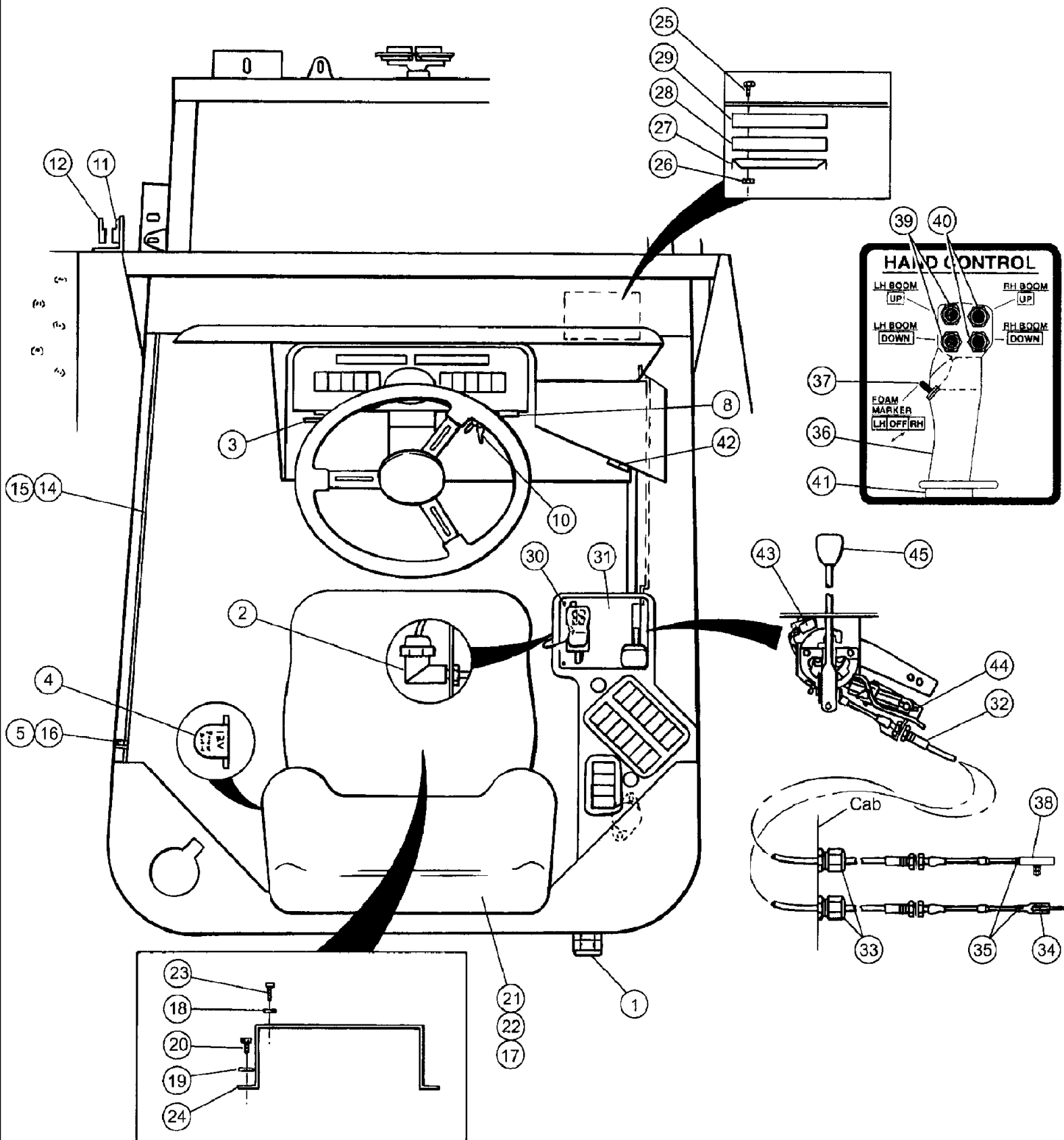


## 01-002 CAB INTERIOR - CONTROL PANELS

сылка	Номер детали	Кол-во	Описание
1	BN50795	4	NUT, hex, steel, #8-32
2	BN52046	4	BOLT, phillip, SS, PH, 8-32 x 1/2
3	BN52047	11	SCREW, phillip, SS, PH, #8 x 3/4
4	BN65931	10	PANEL, switch mount, end
5	BN65932	18	PANEL, swich mount, middle
6	BN65933	11	PLUG, switch mount panel
7	BN65934	5	SWITCH, single pole, on-off
8	BN65935	1	ACTUATOR, headlight switch, road lights
9	BN65936	2	ACTUATOR, floodlight switch
10	BN65937	1	ACTUATOR, domelight switch
11	BN311377	1	SWITCH, handle, on-off, parking brake
12	BN65940	1	SWITCH, handle, off-on-on , wiper
13	BN65943	1	LIGHT, cluster, LH, 6
	BN301816	6	BULB, 12V
	BN301817	6	SOCKET, bulb
14	BN65944	1	LIGHT, cluster, RH, 6
	BN301816	6	BULB, 12V
	BN301817	6	SOCKET, bulb
15	BN65946	1	ACTUATOR, hazard warning
16	BN67305	1	TACHOMETER, 0-4000
	BN301813	1	BULB, 12V
	BN301814	1	SOCKET, bulb
	BN301815	1	LIGHT, filter lamp, green
17	BN68649	1	PANEL, INSTRUMENTS, dash,
	BN319894	6	FASTENER, "U" fastener, #8 SCR/.12 panel
18	BN65934	3	SWITCH, single pole, on-off, boom shutoff
	BN65938	3	ACTUATOR, switch, boom shutoff
19	BN65934	1	SWITCH, single pole, on-off, liquid pump
20	BN65938	1	ACTUATOR, switch, liquid pump
21	BN65942	6	SWITCH, handle, on-off-on, inner outer boom fold, boom height sparge axle adj.
	BN302318	1	TOOL, switch removal
22	BN310117	1	PLATE, MOUNT, 14GA, HRS 6.5 x 7.75
	BN319894	4	FASTENER, "U" FASTENER, #8 SCR/.12 panel
23	BN301708	1	KNOB, CONTROL PRESSURE, foam marker
24	BN66267	1	PLATE, MOUNT, 14GA. HRS 3.37 x 5.62
	BN319894	4	FASTENER, "U" FASTENER, #8 SCR/.12 panel
25	BN67971	6	FASTENER, #8 tinnerman
26	342465A1	1	SWITCH, ASSEMBLY, range select

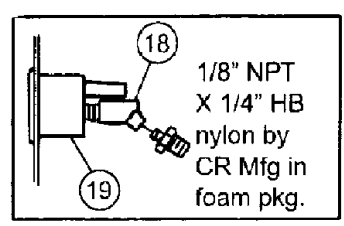
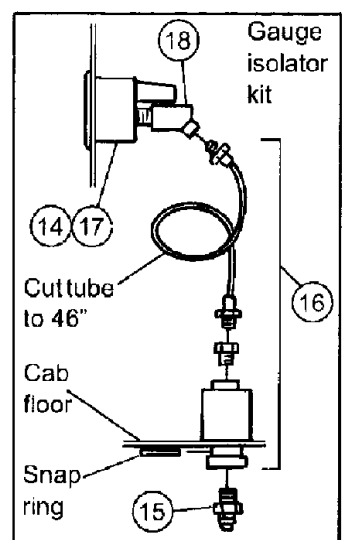
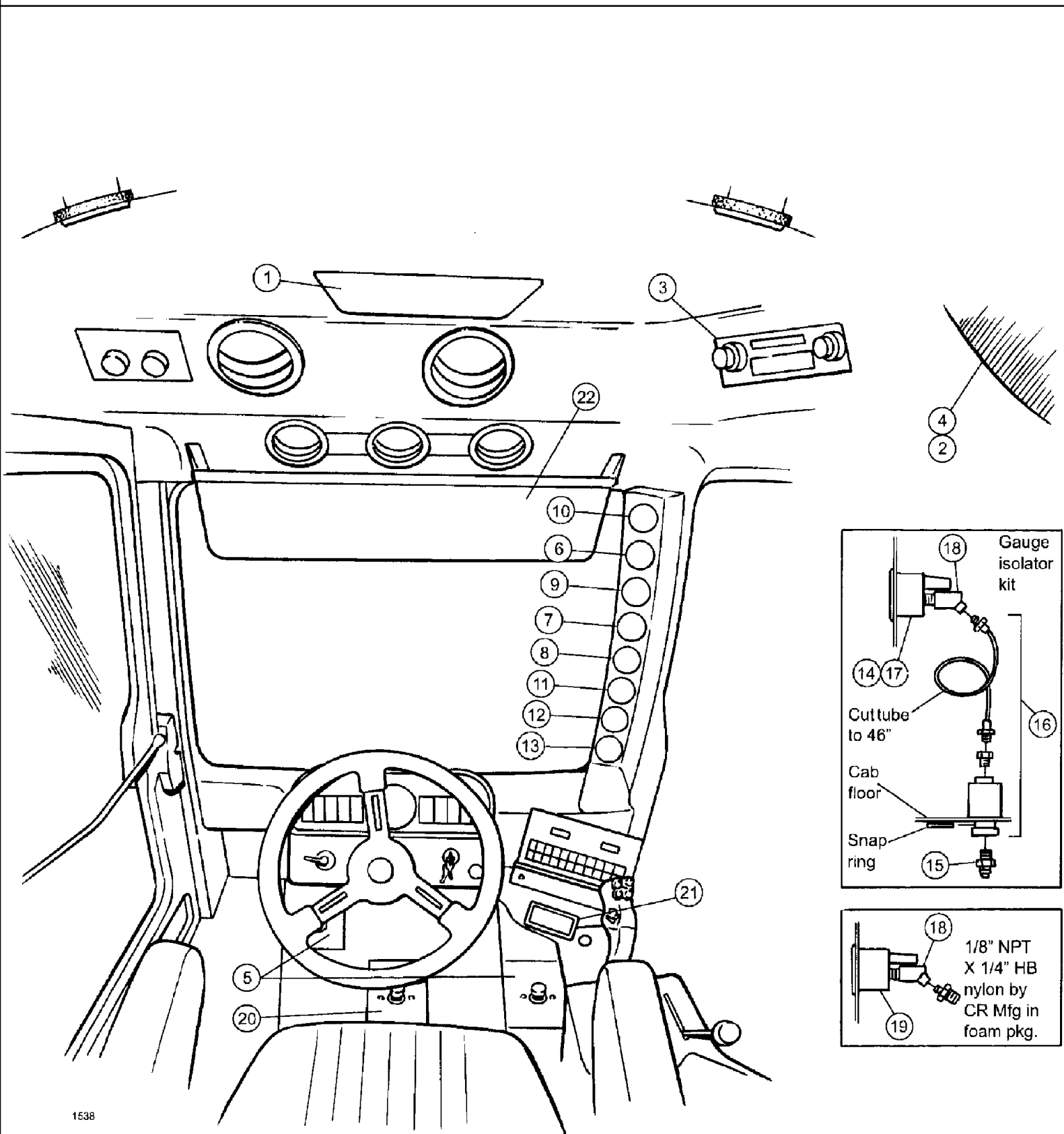


## SPX3185 PATRIOT SPRAYER (10/02- )

## 01-004 CAB INTERIOR - CONTROLS, ELECTRICAL

сылка	Номер детали	Кол-во	Описание
1	BN66132	1	CABLE, strain relief, bat.
2	BN29523	1	FITTING, elect.-liq. tight
3	BN63712	1	SWITCH, flasher, dual rate w/handle
4	BN67965	1	SOCKET, OUTLET ASSEMBLY power, w/end
5	BN67968	1	SWITCH, door, dome light
	BN50975	2	NUT, steel, #8-32
	BN52046	2	BOLT, phillip, SSPH, 8-32 x 1/2
8	BN319663	1	BUZZER, BUZZER intermittent tone
10	334554A1	1	SWITCH, ignition, w/2 keys
	196-48-31C2		KEY, IGNITION, 2 case logo, Part availabe only through Case's Global After Sales Organization.
11	BN315498	1	SWITCH, proximity
	614-4012	2	BOLT, Hex, M4 x 12, 8.8, Full Thd, hex head, M4-.7 x 12, 8.8
	BN315198	2	WASHER, SS, FW, M4
	832-46404	2	NUT, LOCK, M4 x .7, CI 8, M4-.7, TLN, CL8
12	342197A1	1	SENSOR, position
	BN68260	2	BOLT, hex head, PL, #4-40 x .50
	BN68261	2	WASHER, FLT PL, #4
	BN50125	2	NUT, hex plated, 4-40
14	BN52047	4	SCREW, phillip, SS, PH, #8 x 3/4
15	BN67371	1	SHEET, door stop
16	BN69132	1	EXTENSION, SWITCH, domelight
17	BN29361	1	BELT, SAFETY, retractable BL
18	BN50141	4	WASHER, flat plated, 5/16
19	BN50147	6	WASHER, spring lock, 3/8
20	413-612	6	BOLT, Hex, 3/8"-16 x 3/4", G5, Full Thd, hex head, PL, 3/8-16 x 3/4, 5
21	BN68850	1	BELT, SAFETY, tether belt, set 2 seat, 14"
22	BN309290	1	SEAT ASSY., air suspension
	BN301702	1	SHOCK ABSORBER,
	BN301703	1	ARMREST,
	303238	1	height adjust
23	BN69005	4	BOLT, BOLT, 5/16 x 1 SK HD CP SCR
24	BN69009	1	BRACKET, WELDMENT, seat mount
25	413-540	2	BOLT, Hex, 5/16"-18 x 2 1/2", G5,
26	231-4145	2	NUT, LOCK, 5/16"-18, GB,
27	BN68264	1	COVER, 14GA, HRS, 6.25 x 8.5
28	BN68265	1	SEAL, rubber, 1 x 5 x 7
29	BN68266	1	SEAL, rubber, 1 x 5 x 7
30	BN50697	4	BOLT, hex head, 1/4-20 x .5, SS
31	BN68263	1	CONTROL, shift & throttle
32	BN29257	1	CABLE, CONTROL throttle, 84"
32	BN29256	1	CABLE, CONTROL hydro, 96"
33	BN66117	2	NUT, CABLE strain relief-switch
34	BN29258	1	PIN, CLEVIS, ASSEMBLY, hydro
35	BN50055	2	NUT, hex, 1/4-28
36	BN66114	1	LEVER, CONTROL, handle w/switches, complete

сылка	Номер детали	Кол-во	Описание
37	BN98892	1	SWITCH, on-off-on toggle, foam marker
	BN98894	1	NUT, jam, black, 15/32
	BN98893	1	SWITCH, boot toggle, black
38		1	JOINT ball, throttle, see Figure 03-074
39	BN98670	2	SWITCH, push button, LH boom function
	BN98673	2	BOOT, yellow
40	BN98670	2	SWITCH, push button, RH boom function
	BN98672	2	BOOT, green
41	BN29986	1	INSERT, handle to shifter
42	BN16018	1	BUZZER, low hopper alarm
43	BN98249	1	SWITCH, micro neutral, safe
44	BN98248	1	SWITCH, backup
45	BN98247	1	KNOB, ASSEMBLY



1538

- Bulb #BN301819 (1.06" long) must be used in pressure gauges for REF. numbers 14, 17 and 19 because of internal interference with a longer bulb.

## 01-006 CAB INTERIOR - GAUGES, ACCESSORIES

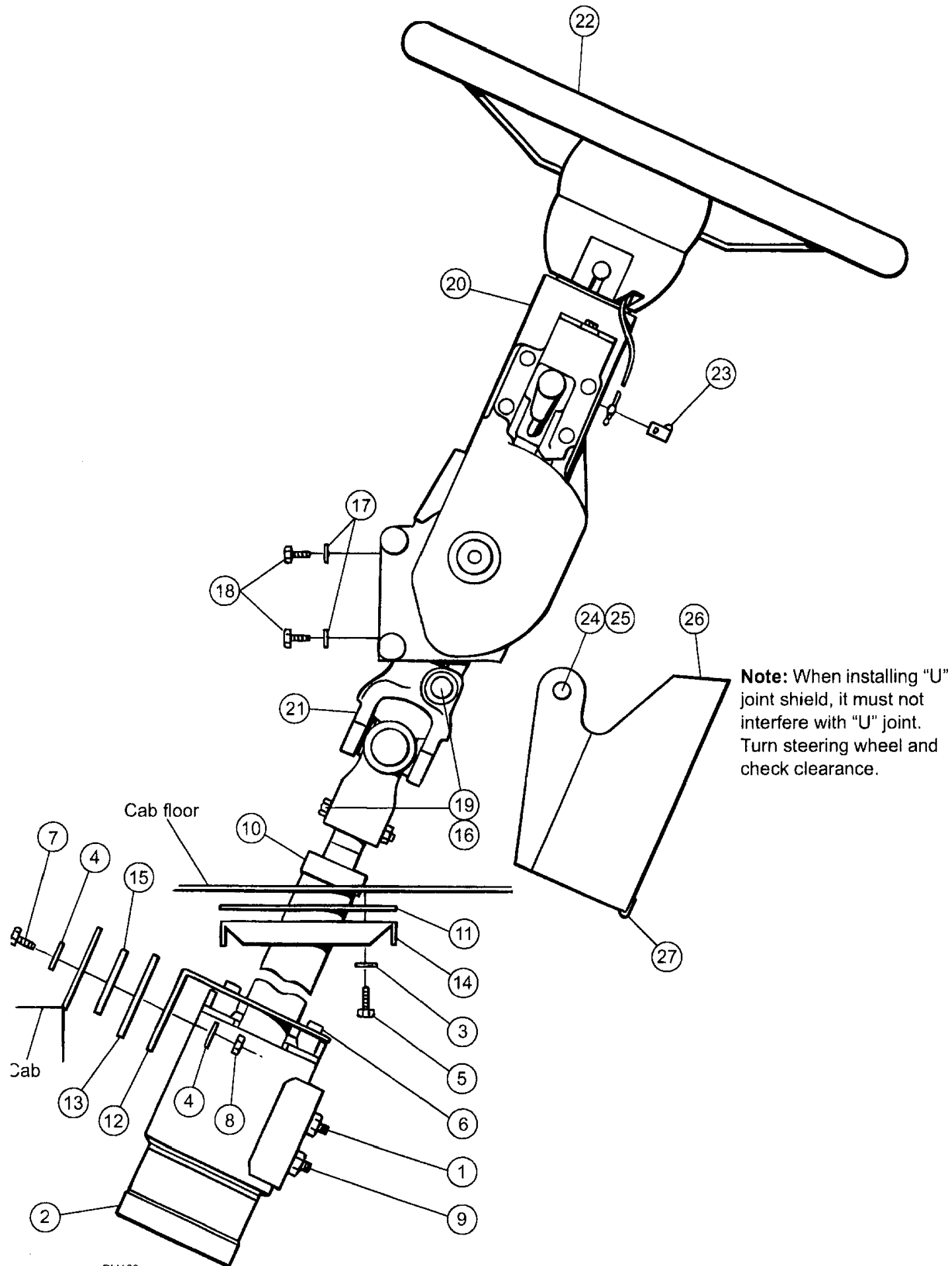
сылка	Номер детали	Кол-во	Описание
1	BN67967	1	LIGHT, dome, 12V polycarb
	BN300876	1	BULB, 12V
2	BN29807	8	SPACER, 9/16" OD x 12 grade A x 1/2"
3	BN323959	1	PLATE, MOUNTING, RADIO, din mount
	BN57222	1	ANTENNA, radio
	BN315877	4	SCREW, phillip, 1/4-20 x 1", TH, SS, BLK
	BN323695	1	MOUNT radio
	BN323834	1	PLATE, PLATE radio mount
	BN55359	4	NUT, 1/4-20, NLN, SS
	BN311133	1	MOUNTING PARTS, radio antenna
4	BN57220	1	SPEAKER, JVC, set of 2
5	BN29522	1	SWITCH, dimmer, floor mount
	BN29807	2	SPACER, 9/16" OD x 12GA x 1/2"
	231-4144	2	NUT, LOCK, 1/4"-20, GB,
	BN67593	1	COVER, 12GA, MRS 5.5 x 6.5
	BN50205	4	BOLT, 1/4-20 x .625, TH, SS
6	BN67301	1	GAUGE, FUEL, level 12V.N.G.
	BN301818	1	BULB, 12V, 1.12" long
7	BN67302	1	GAUGE, ELECTRICAL, temp 280 deg. 12V.NG
	BN301818	1	BULB, 12V, 1.12" long
8	BN67303	1	GAUGE, ELECTRICAL, oil press. 100 PSI
	BN301818	1	BULB, 12V, 1.12" long
9	BN67304	1	GAUGE, ELECTRICAL, volt, 12VDC/10-16
	BN301818	1	BULB, 12V, 1.12" long
10	326944A1	1	HOURMETER, LCD, 12V
11	BN68268	1	GAUGE ASSY., BOOM PRESSURE, Includes: REF. 14, 15, 16 & 18
12	BN68269	1	GAUGE ASSY., SPARGE PRESSURE, Includes: REF. 15, 16, 17 & 18
13	BN68270	1	GAUGE, ELECTRICAL, ASSEMBLY, foam pressure, Includes: REF. 18 & 19
	BN309417	1	FITTING, FT, HB, 1/8MPTX1/4HS, NYL
14	BN67308	1	GAUGE, GAUGE, boom press. 0-200, Part of Ref. 11 Gauge Boom Pressure Assembly, P/N BN68268, Bulb # BN301819 (1.06" long) must be used in pressure gauges for REF. numbers 14, 17 and 19 because of internal interference with a longer bulb.
	BN301819	1	BULB, 12V, 1.06" long
15	BN441001	2	ADAPTER, PIPE, 37 flare, 06-04, Part of Ref. 12 Gauge Foam Pressure Assembly, P/N BN68269, Part of Ref. 11 Gauge Boom Pressure Assembly, P/N BN68268
16	BN67300	2	ISOLATOR, KIT gauge, Part of Ref. 11 Gauge Boom Pressure Assembly, P/N BN68268, Part of Ref. 12 Gauge Foam Pressure Assembly, P/N BN68269
17	BN304843	1	GAUGE, pressure, sparge, Part of Ref. 12 Gauge Foam Pressure Assembly, P/N BN68269, Bulb # BN301819 (1.06" long) must be used in pressure gauges for REF. numbers 14, 17 and 19 because of internal interference with a longer bulb.
	BN301819	1	BULB, 12V, 1.06" long
18	BN68256	3	ELBOW, 45DEG. 1/8 NPT, female, Part of Ref. 13 Gauge Foam Pressure Assembly, P/N BN38270, Part of Ref. 12 Gauge Foam Pressure Assembly, P/N BN68269, Part of Ref. 11 Gauge Boom Pressure Assembly, P/N BN68268

- Bulb #BN301819 (1.06" long) must be used in pressure gauges for REF. numbers 14, 17 and 19 because of internal interference with a longer bulb.

сылка	Номер детали	Кол-во	Описание
19	BN67307	1	GAUGE, ELECTRICAL, foam press., 0-80, Part of Ref. 13 Gauge Foam Pressure Assembly, P/N BN38270, Bulb # BN301819 (1.06" long) must be used in pressure gauges for REF. numbers 14, 17 and 19 because of internal interference with a longer bulb.
	BN301819	1	BULB, 12V, 1.06" long
20	BN68440	1	SWITCH, plmbg bypass
	BN29807	2	SPACER, 9/16" OD x 12GA x 1/2"
	231-4144	2	NUT, LOCK, 1/4"-20, GB,
	BN67593	1	COVER, 12GA HRS 5.5 x 6.5
21	BN66127	1	ASH TRAY,
22	BN67055	1	SUNSHADE, plastic 33"
	BN314732	1	BRACKET, LH, visor
	BN314731	1	BRACKET, RH, visor
	BN304238	1	MOUNTING PARTS, WELDMENT, bracket, RR
	BN50212	4	BOLT, hex head, 1/4-20 x .75, SS
	BN312062	1	MOUNTING PARTS, WELDMENT, bent bracket, LR
	413-420	2	BOLT, Hex, 1/4"-20 x 1 1/4", G5,
	413-420	2	BOLT, Hex, 1/4"-20 x 1 1/4", G5,

- Bulb #BN301819 (1.06" long) must be used in pressure gauges for REF. numbers 14, 17 and 19 because of internal interference with a longer bulb.



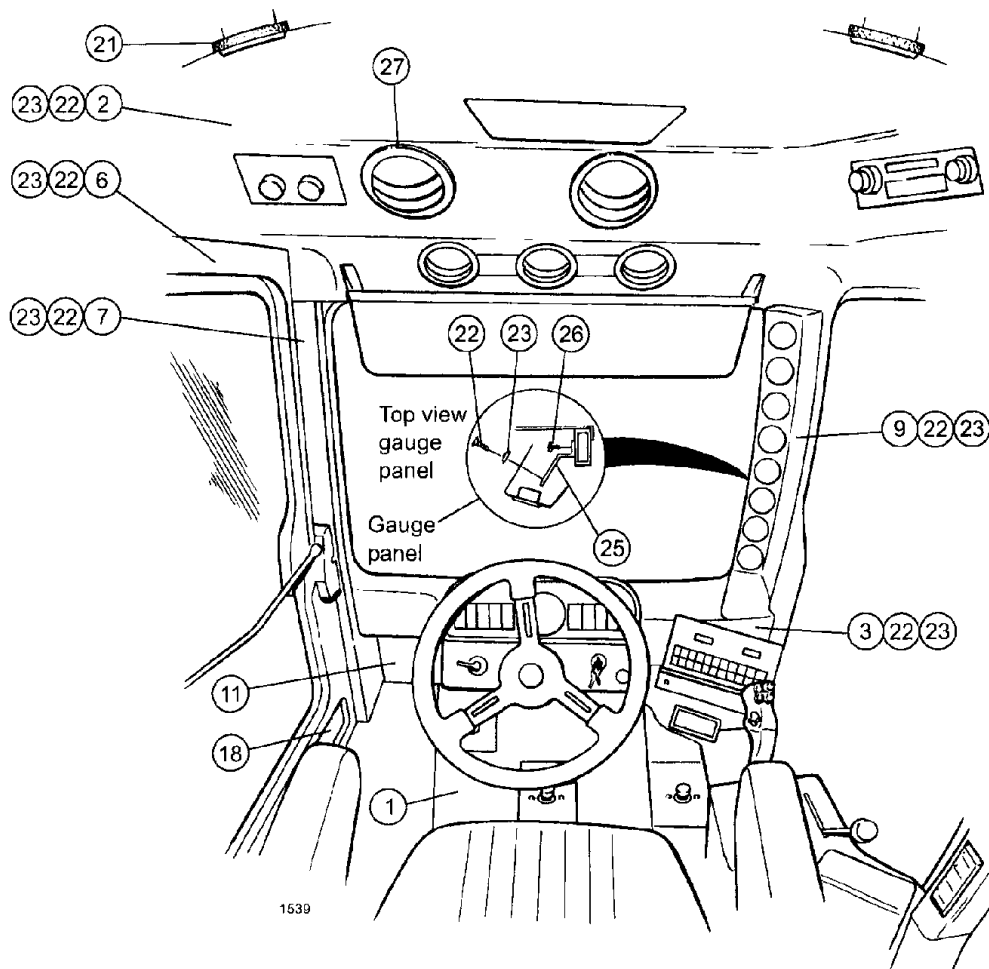
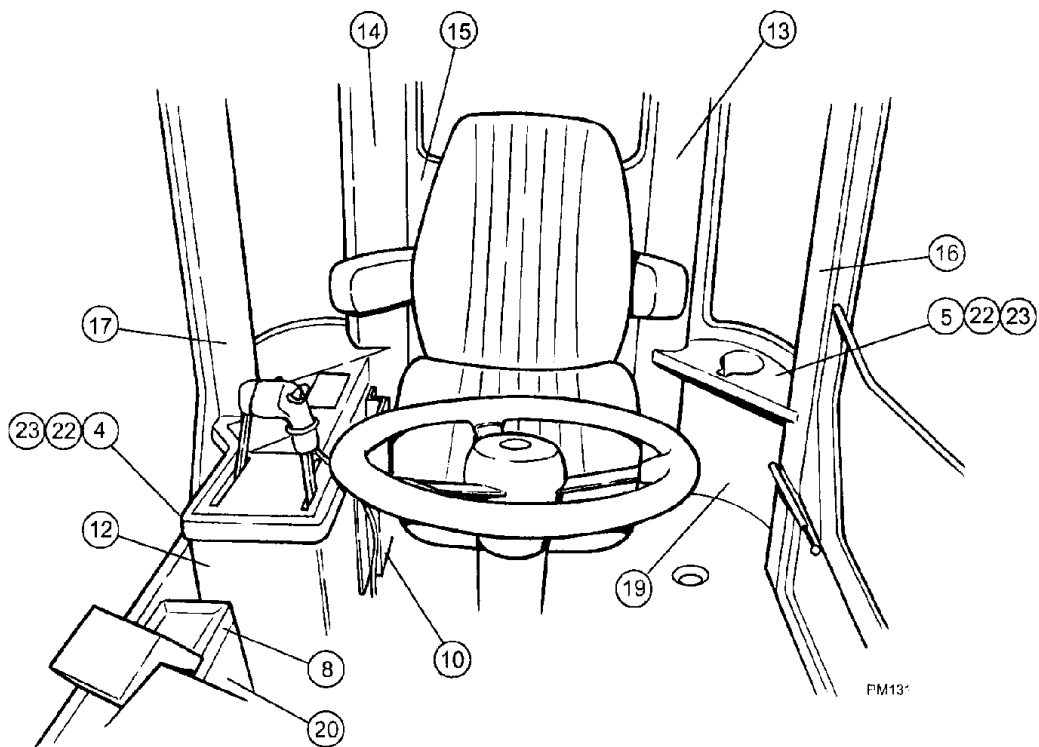


## 01-008 CAB INTERIOR - STEERING ASSEMBLY

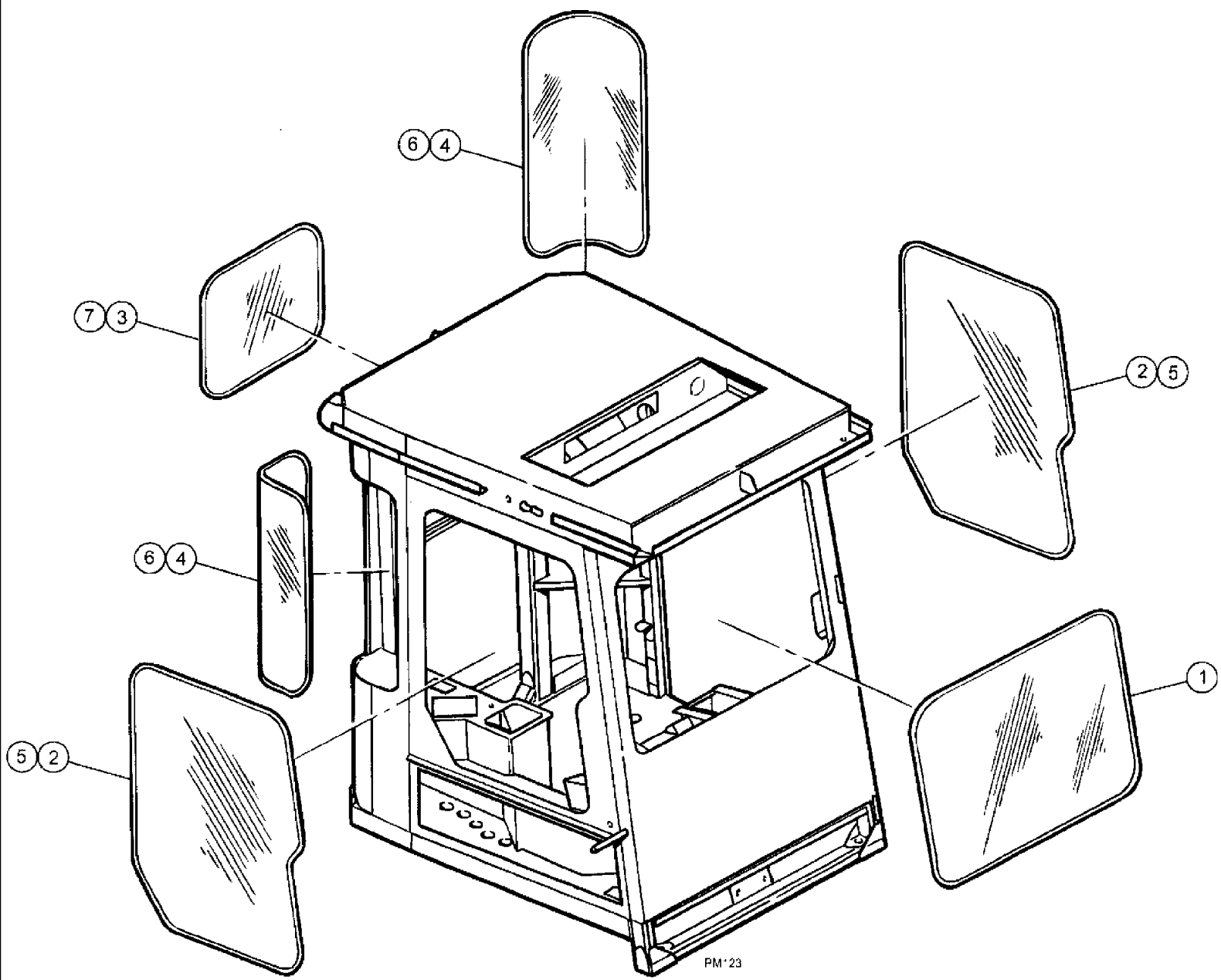
сылка	Номер детали	Кол-во	Описание
1	BN21249	2	ADAPTER, to steer cylinder, 3/4-16 O-ring x 7/16-20 JIC
2	BN29233	1	VALVE, CONTROL, ORBITROL steering
3	BN50141	4	WASHER, flat plated, 5/16
4	BN50151	4	WASHER, 1/2, FLT, PL
5	BN50230	4	BOLT, hex head, 5/16-18 x .75, 5, PL
6	BN50261	4	BOLT, hex head, 3/8-16 x 1.5, 5, PL
7	BN50304	2	BOLT, hex head, 1/2-20 x 1.5, 5, PL
8	BN50778	2	NUT, LOCK, 1/2-13 CTR, 5, PL
9	BN57226	2	ADAPTER, pressure & return, 3/4-16 O-ring x 9/16-18 JIC
10	BN65948	1	STEERING COLUMN, 18"
11	BN66268	1	RUBBER SEAL, 1/8" EPDM, 5 x 6
12	BN66273	1	MOUNTING PARTS, 1/4 HRS, 6.87 x 8
13	BN66274	1	RUBBER SEAL, 1/4 EPDM, 2.5 x 8
14	BN66276	1	MOUNTING PARTS, 14GA HRS, 6.25 x 7.25
15	BN69007	1	PLATE, SPACER
16	BN50131	2	NUT, LOCK, 3/8-16, CTR, PL
18	BN50251	4	BOLT, hex head, 3/8-16 x 3/4, 5, PL
17	BN50145	4	WASHER, 3/8 plated flat
19	BN50264	2	BOLT, hex head, 3/8-16 x 1.75, 5, PL
20	BN66111	1	STEERING COLUMN, tilt/tele
21	BN66112	1	UNIVERSAL JOINT, steering column
22	BN310333	1	CAP, steering wheel, black
	BN67057	1	WHEEL (STEERING), 3 spoke 16"
	BN98904	1	WIRE, horn
23	BN68814	1	CLAMP, vinyl, 1/8" dia.
24	BN50137	2	WASHER, flat plated, 1/4
25	BN50209	2	BOLT, hex head, 1/4-20 x .5, 5, PL
26	BN66265	1	SHIELD, 16GA, HRS, 6.75 x 13
27	BN69875	1	SEAL, clip on

### Upholstery

Complete Part # BN67956 (Ref Only)



сылка	Номер детали	Кол-во	Описание
1	BN68886	1	MAT, FLOOR, molded
2	BN323881	1	LINER, LINER molded head
3	BN68888	1	CONSOLE, DASH molded
4	BN311765	1	COVER, molded, control, 7bank
5	BN68890	1	COVER, molded, rear, corner
6	BN68891	1	FRAME, molded, door
7	BN68892	1	COVER, molded, front left
8	BN68893	1	HOLDER, pencil
9	BN68894	1	CONSOLE, front gauge
10	BN68895	1	HOLDER, book
11	BN68896	1	FOAM, cab, front firewall
12	BN68897	1	FOAM, control, side, lower panel
13	BN68898	1	FOAM, LH, rear, post cover
14	BN68899	1	FOAM, RH, rear, post cover
15	BN68900	1	FOAM, rear, middle panel
16	BN68901	1	FOAM, left, side post cover
17	BN68902	1	FOAM, right, side post cover
18	BN68903	1	FOAM, door panel
19	BN68904	1	FOAM, lower rear, left hand
20	BN68905	1	FOAM, lower front, right hand
21	BN304445	2	GASKET, 1" foam, behind louver
22	BN69601	41	SCREW, SCR #10 x 1 FLHD CTSK ,black
23	BN69602	41	WASHER, #10 CNTRSK, black
25	BN69850	2	MOUNTING PARTS, gage column
26	BN50944	2	SCREW, #10 x .5, PH, SL
27	BN68906	2	GASKET, behind louver, 1/2" foam, 3" 4"



SPX3185 PATRIOT SPRAYER (10/02- )

01-012 CAB INTERIOR - CAB GLASS

сылка	Номер детали	Кол-во	Описание
1	BN66208	1	GLASS, tint, 30" x 42.5" x .218
2	BN313487	2	GLASS, side, tempered
3	BN313488	1	GLASS, rear, tempered
4	BN67200	2	GLASS, tint, radius glass
5	BN317213	3	RUBBER SEAL, window, 142" offset
6	BN67948	2	SEAL, WINDOW, window, 100"
7	BN317214	1	RUBBER SEAL, window, 78" offset

Complete Part # BN67935 (Ref. Only)

**ART**

**NOT**

**AVAILABLE**

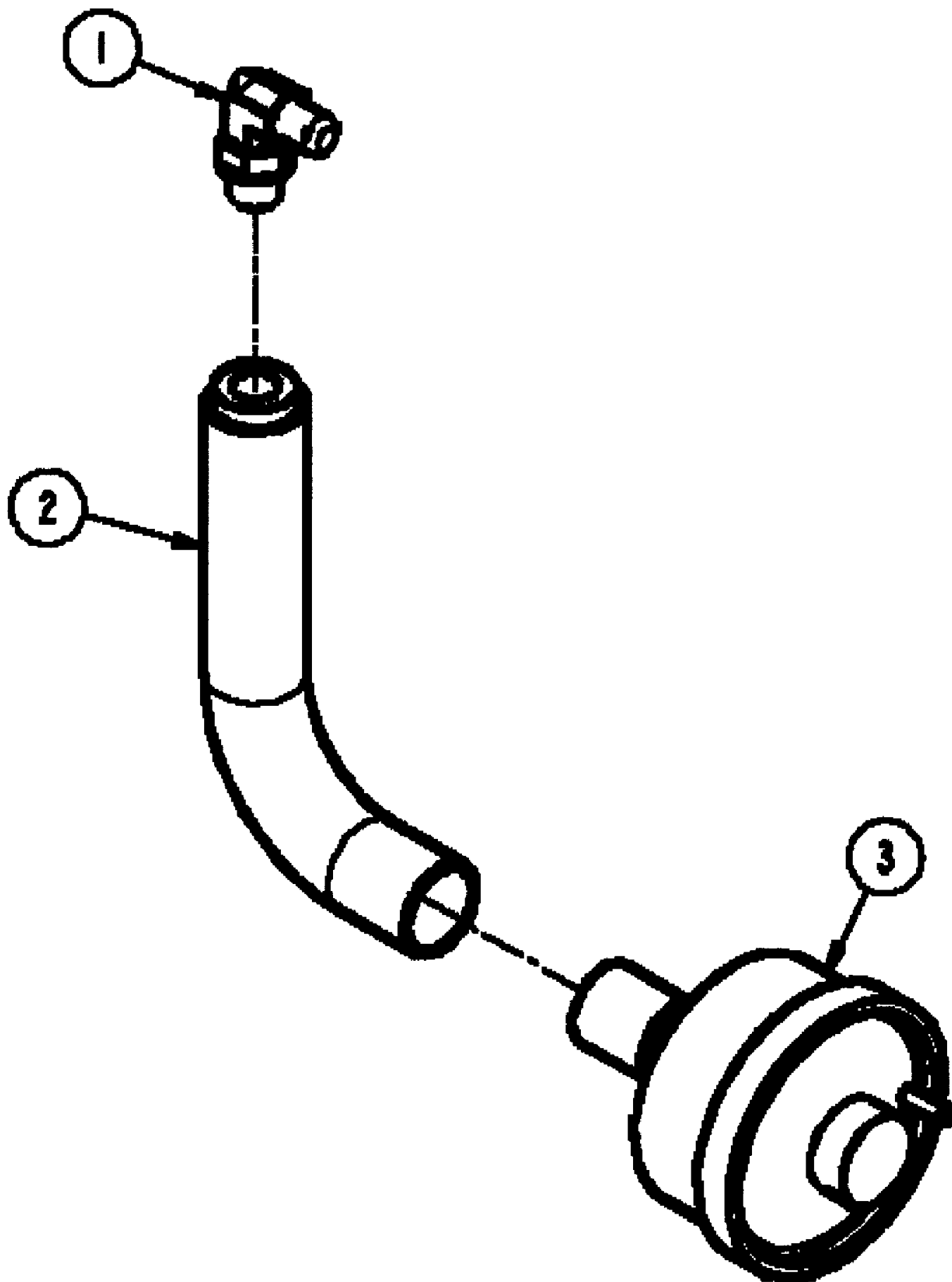
SPX3185 PATRIOT SPRAYER (10/02- )

01-013 CAB INTERIOR - S525 FITOUT GROUP

сылка	Номер детали	Кол-во	Описание
BN315870		1	SEALANT, CAULK
		1	CAB PRESSURE MNTR ASSEMBLY., see Figure 01-014
BN325655		1	PLATE, PLATE brake blockoff
BN50873		3	BOLT, BLT, 3/8 x 3/4, TH, SS

Complete Part # 342167A1 ( Ref Only)





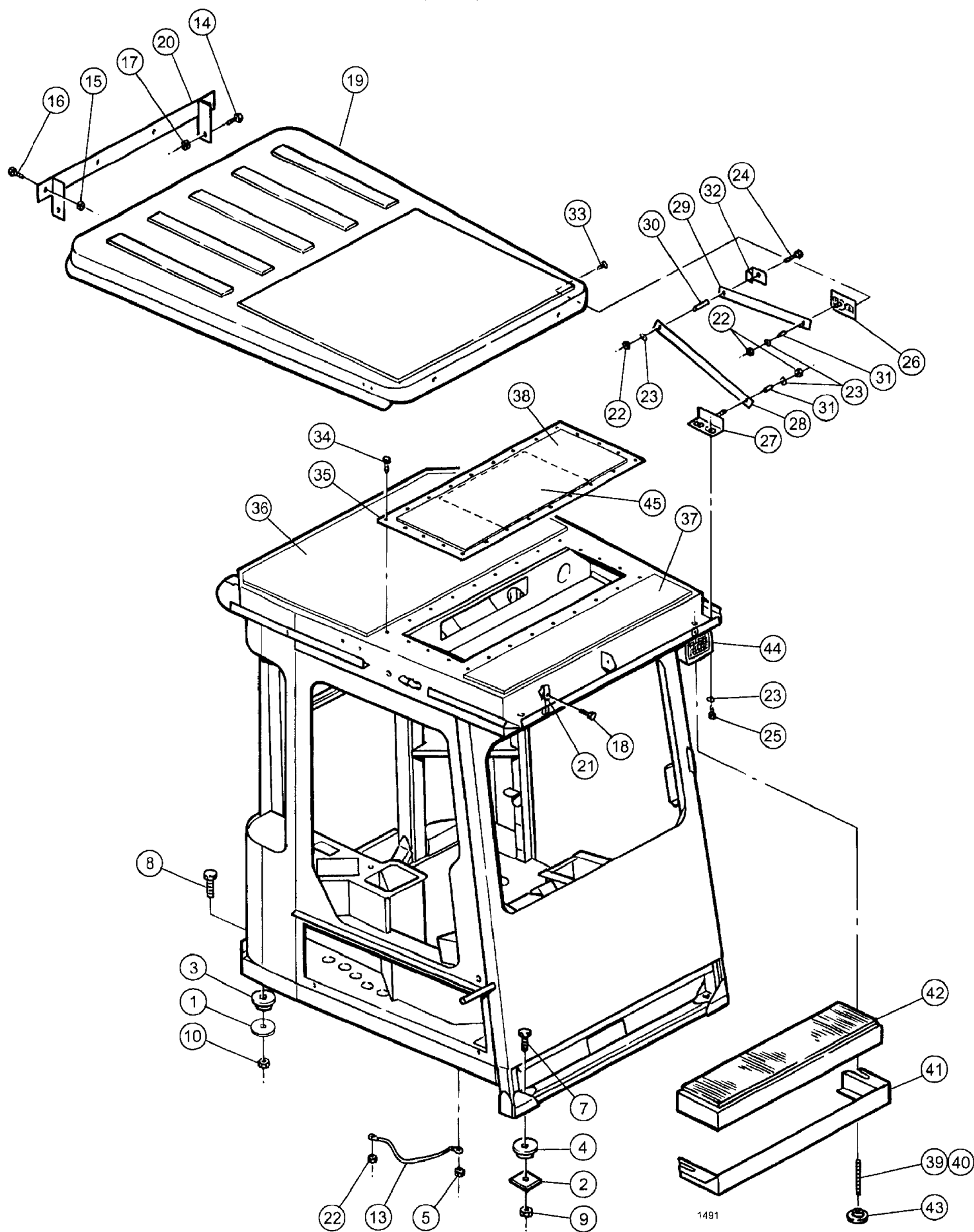
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SPX3185 PATRIOT SPRAYER (10/02- )

01-014 CAB INTERIOR - CAB PRESSURE MONITOR ASSY

сылка	Номер детали	Кол-во	Описание
1	218-5104	1	ELBOW, 90e, 1/2"-20, 37e x 1/2"-20, O-Ring, 5JIC - 5 MB, Part availabe only through Case's Global After Sales Organization.
2	BN324367	1	TUBE, WLDT, cab pressure
3	BN324376	1	GAUGE, ASSEMBLY cab pressure

Complete Part #BN320076 (Ref Only)



## SPX3185 PATRIOT SPRAYER (10/02- )

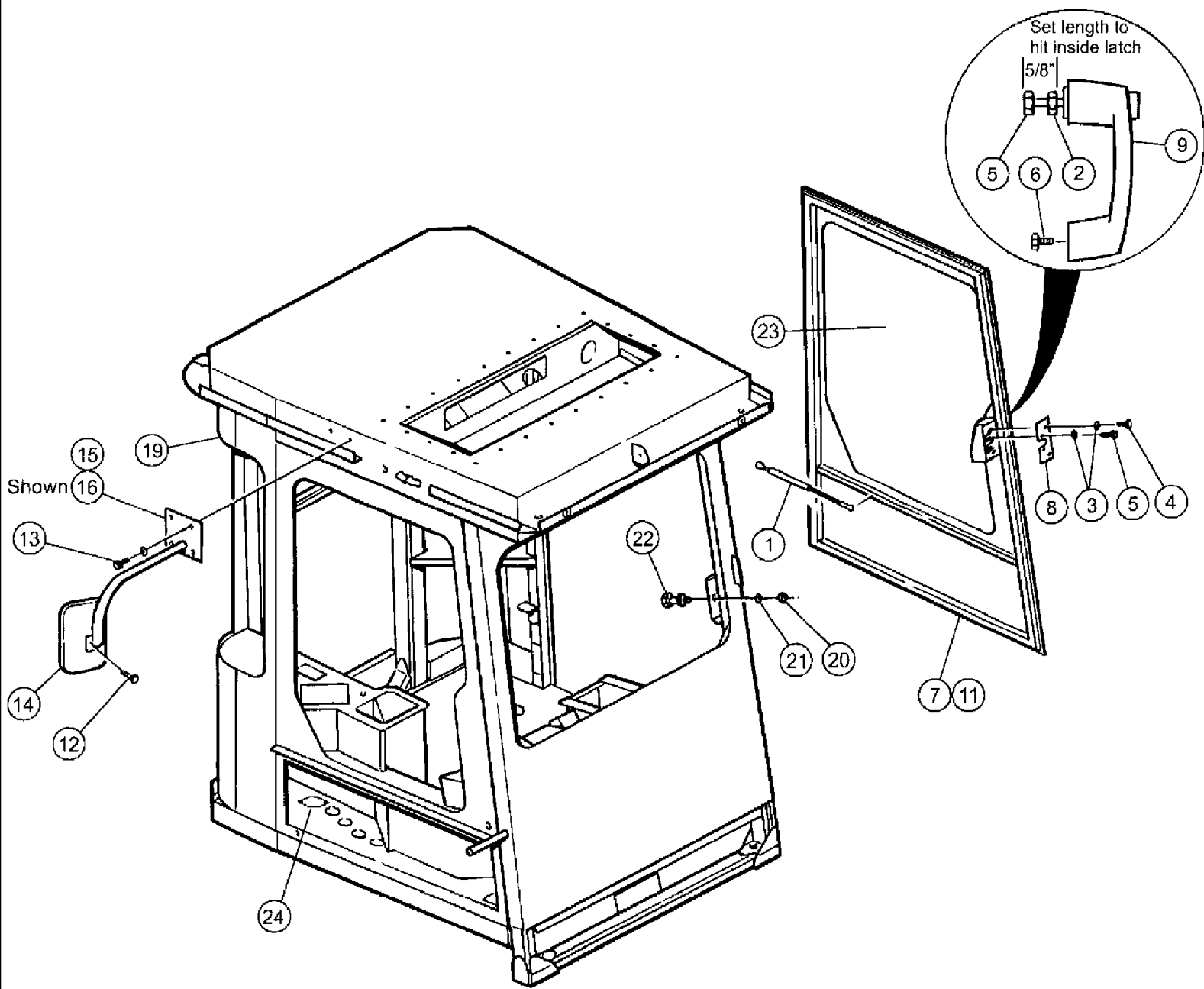
## 02-002 CAB EXTERIOR - ROOF &amp; CAB MOUNT

сылка	Номер детали	Кол-во	Описание
1	BN63818	4	WASHER, 7GA, 304 .81 x 2.75
2	BN29209	2	WASHER, 2.25 x 2.25 x 7GA, HR
3	BN29242	2	ISOLATOR, rubber, 3/4" bore
4	BN29243	2	ISOLATOR, rubber, 1/2" bore
5	BN50061	1	NUT, whiz lock, 3/8-16, UNC
7	BN50792	2	BOLT, hex head, 1/2-13 x 5, 8
8	BN50988	2	BOLT, hex head, 3/4-10 x 3.5, 8
9	BN50998	2	NUT, LOCK, 1/2-13 TOP, 8, PL
10	BN50999	2	NUT, LOCK, 3/4-10 TOP, 8, PL
13	BN69830	2	CABLE, chassis ground
14	2403262	2	hex head, 3/8-16 x 1, SS
15	BN50057	4	NUT, whiz lock, 5/16-18, SS
16	BN50222	4	BOLT, 5/16-18 x .75, TH, SS
17	BN50759	2	NUT, 3/8-16, HX, NY, SS
18	BN50248	2	BOLT, 3/8-16 x 1, TH, SS
19	BN311759	1	ROOF, cab
20	BN67226	1	HINGE, half weldment
21	BN69828	2	NUT, U, 3/8-16
22	BN50051	6	NUT, whiz, 1/4"-20, UNC
23	BN50137	16	WASHER, flat plated, 1/4
24	BN50446	1	BOLT, hex head, 1/4-20 x 1.25, 5, PL
25	BN50205	4	BOLT, 1/4-20 x 5/8, 5, TH
26	BN68325	2	PLATE, upper, WLDT
27	BN68326	2	PLATE, upper, WLDT
28	BN68327	2	SUPPORT, BRACE lower
29	BN68328	2	SUPPORT, BRACE lower
30	BN68329	2	BUSHING,
31	BN68330	4	BUSHING,
32	BN68331	2	LOCK, STOP,
33	BN314570	4	BOLT, 1/4-20 x 3/8, TH SS
34	413-68	24	BOLT, Hex, 3/8"-16 x 1/2", G5, Full Thd, hex head, 3/8-16 X .5, G5, Part availabe only through Case's Global After Sales Organization.
35	BN304231	1	PANEL, ROOF access
	BN304228	1	RUBBER SEAL, 1/4 x 3/4 x 43.5
	BN304229	1	RUBBER SEAL, 1/4 x 3/4 x 45.75
	BN304230	2	RUBBER SEAL, 1/4 x 3/4 x 19
36	BN304240	1	INSULATOR, RUBBER, cab roof, RR
37	BN304239	1	INSULATOR, RUBBER, cab roof, FR
38	BN304232	1	INSULATOR, RUBBER, access panel
39	BN22055	2	ROD, 3/8-16, SS TH, 2.38,
40	BN50062	4	NUT, whiz lock, 3/8-16, SS
41	BN65271	1	RETAINER, WLDMT filter
42	BN326024	1	FILTER, FILTER cab, pesticide
43	BN65448	2	KNOB, 3/8"-16, F
44	BN66131	4	LAMP, FLOODLIGHT pedestal mount

SPX3185 PATRIOT SPRAYER (10/02- )

02-002 CAB EXTERIOR - ROOF & CAB MOUNT

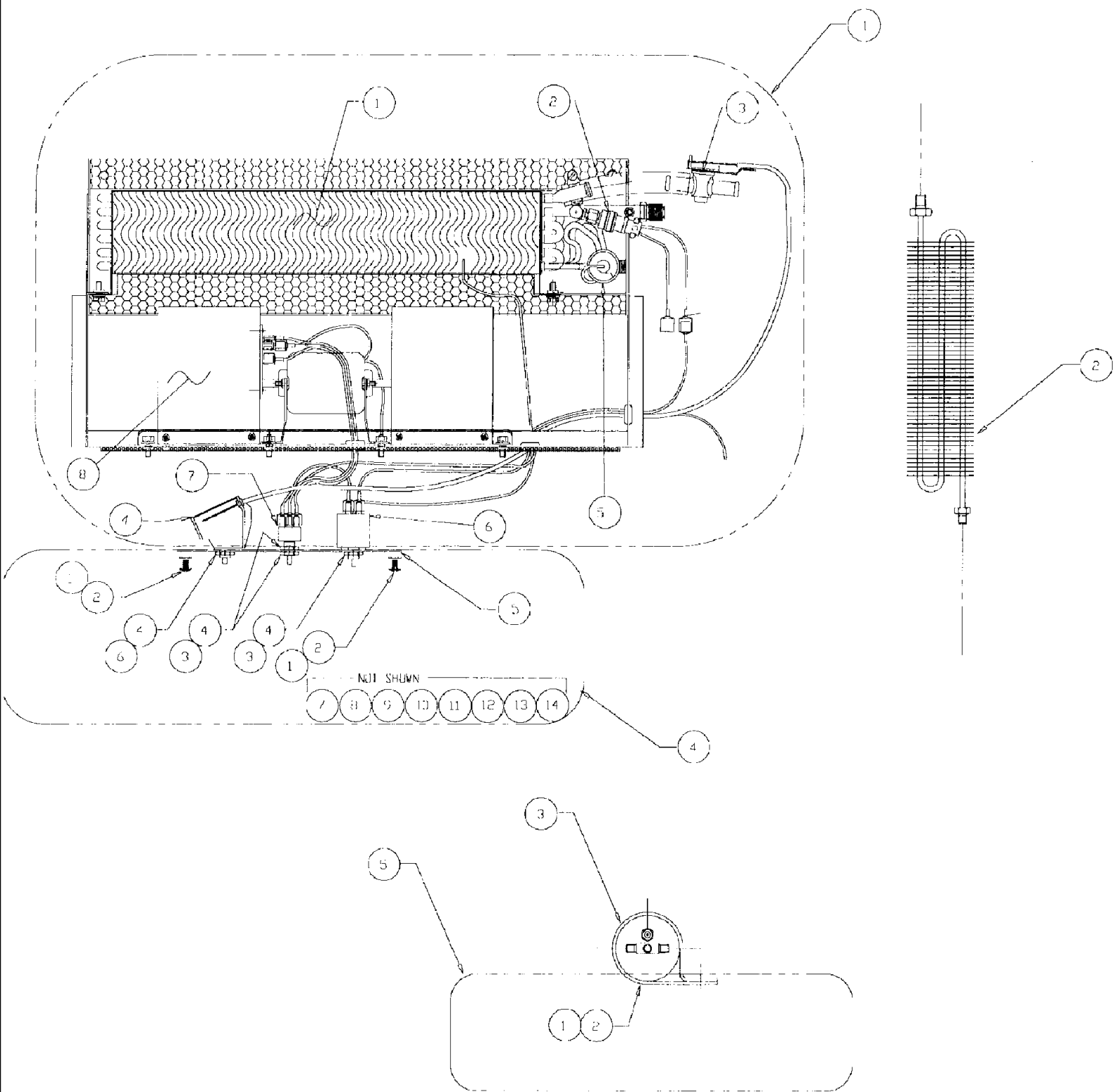
сылка	Номер детали	Кол-во	Описание
	BN300873	1	BULB, halogen, H3, 12 volt
45	BN319432	1	FOAM, FOAM roof panel, bottom



