thru F	24	4300061	CVL-001	Reverse Flow Check Valve, L. H.	A thru F
	9004315	H-390	32 Pitch Rack	A thru F	25	4300062	CVR-002	Reverse Flow Check Valve, R. H.	A thru F

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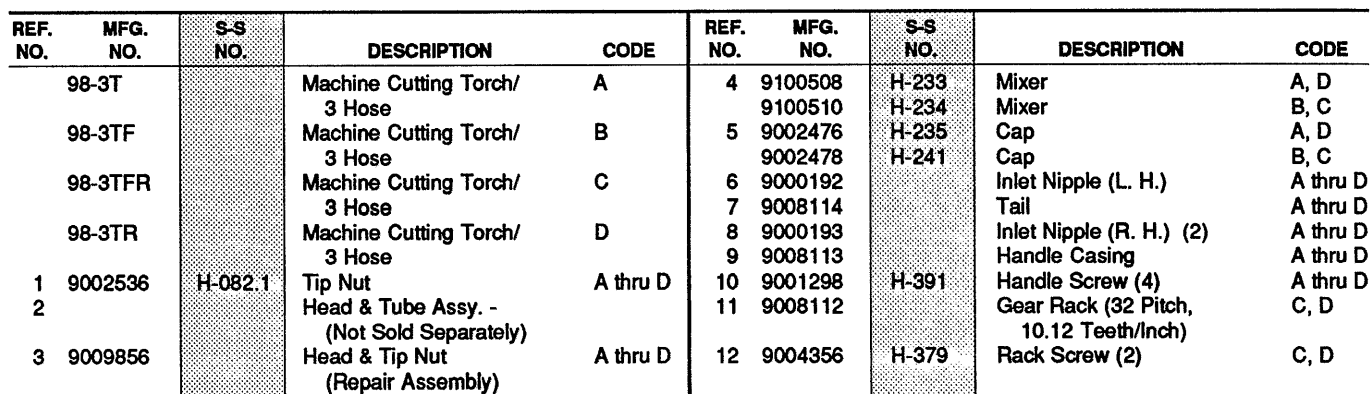
Model 98-2T

Machine Cutting Torch



REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	98-2T		Machine Cutting Torch	A		9004332		Handle Casing	G, H, J-M
	98-2TR		Machine Cutting Torch	B	* 8	9004358		Rack Screw	A thru M
	98-2TE		Machine Cutting Torch	C				(18" Torch Only)	
	98-2TER		Machine Cutting Torch	D	* 9	9004315	H-390	Rack, Standard	B, D, F
	98-2TF		Machine Cutting Torch	E		9009820	H-295	Rack, Standard	H, K, M
	98-2TFR		Machine Cutting Torch	F		9004313		Rack, Optional	B, D, F
	98-2TA		Machine Cutting Torch	G		9004317		Rack, Optional	H, K, M
	98-2TAR		Machine Cutting Torch	H	* 10	9004356	H-379	Rack Screws (2)	A thru M
	98-2TAE		Machine Cutting Torch	J	*			Specify When Ordering (For "R" Models Only)	
	98-2TAER		Machine Cutting Torch	K				32 Pitch (Standard) - 10.12 teeth/inch	
	98-2TAF		Machine Cutting Torch	L				24 Pitch (Optional) - 7.65 teeth/inch	
	98-2TAFR		Machine Cutting Torch	M				Needle Valve Stem Assembly (2)	A thru M
1	9002536	H-082.1	Tip Nut	A thru M	11	9101150	H-060	Tail	A, B, E-H, L, M
2	9209837		Head & Tube Assembly	A, B, E, F	12	9004362		Tail	B, C, J, K
	9209838		Head & Tube Assembly	B, C		9004384		Body	A thru M
	9209836		Head & Tube Assembly	G, H, L, M	13	9004286		Needle Valve Stem Assembly	A thru M
	9209839		Head & Tube Assembly	J, K	14	9101205		H. P. Control Valve	A thru M
3	9004336	H-251	Head & Tip Nut (Repair Assembly)	A thru M	15	9101297		Reverse Flow Check Valve, L. H.	A thru M
4	9100508	H-233	Mixer	A, B, G, H	16	4300061	CVL-001	Reverse Flow Check Valve, R. H.	A thru M
	9002528		Mixer	C, D, J, K					
	9100510	H-234	Mixer	E, F, L, M	17	4300062	CVR-002		
5	9002476	H-235	Mixer Cap	A, B, G, H					
	9003530	H-491	Mixer Cap	B, C, J, K					
	9002478	H-241	Mixer Cap	E, F, L, M					
6	9001298	H-391	Handle Casing Screw (4)	A thru M					
7	9004328		Handle Casing	A thru F					

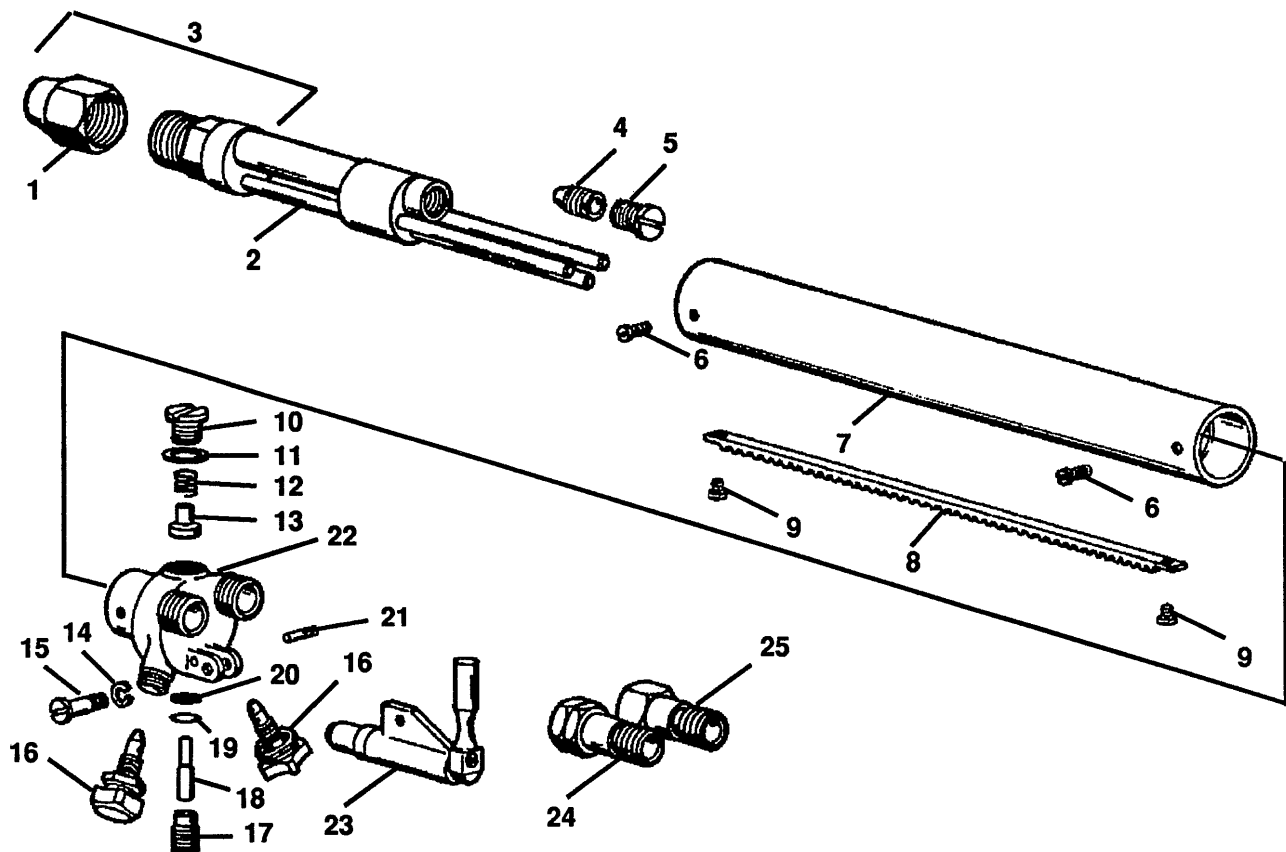
Machine Cutting Torch/3 Hose



Harris

Model 98-5

Machine Cutting Torch/2 Hose

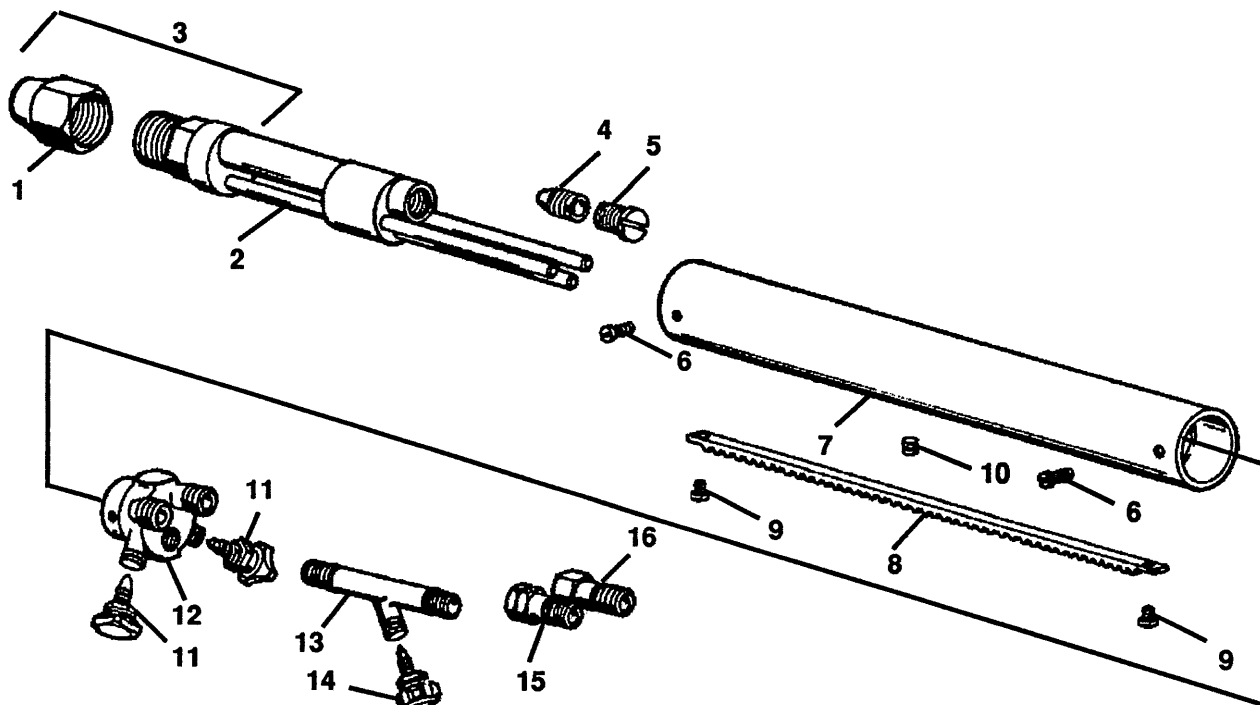


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
98-5			Machine Cutting Torch/ 2 Hose	A	* 9	9004356	H-379	Rack Screw (2)	C, E, F
98-5R			Machine Cutting Torch/ 2 Hose	B	*			Specify When Ordering (For "R" Model Only)	
98-5E			Machine Cutting Torch/ 2 Hose	C				32 Pitch (Standard) - 10-12 Teeth/ Inch	
98-5ER			Machine Cutting Torch/ 2 Hose	D	10	9002472	H-143	Valve Cap	A thru F
98-5F			Machine Cutting Torch/ 2 Hose	E	11	9004612	H-111	O-Ring	A thru F
98-5FR			Machine Cutting Torch/ 2 Hose	F	12	9002564	H-146	Valve Spring	A thru F
					13	9100507	H-273	H. P. Valve Seat	A thru F
					14	9003360	H-185	Washer	A thru F
					15	9003342	H-158	Screw	A thru F
					16	9101150	H-060	Needle Valve Stem Assembly (2)	A thru F
1	9002536	H-082.1	Tip Nut	A thru F	17	9002562	H-220	Plunger Screw	A thru F
2	9209800		Head & Tube Assembly	A, B, E, F	18	9002548	H-145	Plunger	A thru F
	9209802		Head & Tube Assembly	C, D	19	9004574	H-117	O-Ring	A thru F
3	9009856		Head & Tip Nut (Repair Assembly)	A thru F	20	9002486	H-144	Gasket	A thru F
4	9100508	H-233	Mixer	A, B	21	9009811		Pin	A thru F
	9002528		Mixer	C, D	22	9009815		Tail	A, B, E, F
	9100510	H-234	Mixer	E, F		9009813		Tail	C, D
5	9002476	H-235	Mixer Cap	A, B	23	9100824		H. P. Valve Assembly	A thru F
	9003530	H-491	Mixer Cap	C, D	24	4300061	CVL-001	Reverse Flow Check Valve, L. H.	A thru F
	9002478	H-241	Mixer Cap	E, F					
6	9001298	H-391	Handle Casing Screw (4)	A thru F	25	4300062	CVR-002	Reverse Flow Check Valve, R. H.	A thru F
7	9009800		Handle Casing	A thru F					
* 8	9004313		Rack, 24 Pitch	C, E, F					
	9004315	H-390	Rack, 32 Pitch	C, E, F					

Harris

Model 98-5T

Machine Cutting Torch/3 Hose

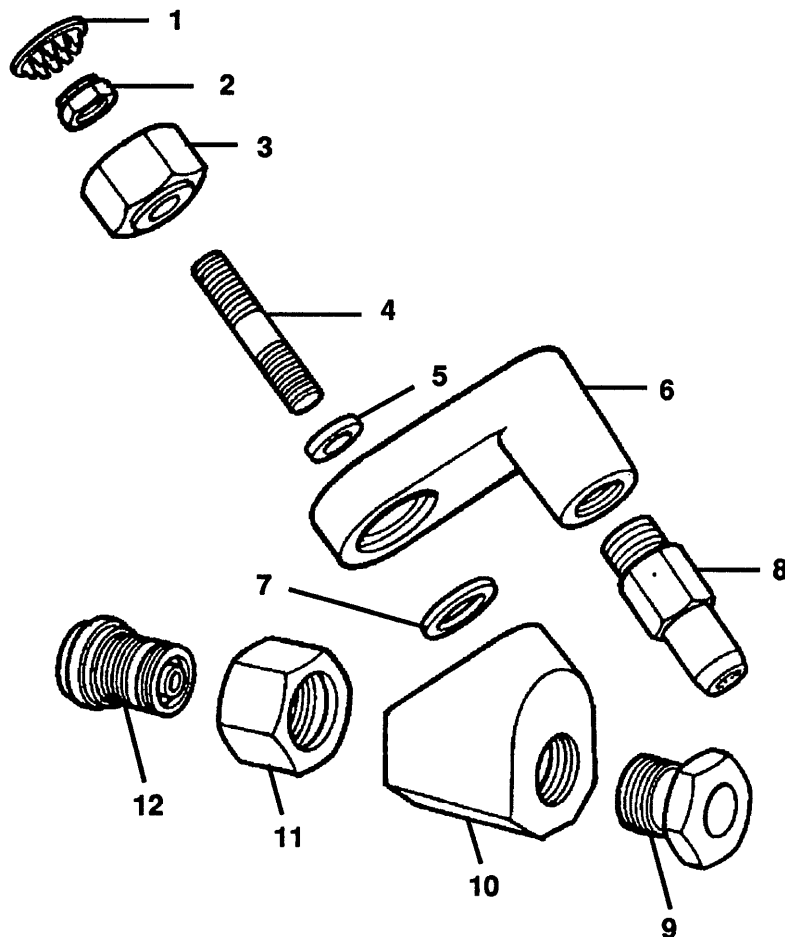


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
98-5T			Machine Cutting Torch/ 3 Hose	A	4	9100508	H-233	Mixer	A, B, G, H
98-5TR			Machine Cutting Torch/ 3 Hose	B		9002528		Mixer	C, D, J, K
98-5TE			Machine Cutting Torch/ 3 Hose	C	5	9100510	H-234	Mixer	E, F, L, M
98-5TER			Machine Cutting Torch/ 3 Hose	D		9002476	H-235	Mixer Cap	A, B, G, H
98-5TF			Machine Cutting Torch/ 3 Hose	E		9003530	H-491	Mixer Cap	C, D, J, K
98-5TFR			Machine Cutting Torch/ 3 Hose	F		9002478	H-241	Mixer Cap	E, F, L, M
98-5TA			Machine Cutting Torch/ 3 Hose	G	6	9001298	H-391	Handle Casing Screw (4)	A thru M
98-5TAR			Machine Cutting Torch/ 3 Hose	H	7	9009800		Handle Casing	A thru F
98-5TAE			Machine Cutting Torch/ 3 Hose	J		9009802		Handle Casing	G, H, J-M
98-5TAER			Machine Cutting Torch/ 3 Hose	K	* 8	9004315	H-390	Rack (Standard)	B, D, F
98-5TAF			Machine Cutting Torch/ 3 Hose	L		9004320		Rack (Standard)	H, K, M
98-5TAFR			Machine Cutting Torch/ 3 Hose	M		9004313		Rack (Optional)	B, D, F
1 9002536	H-082.1		Tip Nut	A thru M	* 9	9004317	H-379	Rack (Optional)	H, K, M
2 9209800			Head & Tube Assembly	A, B, E, F	* 10	9004356		Rack Screw (2)	A thru M
9209802			Head & Tube Assembly	C, D		9004358		Rack Screw	A thru M
9209801			Head & Tube Assembly	G, H, L, M				(18" Torch Only)	
9209803			Head & Tube Assembly	J, K				Specify Pitch (For "R" Model Only)	
3 9009856			Head & Tip Nut (Repair Assembly)	A thru M				32 Pitch (Standard) - 10.12 teeth/inch	
					11	9101150	H-060	24 Pitch (Optional) - 7.65 teeth/inch	
								Needle Valve Stem Assembly (2)	A thru M
					12	9009816		Tail	A, B, E-H, L, M
								Tail	C, D, J, K
					13	9004286		Valve Body	A thru M
					14	9101200		Needle Valve Assembly	A thru M
					15	4300061	CVL-001	Reverse Flow Check Valve, L. H.	A thru M
					16	4300062	CVR-002	Reverse Flow Check Valve, R. H.	A thru M

Harris

Model BV-98-2

Machine Cutting Torch Accessories

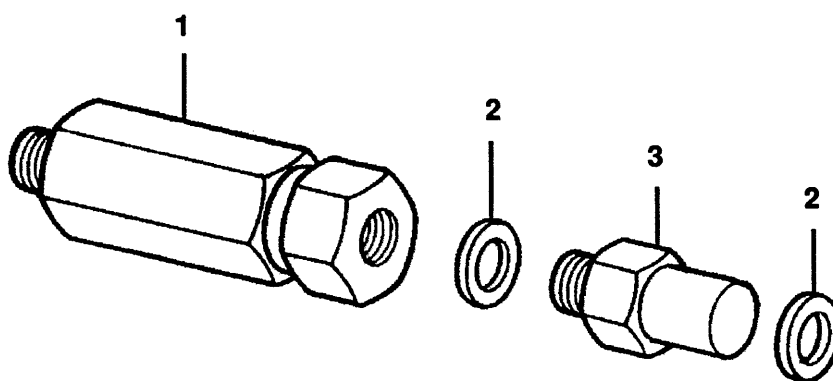


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	BV-98-2		Beveling Head		7	1800098		Heating Tip	
1	9008160		Cap		8	9004600	H-319	Large O-Ring	
2	9009877		Stop Nut		9	9009886		Stem	
3	9009850		Knob		10	9009862		Torch Nut	
4	9009887		Stud		11	9009845		Housing	
5	9004594		Small O-Ring		12	9009824		Tip Nut	
6	9009810		Body						

Harris

Model C-98-V

Machine Cutting Torch Accessories

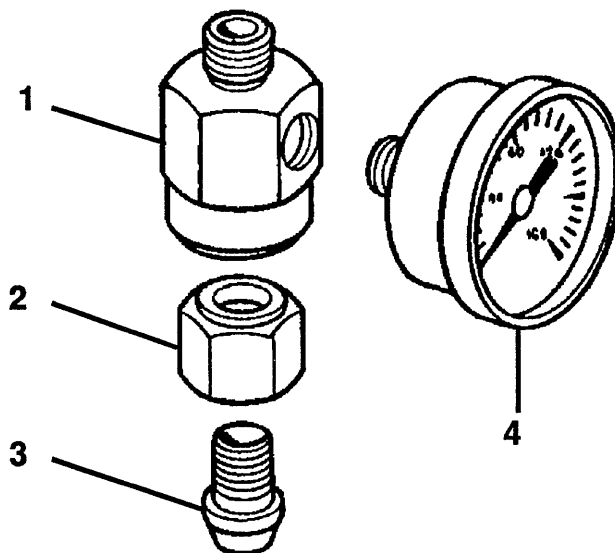


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	C-98-V		Back Check Valve						
1	9101122		Check Valve Body						
2	9004310		Gasket (2)						
3	9004288		Nipple						