## SPX3185 PATRIOT SPRAYER (10/02- )

## 02-004 CAB EXTERIOR - DOOR, MIRRORS

сылка	Номер детали	Кол-во	Описание
	BN67932	1	DOOR ASSY., entry, LH, Includes: REF. 1-11
1	BN29434	1	GAS STRUT, KIT cyl, gas charged
	BN29553A	2	BALL JOINT, stud, service parts for REF.1
	BN24120	2	CLIP, SPRING, service parts for REF. 1
2	BN50053	1	NUT, hex, 1/4-20, GR 5
3	BN50138	4	WASHER, flat, 1/4 IN SS
4	413-412	2	BOLT, Hex, 1/4"-20 x 3/4", G5, Full Thd, 1/4-20 x .75, HH, G5
5	413-416	3	BOLT, Hex, 1/4"-20 x 1", G5,
6	614-6020	3	BOLT, Hex, M6 x 20, 8.8,
7	BN66026	1	DOOR, weldment
8	BN66103	1	LATCH, door, two rotor, inside
	BN67951	1	CAP, vinyl, 060 x .437 x 1.5
9	BN66106	1	HANDLE, door, outside
	BN303475	1	KEY, IGNITION, set of 2
11	342162A1	1	MOLDING, SEAL door
12	BN50212	2	BOLT, hex head, 1/4-20 x .75, SS
13	BN50250	8	BOLT, hex head, 3/8-16 x .75, SS
14	BN66128	2	STUD, MIRROR stud, MT.-7.5 x 10.5
	185773A1	2	MIRROR ASSY., ASM, Part available only through Case's Global After Sales Organization.
	1530998C2	2	ARM, HOLDER ASM, Part available only through Case's Global After Sales Organization.
	160-101	8	BOLT, Hex Flg, 3/8"-16 x 3/4", G8, Full Thd, 3/8-16 x .75, G8, HHFLNG, PTF, Part available only through Case's Global After Sales Organization.
	BN314748	1	MOUNTING PARTS, mirror, WLDMNT, RH
	BN314798	1	MOUNTING PARTS, mirror, WLDMNT, LH
	855-8030	6	BOLT, Hex Flg, M8 x 30, 10.9, Full Thd, M8-1.25 x 30, HHFH, 10.9, PTF, Part available only through Case's Global After Sales Organization.
15	BN67557	1	ARM, MIRROR arm, left
16	BN67558	1	ARM, MIRROR arm, right, shown
19	BN65970	1	CAB, weldment
20	231-4147	1	NUT, LOCK, 7/16"-14, GB, hex, 7/16-14, GR 5
21	BN50149	2	WASHER, plain, 7/16
22	BN66109	1	CATCH, striker, door
	BN300873	6	BULB, halogen
24	BN69742	1	CONNECTOR, bulkhead, male 22 pin
	BN69743	2	LOCK, bulkhead connector
	BN16108	22	PLUG, weatherpk connector
	BN306057	1	COVER, terminal
	BN50052	2	NUT, whiz lock, 1/4-20, SS
	BN50697	2	BOLT, hex head, 1/4-20 x .5, SS



310705

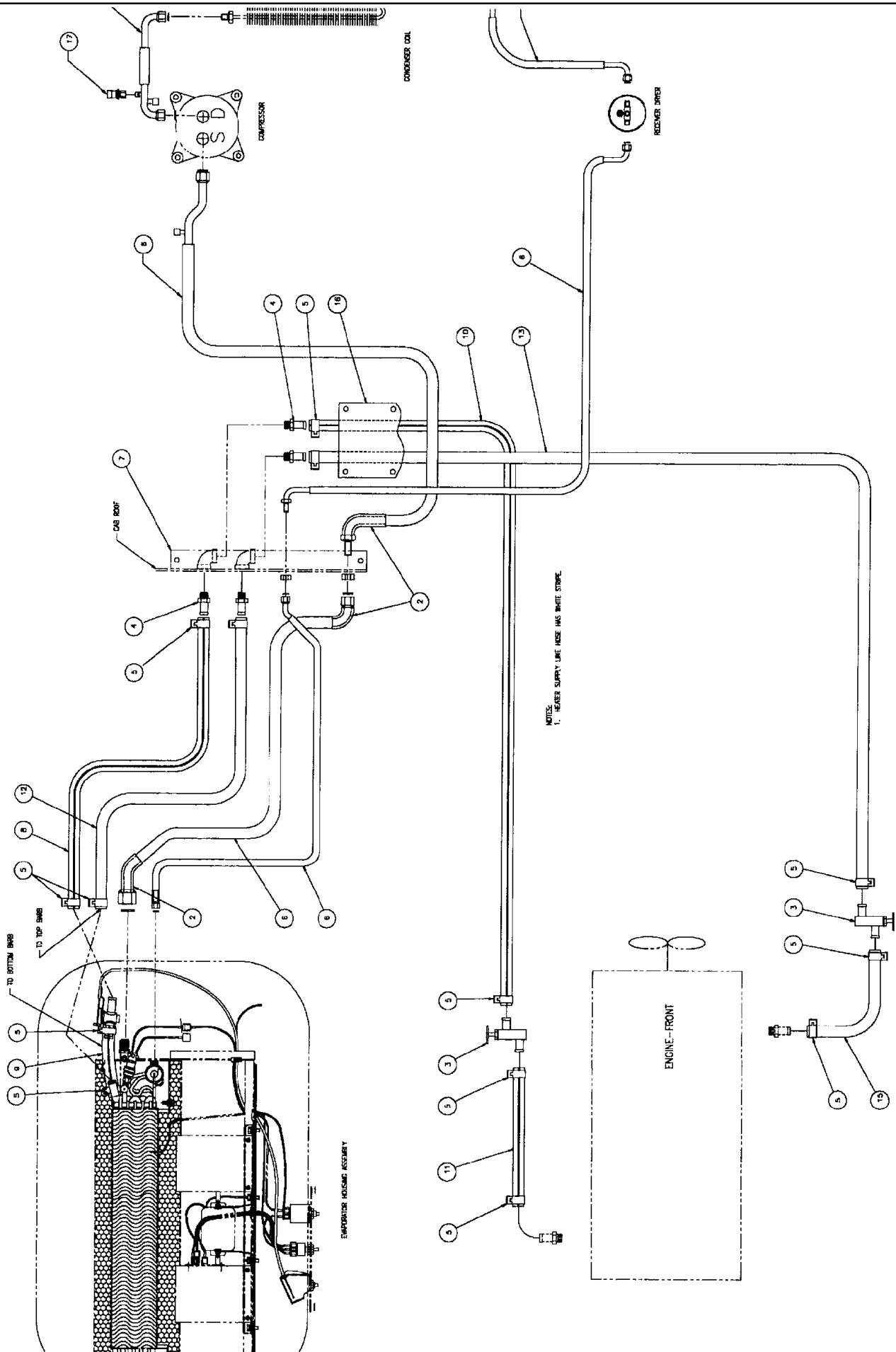


## SPX3185 PATRIOT SPRAYER (10/02- )

## 02-006 CAB EXTERIOR - A/C PACKAGE

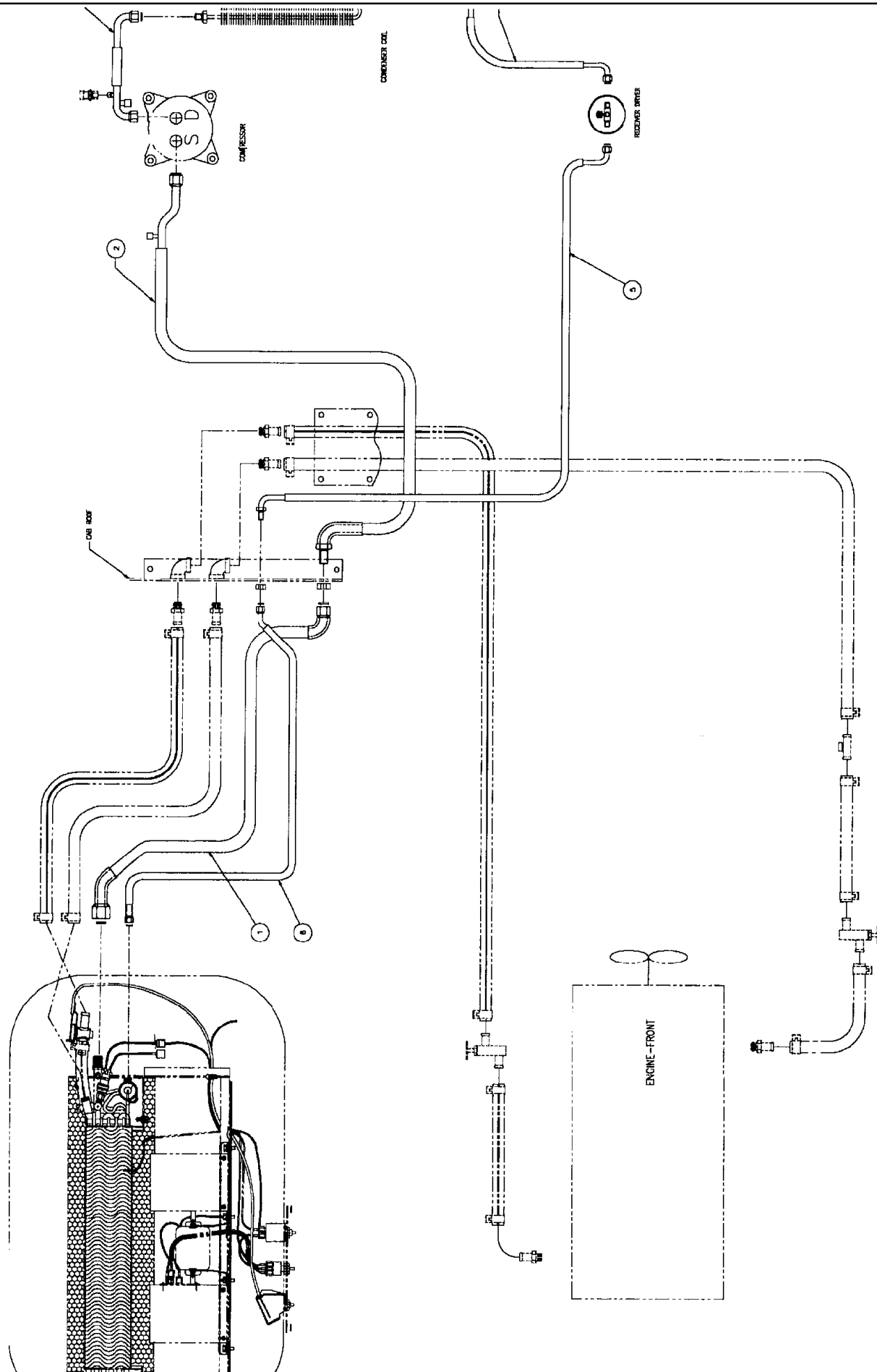
сылка	Номер детали	Кол-во	Описание
1	BN311013	1	HOUSING ASSY., EVAPORATOR, see REF. 1-8 below
2	BN67785	1	COIL, condensor
3	BN67797	1	RESERVOIR, DRYER reciever
4	BN311014	1	PACKAGE, parts, louver & misc, see REF. 1-14 below
5	BN311024	1	PACKAGE, parts, dryer, see REF. 1-2 below
1	BN311015	1	EVAPORATOR, COIL heater, housing assy. BN311013
2	BN69702	1	SWITCH, low pressure, evaporator housing assy. BN311013
3	BN69708	1	VALVE, water, inline, evaporator housing assy. BN311013
4	BN311016	1	CABLE, ASSEMBLY, push pull, evaporator housing assy. BN311013
5	BN69872	1	VALVE, expansion, evaporator housing assy. BN311013
6	BN69703	1	SWITCH, CONTROL cold, evaporator housing assy. BN311013
7	BN69709	1	SWITCH, 3 speed, evaporator housing assy. BN311013
8	BN69704	1	BLOWER ASSY., 12V, evaporator housing assy BN311013
1	BN311017	4	WASHER, LOCK, 1/4, ext-tooth, parts pkg.-louver & misc. BN311014
2	BN312682	4	SCREW, PHIL, 1/4-20 x 1" T.H., parts pkg.-louver & misc. BN311014
3	BN67731	3	NUT, control mtg, parts pkg.-louver & misc. BN311014
4	BN67740	3	KNOB, control, parts pkg.-louver & misc. BN311014
5	BN311018	1	PLATE, CONTROL, w/decal, parts pkg.-ouver & misc BN311014
6	BN312683	1	NUT, cable control, parts pkg.-louver & misc. BN311014
7	BN67735	4	VENT, LOUVER 1, 1/4 x 4 1/2 rect, parts pkg.-louver & misc. BN311014
8	BN67734	2	VENT, LOUVER, w/hose adapter, parts pkg.-louver & misc. BN311014
9	BN67732	2	VENT, LOUVER, 3" dia. flat, parts pkg.-louver & misc. BN311014
10	BN67795	2	HOSE, flex, 3", windsheild louver, parts pkg.-louver & misc. BN311014
11	BN306271	3	TAPE, ADHESIVE, tar, 10", parts pkg.-;ouver & misc. BN311014
12	BN67796	3	TUBE, poly loom drain, parts pkg.-louver & misc. BN311014
13	BN311023	5	VENT, LOUVER, 4" dia., w/wire clip, parts pkg.-louver & misc. BN311014
14	BN312684	4	CLAMP, hose, 3" flex, parts pkg.plouver & misc. BN311014
1	BN301704	1	DECAL, charge w/134A gas, parts pkg. dryer BN311024
2	BN67726	1	CLAMP, reciever dryer, parts pkg. dryer BN311024

Complete Part # BN310705 (Ref Only)



311022

сылка	Номер детали	Кол-во	Описание
1	BN29908	1	TEE, flushing heater, 5/8"
2	BN306271	3	TAPE, ADHESIVE, tar, 10"
3	BN303666	2	VALVE, shut off
4	217-153	4	FITTING, 5/8" Hose X 1/2" NPTF Beaded, FITTING, 1/2MPT x 5/8HB, Part availabe only through Case's Global After Sales Organization.
5	1954736C1	17	CLAMP, HOSE, 5/8 heater hose, Part availabe only through Case's Global After Sales Organization.
6		1	HOSE KIT, A/C CUMMINS, see Figure 02-010
7	BN312080	1	COVER, hose, W/HDWE
	BN52339	2	BOLT, hex head, 3/8-16 x .5, SS
	BN67163	1	COVER,
8	BN306812	1	HOSE, heater, 5/8 ID x 6"
9	BN67789	1	HOSE, heater, 5/8 ID x 12"
10	BN312076	1	HOSE (METRES), heater, 5/8 ID x 192"
11	BN312078	1	HOSE, heater, 5/8 ID x 24"
12	BN67788	1	HOSE, heater, 5/8 ID x 18"
13	BN67790	1	HOSE (METRES), heater, 5/8 ID x 192"
14	BN312079	1	HOSE, heater, 5/8 ID x 3"
15	BN312077	1	HOSE, heater, 5/8 ID x 12"
16	BN312081	1	COVER, ENCLOSURE hose, W/HDWE
	BN67233	1	COVER, ENCLOSURE
	BN68503	10	SCREW, hex, SL, HD, 1/4 x 1/2
17	284273A1	1	SWITCH, IGNITION, high pressure, N.C., Part availabe only through Case's Global After Sales Organization.



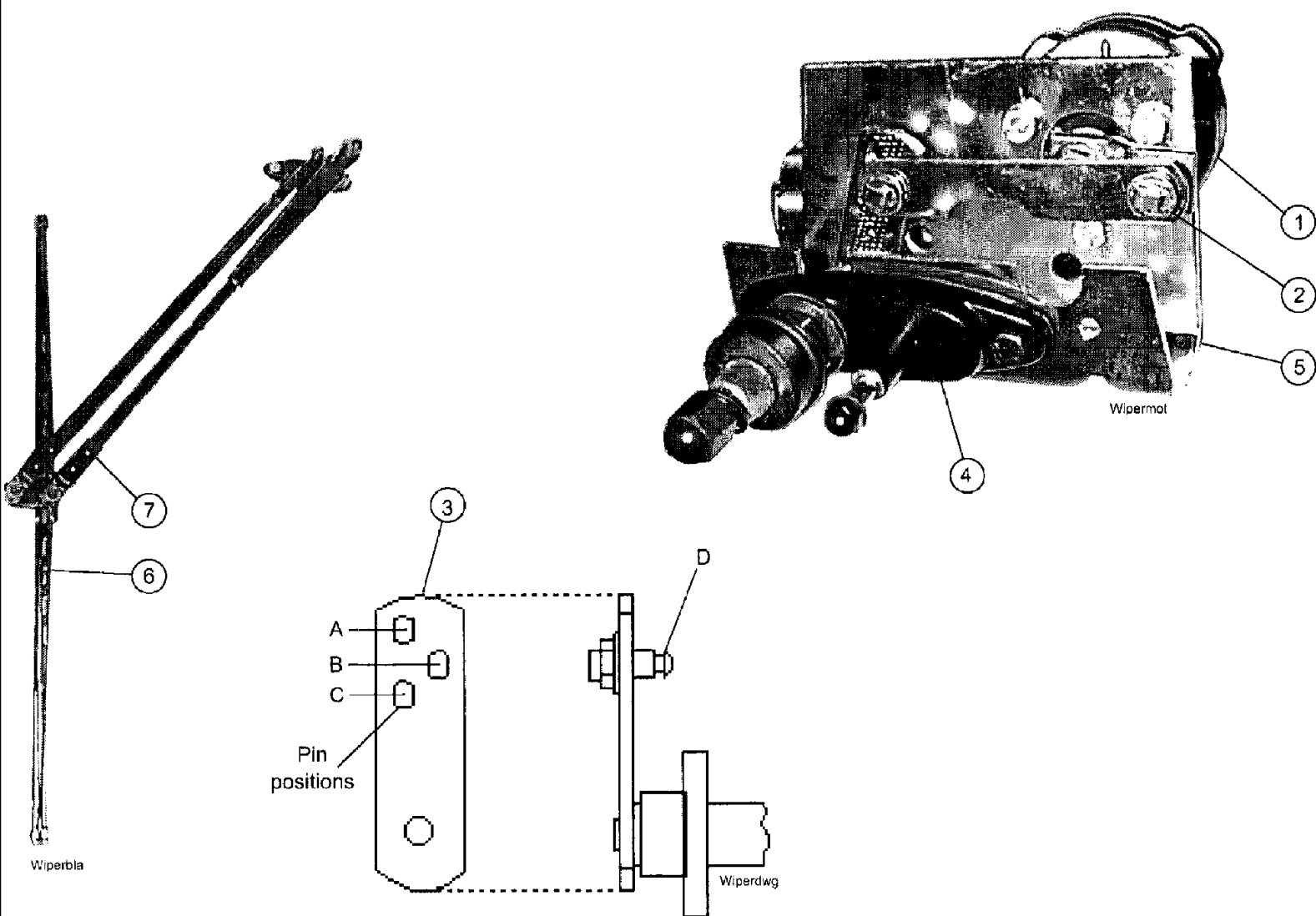
311020

SPX3185 PATRIOT SPRAYER (10/02- )

02-010 CAB EXTERIOR - A/C HOSE KIT

сылка	Номер детали	Кол-во	Описание
1	BN313002	1	HOSE, ASSEMBLY, w/O-ring, A.C.
	128485A1	1	O-RING, 9/16 ID, HNBR, green, Part availabe only through Case's Global After Sales Organization.
	189819A1	1	O-RING, 11/16 ID, HNBR, blk, Part availabe only through Case's Global After Sales Organization.
2	BN310620	1	HOSE ASSY., w/O-ring, A.C.
	128485A1	1	O-RING, 9/16 ID, HNBR, green, Part availabe only through Case's Global After Sales Organization.
	BN312145	1	NUT, jam1, 1/16-14
	BN312146	1	WASHER, 1.07 x 1.31 x .06
3	BN311012	1	HOSE ASSY., w/O-ring, A.C.
	128483A1	1	O-RING, 5/16 ID, HNBR, green, Part availabe only through Case's Global After Sales Organization.
	128484A1	1	O-RING, 7/16 ID, HNBR, green, Part availabe only through Case's Global After Sales Organization.
	128485A1	1	O-RING, 9/16 ID, HNBR, green, Part availabe only through Case's Global After Sales Organization.
4	BN67787	1	HOSE ASSY., w/O-ring, A.C.
	128483A1	2	O-RING, 5/16 ID, HNBR, green, Part availabe only through Case's Global After Sales Organization.
5	BN67794	1	HOSE ASSY., w/O-ring, A.C.
	128483A1	1	O-RING, 5/16 ID, HNBR, green
	BN312537	1	WASHER, jam, 5/8-18
	BN312538	1	WASHER,
6	BN67791	1	HOSE, ASSEMBLY., w/O-ring, A.C.
	128483A1	2	O-RING, 5/16 ID, HNBR, green, Part availabe only through Case's Global After Sales Organization.

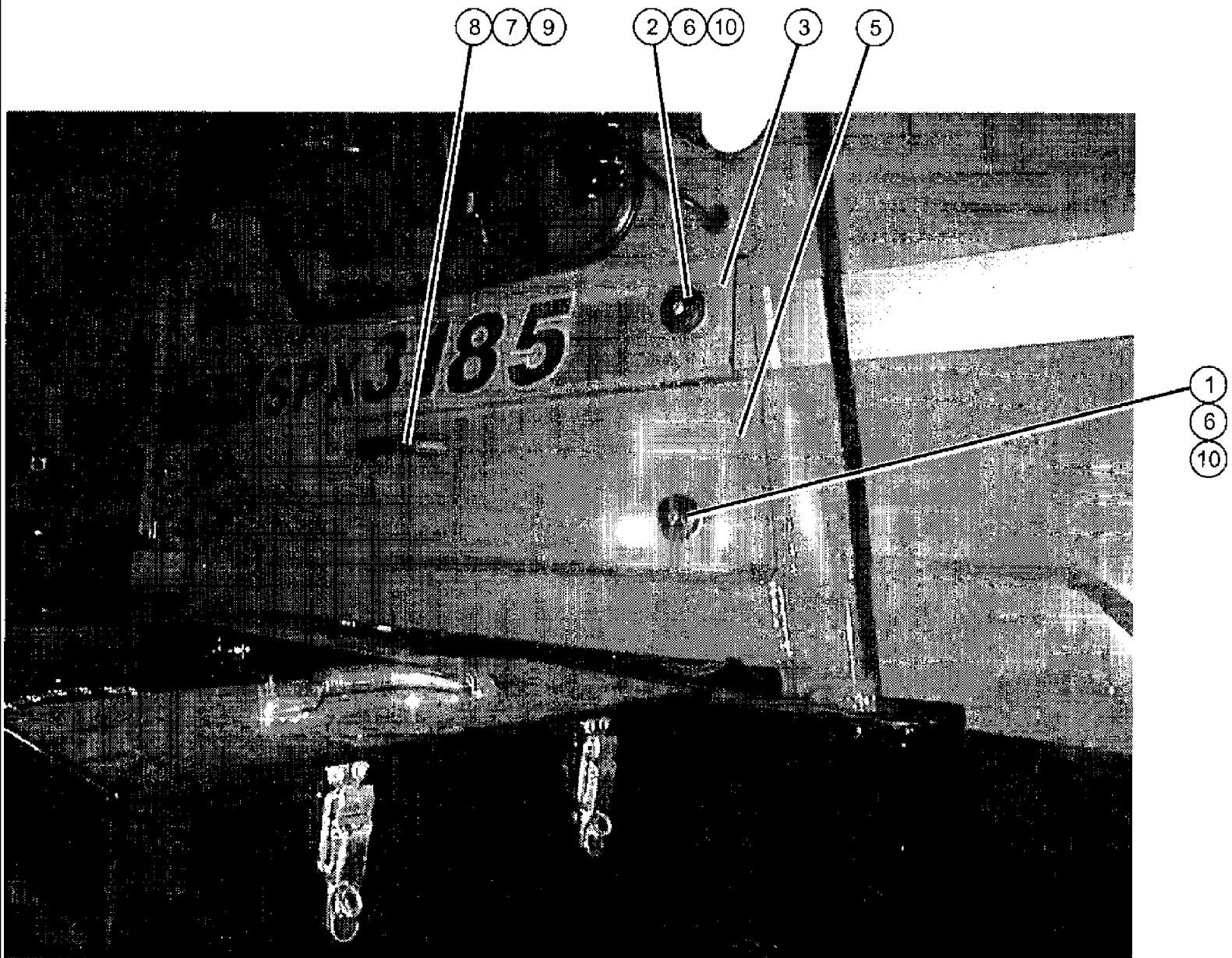
Complete Part # BN311020 (Ref Only)



Position drive arm, item #2, to the right as shown (must be parallel with motor mount bracket). Torque nut to 150-180 lbs. in. Position pin "D" in hole "B" of item #3. This will give an 85° wiping angle and park the wiper arm and blade on the right side of the windshield as viewed from the operator's seat.

сылка	Номер детали	Кол-во	Описание
	BN63683	1	WIPER MOTOR, ASSEMBLY, Includes: 1-5
1	BN29267	1	WIPER MOTOR, WIPER, 2 speed, 12V, Part of Wiper Motor Assembly, P/N BN63683
2	BN29268	1	DRIVE, WIPER arm, Part of Wiper Motor Assembly, P/N BN63683
3	BN29269	1	PIVOT, WIPER shaft, Part of Wiper Motor Assembly, P/N BN63683
4	BN29270	1	ADAPTER, ARM pantograph, bk, Part of Wiper Motor Assembly, P/N BN63683
	BN50939	2	BOLT, 1/4-28 x .5, SS
5	BN29881	1	MOUNTING PARTS, wiper motor, Part of Wiper Motor Assembly, P/N BN63683
	BN50051	1	NUT, whiz, 1/4"-20, UNC
	BN50671	1	BOLT, 1/4-20 x 1.0, SS
6	BN29271	1	BLADE, HALF, wiper, black, 22"
7	BN67973	1	WIPER ARM, pantograph, black, 20"

Position drive arm, item #2, to the right as shown (must be parallel with motor mount bracket). Torque nut to 150-180 lbs. in. Position pin "D" in hole "B" of item #3. This will give an 85° wiping angle and park the wiper arm and blade on the right side of the windshield as viewed from the operator's seat.



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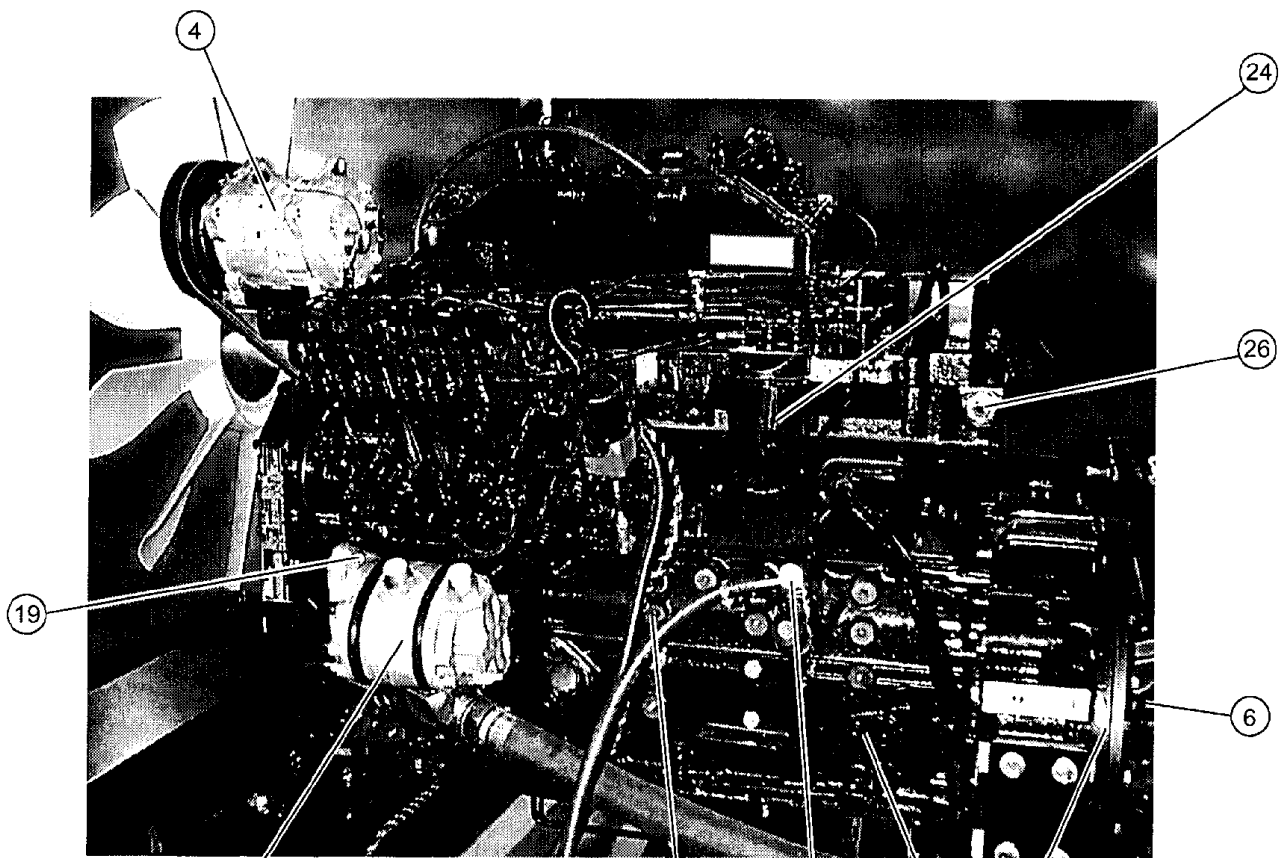


SPX3185 PATRIOT SPRAYER (10/02- )

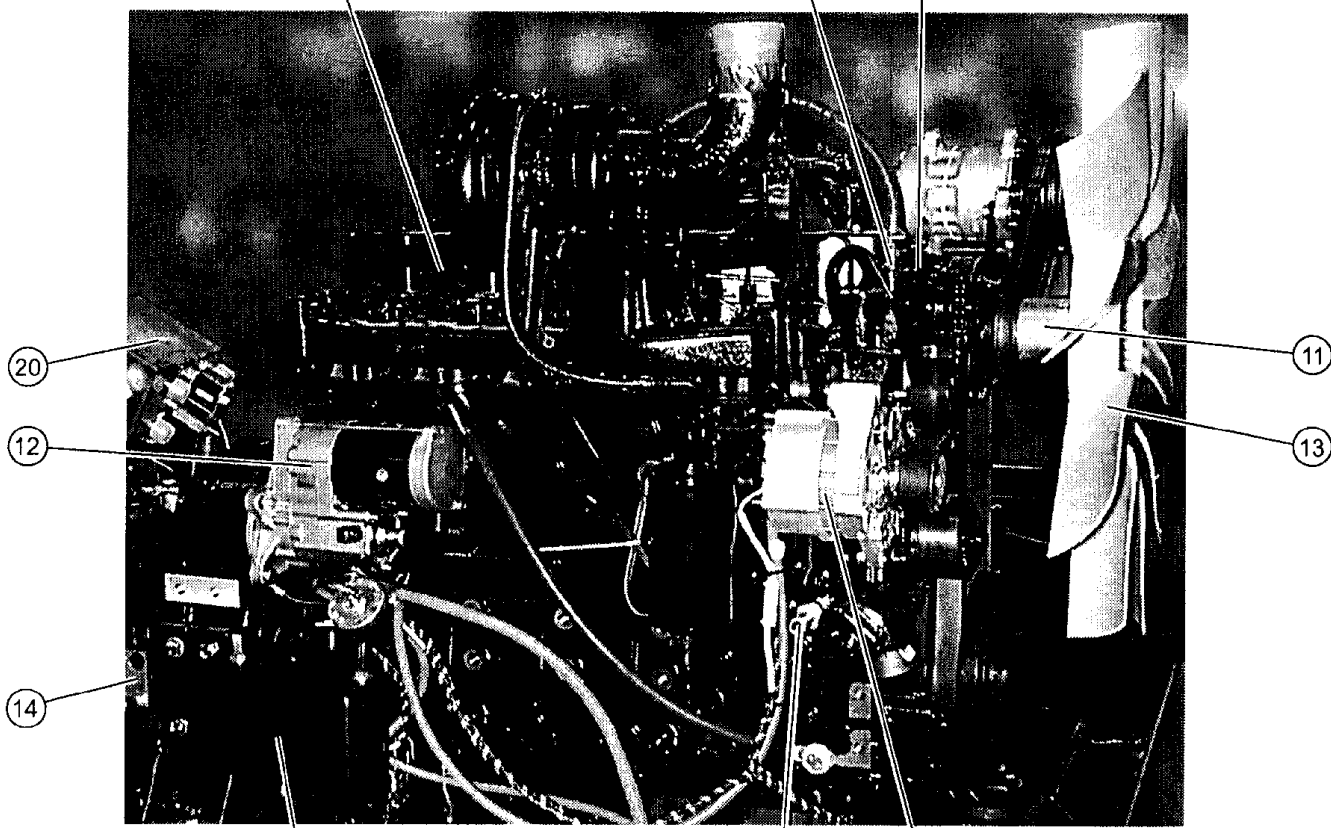
02-013 CAB EXTERIOR - ACCESS PANEL ASSEMBLY, RH

сылка	Номер детали	Кол-во	Описание
1	113-2296	2	BOLT, Hex, 3/8"-16 x 2", G5, Full Thd,
2	113-82	2	BOLT, Hex, 3/8"-16 x 3", G5, Full Thd,
3	342161A1	1	STIFFENER, STIFFENER panel
4	342163A1	1	SEAL, SEAL electrical bay, not shown, behind access panel
5	BN303165	1	PANEL, SIDE, access
6	BN303278	4	WASHER, 3/8, NP, SS
7	BN310266	2	NUT, set screw, 10-24, NLN, SS
8	BN311626	1	HANDLE, molded grab, black
9	BN311631	2	BOLT, set screw, 10-24 x .75, BSH, SS
10	BN65448	4	KNOB, 3/8"-16, F

Ref # BN67936



1563

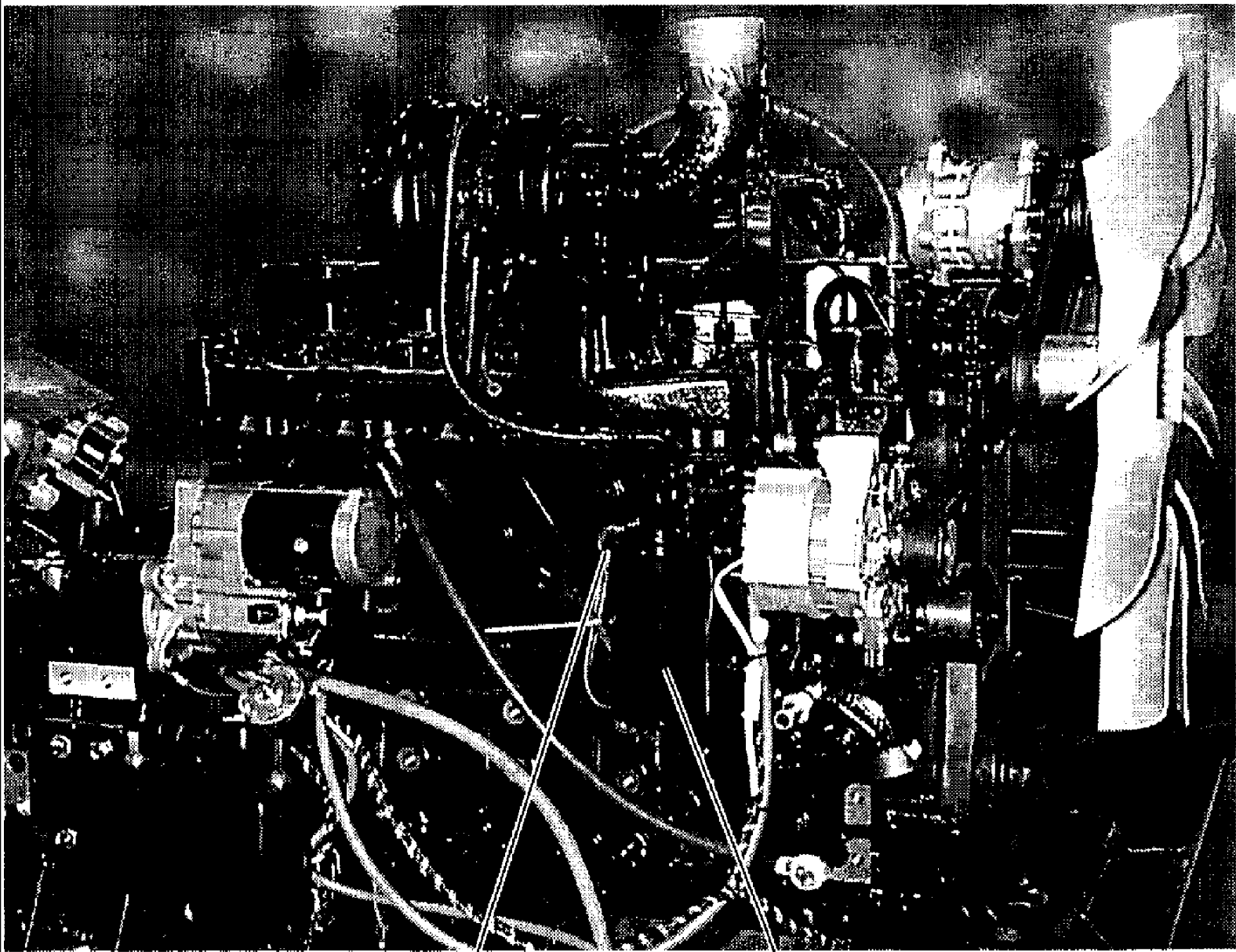


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## 03-002 ENGINE - ENGINE PACKAGE

сылка	Номер детали	Кол-во	Описание
1		1	ASSEMBLY- throttle cable., see Figure 03-074
2	BN310569	1	ELBOW, HOSEBARB, 1/2MPT x 3/8 x 90DEG
3		1	ENGINE ASSEMBLY , see Figure 03-004
4		1	A/C COMPRESSOR PKG, see Figure 03-068
5		1	MUFFLER ASSEMBLY, not shown, see Figure 03-075
6		1	HYDROSTAT ASSEMBLY, w/adapter, see Figure 06-005
		1	PKG. HDW. HYDSTAT SUPPORT MTG., see Figure 03-073
7		1	PACKAGE alternator, see Figure 03-069
10	BN316131	1	PACKAGE vent-head
	BN72167	1	BUSHING, 1/2 x 1/4 PTR-S
	BN53433	1	FITTING, FT, HB, 1/4" NPT x 1/4" HS, STL
11	BN316111	1	SPACER-FAN, W/HDWE
	BN300499	4	WASHER, M10, FW, 10.9
	827-10100	4	BOLT, Hex, M10 x 100, 10.9, hex head, M10-1.5 x 100, 10.9
	A184547	1	SPACER, fan, 70 mm, Part availabe only through Case's Global After Sales Organization.
12	BN311554	1	ENGINE, STARTER PKG, W/HDWE
	259720A1	1	MOTOR, STARTER, 12V, 4.0 KW (DENSO)
	83246410	1	M10-1.5, HN, 8.8, battery stud
	895-11010	1	WASHER, M10 x 20 x 2, , Part availilabe only through Case's Global After Sales Organization.
	614-10035	3	BOLT, Hex, M10 x 35, 8.8, Full Thd, Mounting
	892-11005	1	WASHER, LOCK, M5, Solenoid, Part availilabe only through Case's Global After Sales Organization.
	892-11010	1	WASHER, LOCK, M10, Battery stud, Part availilabe only through Case's Global After Sales Organization.
13	BN315810	1	FAN, FAN, 26" dia.
14		1	PKG hydrostat linkage, see Figure 03-081
15		1	FLYWHL COUPLR ASSEMBLY see Figure 03-005
16		1	SOL. MNT., w/shield, see Figure 03-078
17	326347A1	1	SENDER UNIT, temp. 1/2-14NPTF
18	326346A2	1	SENDER UNIT, pressure M10 x 1, O-ring
	637-62081	1	O-RING, CI 6, 8.1MM ID x 1.6 Thk,
19	BN310636	2	STUD, M12 x 1.75 x 90
	825-1412	2	NUT, M12, CI 8, , Part availilabe only through Case's Global After Sales Organization.
	892-11012	2	WASHER, LOCK, M12, , Part availilabe only through Case's Global After Sales Organization.
20		1	ASSEMBLY f & s valve, w/fitting, see Figure 06-009
21		1	RADIATOR, not shown, see Figure 03-083
22		1	PUMP ASSEMBLY tandem, w/adapter, see Figure 06-005
23	BN76094	2	CLAMP, HOSE, #M5, SS
25	217-153	1	FITTING, 5/8" Hose X 1/2" NPTF Beaded, barb, 1/2NPT x 5/8 , Part availilabe only through Case's Global After Sales Organization.
26	217-381	1	FITTING, 5/8" Hose X 3/4" NPTF Beaded, barb, 3/4NPT x 5/8, Part availilabe only through Case's Global After Sales Organization.
NS		1	RETAINER rad, drain hose, see Figure 03-083
NS	BN322891	1	HARNESS, WIRE, HARNESS engine
NS	BN72167	1	BUSHING, red

Complete Part # BN310722 (Ref Only)



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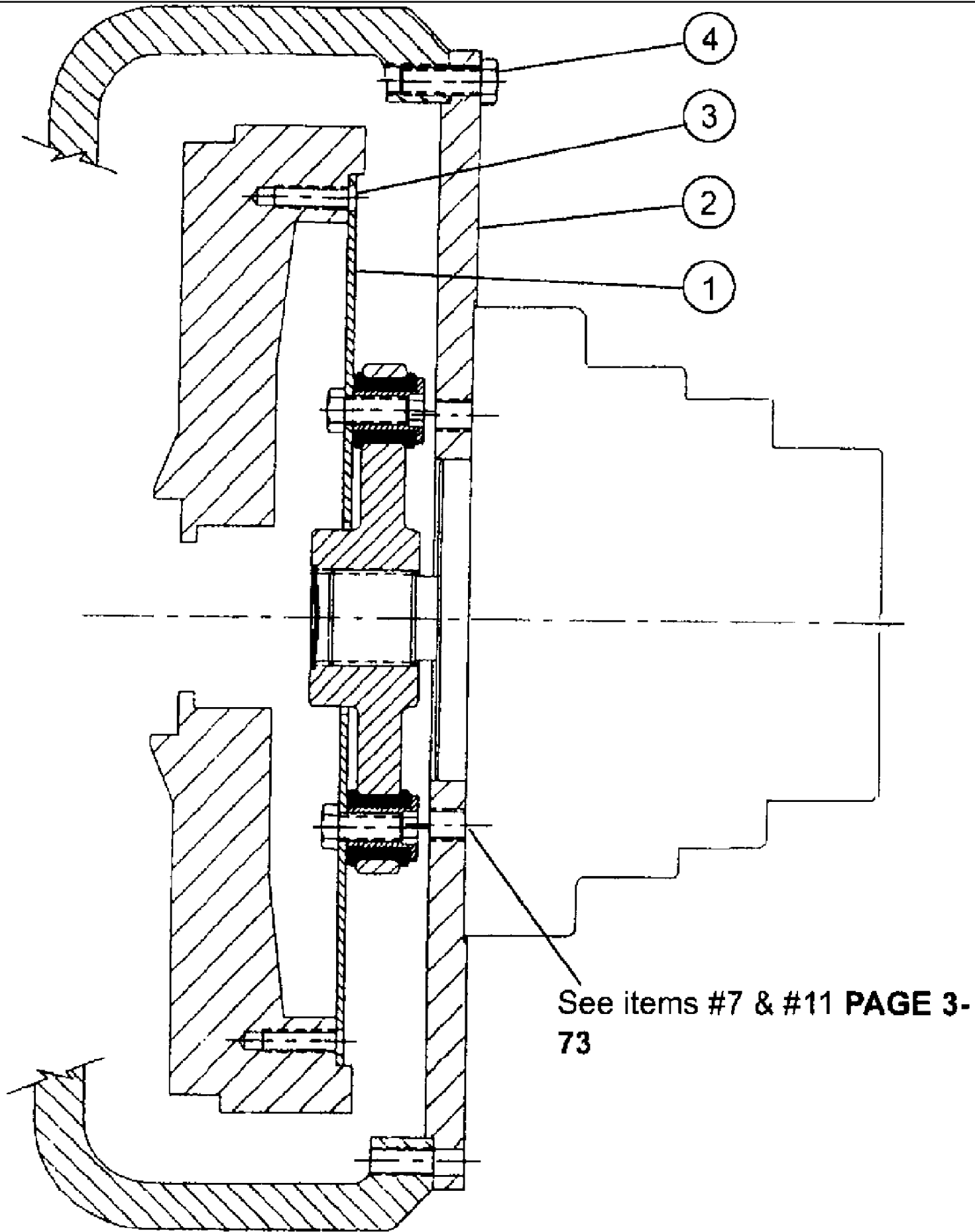


Complete Part # BN310736 (Ref Only) Part available only through Case's Global After Sales Organization.

## 03-004 ENGINE - ENGINE ASSEMBLY

сылка	Номер детали	Кол-во	Описание
1		1	CORD electric, 110V, for engine heater, see Figure 03-034
	321943A4	1	ENGINE ASSY, CDC, 6TA-590
8		1	FILTER oil, see Figure 03-023
9		1	HEATER engine block, see Figure 03-032
NS		1	GASKET intake manifold, see Figure 03-049

Complete Part # BN310736 (Ref Only) Part available only through Case's Global After Sales Organization.



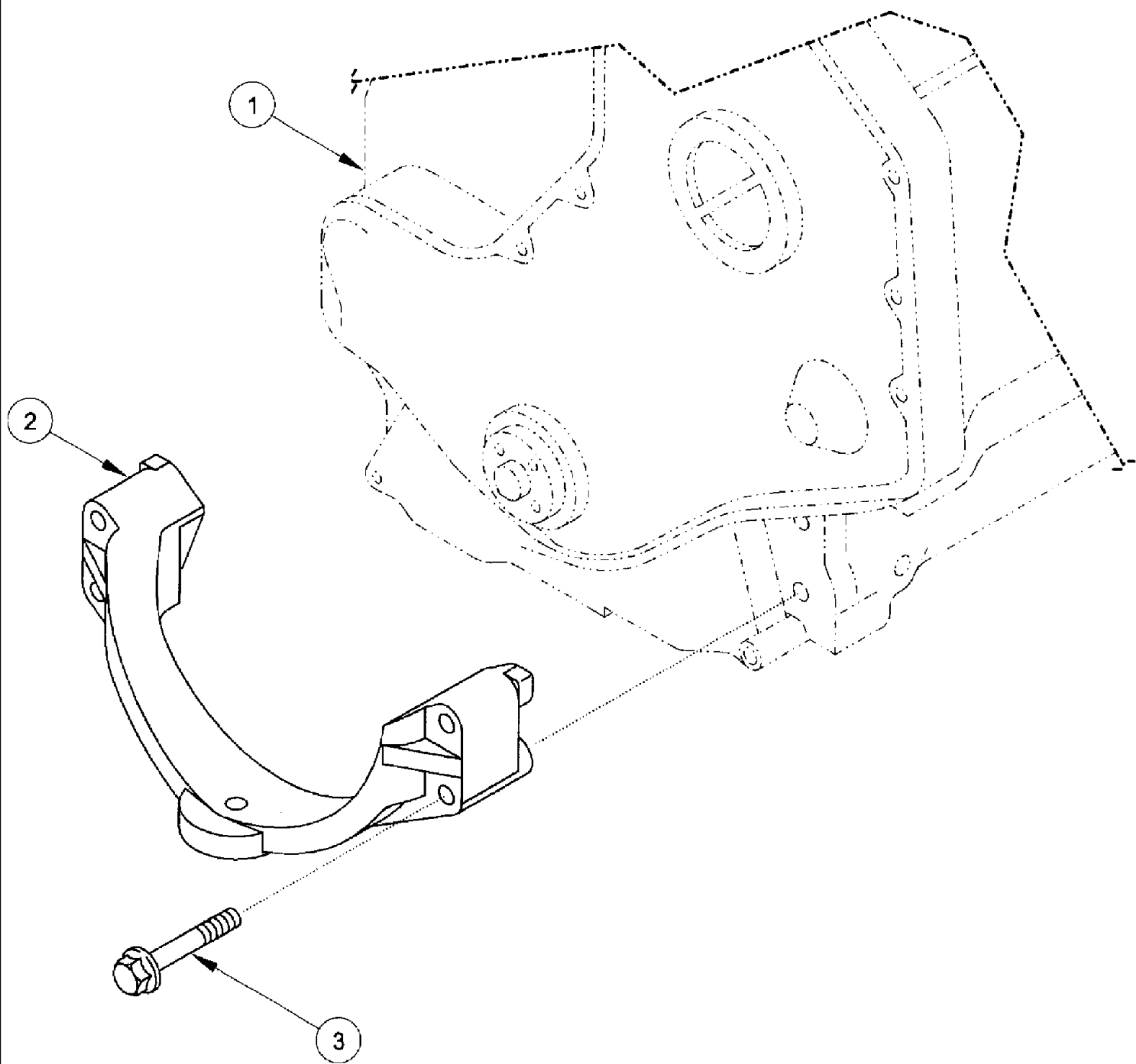
1565

Complete Part # BN311596 (Items 1-4) (Ref Only)

## 03-005 ENGINE - FLYWHEEL COUPLER ASSEMBLY

сылка	Номер детали	Кол-во	Описание
	BN25680	1	PLATE, COUPLER ASSEMBLY, pump MT, Includes: REF 1 & 2
1	BN309955	1	FLYWHEEL,
2	BN309956	1	FLYWHEEL WITH GEAR, PLATE pump mount
3	BN311109	8	NUT, hex head, 3/8-16 x .75, G8
4	614-10030	10	BOLT, Hex, M10 x 30, 8.8,
	614-10035	2	BOLT, Hex, M10 x 35, 8.8, Full Thd, Hydrostat cable mount
	BN300499	2	WASHER, hydrostat cable mount, M10, FW, 8.8

Complete Part # BN311596 (Items 1-4) (Ref Only)



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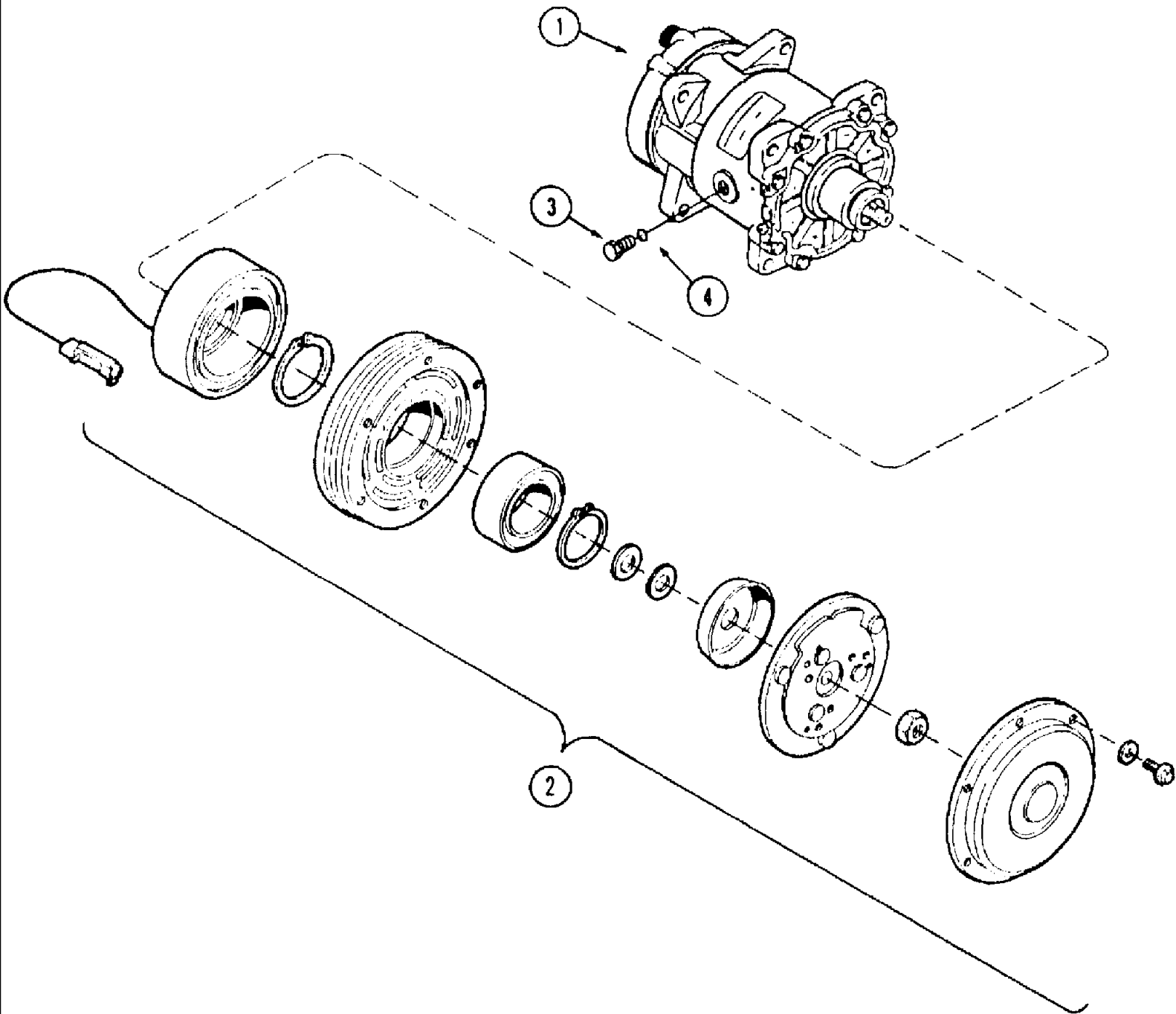


SPX3185 PATRIOT SPRAYER (10/02- )

03-006 ENGINE - FRONT ENGINE SUPPORT

сылка	Номер детали	Кол-во	Описание
1	J918996	1	SUPPORT, engine, front
2	854-12090	4	BOLT, Hex Flg, M12 x 90, 10.9, BOLT heavy hex flange, 12 - 1.75 x 90 mm, class 10.9

Part available only through Case's Global After Sales Organization.



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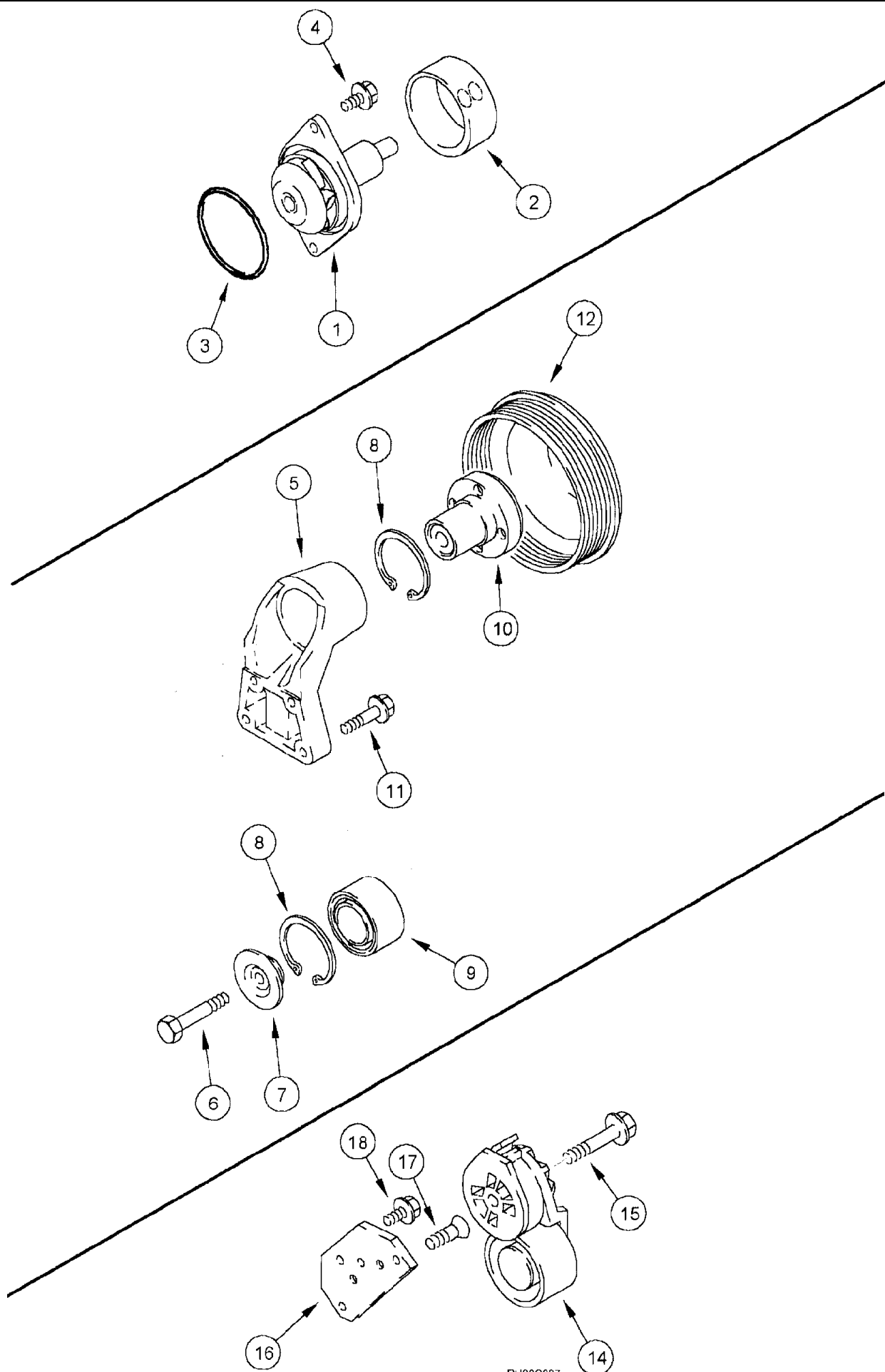
SPX3185 PATRIOT SPRAYER (10/02- )

03-008 ENGINE - COMPRESSOR ASSEMBLY

сылка	Номер детали	Кол-во	Описание
1	1999755C3	1	COMPRESSOR, ASSEMBLY, Includes: 2, 3, 4
2	135324A1	1	CLUTCH, ASSEMBLY, Part of Ref. 1, Compressor Assembly, P/N1999755C3
3	A49667	1	PLUG, , Part of Ref. 1, Compressor Assembly, P/N1999755C3
4	128483A1	1	O-RING, 5/16 ID x 1/16, Part of Ref. 1, Compressor Assembly, P/N1999755C3

Part available only through Case's Global After Sales Organization.

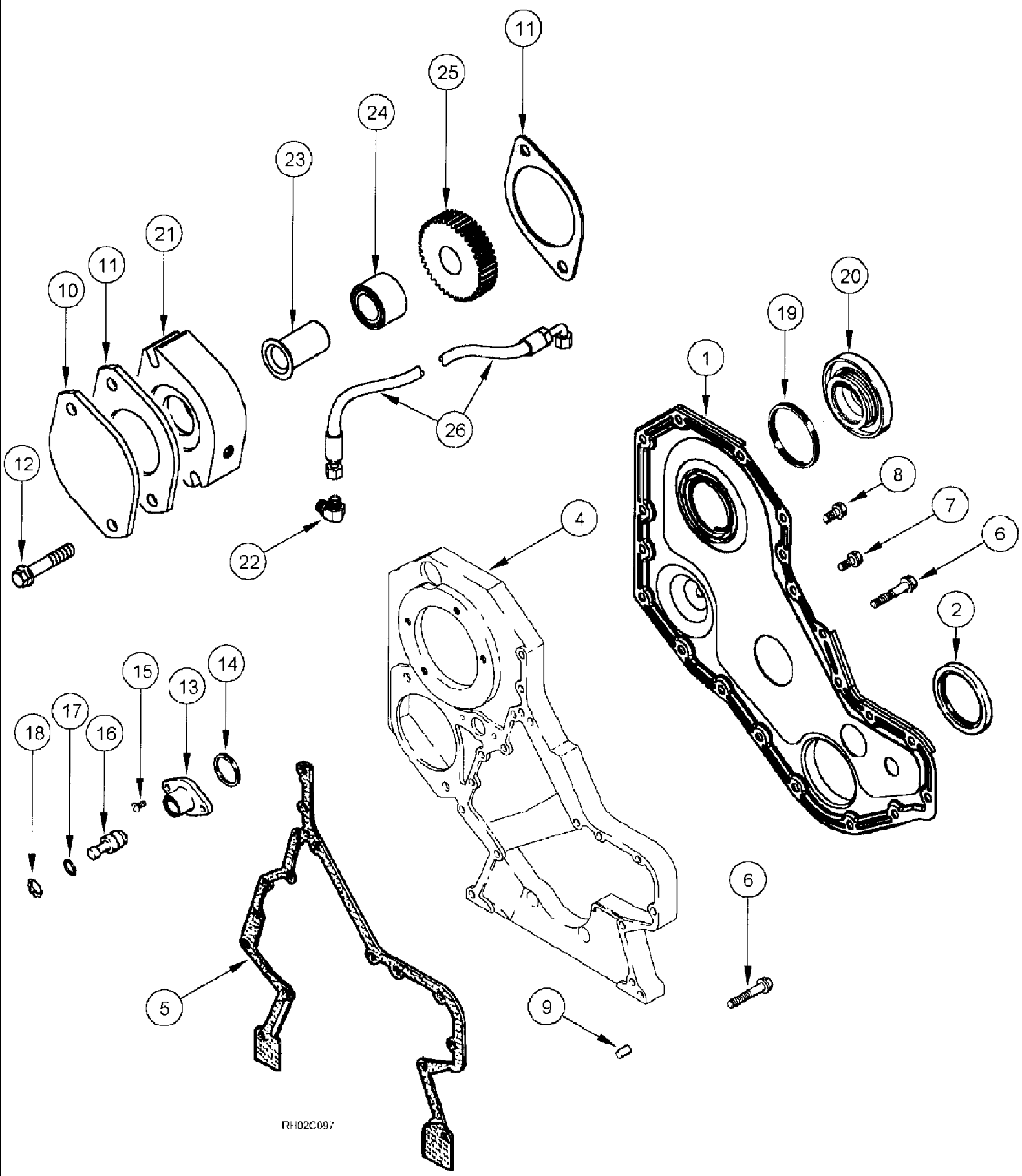
03-010 ENGINE - WATER PUMP, BELT TENSIONER AND FAN BELT



R-102C087

## 03-010 ENGINE - WATER PUMP, BELT TENSIONER AND FAN BELT

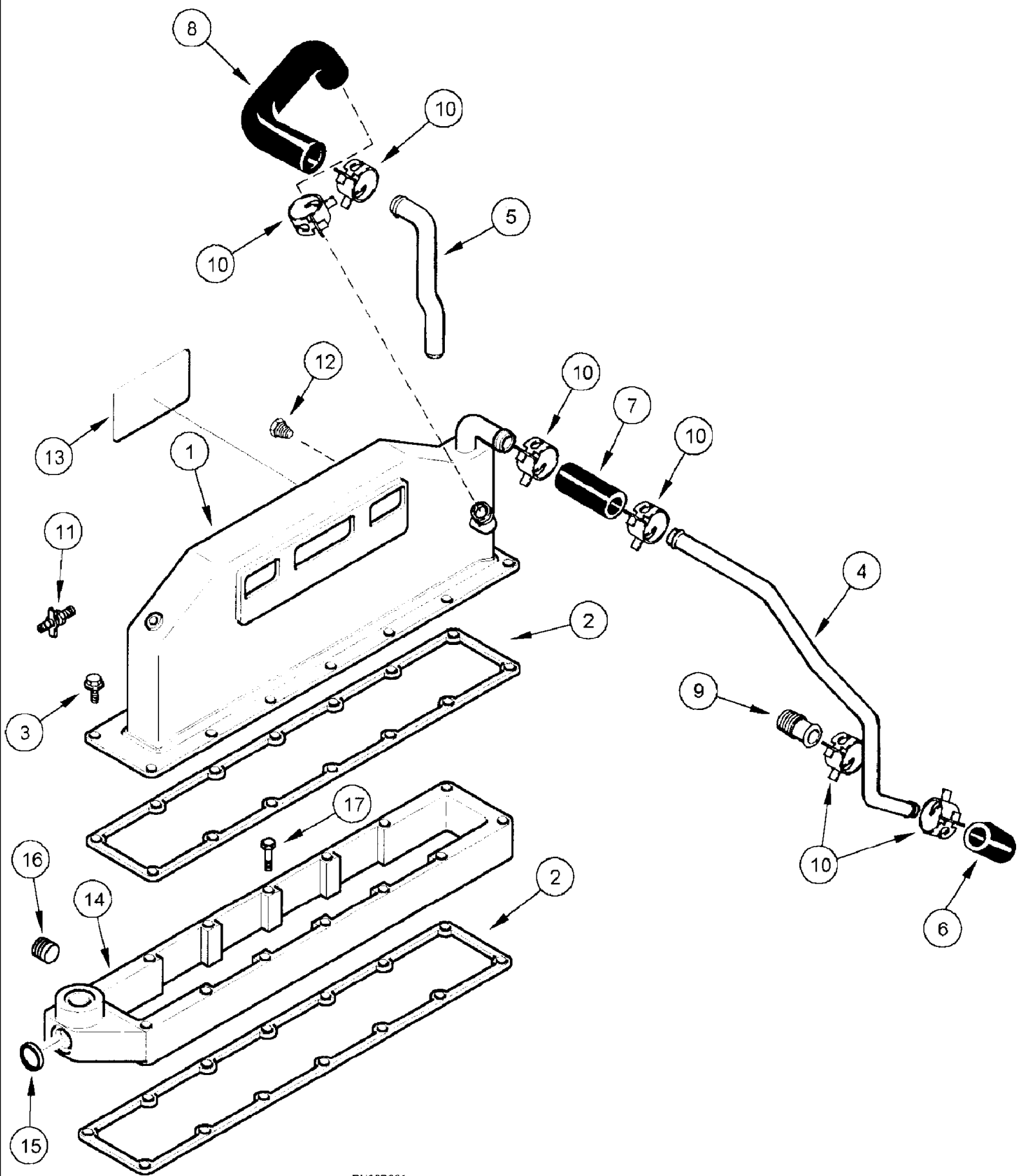
сылка	Номер детали	Кол-во	Описание
	J286277	1	PUMP, WATER, KIT
1	NSS	1	NOT SERVICED SEPARATELY, PUMP water
2	NSS	1	NOT SERVICED SEPARATELY, PULLEY water pump
3	J906698	1	SEAL, RUBBER, O-RING 3-1/2 ID x 3/16 inch wide
4	J900227	2	SCREW, Hex, M8 x 1.25 x 22,
5	J911922	1	SUPPORT ASSY., BRACKET fan pulley
6	J907769	1	BOLT, BOLT hex, special, 10 - 1.5 x 70 mm, class 12.9
7	J923044	1	RETAINER, fan hub
8	100-21250	2	RING, SNAP, 2.50", Int, #250,
9	J910739	1	BEARING, BALL,
10	J911924	1	HUB, fan
11	854-8040	4	BOLT, Hex Flg, M8 x 40, 10.9, BOLT heavy hex flange, fan bracket to cylinder block, 8 - 1.25 x 40 mm class 10.9
12	J914462	1	PULLEY, fan, 1.1 to 1 ratio
14	J936203	1	TENSIONER, BELT, belt
15	844-10070	1	BOLT, Hex Flg, M10 x 70, 8.8, Belt tensioner mounting
16	J925207	1	SUPPORT, BRACKET belt tensioner
17	J925186	1	SCREW, COUNTERSUNK, Torx Soc, M8 x 1.25 x 21, flat head cap, torx, special, 8 - 1.25 x 25 mm
18	845-8025	1	BOLT, Hex Flg, M8 x 25, 8.8,



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## 03-012 ENGINE - FRONT GEAR COVER

сылка	Номер детали	Кол-во	Описание
1	J935583	1	COVER, gear, front
2	NSS	1	NOT SERVICED SEPARATELY, SEAL oil, front, order seal kit A77889 or A77890 on page 03-040
4	J936256	1	HOUSING, timing gear
5	J938156	1	GASKET, gear housing
6	845-8050	11	BOLT, Hex Flg, M8 x 50, 8.8, Front gear cover to timing-gear housing to block, and housing to block
7	J924962	11	BOLT, hex flange, special, 8 - 1.25 x 16 mm, front gear cover to timing-gear housing to block, and housing to block
8	J926846	5	BOLT, BOLT hex flange, 8 - 1.25 x 20 mm, class 10.9
9	J900257	2	PIN, dowel, locating, 16 mm long
10	J914868	1	COVER, PLATE access, flat
11	J938655	2	GASKET, cover
12	854-12065	2	BOLT, Hex Flg, M12 x 65, 10.9, BOLT heavy hex flange, 12 - 1.75 x 65 mm, class 10.9
13	J919683	1	HOUSING, timing pin
14	J915772	1	SEALRING, RING quad, timing pin housing
15	J907998	2	SCREW, LOCK, Spc Rd Torx Hd, M5 x 17,
16	J903924	1	PIN, timing
17	J913994	1	O-RING, sealing
18	100-2587	1	RING, SNAP, 0.875", Int, #87,
19	J903475	1	SEAL, front cover access
20	J903463	1	COVER, COVER front access
	J939961	1	DRIVE ASSY., hydraulic pump
21	J939957	1	ADAPTER, hydraulic pump
22	J939694	1	ELBOW, plain union, M10 x 7/16 inch
23	J935645	1	SHAFT, accessory drive
24	J935644	1	BEARING, ROLLER,
25	J936136	1	GEAR, accessory drive
26	J925100	1	HOSE, FLEXIBLE, 125 mm, 4-59/64 inch
	J823494	1	SEALANT, liquid bond, used between frt gear cover and timing seal, HSG



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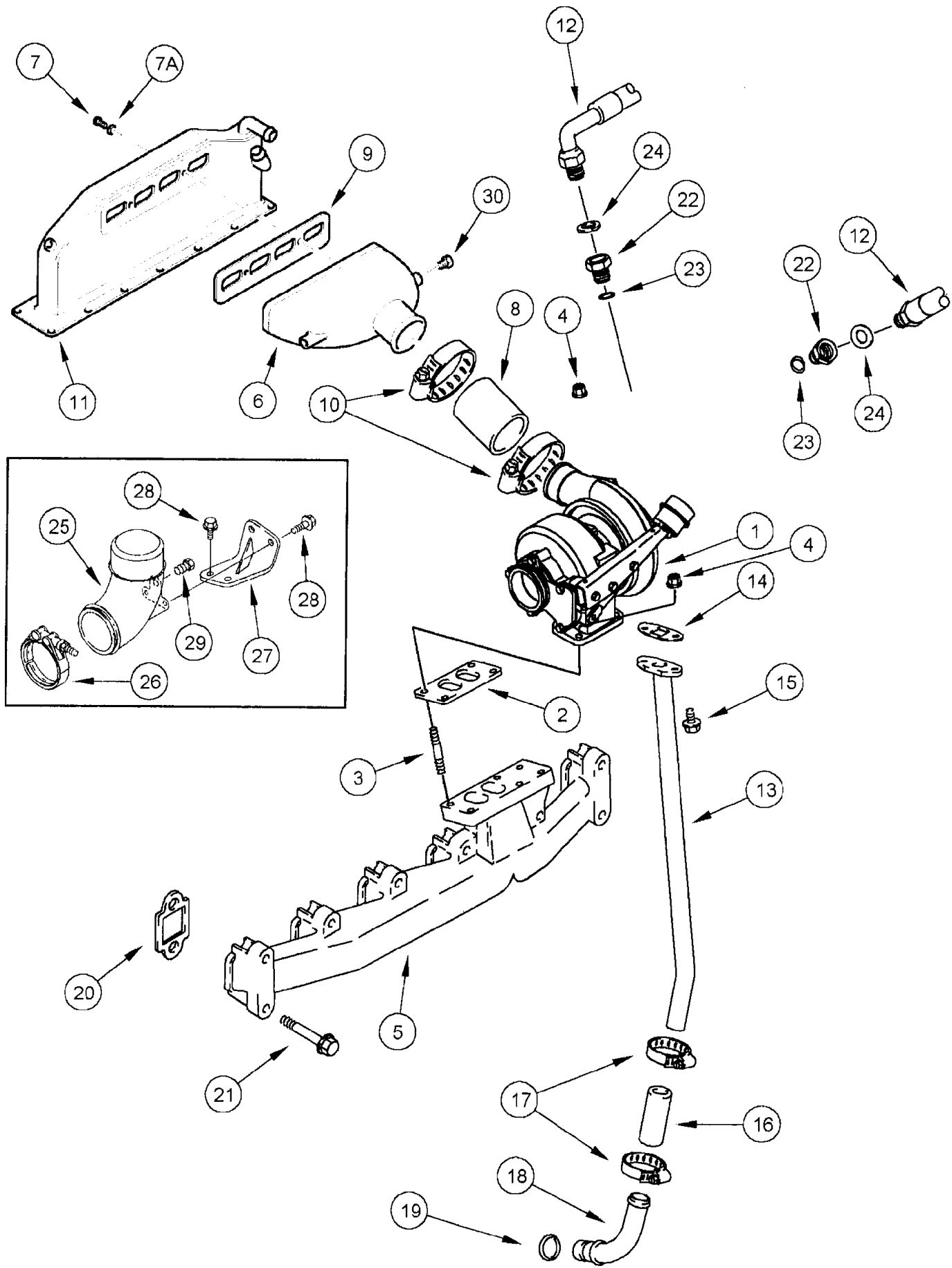


## SPX3185 PATRIOT SPRAYER (10/02- )

## 03-014 ENGINE - AFTERCOOLER

сылка	Номер детали	Кол-во	Описание
1	J928503	1	COOLER, AFTER air intake
2	J938152	2	GASKET, mounting
3	J930837	10	SCREW, BOLT hex flange, special, 8 x 50 mm
4	J927956	1	TUBE, aftercooler return
5	J926446	1	TUBE, aftercooler supply
6	J918607	1	HOSE, LARGE, elbow
7	J918611	1	HOSE, LARGE, tube to aftercooler, 63 mm, 2-1/2 inch, long,
8	J928492	1	TUBE, HOSE elbow, return
9	J907167	1	COUPLING, SPLINED, block to hose
10	J937613	6	CLAMP, HOSE, spring type, aftercooler hoses to tubes
11	J909394	1	COCK, DRAIN, VALVE air bleed
12	J906619	1	PLUG, hex, 1/8 inch pt, installed in aftercooler drain
13	J910778	1	DECAL, caution, open during fill, not shown
14	J928464	1	SPACER, aftercooler
15	J900956	1	PLUG, expansion, 18 mm od
16	217-466	1	PLUG, DRAIN, Sq Soc, 1/2"-14, NTPF,
17	845-6015	1	BOLT, Hex Flg, M6 x 15, 8.8, Full Thd, BOLT heavy hex flange, 6 - 1.0 x 15 mm

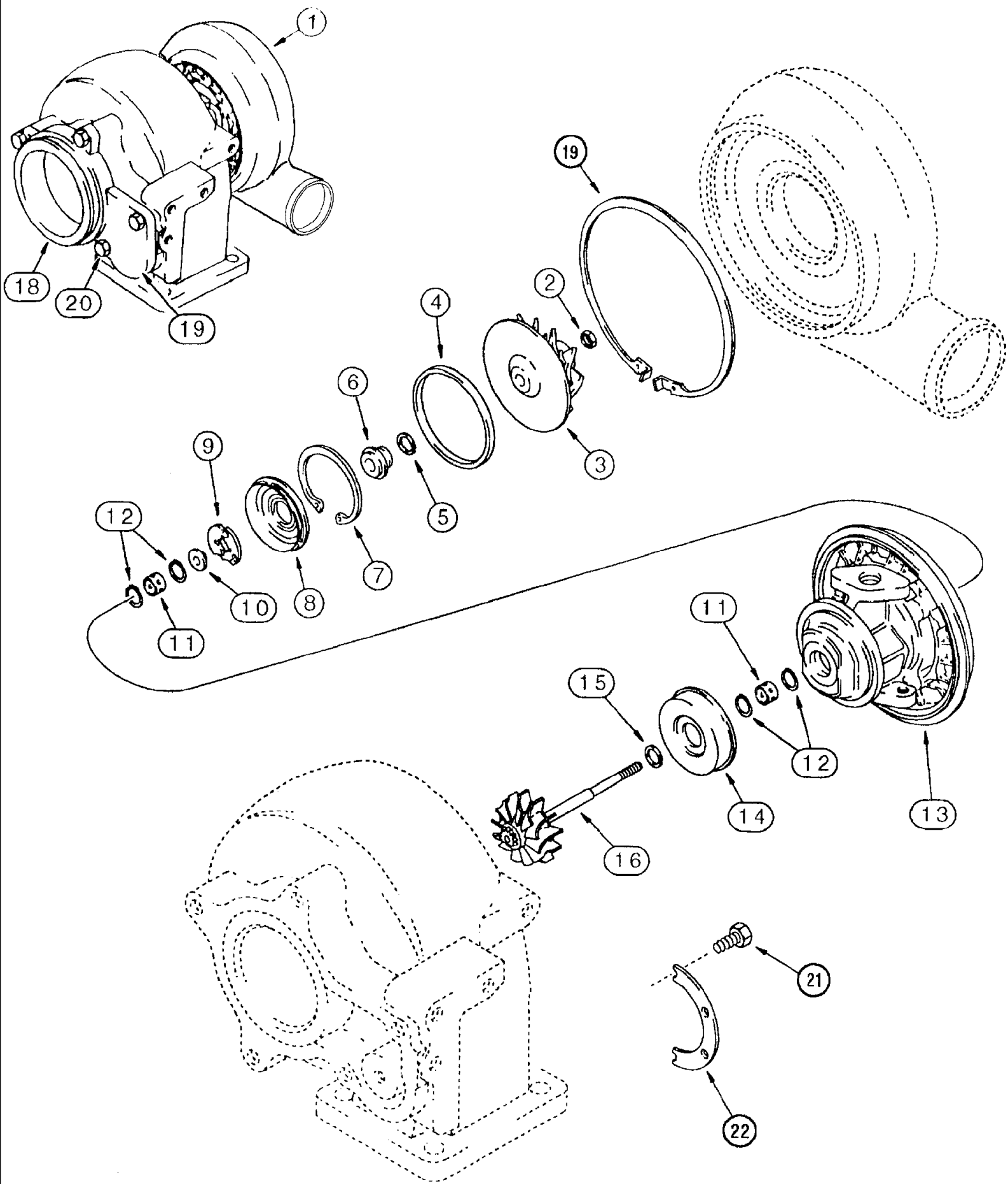
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## 03-016 ENGINE - TURBOCHARGER SYSTEM

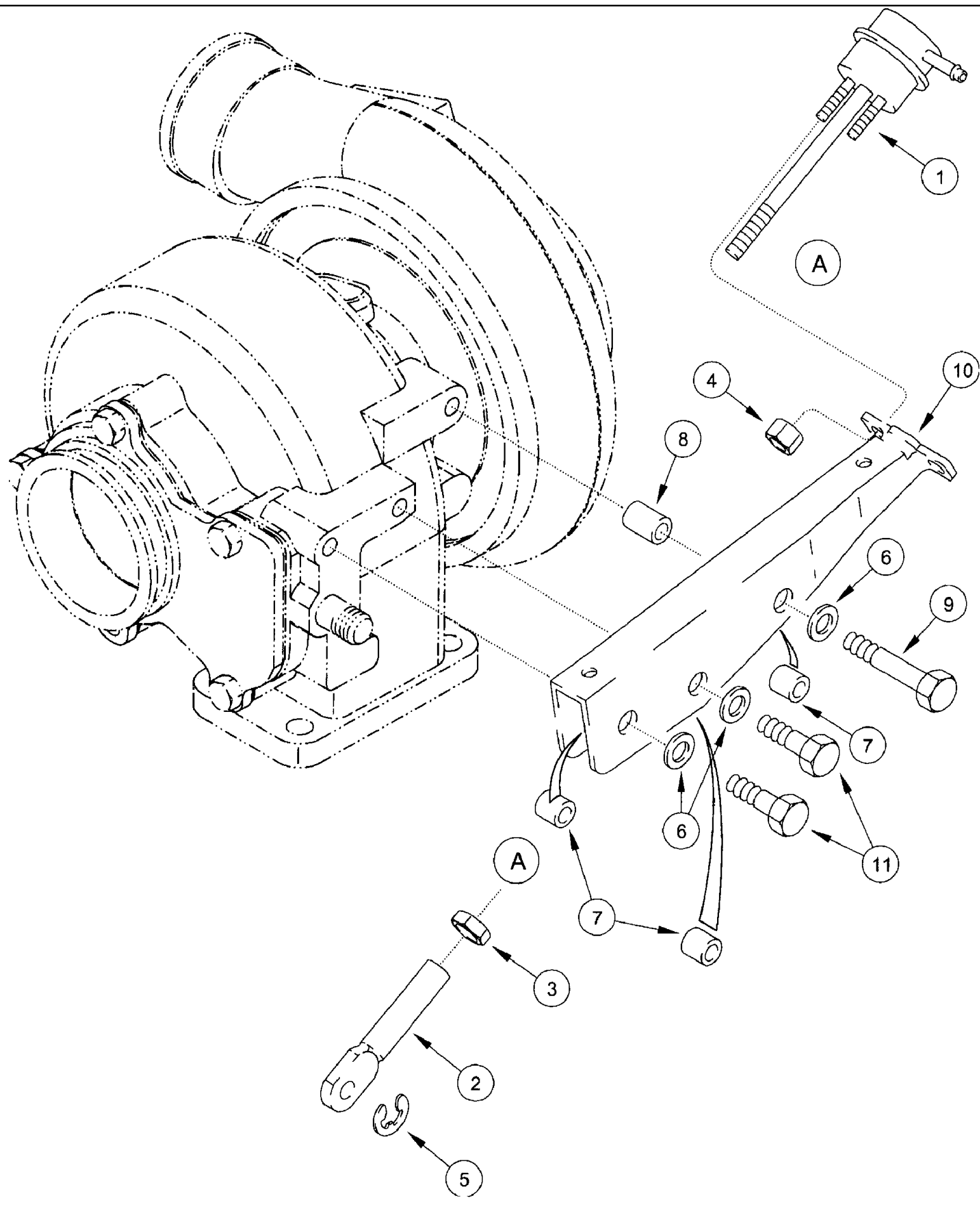
сылка	Номер детали	Кол-во	Описание
1	J802697	1	KIT, turbocharger, engine, see page 03-018 for parts
2	J919369	1	GASKET, turbocharger to manifold
3	J818823	4	STUD, turbocharger mounting
4	J818824	4	NUT, hex flange, special,, 10 mm - 1.5
5	J931747	1	MANIFOLD, exhaust
6	J928502	1	CONNECTOR, air crossover
7	845-8075	2	BOLT, Hex Flg, M8 x 75, 8.8,
7A	896-15008	2	WASHER, M8 x 21.5 x 2.5, HT, flat, hardened, 9 x 21 x 2.5 mm
8	J916437	1	HOSE, air compressor
9	J930426	1	GASKET, air crossover connection
10	214-1540	2	CLAMP, HOSE, #40, 2.06/3.00 Type F Worm, W/liner,
11	J928503	1	COOLER, AFTER air intake, see Figure 03-015 for mounting and supply tubes
12	J918562	1	HOSE, oil supply, 538 mm (21-3/16 inch) long
13	J934093	1	TUBE, turbocharger oil drain, upper
14	J937706	1	GASKET, turbo oil drain tube
15	845-8020	2	BOLT, Hex Flg, M8 x 20, 8.8, Full Thd, BOLT heavy hex flange, 8 - 1.25 x 20 mm
16	J286499	1	HOSE, oil drain, 76 mm (3 inch) long
17	214-1512	2	CLAMP, HOSE, #12, .69/1.25 Type F Worm, W/liner, adj, 11/16 - 1-1/4 inch dia.
18	J931973	1	TUBE, turbocharger oil drain, at block
19	238-7018	1	O-RING, -018, CI 7, .739" ID x .070" Thk,
20	J927154	6	GASKET, exhaust manifold
21	J901448	12	SCREW, Hex Flg, Lock, M10 x 1.50 x 65, BOLT heavy hex flange, 10 - 1.50 x 65 mm, class 10.9
22	J919687	2	CONNECTOR, ELEC, ADAPTER female hex, special
23	238-5013	1	O-RING, -013, 70 Duro, .426" ID x .070" Thk,
24	222-993	2	GASKET, 3/8 Tube, FI, Copper,
25	J910991	1	ELBOW, turbocharger ehaust
26	A170467	1	CLAMP, includes hardware
27	J930717	1	BRACKET, support
28	844-10025	4	BOLT, Hex Flg, M10 x 25, 8.8, Full Thd, Support bracket to exhaust manifold, and support bracket to turbocharger exhaust elbow
29	217-432	1	PLUG, Hex Soc, 1/4"-18, hex socket headless, 1/4 inch PT
30	J906619	1	PLUG, hex, 1/8 inch PT



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## 03-018 ENGINE - TURBOCHARGER ASSEMBLY

сылка	Номер детали	Кол-во	Описание
	JR802697	1	REMAN-TURBOCHARGER, KIT assembly, remanufactured
	JC536327	1	TURBOCHARGER, RETURN NUMBER use this part number to return turbocharger core for credit when using a remanufactured assmby
1	J802697	1	KIT, turbocharger, also Includes REF. 1 - 11 on page 03-020
2	NSS	1	NOT SERVICED SEPARATELY, NUT hex,lock
3	NSS	1	NOT SERVICED SEPARATELY, IMPELLER turbocharger
4	NSS	1	NOT SERVICED SEPARATELY, SEAL, O-ring
5	NSS	1	NOT SERVICED SEPARATELY, SEAL split ring
6	NSS	1	NOT SERVICED SEPARATELY, SLINGER oil
7	NSS	1	NOT SERVICED SEPARATELY, RING retaining
8	NSS	1	NOT SERVICED SEPARATELY, BAFFLE oil
9	NSS	1	NOT SERVICED SEPARATELY, BEARING thrust
10	NSS	1	NOT SERVICED SEPARATELY, COLLAR thrust
	NSS	2	NOT SERVICED SEPARATELY, BEARING impeller shaft
12	NSS	4	NOT SERVICED SEPARATELY, RING retaining
13	NSS	1	NOT SERVICED SEPARATELY, HOUSING bearing
14	NSS	1	NOT SERVICED SEPARATELY, SHIELD heat
15	NSS	1	NOT SERVICED SEPARATELY, SEAL split ring
16	NSS	1	NOT SERVICED SEPARATELY, ROTOR AND SHAFT turbocharger
17	NSS	1	NOT SERVICED SEPARATELY, PLATE oil seal, not shown
18	J535001	1	GASKET, adapter
19	J527759	1	ADAPTER, connection
20	614-8020	5	BOLT, Hex, M8 x 20, 8.8,
21	J759917	4	SET SCREW, set, hex head
22	J534309	2	PLATE, clamping
23	J533163	1	RING, SNAP, retaining
	J575169	1	KIT, REPAIR, KIT overhaul, turbocharger, Consists of: 2, 4, 5, 7, 8, 9, 11, 12, 15, 21
	J537817	1	HOUSING, CENTER ASSEMBLY turbocharger, Consists of: 2 - 17

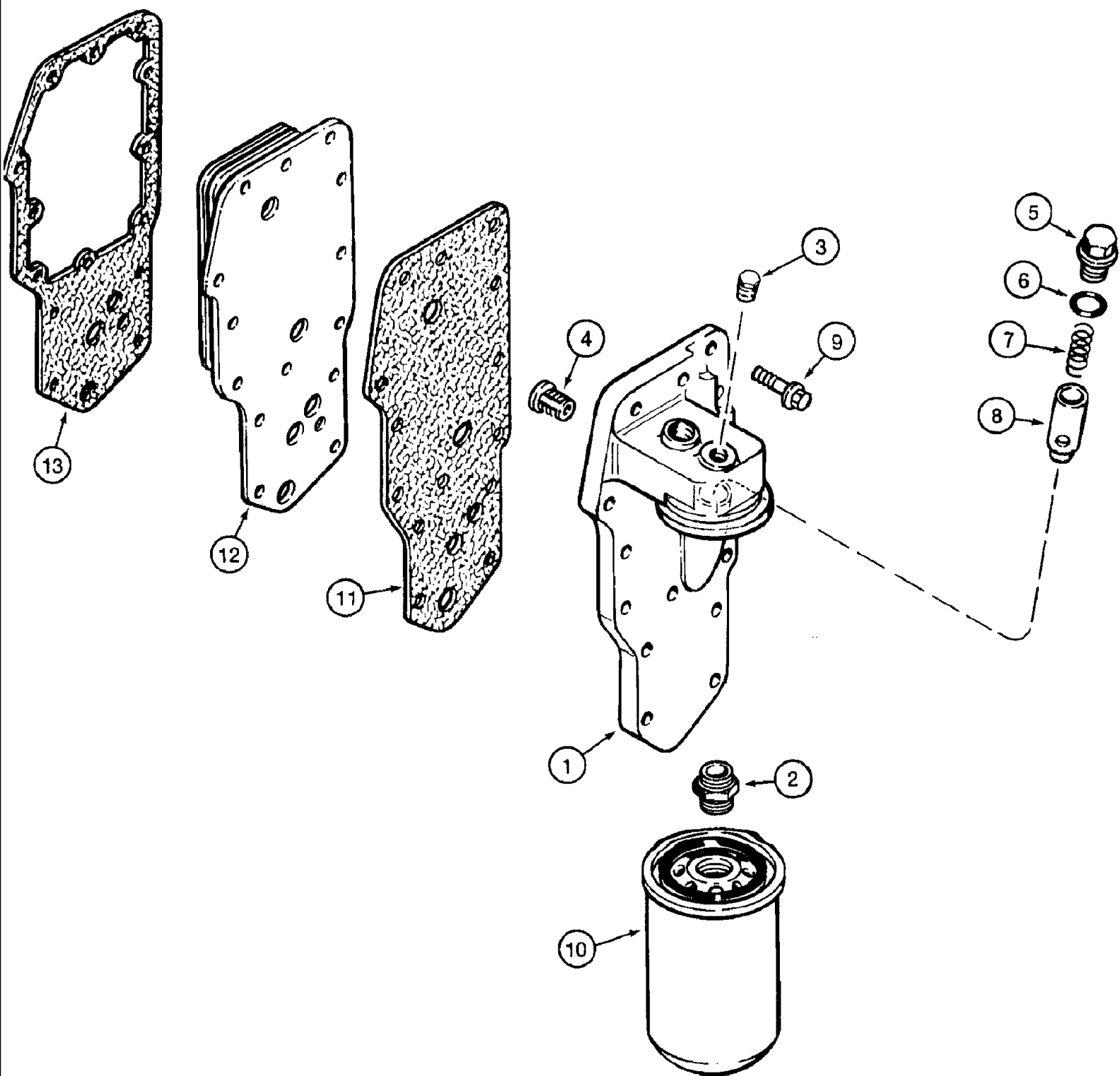


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## 03-020 ENGINE - WASTEGATE ACTUATOR

сылка	Номер детали	Кол-во	Описание
	J802697	1	KIT, turbocharger, also Includes: REF. 2 - 23 on page 03-018
1	J594348	1	ACTUATOR, turbocharger
2	J528177	1	LINK, adjusting
3	425-155	1	NUT, Jam, 5/16"-24, G5, hex, jam, 5/16 inch NF
4	J528204	2	NUT, lock
5	J528221	1	RING, SNAP, retaining
6	895-11008	3	WASHER, M8 x 16 x 1.6, flat, 9 x 17 x 1.6 mm
7	J532195	3	SPACER, mounting, short
8	J532196	1	SPACER, mounting, long
9	814-8055	1	BOLT, Hex, M8 x 55, 8.8, BOLT hex, 8 - 1.25 x 55 mm
10	J533328	1	SUPPORT, BRACKET wastegate actuator
11	814-8035	2	BOLT, Hex, M8 x 35, 8.8, BOLT hex, 8 - 1.25 x 35 mm



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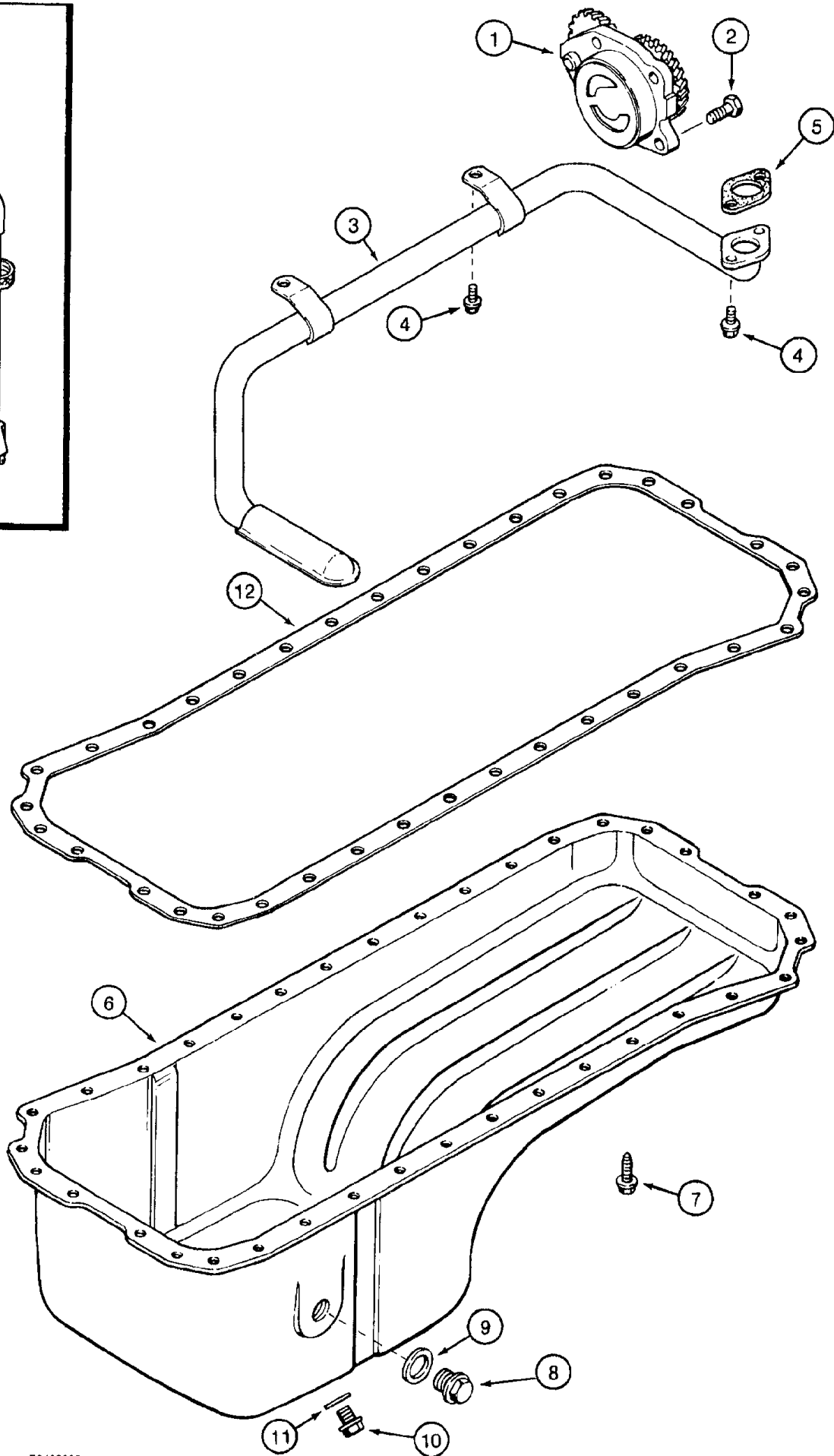
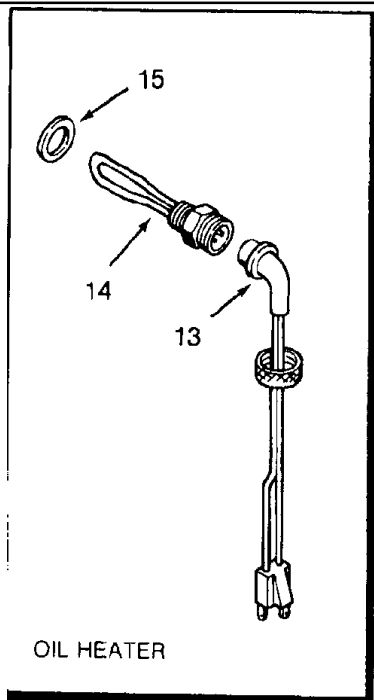


## SPX3185 PATRIOT SPRAYER (10/02- )

## 03-022 ENGINE - OIL FILTER &amp; COOLER

сылка	Номер детали	Кол-во	Описание
	J918954	1	HEAD, ASSEMBLY oil filter and cooler
1	NSS	1	NOT SERVICED SEPARATELY, HEAD oil filter and cooler
2	J909355	1	ADAPTER, filter head
3	J906619	1	PLUG, hex, 1/8 inch PT
4	J936365	1	VALVE, PRESSURE RELIEF,
5	J915787	1	PLUG, threaded
6	J929457	1	O-RING,
7	J925009	1	SPRING, compression
8	J918428	1	PLUNGER, regulator, pressure
9	845-8035	14	BOLT, Hex Flg, M8 x 35, 8.8, BOLT heavy hex flange, 8 - 1.25 x 35 mm
10	J934430	2	FILTER, ENGINE OIL, engine oil, cartridge
11	J942915	1	GASKET, filter head
12	J921558	1	COOLER, CORE oil
13	J942914	1	GASKET, oil cooler core

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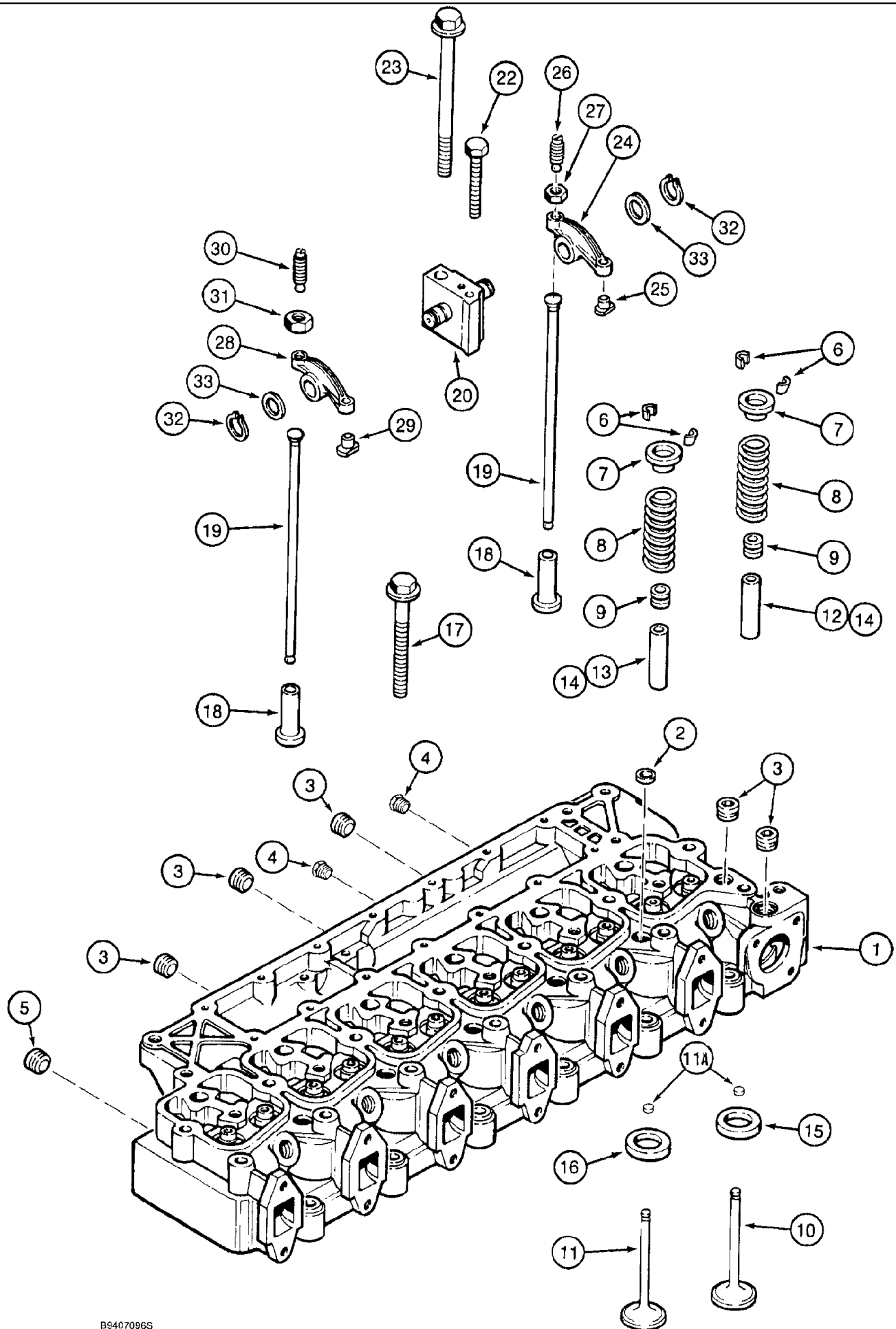
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сылка	Номер детали	Кол-во	Описание
	JR937404	1	REMAN-PUMP, ENGINE OIL, ASSEMBLY remanufactured, North America only
	JC937404	1	CORE-PUMP, ENGINE OIL, RETURN NUMBER use this part number to return pump core for credit when using a remanufactured assembly
1	J937404	1	PUMP, ENGINE OIL, ASSEMBLY new
2	J900677	4	BOLT, hex, full threads, 8 - 1.25 x 30 mm
3	J921992	1	PIPE, SUCTION, TUBE oil
4	845-8020	4	BOLT, Hex Flg, M8 x 20, 8.8, Full Thd, BOLT heavy hex flange, 8 - 1.25 x 20 mm
5	J938157	1	GASKET, mounting, oil suction tube, A77979 Kit - gasket, oil pan
6	J915703	1	PAN, ENGINE OIL,
7	J920400	36	BOLT, hex flange cap, section, 8 - 1.25 x 25 mm
8	J924148	1	PLUG, hex magnetic, special, 22 mm - 1.5
9	J902425	1	WASHER, seaking plug, A77979 Kit - gasket, oil pan
10	J924147	1	PLUG, hex magnetic, special, 18 mm - 1.5
11	J920773	1	WASHER, SEALING, WASHER sealing, A77979 Kit - gasket, oil pan
12	NSS A77490	1	NOT SERVICED SEPARATELY, GASKET oil pan, A77979 Kit - gasket, oil pan KIT, heater, engine oil, also order REF. 15, J902425 washer
13	196466A1	1	CABLE, ELECTRIC, engine block heater
14	NSS	1	NOT SERVICED SEPARATELY, ELEMENT heater, 120 volt
15	J902425	1	WASHER, sealing plug
13	J905114	1	CABLE, ELECTRIC, engine block heater, 6 foot, 240 volt
14	J285916	1	HEATER, ELEMENT, 240 VOLT
15	J902425	1	WASHER, sealing plug, 240 volt



## 03-026 ENGINE - CYLINDER HEAD COVERS &amp; GASKET, THERMOSTAT, HOUSING AND ALTERNATOR MOUNTING

сылка	Номер детали	Кол-во	Описание
1	REF	1	INSTRUCTION, HEAD ASSEMBLY cylinder, covers and gasket, see page 03-028 for parts
2	J283335	1	GASKET, head, standard, cylinder covers
2	J283337	1	GASKET, head, 1 notch, 0.25 mm thicker, cylinder covers
2	J283339	1	GASKET, head, 2 notches, 0.50 mm thicker, cylinder covers
3	J928404	6	COVER, rocker arm, cylinder head and gasket
4	J930906	6	GASKET, SEAL rocker arm cover, cylinder head
5	J935449	6	ISOLATOR, noise, cylinder head covers and gasket
6	J907049	6	BOLT, hex flange, special, 8 - 1.25 x 21.25 mm, cylinder head covers and gasket
6A	495-11041	6	WASHER, 3/8", SAE, flat, 13/32 x 13/16 x 1/16 inch, not shown, cylinder head covers and gasket
10	J908118	1	BRACKET, lifting rear, cylinder head covers and gasket
11	844-12030	2	BOLT, Hex Flg, M12 x 30, 8.8, BOLT heavy hex flange, 12 - 1.75 x 30 mm, class 10.9, cylinder head covers and gasket
12	J903757	1	BRACKET, lifting front, thermostat, housing and alternator mounting
13	J285102	1	HOUSING, thermostat, and alternator mounting
	A77736	1	PACKAGE, KIT coolant thermostat, housing and alternator mounting
14	J923331	1	GASKET, thermostat, housing and alternator mounting
15	NSS	1	NOT SERVICED SEPARATELY, THERMOSTAT coolant, housing and alternator mounting
16	845-8070	2	BOLT, Hex Flg, M8 x 70, 8.8, BOLT heavy hex flange, 8 - 1.25 x 70 mm, thermostat, housing and alternator mounting
17	845-8035	1	BOLT, Hex Flg, M8 x 35, 8.8, BOLT heavy hex flange, 8 - 1.25 x 35 mm, thermostat, housing and alternator mounting
18	J287096	1	SUPPORT, thermostat, housing and alternator mounting
18A	838-5310	2	PIN, LOCK, M3 x 10, Slotted, not shown, thermostat, housing and alternator mounting
19	844-8025	3	BOLT, Hex Flg, M8 x 25, 8.8, Thermostat, Housing and Alternator Mounting



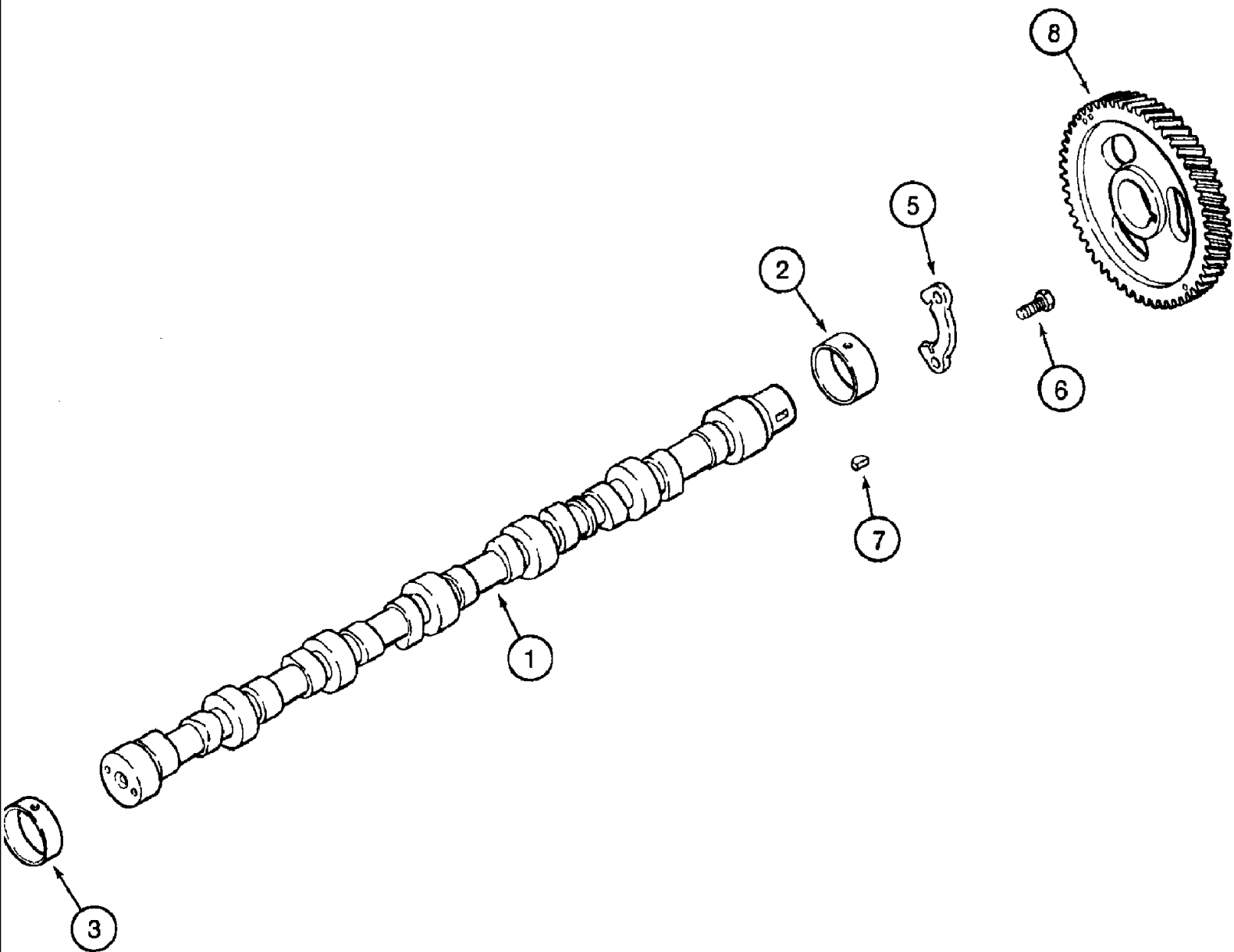
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## 03-028 ENGINE - CYLINDER HEAD &amp; VALVE MECHANISM