Harris

Model MTG-98

Machine Cutting Torch Accessories

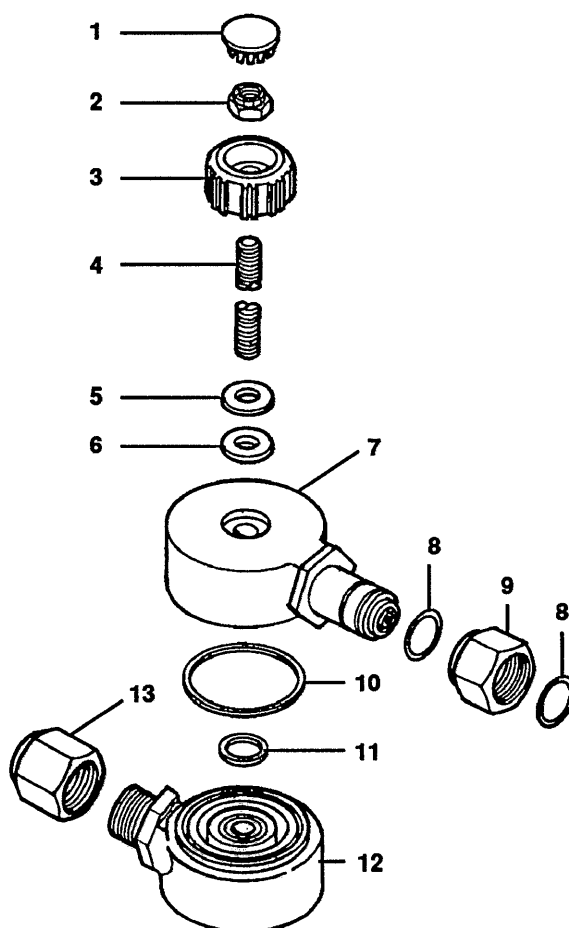


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	MTG-98		Machine Torch Gauge						
1	8808339		Body						
2	9000244		Nut 9/16-18 R. H.						
3	9001584		Stem						
4	9006079		Gauge, 2" 160 PSI						

Harris

Model S-98-C

Machine Cutting Torch Accessories

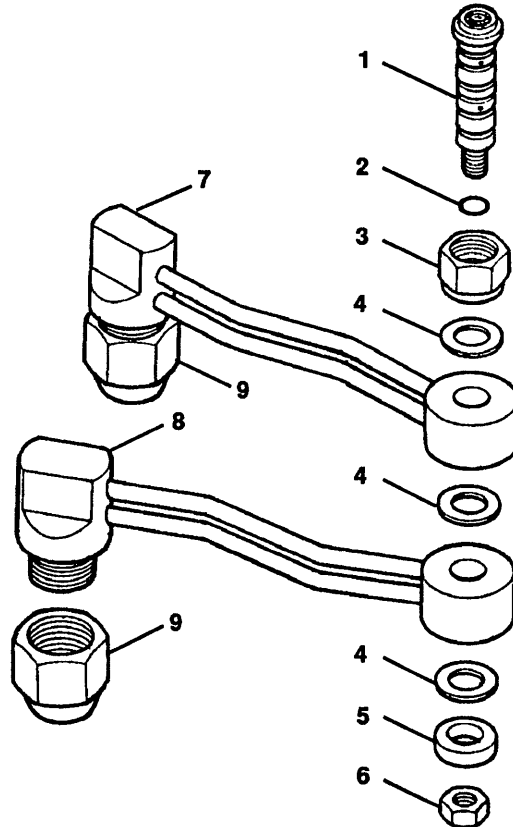


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	S-98-C		Adjustable Tip Adaptor		8	9004350		Retaining Ring (2)	
1	9008160		Cap		9	9004343		Torch Nut	
2	9008161		Locknut		10	9004607		Large O-Ring	
3	9008158		Knob		11	9004598	H-092	Small O-Ring	
4	9008159		Locking Screw		12	9004338		Head	
5	9008036		Flat Washer		13	9002536	H-082.1	Tip Nut	
6	9004393		Washer						
7	9004303		Body						

Harris

Model TH-98

Machine Cutting Torch Accessories

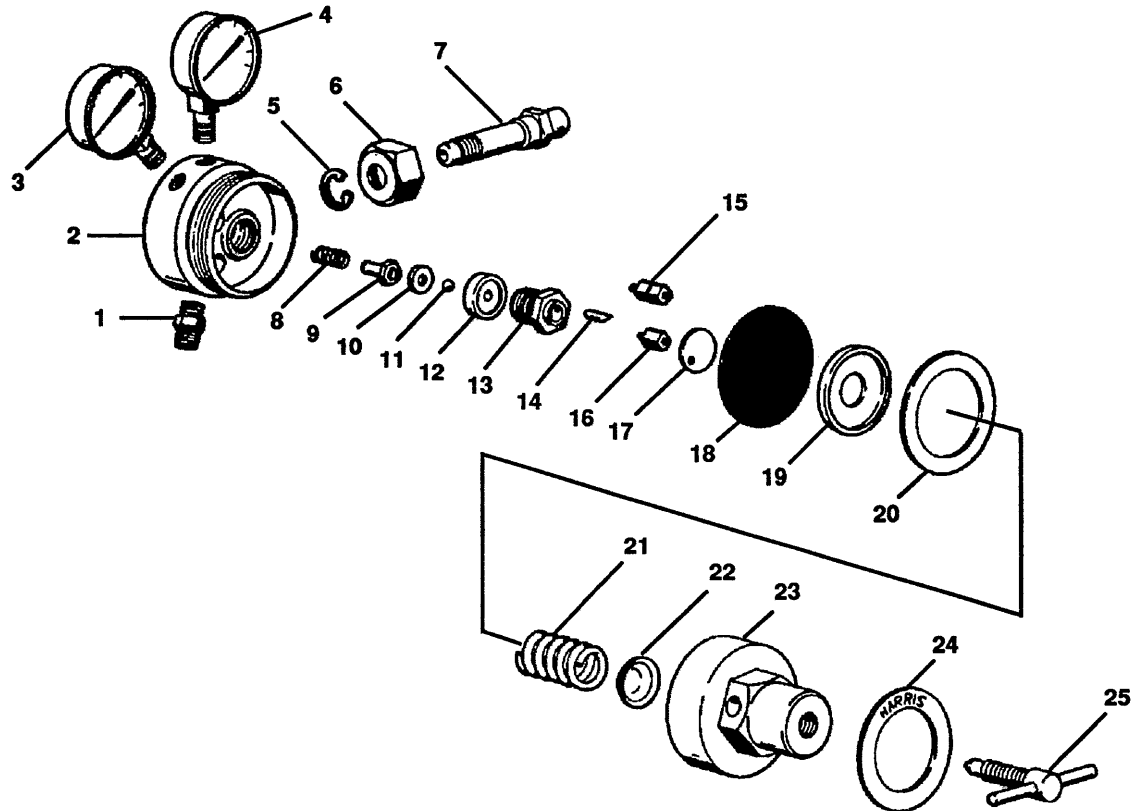


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
TH-98			Twin Tip Holder		8	9100836		AR-TH-98	
1	9004404		Stem		9	9002536	H-082.1	Tip Nut (2)	
2	9004600	H-319	O-Ring (6)						
3	9004400		Torch Nut						
4	9004408	H-349	Friction Washer (3)						
5	9004396		Cap						
6	9004402		Retainer Nut						
7	9100834		AI-TH-98						

Harris

Model 1

Single Stage Regulator

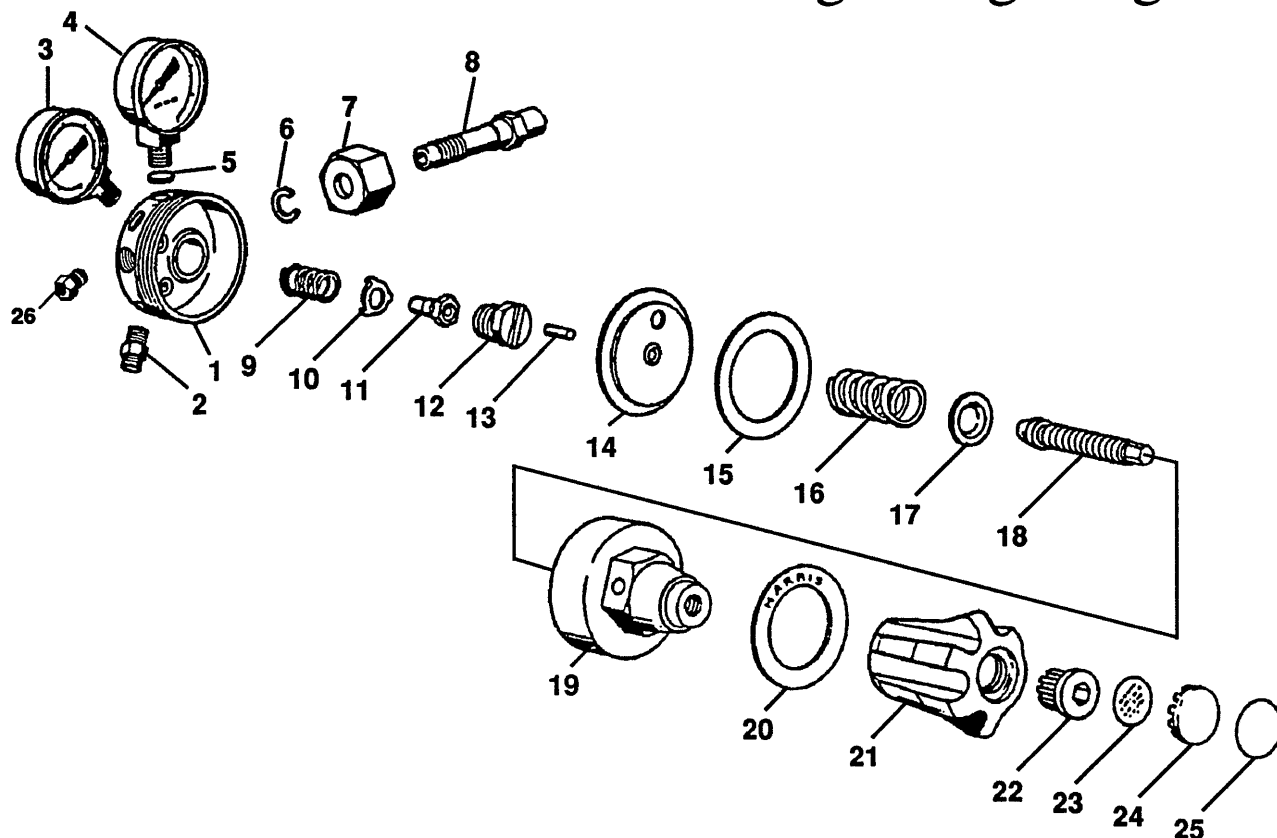


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
1	1-15-300		Single Stage Reg., Acetylene	A					
	1-15-510		Single Stage Reg., Acetylene	B					
	1-100-540		Single Stage Reg., Oxygen	C					
1	9000184		Outlet Nipple	A, B	13	9000020	H-048	Seat Housing	C
	9000194		Outlet Nipple	C	14	9000096	H-191	Bushing	A, B, C
2	9000006		Body	A, B, C		9000094	H-187	Anti-Vibrator	A, B
3	9006044		Outlet Pressure Gauge, 30 PSI	A, B	15	9000164	H-325	Anti-Vibrator	C
	9006035		Outlet Pressure Gauge, 150 PSI	C	16	9009667	H-326	Plunger	C
4	9006030		Inlet Pressure Gauge, 400 PSI	A, B	17	9008024	H-323	Plunger	A, B
	9006025		Inlet Pressure Gauge, 3000 PSI	C	18	9000024	H-188	Plunger Disc	A, B, C
5	9004030	H-239	Retaining Ring, (CGA 540 Only)	C	19	9000028	H-322	Diaphragm	A, B, C
6	9002984	H-278	Inlet Nut	A	20	9000058	H-189	Diaphragm Disc	A, B, C
	9002972	H-277	Inlet Nut	B	21	9000080		Diaphragm Slip Ring	A, B, C
	9002950	H-248	Inlet Nut	C	22	9000078		Pressure Adjusting Spring	A, B
7	9100740	H-255	Inlet Stem Assembly	A	23	9000018	H-238	Pressure Adjusting Spring	C
	9100704	H-276	Inlet Stem Assembly	B	24	9000051		Pivot	A, B, C
	9100728	H-275	Inlet Stem Assembly	C	25	9000041		Bonnet	A, B, C
8	9000082	H-190	Valve Spring	A, B, C		9000041		Nameplate, Red	A, B
9	9000090	H-195	Valve	A, B		9100002	H-037	Nameplate, Green	C
	9000088	H-194	Valve	C				Pressure Adjusting Screw	A, B, C
10	9000070	H-193	Seat	A, B					
11	9004264	H-316	Ball Seat	C					
12	9000032	H-192	Seat Housing	A, B					

Harris

Model 10

Single Stage Regulator

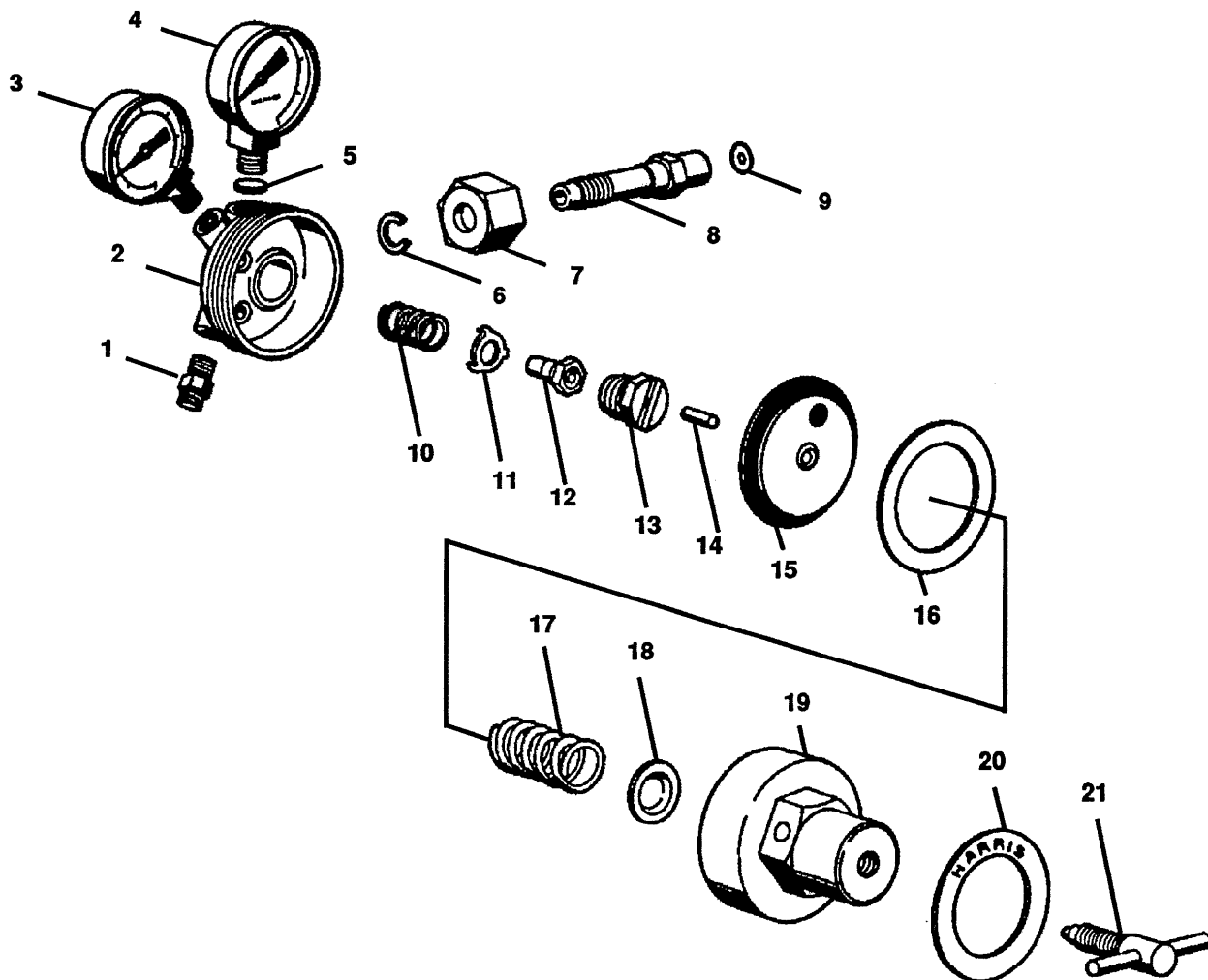


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	10-15-300		Acetylene	A		9100704		Inlet Stem Assembly	B, C
	10-15-510		Acetylene	B		9100728		Inlet Stem Assembly	D thru G
	10-50-510		Propane	C	9	9004056	H-174	Valve Spring	A thru G
	10-125-540		Oxygen	D	10	9004076	H-176	Anti-Vibration Washer	A thru G
	10-125R-540		Oxygen	E	11	9100774	H-007	Valve Seat	A thru G
	10-125SG-540		Oxygen	F	12	9001122	H-130	Nozzle	A thru G
	10-125SGR-540		Oxygen	G	13	9004018	H-006	Plunger	A thru G
1	9002276		Body	A-D, F	14	9100680	H-064	Diaphragm Assembly	A thru G
	9002284		Body	E, G	15	9004078	H-053	Diaphragm Slip Ring	A thru G
2	9000184	H-104	Outlet Nipple, 957L	A thru C	16	9002278		Pressure Adjusting Spring	A, B
	9000194	H-274	Outlet Nipple, 957-R	D thru G		9004046		Pressure Adjusting Spring	C
3	9006144		Outlet Pressure Gauge	A, B		9002262	H-227	Pressure Adjusting Spring	D thru G
			30 PSI - 2-1/2"		17	9002264		Pivot	A thru G
	9006145		Outlet Pressure Gauge	C	18	9012270		Adjusting Screw	A thru G
			60 PSI - 2-1/2"		19	9012266		Bonnet	A thru G
	9006142		Outlet Pressure Gauge	D thru G	20	9002282		Nameplate	A, B
			200 PSI - 2-1/2"			9002285		Nameplate	C
4	9006143		Inlet Pressure Gauge,	A thru C		9002283		Nameplate	D
			500 PSI - 2-1/2"			9002288		Nameplate	E
	9006141		Inlet Pressure Gauge,	D thru G		9002274		Nameplate	F
			4000 PSI - 2-1/2"			9002289		Nameplate	G
5	9004736	H-426	13676 H.P. Gauge Filter	A thru G	21	9012268		Knob	A thru G
6	9004030	H-239	Inlet Nut Retaining Ring	A, D-G	22	9012272		Bushing	A thru G
7	9002984	H-278	Inlet Nut	A	23	9002271		Label	A thru G
	9002972	H-277	Inlet Nut	B	24	9002286		Plug Button	A thru G
	9002974		Inlet Nut	C	25	9002280		Decal	A thru G
	9002950		Inlet Nut	D thru G	26	9100644	H-196	Safety Valve	E, G
8	9100740	H-210	Inlet Stem Assembly	A					