сылка	Номер детали	Кол-во	Описание
	JR938656	1	CYLINDER HEAD, ASSEMBLY with valves, remanufactured, North America only, component parts shown on this page do not apply to the remanufactured assembly
	JC938656	1	CYLINDER HEAD, RETURN NUMBER use this part number to return head core for credit when using a remanufactured assembly
	J938656	1	CYLINDER HEAD, ASSEMBLY with valves
1	NSS	1	NOT SERVICED SEPARATELY, HEAD ASSEMBLY cylinder , without valves
2	A77782	5	PLUG, expansion, 58 mm OD
3	217-438	5	PLUG, Hex Soc, 1/2"-14, One Removed To Install Temperature Sending Unit
4	86643151	2	PLUG, Hex Hd, 1/8"-27 NPTF, hex, 1/8 inch PT
5	263136	1	PLUG, MAGNETIC, Hex Soc, 3/4"-14 NPTF,
6	J900250	24	SCREW, KEEPER valve
7	J935038	12	RETAINER, valve spring
8	J932453	12	SPRING, valve
9	J921640	12	SEAL, valve
10	J920867	6	VALVE, intake
11	J920868	6	VALVE, exhaust
11A	J910412	12	PAD, WEAR, service repair only for valve stem tip
12	J904408	6	GUIDE, valve, intake, service repair only, 14 mm OD, These parts are semi-finished valve guides.
13	J904409	6	GUIDE, valve, exhaust, service repair only, 14 mm OD, These parts are semi-finished valve guides.
14	J906206	12	GUIDE, valve, intake and exhaust, service repair only, 11 mm OD, These parts are semi-finished valve guides.
15	J906854	6	SEAT, VALVE, insert, intake, service repair only
16	J904105	6	SEAT, VALVE, insert, exhaust, service repair only
17	J920779	6	BOLT, SPECIAL, BOLT cylinder head, 70 mm long
17	J920780	14	BOLT, SPECIAL, BOLT cylinder head, 120 mm long
18	J931623	12	TAPPET, valve, push rod
19	J284377	12	ROD, PUSH, rocker arm
20	J922488	6	SUPPORT, SHAFT ASSEMBLY rocker arm
22	J901221	6	BOLT, hex, 8 - 1.25 x 75 mm
23	J920781	6	BOLT, SPECIAL, BOLT rocker arm and cylinder head, 180 mm long
24	J910811	6	ROCKER, ARM ASSEMBLY intake
25	NSS	1	NOT SERVICED SEPARATELY, INSERT rocker arm
26	J937438	1	SET SCREW, Hex Skt, 3/8"-24 x 33mm, Adj, Ball Point, special
27	A77902	1	NUT, hex, 3/8 inch NF
28	J910810	6	ROCKER, ARM ASSEMBLY exhaust
29	NSS	1	NOT SERVICED SEPARATELY, INSERT rocker arm
30	J937438	1	SET SCREW, Hex Skt, 3/8"-24 x 33mm, Adj, Ball Point, SCREW special
31	A77902	1	NUT, hex, 3/8 inch NF
32	J900242	12	RING, retaining, rocker arm
33	J900245	12	WASHER, thrust, rocker arm

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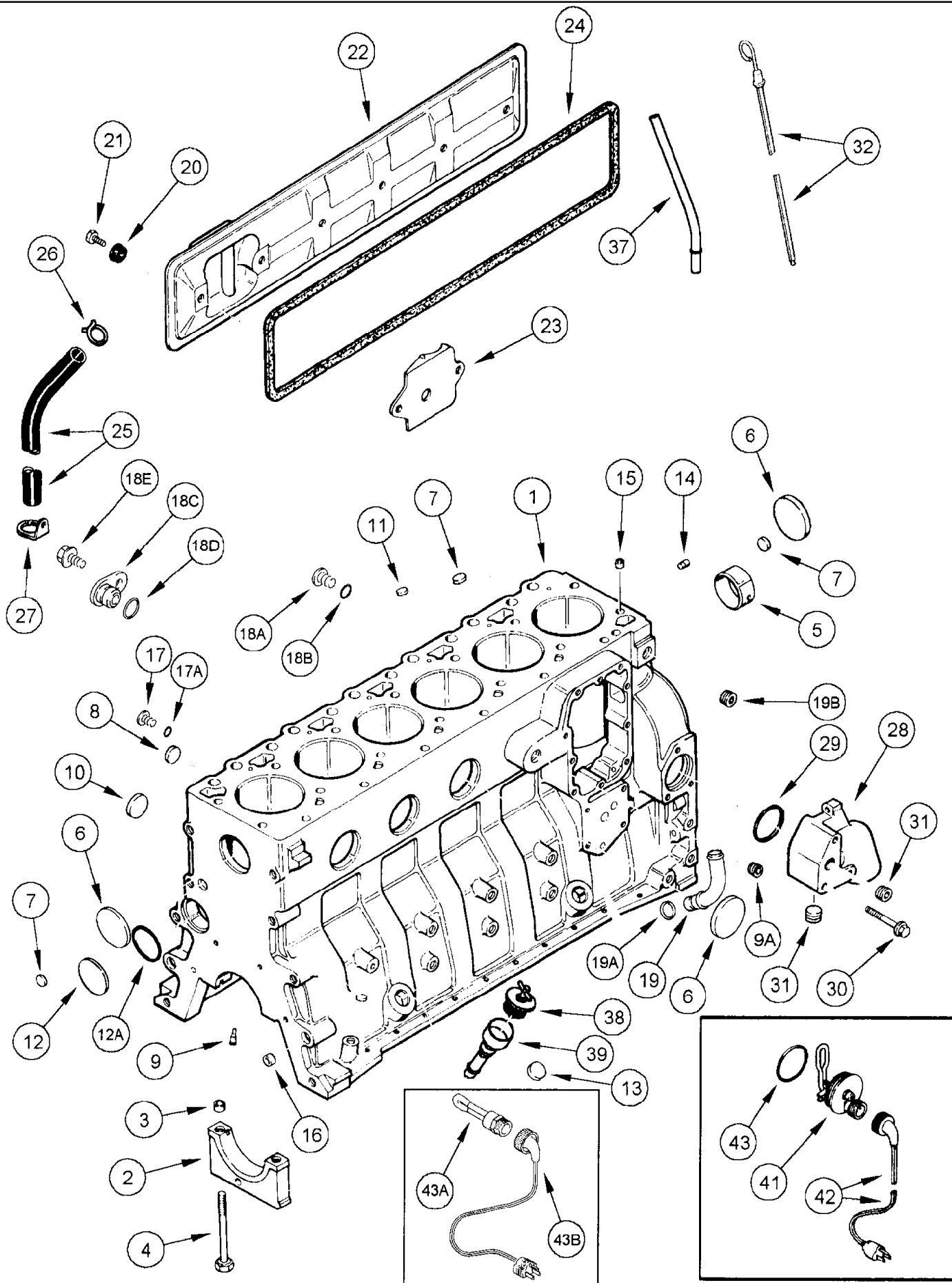


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## 03-030 ENGINE - CAMSHAFT

сылка	Номер детали	Кол-во	Описание
1	J929886	1	CAMSHAFT, engine
2	J940059	1	BUSHING, camshaft, front
3	J903242	6	BEARING, camshaft, intermediate and rear, service repair only, When the intermediate and the rear cylinder block camshaft bores are reamed in engine repair, order and install Ref. 3, J903242 bushings.
5	J927155	1	SUPPORT, thrust, camshaft
6	J900227	2	SCREW, Hex, M8 x 1.25 x 22,
7	836-4065	1	WOODRUFF KEY, M4 x 6.5 x 15.72, Camshaft gear
8	J929028	1	PINION, GEAR camshaft



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Part available only through Case's Global After Sales Organization. Note: Basic engines and reman engines are generic engines. The engines are complete internally; however, externally all parts are not supplied with the engines. Check the configuration of the engine being removed, with the configuration of the engine being installed. For any external components not supplied with the engine being installed, reuse those parts from the engine that has just been removed. Do not return the old engine, until the unit is reassembled.

## 03-032 ENGINE - CYLINDER BLOCK

сылка	Номер детали	Кол-во	Описание
	321943A4	1	ENGINE ASSY, complete, 6TA-590, includes all parts except starter, alternator, fan, air cleaner, muffler and exhaust pipe, for service order basic engine assembly below
	335865A1	1	ENGINE, BASIC, See Note; service, incl. all parts except starter, alternator, fan, fan belt, air cleaner, muffler and exhaust manifold, flywheel and housing, oil fill and dipstick, fuel injection pump, injectors and lines, front pulley, belt tensioner, turbocharger an
	335865A1R	1	ENGINE (EXCHANGE), ASSEMBLY remanufactured, North America only, component parts shown on this page do not apply to the remanufactured assembly
	6-590-LBC	1	CORE-ENGINE, RETURN NUMBER use this part number to return basic engine core for credit when using a remanufactured assembly
	J933643	1	ENGINE, SKELETON, BLOCK ASSEMBLY short, new, includes stripped block, pistons, connecting rods and bearings, crankshaft and bearings, Order J933220 Hardware Kit
	JR933643	1	ENGINE (EXCHANGE), BLOCK ASSEMBLY short, remanufactured, North America only
	6-590-SHBC	1	CORE, RETURN NUMBER use this part number to return short block core for credit when using a remanufactured assembly
1	J935936	1	CYLINDER BLOCK, ASSEMBLY stripped, engine, also order J933220 block hardware kit, Order J933220 Hardware Kit
2	J936791	7	CARRIER, BEARING, CAP ASSEMBLY main
3	J900068	14	SPACER, RING dowel, 18 mm OD
4	J927948	14	SCREW, Hex Flg Hd, M12 x 1.5 x 119, BOLT hex flange, main bearing cap, special
5	REF	1	INSTRUCTION, BUSHING camshaft, front, see Figure 03-031
6	A77782	5	PLUG, expansion, 58 mm OD
7	J900956	3	PLUG, expansion, 18 mm OD
8	41-1616	4	PLUG, Cup, 1", Stainless,
	J933220	1	PACKAGE,SERVICE, KIT block hardware
9	J937214	6	NOZZLE CAP, piston cooling
9A	217-445	1	PLUG, Hex Soc, 1 1/4"-11 1/2 NPTF, hex socket, 3/4 inch PT
10	J900958	1	PLUG, expansion, 32 mm OD
11	J900955	3	PLUG, expansion, 10 mm OD
12	41-3038	1	PLUG, Exp, 2 3/8", expansion, 2-3/8 inch OD
12A	J926047	1	GASKET, O-RING sealing, 57 mm ID
13	J920706	3	PLUG, expansion, 22 mm OD
14	J900257	2	PIN, dowel, 16 mm long
15	J902343	2	DOWEL, RING, 16 mm OD
16	J900068	2	SPACER, RING dowel, 18 mm OD
17	J678923	3	PLUG, hex socket, 10 mm
17A	637-72081	1	O-RING, CI 7, 8.1MM ID x 1.6 Thk, 8.1 ID x 1.6 mm wide
18	217-438	1	PLUG, Hex Soc, 1/2"-14, (Not Shown)
18A	J678921	1	PLUG, hex socket, 14 mm
18B	J678912	1	O-RING, sealing
18C	J932296	1	PLUG, timing sensor hole
18D	J330478	1	O-RING, sealing
18E	844-8016	1	BOLT, Hex Flg, M8 x 16, 8.8,
19	J931973	1	TUBE, turbocharger oil drain
19A	238-7018	1	O-RING, -018, CI 7, .739" ID x .070" Thk,
19B	217-466	1	PLUG, DRAIN, Sq Soc, 1/2"-14, NTPF,

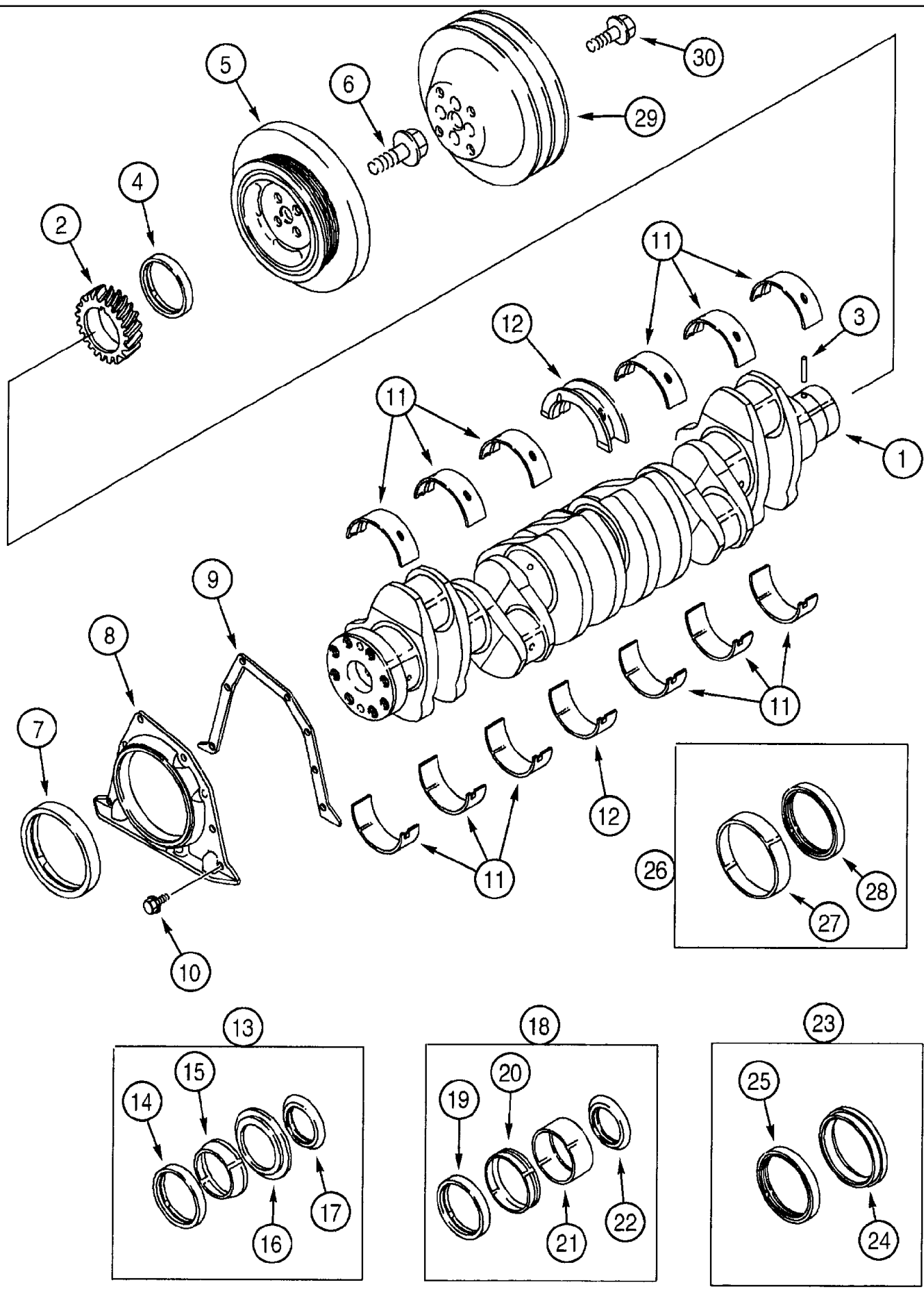
Part available only through Case's Global After Sales Organization. Note: Basic engines and reman engines are generic engines. The engines are complete internally; however, externally all parts are not supplied with the engines. Check the configuration of the engine being removed, with the configuration of the engine being installed. For any external components not supplied with the engine being installed, reuse those parts from the engine that has just been removed. Do not return the old engine, until the unit is reassembled.

## SPX3185 PATRIOT SPRAYER (10/02- )

## 03-032 ENGINE - CYLINDER BLOCK

сылка	Номер детали	Кол-во	Описание
20	J928759	6	SEAL, cover bolt
21	844-8016	6	BOLT, Hex Flg, M8 x 16, 8.8,
22	J927913	1	COVER, tappet
23	J907586	1	BAFFLE, tappet cover
24	J284623	1	GASKET, tappet cover
25	J918614	1	HOSE, LARGE, 635 mm (25 inch) long
26	J904230	1	CLAMP, spring, hose
27	J928989	1	CLIP, retaining
28	J934878	1	MANIFOLD, water inlet
29	J906697	1	SEAL, O-RING, 50 mm ID
30	854-10075	3	BOLT, Hex Flg, M10 x 75, 10.9, BOLT heavy hex flange, 10 - 1.5 x 75 mm, class 10.9
31	217-438	2	PLUG, Hex Soc, 1/2"-14,
32	J938059	1	DIPSTICK, engine oil
37	J935617	1	TUBE, dipstick
38	A77424	1	PLUG, CAP oil fill tube
39	J935619	1	TUBE, oil filler
	196803A1	1	KIT, engine block heater, 120 volt
41	NSS	1	NOT SERVICED SEPARATELY, ELEMENT engine block heater, 120 volt
42	196466A1	1	CABLE, ELECTRIC, engine block heater, 120 volt
43	J910517	1	O-RING, heater sealing, engine block, 120 volt
	124340A1	1	KIT, engine block heater, 240 volt
41	NSS	1	NOT SERVICED SEPARATELY, ELEMENT engine block heater, 240 volt
42	J905114	1	CABLE, ELECTRIC, engine block heater, 6 foot, 240 volt
43	J910517	1	O-RING, heater sealing, engine block, 240 volt
	309651A1	1	KIT, engine block heater, 120 volt
43A	NSS	1	NOT SERVICED SEPARATELY, ELEMENT engine block heater, 120 volt, Install item 43A element in place of Ref. 9A, A77505 plug.
43B	196466A1	1	CABLE, ELECTRIC, engine block heater, 120 volt
	309652A1	1	KIT, engine block heater, 240 volt
43A	NSS	1	NOT SERVICED SEPARATELY, ELEMENT engine block heater, 240 voly, Install item 43A element in place of Ref. 9A, A77505 plug.
43B	J905114	1	CABLE, ELECTRIC, engine block heater, 6 foot, 240 volt
	A77924	1	KIT, engine overhaul, not shown
44	J802757	6	KIT, piston, standard, see Figure 03-047
45	A77465	6	BEARING, CON. ROD, KIT upper and lower set, standard, see Figure 03-047
46	A77405	6	BEARING, CRANKSHAFT, main, upper and lower set, standard, see Figure 03-041
47	A77896	1	BEARING, THRUST, main, upper and lower set, standard, see Figure 03-041
48	A77925	1	KIT, GASKET, valve grind, see Figure 03-049
49	J283335	1	GASKET, head, standard, see Figure 03-027
50	A77979	1	KIT, GASKET, oil pan, see Figure 03-025
51	J934047	6	PIN, piston, see Figure 03-047

Part available only through Case's Global After Sales Organization. Note: Basic engines and reman engines are generic engines. The engines are complete internally; however, externally all parts are not supplied with the engines. Check the configuration of the engine being removed, with the configuration of the engine being installed. For any external components not supplied with the engine being installed, reuse those parts from the engine that has just been removed. Do not return the old engine, until the unit is reassembled.

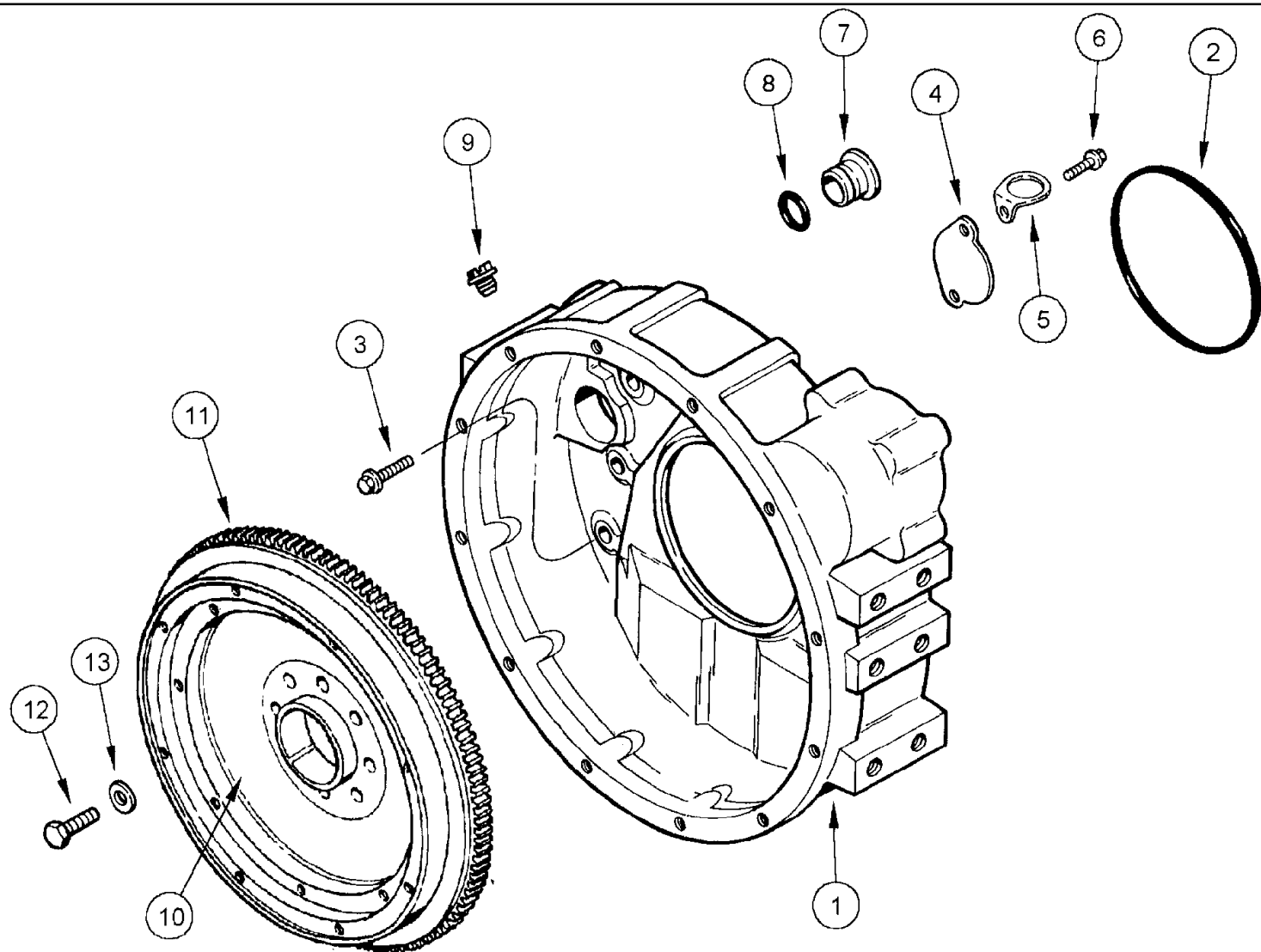


BS99G150

## 03-040 ENGINE - CRANKSHAFT

сылка	Номер детали	Кол-во	Описание
	JR908032	1	REMAN-CRANKSHAFT, ASSEMBLY engine, remanufactured, North America only
	JC908032		CORE-CRANKSHAFT, RETURN NUMBER use this part number to return crankshaft core for credit when using a remanufactured assembly
1	J908032	1	CRANKSHAFT, ASSEMBLY engine
2	J929027	1	PINION, GEAR crankshaft
3	J904483	1	PIN, dowel
4	NSS	1	NOT SERVICED SEPARATELY, SEAL oil, front, order REF. 13, A77889 front oil seal kit
5	J918999	1	DAMPER, PULLEY crankshaft vibration damper
6	J903857	4	BOLT, hex flange, special, 12 - 1.25 x 36 mm
7	NSS	1	NOT SERVICED SEPARATELY, SEAL oil, rear, order REF. 23, J934486 rear oil seal kit
8	J936904	1	COVER, REAR, RETAINER seal
9	845-6015	6	BOLT, Hex Flg, M6 x 15, 8.8, Full Thd, BOLT heavy hex flange, 6 - 1.0 x 15 mm
10	J938159	1	GASKET, rear cover retainer
11	A77405	6	BEARING, CRANKSHAFT, main, upper and lower set, standard
11	A77472	6	BEARING, CRANKSHAFT, main, upper and lower set, 0.25 mm undersize
11	A77474	6	BEARING, CRANKSHAFT, main, upper and lower set, 0.50 mm undersize
11	A77476	6	BEARING, CRANKSHAFT, main, upper and lower set, 0.75 mm undersize
11	A77478	6	BEARING, CRANKSHAFT, main, upper and lower set, 1.00 mm undersize
12	A77896	1	BEARING, THRUST, main, upper and lower set, standard
12	A77473	1	BEARING, main, upper and lower set, 0.25 mm undersize
12	A77475	1	BEARING, main, upper and lower set, 0.50 mm undersize
12	A77477	1	BEARING, THRUST, main, upper and lower set, 0.75 mm undersize
12	A77479	1	BEARING, THRUST, main, upper and lower set, 1.00 mm undersize
12	A77841	1	BEARING, THRUST, main, upper and lower set, 0.50 mm undersize, 0.50 mm overize
12	A77840	1	BEARING, THRUST, main, upper and lower set, 1.00 mm undersize, 1.00 mm overize
13	A77889	1	PACKAGE, SEALS, KIT oil, crankshaft front
14	NSS	1	NOT SERVICED SEPARATELY, SEAL oil, front
15	NSS	1	NOT SERVICED SEPARATELY, TOOL installation
16	NSS	1	NOT SERVICED SEPARATELY, TOOL installation
17	NSS	1	NOT SERVICED SEPARATELY, SHIELD dust
18	A77890	1	PACKAGE, SEALS, KIT oil, crankshaft front, includes wear sleeve
19	NSS	1	NOT SERVICED SEPARATELY, SEAL oil, front
20	NSS	1	NOT SERVICED SEPARATELY, SLEEVE wear
21	NSS	1	NOT SERVICED SEPARATELY, TOOL installation
22	NSS	1	NOT SERVICED SEPARATELY, SHIELD dust
23	J934486	1	KIT, SERVICE, KIT oil, crankshaft rear
24	NSS	1	NOT SERVICED SEPARATELY, TOOL installation
25	NSS	1	NOT SERVICED SEPARATELY, SEAL oil, rear
26	A77810	1	KIT, SERVICE, KIT oil, crankshaft rear, includes wear sleeve
27	NSS	1	NOT SERVICED SEPARATELY, SLEEVE wear
28	NSS	1	NOT SERVICED SEPARATELY, SEAL oil, rear
29	J919624	1	PULLEY, accessory drive, if used
30	854-12050	4	BOLT, Hex Flg, M12 x 50, 10.9, If used

Part available only through Case's Global After Sales Organization.



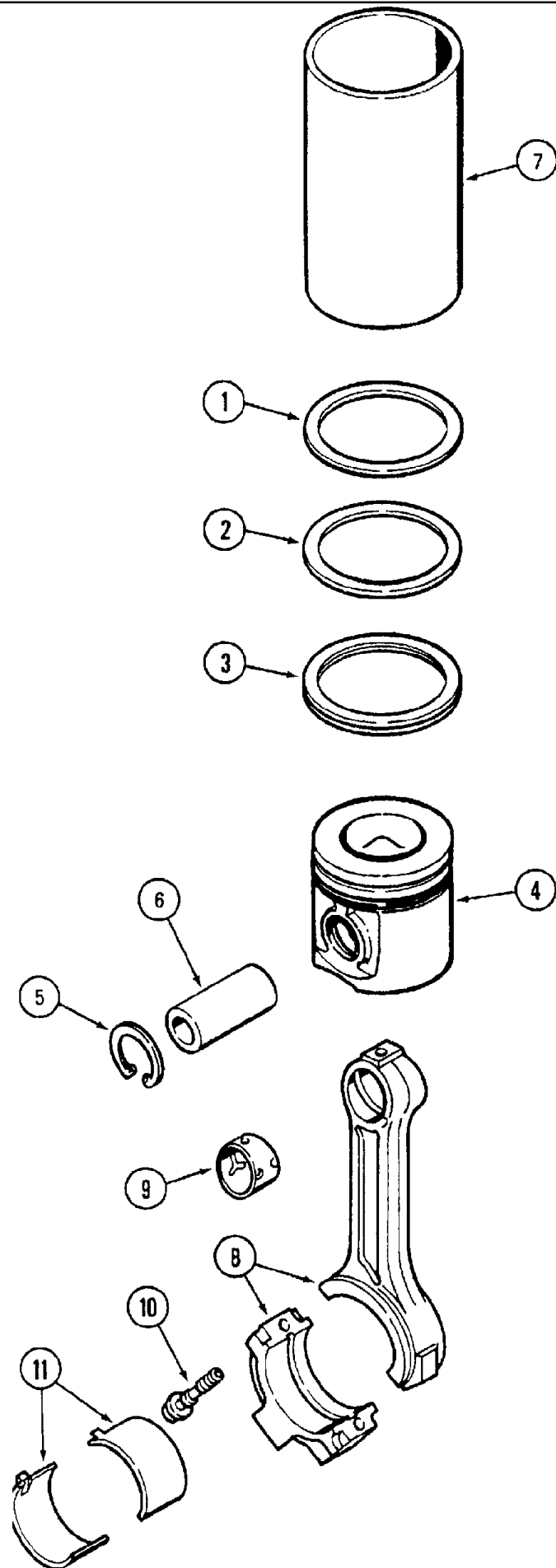
RH02C085

## 03-044 ENGINE - FLYWHEEL AND HOUSING

сылка	Номер детали	Кол-во	Описание
1	J937426	1	HOUSING, flywheel
2	J912473	1	O-RING, flywheel housing to block
3	854-12040	8	BOLT, Hex Flg, M12 x 40, 10.9, BOLT heavy hex flange, 12 - 1.75 x 40 mm, class 10.9
4	J925234	1	PLATE, cover
5	J928989	1	CLIP, retaining
6	J912072	2	SCREW, SELF TAP, SCREW self tapping, hex washer head, special, 8 - 1.25 x 15 mm
7	J910248	1	PLUG, flywheel housing
8	238-5212	1	O-RING, -212, 70 Duro, .859" ID x .139" Thk,
9	353-225	1	PLUG, Sltd Hd, 3/4"-16, slotted hex, 3/4 inch NF
10	J936822	1	FLYWHEEL WITH GEAR, ASSEMBLY engine
11	J905427	1	GEAR, ring, flywheel
12	J901395	8	SCREW, Hex, M12 x 1.25 x 32, Spc, BOLT hex, special, 12 -1.25 x 32 mm
13	J900269	8	WASHER, flat, special

Part available only through Case's Global After Sales Organization.

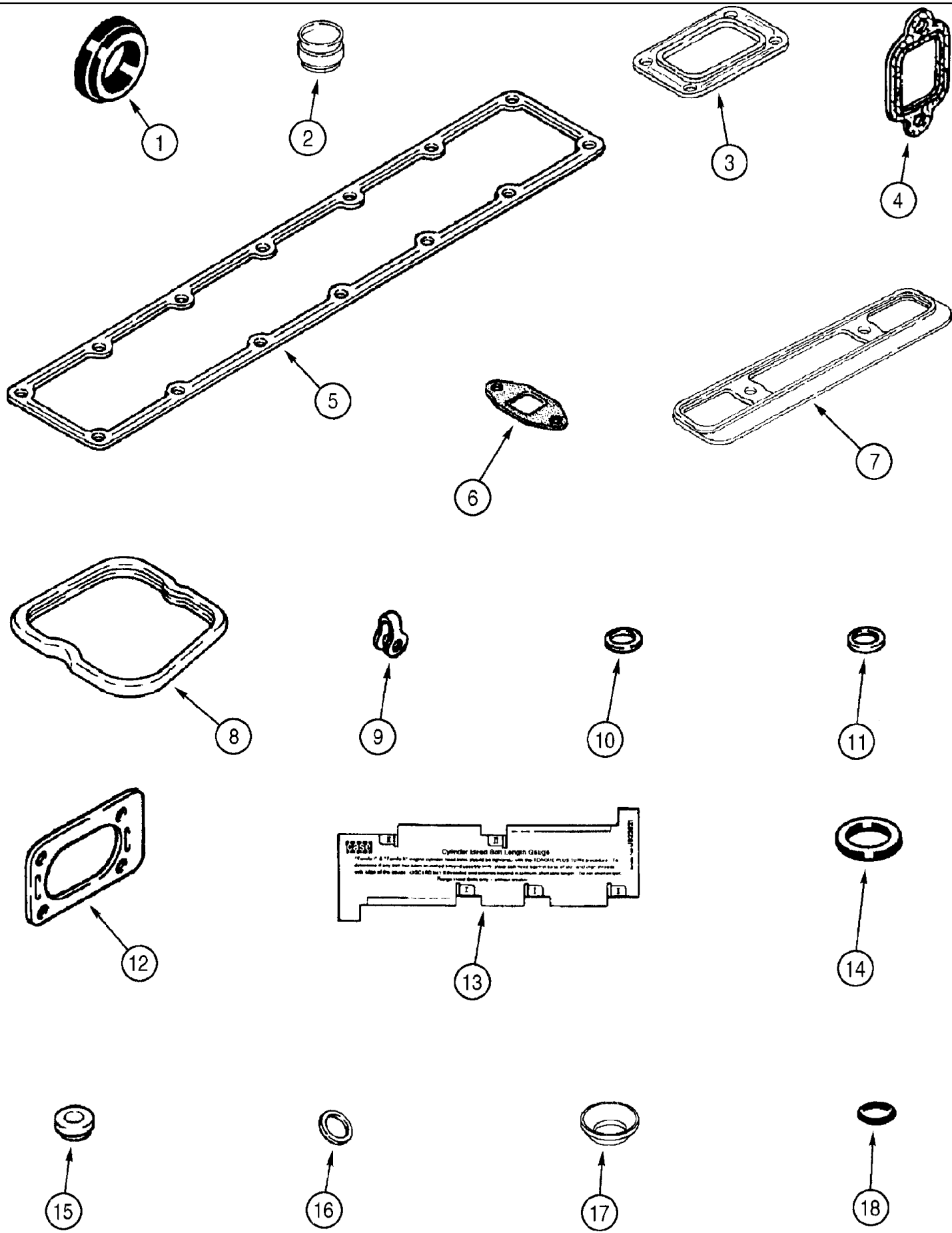




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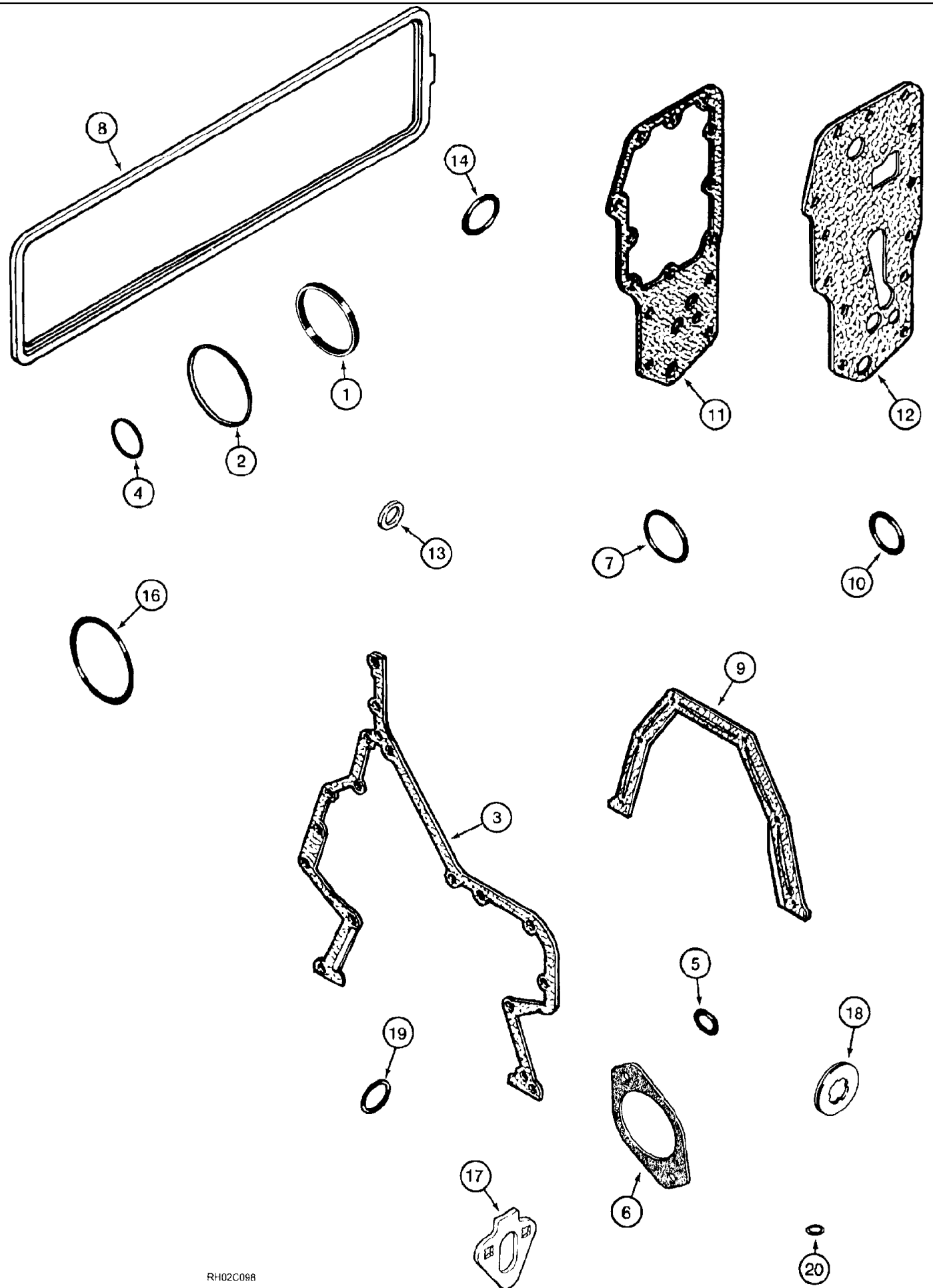
## 03-046 ENGINE - PISTON &amp; CONNECTING ROD

сылка	Номер детали	Кол-во	Описание
	J802757	6	KIT, piston, standard
	J802750	1	RING SET, PISTON, standard
1	NSS	1	NOT SERVICED SEPARATELY, RING compression, top
2	NSS	1	NOT SERVICED SEPARATELY, RING compression, middle
3	NSS	1	NOT SERVICED SEPARATELY, RING oil, bottom
4	NSS	1	NOT SERVICED SEPARATELY, PISTON cylinder, standard
5	J920691	2	RING, SPECIAL, snap
	J802758	6	KIT, piston, 0.5 mm oversize
	J802863	1	RING SET, PISTON, KIT, 0.5 mm oversize
1	NSS	1	NOT SERVICED SEPARATELY, RING compression, top
2	NSS	1	NOT SERVICED SEPARATELY, RING compression, middle
3	NSS	1	NOT SERVICED SEPARATELY, RING oil, bottom
4	NSS	1	NOT SERVICED SEPARATELY, PISTON cylinder, 0.5 mm oversize
5	J920691	2	RING, SPECIAL, snap
	J802759	6	KIT, piston, 1.00 mm oversize
	J802864	1	RING SET, PISTON, KIT, 1.00 mm oversize
1	NSS	1	NOT SERVICED SEPARATELY, RING compression, top
2	NSS	1	NOT SERVICED SEPARATELY, RING compression, middle
3	NSS	1	NOT SERVICED SEPARATELY, RING oil, bottom
4	NSS	1	NOT SERVICED SEPARATELY, PISTON cylinder, 1.00 mm oversize
5	J920691	2	RING, SPECIAL, snap
6	J934047	6	PIN, piston
7	J904166	UAR	SLEEVE, LINER piston used only in engine block repair when liner is installed use J802757 piston kit
	JR942581	6	REMAN-ROD CONNECTING, ASSEMBLY connecting remanufactured North America only, component parts shown on this page do not apply to the remanufactured assembly
	JC901569	1	CORE-ROD CONNECTING, RETURN NUMBER use this part number to return connecting rod for credit when using a remanufactured assembly
	J942581	6	ROD, CONNECTING, ASSEMBLY new
8	NSS	1	NOT SERVICED SEPARATELY, ROD connecting, includes both halves
9	J941476	1	BUSHING, LARGE, connecting rod
10	J900919	2	SCREW, BOLT hex, special
11	A77465	6	BEARING, CON. ROD, KIT upper and lower set, standard
11	A77466	6	BEARING, CON. ROD, KIT upper and lower set, 0.25 mm oversize
11	A77467	6	BEARING, CON. ROD, KIT upper and lower set, 0.50 mm oversize
11	A77468	6	BEARING, CON. ROD, KIT upper and lower set, 0.75 mm oversize
11	A77469	6	BEARING, CON. ROD, KIT upper and lower set, 1.00 mm oversize



BS99E004

сылка	Номер детали	Кол-во	Описание
	A77925	1	KIT, GASKET, valve grind, When the valve grind gasket kit is ordered, also order the required cylinder head gasket, Ref. 2, see page 03-026.
1	J923331	1	GASKET, thermostat housing
2	J921640	12	SEAL, valve, intake and exhaust valves
3	J919369	1	GASKET, turbocharger to manifold
4	J927154	6	GASKET, exhaust manifold
5	J938152	1	GASKET, mounting, intake manifold cover
6	J937706	1	GASKET, turbo oil drain tube
7	J930426	1	GASKET, air crossover connection, not used in this application
8	J930906	6	GASKET, SEAL rocker arm cover
9	J903380	6	SEAL, connector, fuel return manifold tube
10	J937142	6	SEAL, injector nozzle, 7 mm injector tip
11	J909356	6	SEAL, O-RING sealing, body to nut, fuel injector
12	J914856	1	GASKET, air crossover connection, at aftercooler
13	J823921	1	GAUGE, cylinder head, bolt length
14	J936876	1	SEAL, OIL, fill cap, at valve cover
15	J935449	6	ISOLATOR, noise, at valve cover
16	J900808	6	SEAL, injector nozzle, 9 mm injector tip, if used
17	222-993	2	GASKET, 3/8 Tube, FI, Copper, Turbocharger Oil Supply Hose
18	J910824	6	O-RING, cover bolt, at valve cover, if used



RH02C098

## 03-050 ENGINE - GASKET KIT, CYLINDER BLOCK

сылка	Номер детали	Кол-во	Описание
	A77964	1	PACKAGE, SEALS, KIT gasket, cylinder block, For complete engine overhaul, order (1) cylinder block kit; (1) valve grind kit, Page 03-048; (1) oil pan kit, Page 03-024; and the required cylinder head gasket, Ref. 2, Page 03-026.
1	J903475	1	SEAL, front access cover
2	J935032	1	SEAL, GASKET
3	J938156	1	GASKET, gear housing
4	J915772	1	SEALRING, RING quad, timing pin housing
5	J913994	1	O-RING, sealing
6	J938655	1	GASKET, cover
7	238-5341	1	O-RING, -341, 70 Duro, 3.475" ID x .210" Thk, Water pump to block
8	J284623	1	GASKET, tappet cover
9	J938159	1	GASKET, rear cover container, crankshaft
10	J906697	1	SEAL, O-RING sealing, 50 mm ID, water inlet connection
11	J942914	1	GASKET, oil cooler core
12	J942915	1	GASKET, filter head
13	J902425	1	WASHER, sealing, plug, oil pan
14	J906696	1	SEAL, O-RING 38 mm (1-1/2 inch) ID, not used in this application
16	J912473	1	O-RING, flywheel housing to block
17	J939258	1	GASKET, mounting
18	J928759	8	SEAL, cover bolt, tappet cover
19	238-5212	1	O-RING, -212, 70 Duro, .859" ID x .139" Thk, Flywheel backing plate plug
20	J929457	1	O-RING, fuel filter head

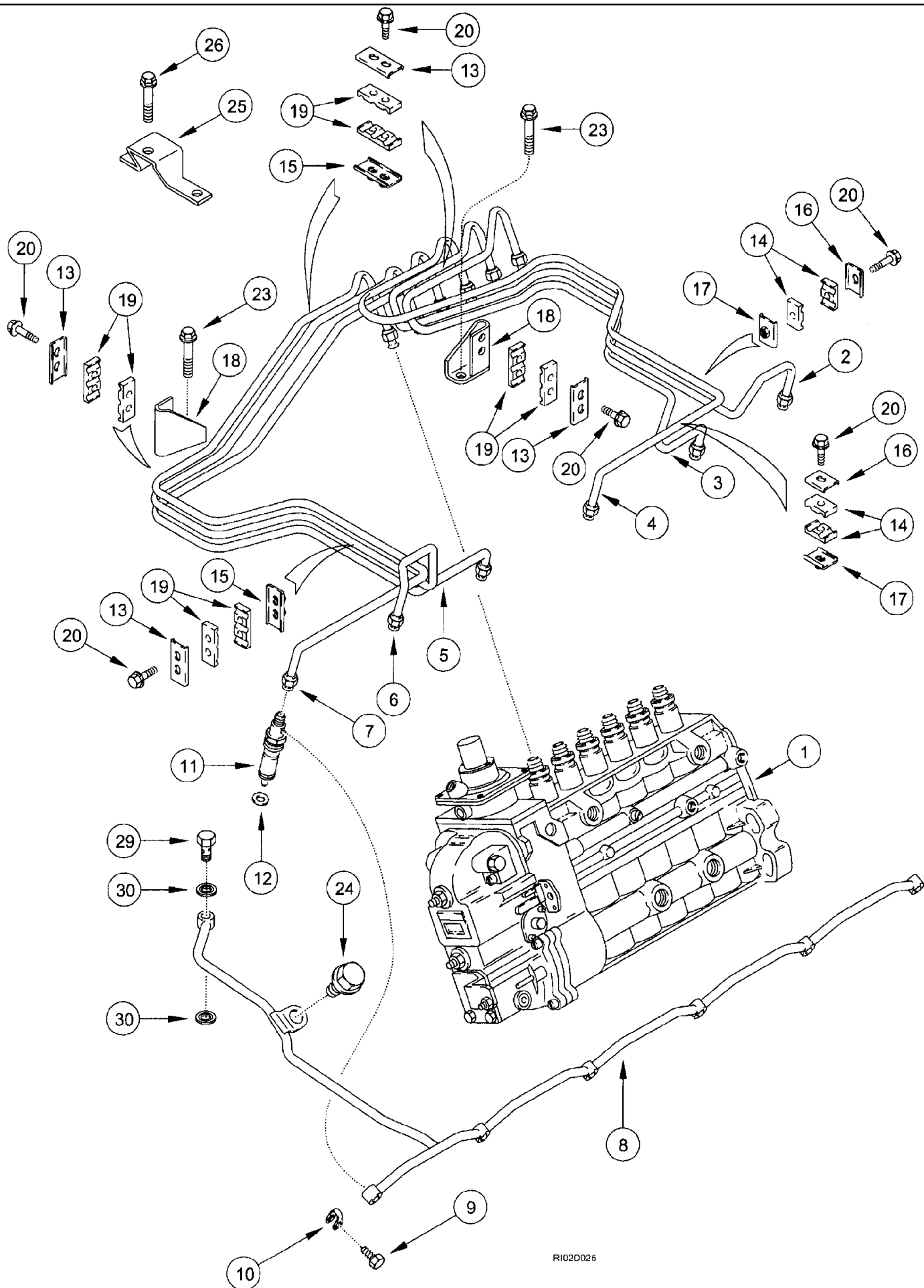
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**AVAILABLE**

сылка	Номер детали	Кол-во	Описание
	A77996	1	KIT, GASKET, basic engine, not illustrated
1	222-993	2	GASKET, 3/8 Tube, FI, Copper,
2	238-5013	2	O-RING, -013, 70 Duro, .426" ID x .070" Thk,
3	637-62081	1	O-RING, CI 6, 8.1MM ID x 1.6 Thk, 8.1 ID x 1.6 mm wide
4	J937706	2	GASKET, turbo oil drain tube
5	J919369	1	GASKET, turbocharger to manifold
6	J902425	1	WASHER, sealing, plug
7	J903380	6	SEAL, connector
8	J903475	1	SEAL, front access cover
9	J937142	6	SEAL, injector nozzle, 7 mm injector tip
10	J906696	2	SEAL, O-RING 38 mm (1-1/2 inch) ID
11	J906697	1	SEAL, O-RING sealing, 50 mm ID
12	J909356	6	SEAL, O-RING sealing, body to nut
13	J910517	1	O-RING, heater sealing, oil pan
14	J912473	1	O-RING, flywheel housing to block
15	J918187	2	RING, PACKING, WASHER sealing
16	J918188	2	WASHER, sealing
17	J918192	2	RING, PACKING, WASHER sealing, special, 14 x 20 x 1 mm
18	J923331	1	GASKET, thermostat housing
19	J924605	1	SEAL, SEAL rectangular ring
20	J927154	6	GASKET, exhaust manifold
21	J938655	1	GASKET, cover
22	J939258	2	GASKET, mounting
23	J938152	1	GASKET, mounting
24	J935032	1	SEAL, GASKET
25	J935171	4	WASHER, SEALING, special, 12 x 19 x 1.5 mm

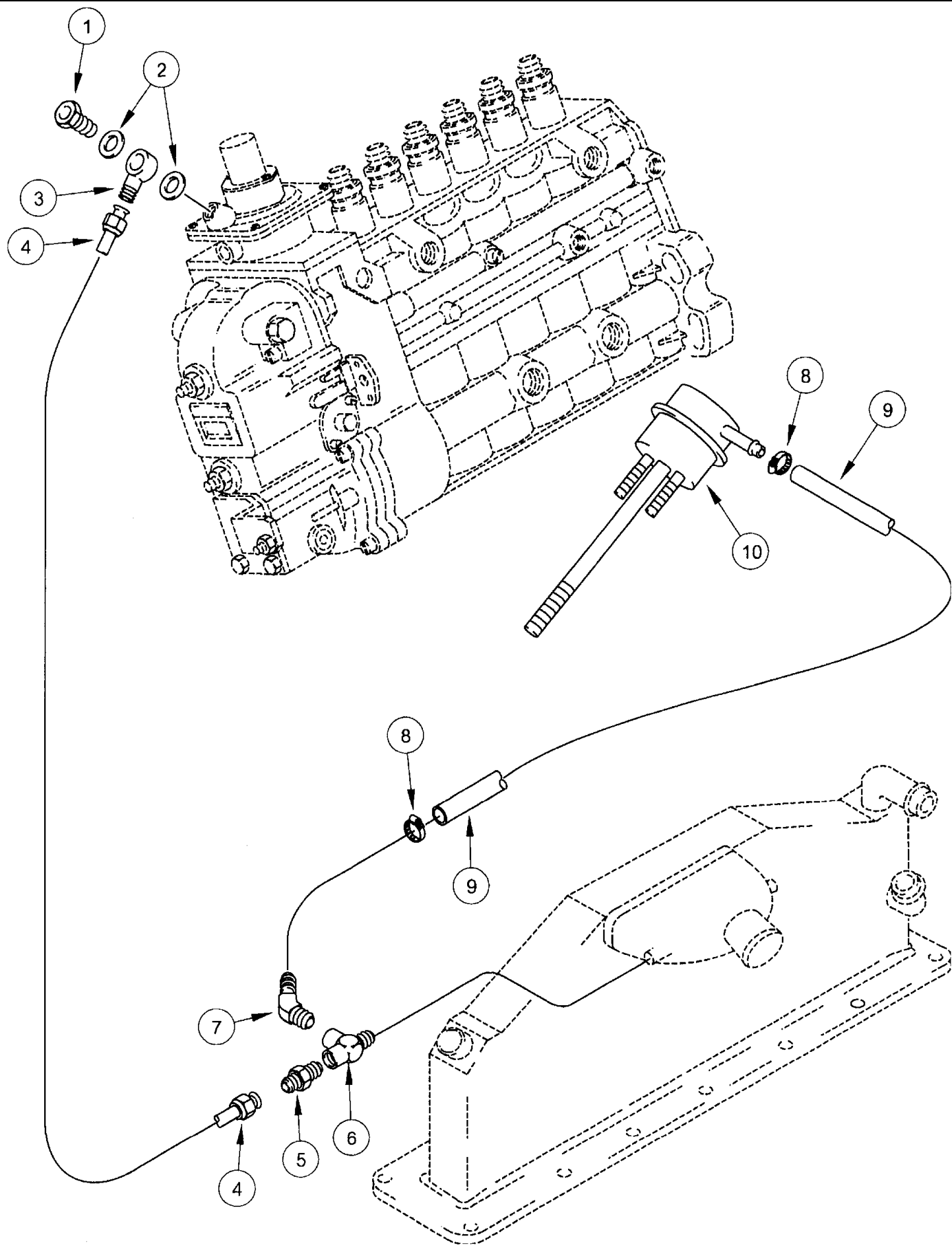




RI02D025

## 03-054 ENGINE - FUEL INJECTION SYSTEM

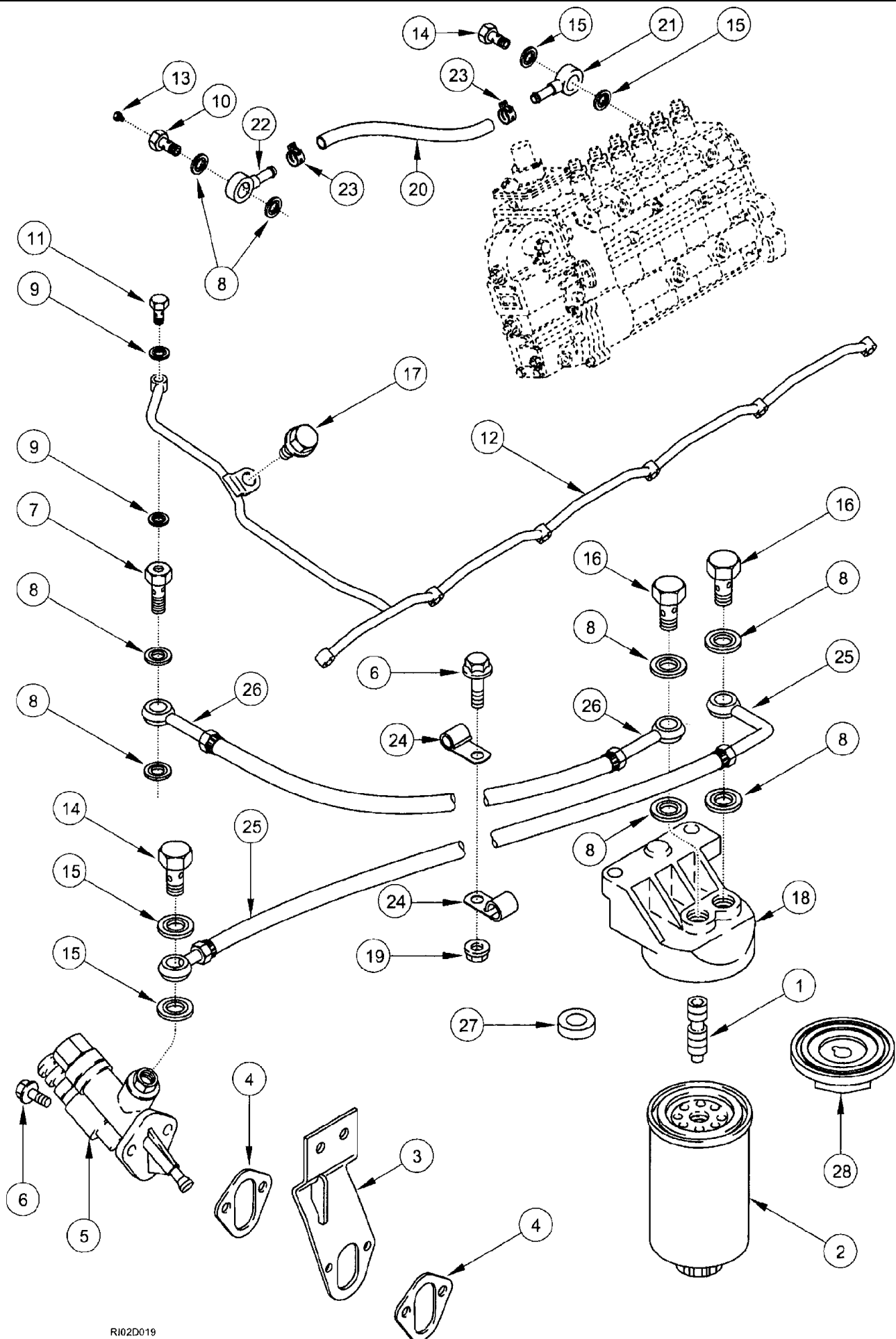
сылка	Номер детали	Кол-во	Описание
1	J935784	1	PUMP, ASSEMBLY fuel injection, with aneroid, see page 03-060 for parts
2	J930739	1	TUBE, fuel injector, no. 1 cylinder
3	J930740	1	TUBE, fuel injector, no. 2 cylinder
4	J930741	1	TUBE, fuel injector, no. 3 cylinder
5	J930742	1	TUBE, fuel injector, no. 4 cylinder
6	J930743	1	TUBE, fuel injector, no. 5 cylinder
7	J930744	1	TUBE, fuel injector, no. 6 cylinder
8	J930847	1	MANIFOLD, TUBE fuel
9	J905307	6	BOLT, BANJO, M6 x 1 x 14.3, BOLT banjo drain, special
10	J903380	6	SEAL, connector
11	J930131	6	INJECTOR ASSY., NOZZLE fuel, see page 03-064 for parts
12	J937142	1	SEAL, injector nozzle, 7 mm injector tip
13	J904519	5	SUPPORT, tube retaining
14	J917746	4	CLAMP, fuel tube
15	J917716	3	BRACE, BRACKET fuel tube
16	J904711	2	CLAMP, BRACKET fuel tube
17	J917717	2	BRACE, BRACKET fuel tube
18	J933301	2	BRACE, tube
19	J917747	12	CLAMP, fuel tube
20	J920854	12	SCREW, Hex Hd, M5 x .8 x 20, w/LW,
22	844-8025	1	BOLT, Hex Flg, M8 x 25, 8.8,
23	J918108	2	SCREW, BOLT hex flange, special
24	J924962	1	BOLT, hex flange, special, 8 - 1.25 x 16 mm
25	J930751	1	BRACE, tube
26	J930837	4	SCREW, BOLT hex flange, special, 8 x 50 mm, not shown
27	492-11031	1	WASHER, LOCK, 5/16", Not shown
28	628-8012	1	BOLT, Hex, M8 x 12, 10.9, Full Thd, BOLT hex, full threads, 8 - 1.25 x 12 mm, class 10.9
29	J924726	1	BOLT, BANJO, check
30	J918188	2	WASHER, sealing



RI02D001

## 03-056 ENGINE - ANEROID &amp; WASTEGATE SYSTEM

сылка	Номер детали	Кол-во	Описание
1	J903035	1	BOLT, BANJO, hex, 12 - 1.5 x 24 mm
2	J935171	2	WASHER, SEALING, special, 12 x 19 x 1.5 mm
3	J990881	1	CONNECTION, CONNECTOR banjo
4	J991516	1	TUBE, AIR INTAKE, fuel control
5	J920803	1	CONNECTOR, ADAPTER compression, special
6	J930789	1	TEE, TEE 1/8-27 str thread x fem str thread x fem str thread
7	217-281	1	FITTING, 45e, 1/4" Hose x 1/8" NPTF, Barbed, ELBOW 45 degree, 1/4 barb end x 1/8 inch PT
8	214-1404	2	CLAMP, HOSE, #4, 0.25/0.62 Type M Worm, adj, 1/4 - 5/8 inch dia.
9	J991038	1	HOSE, 130 mm (5-1/8 inch) long
10	J594348	1	ACTUATOR, turbocharger, see page 03-021 for mounting parts



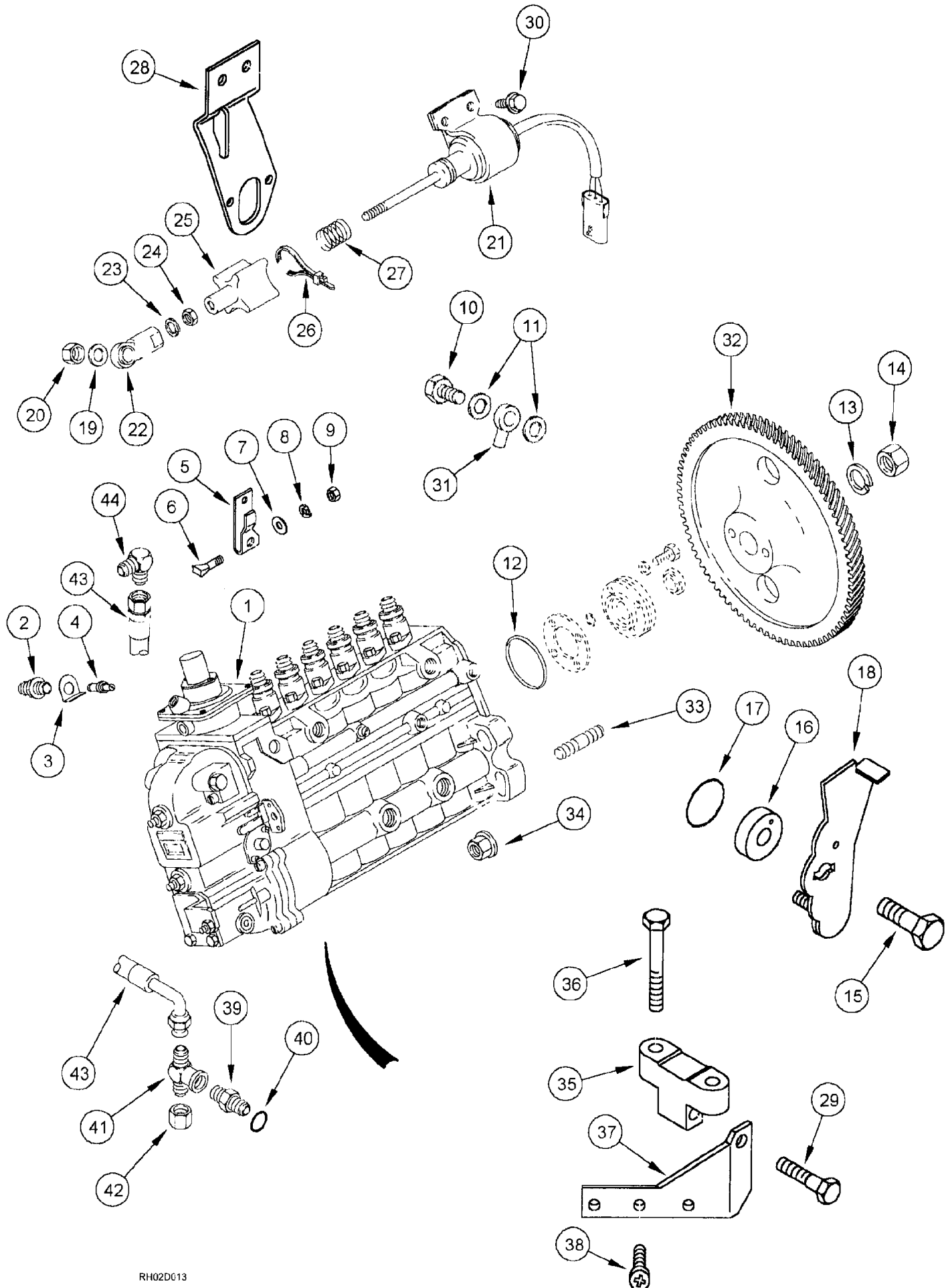
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## SPX3185 PATRIOT SPRAYER (10/02- )

## 03-058 ENGINE - FUEL FILTER &amp; TRANSFER PUMP

сылка	Номер детали	Кол-во	Описание
1	J925955	1	ADAPTER, fuel filter
2	J286503	1	FILTER, FUEL, Single pkg qty. For multi pkg [qty.12] order J286503MP, fuel
3	J935435	1	BRACKET, solenoid
4	J939258	2	GASKET, mounting
5	J936316	1	PUMP, FUEL, lift, fuel
6	845-8025	3	BOLT, Hex Flg, M8 x 25, 8.8,
7	J281476	1	JACK SCREW, BOLT banjo connector
8	J935171	8	WASHER, SEALING, special, 12 x 19 x 1.5 mm
9	J918188	2	WASHER, sealing
10	J911446	1	BOLT, BANJO, M12 x 1.5 x 24,
11	J924726	1	BOLT, BANJO, check
12	J930847	1	MANIFOLD, TUBE fuel
13	J939570	1	SCREW, BLEED, hex, special, vent
14	J924725	2	BOLT, BANJO, connector
15	J918192	4	RING, PACKING, WASHER sealing, special, 14 x 20 x 1 mm
16	J903035	2	BOLT, BANJO, hex, 12 - 1.5 x 24 mm
17	844-8025	1	BOLT, Hex Flg, M8 x 25, 8.8,
18	J930969	1	CAP, HEAD fuel filter
19	825-2408	1	NUT, M8 x 1.25, Flg, CI 8,
20	J283594	1	HOSE (METRES), 8 ID x 350 mm (5/16 ID x 13-3/4 inch)
21	J911447	1	CONNECTOR, banjo, fuel return
22	J934476	1	FITTING, CONNECTOR banjo
23	J923527	2	CLAMP, band
24	515-23317	1	CLAMP, 1 1/4", Insul, 3/8" Bolt, P-type
25	J936885	1	HOSE, flexible, 1279 mm (50-11/32 inch)
26	J936886	1	HOSE, flexible, 1181 mm (46-1/2 inch)
27	J311919	1	SEAL, rectangular ring
28	J935487	1	COVER, filter head

Part available only through Case's Global After Sales Organization.



RH02D013

## 03-060 ENGINE - FUEL INJECTION PUMP &amp; DRIVE

сылка	Номер детали	Кол-во	Описание
	JR935784	1	REMAN-INJECTION PUMP, ASSEMBLY fuel, remanufactured, North America only, component parts on this page do not apply to the remanufactured assembly
	JC935784		CORE-INJECTION PUMP, RETURN NUMBER use this part number to return pump core for credit when using a remanufactured assembly
1	J935784	1	PUMP, ASSEMBLY fuel injection, with aneroid
2	J912888	1	PLUG, timing
3	J928981	1	WASHER, LOCK, timing plug
4	A77720	1	PIN, timing
5	1808728C1	1	LEVER, throttle control
6	1808822C1	1	THUMB SCREW, M6 x 26, BOLT throttle lever
7	895-11006	1	WASHER, M6,
8	892-11006	1	WASHER, LOCK, M6,
9	829-1306	1	NUT, M6, CI 10, hex, 6 mm - 1.0, class 10
10	J932096	1	VALVE, overflow
11	J918192	2	RING, PACKING, WASHER sealing, special, 14 x 20 x 1 mm
12	J924605	1	SEAL, SEAL rectangular ring
13	J920922	1	WASHER, LOCK,
14	J920921	1	NUT, M20 - 1.5
15	628-6016	1	BOLT, Hex, M6 x 16, 10.9, Full Thd, BOLT hex, full threads, 6 -1.0 x 16 mm, class 10.9
16	691292C1	1	BUSHING, HOUSING spring return
17	680187C1	1	O-RING, O-RING sealing, special
18	J935759	1	LEVER, shutoff valve
19	J934022	1	WASHER, flat, special
20	832-10406	1	NUT, LOCK, M6 x 1, CI 8,
21	J935431	1	SOLENOID, fuel shutoff, 12 volt
22	311099A1	1	JOINT, ball
23	492-11025	1	WASHER, LOCK, 1/4",
24	425-154	1	NUT, Jam, 1/4"-28, G5,
25	J925171	1	BOOT, protective, plunger
26	473321C1	1	STRAP, CABLE, .098" x 8", tie
27	251828A1	1	SPRING, return, plunger
28	J935435	1	BRACKET, solenoid, see Figure 03-006
29	844-8045	1	BOLT, Hex Flg, M8 x 45, 8.8, BOLT heavy hex flange, 8 - 1.25 x 45 mm
30	844-6020	2	BOLT, Hex Flg, M6 x 20, 8.8,
31	J933359	1	CONNECTOR, banjo, fuel return
32	J931382	1	GEAR, fuel pump
33	86991263	4	STUD, pump mounting
34	825-2410	4	NUT, M10 x 1.5, Flg, CI 8,
35	J4003580	1	BRACE, fuel pump
36	845-8095	2	BOLT, Hex Flg, M8 x 95, 8.8, BOLT heavy hex flange, 8 - 1.25 x 95 mm
37	J928898	1	BRACE, fuel pump
38	J928231	2	SCREW, round head cap
39	J932321	1	UNION, NIPPLE hex, 1/8 PT x 10 - 1.6 mm STR thread
40	637-62081	1	O-RING, CI 6, 8.1MM ID x 1.6 Thk, 8.1 ID x 1.6 mm wide
41	J924346	1	TEE, oil pressure

Part available only through Case's Global After Sales Organization.

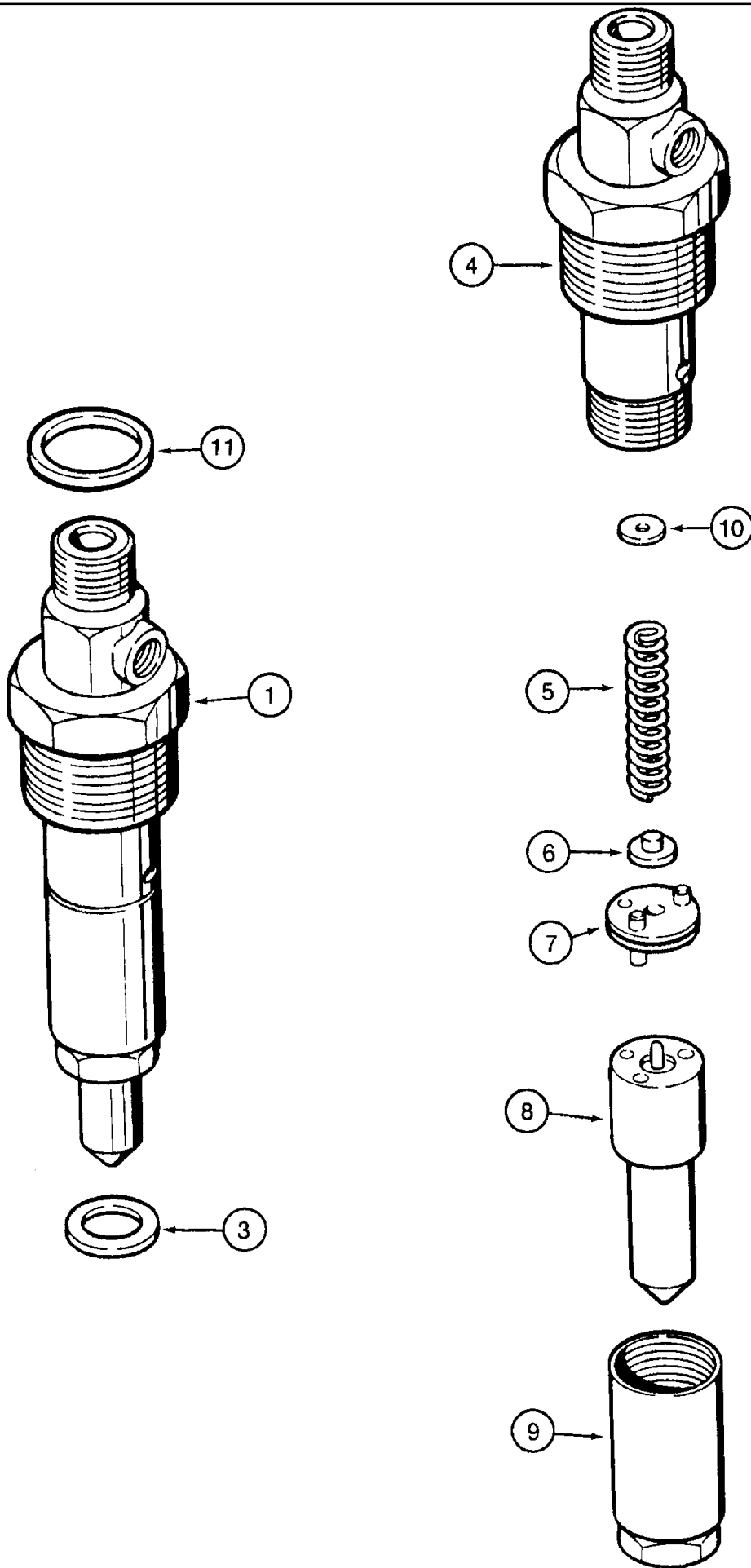


SPX3185 PATRIOT SPRAYER (10/02- )

03-060 ENGINE - FUEL INJECTION PUMP & DRIVE

сылка	Номер детали	Кол-во	Описание
42	218-752	1	CAP, 37с, 7/16"-20, hex, 7/16-20 inch
43	J918536	1	HOSE, flexible
44	222-762	1	ELBOW, 90с, 7/16"-20, 45с Fl x 1/8" NPT, 90 degree, 7/16-20 45 degree flare x 1/8 inch PT

Part available only through Case's Global After Sales Organization.

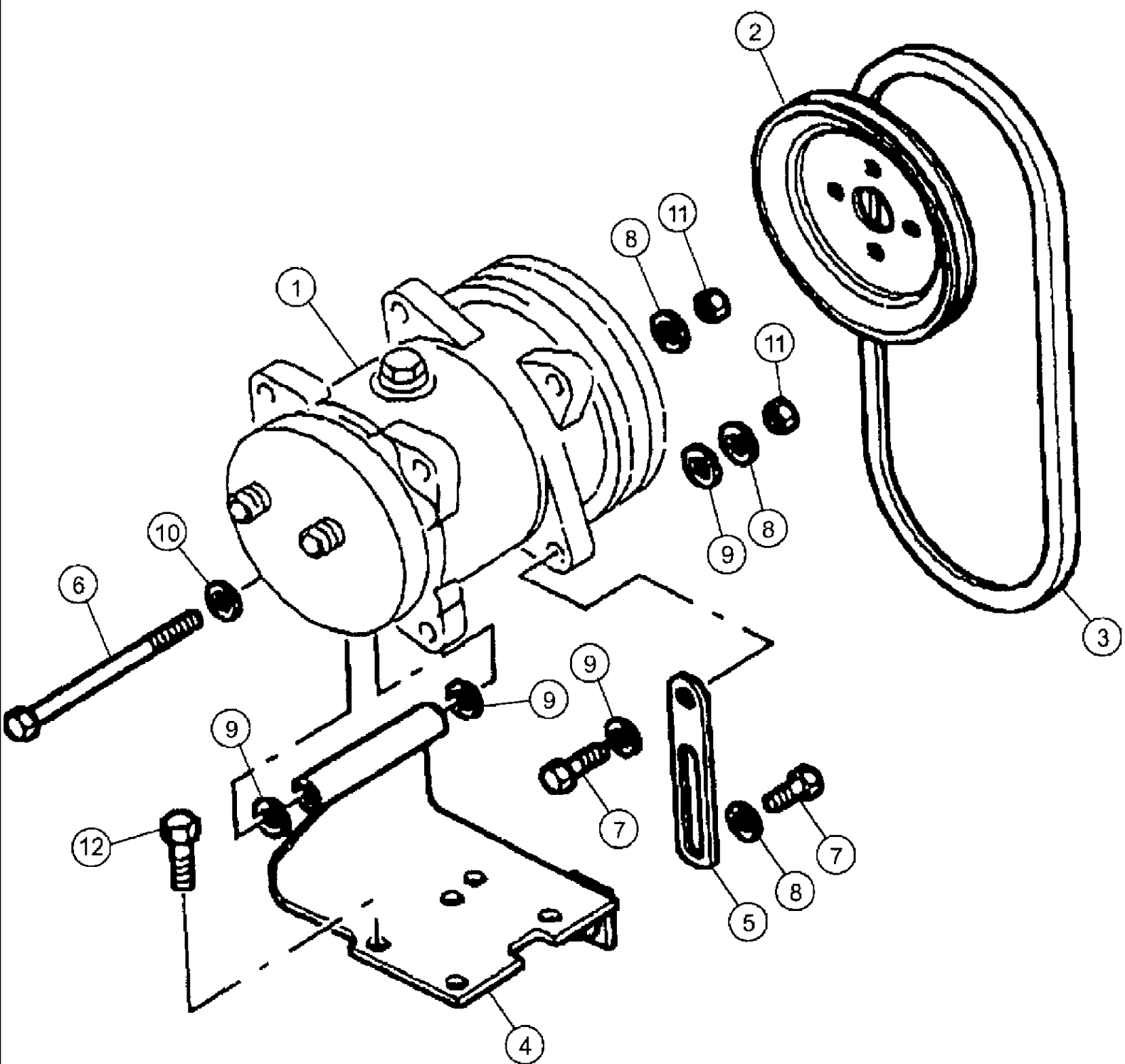


RH01M013

## 03-064 ENGINE - FUEL INJECTION NOZZLE

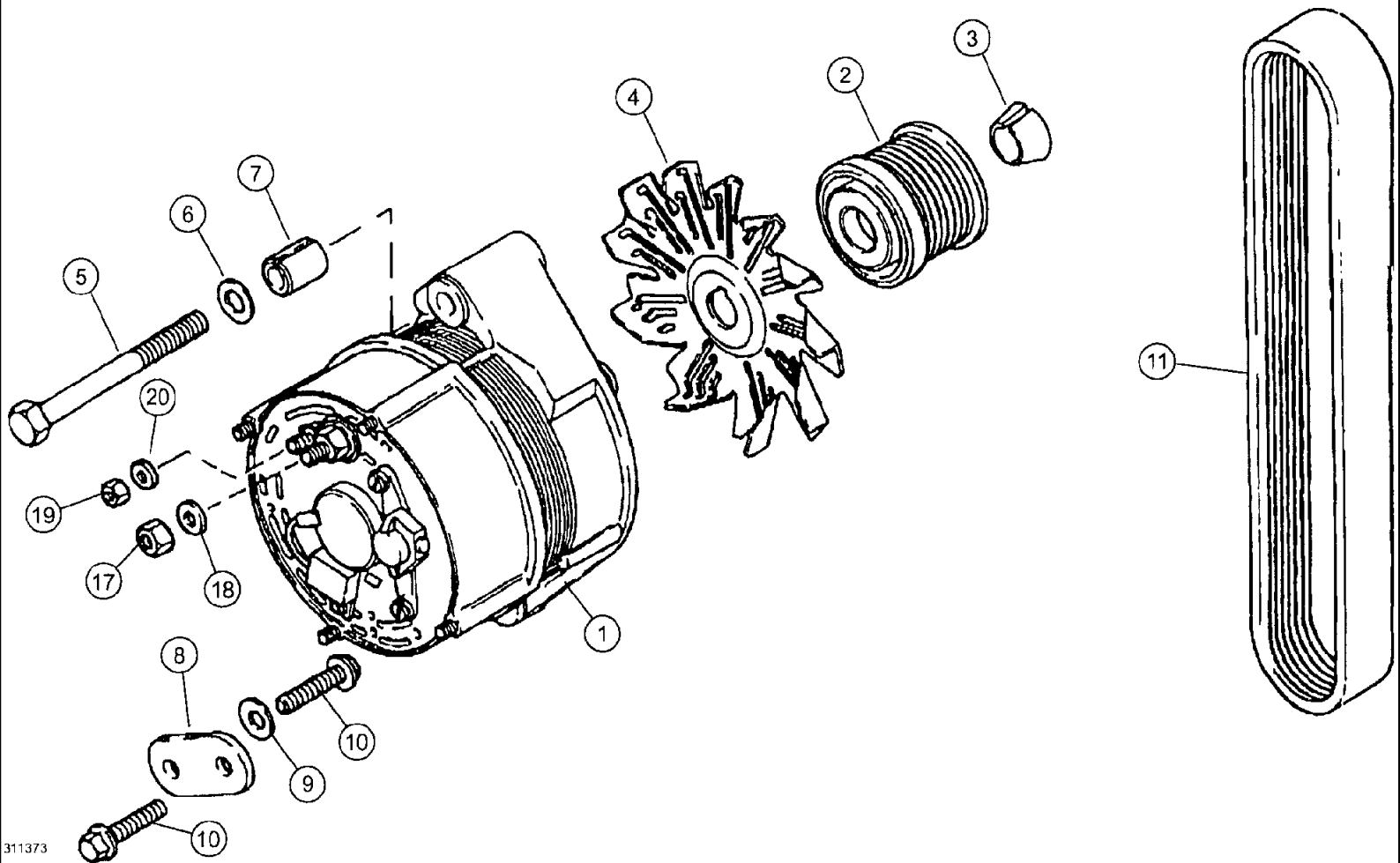
сылка	Номер детали	Кол-во	Описание
	JR930131	1	REMAN-NOZZLE, INJECT, ASSEMBLY fuel, remanufactured, North America only
	JC930131	1	CORE-INJECTION PUMP, RETURN NUMBER use this part number to return injector core for credit when using a remanufactured assembly
1	J930131	6	INJECTOR ASSY., NOZZLE fuel
3	J937142	1	SEAL, injector nozzle, 7 mm tip, Whenever a nozzle is removed from the cylinder head, J937142 seal must be replaced.
4	NSS	1	NOT SERVICED SEPARATELY, BODY injector
5	NSS	1	NOT SERVICED SEPARATELY, SPRING nozzle pressure
6	NSS	1	NOT SERVICED SEPARATELY, SEAT nozzle pressure string
7	NSS	1	NOT SERVICED SEPARATELY, STOP nozzle valve
8	NSS	1	NOT SERVICED SEPARATELY, TIP nozzle injector
9	NSS	1	NOT SERVICED SEPARATELY, NUT cap, nozzle tip
	A48186	1	KIT, shim, nozzle opening pressure, starter kit, use one shim of the thickness required, no longer available, order component separately
10	1806233C1		UAR SHIM, nozzle, 1.00 mm
10	1806234C1		UAR SHIM, nozzle, 1.04 mm
10	1806235C1		UAR SHIM, nozzle, 1.08 mm
10	1806236C1		UAR SHIM, nozzle, 1.10 mm
10	1806237C1		UAR SHIM, nozzle, 1.14 mm
10	1806238C1		UAR SHIM, nozzle, 1.18 mm
10	1806239C1		UAR SHIM, nozzle, 1.20 mm
10	1806240C1		UAR SHIM, nozzle, 1.24 mm
10	1806241C1		UAR SHIM, nozzle, 1.28 mm
10	1806242C1		UAR SHIM, nozzle, 1.30 mm
10	1806243C1		UAR SHIM, nozzle, 1.34 mm
10	1806244C1		UAR SHIM, nozzle, 1.38 mm
10	1806245C1		UAR SHIM, nozzle, 1.40 mm
10	1806246C1		UAR SHIM, nozzle, 1.44 mm
10	1806247C1		UAR SHIM, nozzle, 1.48 mm
10	1806248C1		UAR SHIM, nozzle, 1.50 mm
10	1806249C1		UAR SHIM, nozzle, 1.54 mm
10	1806250C1		UAR SHIM, nozzle, 1.58 mm
10	1806251C1		UAR SHIM, nozzle, 1.60 mm
10	1806252C1		UAR SHIM, nozzle, 1.64 mm
10	1806253C1		UAR SHIM, nozzle, 1.68 mm
10	1806254C1		UAR SHIM, nozzle, 1.70 mm
10	1806255C1		UAR SHIM, nozzle, 1.74 mm
10	1806256C1		UAR SHIM, nozzle, 1.78 mm
10	1806257C1		UAR SHIM, nozzle, 1.80 mm
10	1806258C1		UAR SHIM, nozzle, 1.84 mm
10	1806259C1		UAR SHIM, nozzle, 1.88 mm
10	1806260C1		UAR SHIM, nozzle, 1.90 mm
10	1806261C1		UAR SHIM, nozzle, 1.94 mm
10	1806262C1		UAR SHIM, nozzle, 1.98 mm
11	J909356	6	SEAL, O-RING body to nut, injector body

Part available only through Case's Global After Sales Organization.



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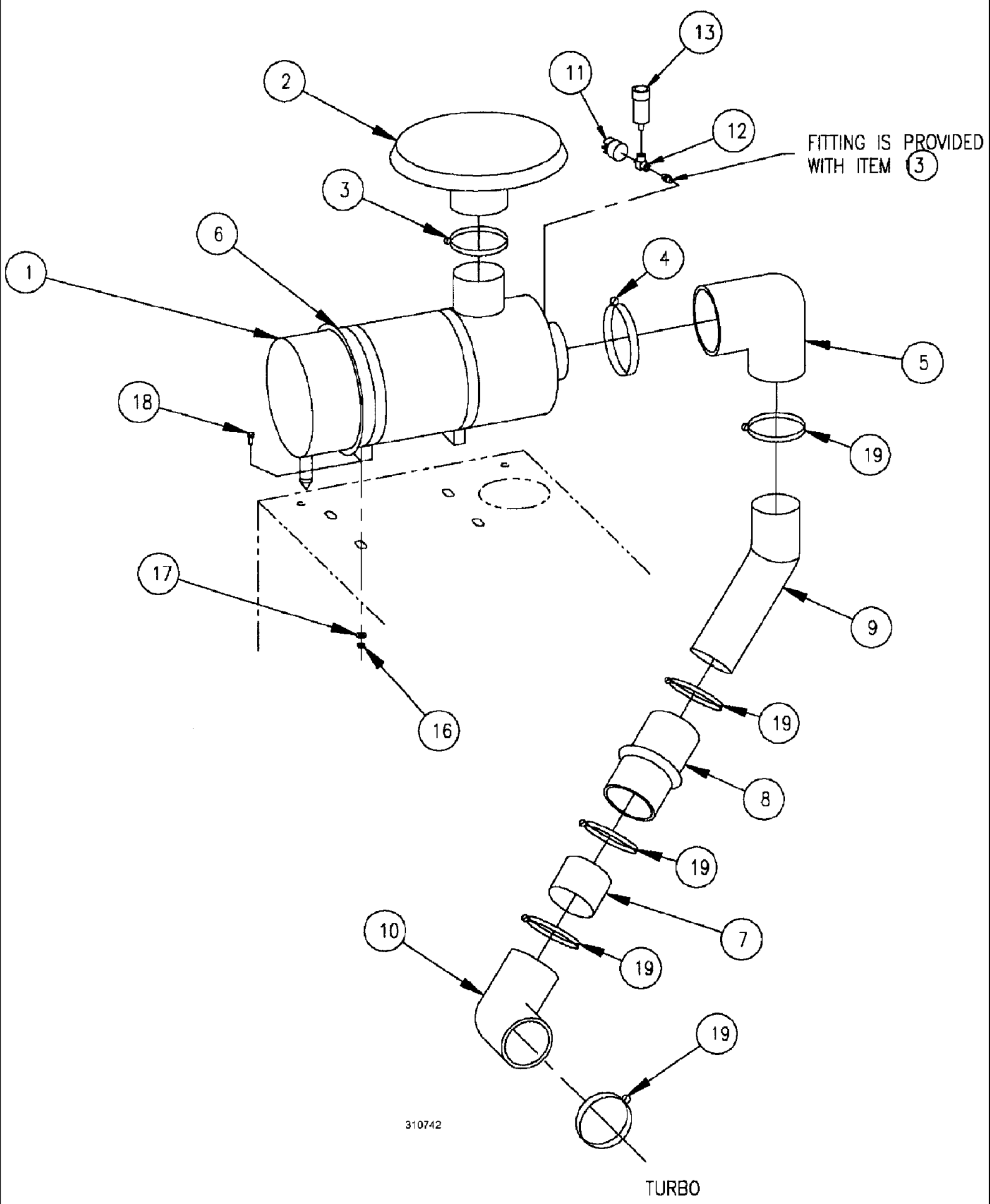
сылка	Номер детали	Кол-во	Описание
1		1	COMPRESSOR assembly see Figure 03-009, Part available only through Case's Global After Sales Organization.
2	A184596	1	PULLEY, compressor drive, on water pump, Part available only through Case's Global After Sales Organization.
3	84766C1	1	BELT, compressor drive, Part available only through Case's Global After Sales Organization.
4	191951A1	1	SUPPORT, COMPRESSOR bracket, Part available only through Case's Global After Sales Organization.
5	BN311230	1	BRACKET, SUPPORTING, A/C compressor brace, Part available only through Case's Global After Sales Organization.
6	814-10130	1	BOLT, Hex, M10 x 130, 8.8, BOLT, M10 - 1.5 x 130: 8.8, Part available only through Case's Global After Sales Organization.
7	905-10035	2	BOLT, Hex Serr Flg, M10 x 35, , Part available only through Case's Global After Sales Organization.
8	892-11010	3	WASHER, LOCK, M10, , Part available only through Case's Global After Sales Organization.
9	895-11010	4	WASHER, M10 x 20 x 2, , Part available only through Case's Global After Sales Organization.
10	3120737R1	1	WASHER, 10.8 x 25 x 5 mm, Part available only through Case's Global After Sales Organization.
11	83246410	2	10 mm - 1.5, Part available only through Case's Global After Sales Organization.
12	905-10025	3	BOLT, Hex Serr Flg, M10 x 25, BOLT flange, M10 - 1.5 x 25



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## 03-069 ENGINE - ALTERNATOR PACKAGE

сылка	Номер детали	Кол-во	Описание
1	327121A1	1	ALTERNATOR, 120 amp
2	J908560	1	PULLEY, alternator, Part available only through Case's Global After Sales Organization.
3	J908563	1	RETAINER, , Part available only through Case's Global After Sales Organization.
4	327397A1	1	FAN, alternator
5	814-10110	1	BOLT, Hex, M10 x 110, 8.8, , Part available only through Case's Global After Sales Organization.
6	892-11010	1	WASHER, LOCK, M10, , Part available only through Case's Global After Sales Organization.
7	J902469	1	SPACER, , Part available only through Case's Global After Sales Organization.
8	J903089	1	SUPPORT, BRACE, Part available only through Case's Global After Sales Organization.
9	A140282	1	WASHER, M8, Part available only through Case's Global After Sales Organization.
10	614-8025	2	BOLT, Hex, M8 x 25, 8.8, , Part available only through Case's Global After Sales Organization.
11	J911559	1	BELT, poly vee, Part available only through Case's Global After Sales Organization.
17	832-46408	1	NUT, LOCK, M8 x 1.25, CI 8, , Part available only through Case's Global After Sales Organization.
18	895-11008	1	WASHER, M8 x 16 x 1.6, M9 x 17 x 1.6, Part available only through Case's Global After Sales Organization.
19	825-1405	1	NUT, M5, CI 8, , Part available only through Case's Global After Sales Organization.
20	892-11005	1	WASHER, LOCK, M5, , Part available only through Case's Global After Sales Organization.



FITTING IS PROVIDED WITH ITEM 3

310742

TURBO

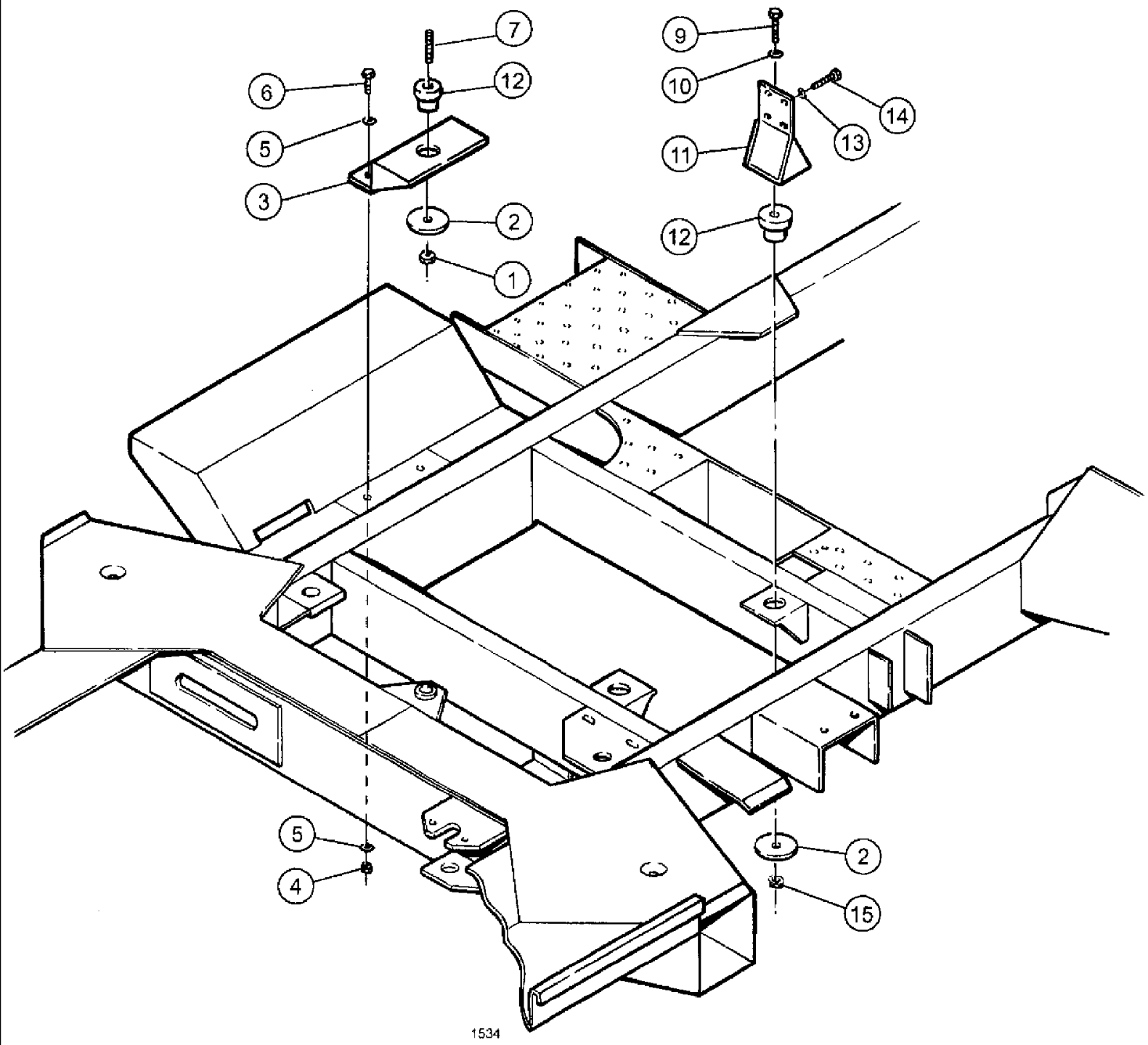


## SPX3185 PATRIOT SPRAYER (10/02- )

## 03-070 ENGINE - AIR CLEANER PACKAGE

сылка	Номер детали	Кол-во	Описание
1	247825A2	1	AIR CLEANER, 4.5 outlet
*	249987A1	1	FILTER, ELEMENT, primary
*	249988A1	1	FILTER, ELEMENT, safety
*	249990A1	1	COVER, ASSEMBLY
*	60-4452T2	1	FILTER, O-RING
	A184597	1	POPPET, VALVE, vacuator
*	D36264	1	FITTING, ADAPTER
2	54-305	1	CAP, HOOD air inlet, Part of Ref. 3, Clamp - hood air inlet, P/N BN320355
3	BN320355	1	CLAMP, CLAMP hood air inlet, Includes: 2
4	BN25675	1	CLAMP, t-bolt 5 1/2"
5	BN310691	1	REDUCER, elbow 4.5" x 4" x 90
*6	S238773	2	CLAMP, BAND mount, air cleaner
7	BN25293	1	TUBE, RD-4" dia. OD 16GA x3"
*8	S89590	1	HOSE, LARGE, HUMP rubber, 4 x 4
9	BN310692	1	TUBE, WELDMENT 4"
*10	D50420	1	VALVE, ELBOW deg rubber, 4 x 4 x 90
11	BN66126	1	INDICATOR, filter, electric
12	BN68257	1	TEE, 1/8 NPT male, female
13	BN68258	1	INDICATOR, restrict 25" H2O
16	BN50062	4	NUT, 3/8-16, WLN, SS
17	BN50146	4	WASHER, 3/8, FW, SS
18	BN50250	4	BOLT, hex head, 3/8-16 x .75, SS
19	BN69643	5	CLAMP, t-bolt 4.50 longbolt

Complete Part # BN310742 (Ref Only)

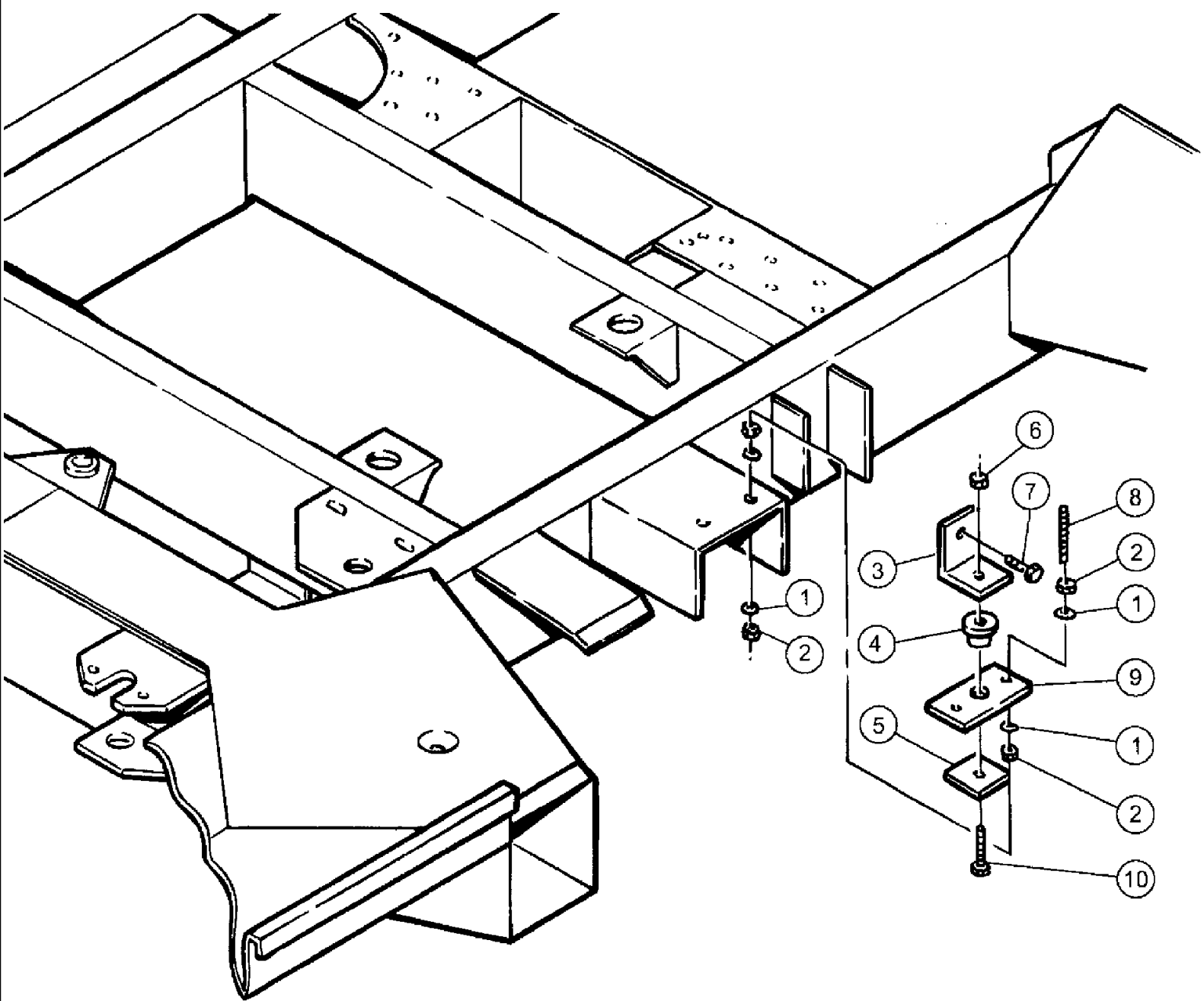


## SPX3185 PATRIOT SPRAYER (10/02- )

## 03-072 ENGINE - ENGINE MOUNTING PACKAGE

сылка	Номер детали	Кол-во	Описание
1	BN300410	1	BOLT, M16-2, FLN, 8.8
2	BN63818	3	WASHER, 7 GA 304. 81 x 2.75
3	BN310420	1	PLATE, MOUNTING, WLD'MT, front engine mount
4	BN300407	2	BOLT, 1/2-13, FLN, G8
5	BN306483	4	WASHER, 1/2, FW, G8
6	BN55235	2	BOLT, hex head, 1/2-13 x 1.5, G8
7	BN311165	1	STUD, STUD, M16 x 2 x 70
9	413-1056	2	BOLT, Hex, 5/8"-11 x 3 1/2", G5,
10	BN50155	2	WASHER, WASHER 5/8 plated flat
11	BN318841	2	BRACKET, WLD'MT, rear engine mount
12	BN25639	3	PLATE, MOUNTING, MOUNT cb, rubber motor mount
13	BN300500	8	WASHER, M12, FW, 10.9
14	614-12035	8	BOLT, Hex, M12 x 35, 8.8, Full Thd, M12-1.75 x 35, HH, 10.9
15	231-41410	2	NUT, LOCK, 5/8"-11, GB, 5/8-11, HX, CTR

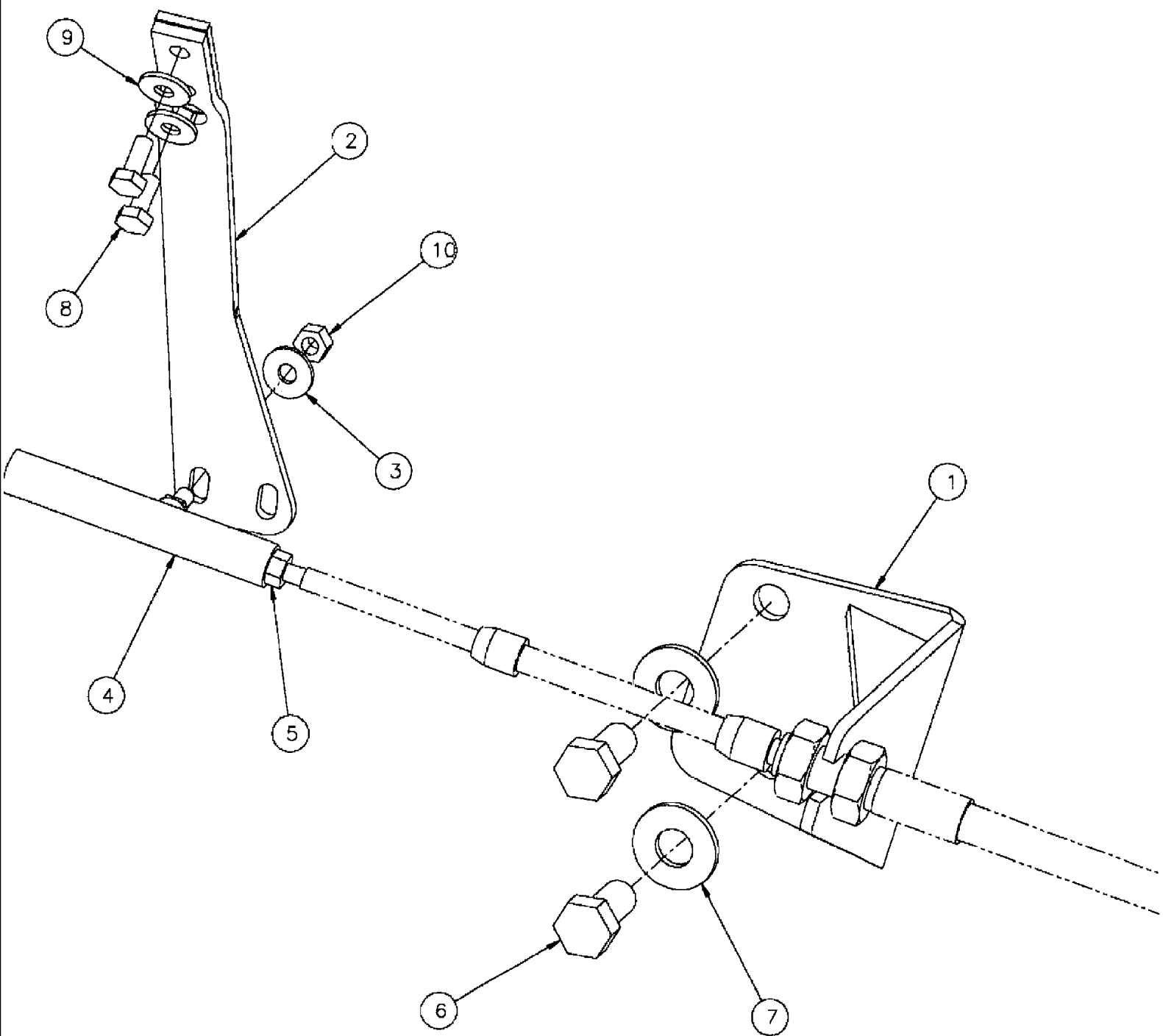
Complete Part # BN310816 (front) (Ref Only) Complete Part # BN311138 (back) (Ref Only)



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## 03-073 ENGINE - HYDROSTAT SUPPORT MOUNTING PACKAGE

сылка	Номер детали	Кол-во	Описание
1	BN50151	8	WASHER, 1/2, FLT, PL
2	BN50072	8	NUT, 1/2-13, HN, G5
3	BN25882	1	BRACKET, MNT.-3 x 3 x 3/8 ANGLE x 3
4	BN29243	1	ISOLATOR, rubber 1/2" bore
5	BN29209	1	WASHER, 2.25 x 2.25 x 7GA 409SS
6	BN50778	1	NUT, LOCK, 1/2-13 CTR, 5, PL
7	413-820	5	BOLT, Hex, 1/2"-13 x 1 1/4", G5, Full Thd, 1/2-13 x 1.25, HH, G5, qty 4-hydro to flywheel plate, see Figure 03-005
8	BN19874	2	ROD, THD 1/2-13 x 3.75 SS
9	BN25883	1	BOLT, MOUNT 1/2 x 3 FB x 6.00
10	BN50680	1	BOLT, hex head, 1/2-13 x 3, 5, PL
11	BN50166	4	NUT, WHM, 7/8 OD x 1/2 ID x 14GA, hydro to flywheel plate, see Figure 03-005



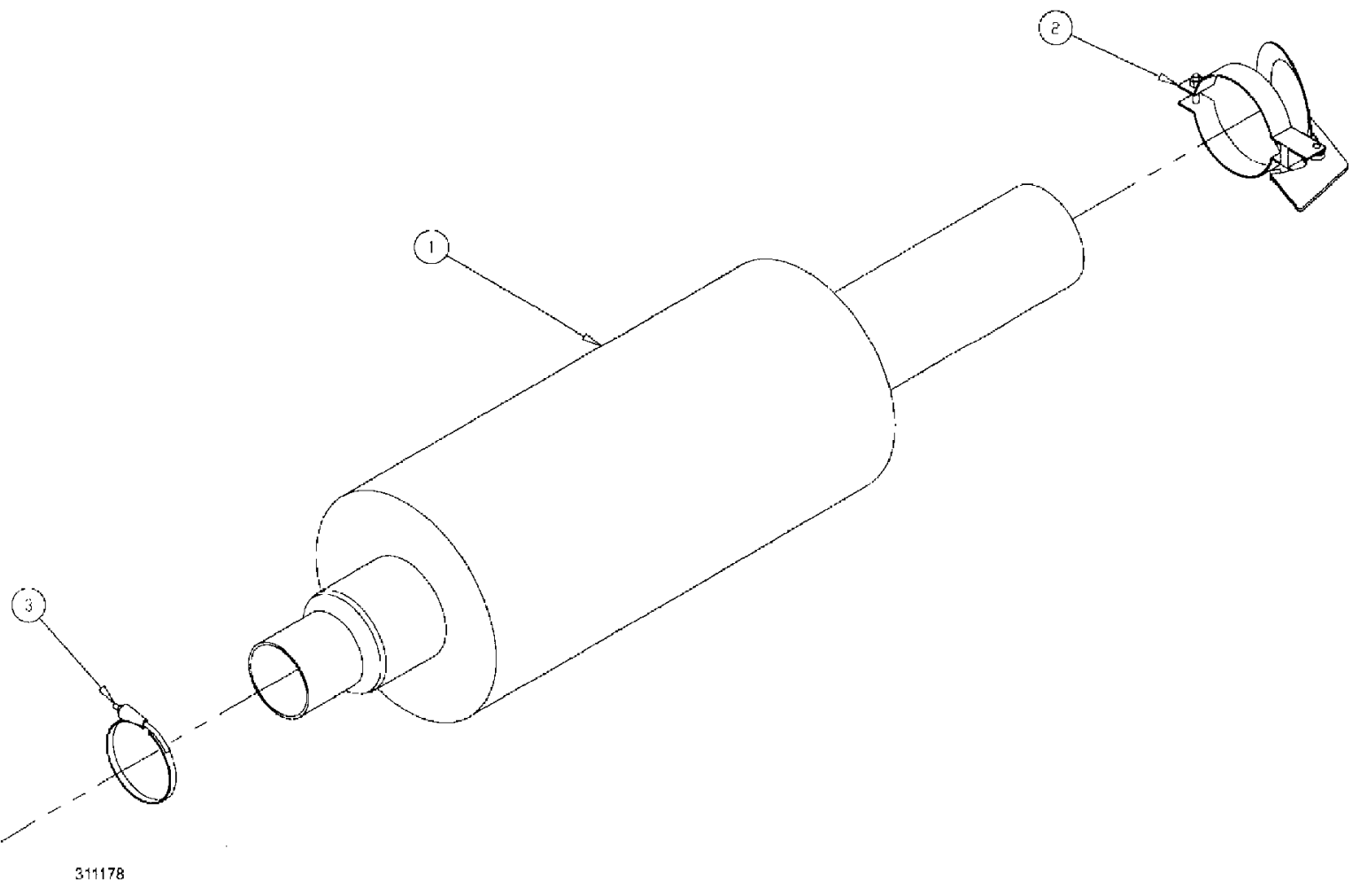
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SPX3185 PATRIOT SPRAYER (10/02- )