Harris

Model 25

Single Stage Regulator



Harris

Model 25

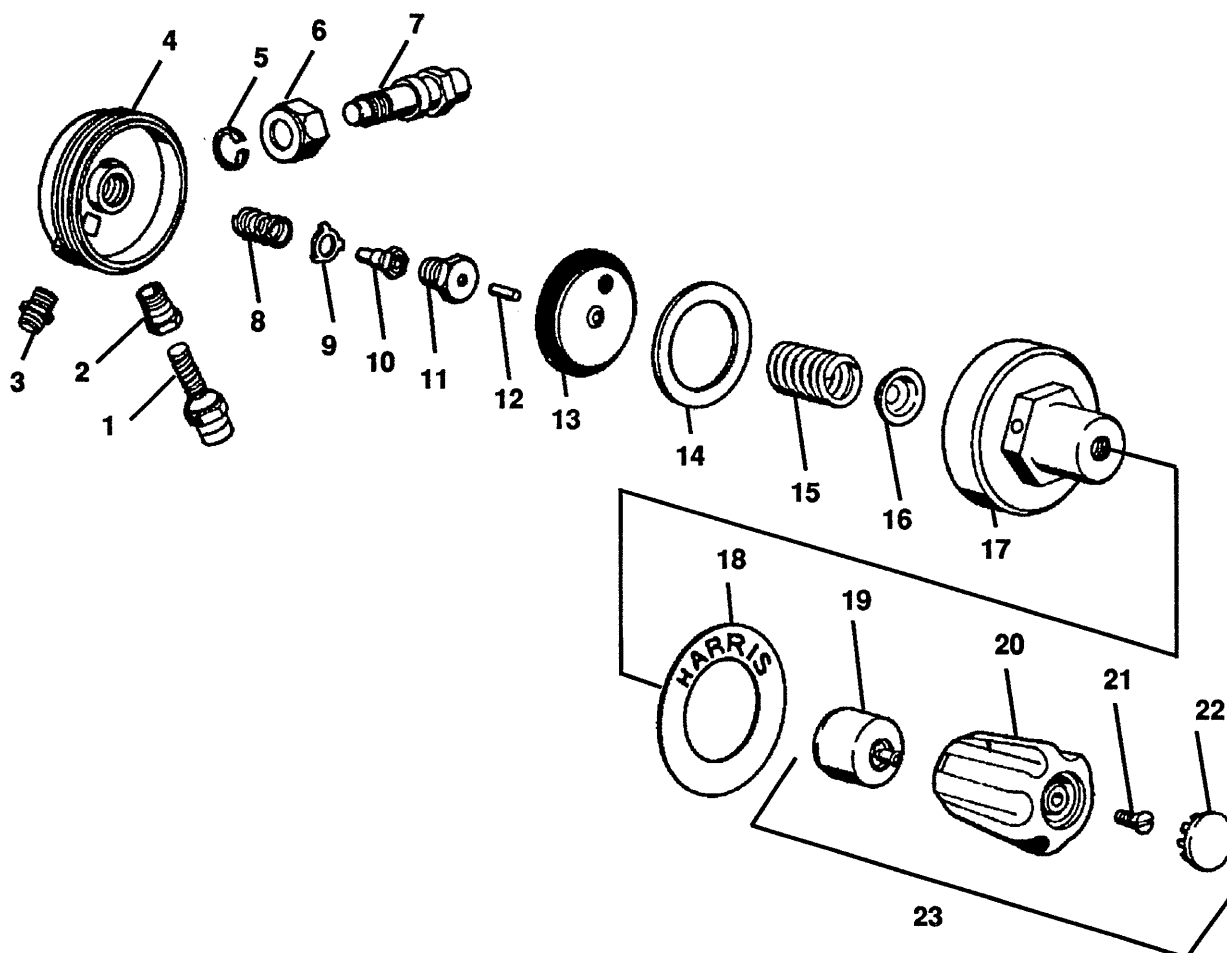
Single Stage Regulator

REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	25-15-300		Acetylene	A		9006135		H.P. Gauge, 4000 PSI - 2"	G, J-M, O, Q-T
	25-15B-300		Acetylene	B					
	25-15-510		Acetylene	C	5	9004736	H-426	H.P. Gauge Filter	A thru T
	25-15B-510		Acetylene	D	6	9004030	H-239	Retaining Ring	A, B, F-N, S
	25-50-510		Propane	E					
	25-50B-540		Oxygen	F	7	9002984	H-278	Inlet Nut	A, B
	25-100-320		Carbon Dioxide	G		9002972	H-277	Inlet Nut	C, D, E
	25-100B-320		Carbon Dioxide	H		9002950	H-248	Inlet Nut	F, L-N, S
	25-100-350		Hydrogen	J		9002986		Inlet Nut	G, H
	25-100A-350		Hydrogen	K		9003006		Inlet Nut	J, K
	25-100-540		Oxygen	L		9003048		Inlet Nut	O, P, T
	25-100-540SG		Oxygen	M		9003052		Inlet Nut	Q, R
	25-100B-540		Oxygen	N	8	9100740	H-255	Inlet Stem	A, B
	25-100-580		Argon, Helium, Nitrogen	O		9100728	H-275	Inlet Stem	F, L, N, S
	25-100B-580		Argon, Helium, Nitrogen	P		9100746	H-282	Inlet Stem	G, H
	*250-100-590		Industrial Air	Q		9100760	H-283	Inlet Stem	J, K
	*25-100A-590		Industrial Air	R		9105600		Inlet Stem	M
*			Was Argon, Helium, Nitrogen			9100704	H-276	Inlet Stem	C-E, O, R, T
	25-200-540		Oxygen	S					
	25-200-580		Argon, Helium, Nitrogen	T	9	9002908		Gasket	G, H
1	9000184		Outlet Nipple	A-E, J, K, Q, R	10	9004056	H-174	Valve Spring	A thru T
	9000194		Outlet Nipple	F, G, H, L-P, S, T	11	9004076	H-176	Anti-Vibration Washer (2)	E thru T
2	9008268		Body	A thru T	12	9100774	H-007	Valve Seat	A thru T
3	9006127		L.P. Gauge, 30 PSI - 2"	A, C	13	9001122	H-130	Nozzle	A thru T
	9006100		L.P. Gauge, 30 PSI - 2-1/2"	B, D	14	9004018	H-006	Plunger	A thru T
	9006120		L.P. Gauge, 60 PSI - 2"	E	15	9100146	H-049	Diaphragm Assembly	A-J, L-Q, S, T
	9006070		L.P. Gauge, 60 PSI - 2-1/2"	F		9100152		Diaphragm Assembly	K, R
	9006125		L.P. Gauge, 150 PSI - 2"	G, J-M, O, Q, R	16	9001230	H-131	Diaphragm Slip Ring	A thru T
	9006065		L.P. Gauge, 200 PSI - 2-1/2"	H, N, P	17	9001242		Pressure Adjusting Spring	A thru D
	9006030		L.P. Gauge, 400 PSI - 2"	S, T		9001388		Pressure Adjusting Spring	E, F
4	9006130		H.P. Gauge, 400 PSI - 2"	A, C, E		9004064	H-376	Pressure Adjusting Spring	G thru R
	9006060		H.P. Gauge, 400 PSI - 2-1/2"	B		9001241		Pressure Adjusting Spring	S, T
	9006055		H.P. Gauge, 500 PSI - 2-1/2"	D	18	9002168	H-296	Pivot	A-J, L-Q, S, T
	9006050		H.P. Gauge, 4000 PSI - 2-1/2"	F, H, N, P		9003972		Pivot	K, R
					19	9001062	H-333	Bonnet	A thru R
						9100186		Bonnet	S, T
					20	9001154		Nameplate, Red	A-E, J, K
						9001155		Nameplate, Green	F-H, L-T
					21	9100328	H-202	Adjusting Screw	A thru R
						9100796		Adjusting Screw	S, T

Harris

Model 29

Single Stage Gaugeless Regulator

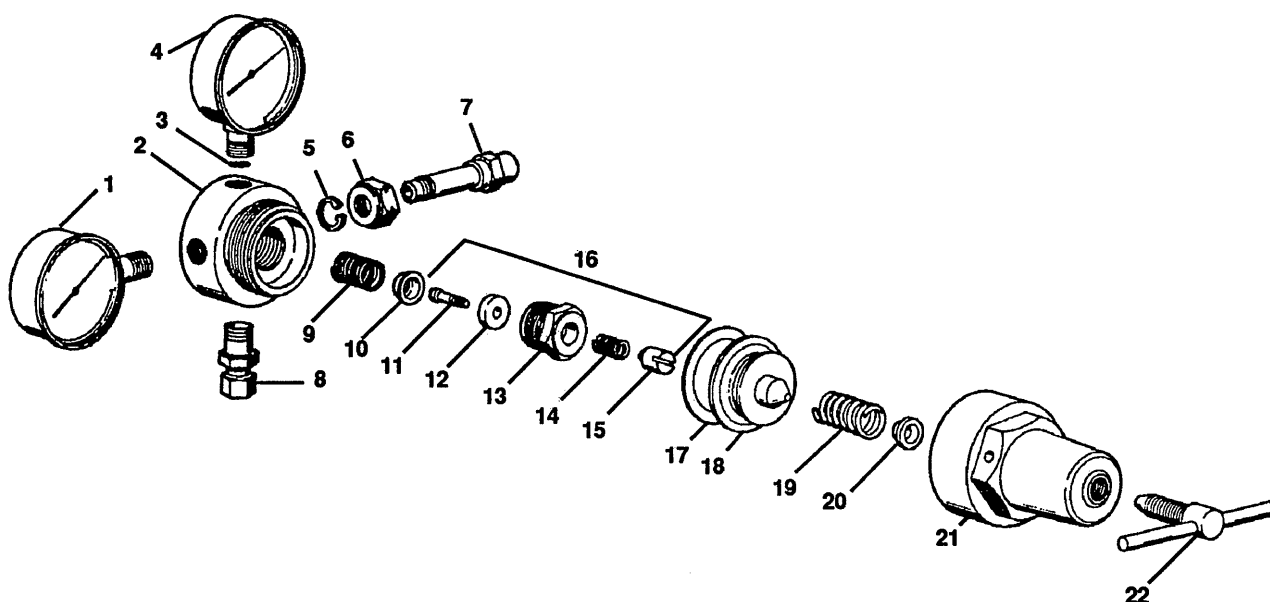


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
29-15-300			Acetylene	A	9	9004076	H-176	Anti-Vibration Washer (2)	A thru E
29-15-510			Acetylene	B	10	9100774	H-007	Valve Seat Assembly	A thru E
29-50-510			Propane	C	11	9001122	H-130	Nozzle	A thru E
29-100-540			Oxygen	D	12	9004018	H-006	Plunger	A thru E
29-100-540SG			Oxygen	E	13	9100146	H-049	Diaphragm Assembly	A thru E
1	9100558	H-077	Cylinder Contents Indicator	A, B	14	9001230	H-131	Diaphragm Slip Ring	A thru E
	9100560	H-247	Cylinder Contents Indicator	C	15	9001240		Pressure Adjusting Spring	A, B
	9100562	H-063	Cylinder Contents Indicator	D, E		9001388		Pressure Adjusting Spring	C
2	9001346	H-132	Housing	A thru E		9004064	H-376	Pressure Adjusting Spring	D, E
3	9000184		Outlet Nipple	A, B, C	16	9003978		Pivot	A, B
	9000194		Outlet Nipple	D, E		9002168	H-296	Pivot	C, D, E
4	9008269		Body	A thru E	17	9100196		Bonnet	A, B
5	9004030	H-239	Inlet Nut Retaining Ring	A, D, E		9100193		Bonnet	C
6	9002984	H-278	Inlet Nut	A		9100192		Bonnet	D, E
	9002972	H-277	Inlet Nut	B, C	18	9001154		Nameplate, Red	A, B, C
	9002950	H-248	Inlet Nut	D, E		9001155		Nameplate, Green	D, E
7	9100740	H-255	Inlet Stem	A	19	9107747		Hub Assembly (For Item 23)	A thru E
	9100704	H-276	Inlet Stem	B, C	20	8807750	H-497	Knob (For Item 23)	A thru E
	9100564	H-228	Inlet Stem	D	21	8802977		Screw (For Item 23)	A thru E
	9105600		Inlet Stem	E	22	8802916	H-490	Plug Button (For Item 23)	A thru E
8	9004056	H-174	Valve Spring	A thru E	23	9107750	H-394	Adjusting Screw Assembly	A thru E

Harris

Model 87-1500

Single Stage Regulator

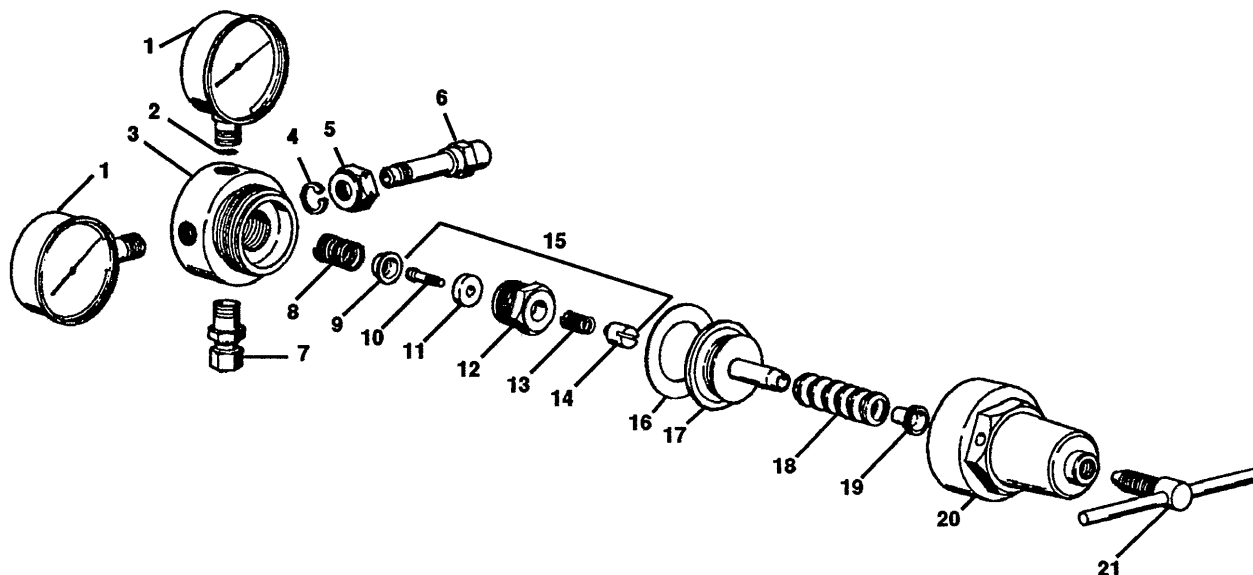


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
87-1500-350			Hydrogen	A	9	9004178		Seat Guide Spring	A thru F
87-1500A-350			Hydrogen	B	10	9003720		Seat Guide	A thru F
87-1500-540			Oxygen	C	11	9004186		Valve Stem	A thru F
87-1500-580			Nitrogen	D	12	9003734	H-165	Valve Seat Disc	A thru F
87-1500A-580			Argon, Helium, Nitrogen	E	13	9003724		Nozzle	A thru F
* 87-1500-590			Industrial Air	F	14	9003736	H-166	Valve Spring	A thru F
			Was Argon, Helium, Nitrogen		15	9003718		Valve Guide	A thru F
1	9006085		Outlet Pressure Gauge	A thru F	16	9100628	H-207	Valve Assembly	A thru F
2	9003702		Body	A thru F	17	9003952	H-055	Gasket	A thru F
3	9004736	H-426	Inlet Pressure Gauge	A thru F	18	9100630		Diaphragm Assembly	A, C, D, F
			Screen			9100638		Diaphragm Assembly	B, E
4	9006050		Inlet Pressure Gauge	A thru F	19	9004170	H-300	Spring, Pressure Adjusting	A thru F
5	9004030	H-239	Retaining Ring	C	20	9004100		Pivot	A
6	9003006		Inlet Nut	A, B		9003731		Pivot	B, E
	9002950	H-248	Inlet Nut	C		9004140		Pivot	C, D, F
	9003048		Inlet Nut	D, E	21	9100626		Bonnet	A thru F
	9003052		Inlet Nut	F	22	9100796		Adjusting Screw Assembly	A thru F
7	9100760	H-283	Inlet Stem Assembly	A, B					
	9100728	H-275	Inlet Stem Assembly	C					
	9100704	H-276	Inlet Stem Assembly	D, E, F					
8	9003740		Outlet Connection Assy.	A thru F					

Harris

Model 87-2500

Single Stage Regulator

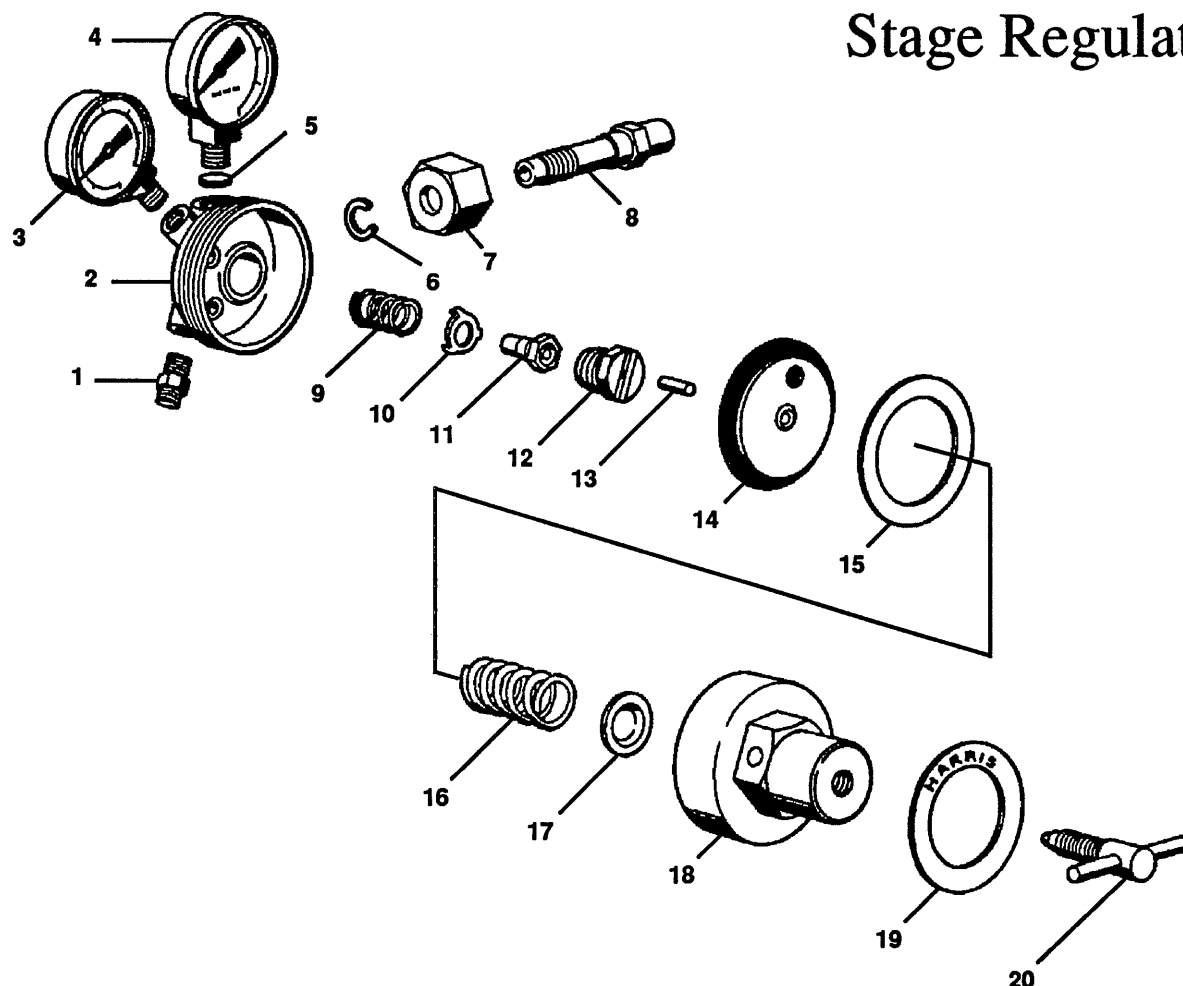


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
87-2500A-350			Hydrogen	A	15	9100628	H-207	Valve Assembly	A thru D
87-2500A-540			Oxygen	B	16	9003952	H-055	Gasket	A thru D
87-2500A-580			Argon, Helium, Nitrogen	C	17	9100638		Diaphragm Assembly	A thru D
* 87-2500A-590			Industrial Air	D	18	9003739		Pressure Reg. Spring (Set of 12)	A thru D
*			Was Argon, Helium, Nitrogen		19	9003730		Pivot	A thru D
1	9006050		Inlet & Outlet Pressure Gauge (2)	A thru D	20	9100634		Bonnet Assembly	A thru D
2	9004736	H-426	H. P. Gauge Filter	A thru D	21	9100636	H-079	Adjusting Screw Assembly	A thru D
3	9003702		Body	A thru D					
4	9004030	H-239	Retaining Ring	A, B					
5	9003006		Inlet Nut	A					
	9002950	H-248	Inlet Nut	B					
	9003048		Inlet Nut	C					
	9003052		Inlet Nut	D					
6	9100760	H-283	Inlet Stem Assembly	A					
	9100728	H-275	Inlet Stem Assembly	B					
	9100704	H-276	Inlet Stem Assembly	C, D					
7	9003740		Outlet Connection Assembly	A thru D					
8	9004178		Seat Guide Spring	A thru D					
9	9003720		Seat Guide Spring	A thru D					
10	9004186		Valve Stem	A thru D					
11	9003734	H-165	Valve Seat Disc	A thru D					
12	9003724		Nozzle	A thru D					
13	9003736	H-166	Valve Spring	A thru D					
14	9003718		Valve Guide	A thru D					