03-074 ENGINE - THROTTLE CABLE ASSEMBLY

сылка	Номер детали	Кол-во	Описание
1	BN323630	1	BRACKET, BRKT throttle cable / weldment
2	BN310390	1	LEVER, throttle cable
3	BN50137	1	WASHER, 1/4, FW, G5
*4	225619A1	1	BALL JOINT, 30# spring, Part availabe only through Case's Global After Sales Organization.
5	BN50055	2	NUT, 1/4-28 hex
6	BN301067	2	BOLT, Hex, M12 x 20, 10.9, Full Thd, hex head, M12-1.75 x 20, 10.9
7	BN300500	2	WASHER, M12, FW, 10.9
8	BN301012	2	BOLT, Hex, M6 x 16, 10.9, hex head, M6-1 x 16, 10.9
9	BN300496	2	WASHER, M6, FW, 10.9

Complete Part # BN310488 (Ref Only)



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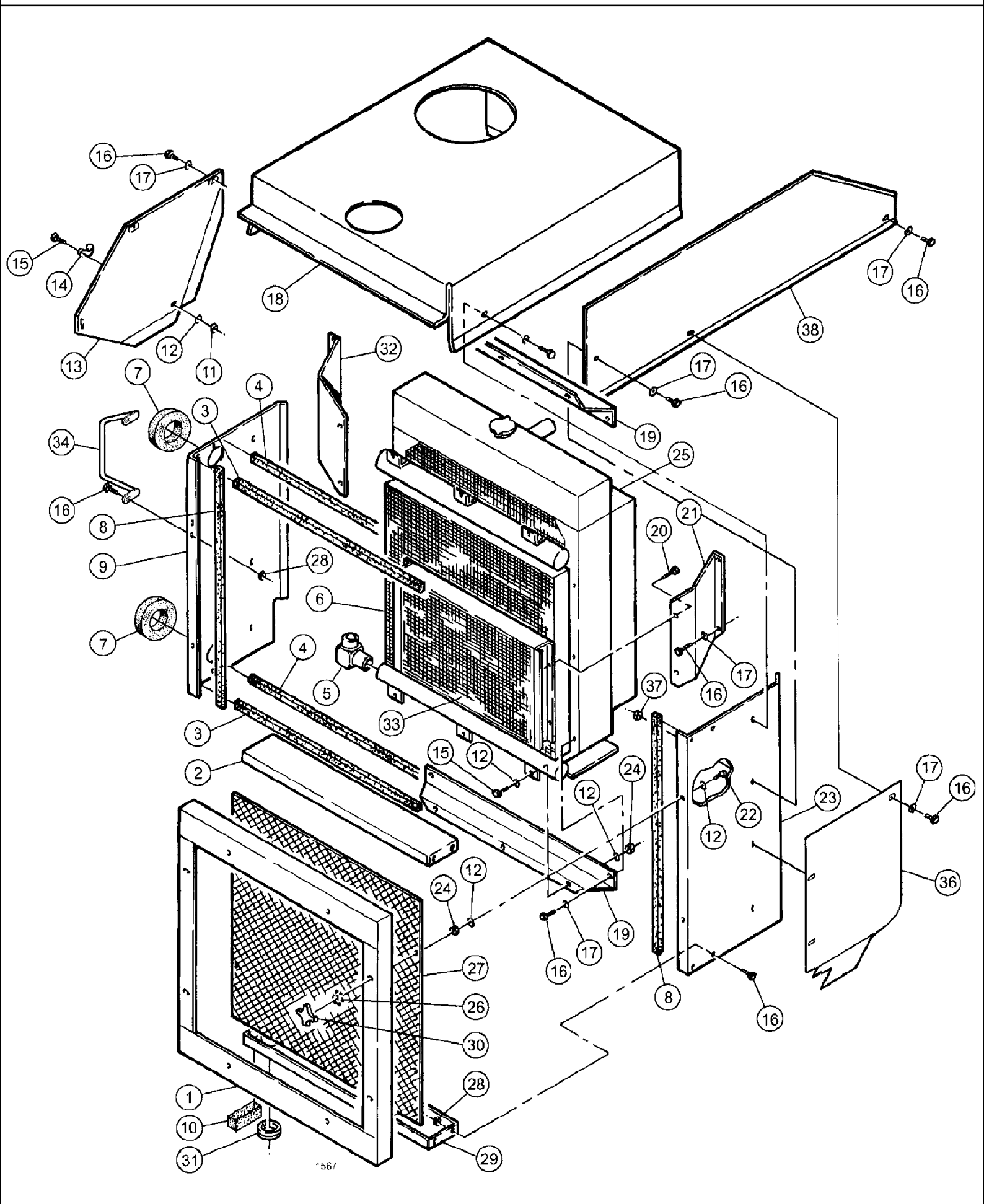


SPX3185 PATRIOT SPRAYER (10/02- )

03-075 ENGINE - MUFFLER ASSEMBLY

сылка	Номер детали	Кол-во	Описание
1	BN310688	1	MUFFLER, 3" inlet, 4" outlet
2	BN310690	1	CAP, RAIN muffler
3	BN310689	1	CLAMP, muffler, bent bolt

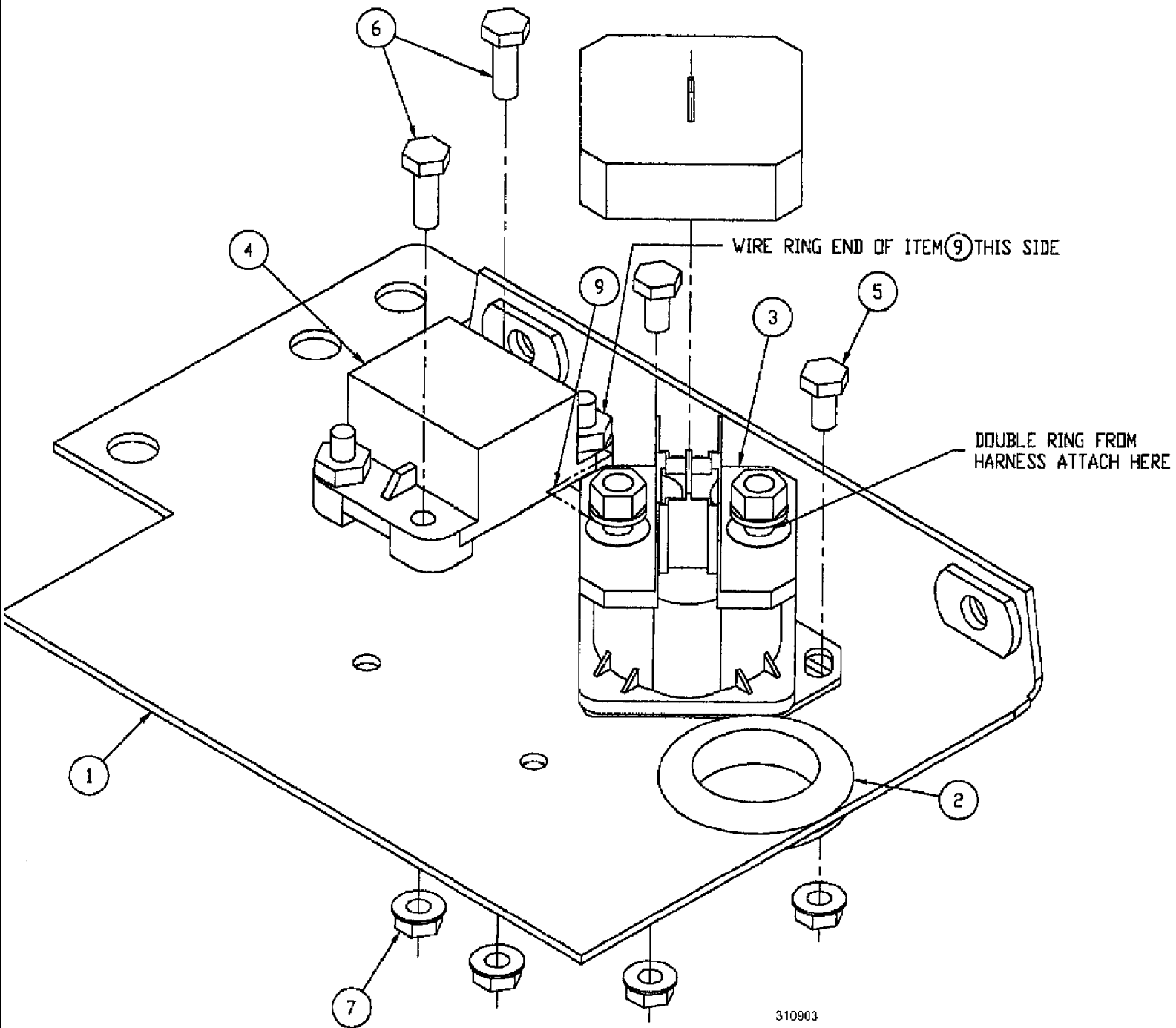
Complete Part # BN311178 (Ref Only)



## SPX3185 PATRIOT SPRAYER (10/02- )

## 03-076 ENGINE - MT. &amp; SCREEN-OILCOOL ASSEMBLY

сылка	Номер детали	Кол-во	Описание
1	BN67581	1	COVER ASSY, COVER weldment WT rad INT
2	BN67584	1	COVER, COVER, top
3	BN68595	2	SEAL, SEAL foam, .75 x 1 x 29
4	BN68597	2	SEAL, SEAL foam, .75 x 1 x 30.5
5	BN67881	2	ADAPTER, ADPT, 90 1" NPT x #16 jig
6	BN29339	1	COOLER, OIL, COOLER hyd oil
7	BN304609	2	SEAL, SEAL foam
8	BN68596	2	SEAL, SEAL foam, .75 x 1 x 33.5
9	BN315808	1	SHROUD, SHROUD 14GA, HRS 17 x 35.50
10	BN65150	1	SEAL, SEAL foam, .75 x 1.0 x 3.0
11	BN50064	1	NUT, 3/8-16, HX, SS
12	BN50146	13	WASHER, 3/8 FLT SS
13	BN315806	1	SHIELD, SHIELD, weldment alternator
14	BN45666	1	CLAMP, vinyl coated 1 IN
15	BN50250	7	BOLT, hex head, 3/8-16 x .75, SS
16	BN50476	24	BOLT, hex head, 5/16-18 x .75, SS
17	BN50142	27	WASHER, 5/16, FLT, SS
18	BN313432	1	COVER ASSY, COVER engine weldment
19	BN315804	2	BRACKET, SUPPORTING, MNT., 14GA, HRS 5.37 x 30.5
20	BN50205	4	BOLT, SCREW, hex head, 1/4" x 3/4", STP
21	BN315795	1	PLATE, MOUNTING, MNT, R-14GA, HRS 6 x 18.32
22	BN50260	4	BOLT, BOLT, hex head, 3/8-16 x 1.5, SS
23	BN315807	1	SHROUD, SHROUD 14GA, HRS 17 x 35.50
24	BN50062	10	NUT, 3/8-16 whiz lock SS
25		1	RADIATOR see Figure 03-083
26	BN50941	4	WASHER, WASHER, 3/8 ID, ET
27	BN67589	1	SCREEN, MESH, radiator cover
28	231-4145	4	NUT, LOCK, 5/16"-18, GB,
29	BN67588	1	COVER, COVER, bottom
30	BN29392	4	KNOB, KNOB 3" 3/8-16 female TH
31	BN67586	1	GROMMET cut
32	BN315797	1	PLATE, MOUNTING, MNT, L-14GA, HRS 8 x 18.32
33	BN67785	1	COIL, condensor
34	BN313105	1	HANDLE, WLDMNT, handle, rad.
36	BN312980	1	DEFLECTOR, WLDMT, deflect/hood exten.
38	BN312960	1	DEFLECTOR, DEFLECTOR hood extension

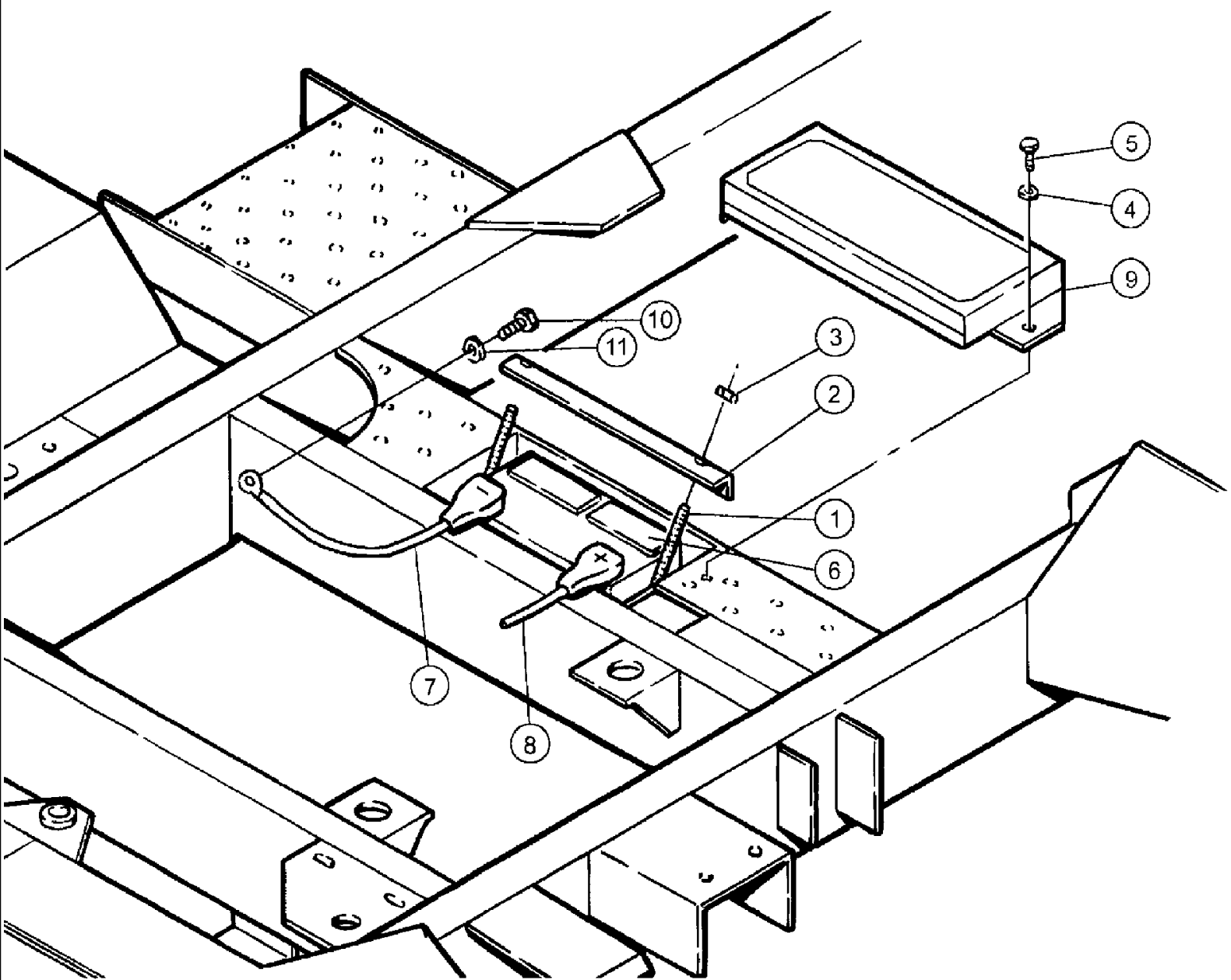


SPX3185 PATRIOT SPRAYER (10/02- )

03-078 ENGINE - SOLENOID MOUNT ASSEMBLY

сылка	Номер детали	Кол-во	Описание
1	BN310891	1	MOUNTING PARTS, sol. weldmnt
2	BN309732	1	GROMMET, rubber 1.50 ID
3	178149A1	1	SWITCH, SOLENOID, KIT, with barrier
4	BN69860	1	CIRCUIT BREAKER, 150A
5	BN50209	2	BOLT, hex head, 1/4-20 x .5, 5, pl
6	413-412	2	BOLT, Hex, 1/4"-20 x 3/4", G5, Full Thd, hex head, 1/4-20 x .75, G5
7	231-4144	4	NUT, LOCK, 1/4"-20, GB,
9	BN320105	1	CABLE, POS, C.B./relay

Complete Part # BN310903 (Ref Only)



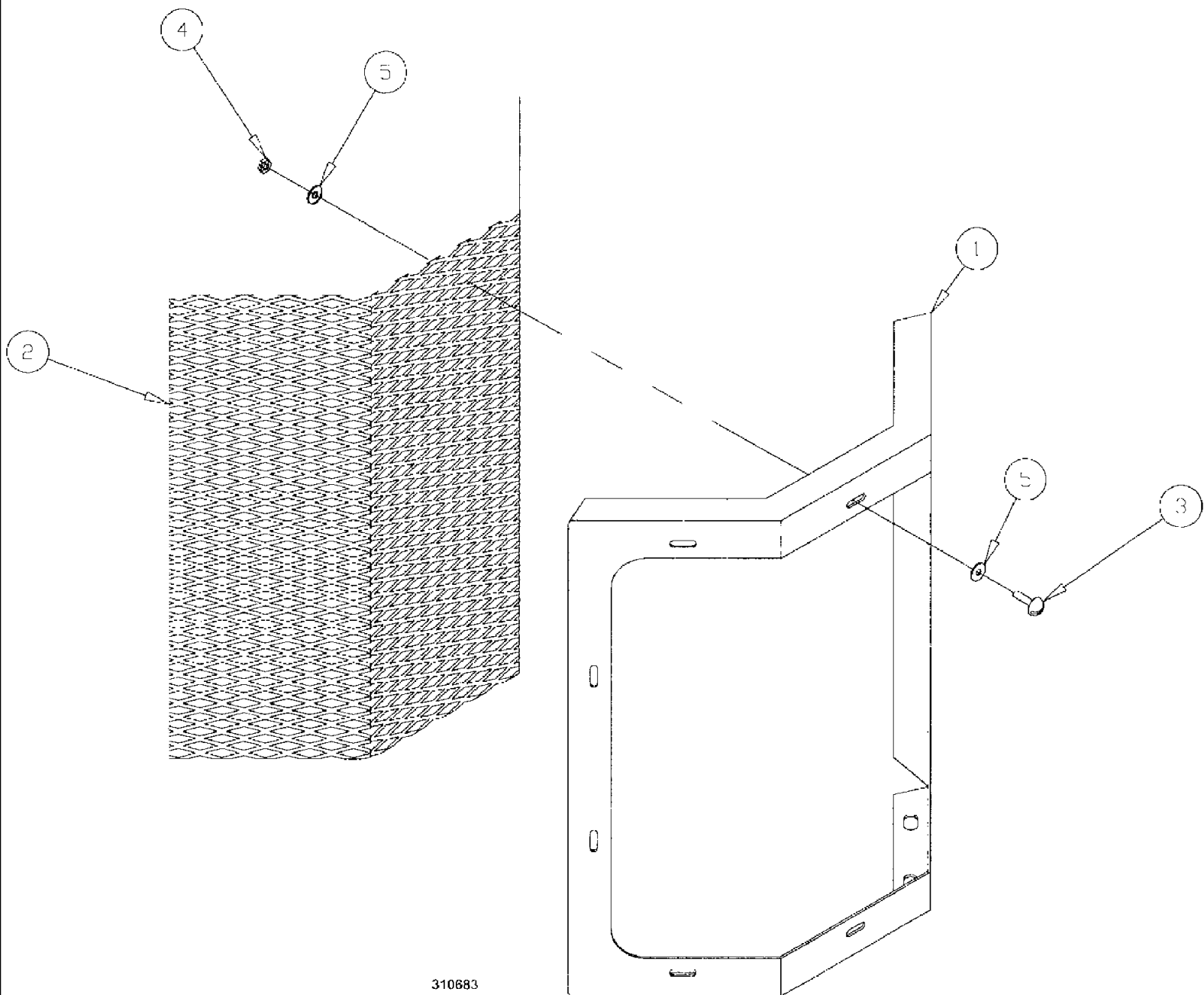
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SPX3185 PATRIOT SPRAYER (10/02- )

03-079 ENGINE - BATTERY PACKAGE

сылка	Номер детали	Кол-во	Описание
1	BN07020	2	ROD 5/16 dia, x 11.5
2	BN29276	1	ANGLE, 14GA, .409 1.5" x 15.5
3	BN50057	2	NUT, whiz lock, SS, 5/16-18
4	BN50141	2	WASHER, flat plated, 5/16 , Contact your local vendor for replacement.
5	BN50476	2	BOLT, HH SS, 5/16-18 x .75
*6	A187592	1	BATTERY, 12v 950 cca post
7	BN313316	1	CABLE, BATTERY (NEG), ASSEMBLY (-)
8	BN311567	1	CABLE ASSY., BATTERY (+)
9	BN66124	1	COVER, ASSEMBLY battery
§	BN29977	1	PLATFORM, SAFETY WALK flex tread
§	BN67240	1	SEAL, clip on
10	BN301067	1	BOLT, Hex, M12 x 20, 10.9, Full Thd, HH, M12-1.75 x 20, 10.9
11	BN300500	1	WASHER, M12, FW,10.9

Complete Part # BN311569 (Ref Only)



310683

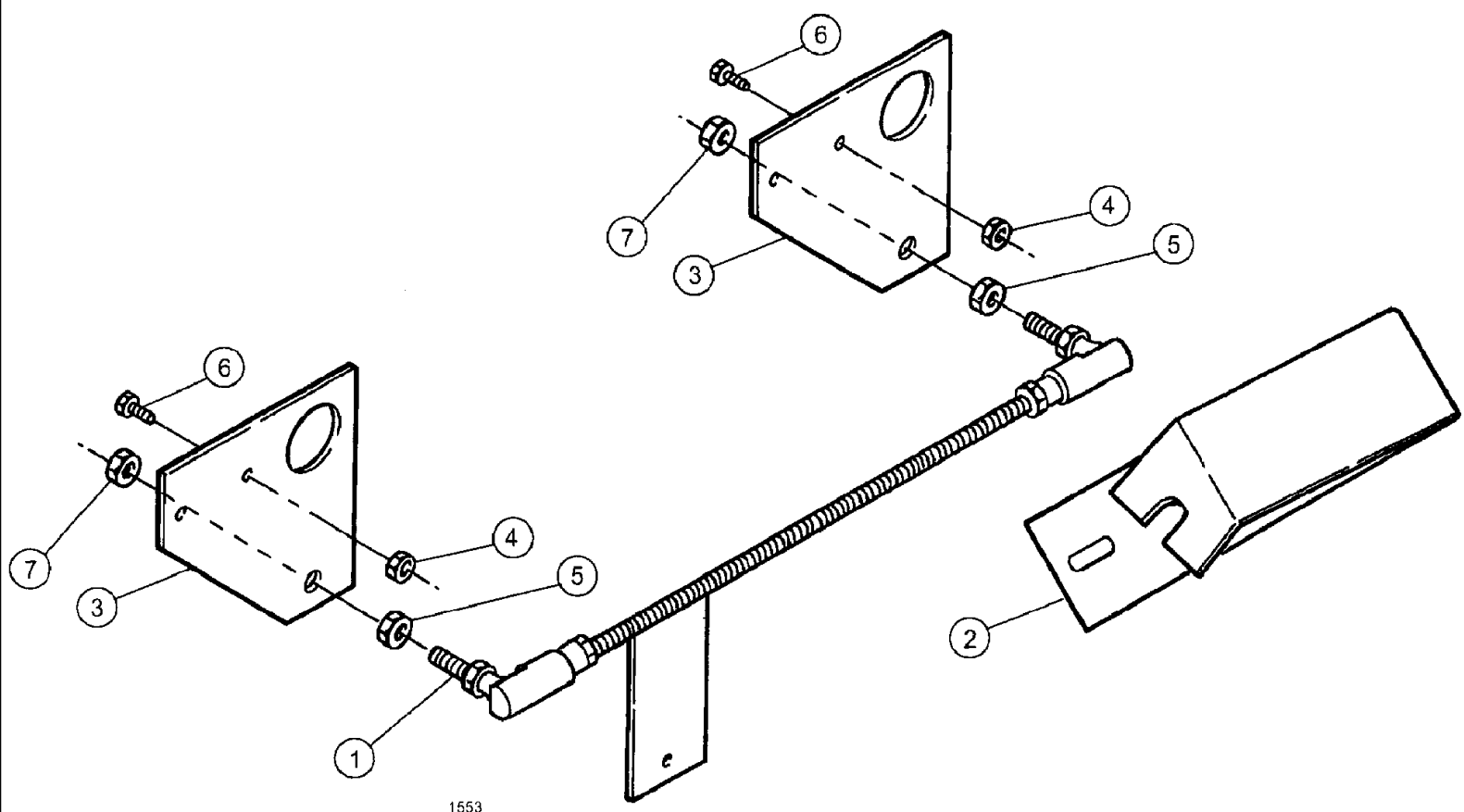


SPX3185 PATRIOT SPRAYER (10/02- )

03-080 ENGINE - EXHAUST DEFLECTOR ASSEMBLY

сылка	Номер детали	Кол-во	Описание
1	BN310681	1	PLATE, MOUNTING, MOUNT, exhaust deflector
2	BN310682	1	SCREEN, SCREEN, expanded - SS
3	BN50205	10	BOLT, 1/4-20 x .625, TH, SS
4	BN50052	10	NUT, whiz lock, 1/4-20, SS
5	BN50138	20	WASHER, 1/4, FW, SS

Complete Part # BN310683 (Ref Only)

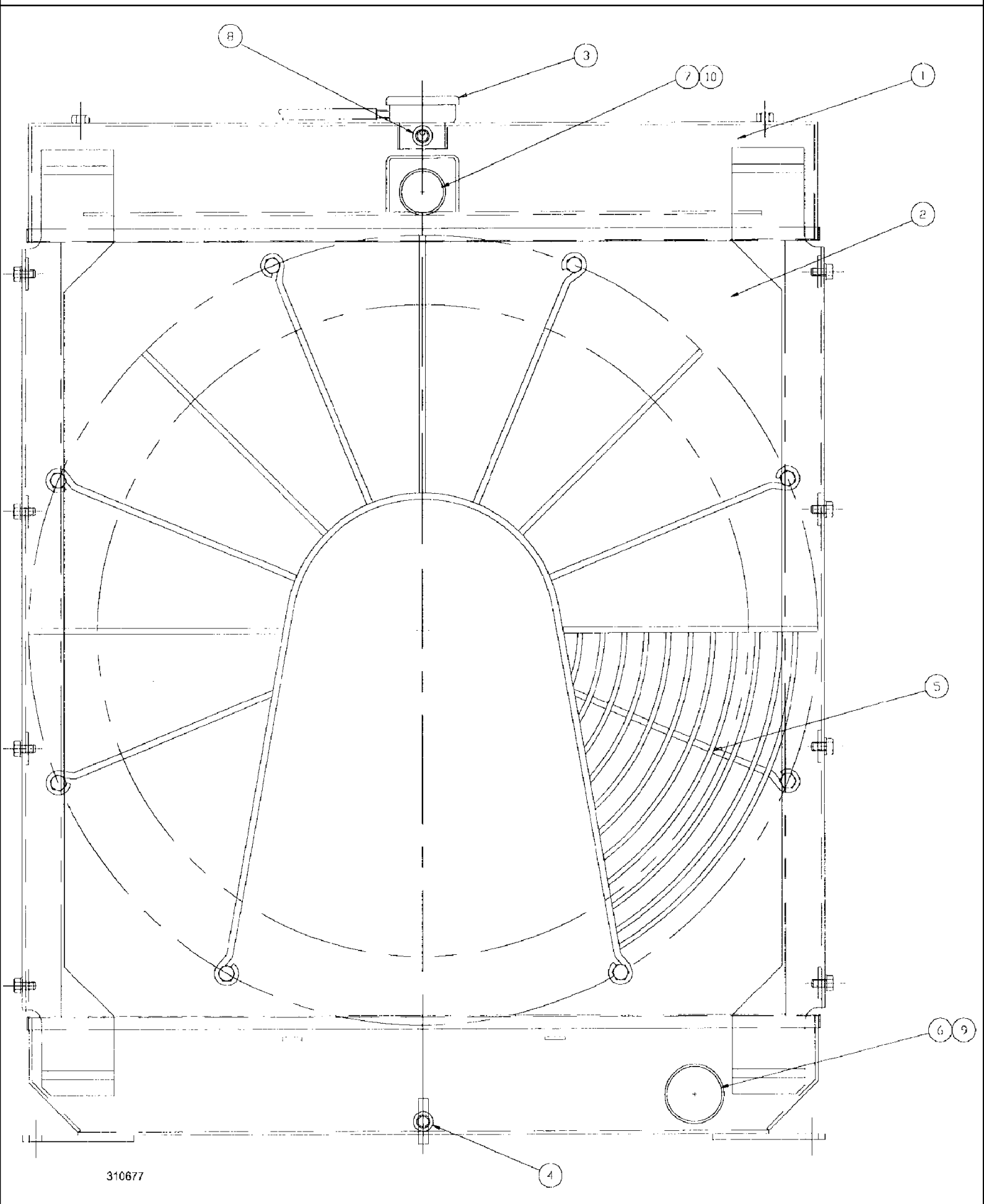


SPX3185 PATRIOT SPRAYER (10/02- )

03-081 ENGINE - HYDROSTAT LINKAGE PACKAGE

сылка	Номер детали	Кол-во	Описание
1	BN24907	1	ROD, linkage, asy, hydrostat
»	BN24906	1	ROD, linkage weldment
»	BN40245	2	GASKET, JNT ball 3/8-24 /grommet
»	BN50066	2	NUT, hex, 3/8 - 24
2	BN24921	1	BRACKET, MOUNT, 1/4" HR 1.75 x 10.70
3	BN25901	2	BRACKET, 7GA .304, 3.00 X 3.00
4	231-4144	4	NUT, LOCK, 1/4"-20, GB,
5	BN50066	2	NUT, hex head, 3/8-24
6	413-416	4	BOLT, Hex, 1/4"-20 x 1", G5,
7	BN50995	2	NUT, center loc, 3/8-24 UNF

Complete Part # BN311566 (Ref Only)



310677

сылка	Номер детали	Кол-во	Описание
1	BN312182	1	RADIATOR, RAD core up & low TANKS
2	BN316884	1	SHROUD, SHROUD radiator, 26" fan
3	BN310678	1	CAP, CAP radiator, 15 PSI
4	BN68738	1	VALVE, HYDRAULIC, VALVE radiator drain w/90
5	BN69653	1	GUARD, GUARD, fan-rad
6	BN310616	1	HOSE, HOSE lower radiator
7	BN310617	1	HOSE, HOSE upper radiator
8	BN311456	1	PACKAGE, PKG. vent, radiator
	BN53433	1	FITTING, HOSEBARB, 1/4 MPT x 1/4 , Part availilabe only through Case's Global After Sales Organization.
	BN311451	1	HOSE, HOSE fuel 1/4" ID x 32"
	BN76094	2	CLAMP, HOSE, #M5
9	J918521	2	CLAMP, HOSE, 59-83 mm, Part availilabe only through Case's Global After Sales Organization.
10	J922847	2	CLAMP, rad hose, 40-64 mm, Part availilabe only through Case's Global After Sales Organization.
NS	BN65181	1	RETAINER, rad drain hose



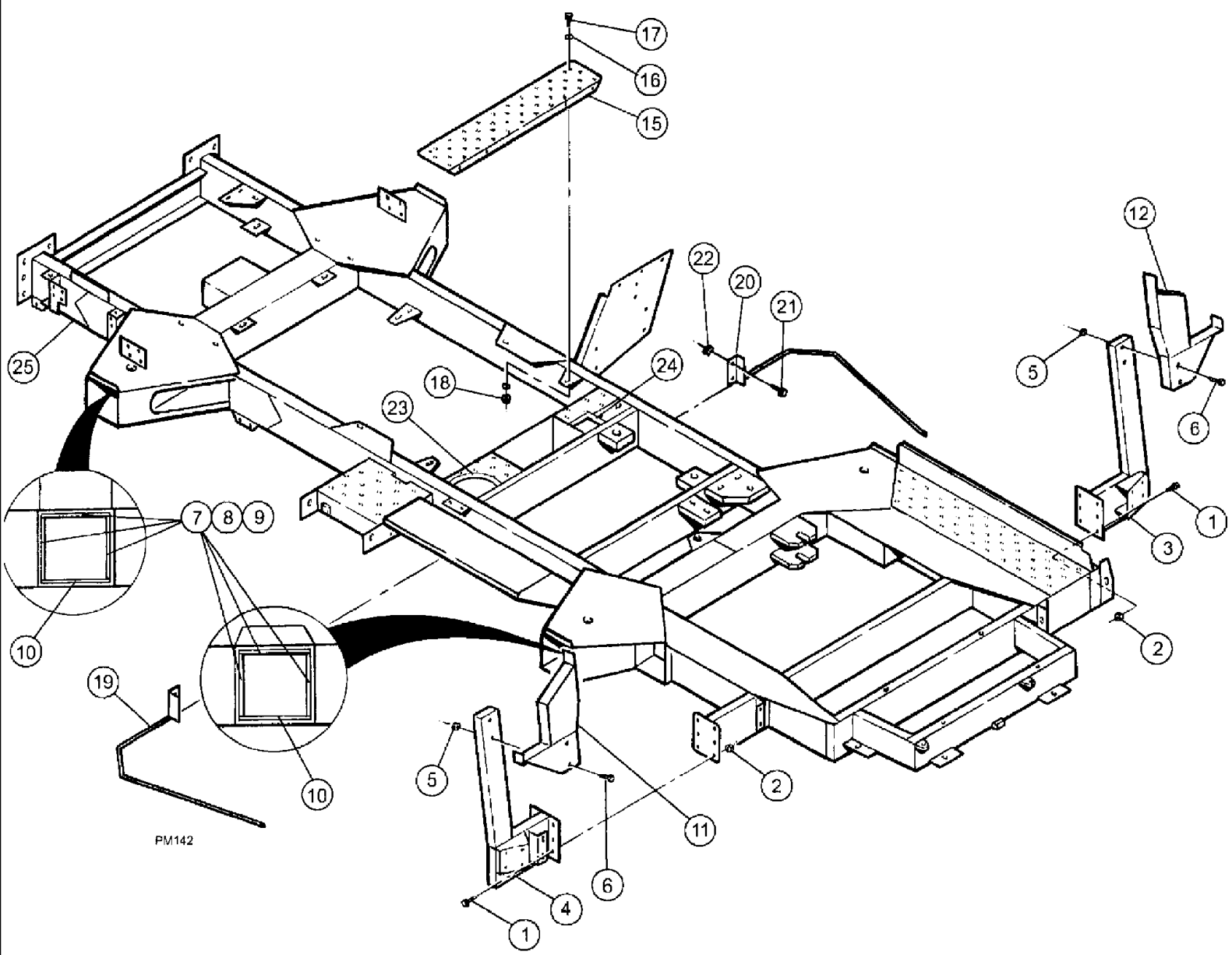
SPX3185 PATRIOT SPRAYER (10/02- )

03-084 ENGINE - FUEL DELIVERY SYSTEM

сылка	Номер детали	Кол-во	Описание
BN313523		1	SLEEVE, SLEEVE hose, nylon, 6"
BN318839		2	HOSE, HOSE fuel 3/8" x 155"
BN320236		1	PKG.HDWE, fuel filter, MTG
413-516		3	BOLT, Hex, 5/16"-18 x 1", G5, Full Thd, hex head, 5/16-18 x 1, G5
BN2392390		3	WASHER, flat, 5/16, ss
BN41859		2	CLAMP, vinyl covered, 9/16
BN50057		2	NUT, whiz lock, 5/16-18, SS
BN75906		1	CLAMP, adj hose, 3/8 to 1/2 , S
BN76094		3	CLAMP, HOSE, #M4
* J935740		1	BOLT, BANJO, banjo

Complete Part # BN314936 (Ref Only)

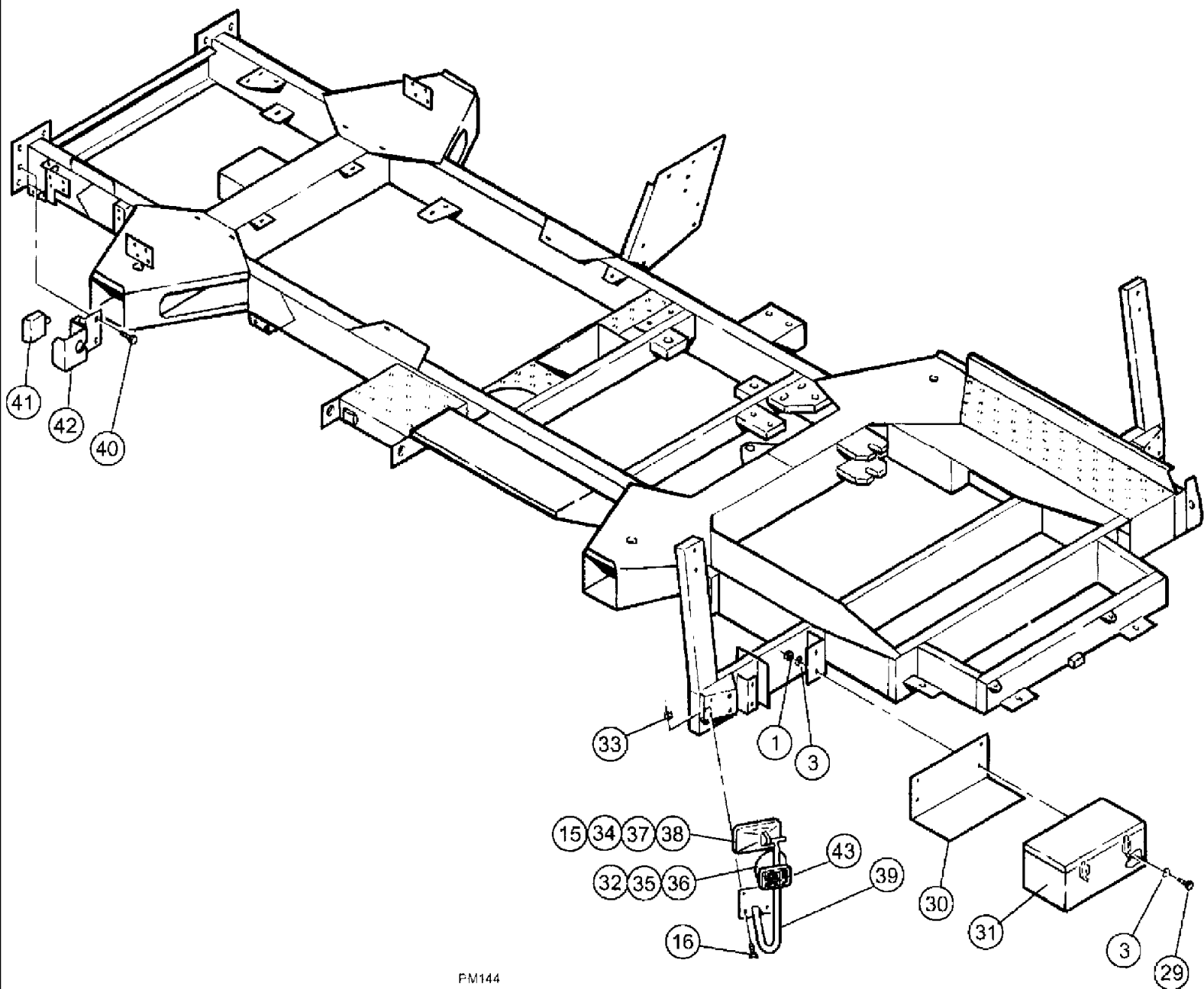
04-002 SUSPENSION & FRAME - FRAME ASSEMBLY





## 04-002 SUSPENSION &amp; FRAME - FRAME ASSEMBLY

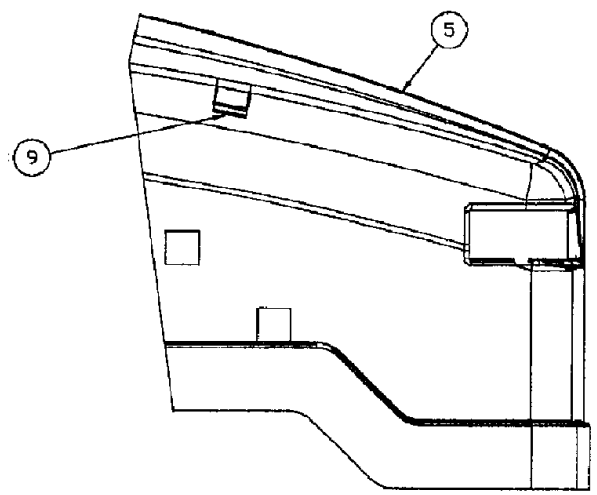
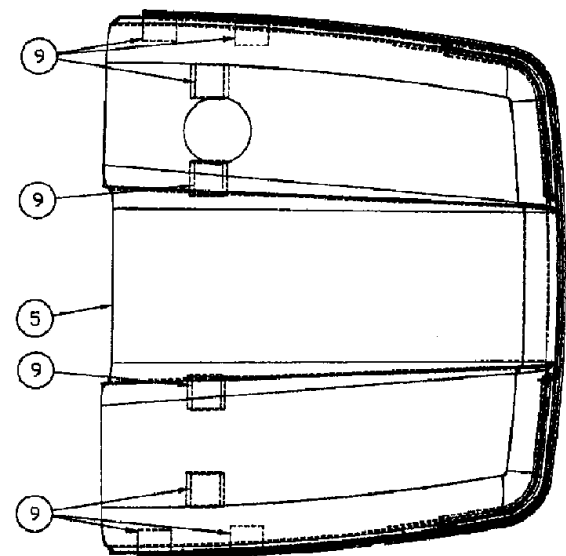
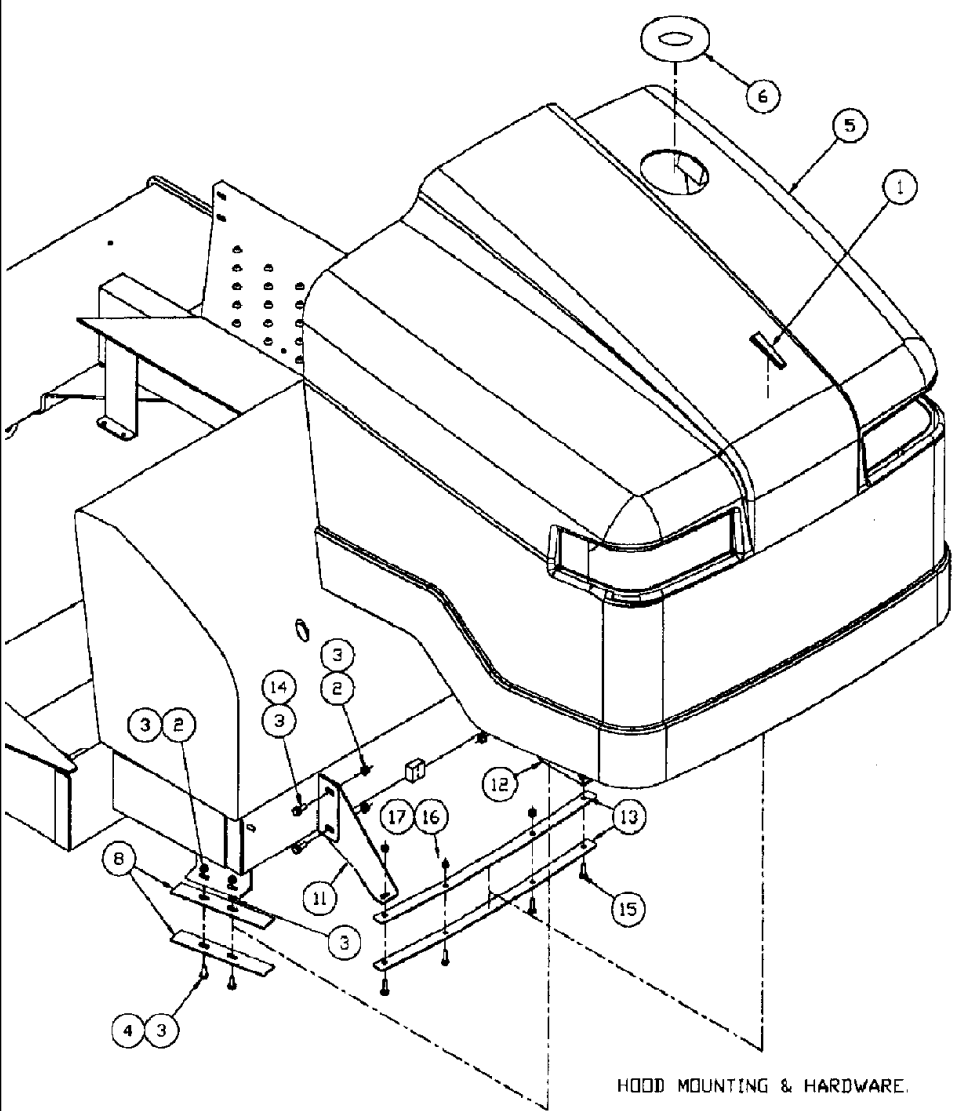
сылка	Номер детали	Кол-во	Описание
1	BN50282	6	BOLT, hex head, 1/2-13 x 1, 5, PL
2	BN50778	6	NUT, LOCK, 1/2-13 CTR, 5, PL
3	BN66275	1	SUPPORT, WELDMENT, LH cradle
4	BN66392	1	SUPPORT, WELDMENT, RH cradle
5	231-4148	4	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
6	413-848	4	BOLT, Hex, 1/2"-13 x 3", G5, hex head, 1/2-13 x 3, 5, PL
7	BN50056	16	NUT, whiz lock, 5/16-18
8	BN50014	16	BOLT, 5/16-18 x .75, EH
9	BN25527	14	LINER, LINER nylatron .187 x 7 x 40
10	BN303473	2	LINER, LINER nylatron w/notch
11	BN24465	1	CRADLE, WELDMENT cradle, RH, 75' boom
	BN66528	1	SUPPORT, WELDMENT cradle, RH, 90' boom, shown
12	BN24464	1	SUPPORT, WELDMENT cradle, LH, 75' boom
	BN66596	1	SUPPORT, WELDMENT cradle, LH, 90' boom, shown
15	BN25394	1	PLATFORM ASSY., DECK spherical tank, 14GA HRS, 11.5 x 44.0, shown
	BN24158	1	LOAD DECK, DECK elliptical tank with top flange, 14GA HRS, 13 x 44
16	BN50142	12	WASHER, 5/16, FLT, SS
17	BN50230	6	BOLT, hex head, 5/16-18 x .75, 5, PL
18	BN68210	6	LOCKNUT, 5/16-18, CTR, SS
19	BN25822	1	GUIDE, GUIDE, RH hose roller weld, used on LH for low profile
20	BN25823	1	GUIDE, GUIDE, LH hose roller weld, used on RH for low profile
21	413-816	4	BOLT, Hex, 1/2"-13 x 1", G5, Full Thd, hex head, 1/2-13 x 1, 5, PL
22	231-4148	4	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
23	BN303902	2	SOFT TRIM, TRIM edge- 9 3/4"
24	BN303903	1	SOFT TRIM, TRIM edge- 6 3/4"
25	BN325456	1	FRAME, WELDMENT frame



PM144

## 04-004 SUSPENSION &amp; FRAME - MIRRORS, TOOLBOX, SIGNAL LIGHT

сылка	Номер детали	Кол-во	Описание
1	BN50051	4	NUT, whiz, 1/4", 20 UNC
3	BN50137	8	WASHER, flat plated, 1/4
15	BN50061	2	NUT, whiz lock, 3/8-16 UNC
16	BN50254	5	BOLT, hex head, 3/8-16 x 1, SS
29	413-410	4	BOLT, Hex, 1/4"-20 x 5/8", G5, Full Thd,
30	BN68536	1	BRACKET, SUPPORTING, MOUNT tool box
31	BN68653	1	BOX, TOOL, ASSEMBLY
32	BN50056	2	NUT, whiz lock, 5/16-18
33	BN50131	4	NUT, LOCK, 3/8-16, CTR, PL
34	BN50232	1	BOLT, hex head, 5/16-18 x 1, SS
35	BN50476	1	BOLT, hex head, 5/16-18 x .75 SS
36	BN63850	1	MIRROR, convex, black, 8"
37	BN63851	1	MIRROR, black, 7.5 x 10.5
38	BN306477	1	CLAMP, MOUNT mirror for 3/4" shaft
39	BN68252	1	MIRROR, WELDMENT arm
40	BN50726	4	BOLT, hex head, 5/8-18 x 2, 5, PL
41	BN66129	2	LAMP, TAIL, LIGHT tail/stop, red 12V
	BN300875	2	BULB, 12V
	BN300871	2	LENS, LENS red
	BN300881	2	CAP, LENS black
42	BN68843	2	BRACKET, SUPPORTING, MOUNT tail light
43	BN66130	2	SIGNAL, LIGHT amber flash 12V
	BN300874	2	BULB, BULB 12V
	BN300878	2	LENS, LENS amber
	BN300881	2	CAP, LENS black

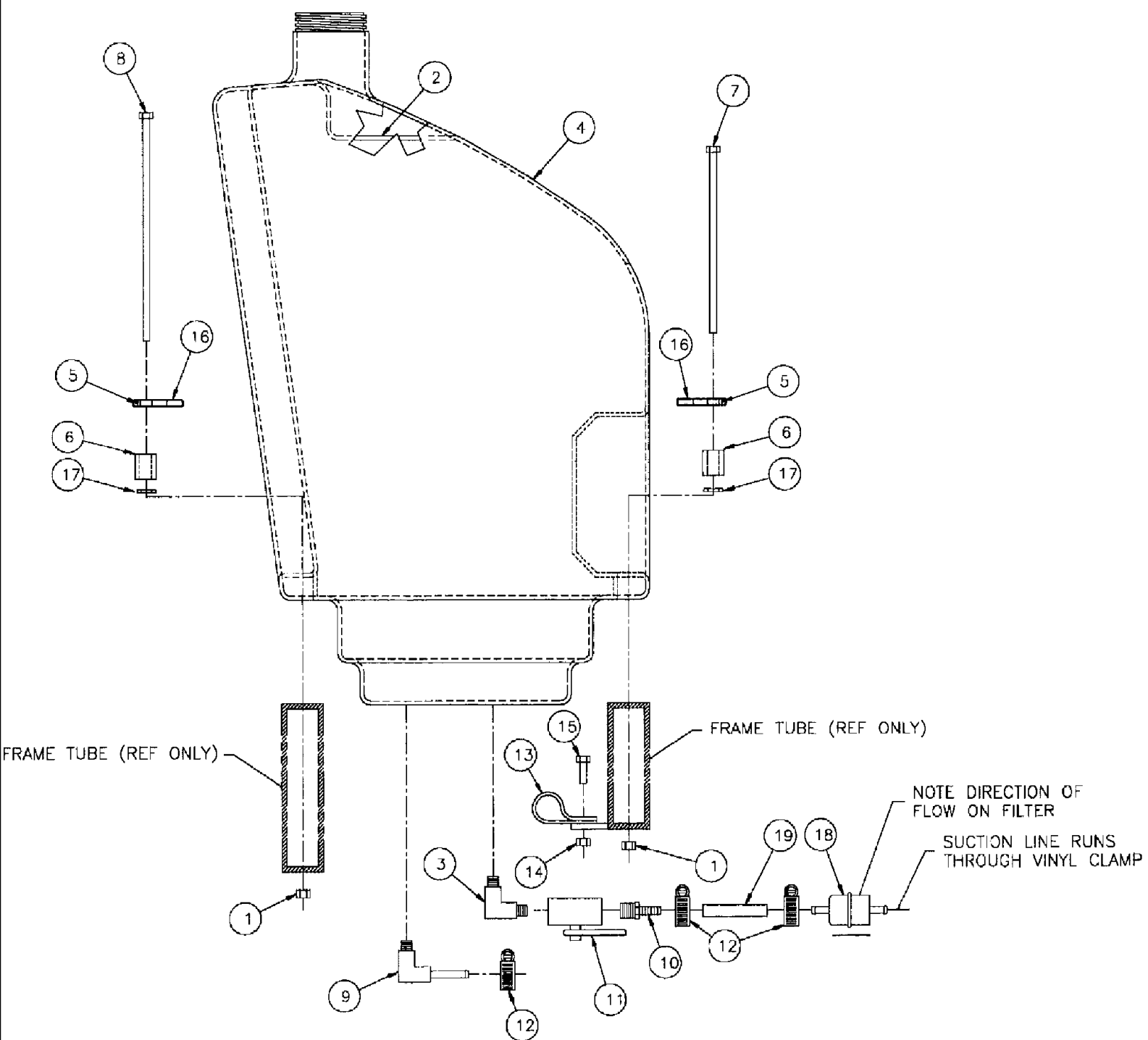


BN316994

## 04-006 SUSPENSION &amp; FRAME - HOOD, FUEL TANK GROUP

сылка	Номер детали	Кол-во	Описание
1	1968108C2	1	GUIDE, TRIM hood sight
2	832-46410	8	NUT, LOCK, M10 x 1.5, CI 8,
3	BN300499	18	WASHER, M10, FW, 10.9
4	814-10045	4	BOLT, Hex, M10 x 45, 8.8, hex head, M10 1.5 x 45, 8.8
5	BN315078	1	HOOD, fuel tank 3200B
6	BN316498	1	GROMMET, hood
8	BN319318	4	PLATE, PLATE stress relief
9	86986299	8	FOAM, FOAM, hood side sup, 3XXX
11	BN321204	1	SUPPORT, SUPPORT, hood - R.H.
12	BN321205	1	SUPPORT, SUPPORT, hood - L.H.
13	BN311771	2	PLATE, front mount
14	614-10025	4	BOLT, Hex, M10 x 25, 8.8, Full Thd,
15	811-8030	4	BOLT, CARRIAGE, Short NK, M8 x 30, CI8.8, Full Thd,
16	832-46408	4	NUT, LOCK, M8 x 1.25, CI 8,
17	895-11008	4	WASHER, M8 x 16 x 1.6,

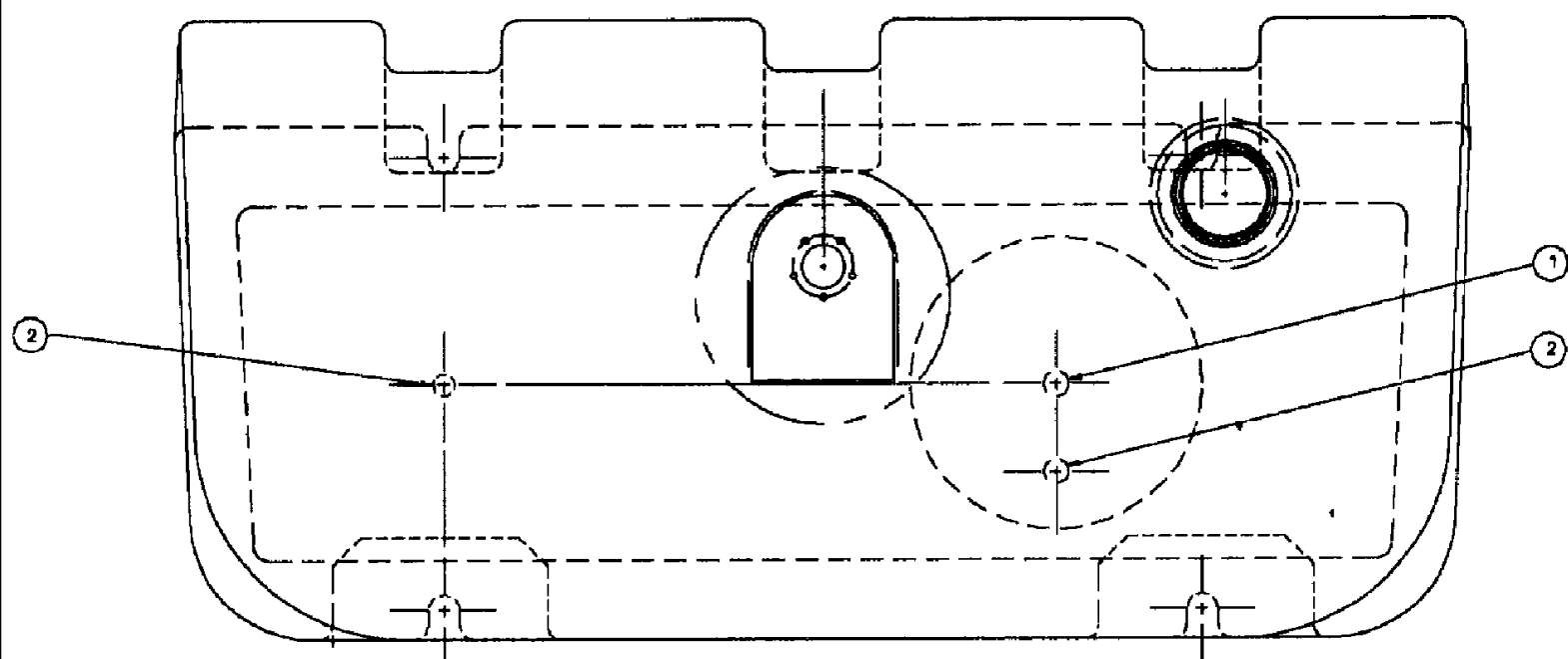
Complete Part # BN316994 (Ref Only)



## 04-008 SUSPENSION &amp; FRAME - FUEL TANK GROUP

сылка	Номер детали	Кол-во	Описание
1	231-4148	4	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
2	BN66125	1	SENDER UNIT, fuel, 12V, 25"
3	BN52300	1	ELBOW, 90 deg., 1/4-18 NPT
4		1	TANK fuel, see Figure 04-011
5	BN67652	4	WASHER, FLAT, tank hold down
6	BN67653	4	TANK, TB, RD, bushing
7	413-8136	2	BOLT, Hex, 1/2"-13 x 8 1/2", G5, hex head, 1/2-13 x 8.5, G5
8	413-8168	2	BOLT, Hex, 1/2"-13 x 10 1/2", G5, hex head, 1/2-13 x 10.5, G5
9	217-132	1	ELBOW, 90e, 3/8" Hose x 1/4" NPTF Beaded, HOSEBARB, 1/4 MPT x 3/8 x 90 DEG
10	BN72017	1	HOSE, HOSEBARB, 1/4 NPTM x 3/8 STL
11	BN94071	1	VALVE, bronze ball, 1/4NPT
12	BN76094	3	CLAMP, HOSE, #M4
13	BN41770	1	CLAMP, covered, 3/4"
14	231-4146	1	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB
15	BN50254	1	BOLT, hex head, 3/8-16 x 1, SS
16	BN320693	4	SLEEVE nylon, 4" w/hole
17	BN50595	4	WASHER, 1/2, FW, SS
18	D139225	1	FILTER, FUEL, barbs, 3/8"
19	BN317990	1	HOSE, fuel, 3/8" x 3"

Complete Part # BN3218764 (Ref Only)

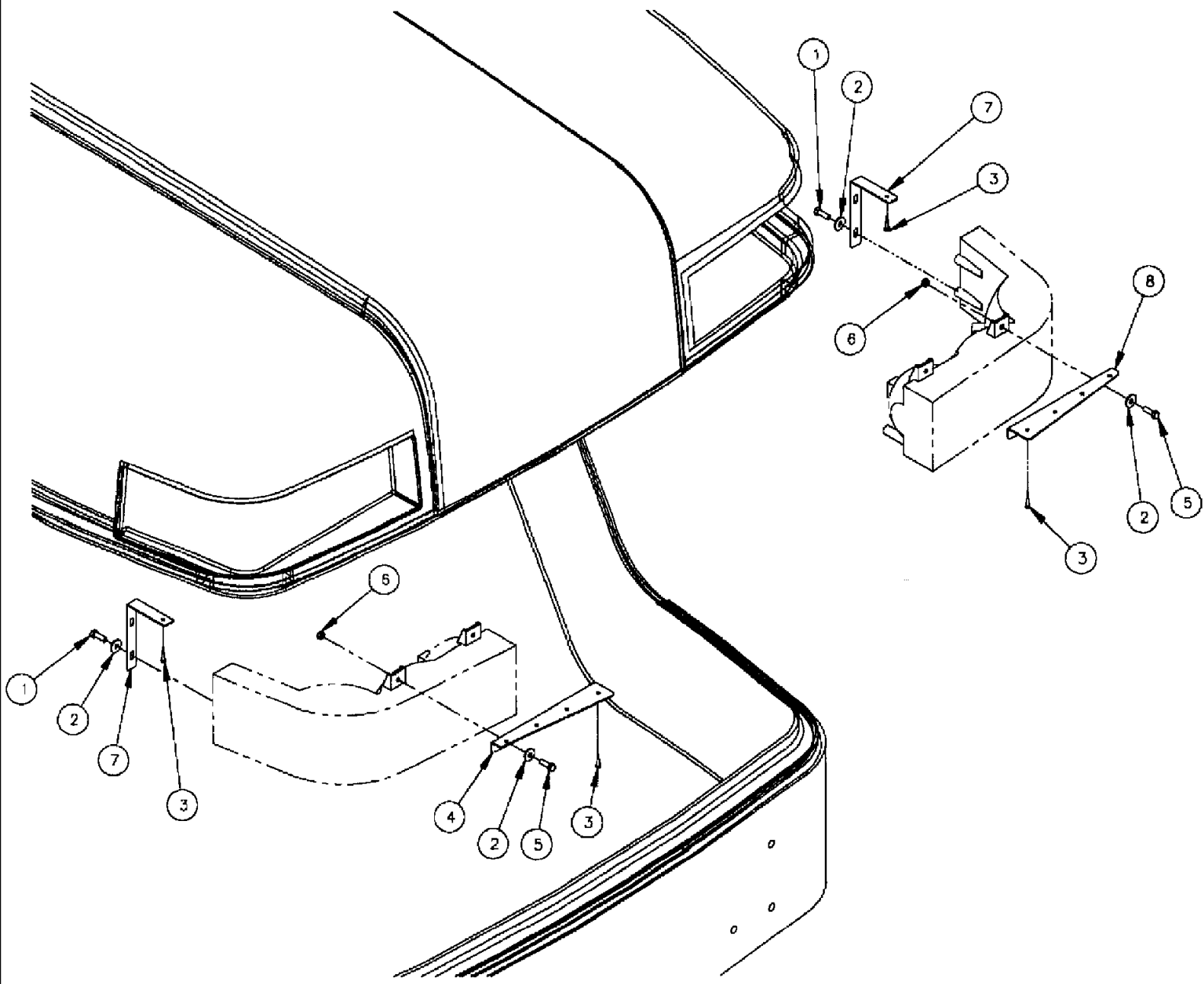


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## 04-010 SUSPENSION &amp; FRAME - FUEL TANK

сылка	Номер детали	Кол-во	Описание
1	BN306081	1	KIT, REPAIR, ASSEMBLY long tank fitting
	BN68499	1	NUT, NUT, LH thread, fuel fitting
	BN300604	1	FITTING, FITTING fuel, long brass
	BN68501	1	O-RING, O-RING fuel fitting
2	BN306082	1	FITTING, ASSEMBLY short tank
	BN68499	1	NUT, NUT, LH thread, fuel fitting
	BN68500	1	FITTING, FITTING fuel, short brass
	BN68501	1	O-RING, O-RING fuel fitting
3	BN68502	1	CAP, FUEL, LOCKABLE, vented "diesel"



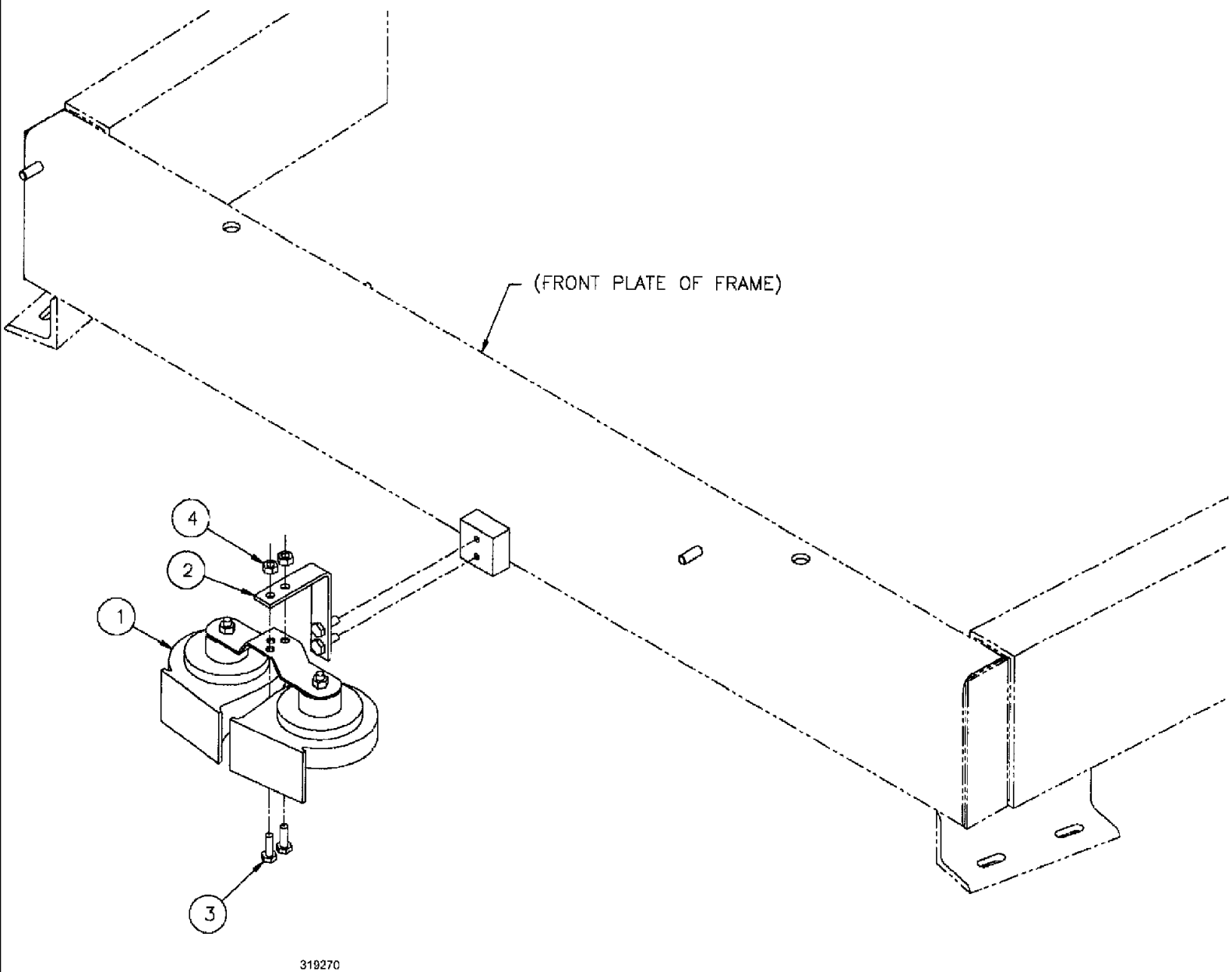
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SPX3185 PATRIOT SPRAYER (10/02- )

04-012 SUSPENSION & FRAME - HEADLIGHT MOUNT GROUP

сылка	Номер детали	Кол-во	Описание
1	614-6012	4	BOLT, Hex, M6 x 12, 8.8,
2	BN300496	8	WASHER, M6, FW, 10.9
3	BN303821	10	RIVET, steel, .18 x .57
4	BN303233	1	MOUNTING PARTS, headlamp, RH
5	814-6030	4	BOLT, Hex, M6 x 30, 8.8, hex head, M6-1 x 30, 8.8
6	832-46406	4	NUT, LOCK, M6 x 1, CI 8,
7	BN303231	2	MOUNTING PARTS, headlamp, back
8	BN303232	1	MOUNTING PARTS, headlamp, LH

Complete Part # BN306487 (Ref Only)

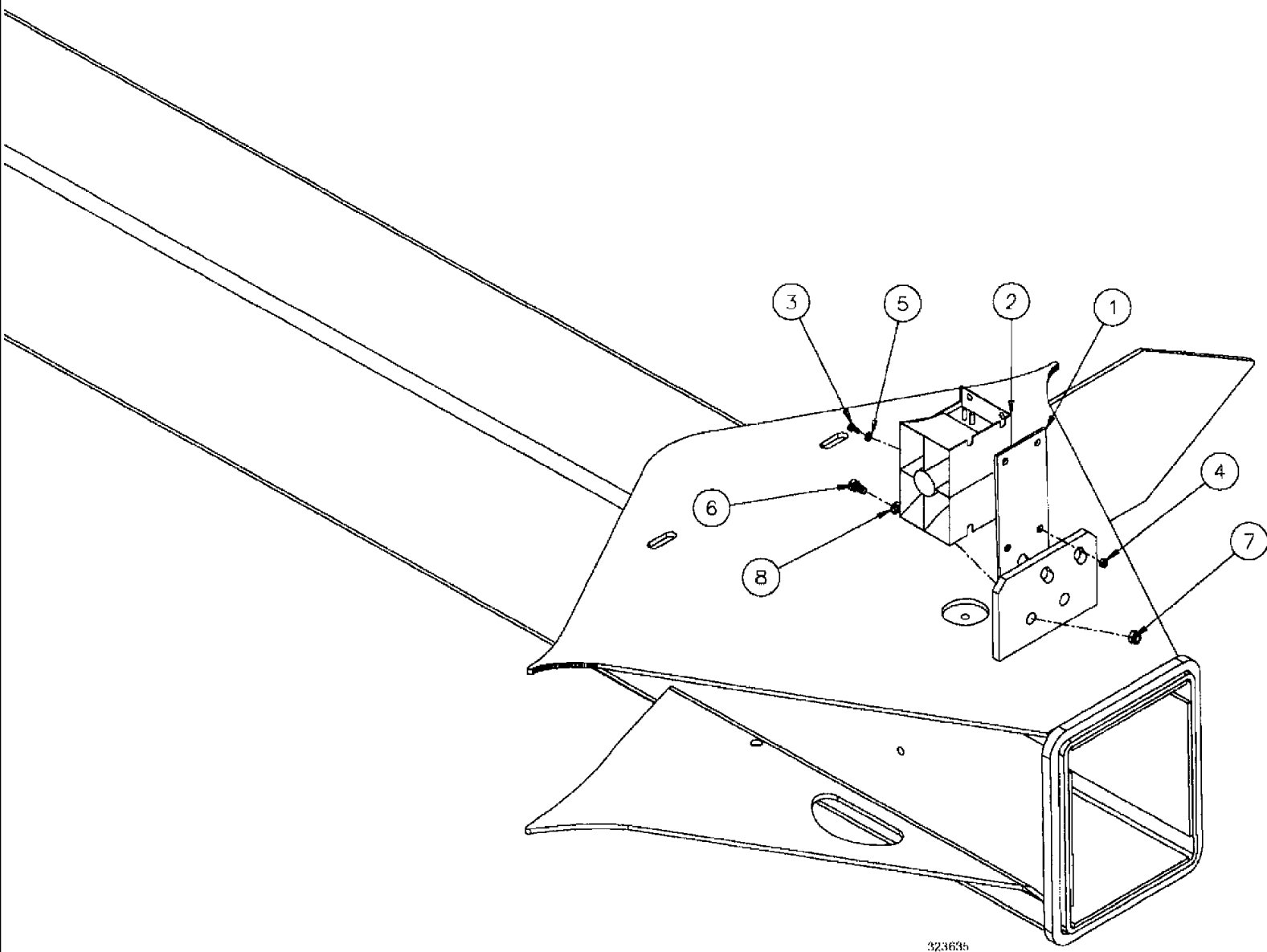


SPX3185 PATRIOT SPRAYER (10/02- )

04-014 SUSPENSION & FRAME - HORN GROUP, DUAL

сылка	Номер детали	Кол-во	Описание
1	BN66051	1	ASSEMBLY dual hi & low horns
2	BN319267	1	HORN, MOUNT, dual
3	413-412	4	BOLT, Hex, 1/4"-20 x 3/4", G5, Full Thd, hex head, 1/4-20 x .75, G5
4	231-4144	2	NUT, LOCK, 1/4"-20, GB,

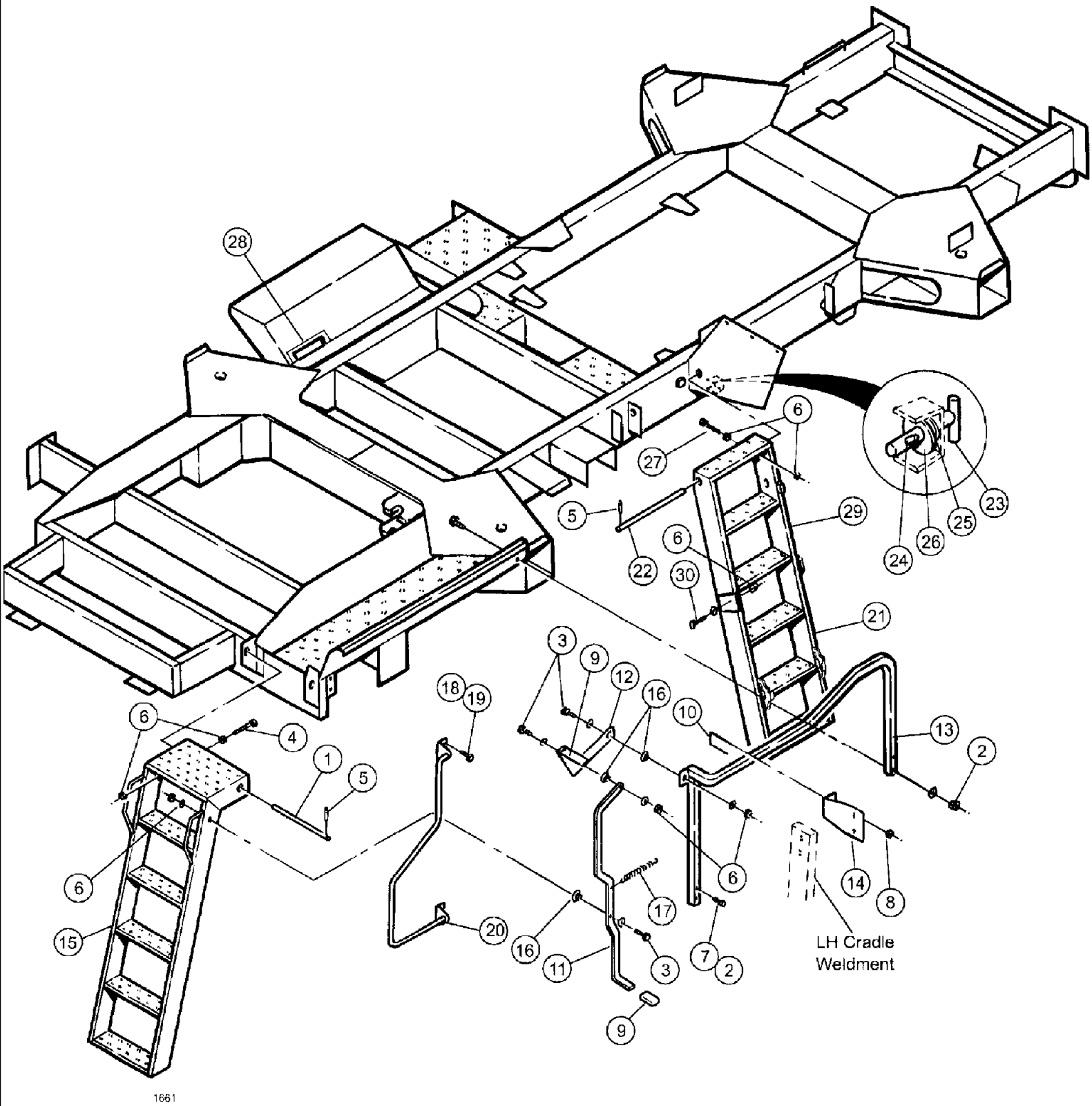
Complete Part # BN319270 (Ref Only)



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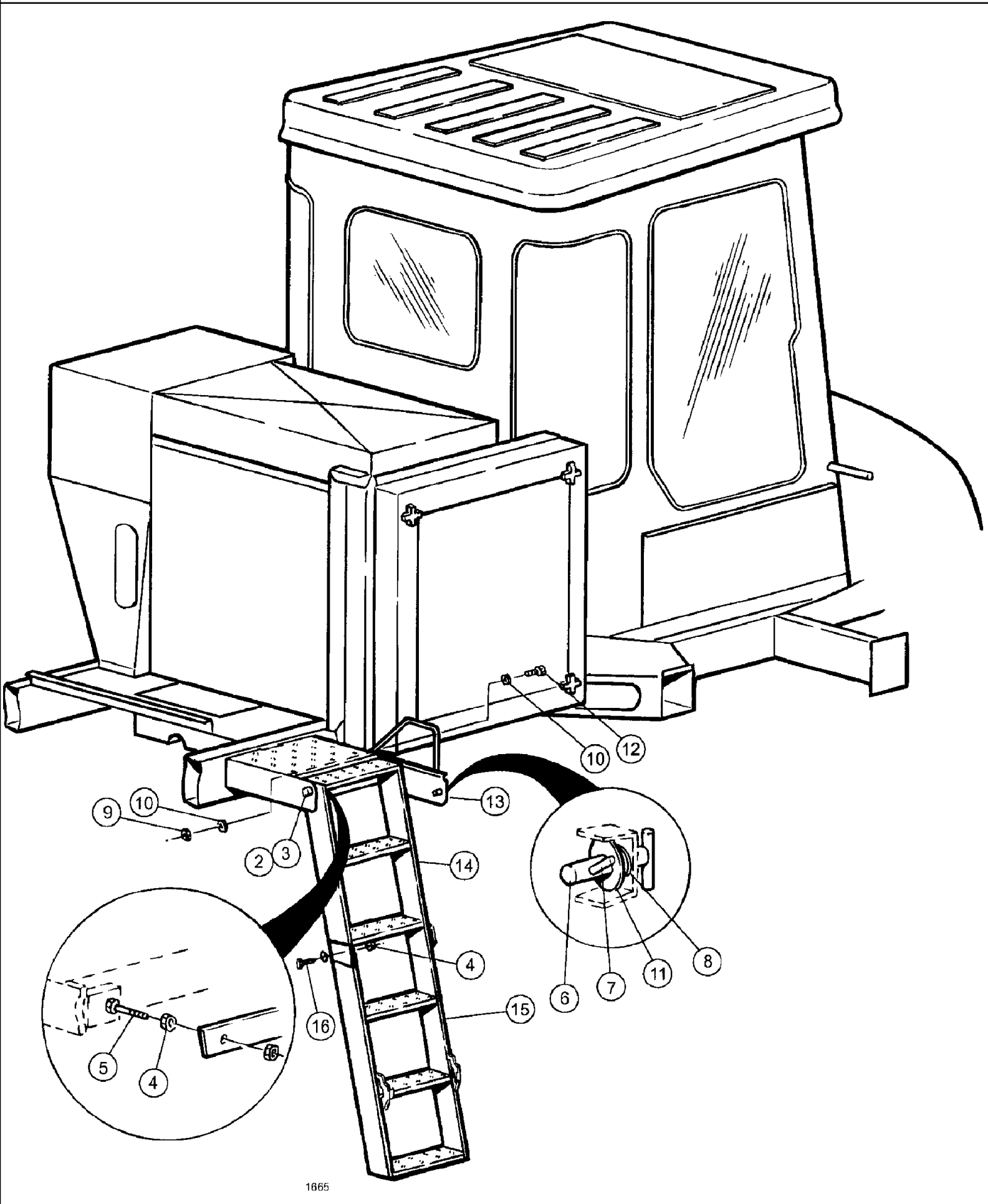
## 04-015 SUSPENSION &amp; FRAME - BACK-UP ALARM GROUP

сылка	Номер детали	Кол-во	Описание
	BN323590	1	HARNESSES, back-up alarm
1	BN323492	1	BRACKET backup alarm
2	110783A1S	1	ALARM, backup
3	614-8030	4	BOLT, Hex, M8 x 30, 8.8,
4	832-46408	4	NUT, LOCK, M8 x 1.25, Cl 8,
5	895-11008	4	WASHER, M8 x 16 x 1.6,
6	413-832	1	BOLT, Hex, 1/2"-13 x 2", G5, hex head, 1/2-13 x 2, G5
7	231-4148	1	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
8	BN300176	1	WASHER, 1/2, FW, G8





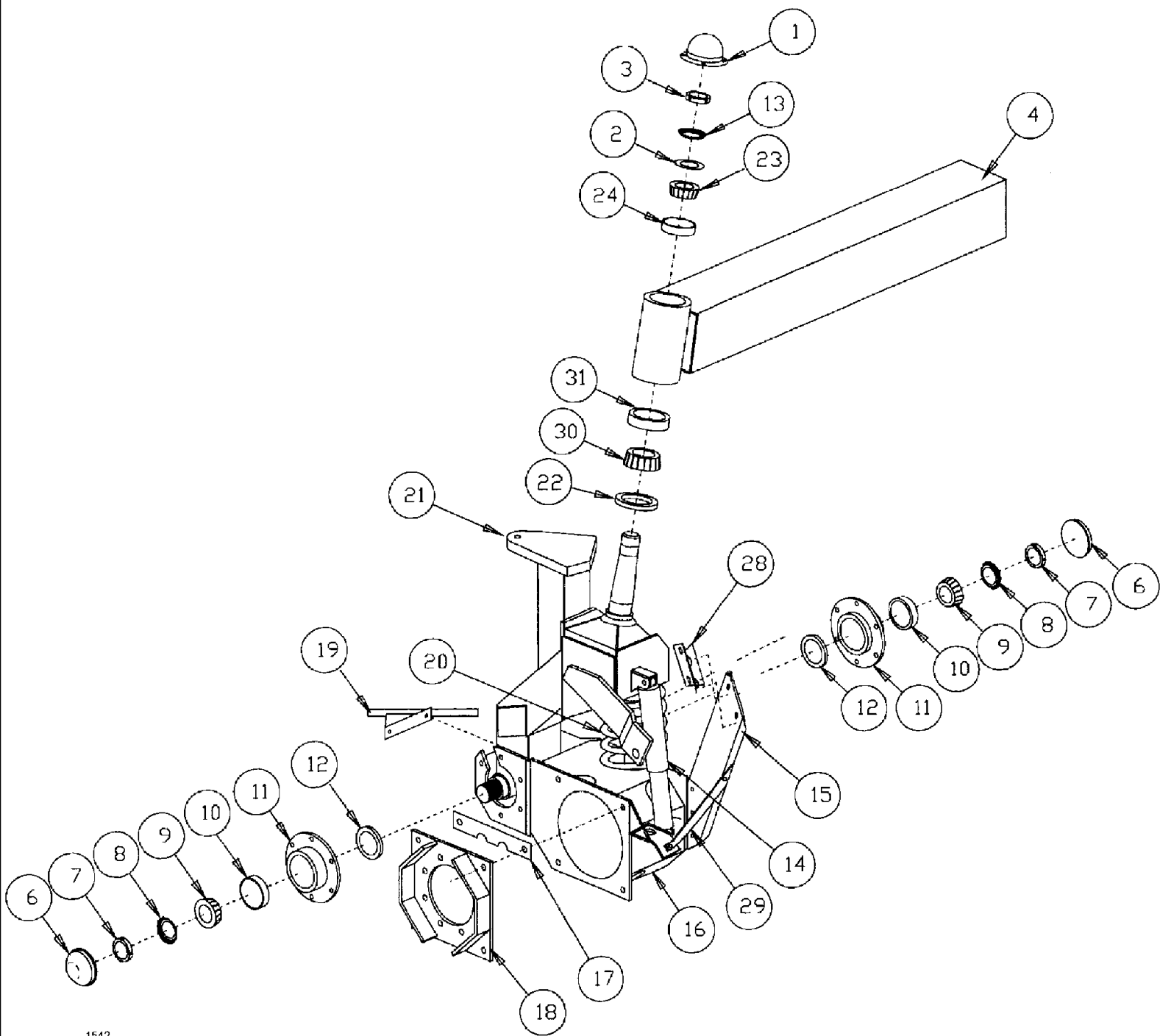
сылка	Номер детали	Кол-во	Описание
1	BN25138	1	PIN, SHAFT, 1", CFRD 1018 x 17.25
2	231-4145	4	NUT, LOCK, 5/16"-18, GB,
3	413-820	3	BOLT, Hex, 1/2"-13 x 1 1/4", G5, Full Thd, hex head, 1/2-13 x 1.25, 5, PL
4	413-828	2	BOLT, Hex, 1/2"-13 x 1 3/4", G5, hex head, 1/2-1 3 x 1.75, 5, PL
5	BN50605	2	PIN, ROLL, 7/32 x 1-1/2
6	231-4148	13	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
7	413-524	4	BOLT, Hex, 5/16"-18 x 1 1/2", G5, hex head, 5/16-18 x 1.5, G5
8	231-4144	2	NUT, LOCK, 1/4"-20, GB,
9	BN67835	2	GRIP, handle
10	BN23149	1	U-BOLT, 1/4 sq bnd, 1.1" ID
11	BN307637	1	HANDLE, LINK ladder lift
12	BN68064	1	LINKAGE, WELDMENT, linkage, upper
13	BN68060	1	RAIL, WELDMENT
14	BN68073	1	BRACKET, rail stiffener
15	BN311242	1	LADDER, weldment (4 channel plus platform)
	BN67829	1	LADDER, LADDER weldment, low profile only, 3 channel plus platform
16	BN68133	6	BUSHING,
17	BN71134	1	SPRING, tension, 1" x 5 "
18	231-4146	4	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB
19	413-612	4	BOLT, Hex, 3/8"-16 x 3/4", G5, Full Thd, hex head, 3/8-16 x 3/4, 5, PL
20	BN67722	1	HANDLE, weldment, grab, front ladder
21	BN312542	1	LADDER, bi-fold, 3 step
	BN63583	1	LADDER, LADDER bi fold, 2 step, low profile only
22	BN24557	1	PIN, 1" CFRD x 18.75
23	BN25257	1	PIN, weldment, side ladder
24	BN31444	1	PIN, ROLL, 1/4 x 1-1/2
25	BN31937	1	SPRING, compr, .905 x .765, 2
26	BN50157	1	WASHER, flat plated, 3/4
27	413-832	2	BOLT, Hex, 1/2"-13 x 2", G5, hex head, 1/2-13 x 2, 5, PL
28	BN24151	1	SEAL clip on, 12.5 "
29	BN63582	1	LADDER, bi-fold top weldment
30	413-836	2	BOLT, Hex, 1/2"-13 x 2 1/4", G5, hex head, 1/2-13 x 2.25, G5



Complete Part # BN312541 (Ladder), BN24964 (Latch) (Ref Only) Complete Part # BN24980 (Ladder), BN24964 (Latch) (LOW PROFILE) (Ref Only)

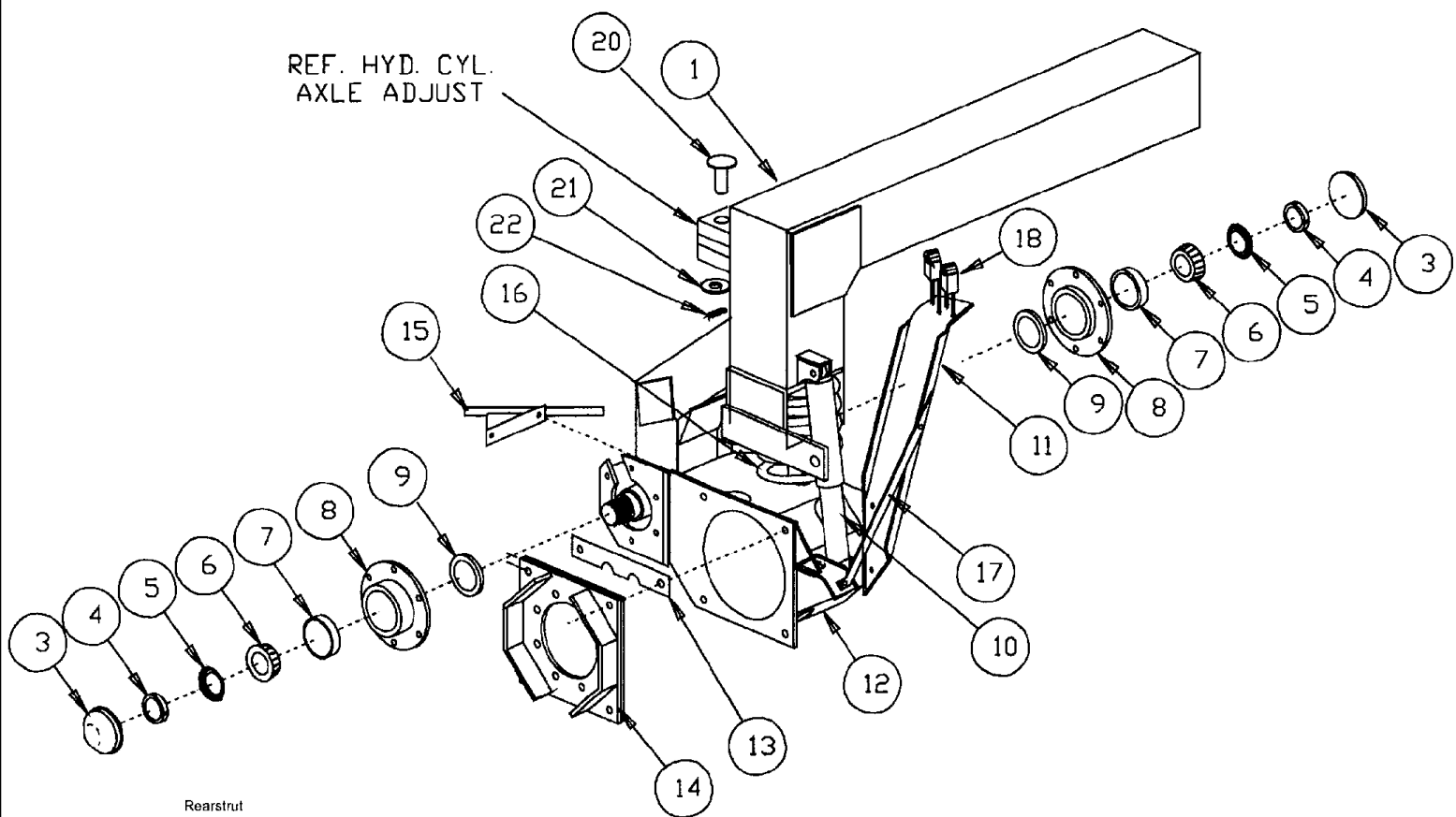
сылка	Номер детали	Кол-во	Описание
2	BN25138	1	PIN, SHAFT, 1", CFRD 1018 x 17.25
3	BN50605	1	PIN, ROLL, 7/32 x 1-1/2
4	231-4148	6	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
5	413-844	2	BOLT, Hex, 1/2"-13 x 2 3/4", G5,
6	BN25257	1	PIN, weldment side ladder
7	BN31444	1	PIN, ROLL, 1/4 x 1-1/2, Roll pin #7 must be in second hole to engage ladder stop.
8	BN31937	1	SPRING, compr .905 x .765, 2
9	231-4146	4	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB
10	BN50145	4	WASHER, plated flat, 3/8
11	BN50157	1	WASHER, plated flat, 3/4
12	413-616	4	BOLT, Hex, 3/8"-16 x 1", G5, Full Thd, hex head, 3/8-16 x 1, 5, PL
13	BN63581	1	LATCH ASSY., weldment ladder
14	BN63582	1	LADDER, bi-fold top weldment
15	BN312542	1	LADDER, bi-fold, 3 step
	BN63583	1	LADDER, LADDER bi-fold, 2 step, low profile only
16	413-836	2	BOLT, Hex, 1/2"-13 x 2 1/4", G5, hex head, 1/2-13 x 2.25, 5, PL

04-020 SUSPENSION & FRAME - STRUT ASSEMBLY - FRONT



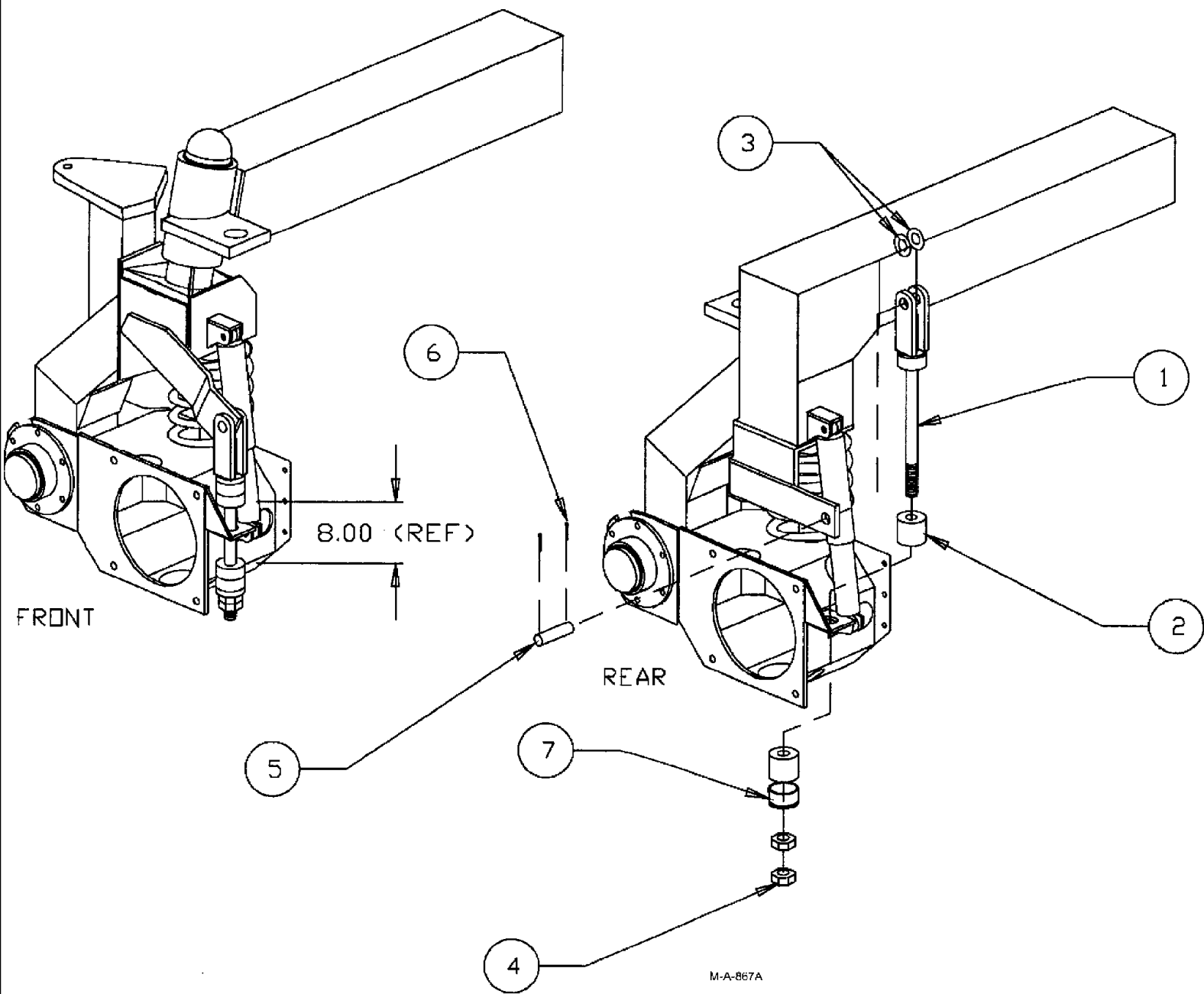
## 04-020 SUSPENSION &amp; FRAME - STRUT ASSEMBLY - FRONT

сылка	Номер детали	Кол-во	Описание
1	BN89874	2	DUST CAP, CAP dust
2	BN66209	2	WASHER, WASHER
3	BN58124	2	NUT, LOCK, NUT
4	BN68946	1	AXLE, AXLE, LH, shown
	BN68947	1	AXLE, AXLE, RH
	BN303548	1	AXLE, AXLE, LH, low profile
	BN303470	1	AXLE, AXLE, RH, low profile
6	BN80442	4	DUST CAP, CAP dust, w/drill & tap
7	BN80443	4	NUT, LOCK, NUT
8	BN80444	4	WASHER, WASHER
9	BN31073	4	BEARING, CONE, BEARING
10	BN31232	4	BEARING, CUP, RACE, Part of Retainer, P/N BN29071
11	BN29071	4	HUB, RETAINER, Includes: Ref. 10
	BN29058		UAR SHIM, SHIM retainer
12	BN31074	4	GREASE, SEAL
13	BN58125	2	WASHER, WASHER
14	BN27333	2	SET, PKG. shock, bushing, bolt, nut
15	BN65573	1	BRACKET, SUPPORT, LH, shown
	BN65574	1	BRACKET, SUPPORT, RH
16	BN66423	1	BRACKET, HOUSING, LH, shown
	BN66422	1	FRAME, HOUSING, RH
17	BN67444	4	SHIM, SHIM
18	BN66291	2	BRACKET, PLATE weldment
	BN52320	8	BOLT, BOLT, 5/8" x 2.25" GR. 8
	BN50775	8	NUT, center lock, 5/8"
	BN50080	8	NUT, hex, 5/8-18, GR. 8
19	BN29690	2	DEFLECTOR, DEFLECTOR
20	BN322212	2	SPRING, COIL, ctrless grnd
	BN24261	4	RETAINER, SPRING retainer
21	BN323922	1	STRUT, STRUT, LH, low profile
	BN323921	1	FRAME, STRUT, RH, low profile
22	BN89877	2	SEAL, SEAL
23	BN52025	2	BEARING, BEARING
24	BN52024	2	RACE, RACE
28	BN63919	2	PLATE, MOUNTING, MOUNT hyd hose
29	BN65577	1	BRACKET, BRACE, LH, shown
	BN65576	1	SUPPORT, BRACE, RH
30	BN89876	2	BEARING, BEARING
31	BN89875	2	RACE, RACE



## 04-022 SUSPENSION &amp; FRAME - STRUT ASSEMBLY - REAR

сылка	Номер детали	Кол-во	Описание
1	BN323924	1	STRUT, STRUT, LH, low profile
	BN323923	1	STRUT, STRUT, RH, low profile
3	BN80442	4	DUST CAP, CAP dust, w/drill & tap dust
4	BN80443	4	NUT, LOCK, NUT
5	BN80444	4	WASHER, WASHER
6	BN31073	4	BEARING, CONE, BEARING
7	BN31232	4	BEARING, CUP, RACE, Part of Ref. 8, P/N BN29071
8	BN29071	4	HUB, RETAINER, Includes: Ref.7
	BN29058		UAR SHIM, SHIM retainer
9	BN31074	4	GREASE, SEAL
10	BN27333	2	SET, PKG. shock, bushing, bolt, nut
11	BN65571	1	SUPPORT, SUPPORT, LH, shown
	BN65572	1	SUPPORT, SUPPORT, RH
	BN63923	1	SUPPORT, SUPPORT, RH, low profile
	BN63924	1	SUPPORT, SUPPORT, RH, low profile
12	BN66421	1	HOUSING, HOUSING, RH, shown
	BN66420	1	HOUSING, HOUSING, RH
13	BN67444	4	SHIM, SHIM
14	BN66291	2	BRACKET, PLATE
	BN52320	8	BOLT, BOLT 5/8" x 2.25" GR. 8
	BN50775	8	NUT, center lock, 5/8"
	BN50080	8	NUT, hex, 5/8"-18, GR. 8
15	BN29690	2	DEFLECTOR, DEFLECTOR
16	BN322212	2	SPRING, COIL, ctrless grnd
	BN24261	4	RETAINER, SPRING retainer
17	BN65576	1	SUPPORT, BRACE, RH, shown
	BN65577	1	BRACKET, BRACE, LH
18	BN57235	4	CLAMP, ASSEMBLY
20	BN23177	2	PIN, HEADED, wldmt, 1.0 dia. x 2.5
21	BN50161	2	WASHER, plated flat, 1"
22	BN50601	2	PIN, SPLIT (COTTER), 3/16 x 2"

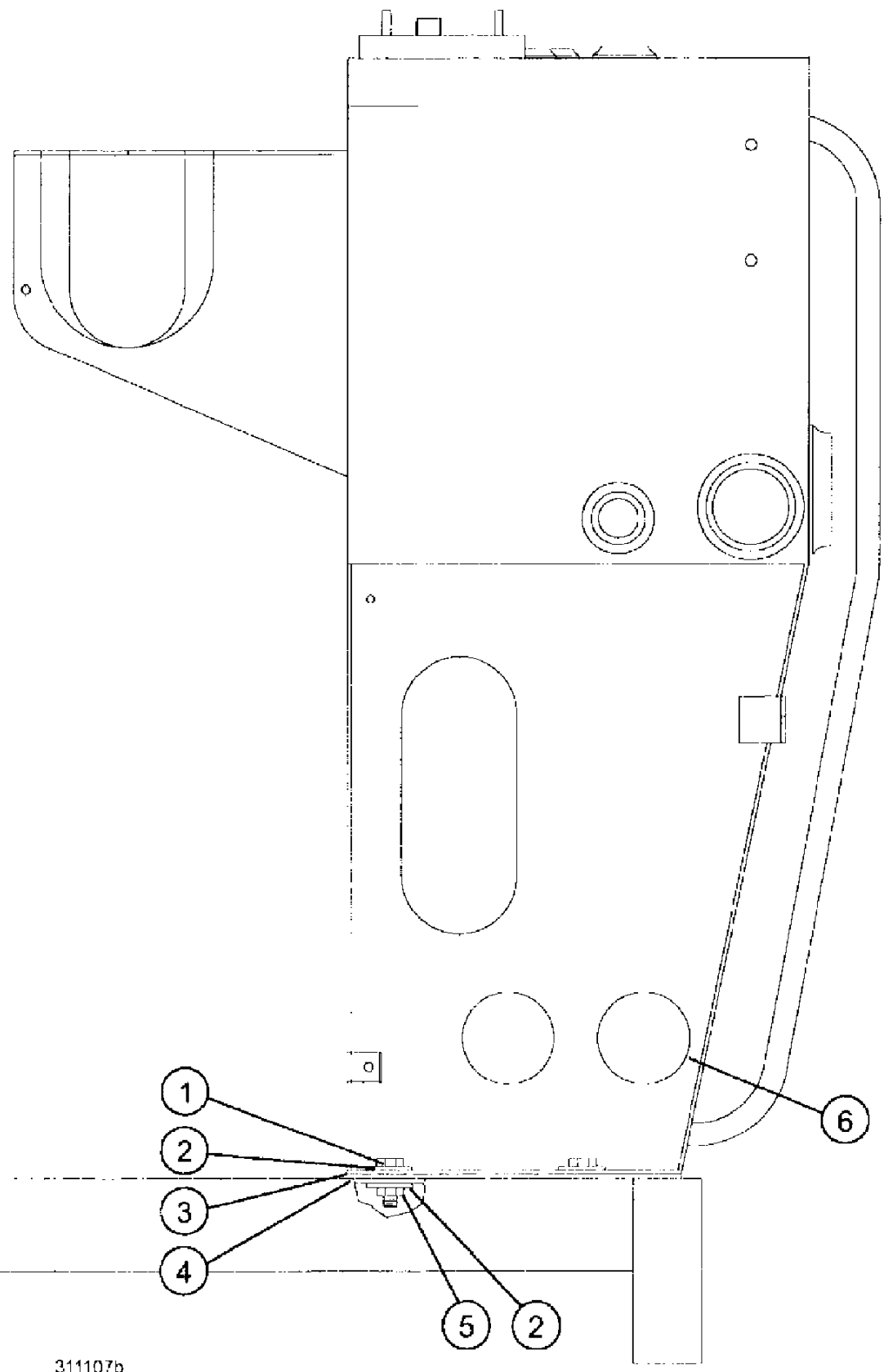




SPX3185 PATRIOT SPRAYER (10/02- )

04-024 SUSPENSION & FRAME - SHOCK LIMITER ASSEMBLY

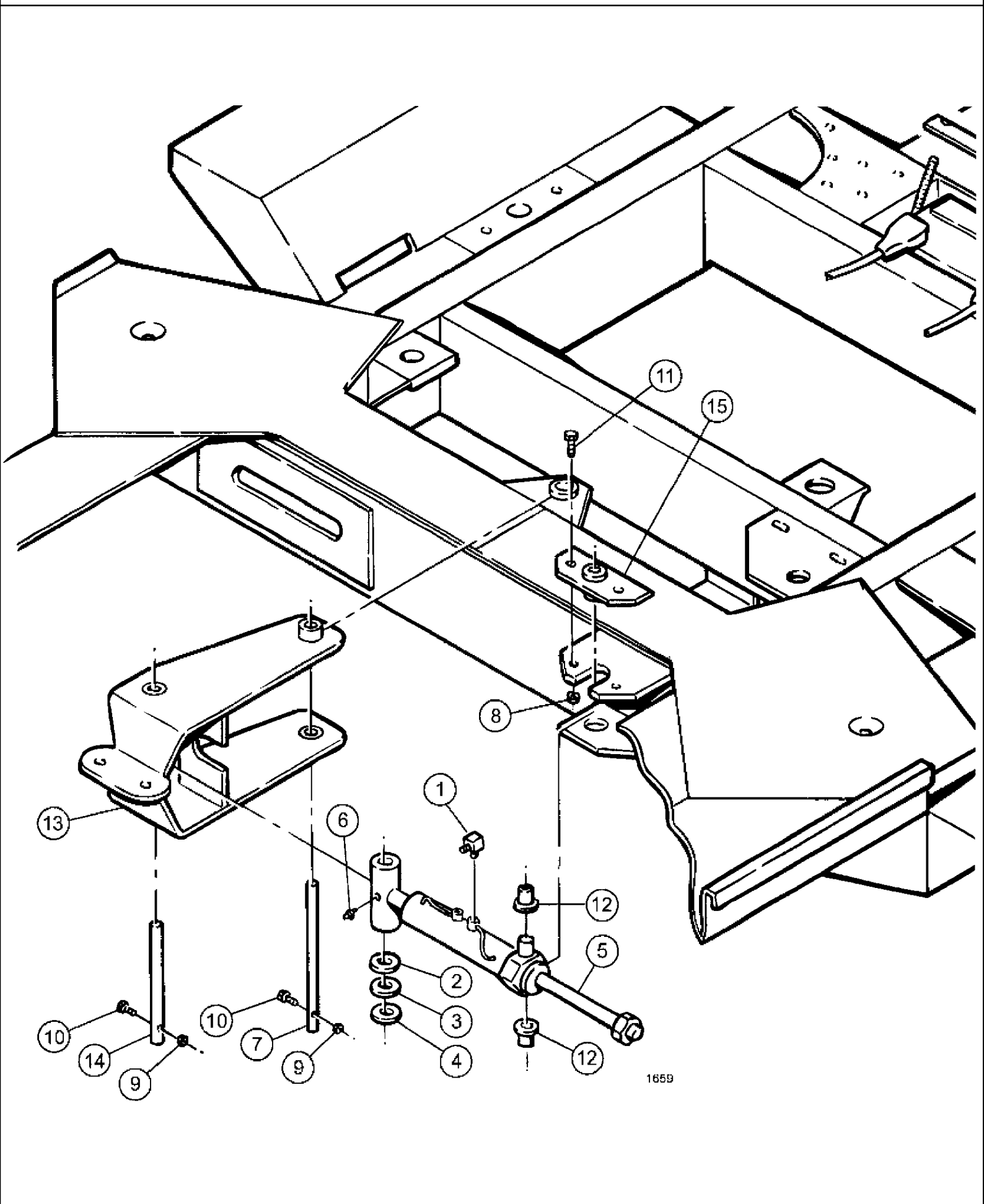
сылка	Номер детали	Кол-во	Описание
1	BN300931	4	SHOCK ABSORBER, STOP weldment
2	BN27238	8	GROMMET, CUSHION urethane
3	BN50161	8	WASHER, flat, 1"
4	BN50960	8	NUT, jam, 1"
5	BN27229	4	PIN, PIN
6	BN50601	8	PIN, SPLIT (COTTER),
7	BN300277	4	RETAINER, RETAINER weldment



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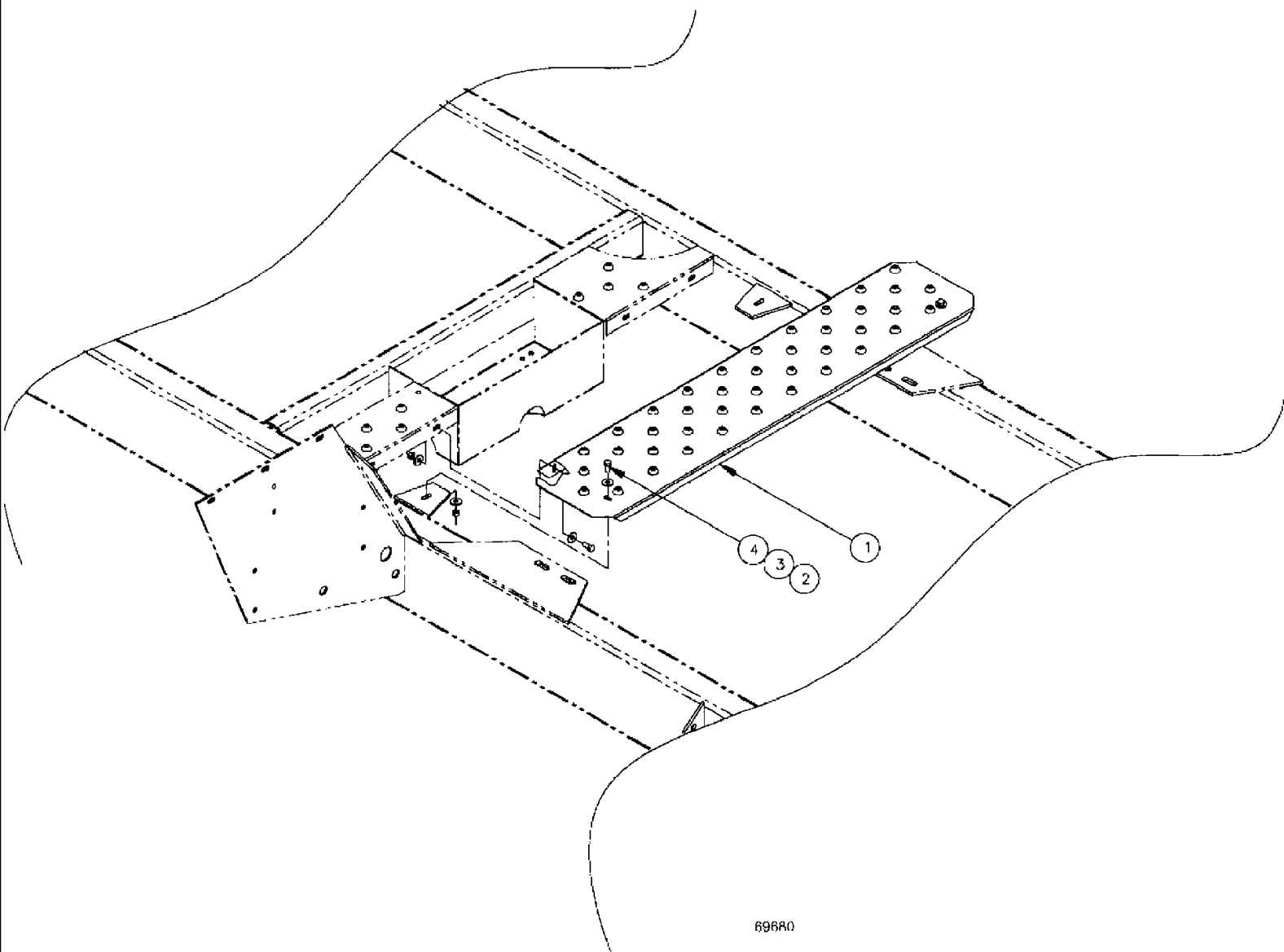
## 04-025 SUSPENSION &amp; FRAME - OIL TANK MOUNTING