Harris

Model 94

Stage Regulator

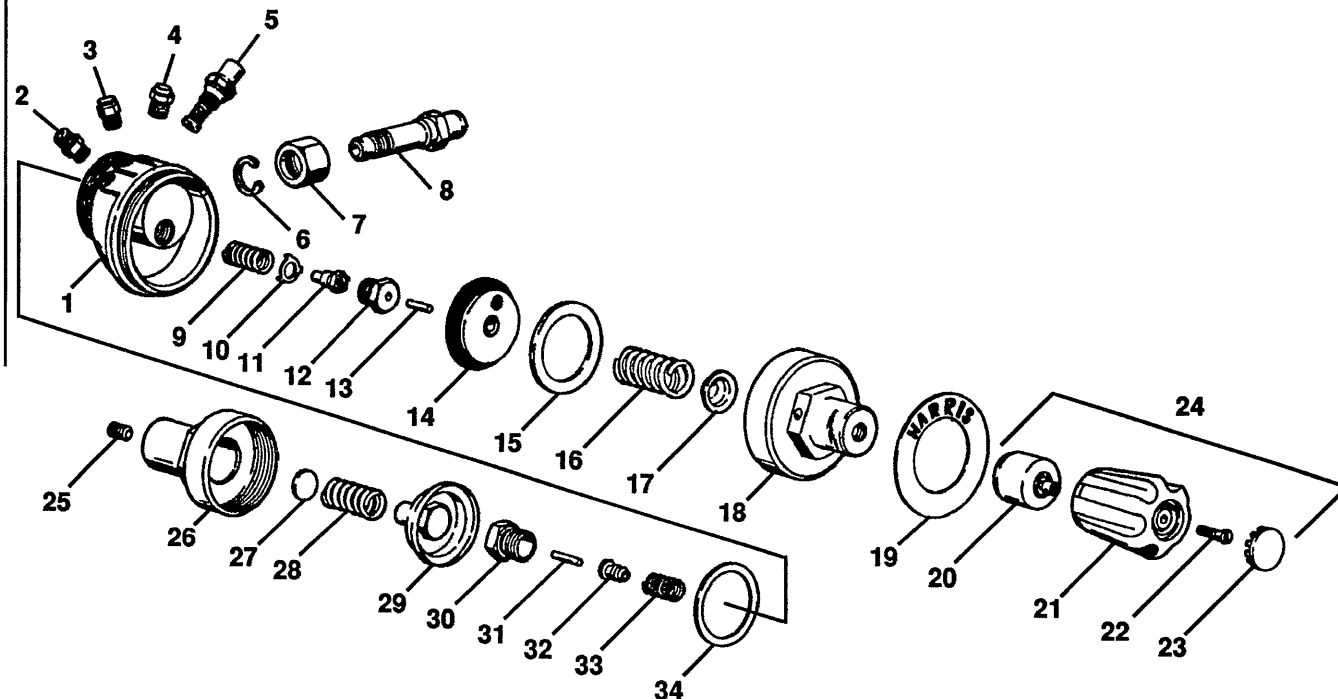


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	94-15-300		Acetylene	A	8	9100740	H-255	Inlet Stem	A
	94-15-510		Acetylene	B		9100704	H-276	Inlet Stem	B, C
	94-50-510		Propane	C		9100728	H-275	Inlet Stem	D, E
	94-100-540		Oxygen	D	9	9004056	H-174	Valve Spring	A thru E
	94-250-540		Oxygen	E	10	9004076	H-176	Anti-Vibration Washer	E
1	9000184		Outlet Nipple	A, B, C	11	9100774	H-007	Valve Seat	A thru E
	9000194		Outlet Nipple	D, E	12	9003956	H-172	Nozzle	A thru E
2	9004200		Body	A thru E	13	9004018	H-006	Plunger	A thru E
3	9006100		Outlet Pressure Gauge, 500 PSI - 2-1/2"	A, B	14	9100680	H-064	Diaphragm Assembly	A thru D
	9006070		Outlet Pressure Gauge, 60 PSI - 2-1/2"	C		9101130		Diaphragm Assembly	E
	9006065		Outlet Pressure Gauge, 200 PSI - 2 1/2"	D	15	9004078	H-053	Diaphragm Gasket	A thru E
	9006060		Outlet Pressure Gauge, 400 PSI - 2-1/2"	E	16	9003498		Pressure Adjusting Spring	A, B
4	9006055		Inlet Pressure Gauge, 500 PSI, - 2-1/2"	A, B, C		9004046		Pressure Adjusting Spring	C
	9006050		Inlet Pressure Gauge, 4000 PSI - 2-1/2"	D, E		9004058		Pressure Adjusting Spring	D
5	9004736	H-426	H.P. Gauge Screen	A thru E		9004170	H-300	Pressure Adjusting Spring	E
6	9004030	H-239	Retaining Ring	A, D, E	17	9003978		Pivot	A, B
7	9002984	H-278	Inlet Nut	A		9002168	H-296	Pivot	C, D
	9002972	H-277	Inlet Nut	B, C		9008558		Pivot	E
	9002950	H-248	Inlet Nut	D, E	18	9100690		Bonnet	A thru D
						9100691		Bonnet	E
					19	9001945		Nameplate, Red	A, B, C
						9001944		Nameplate, Green	D, E
					20	9100700	H-069	Adjusting Key	A, B, C
						9101132		Adjusting Key	E

Harris

Model 77

Multi-Stage Gaugeless Regulator

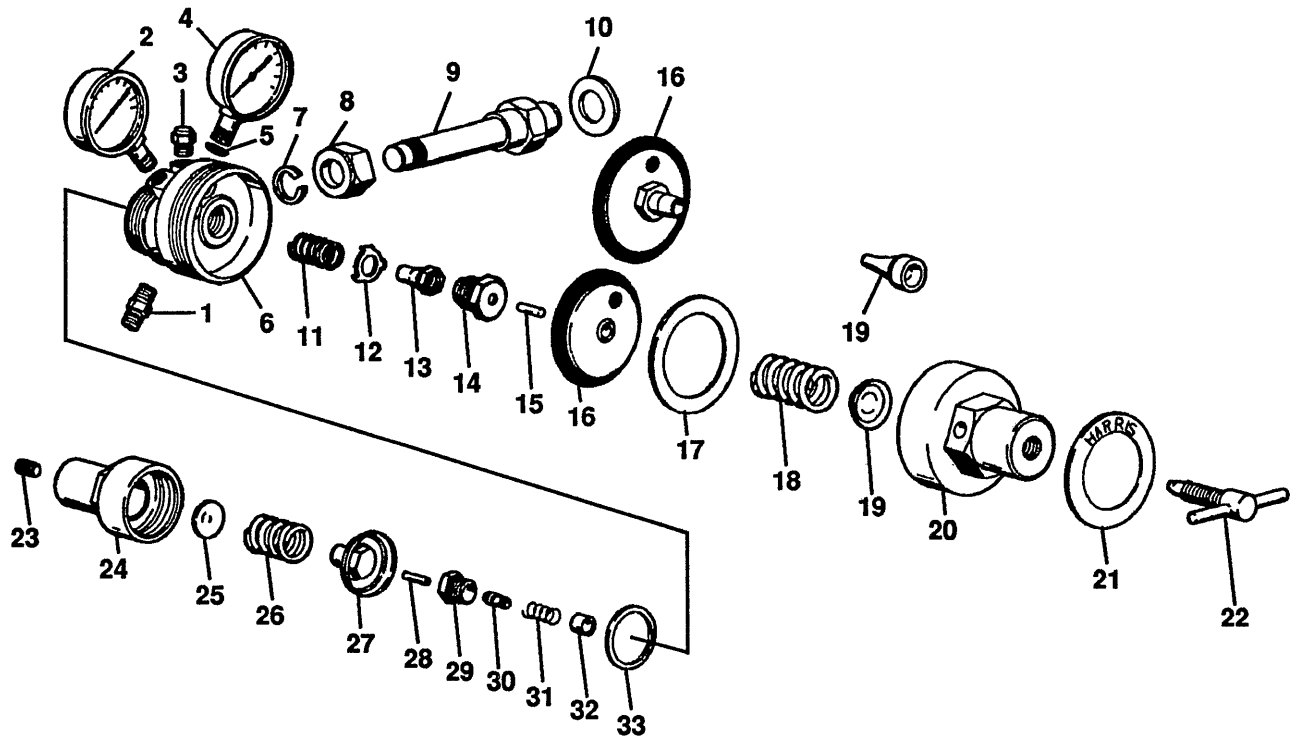


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	77-15-300		Acetylene	A		9004046		Pressure Adjusting Spring	C
	77-15-510		Acetylene	B		8807785		Pressure Adjusting Spring	D
	77-50-510		Propane	C	17	9002168	H-296	Pivot	A, B, C
	77-150-540		Oxygen	D		9007764		Pivot	D
1	9003384		Body	A thru D	18	9100586		Bonnet	A, B
2	9000184		Outlet Nipple, L. H.	A, B, C		9100584		Bonnet	C
	9000194		Outlet Nipple, L. H.	D		9100710		Bonnet	D
3	9100644	H-196	Low Pressure Safety Valve	A thru D	19	9004014		Nameplate, Red	A, B, C
4	9100650		High Pressure Safety Valve	D		9004015		Nameplate, Green	D
5	9100558	H-077	Cylinder Contents Indicator	A, B	20	9107747		Hub Assembly	A thru D
	9100560	H-247	Cylinder Contents Indicator	C	21	8807750	H-497	Knob	A thru D
	9100562	H-063	Cylinder Contents Indicator	D	22	8802977		Screw	A thru D
6	9004030	H-239	Retaining Ring	A, D	23	8802916	H-490	Plug Button	A thru D
7	9002984	H-278	Inlet Nut	A	24	9107750	H-394	Adjusting Screw Assembly	A thru D
	9002974		Inlet Nut	B, C	25	9004036		Adjusting Screw, First Stage	A thru D
	9002950	H-248	Inlet Nut	D	26	9003922		Bonnet, First Stage	A thru D
8	9100740	H-255	Inlet Stem Assembly	A	27	9003974	H-238	Pivot, First Stage	A thru D
	9100704	H-276	Inlet Stem Assembly	B, C	28	9004056	H-174	Spring, First Stage, Pressure	A thru D
	9100728	H-275	Inlet Stem Assembly	D	29	9100688	H-075	Diaphragm Assembly, First Stage	A thru D
9	9004056	H-174	Valve Spring, Second Stage	A thru D				Seat Assembly, First Stage	A thru D
10	9004076	H-176	Anti-Vibrator	A thru D	30	9100678	H-065	Plunger, First Stage Valve	A thru D
11	9100774	H-007	Valve Seat Assembly, Second Stage	A thru D	31	9004020	H-173	Valve, First Stage	A thru D
12	9003956	H-172	Nozzle, Second Stage	A thru D	32	9004070	H-103	Spring, First Stage, Pressure	A thru D
13	9004018	H-006	Plunger, Second Stage, Valve	A thru D	33	9004060	H-175	Gasket, First Stage	A thru D
14	9100680	H-064	Diaphragm Assembly, Second Stage	A thru D	34	9003952	H-055		
15	9004078	H-053	Diaphragm Slip Ring	A thru D					
16	9003498		Pressure Adjusting Spring	A, B					

Harris

Model 92-250

Multi-Stage Regulator



REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	92-250-320		Carbon Dioxide	A	11	9004056	H-174	Spring, Valve, Second Stage	A thru F
	92-250A-350		Hydrogen	B	12	9004076	H-176	Anti-Vibrator	A thru F
	92-250-540		Oxygen	C	13	9100774	H-007	Valve, Second Stage	A thru F
	92-250-580		Argon, Helium, Nitrogen	D	14	9003956	H-172	Nozzle, Second Stage	A thru F
	92-250A-580		Argon, Helium, Nitrogen	E	15	9004020	H-173	Plunger	A thru F
	92-250-590		Industrial Air	F	16	9101130		Diaphragm Assembly	A, C-F
			Was Argon, Helium, Nitrogen		16	9101133		Diaphragm Assembly	B
1	9000194		Outlet Nipple	A, C-F	17	9008557		Diaphragm Gasket, Second Stage	A thru F
	9000184		Outlet Nipple	B					
2	9006060		Outlet Pressure Gauge, 400 PSI	A thru F	18	9004170	H-300	Pressure Adjusting Spring, Second Stage	A thru F
3	9100640	H-184	Safety Valve	A thru F	19	9003978		Pivot	A
4	9006080		Inlet Pressure Gauge, 2000 PSI	A		9008558		Pivot	B, D-F
	9006050		Inlet Pressure Gauge, 4000 PSI	B thru F		9008562		Pivot	C
5	9004736	H-426	Gauge Screen, H. P.	A thru F	20	9100691		Bonnet, Second Stage	A thru F
6	9003916		Body	A thru F	21	9004015		Nameplate, Green	A, C-F
7	9004030	H-239	Retaining Ring	A, B, C		9004014		Nameplate, Red	B
8	9002986		Inlet Nut	A	22	9101132		Screw, First Stage Adjusting	A thru F
	9003006		Inlet Nut	B	23	9004152		Screw, First Stage Adjusting	A thru F
	9002950	H-248	Inlet Nut	C	24	9003922		Bonnet, First Stage	A thru F
	9003048		Inlet Nut	D, E	25	9003974	H-238	Pivot, First Stage	A thru F
	9003052		Inlet Nut	F	26	9004054	H-254	Spring, First Stage Pressure	A thru F
9	9100746	H-282	Inlet Stem	A	27	9100688	H-075	Diaphragm Assy, First Stage	A thru F
	9100760	H-283	Inlet Stem	B	28	9004020	H-173	Plunger, First Stage	A thru F
	9100728	H-275	Inlet Stem	C	29	9100678	H-065	Seat Assembly, First Stage	A thru F
	9100704	H-276	Inlet Stem	D, E, F	30	9004070	H-103	Valve, First Stage	A thru F
10	9002908		Inlet Gasket	A	31	9004060	H-175	Valve Spring, First Stage	A thru F
					32	9004042		Retaining Sleeve, First Stage	A thru F
					33	9003952	H-055	Gasket, Nylon	A thru F



Harris

Model 92

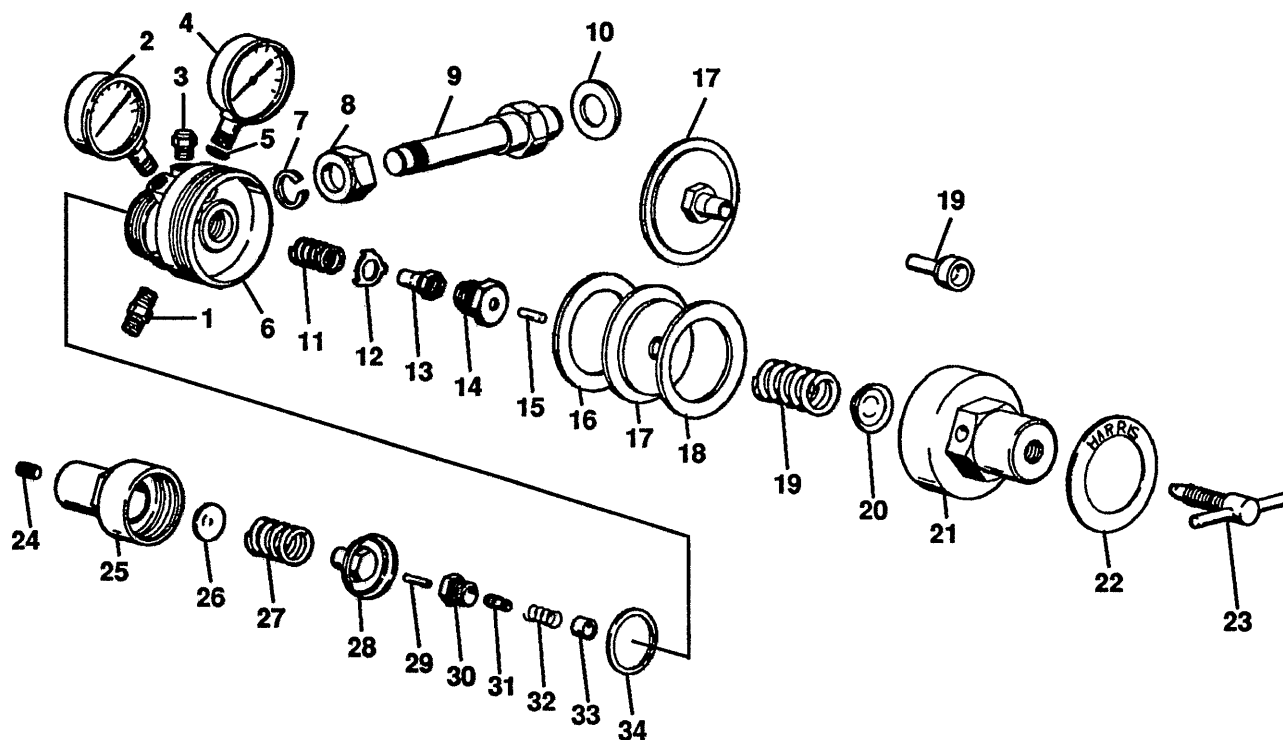
Multi-Stage Regulator

REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	92-15-300		Acetylene	A		9100704	H-276	Inlet Stem Assembly	B, F, H, J, K, O-Q
	92-15-510		Acetylene	B					
	92-50-320		Carbon Dioxide	C		9100746	H-282	Inlet Stem Assembly	C, L
	92-50-350		Hydrogen	D		9100760	H-283	Inlet Stem Assembly	D, E, M
	92-50A-350		Hydrogen	E		9100728	H-275	Inlet Stem Assembly	G, N
	92-50-510		Propane	F	10	9002908		Inlet Gasket	C, L
	92-50-540		Oxygen	G	11	9004056	H-174	Spring, Valve, Second Stage	A thru Q
	92-50-580		Argon, Helium, Nitrogen	H					
	92-50A-580		Argon, Helium, Nitrogen	J	12	9004076	H-176	Anti-Vibrator	A thru Q
*	92-50-590		Industrial Air	K	13	9100774	H-007	Valve, Second Stage	A thru Q
	92-100-320		Carbon Dioxide	L	14	9003956	H-172	Nozzle, Second Stage	A thru Q
	92-100A-350		Hydrogen	M	15	9004018	H-006	Plunger	A thru Q
	92-100-540		Oxygen	N	16	9100680	H-064	Diaphragm Assembly	A-D, F-H, K, L, N, O, Q
	92-100-580		Argon, Helium, Nitrogen	O					
	92-100A-580		Argon, Helium, Nitrogen	P					
*	92-100-590		Industrial Air	Q		9100682		Diaphragm Assembly	E, J, M, Q
*			Was Argon, Helium, Nitrogen		17	9004078	H-053	Diaphragm Gasket	A thru Q
1	9000184		Outlet Nipple	A, B, D-F, M	18	9003498		Pressure Adjusting Spring	A, B
	9000194		Outlet Nipple	C, G-L, N-Q		9004046		Pressure Adjusting Spring	C thru K
2	9006100		Outlet Pressure Gauge, 30 PSI	A, B	19	9003978		Pressure Adjusting Spring	L thru Q
	9006070		Outlet Pressure Gauge, 60 PSI	C thru K		9002168	H-296	Pivot	A, B
3	9100640	H-184	Safety Valve	A thru Q		9003972		Pivot	C, D, F-H, K, L, N, O, Q
4	9006055		Inlet Pressure Gauge, 500 PSI	A, B, F	20	9100690		Bonnet, Second Stage	E, J, M, P
	9006080		Inlet Pressure Gauge, 2000 PSI	C, L	21	9004014		Nameplate, Red	A thru Q
	9006050		Inlet Pressure Gauge, 4000 PSI	D, E, G-Q		9004015		Nameplate, Green	A, B, D-F, M
5	9004736	H-426	Gauge Screen, H. P.	A thru Q	22	9100700	H-069	Screw, Pressure Adjusting	C, G, H-L, N-Q
6	9003916		Body	A thru Q	23	9004036		Screw, First Stage Adjusting	A thru Q
7	9004030	H-239	Retaining Ring	A, C, G, L, N	24	9003922		Bonnet, First Stage	A thru Q
8	9002984	H-278	Inlet Nut	A	25	9003974	H-238	Pivot, First Stage	A thru Q
	9002972	H-277	Inlet Nut	B, F	26	9004054	H-254	Spring, First Stage Pressure	A thru Q
	9002986		Inlet Nut	C, L	27	9100688	H-075	Diaphragm Assembly, First Stage	A thru Q
	9003006		Inlet Nut	D, E, M	28	9004020	H-173	Plunger, First Stage	A thru Q
	9002950	H-248	Inlet Nut	G, N	29	9100678	H-065	Seat Assembly, First Stage	A thru Q
	9003048		Inlet Nut	H, I, O, P	30	9004070	H-103	Valve, First Stage	A thru Q
	9003052		Inlet Nut	K, Q	31	9004060	H-175	Valve Spring, First Stage	A thru Q
9	9100740	H-255	Inlet Stem Assembly	A	32	9004042		Retaining Sleeve, First Stage	A thru Q
					33	9003952	H-055	Gasket, Nylon	A thru Q

Harris

Model 92SS

Multi-Stage Regulator



Harris

Model 92SS

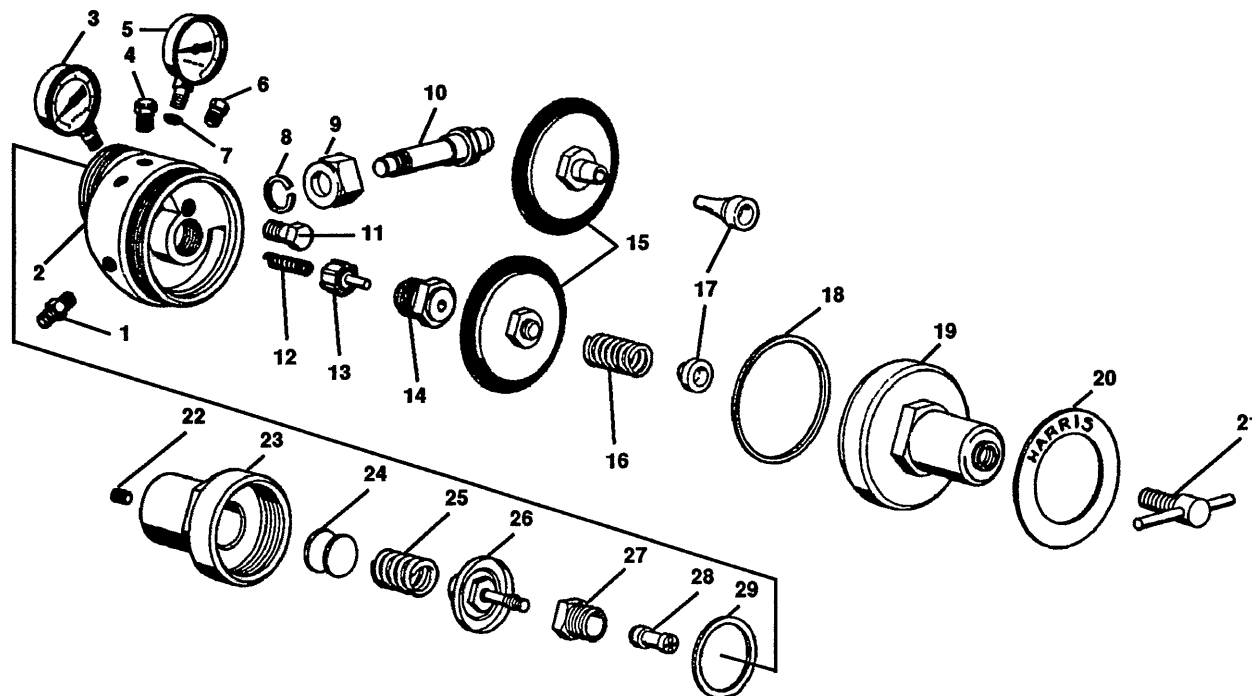
Multi-Stage Regulator

REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
92SS-15-320			Multi-Stage Regulator	A	9100760		H-283	Inlet Stem Assembly	B, H, J, P, Q
92SS-15A-350			Multi-Stage Regulator	B	9100704		H-276	Inlet Stem Assembly	C, E, F, L-N, S-U
92SS-15-510			Multi-Stage Regulator	C	9100728		H-275	Inlet Stem Assembly	D, K, R
92SS-15-540			Multi-Stage Regulator	D	10 9002908			Inlet Gasket	A, O
92SS-15A-580			Multi-Stage Regulator	E	11 9004056		H-174	Spring, Valve, Second Stage	A thru U
92SS-15-590			Multi-Stage Regulator	F	12 9004076		H-176	Anti-Vibrator	A thru U
92SS-50-320			Multi-Stage Regulator	G	13 9100774		H-007	Valve, Second Stage	A, C, G
92SS-50-350			Multi-Stage Regulator	H	9100974		H-007.2	Valve, Second Stage	B, D-F, H-U
92SS-50A-350			Multi-Stage Regulator	J	14 9003956		H-172	Nozzle, Second Stage	A thru U
92SS-50-540			Multi-Stage Regulator	K	15 9004018		H-006	Plunger, Second Stage	A thru U
92SS-50-580			Multi-Stage Regulator	L	16 9004033			Diaphragm-to-Body Washer, Second Stage	A thru U
92SS-50A-580			Multi-Stage Regulator	M	17 9100684			Diaphragm Assembly, Second Stage	A thru U
92SS-50-590			Multi-Stage Regulator	N	18 9004080			Diaphragm Washer, Second Stage	A thru U
92SS-100-320			Multi-Stage Regulator	O	19 9003498			Pressure Adjusting Spring	A thru F
92SS-100-350			Multi-Stage Regulator	P	9004046			Pressure Adjusting Spring	G thru N
92SS-100A-350			Multi-Stage Regulator	Q	9004058			Pressure Adjusting Spring	O thru U
92SS-100-540			Multi-Stage Regulator	R	20 9002168		H-296	Pivot	A, C, D, F-H, K, L, N-P, R, S, U
92SS-100-580			Multi-Stage Regulator	S				Pivot	B, E, J, M, Q, T
92SS-100A-580			Multi-Stage Regulator	T	21 9100691			Bonnet	A thru U
92SS-100-590			Multi-Stage Regulator	U	22 9004015			Nameplate, Green	A, D-G, K-O, R-U
1 9000194			Outlet Nipple	A, D-G, K-N, Q-T	23 9100700		H-069	Screw, Pressure Adjusting, Second Stage	A thru U
9000184			Outlet Nipple	B, C, H, J, O, P	24 9004036			Screw, First Stage Adjusting	A thru U
2 9006100			Outlet Pressure Gauge, 30 PSI	A thru F	25 9003922			Bonnet, First Stage	A thru U
9006070			Outlet Pressure Gauge, 60 PSI	G thru N	26 9003974		H-238	Pivot, First Stage	A thru U
9006065			Outlet Pressure Gauge, 200 PSI	O thru U	27 9004054		H-254	Spring, First Stage Pressure	A thru U
3 9100640	H-184		Safety Valve	A thru U	28 9100688		H-075	Diaphragm Assembly, First Stage	A thru U
4 9006050			Inlet Pressure Gauge, 4000 PSI	A, B, D-U	29 9004020		H-173	Plunger, First Stage	A thru U
9006055			Inlet Pressure Gauge, 500 PSI	C	30 9100678		H-065	Seat Assembly, First Stage	A thru U
5 9004736	H-426		Gauge Screen, H. P.	A thru U	31 9004070		H-103	Valve, First Stage	A thru U
6 9003916			Body	A thru U	32 9004060		H-175	Valve Spring, First Stage	A thru U
7 9004030	H-239		Retaining Ring	A, B, D, G-K, O-R	33 9004042			Retaining Sleeve, First Stage	A thru U
8 9002986			Inlet Nut	A, G, O	34 9003952		H-055	Gasket, Nylon	A thru U
9003006			Inlet Nut	B, H, J, P, Q					
9002972	H-277		Inlet Nut	C					
9002950	H-248		Inlet Nut	D, K, R					
9003048			Inlet Nut	E, L, S, T					
9003052			Inlet Nut	F, N, U					
9 9100746	H-282		Inlet Stem Assembly	A, G, O					

Harris

Model 93

Multi-Stage Regulator

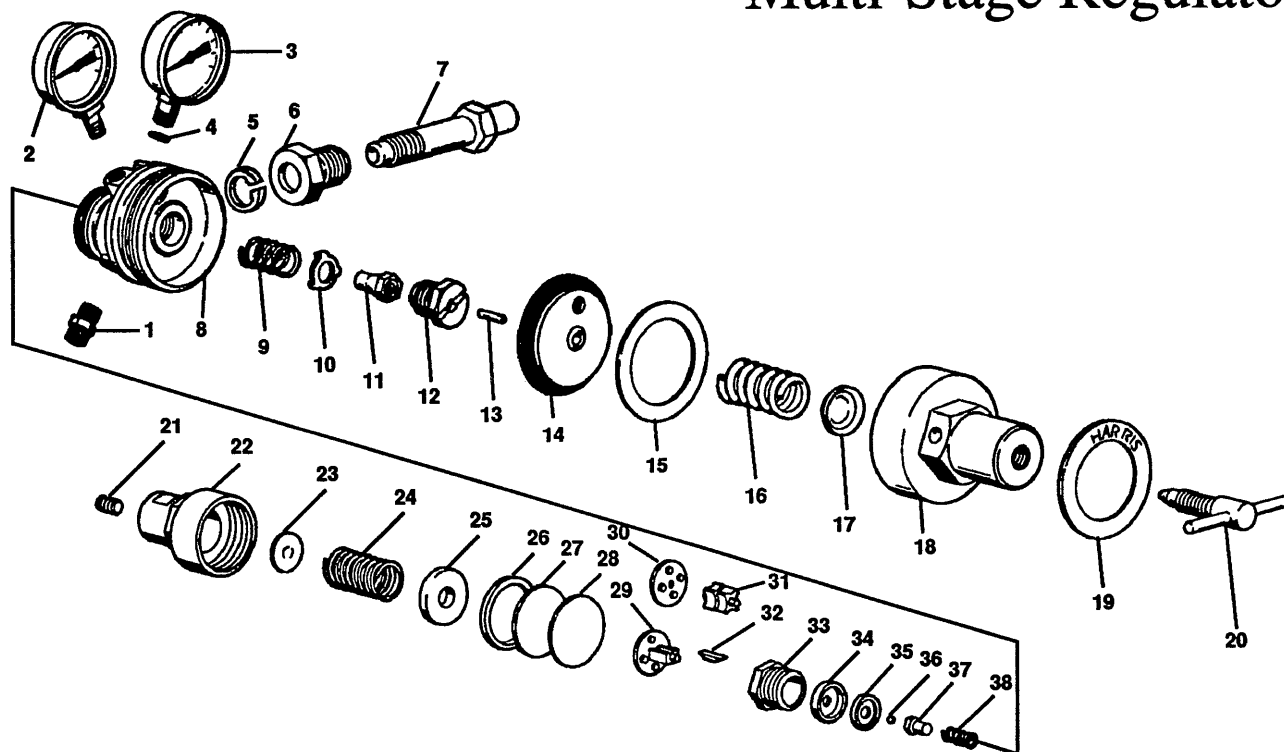


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
93-350A-350			Hydrogen	A	17	9004136		Pivot	A, D
93-350-540			Oxygen	B		9004140		Pivot	B, C, E
93-350-580			Argon, Helium and Nitrogen	C	18	9004194	H-054	Diaphragm Gasket, Second Stage	A thru E
93-350A-580			Argon, Helium and Nitrogen	D	19	9100806		Bonnet, Second Stage	A thru E
* 93-350-590			Industrial Air	E	20	9004014		Nameplate, Red	A
* 93-350-590			Was Argon, Helium, Nitrogen		9004015			Nameplate, Green	B thru E
1	9000184		Outlet Nipple	A	21	9100796		Screw, Pressure Adjusting, Second Stage	A thru E
	9000194		Outlet Nipple	B thru E	22	9004152		Screw, Pressure Adjusting, First Stage	A thru E
2	9004084		Body	A thru E	23	9003922		Bonnet, First Stage	A thru E
3	9006055		L. P. Gauge, 0-500 PSI	A thru E	24	9003974	H-238	Pivot (2)	A thru E
4	9100342		Safety Valve	A thru E	25	9004054	H-254	Diaphragm Spring, First Stage	A thru E
5	9006050		H. P. Gauge, 0-4000 PSI	A thru E	26	9100686	H-074	Diaphragm Assembly, First Stage	A thru E
6	9004022		Plug, H. P. Body	A thru E	27	9100788		Nozzle, First Stage	A thru E
7	9004736	H-426	H. P. Gauge Port Screen	A thru E	28	9004188	H-182	Valve, First Stage	A thru E
8	9004030	H-239	Retaining Ring	B	29	9003052		Gasket, First Stage	A thru E
9	9003006		Inlet Nut	A					
	9002950	H-248	Inlet Nut	B					
	9003048		Inlet Nut	C, D					
	9003052		Inlet Nut	E					
10	9100760	H-283	Inlet Stem Assembly	A					
	9100728	H-275	Inlet Stem Assembly	B					
	9100704	H-276	Inlet Stem Assembly	C, D, E					
11	9004022		Plug, H. P. Seat Chamber	A thru E					
12	9004176		Valve Spring, Second Stage	A thru E					
13	9100802	H-013	Valve Assembly, Second Stage	A thru E					
14	9100784		Seat Assembly Second Stg.	A thru E					
15	9100821		Diaphragm Assembly	A, D					
	9100820		Diaphragm Assembly	B, C, E					
16	9004172		Pressure Adjusting Spring, Second Stage	A thru E					

Harris

Model 96

Multi-Stage Regulator

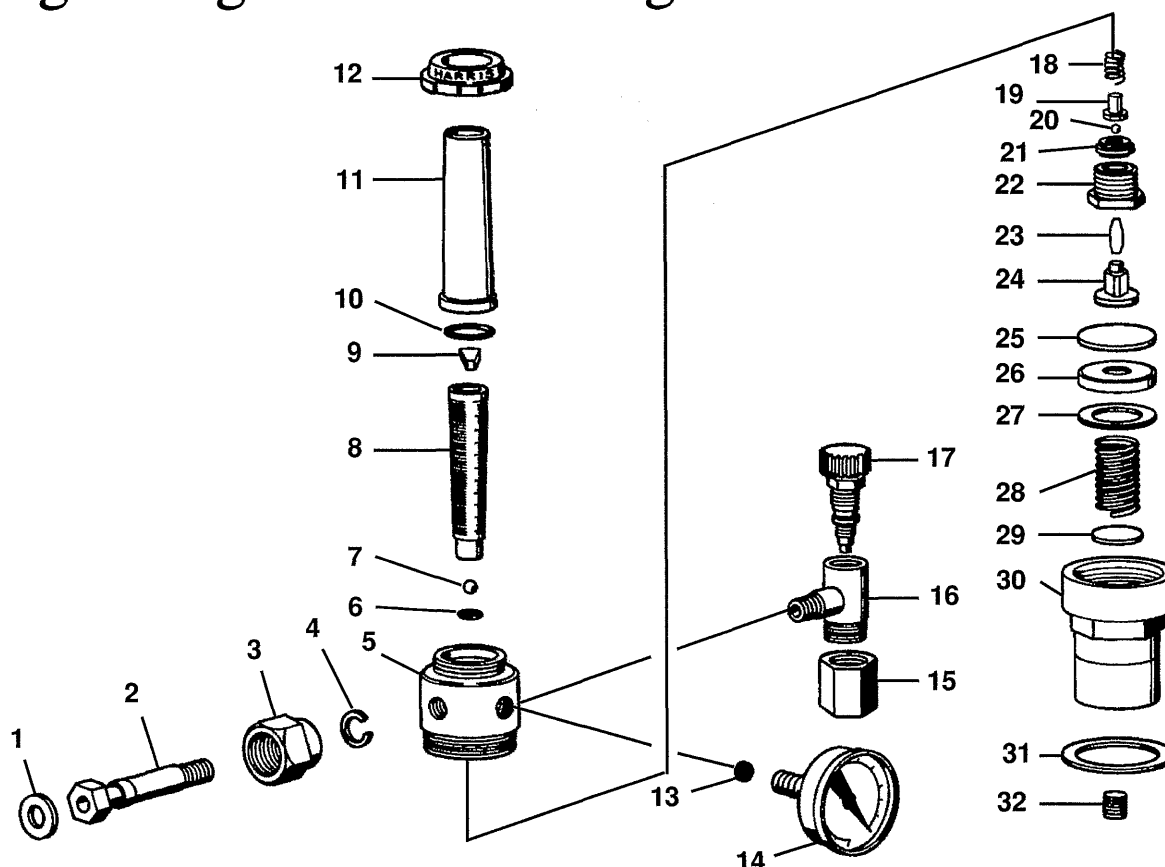


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	96-15-300		Acetylene	A		9001388		Pressure Adjusting Spring	C
	96-15-510		Acetylene	B		9004064	H-376	Pressure Adjusting Spring	D
	96-50-510		Propane	C	17	9002168	H-296	Pivot, Second Stage	A thru D
	96-100-540		Oxygen	D	18	9001062	H-333	Bonnet, Second Stage	A thru D
1	9000184		Outlet Nipple	A, B, C	19	9001154		Nameplate, Red	A, B, C
	9000194		Outlet Nipple	D		9001155		Nameplate, Green	D
2	9006130		Outlet Pressure Gauge	A, B, C	20	9100328	H-202	Adjusting Key, Second Stage	A thru D
	9006135		Outlet Pressure Gauge	D	21	9009677		Adjusting Screw, First Stage	A thru D
3	9006127		Inlet Pressure Gauge	A, B	22	9000019		Bonnet, First Stage	A thru D
	9006120		Inlet Pressure Gauge	C	23	9003974	H-238	Pivot, First Stage	A thru D
	9006125		Inlet Pressure Gauge	D	24	9000078		First Stage Spring	A, B, C
4	9004736	H-426	H. P. Gauge Filter	A thru D		9004054	H-254	First Stage Spring	D
5	9004030	H-239	Retaining Ring	A, D	25	9000028	H-322	Diaphragm Disc, First Stage	A thru D
6	9002984	H-278	Inlet Nut	A	26	9000058	H-189	Spacer Ring	A, B, C
	9002972	H-277	Inlet Nut	B		9009671	H-423	Spacer Ring	D
	9002974		Inlet Nut	C	27	9009633	H-380	Diaphragm Disc, First Stage	D
	9002950	H-248	Inlet Nut	D	28	9000024	H-188	Diaphragm, First Stage	A, B, C
7	9100740	H-255	Inlet Stem Assembly	A		9009632		Diaphragm, First Stage	D
	9100704	H-276	Inlet Stem Assembly	B, C	29	9100966	H-478	Plunger Disc Assembly	D
	9100728	H-275	Inlet Stem Assembly	D	30	9008024	H-323	Disc	A, B, C
8	9009610		Body	A thru D	31	9009667	H-326	Plunger	A, B, C
9	9004056	H-174	Valve Spring, Second Stage	A thru D	32	9000094	H-187	Anti-Vibrator	A thru D
10	9004076	H-176	Anti-Vibrator, Second Stage	A thru D	33	9000020	H-191	Bushing, First Stage	A thru D
11	9100774	H-007	Valve, Second Stage	A thru D	34	9000032	H-192	Housing	A, B, C
12	9003956	H-172	Nozzle, Second Stage	A thru D	35	9000070	H-193	Seat	A, B, C
13	9004018	H-006	Plunger, Second Stage	A thru D		9100007	H-048	Seat	D
14	9100146	H-049	Diaphragm Assembly, Second Stage	A thru D	36	9004264	H-316	Valve Ball	D
					37	9000090	H-195	Plunger	A, B, C
15	9001230	H-131	Diaphragm Slip Ring, Second Stage	A thru D		9000088	H-194	Plunger	D
					38	9000082	H-190	Valve Spring, First Stage	A thru D
16	9001242		Pressure Adjusting Spring	A, B					

Harris

Model 2F

Single-Stage Flowmeter Regulator

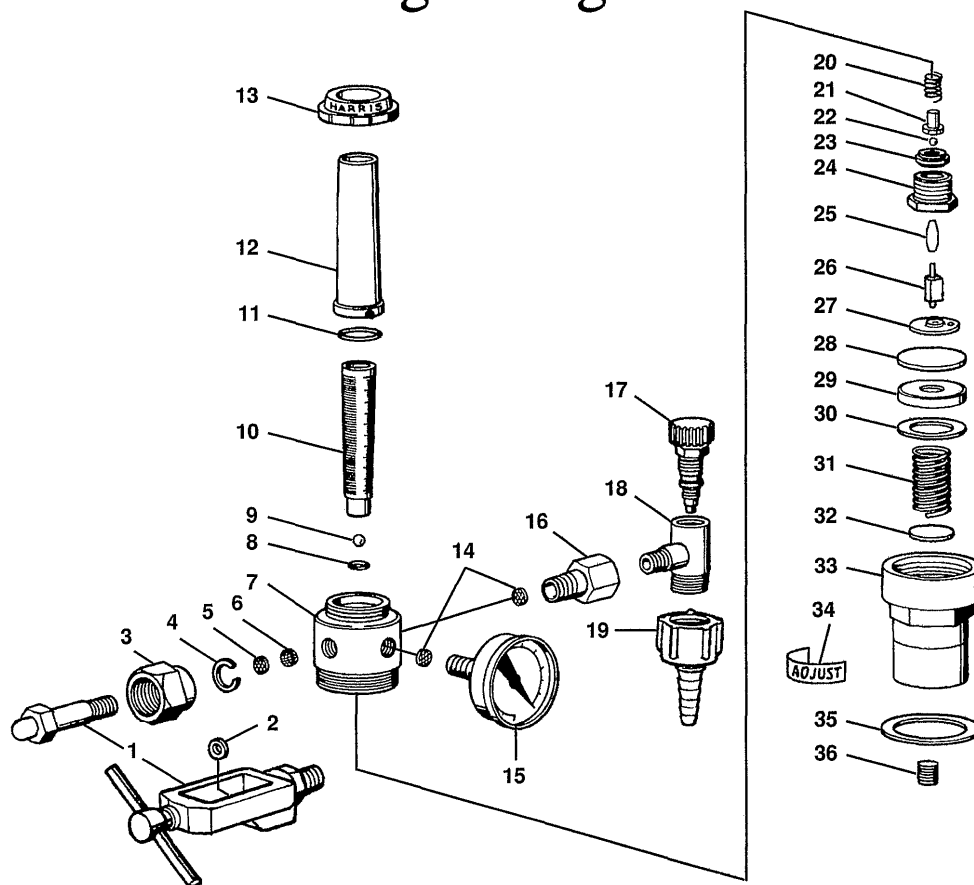


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
2-AR70F-580			Single Stage Flow. Reg.	A	11	9000023	H-321	Flow Tube Cover	A thru F
2-CD70F-320			Single Stage Flow. Reg.	B	12	8805482		Cover Retaining Nut	A thru F
2-HE90F-580			Single Stage Flow. Reg.	C	13	9008148		Filter	A thru F
2-H100F-350			Single Stage Flow. Reg.	D	14	9001036	H-482	Gauge, 4000 PSI	A thru F
2-N90F-580			Single Stage Flow. Reg.	E	15	9000002	H-443	Adaptor, 9/16-18 x 5/8-18 FF	A, B
2-N90F-590			Single Stage Flow. Reg.	F					
1 9002908			Inlet Gasket	B	16	8801022	H-481	Needle Valve Body, R. H.	A-C, E
2 9100704	H-276		Inlet Stem Assembly	A, C, E, F		8801023		Needle Valve Body, L. H.	D, F
9100746	H-282		Inlet Stem Assembly	B	17	9105400	H-479	Needle Valve Stem Assy.	A thru F
9100760	H-283		Inlet Stem Assembly	D	18	9000082	H-190	Valve Spring	A thru F
3 9003048			Inlet Nut	A, C, E	19	9000088	H-194	Valve	A thru F
9002986			Inlet Nut	B	20	9004264	H-316	Valve Seat Ball	A thru F
9003006			Inlet Nut	D	21	9100007	H-048	Seat Assembly	A thru F
9003052			Inlet Nut	F	22	9000020	H-191	Bushing	A thru F
4 9004030	H-239		Retaining Ring	B, D	23	9000094	H-187	Anti-Vibrator	A thru F
5 9001020			Body	A thru F	24	9100966	H-478	Plunger-Disc Assembly	A thru F
6 9004594			O-Ring, Tube Seal	A thru F	25	9000024	H-188	Diaphragm	A thru F
7 9002370	H-445		Ball Float	A, B	26	9000028	H-322	Diaphragm Disc	A thru F
8805406			Ball Float	C	27	9009671	H-423	Spacer Ring	A thru F
8805404			Ball Float	D	28	9000084		Pressure Adjusting Spring	A thru F
8805408			Ball Float	E, F	29	9003974	H-238	Pivot	A thru F
8 9100033	H-309		Flow Tube	A, B	30	9000019		Bonnet	A thru F
9105467			Flow Tube	C	31	9000041		Nameplate, Green	A, C, E, F
9105468			Flow Tube	D		9000147		Nameplate, Black	B
9105466			Flow Tube	E, F		9000051		Nameplate, Red	D
9 8800012			Flow Tube Bumper	A thru F	32	9000064		Pressure Adjusting Screw	A thru F
10 9004634	H-320		O-Ring, Cover Seal	A thru F					

Harris

Model 2MF

Single-Stage Flowmeter Regulator

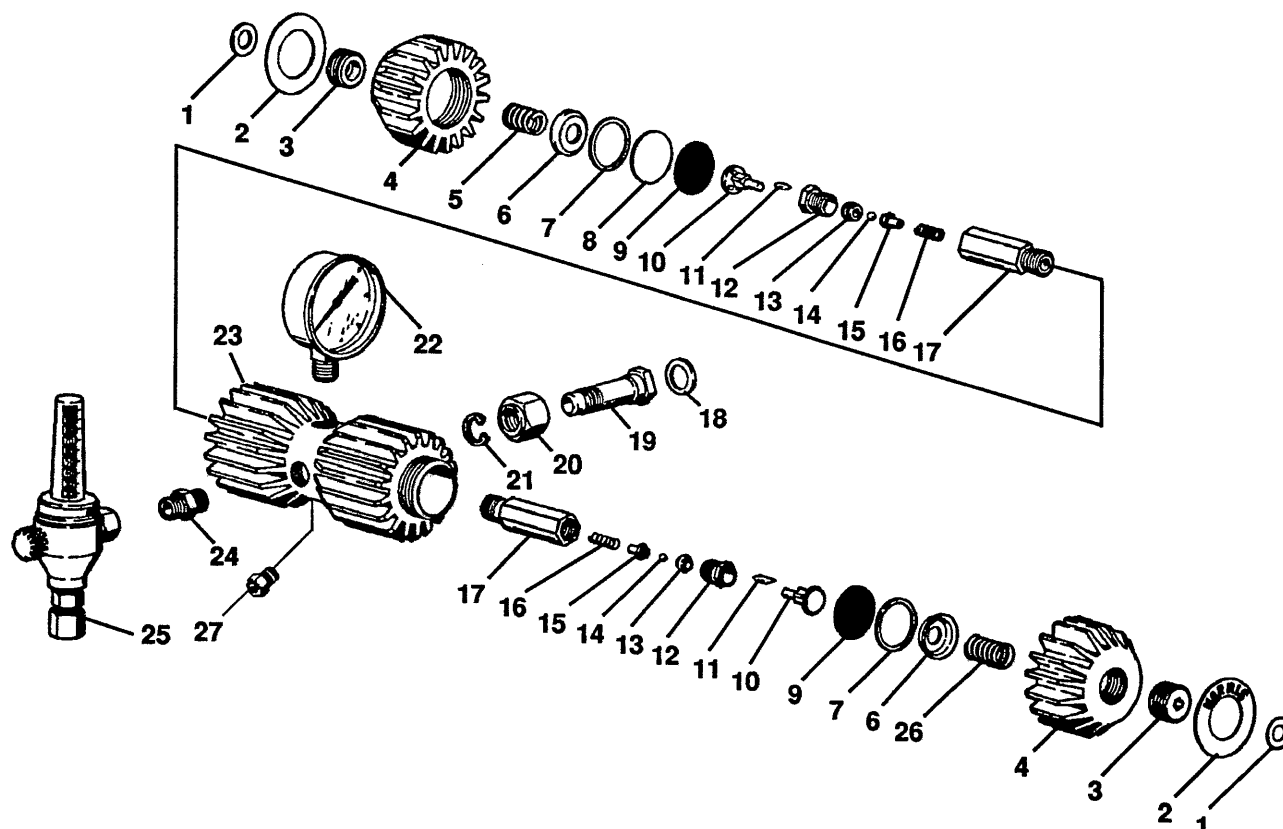


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
2-OX8MF-540			Single Stage Flow. Reg.	A	20	9000082	H-190	Valve Spring	A thru D
2-OX15MF-540			Single Stage Flow. Reg.	B	21	9000092		Valve	A thru D
2-OX8MF-870			Single Stage Flow. Reg.	C	22	9000003		Valve Ball	A thru D
2-OX15MF-870			Single Stage Flow. Reg.	D	23	9100005		Seat Assembly	A thru D
1 9100166			Stem	A, B	24	9000020	H-191	Bushing	A thru D
9100018			Yoke	C, D	25	9000094	H-187	Anti-Vibrator	A thru D
2 9000168		H-453	Seal	C, D	26	9100011		Plunger/Pin Assembly	A thru D
3 9002952			Inlet Nut	A, B	27	9008024	H-323	Plunger Disc	A thru D
4 9004030		H-239	Retaining Ring	A, B	28	9000024	H-188	Diaphragm	A thru D
5 9006903			Screen	A thru D	29	9000028	H-322	Diaphragm Disc	A thru D
6 9004736		H-426	Screen	A thru D	30	9000058	H-189	Diaphragm Slip Ring	A thru D
7 9001033			Body	A thru D	31	9000084		Pressure Adjusting Spring	A thru D
8 9004594			O-Ring, Tube Seal	A thru D	32	9003974	H-238	Pivot	A thru D
9 9005403			Ball Float	A thru D	33	9000018		Bonnet	A thru D
10 9105494			Flow Tube	A, C	34	8809665		Label " Do Not Adjust "	A thru D
9105492			Flow Tube	B, D	35	8801026		Nameplate	A, C
11 9004634		H-320	O-Ring, Cover Seal	A thru D	8801025			Nameplate	B, D
12 9000023			Flow Tube Cover	A thru D	36	9000064		Pressure Adjusting Screw	A thru D
13 9005475			Cover Retaining Nut	A thru D					
14 9008148			Filter (2)	A thru D					
15 9001038			Gauge, 1 1/2" 4000 PSI	A thru D					
16 9001027			Adaptor, 1/4 MNPT x 1/4 FNPT	A thru D					
17 9105454			Needle Valve Stem Assembly	A thru D					
18 9101000			Needle Valve Body	A, C					
9101022			Needle Valve Body	B, D					
19 9100236			Nut/Gland Assy. Diss 1240	A thru D					

Harris

Model 3

Two-Stage Flowmeter Regulator

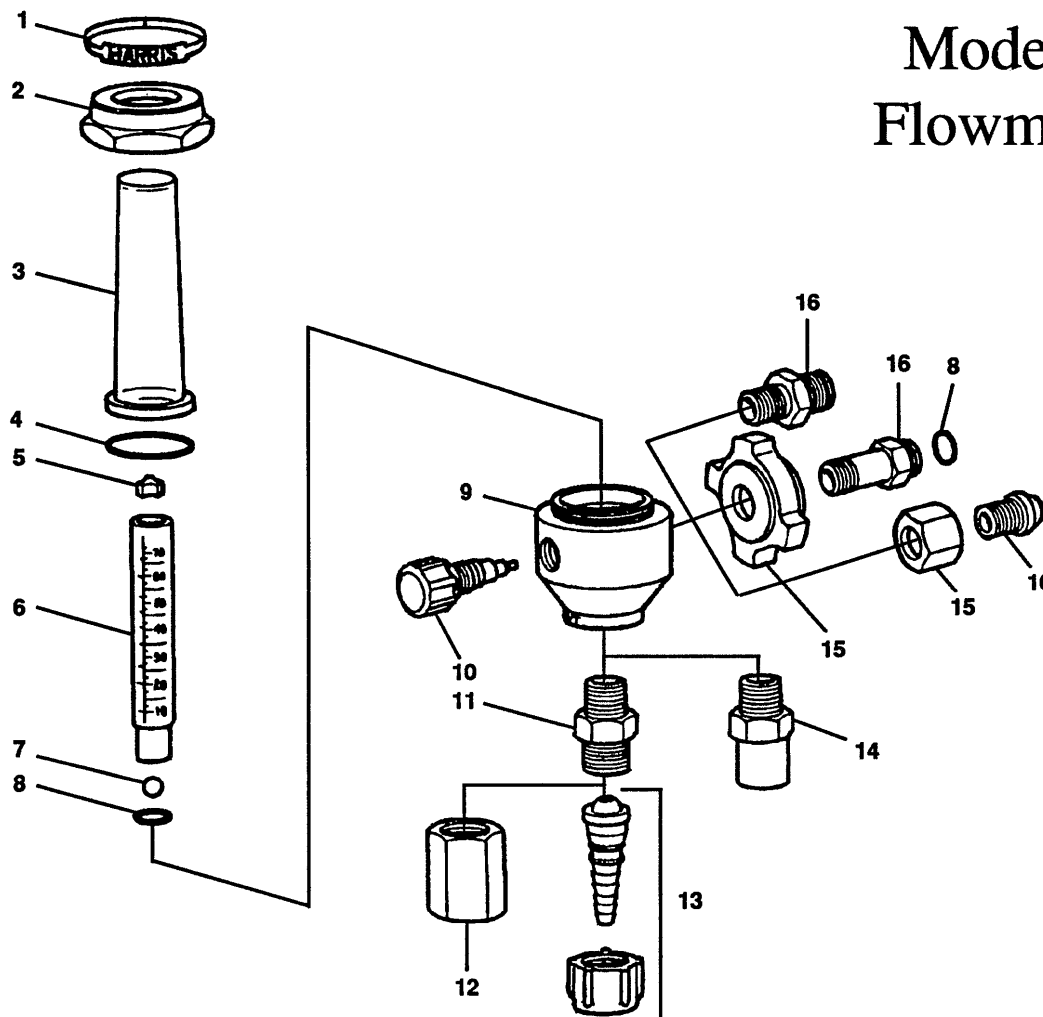


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
3-CD100F-320			Two-Stage Flowmeter Regulator		14	9004264	H-316	Valve Seat Ball (2)	
1	9007019		Decal (2)		15	9000088	H-194	Valve (2)	
2	9007018		Nameplate (2)		16	9000082	H-190	Valve Spring (2)	
3	9007016		Cap Bonnet (2)		17	9007014		Housing Valve (2)	
4	9007012		Bonnet (2)		18	9002908		Inlet Gasket	
5	9004048		First Stage Spring (2)		19	9100746	H-282	Inlet Stem Assembly, CGA 320	
6	9000028	H-322	Diaphragm Pressure Plate (2)		20	9002986		Inlet Nut	
7	9009671	H-423	Spacer Ring		21	9004030	H-239	Inlet Nut Retaining Ring	
8	9009633	H-380	Diaphragm Disc (1st Stage Only)		22	9006138		Gauge, 0-1500 PSI	
9	9009632		Diaphragm (2)		23	9007010		Body	
10	9100966	H-478	Plunger & Disc Assembly (2)		24	9000194		Outlet Nipple, R. H.	
11	9000094	H-187	Anti-Vibrator (2)		25	5400320		Flowmeter Assembly	
12	9000020	H-191	Bushing (2)		26	9000082	H-190	Second Stage Spring	
13	9100007		Seat Assembly (2)		27	9100648		Safety Valve	

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Model 54

Flowmeter

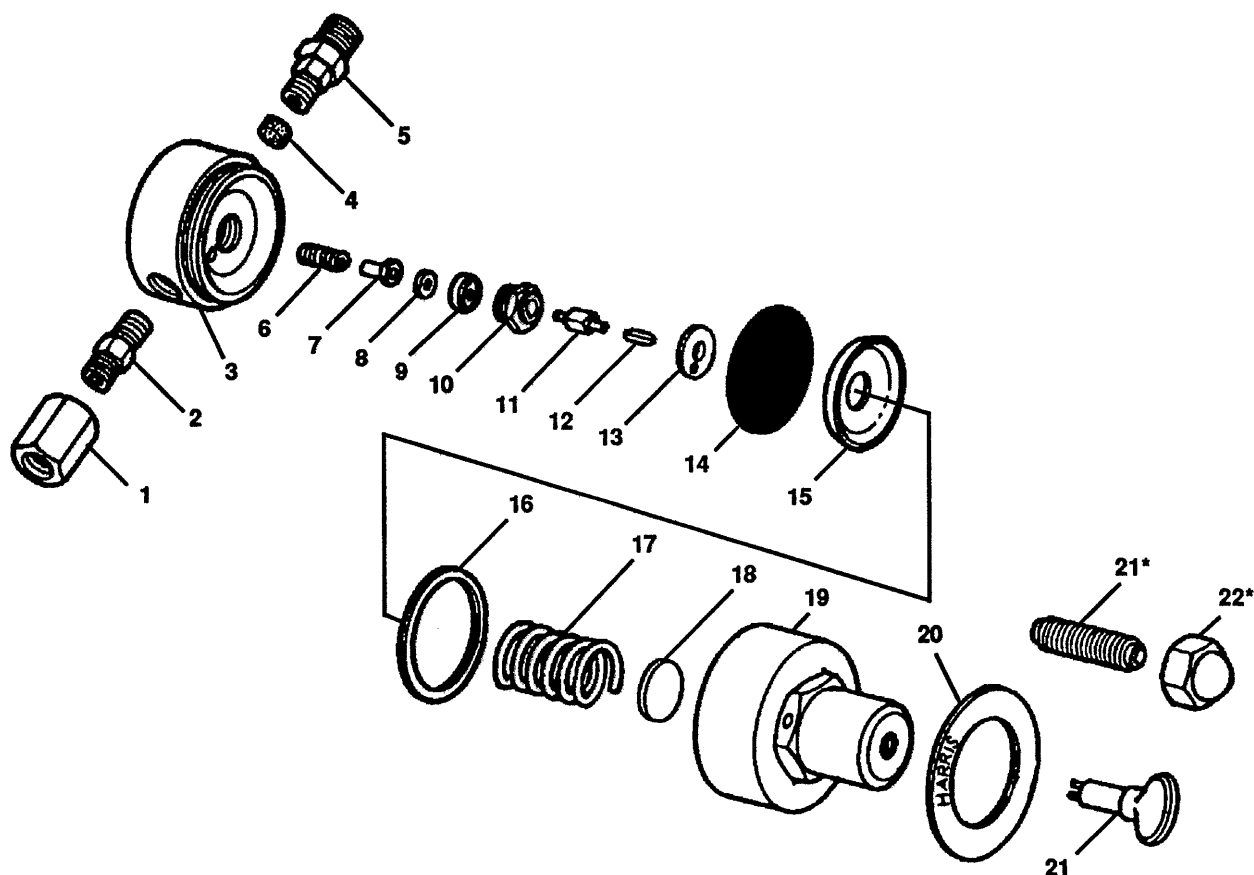


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
54-OX15SLPM			Flowmeter, Medical Oxygen	A	9002370		H-445	Ball Float	G, H
54-OX15SLPM			Flowmeter, Medical Oxygen	B	8805406			Ball Float	J, L
54-OX8SLPM			Flowmeter, Medical Oxygen	C	8805408			Ball Float	K
54-OX8SLPM			Flowmeter, Medical Oxygen	D	8805454			Ball Float	M
54-OX8SLPM			Flowmeter, Medical Oxygen	E	8 9004594			O-Ring (Flow Tube)	A thru M
54-OX15SLPM			Flowmeter, Medical Oxygen	F	9 9005430			Body	A
54-AR/CD70-1/4			Flowmeter, Argon/CO ₂	G	8805430			Body	B thru F
54-AR/CD70			Flowmeter, Argon/CO ₂	H	8805420			Body	G thru M
54-HE90			Flowmeter, Helium	J	10 9105454			Needle Valve Stem Assy.	A thru F
54-N100			Flowmeter, Nitrogen	K	9105400		H-479	Needle Valve Stem Assy.	G thru M
54-CD100			Flowmeter, CO ₂	L	11 9000194			Outlet Nipple	G thru M
54-H100			Flowmeter, Hydrogen	M	12 9000002		H-443	Outlet Coupler 5/8-18	G, H, L
1 8805477			Nameplate	A, C				RH Int.	
8805476			Nameplate	G thru M	13 9100236			Outlet Stem Assembly	A, C, E, F
2 8805484			Flow Tube Retaining Nut	A thru F				w/Nut	
8805482			Flow Tube Retaining Nut	G thru M	14 9105457			Outlet Adaptor 9/16-18	A, B, F
3 9000023	H-321		Flow Tube Cover	A thru M				RH Ext.	
4 9004634	H-320		O-Ring (Flow Tube Cover)	A thru M				Outlet Adaptor 9/16-18	C, D, E
5 8800012			Bumper	G thru M				RH Ext.	
6 9105492			Flow Tube	A, B, F	15 8805459			Inlet Nut	A, C, E, F
9105494			Flow Tube	C, D, E	9000244			Inlet Nut, 9/16-18 RH	H, J, K, L
9100033	H-309		Flow Tube	G, H	9000242			Inlet Nut, 9/16-18 LH	M
9105467			Flow Tube	J	16 9105486			Inlet Stem Assembly	A, C, E, F
9105466			Flow Tube	K	8800508			Inlet, 1/4 MNPT	B, D
9100027			Flow Tube	L	8800512			Inlet, 1/4 MNPT	G
9105468			Flow Tube	M	9001584			Inlet Stem	H thru M
7 9005403			Ball Float	A thru F					

Harris

Models 1-A, 1-P

Gas Guard Regulators

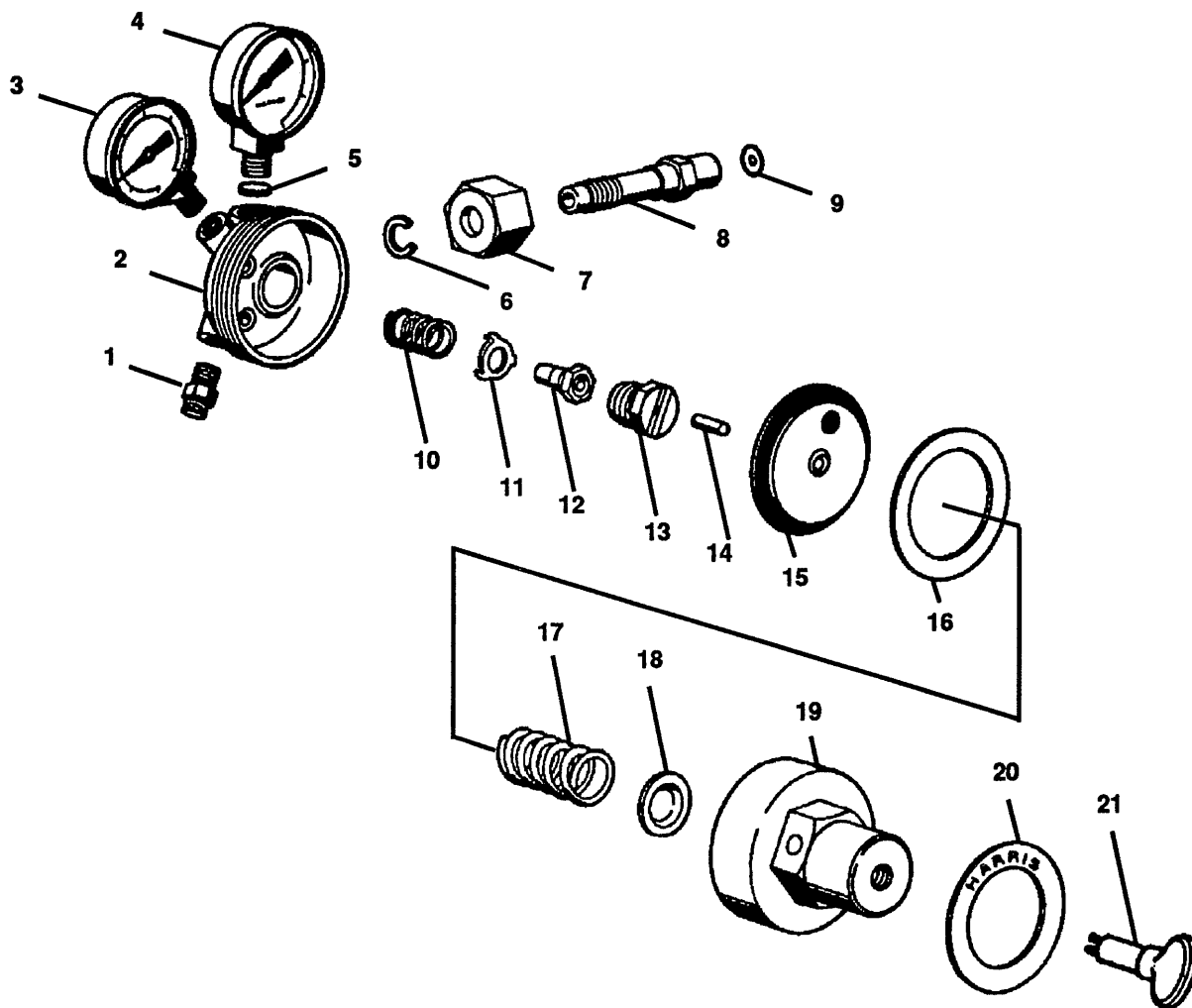


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
1-A			Regulator	A	11	9009667	H-326	Plunger	A, B
1-P			Regulator	B	12	9000096		Anti-Vibrator	A, B
1	9000002	H-443	Adaptor, (1/4 FNPT x 5/8-18 FF)	A, B	13	9008024	H-323	Diaphragm Disc	A, B
2	9000215		Outlet Nipple	A, B	14	9000024	H-188	Diaphragm	A, B
3	9000289		Body	A, B	15	9000028	H-322	Diaphragm Pressure Plate	A, B
4	9008148		Filter	A, B	16	9000058	H-189	Diaphragm Slip Ring	A, B
5	8800527		Adaptor, (5/8-18 R. H. x 1/4 MNPT)	A, B	17	9000311		Pressure Adjusting Spring	A, B
6	9000082	H-190	Valve Spring	A, B	18	9003974	H-238	Pivot	A, B
7	9000090	H-195	Valve	A, B	19	9000018		Bonnet	A, B
8	9000070	H-193	Valve Seat	A, B	20	9000175		Nameplate, Orange	A
9	9000032	H-192	Housing	A, B		9000163		Nameplate, Orange	B
10	9000020	H-191	Bushing	A, B	21	9100336		Adjusting Key Assembly	A
						9000066		Adjusting Screw	B
					22	9000036		Cap Nut	B

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Model 25-A

Gas Guard Regulator

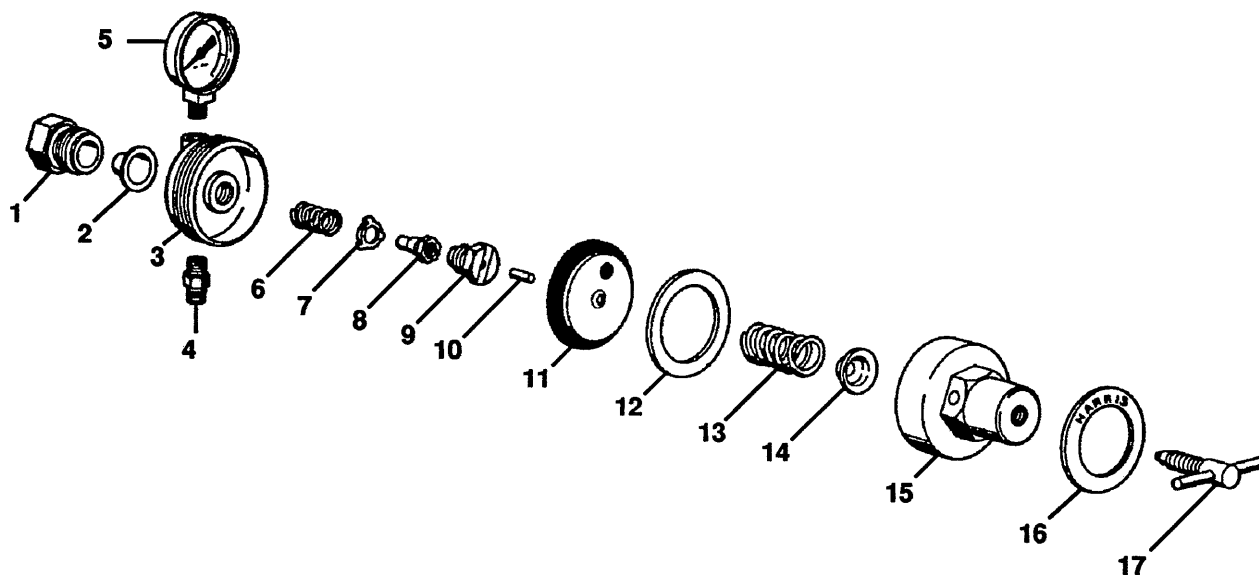


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	25-A-320		Regulator	A	10	9004056	H-174	Valve Spring	A, B
	25-A-580		Regulator	B	11	9004076	H-176	Anti-Vibrator	A, B
1	9000209		Outlet Nipple	A, B	12	9100774	H-007	Valve	A, B
2	9008268		Body	A, B	13	9001122	H-130	Nozzle	A, B
3	9006133		Outlet Flow Gauge, 60 CFH	A, B	14	9004018	H-006	Plunger	A, B
4	9006135		Inlet Pressure Gauge, 4000 PSI	A, B	15	9100146	H-049	Diaphragm Assembly	A, B
5	9004736	H-426	Filter	A, B	16	9001230	H-131	Diaphragm Slip Ring	A, B
6	9004030	H-239	Retaining Ring	A, B	17	9000314		Adjusting Spring	A, B
7	9002986		Inlet Nut	A	18	9003978		Pivot	A, B
	9003048		Inlet Nut	B	19	9100338		Bonnet	A, B
8	9100746	H-282	Inlet Stem Assembly	A	20	9001140		Nameplate, Orange	A, B
	9100704	H-276	Inlet Stem Assembly	B	21	9100336		Adjusting Key Assembly	A, B
9	9002908		Inlet Gasket	A					

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Model 47-A

Gas Guard Regulator

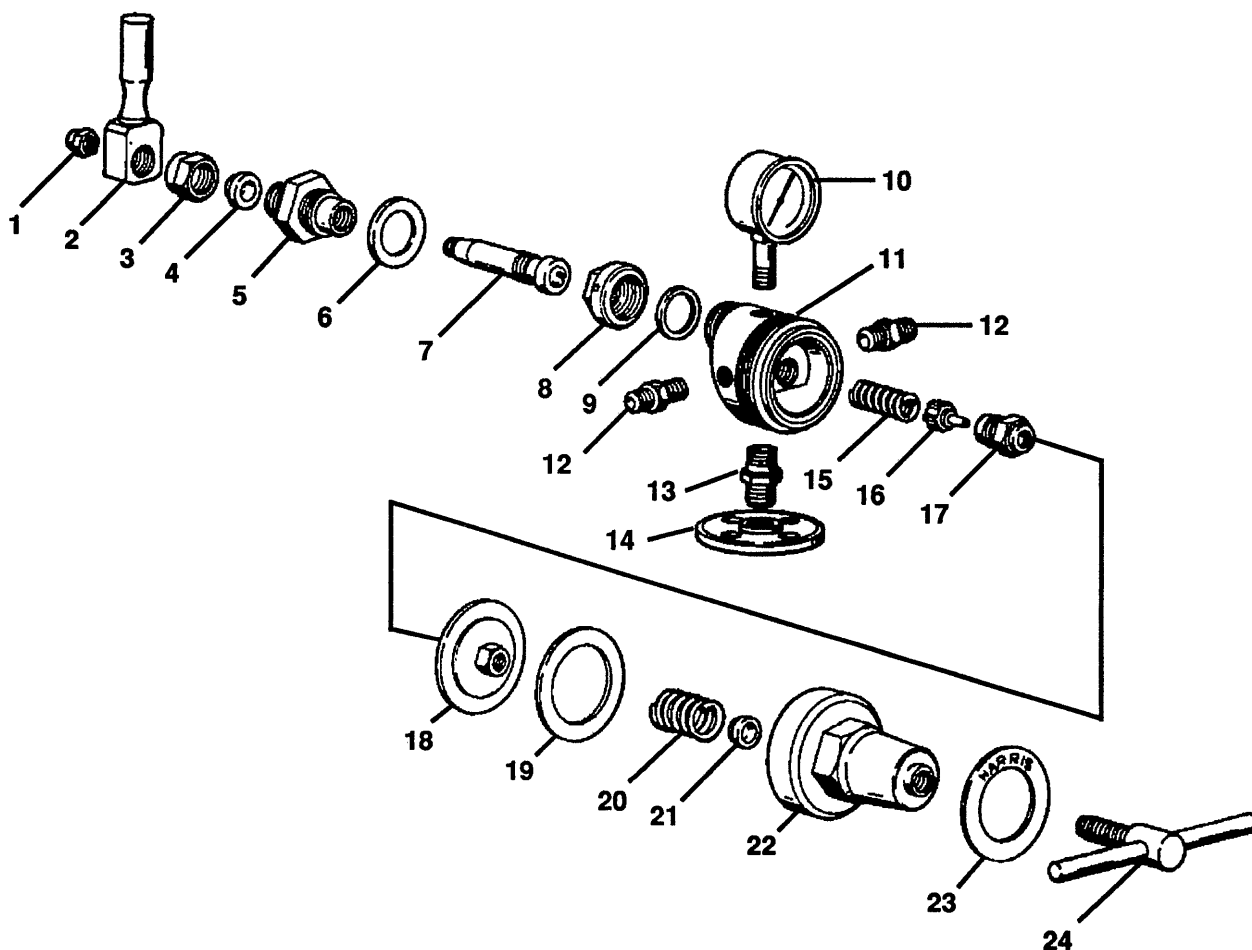


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
47-A			Regulator		14	9003978		Pivot	
1	9001907	H-422	Inlet Nut (Inlet Conn. 1/4 FNPT)		15	9100338		Bonnet	
2	9001913		Filter		16	9001141		Nameplate, Orange	
3	9001897		Body		17	9100336		Adjusting Key Assembly	
4	9000209		Outlet Nipple						
5	9006133		Outlet Flow Gauge, 60 CFH						
6	9004056	H-174	Valve Spring						
7	9004076	H-176	Anti-Vibrator						
8	9100774	H-007	Valve						
9	9001906		Nozzle						
10	9004018	H-006	Plunger						
11	9100146	H-049	Diaphragm Assembly						
12	9001230	H-131	Diaphragm Slip Ring						
13	9000314		Adjusting Spring						

Harris

Model 48-DC

Gas Saver Regulator

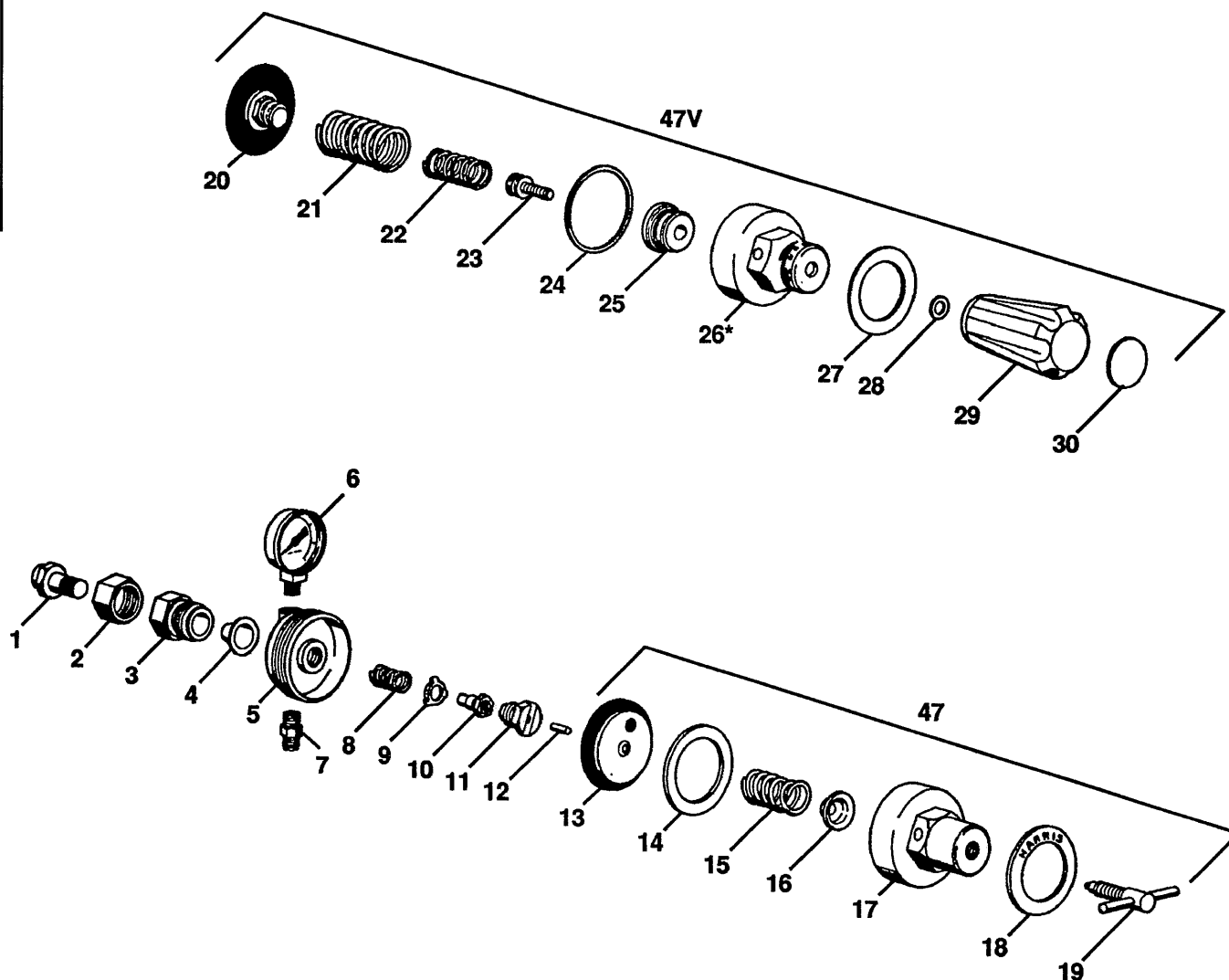


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	48-DC		Gas Saver Regulator	A		9000184		Inlet & Outlet Nipple (2)	B
	48-DCA		Gas Saver Regulator	B	13	9001962		Supporting Stem	A, B
1	9001940		Auxiliary Valve Retaining Nut	A, B	14	9001916		Flanged Base	A, B
2	9001932		Aux. Valve Actuating Lever	A, B	15	9004176		Valve Spring	A, B
3	9001938		Auxiliary Valve Packing Nut	A, B	16	9100800		Regulator Valve Assembly	A, B
4	9001942		Auxiliary Valve Stem Packing	A, B	17	9100784	H-013	Seat-Nozzle Assembly	A, B
5	9100354		Auxiliary Valve Nut Assembly	A, B	18	9100792	H-303	Diaphragm Assembly	A, B
6	9001930		Gasket	A, B	19	9004194	H-054	Diaphragm Gasket	A, B
7	9100352		Auxiliary Valve Stem Assy.	A, B	20	9004170	H-300	Pressure Adjusting Spring	A
8	9004096		Rear Bonnet	A, B		9004064	H-376	Pressure Adjusting Spring	B
9	9003952	H-055	Nylon Gasket	A, B	21	9004138		Pivot	A, B
10	9006065		Gauge, 200 PSI	A	22	9100806		Bonnet	A, B
	9006102		Gauge, 30 PSI	B	23	9001944		Nameplate, Green	A
11	9100350		Body	A, B		9001945		Nameplate, Red	B
12	9000194		Inlet & Outlet Nipple (2)	A	24	9100796		Adjusting Screw Assembly	A, B

Harris

Models 47

Line Regulators/Vacuum Regulators



Harris

Models 47

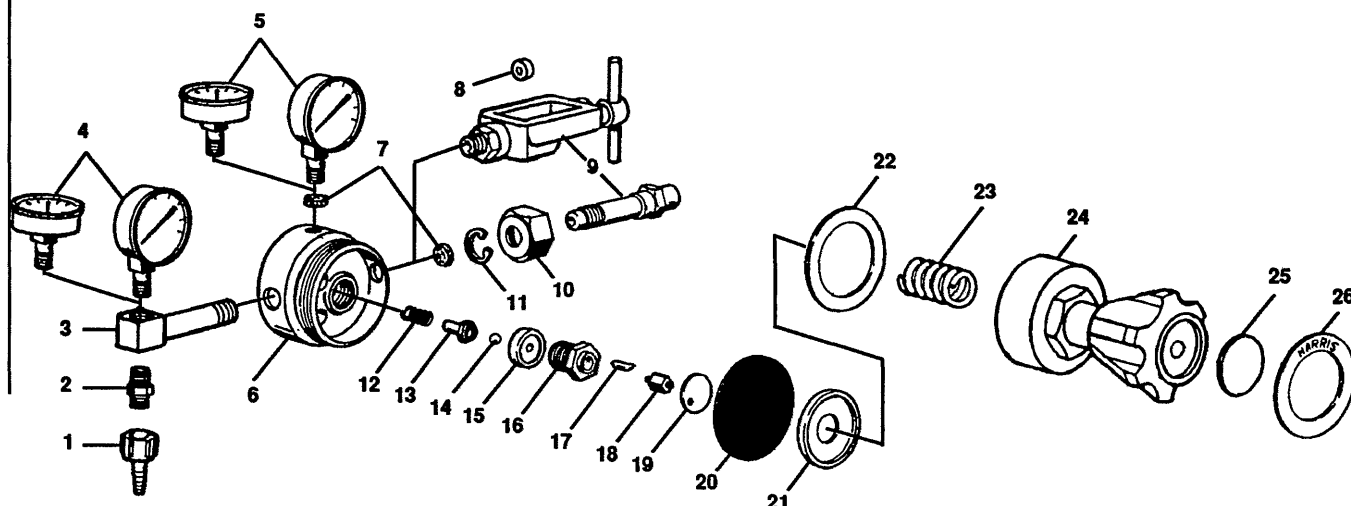
Line Regulators/Vacuum Regulators

REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	47-15-CL		Line Regulator	A		9100673		Valve Seat	N
	47-50-CL		Line Regulator	B	11	9001906		Nozzle	A thru N
	47-50-CR		Line Regulator	C	12	9004018	H-006	Valve Plunger	A thru N
	47-125-CR		Line Regulator	D	13	9100146	H-049	Diaphragm Assembly	A thru M
	47-200-CR		Line Regulator	E	14	9001230	H-131	Diaphragm Slip Ring	A thru M
	47-1-1/4L		Line Regulator	F	15	9001240		Pressure Adjusting Spring	A, G, H
	47-15-1/4L		Line Regulator	G		9001388		Pressure Adjusting Spring	B, C, J, K
	47-15-1/4R		Line Regulator	H		9004058		Pressure Adjusting Spring	D, L
	47-50-1/4L		Line Regulator	J		9004170	H-300	Pressure Adjusting Spring	E, M
	47-50-1/4R		Line Regulator	K		9001710		Pressure Adjusting Spring	F
	47-125-1/4R		Line Regulator	L	16	9002168	H-296	Pivot	A-D, G-L
	47-200-1/4R		Line Regulator	M		9004138		Pivot	E, M
	47-V-1/4R		Vacuum Regulator	N		9003978		Pivot	F
1	9008127		Inlet Stem	A thru E	17	9001062	H-333	Bonnet	A-D, F-L
2	9000254		Inlet Nut	A, B		9100186		Bonnet	E, M
	9000256		Inlet Nut	C, D, E	18	9001154		Nameplate, Red	A, B, F, G, I
3	9001907		Inlet Connection Nut	A thru N		9001155		Nameplate, Green	C-E, H, K-M
4	9001913		Mesh Screen Filter	A thru N					
5	9001897		Body	A thru N	19	9100328	H-202	Pressure Adjusting Key	A-D, G-L
6	9006127		Outlet Pressure Gauge, 0-30 PSI, 2"	A, G, H,		9100796		Pressure Adjusting Key	E, M
	9006120		Outlet Pressure Gauge, 0-60 PSI, 2"	B, C, J, K		9100272		Pressure Adjusting Key	F
	9006125		Outlet Pressure Gauge, 0-150 PSI, 2"	D, L		9104755		Pressure Adjusting Key	N
	9006130		Outlet Pressure Gauge, 0-400 PSI, 2"	E, M	20	9100347		Diaphragm Assembly	N
	9000306		Outlet Gauge, Plug	F, N	21	9004755		Compression Spring	N
7	9000184		Outlet Nipple	A, B, F, G, J	22	9001712		Adjusting Spring	N
	9000194		Outlet Nipple	C-E, H-L, N	23	9001692		Adjusting Screw	N
8	9004056	H-174	Valve Spring	A-E, G-M	24	9001230	H-131	Diaphragm Slip Ring	N
	9001917		Valve Spring	F, N	25	9100345		Bonnet Bushing Assembly	N
9	9004076	H-176	Anti-Vibrator Washer	A thru N				(Use 9001915 Screw (Not Shown) to Retain Item 25)	
10	9100774	H-007	Valve Seat	A thru M	26	9001898		Bonnet	N
					27	9008121		Nameplate	N
					28	9001919		Washer	N
					29	9104755		Knob Assembly	N
					30	9004765		Nameplate Disc	N

Harris

Model 1

Single Stage Metering Regulator

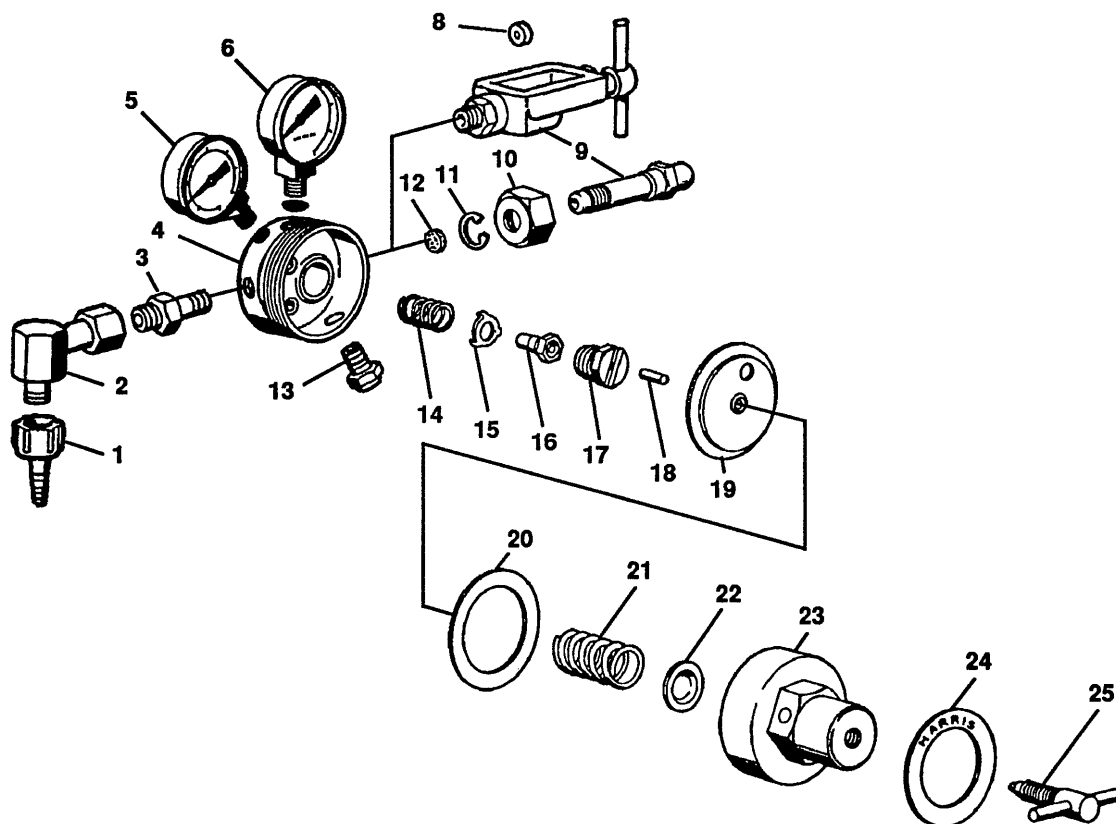


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
1-OX8CB-870			Sngl. Stg. Metering Reg.	A		9006043		Inlet Press. Gauge, 1500 PSI-2"	C, D, E
1-OX15CB-870			Sngl. Stg. Metering Reg.	B		9006015		Inlet Press. Gauge, 4000 PSI-1 1/2"	G, H, J
1-N2O15M-910			Sngl. Stg. Metering Reg.	C					
1-OX5L-540			Sngl. Stg. Metering Reg.	D					
1-OX8M-540			Sngl. Stg. Metering Reg.	E	6	9000294		Body	A, B
1-OX15L-540			Sngl. Stg. Metering Reg.	F		9000291		Body	C, G, J
1-OX5M-870			Sngl. Stg. Metering Reg.	G		9000267		Body	D, E, F
1-OX8M-870			Sngl. Stg. Metering Reg.	H	7	9008148		Filter	A thru J
1-OX15M-870			Sngl. Stg. Metering Reg.	J	8	9000168	H-453	Seal (Part of Yoke)	A-C, G-J
1 9100236			Nut/Gland Assy. Diss 1240	A, B, D-J	9	9100018		Yoke	A, B, G-J
2 9100280			Metering Nipple, 9/16-18 R. H.	A, E, H		9100003		Yoke	C
						9100166		Stem	D, E, F
	9100162		Metering Nipple, 9/16-18 R. H.	B, F, J	10	9002952		Inlet Nut	D, E, F
					11	9004030	H-239	Retaining Ring	D, E, F
	9100258		Metering Nipple, Diss 1240	C	12	9000082	H-190	Valve Spring	A thru J
	9100247		Metering Nipple, 9/16-18 R. H.	D, G	13	9000088	H-194	Valve	A thru J
3 9000034			Nipple	C, G-J	14	9004264	H-316	Ball Seat	A thru J
	9000268		Nipple	D, E, F	15	9100007	H-048	Seat Assembly	A thru J
4 9001044			Out. Press. Gauge, 8 LPM (CB) 1-1/2"	A	16	9000020	H-191	Bushing	A thru J
	9000140		Out. Press. Gauge, 15 LPM (CB) 1 1/2"	B	17	9000094	H-187	Anti-Vibrator	A thru J
	9006017		Out. Press. Gauge, 15 LPM 2"	C	18	9000164	H-325	Plunger	A thru J
	9006027		Out. Press. Gauge, 5 LPM-2"	D	19	9008024	H-323	Plunger Disc	A thru J
	9006028		Out. Press. Gauge, 8 LPM-2"	E	20	9000024		Diaphragm	A thru J
	9006010		Out. Press. Gauge, 8 LPM-2"	F	21	9000028	H-322	Diaphragm Disc	A thru J
	9006029		Out. Press. Gauge, 5 LPM-1 1/2"	G	22	9000058	H-189	Diaphragm Slip Ring	A thru J
	9006018		Out. Press. Gauge, 8 LPM-1 1/2"	H	23	9000078	H-084	Pressure Adj. Spring	A thru J
	9006020		Out. Press. Gauge, 15 LPM-1 1/2"	J	24	9101111		Bonnet/Adj. Knob Assembly	A thru J
5 9001038			Inlet Press. Gauge, 4000 PSI(CB) 1 1/2"	A, B	25	8800168		Nameplate, Knob	A, B, D-J
						8800169		Nameplate, Knob	C
					26	8800212		Nameplate, Bonnet	A
						8800211		Nameplate, Bonnet	B
						8800167		Nameplate, Bonnet	C
						8800213		Nameplate, Bonnet	D
						8800215		Nameplate, Bonnet	E
						8800214		Nameplate, Bonnet	F
						8800216		Nameplate, Bonnet	G
						8800166		Nameplate, Bonnet	H
						8800165		Nameplate, Bonnet	J

Harris

Model 25-3

Large Single Stage Metering Regulator

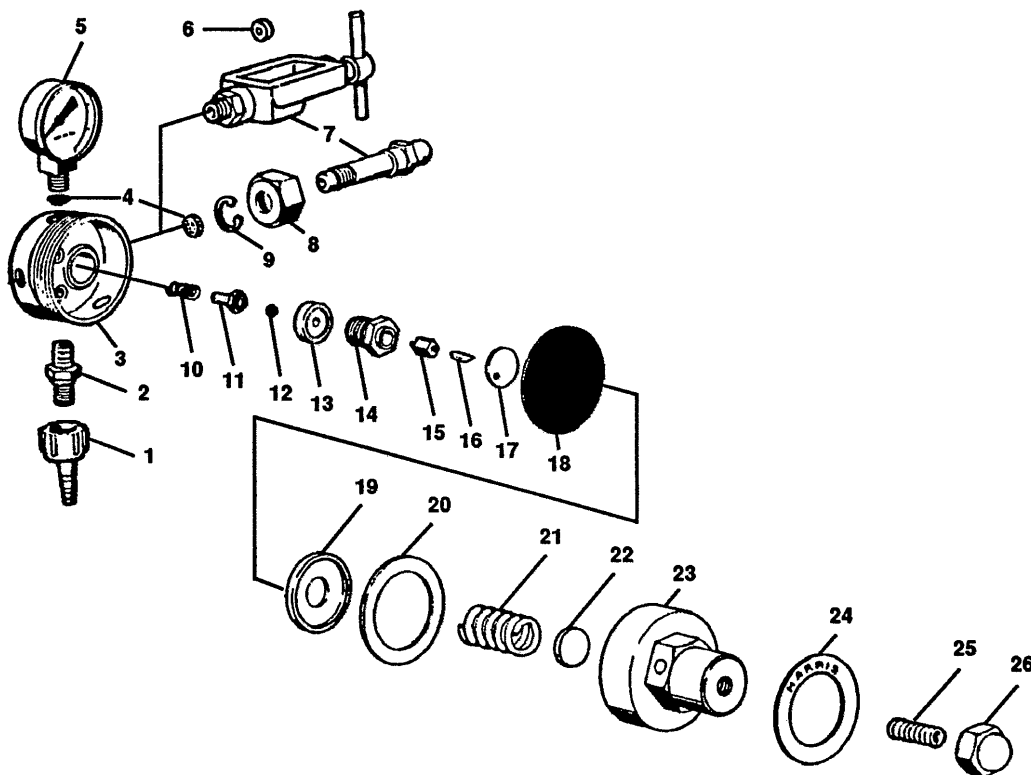


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
25-30X15M-280			Lge. Single Stage Metering Regulator	A	14	9004056	H-174	Valve Spring	A, B, C
25-30X15M-540			Lge. Single Stage Metering Regulator	B	15	9004076	H-176	Anti-Vibrator	A, B, C
25-30X15M-870			Lge. Single Stage Metering Regulator	C	16	9100774	H-007	Valve Seat	A, B, C
			Lge. Single Stage Metering Regulator	C	17	9001122	H-130	Nozzle	A, B, C
1	9100236		Nut/Gland Assembly Diss 1240	A, B, C	18	9004018	H-006	Plunger	A, B, C
2	9004440		JM Adaptor, 9/16-18 x 9/16-18	A, B, C	19	9100158		Diaphragm Assembly	A, B, C
3	9100164		Metering Nipple	A, B, C	20	9001230		Diaphragm Slip Ring	A, B, C
4	9000297		Body	A, B, C	21	9001388		Pressure Adjusting Spring	A, B, C
5	9006010		Outlet Gauge, 2" 0-15 LPM	A, B, C	22	9003978		Pivot	A, B, C
6	9006032		Inlet Gauge, 2" 0-3000 PSI	A, B, C	23	9001062	H-333	Bonnet	A, B, C
7	9004736	H-426	H. P. Gauge Screen	A, B, C	24				
8	9000168		Seal (Part of Yoke)	A, B, C	25	9100330		Adjusting Key	A, B, C
9	9100018		Yoke	A					
	9100166		Stem	B					
	9100706		Stem	C					
10	9002952		Inlet Nut	B					
	9002965		Inlet Nut	C					
11	9004030	H-239	Retaining Ring	B, C					
12	9008148		Inlet Filter	A, B, C					
13	9100646		Safety Valve	A, B, C					

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Model 1-P

Single Stage Preset Regulator

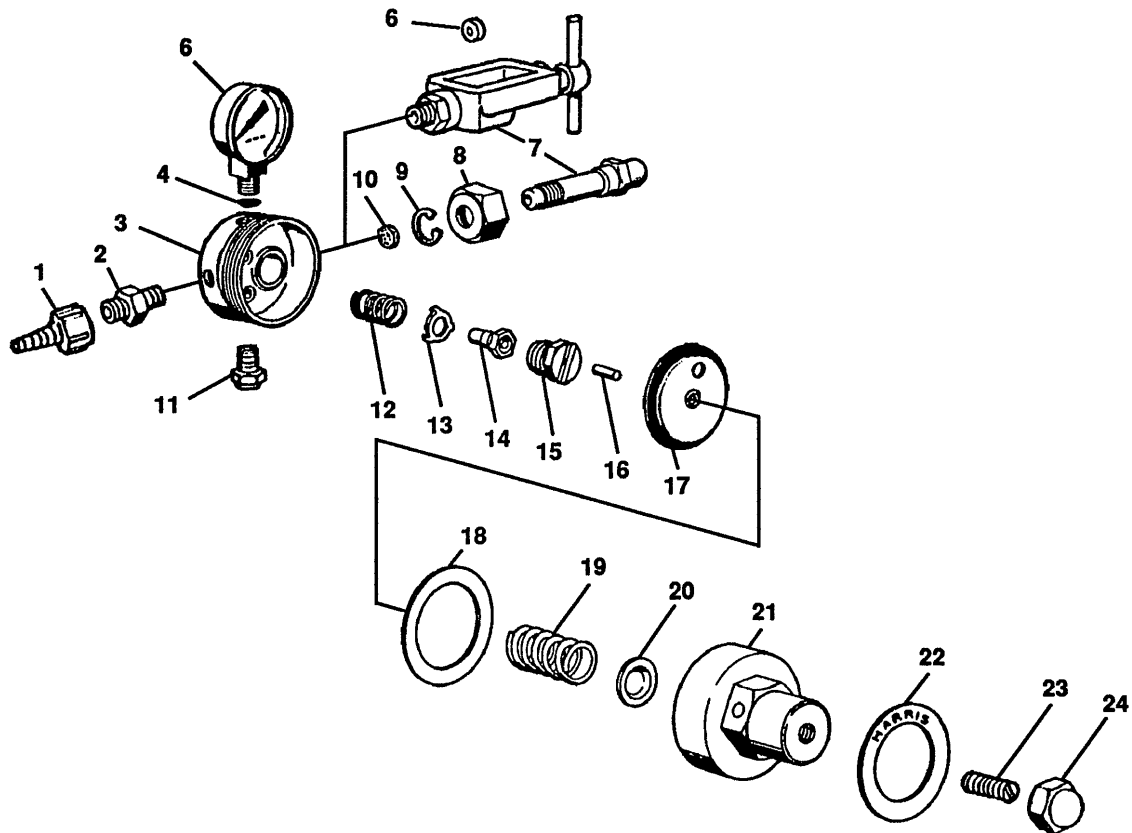


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
1-50PR-326			Single Stage Preset Reg.	A	14	9000020	H-191	Bushing	A thru F
1-50PR-540			Single Stage Preset Reg.	B	15	9000164	H-325	Plunger	A thru F
1-50PL-870			Single Stage Preset Reg.	C	16	9000094	H-187	Anti-Vibrator	A thru F
1-50PR-870			Single Stage Preset Reg.	D	17	9008024	H-323	Diaphragm Disc	A thru F
1-50PL-910			Single Stage Preset Reg.	E	18	9000024	H-188	Diaphragm	A thru F
1-50PR-910			Single Stage Preset Reg.	F	19	9000028	H-322	Diaphragm Pressure Plate	A thru F
1 9100236			Nut/Gland Assembly	B, C, D	20	9000058	H-189	Diaphragm Slip Ring	A thru F
2 9001116			Outlet, Diss 1040	A, E, F	21	9000084		Pressure Adjusting Spring	A thru F
9000198			Outlet, 9/16-18 R. H.	B, C, D	22	9003974	H-238	Pivot	A thru F
3 9000014			Body	A, B, D, F	23	9000018		Bonnet	A thru F
9000290			Body	C, E	24	9000041		Nameplate	A
4 9008148			Filter (2)	A thru F		8802562		Nameplate	B, C, D
5 9006015			Inlet Press.Gauge, 4000 PSI 1-1/2"	A thru D		8802564		Nameplate	E, F
9006043			Inlet Press Gauge, 1500 PSI, 1-1/2"	E, F	25	9000066		Adjusting Screw	A thru F
6 9000168	H-453		Washer	C thru F	26	9000036		Cap Nut	A thru F
7 9100161			Inlet Stem	A					
9100166			Inlet Stem	B					
9100018			Yoke	C, D					
9100003			Yoke	E, F					
8 9002967			Inlet Nut	A					
9002952			Inlet Nut	B					
9 9004030	H-239		Retaining Ring	A, B					
10 9000082	H-190		Valve Spring	A thru F					
11 9000088	H-194		Valve	A thru F					
12 9004264	H-316		Ball	A thru F					
13 9100007	H-048		Seat Assembly	A thru F					

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Model 25-P

Large Single Stage Preset Regulator

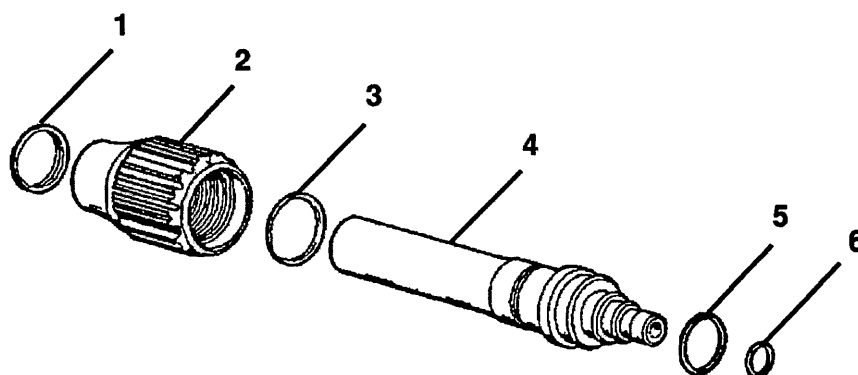


REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
25-2-T50P-320			Lge. Sgl. Stg. Preset, Carbon Dioxide	A	9100709			Inlet Stem or Yoke	C
25-2-T50P-326			Lge. Sgl. Stg. Preset, Nitrous Oxide	B	9100166			Inlet Stem or Yoke	D
25-2-T50P-346			Lge. Sgl. Stg. Preset, Air	C	9100018			Inlet Stem or Yoke	E, F
25-2-T50P-540			Lge. Sgl. Stg. Preset, Oxygen	D	8 9002987			Inlet Nut	A
25-2-T50P-870			Lge. Sgl. Stg. Preset, Oxygen	E	9002967			Inlet Nut	B
25-2-T50P-910			Lge. Sgl. Stg. Preset, Nitrous Oxide	F	9002970			Inlet Nut	C, D
1 9100326			Nut/Gland Assembly	D, E	9 9004030	H-239		Retaining Ring	A thru D
2 9001118			Diss 1080	A	10 9008148			Inlet Filter	A thru F
9001116			Diss 1040	B, F	11 9100646			Relief Valve	A thru F
9001117			Diss 1160	C	12 9004056	H-174		Valve Spring	A thru F
9000198			9/16"-18 R. H.	D, E	13 9004076	H-176		Anti-Vibrator	A thru F
3 9000296			Body	A thru F	14 9100774	H-007		Valve	A thru F
4 9004736		H-426	Inlet Press. Gauge Screen	A thru F	9100774	H-007.2		Valve, Viton	D, E
5 9006007			Inlet Pressure Gauge, 2"-1500 PSI	A	15 9001122	H-130		Nozzle	A thru F
9006011			Inlet Pressure Gauge, 2"-1500 PSI	B, F	16 9004018	H-006		Plunger	A thru F
9006033			Inlet Pressure Gauge, 2"-4000 PSI	C	17 9100146	H-049		Diaphragm	A thru F
9006032			Inlet Pressure Gauge, 2"-4000 PSI	D, E	18 9001230	H-131		Diaphragm Slip Ring	A thru F
6 9002908			Inlet Gasket	A	19 9004046			Pressure Adjusting Spring	A thru F
9000168		H-453	Inlet Gasket	E, F	20 9002168	H-296		Pivot	A thru F
7 9100707			Inlet Stem or Yoke	A	21 9001062	H-333		Bonnet	A thru F
9100161			Inlet Stem or Yoke	B	22 9001170			Nameplate	A
					9001172			Nameplate	B, C, F
					9001168			Nameplate	D, E
					23 9001232			Adjusting Screw	A thru F
					24 9001136			Cap Nut	A thru F
					9001170			Decal (Not Shown)	A
					9001172			Decal (Not Shown)	B, F
					9001168			Decal (Not Shown)	D, E

Harris

Models V-W, V-W1 and V-W2

V Series Mixers



REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE	REF. NO.	MFG. NO.	S-S NO.	DESCRIPTION	CODE
	V-W		Mixer	A	6	9004594		Small O-Ring	A, C
	V-W1		Mixer	B		9005225		Small O-Ring	B
	V-W2		Mixer	C		9115214		Assembly Complete	A
1	9001850		Retaining Ring	A, C		9115213		Assembly Complete	B
	9004953		Retaining Ring	B		9115217		Assembly Complete	C
2	9115235		Torch Nut	A, C					
	9005224		Torch Nut	B					
3	9001868	H-136	Slip Ring	A, C					
4			Body - Not Sold Separately						
5	9004598	H-092	Large O-Ring	A, C					
	9005226		Large O-Ring	B					