сылка	Номер детали	Кол-во	Описание
*1	326-836	4	BOLT, Hex, 1/2"-13 x 2 1/4", G8,
2	BN300176	8	WASHER, flat, 1/2, GR 8
3	BN300172	2	PLATE,
4	BN310999	2	PLATE spacer
5	BN50998	4	NUT, LOCK, 1/2-13 top, 8, PL
6	BN303901	1	TRIM edge 13"
NS		1	HOSE, 1.25" suction x 35", see page 6-4
NS		1	HOSE, 1.25" suction x 30", see page6-4
NS		1	HOSE, 1.5" suction x 66", see page 6-4



## 04-026 SUSPENSION &amp; FRAME - STEERING ARM ASSEMBLY

сылка	Номер детали	Кол-во	Описание
1	BN21401	2	FITTING, ELBOW 90, NPT, 37 deg flare
2	BN65463	2	SLEEVE, MACHINE bushing, 18 GA
3	BN65464	2	SLEEVE, MACHINE bushing, 14 GA
4	BN65465	2	SLEEVE, MACHINE bushing, 10 GA
5		1	CYL. hyd steering, see Figure 07-010
6	BN10465	1	NIPPLE, LUBE, ZERK grease 1/4", 28 STR.
7	BN25516	1	PIN, PIN, 1.03 CFRD x 12.5
8	231-4148	2	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
9	231-4146	2	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB
10	413-636	2	BOLT, Hex, 3/8"-16 x 2 1/4", G5, hex head, 3/8-16 x 2.25, G5
11	BN50894	2	BOLT, hex head, 1/2-13 x 2.5, 5, PL
12	BN63711	2	BEARING ASSY, BEARING flange, plastic, 1"
13	BN69156	1	ARM, ARM wldmt steering, 8" FRM
14	BN63780	1	PIN, PIN, 1.03 dia. CRS x 10
15	BN63790	1	BUSHING, BUSHING wldmt

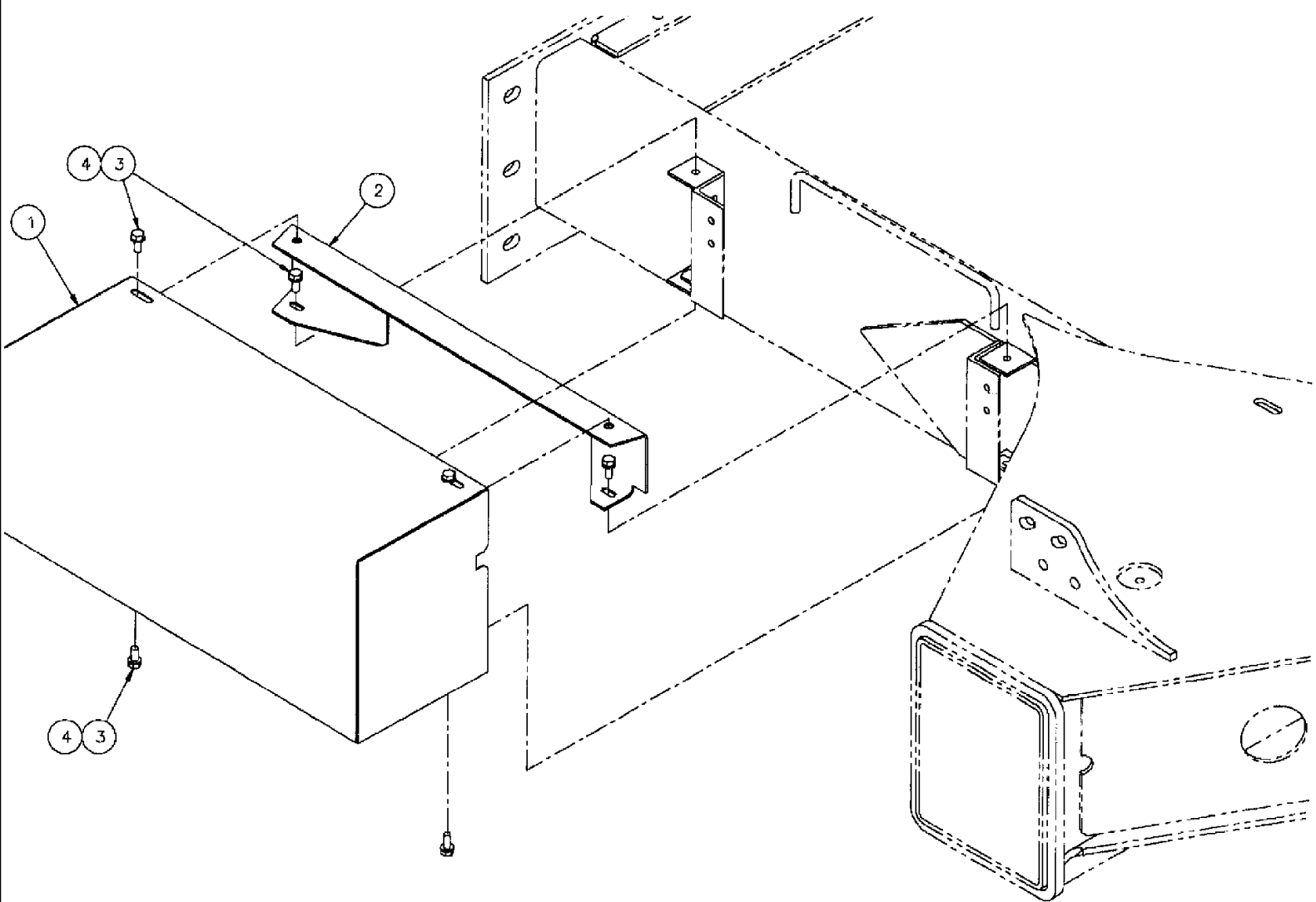


SPX3185 PATRIOT SPRAYER (10/02- )

04-027 SUSPENSION & FRAME - DECK PLATE ASSEMBLY

сылка	Номер детали	Кол-во	Описание
1	BN25394	1	PLATFORM ASSY., DECK 14GA., HRS, 11.5 x 44.0
2	413-512	6	BOLT, Hex, 5/16"-18 x 3/4", G5, Full Thd, hexhead, 5/16-18 x .75, G5
3	BN300399	12	WASHER, 5/16, FW, G8
4	231-4145	6	NUT, LOCK, 5/16"-18, GB,

Complete Part # BN69680 (Ref Only)



319145

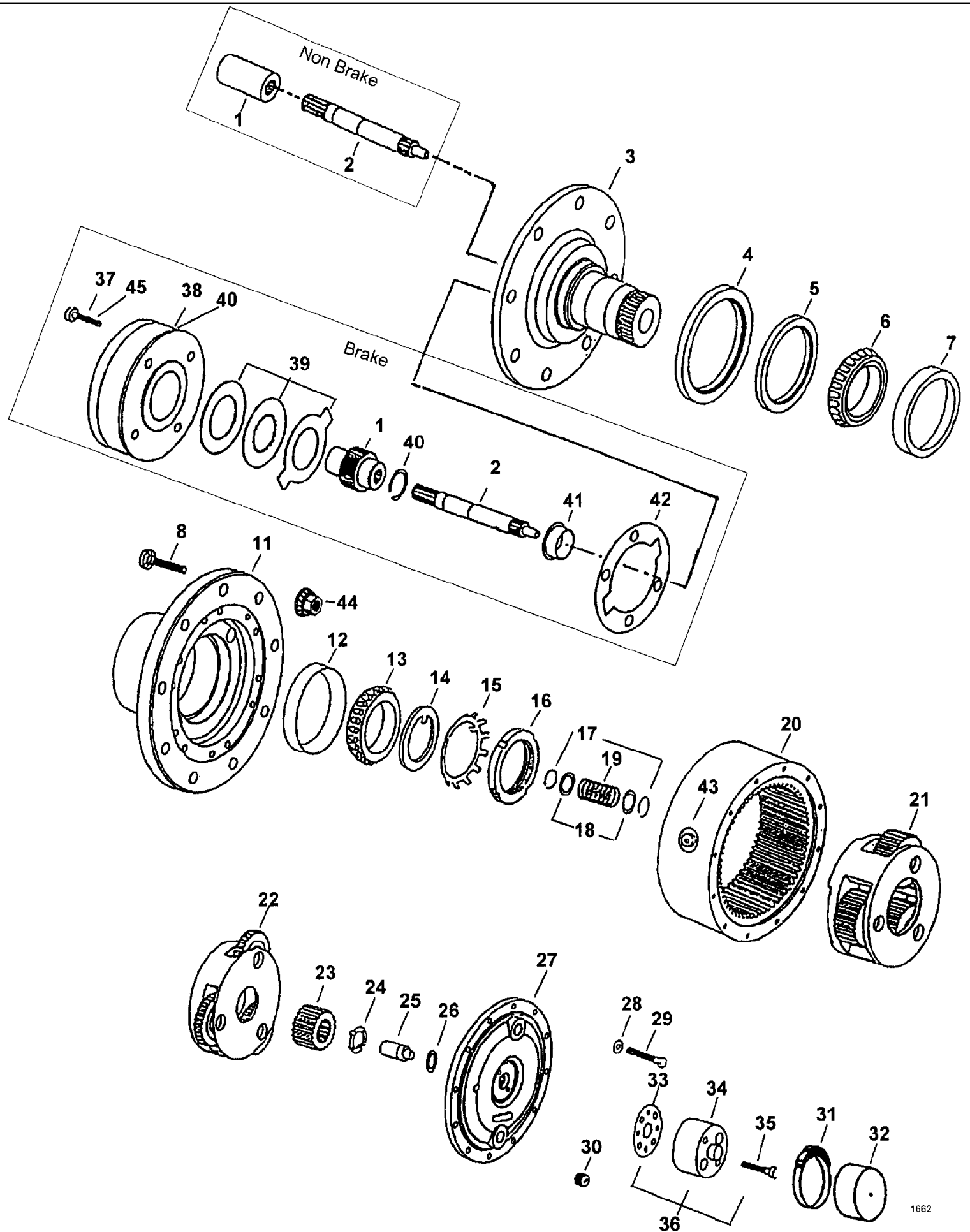


SPX3185 PATRIOT SPRAYER (10/02- )

04-028 SUSPENSION & FRAME - VALVE BANK COVER GROUP

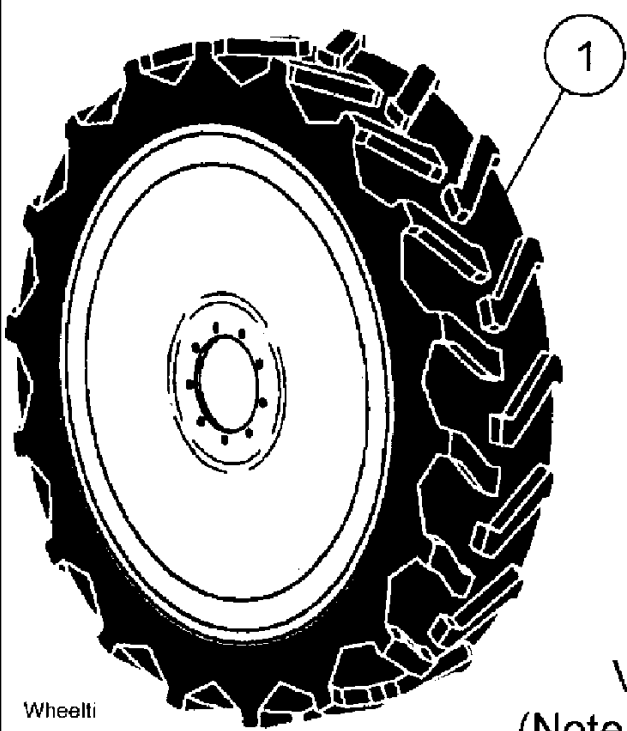
сылка	Номер детали	Кол-во	Описание
1	BN319146	1	SHIELD, SHIELD, valve bank
2	BN319558	1	BRACKET, BRACKET, valve bank shld
3	BN50142	6	WASHER, 5/16, FE, SS
4	BN50476	6	BOLT, hex head, 5/16-18 x .75, SS

Complete Part # BN319145 (Ref Only)



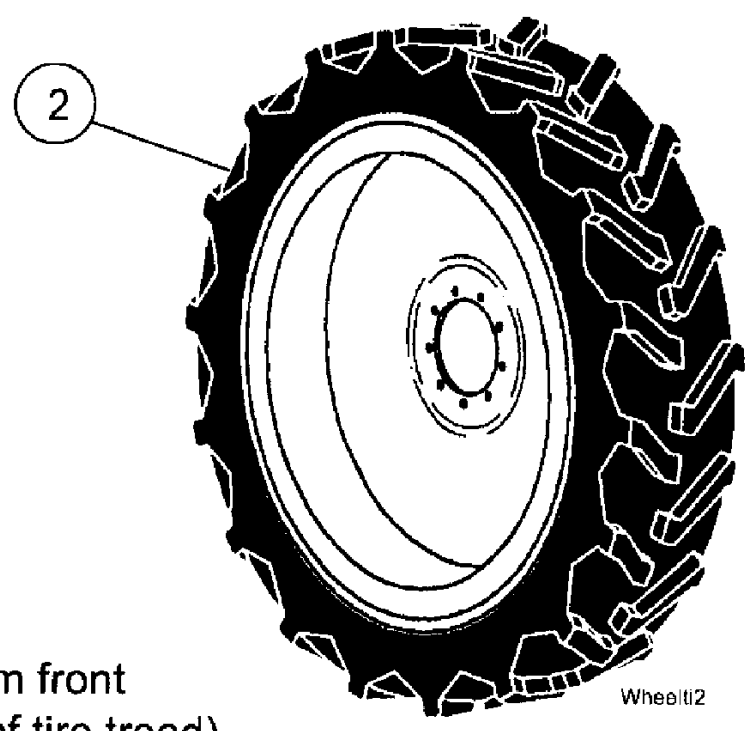
сылка	Номер детали	Кол-во	Описание
1	BN98822	1	COUPLING, COUPLER, non brake
2	BN98841	1	SHAFT, SHAFT input, non brake
3	BN98821	1	SPINDLE, SPINDLE, non brake
1	BN313528	1	COUPLING, COUPLER splined, brake
2	BN98842	1	SHAFT, SHAFT input, brake
3	BN313477	1	SPINDLE, SPINDLE, brake
37	BN50817	2	BOLT, BOLT, brake
38	BN313465	1	BRAKE ASSY., BRAKE, piston assembly, brake
39	BN313466	1	KIT, REPAIR, BRAKE, disc pack
40	BN313467	1	GASKET, KIT, O-ring/gasket, brake
41	BN313471	1	BEARING ASSY, SLEEVE bearing, brake
42	BN313470	1	GASKET, GASKET brake
45	BN313500	2	WASHER, WASHER, brake
4	BN98817	1	SEAL, SEAL trash
5	BN98810	1	SEAL, SEAL oil, Part of Seal Kit, P/N BN98858, Part of Seal/BRG Kit, P/N BN98859
6	BN98812	1	BEARING, CONE, BEARING cone, Part of Seal/BRG Kit, P/N BN98859
7	BN98811	1	BEARING, CUP, BEARING cup, Part of Seal/BRG Kit, P/N BN98859
8	BN98840	10	BOLT, BOLT wheel
11	BN313469	1	HUB, HUB
12	BN98825	1	BEARING, CUP, BEARING cup, Part of Seal/BRG Kit, P/N BN98859
13	BN98826	1	BEARING, CONE, BEARING cone, Part of Seal/BRG Kit, P/N BN98859
14	BN98844	1	WASHER, WASHER thrust
15	BN98818	1	WASHER, WASHER lock, Part of Seal/BRG Kit, P/N BN98859, Part of Seal Kit, P/N BN98858
16	BN98829	1	NUT, LOCK, BEARING nut
17	BN98827	2	RING, RING retaining
18	BN98843	2	WASHER, WASHER
19	BN98830	1	SPRING, SPRING disengage
20	BN69527	1	GEAR, RING, RING gear, 85 teeth, 30:1 n/brake
	BN69526	1	RING, RING gear, 81 teeth, 22:1 w/brake
21	BN69528	1	CARRIER, ASSEMBLY sec. carrier 30:1 n/brake, 3 gears, 34 teeth, Assembly must be replaced as assembly, this cannot be rebuilt.
	BN69529	1	CARRIER, ASSEMBLY sec. carrier 22:1 w/brake, 3 gears, 30 teeth
22	BN69530	1	CARRIER, PRIM. CARRIER ASSEMBLY, 30:1 n/brake, 3 gears, 32 teeth each, secondary sun gear 17 teeth, Assembly must be replaced as assembly, this cannot be rebuilt.
	BN69531	1	CARRIER, PRIM. CARRIER ASSEMBLY, 22:1 w/brake, 3 gears-30 teach each, secondary sun gear - 21 teeth
23	BN69533	1	SUN GEAR, PRIM. SUN GEAR, 30:1, n/brake, 20T
	BN69532	1	SUN GEAR, PRIM SUN GEAR, 22:1 w/brake, 21T
24	BN98501	1	WASHER, WASHER thrust
25	BN98728	1	PLUNGER, PLUNGER disengage
26	BN98729	1	O-RING, O-RING, Part of Seal Kit, P/N BN98858, Part of Seal/BRG Kit, P/N BN98859
27	BN302055	1	COVER, COVER hub, #8
28	BN98494	12	WASHER, WASHER flat
29	BN98838	12	BOLT, BOLT hex head
30	BN98819	1	PLUG, PLUG magnetic

сылка	Номер детали	Кол-во	Описание
31	BN67578	1	CLAMP, CLAMP plastic
32	BN27372	1	CAP, CAP end
33	BN98506	1	GASKET, GASKET quick disconnect, Part of 36, P/N BN98850, Quick Disconnect Assembly
34	BN98860	1	FITTING, DISCONNECT quick, Part of 36, P/N BN98850, Quick Disconnect Assembly
35	413-528	2	BOLT, Hex, 5/16"-18 x 1 3/4", G5, BOLT hex head, Part of 36, P/N BN98850, Quick Disconnect Assembly
36	BN98850	1	FITTING, QUICK DISCONNECT ASSEMBLY, Includes: Ref. 33, 34, 35
43	BN98487	1	PLUG, PLUG magnetic
44	BN315228	10	NUT, WHEEL NUT flanged
NS	BN98858		KIT, SEALS, KIT seal, Includes: Ref. 5, 15, 26 and 98809 sealing compound
NS	BN98809		SEAL, COMPOUND sealing, Part of Seal Kit, P/N BN98858
NS	BN98859		KIT, SEALS, KIT seal/brg, Includes: Ref. 5, 6, 7, 12, 13, 15 and 26
NS	BN67984		WRENCH, PLUG, WRENCH, nut, mod., 8 BNG
NS	BN67986		SPINDLE, DRIVER spindle, mod. 7/8
	BN69042		HUB, HUB complete n/brake, RR 30:1
	BN312646		HUB, HUB complete w/brake, FR 22:1



Wheelt1

RH



Wheelt2

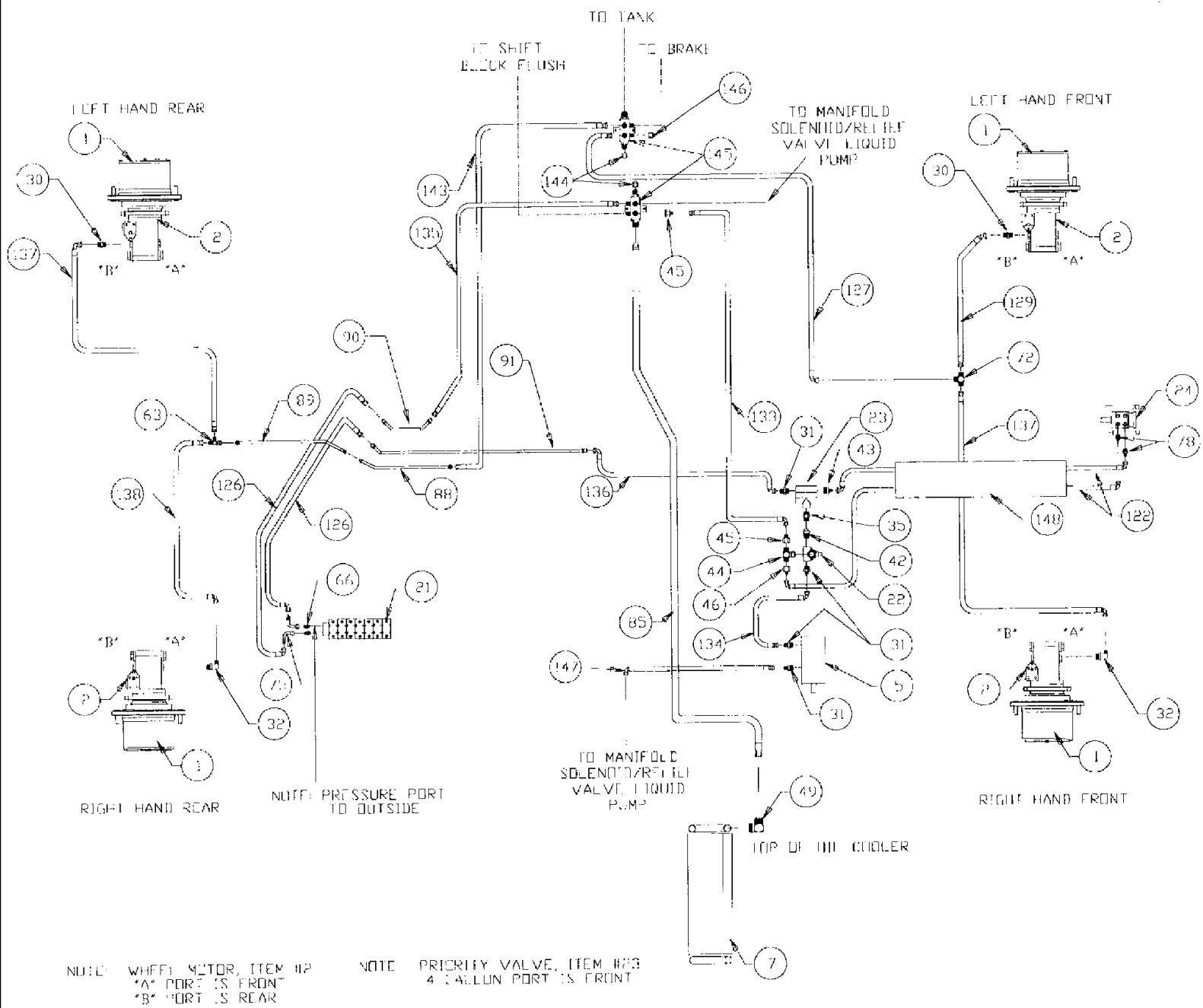
LH

Viewed from front  
(Note direction of tire tread)

SPX3185 PATRIOT SPRAYER (10/02- )

05-006 HUB, WHEEL & TIRES - WHEEL & TIRE

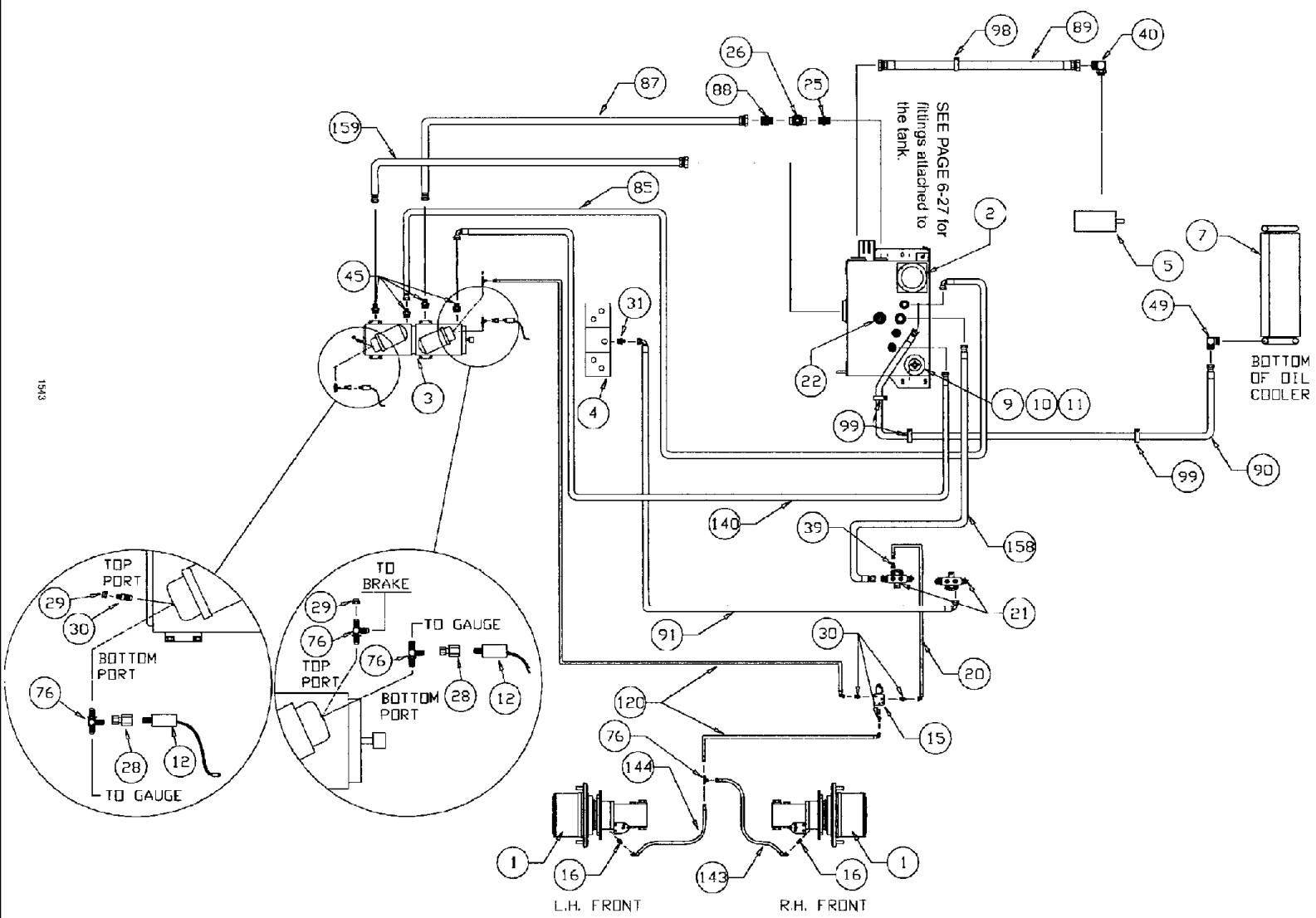
сылка	Номер детали	Кол-во	Описание
1	BN325378	2	320/90R42 wheel & tire, RH, Contact your local tire dealer for tire warranty and replacement tires.
2	BN325377	2	320/90R42 wheel & tire, LH, Contact your local tire dealer for tire warranty and replacement tires.
	BN325380	4	WHEEL ASSY, WHEEL silver, w 9.0 x 42
	BN325379	4	TIRE, GDYR, 320/90R42, DT800, Contact your local tire dealer for tire warranty and replacement tires.
	BN67197	4	VALVE, w/nut, tubeless tire, Contact your local tire dealer for tire warranty and replacement tires.



сылка	Номер детали	Кол-во	Описание
1			HUB power wheel, see Figure 05-002
	BN27372	4	CAP, CAP hub cover
2	BN25866	4	MOTOR, MOTOR wheel
	BN54033	4	O-RING, O-RING, between hub & wheel motor
	BN98186	4	SEAL, SEAL shaft
5	BN67039	1	PUMP, PUMP tandem gear, 1.29/1.08 CW
	BN98608	1	SEAL, SEAL shaft
	BN98609	1	KIT, REPAIR, KIT repair
7		1	COOLER hyd oil, see Figure 03-076
21		1	VALVE, 7 bank, see Figure 06-018
22	BN29234	1	VALVE, BY-PASS, relief
23	BN29237	1	VALVE, PRESSURE RELIEF, priority
24		1	ORBITROL steering, see Figure 01-008
30	BN67864	2	ADAPTER, ADAPTER, 1-1/16"-12 O-ring x 7/8-14 JIC
	BN98017	2	O-RING, #12
31	BN444003	4	FITTING, ADAPTER STR., 1-1/16-12 O-ring x 3/4-16 JIC
	BN98017	6	O-RING, #12
32	BN67865	2	ADAPTER, ADAPTER 90DRG 1-1/16"-12 O-ring x 7/8"-14 JIC
	BN98017	2	O-RING, #12
35	BN444001	1	FITTING, ADAPTER STR., 1-1/16-12 O-ring x 1-1/16-12 JIC
	BN98017	1	O-RING, #12
42	BN57224	1	FITTING, ADAPTER STR., 1-1/16-12 O-ring x 1-1/16-12 JIC
	BN98017	1	O-RING, #12
43	BN57225	1	FITTING, ADAPTER STR, 1-1/16-12 O-ring x 9/16-18 JIC
	BN98017	1	O-RING, #12
44	BN446032	1	TEE, 1-1/16-12 O-ring x 1-1/16-12 JIC
	BN98017	1	O-RING, #12
45	BN53715	1	FITTING, REDUCER, 1-1/16-12 female JIC x 3/4-16 male JIC
46	BN53716	1	FITTING, REDUCER, 1-1/16-12 female JIC x 9/16-18 male JIC
49	BN67881	1	ADAPTER, ADAPTER, 90D, 1" NPT x 1-5/16-12 JIC
63	BN69126	1	TEE, 1-1/16"-12 x 7/8-14 JIC
66	BN60440	2	ADAPTER, STR., 9/16-18 O-ring x 3/4-16 JIC
	BN98019	2	O-RING, #6
72	BN22159	1	TEE, 3/4-16 JIC
75	BN53707	2	FITTING, ELBOW, 90 DEG 3/4-16 JIC
78	BN57226	2	ADAPTER, 3/4-16 O-ring X 9/16-18 JIC
	BN98018	2	O-RING, #8
85	BN69783	1	HOSE, HOSE return 1" ID x 66"
86	BN75990	2	CLAMP, #16
88	BN67650	1	HOSE ASSY., TUBE steel 3/4"
89	BN67649	1	HOSE ASSY., TUBE steel 3/4"
90	BN65100	1	TUBE, TUBE steel 1/2"
91	BN65101	1	TUBE, TUBE steel 1/2"
122	BN68851	2	HOSE ASSY., 3/8" x 80"
125	BN58116	1	HOSE, HOSE ASSEMBLY, 1/2" x 20"

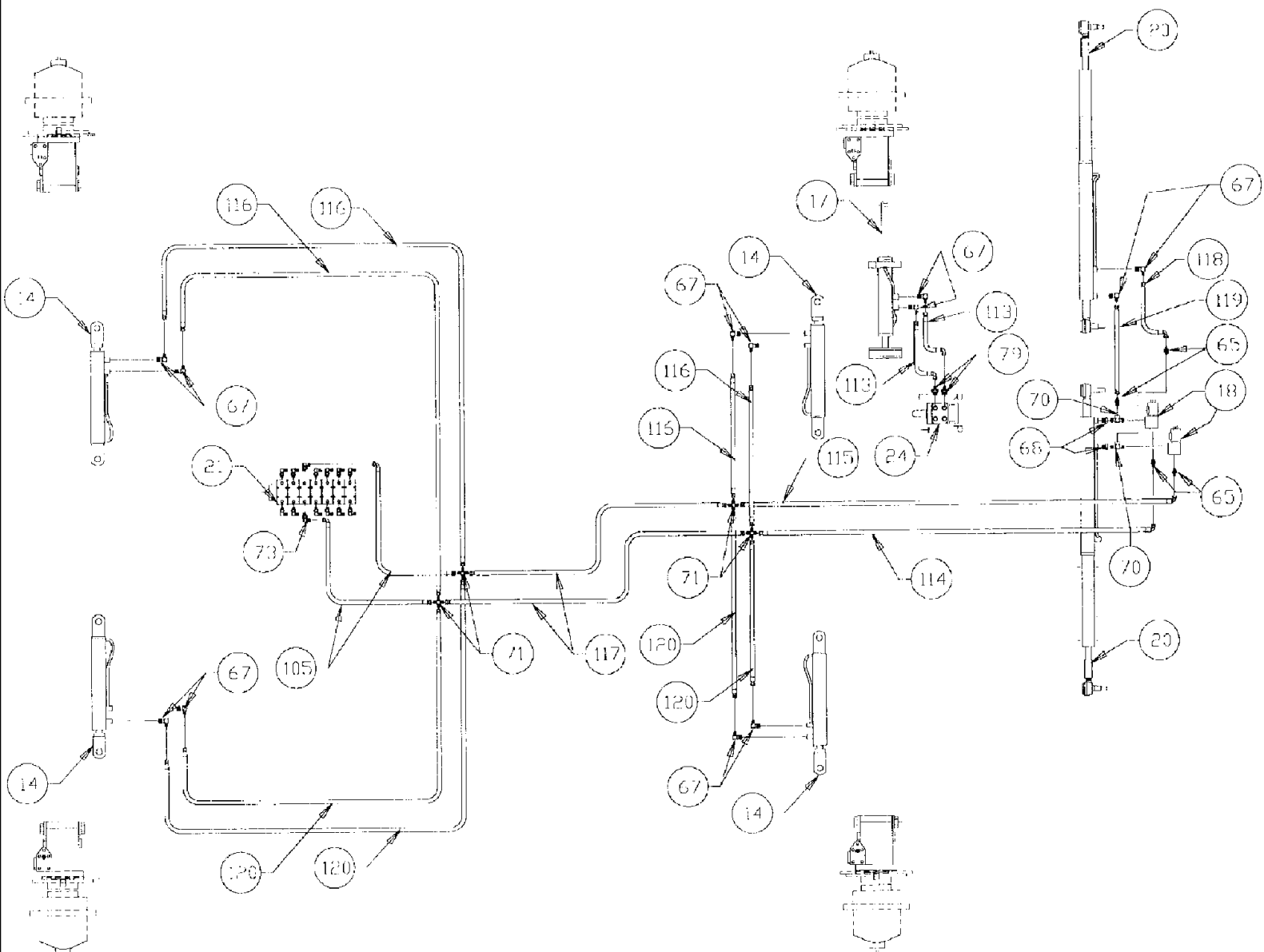


сылка	Номер детали	Кол-во	Описание
126	BN53818	2	HOSE ASSY., 1/2" x 66"
127	BN69595	1	HOSE, HOSE ASSEMBLY, 3/4" x 64"
129	BN67866	2	HOSE, HOSE ASSEMBLY, 5/8" x 130"
133	BN54170	1	HOSE ASSY., 1/2" x 74"
134	BN54183	2	HOSE ASSY., 1/2" x 34"
135	BN58114	1	HOSE ASSY., 1/2" x 13"
136	BN54186	1	HOSE ASSY., 1/2" x 30"
137	BN67867	2	HOSE ASSY., 5/8" x 130"
138	BN67868	1	HOSE, 5/8" x 120"
143	BN67874	1	HOSE ASSY., 3/4" x 22"
144	BN22240	2	CAP, NUT, #12
145	BN67245	2	MANIFOLD,
146	BN22431	1	CAP, CAP NUT, #8
147	BN311233	1	HOSE, HOSE, 1/2" ID x 84", 100R2
148	BN306180	1	TUBE, PLASTIC-RUBBER, POLYTUBE, 1-1/8 ID x 36



сылка	Номер детали	Кол-во	Описание
1		2	HUB, power wheel, see Figure 05-003
		2	CAP, hub cover, see Figure 06-003
2		1	FILTER intank, see Figure 06-025
3	BN25679A	1	PUMP, HYDRAULIC, PUMP tandem hydro
	BN65541	4	O-RING, m/f valve upper
	N14232	2	FILTER, element, Part available only through Case's Global After Sales Organization.
	BN67191	4	VALVE SECTION, VALVE relief, sundstrand #8510022-2
	BN65542	4	O-RING, M/F lower valve
	BN68509	2	GASKET, control body
	BN65544	1	O-RING, shaft, 75cc
	BN65546	1	SEAL, LIP shaft, 75cc
	BN68470	2	O-RING, filter head, 90 series
	BN67479	2	HANDLE, control
	BN68507	2	CONTROL, VARI DISP, complete
	BN68508	2	O-RING, O-RING control shaft
	BN300952	2	KIT, charge relief
	BN69597	2	MOUNTING PARTS, charge filter head complete
	BN300951	1	SHAFT, DRIVE ASSEMBLY shaft
	BN307684	1	O-RING, O-RING, between pumps
4		1	VALVE manifold, see page 6-22
5		1	MTR steer. & spray, see page 6-2
7		1	COOLER hyd oil, see Figure 03-077
8		1	TANK hyd wldmt, see Figure 06-027
	BN53951	1	SWITCH, THERMOSTATIC, SWITCH temp, N.C.180 deg.
	BN52319	1	PLUG, magnetic 1/2" NPT
9	BN53958	1	FILTER, HYDRAULIC OIL, FILTER spin on
10	BN54257	1	HOSE, 1 x 30
11	BN75990	1	CLAMP, #16
12	BN53950	2	SENSOR, pressure
15	BN29955	1	SOLENOID, VALVE
	BN98420	1	KIT, SEALS, KIT seal
	BN98421	1	CARTRIDGE, CARTRIDGE
	BN98422	1	COIL, COIL, 12V
	BN98423	1	BODY, VALVE, BODY
16	BN444005	2	FITTING, ADAPTER STR., 7/16-20 O-ring x 7/16-20 JIC
	BN98094	2	O-RING, #4
20	BN54236	1	HOSE ASSY., 1/4 x 91"
21	BN67245	2	MANIFOLD, hydraulic
22		1	ASSEMBLY SWITCH, see Figure 06-030
25	BN51952	1	COUPLING, COUPLING male, 1-1/4"
26	BN02006	1	VALVE 1-1/4" NPT, gate
28	BN53961	2	ADAPTER,
29	BN21531	2	CAP,
30	BN51589	5	FITTING, ADAPTER STR., 9/16-18 O-ring x 7/16-20 JIC
	BN98019	5	O-RING, #6

сылка	Номер детали	Кол-во	Описание
31	BN444003	1	FITTING, ADAPTER STR., 1-1/16-12 O-ring x 3/4-16 JIC
	BN98017	1	O-RING, #12
32	BN22432	1	FITTING, HOSEBARB, 1" STR.
39	BN53714	1	FITTING, REDUCER
40	BN52037	1	ADAPTER, ADAPTER, 90 deg
	BN98016	1	O-RING, #16
45	BN53918	4	ADAPTER, ADAPTER flat face
	BN53730	4	O-RING,
	BN98016	4	O-RING, #16
49	BN67881	1	ADAPTER, ELBOW 90 deg, 1" NPT x 1-5/16-12 JIC
55	BN51497	1	VALVE, HYDRAULIC, VALVE gate, 1" x 1-1/2 NPT
76	BN21866	4	ADAPTER,
	BN98019	4	O-RING,
80	BN53957	1	GAUGE, sight
84	BN51530	1	FITTING, ADAPTER, 90D, 1-1/4" NPT x 1-1/4" NPT
85	BN53583	1	HOSE, HOSE, 3/4" x 48"
87	BN52043	1	HOSE, HOSE, 1-1/4" x 30"
88	BN55325	2	ADAPTER, ADAPTER, 1-1/4" NPT x 1-5/8"-12 JIC
89	BN310615	1	HOSE, HOSE, 1-1/2" x66"
90	BN67877	1	HOSE, HOPSE ASSEMBLY, 1" x 110"
91	BN53967	1	HOSE ASSY., 1/2" x 60"
98	BN52035	1	CLAMP, vinyl coated
99	BN570018	3	CLAMP, vinyl coated
120	BN54184	1	HOSE ASSY., 1/4" x 124"
140	BN53443	1	SLEEVE, HOSE ASSEMBLY, 3/4" x 70"
143	BN54232	2	HOSE, HOSE ASSEMBLY, 1/4" x 119"
144	BN55514	1	HOSE, HOSE ASSEMBLY, 1/4" x 150"
152	BN54199	1	HOSE (METRES), HOSE ASSEMBLY, 3/4" x 30"
155	BN24148	1	FILTER, STRAINER, STRAINER 25 GPM, 100 mesh
158	BN67876	1	HOSE, HOSE ASSEMBLY, 1" x 93"
159	BN52041	1	HOSE, HOSE, 1.25" suction x 35"



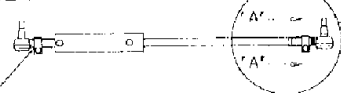
NOTE: GREASE ZERK ON STEERING CYLINDER

BUSHING TO FRONT OF PATRIOT

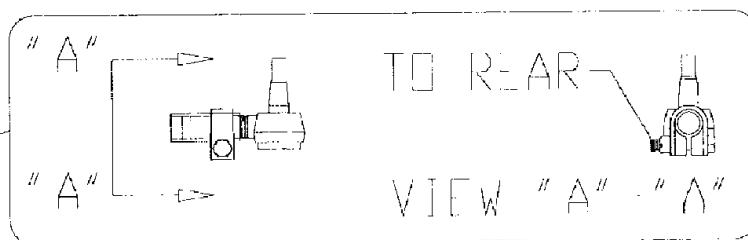
NOTE: TIE ROD CYLINDER PURS FACE FORWARD

& TIE ROD ENDS ARE UP

TIE ROD LEFT CYLINDER  
FRONT VIEW



NOTE: THIS END THREADED COMPLETELY  
INTO BUSHING



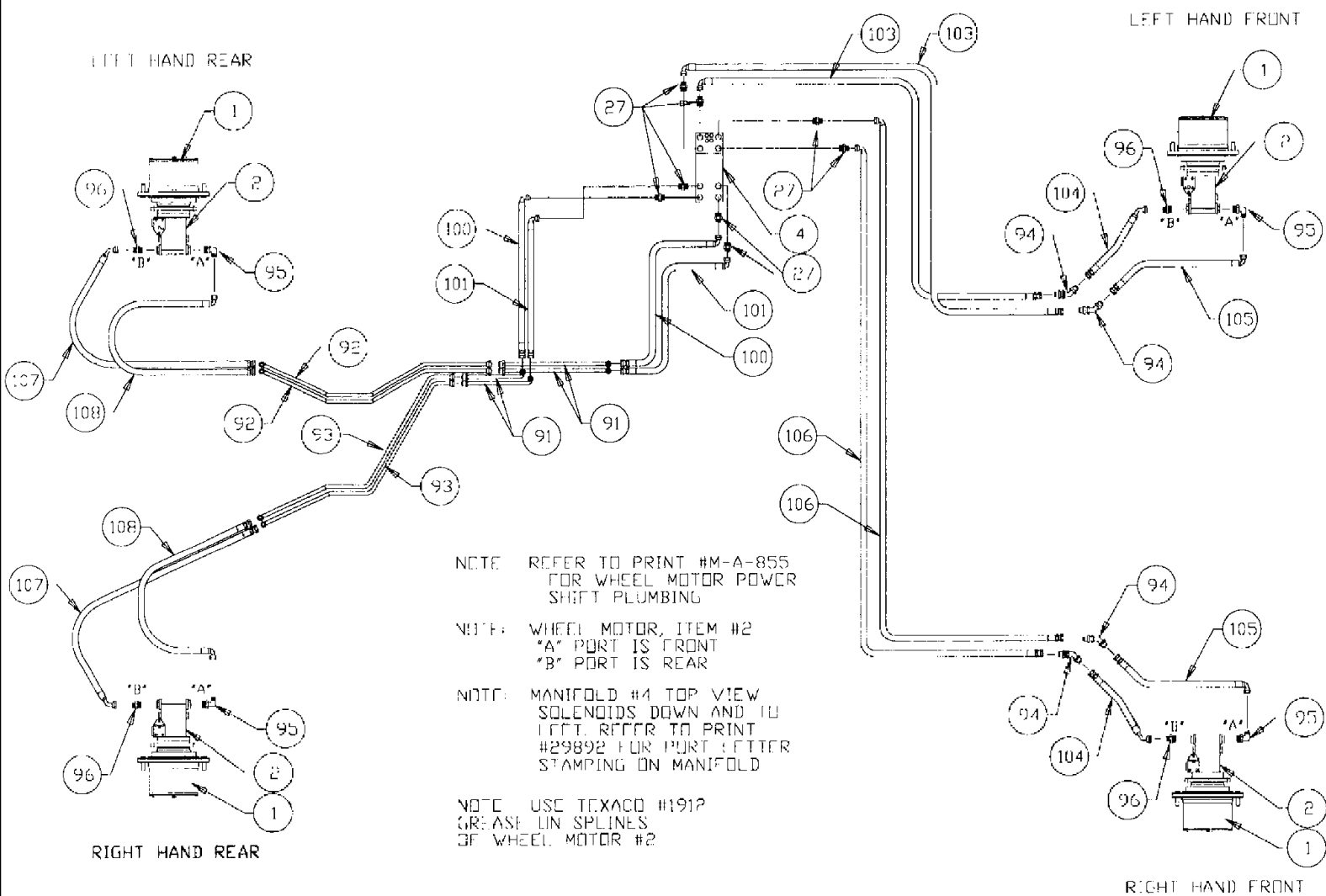
M-A-862

Tie rod end clamps must be installed as shown (with bolts to bottom and nuts to rear of Patriot). After adjusting toe in, both tie rod ends on each cylinder must be in alignment to avoid binding.

## 06-006 HYDRAULIC PLUMBING - STEERING 7 - BANK VALVE

сылка	Номер детали	Кол-во	Описание
14		4	HYD. CYLINDER axle adjust, see Figure 07-002
17		1	HYD. CYLINDER steering, see Figure 07-010
18	BN306166	2	BODY, VALVE, ASSEMBLY, sol valve w/body
	BN301705	1	COIL, COIL, 12VDC, shift w/shroud
	BN98204	1	O-RING, O-RING bottom, small
	BN98205	1	O-RING, O-RING top, large
	BN306168	1	BODY, VALVE, BODY valve
20		2	HYDR. CYLINDER tie rod, see Figure 07-011, Tie rod Cylinder - adjust for 1/4" - 1/2" toe in. (Front of tires 1/4"-1/2" less than rear of tires at hub center line-with tire facing ahead). Adjust toe in from rod (outer) end of cylinder.
	BN65117	4	TIE-ROD, tie end rod w/nut
	BN4851	4	STAPLE, CLAMP ASSEMBLY w/bolt, tie rod end
21		1	VALVE, 7 bank, see Figure 06-019
24		1	ORBITROL steering control, see Figure 01-008
	BN98233	1	KIT, SEALS, KIT seal for orbitrol, steering control
65	BN21355	4	ADAPTER, ADAPTER STR., 1/4" NPT x 7/16 JIC
67	BN21401	13	FITTING, ADAPTER, 90 deg. 3/8 NPT x 7/16-20 jic
68	BN51352	2	BUSHING, BUSHING, 3/8 male NPT x 1/4 female NPT
70	BN53712	2	TEE, TEE, 1/4" NPT
71	BN54043	4	ADAPTER, CROSS, 7/16-20 JIC
73	BN22160	14	ELBOW, ADAPTER, 90 deg., 9/16-18 O-ring x 7/16-20 JIC
	BN98019	14	O-RING, #6
79	BN21249	2	ADAPTER, 3/4-16 O-ring x 7/16-20 JIC
	BN98018	2	O-RING, #8
105	BN54161	2	HOSE ASSY., 1/4" x 52"
113	BN53814	2	HOSE, HOSE ASSEMBLY, 1/4" x 62"
114	BN54155	1	HOSE, HOSE ASSEMBLY, 1/4" x 33"
115	BN54156	1	HOSE, HOSE ASSEMBLY, 1/4" x 30"
116	BN54185	4	HOSE, HOSE ASSEMBLY, 1/4" x 64"
117	BN54158	2	HOSE ASSY., 1/4" x 114"
118	BN54159	1	HOSE, HOSE ASSEMBLY, 1/4" x 28"
119	BN53964	1	HOSE, HOSE ASSEMBLY, 1/4" x 15"
120	BN53604	4	HOSE, HOSE ASSEMBLY, 1/4" x 40"

Tie rod end clamps must be installed as shown (with bolts to bottom and nuts to rear of Patriot). After adjusting toe in, both tie rod ends on each cylinder must be in alignment to avoid binding.

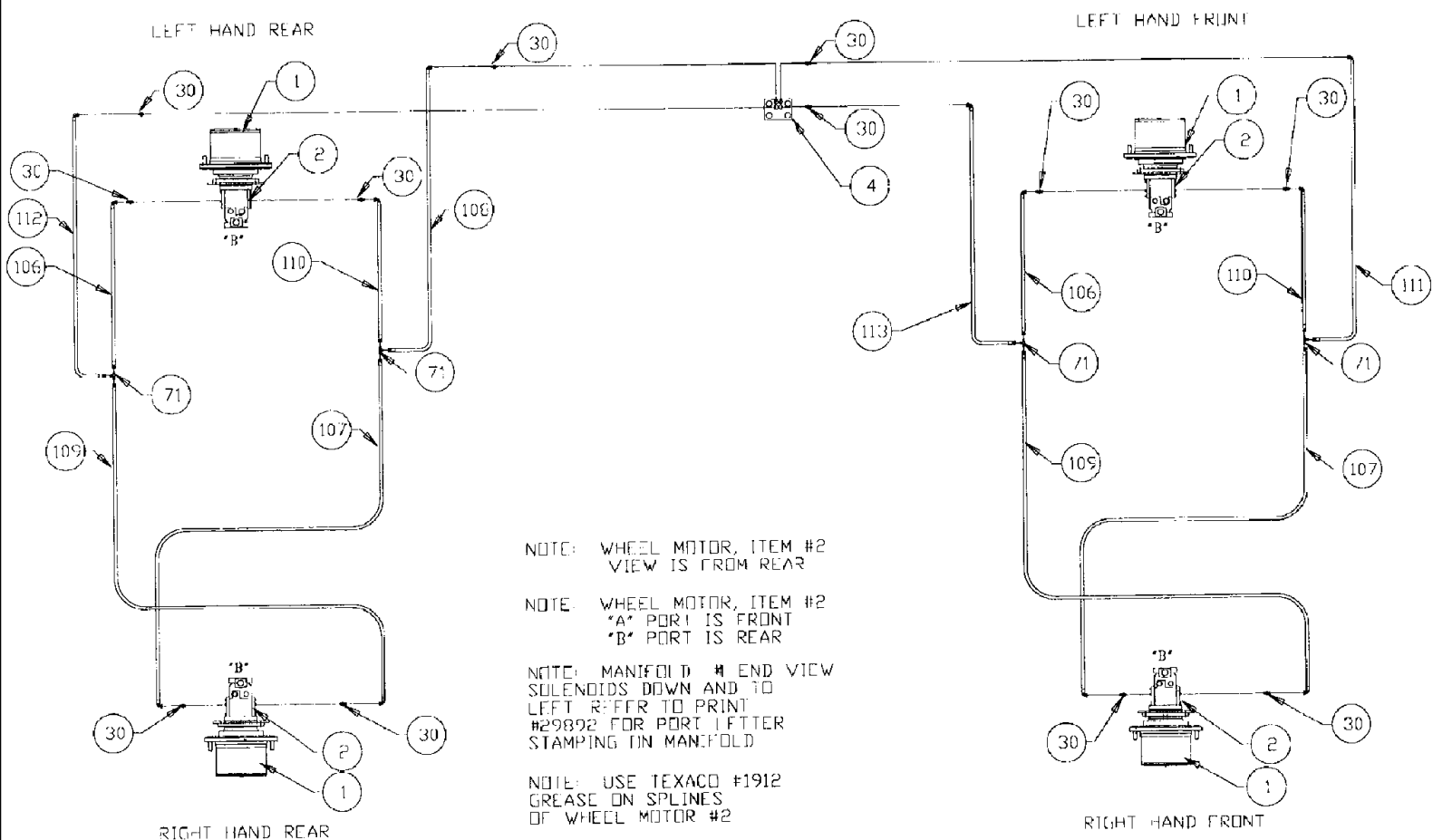


M-A-859

## 06-008 HYDRAULIC PLUMBING - WHEEL MOTORS

сылка	Номер детали	Кол-во	Описание
1			HUB power wheel, see Figure 05-003
		4	CAP hub cover, see Figure 06-003
2		4	WHEEL MOTOR, see Figure 06-003
4		1	VALVE flush & shift, see Figure 06-023
27	BN21417	8	FITTING, ADAPTER STR., 1-5/16-12 O-ring x 1-1/16-12 JIC
	BN98016	8	O-RING, #16
91	BN24931	4	TUBE, TUBE steel, 3/4" front
92	BN24932	2	TUBE, TUBE steel, 3/4", LH, rear
93	BN24933	2	TUBE, TUBE steel, 3/4", RH, rear
94	BN53959	4	BULKHEAD, FITTING, 45 deg. bulkhead, 3/4 JIC
95	BN53927	4	ADAPTER, ADAPTER, 90 deg. 16 O-ring, 12 JIC
96	BN21417	4	FITTING, ADAPTER STR., 1-5/16-16 O-ring 12 JIC
100	BN53691	2	HOSE, HOSE ASSEMBLY, 3/4" x 22", high pressure
101	BN53694	2	HOSE, HOSE ASSEMBLY, 3/4" x 27", high pressure
103	BN55105	2	HOSE, HOSE ASSEMBLY, 3/4" x 145", high pressure
104	BN58123	2	HOSE, HOSE ASSEMBLY, 3/4" x 25", high pressure
105	BN58110	2	HOSE, HOSE ASSEMBLY, 3/4" x 31", high pressure
106	BN58111	2	HOSE, HOSE ASSEMBLY, 3/4" x 139", high pressure
107	BN58112	2	HOSE, HOSE ASSEMBLY, 3/4" x 106-1/2", high pressure
108	BN58113	2	HOSE, HOSE ASSEMBLY, 3/4" x 108", high pressure

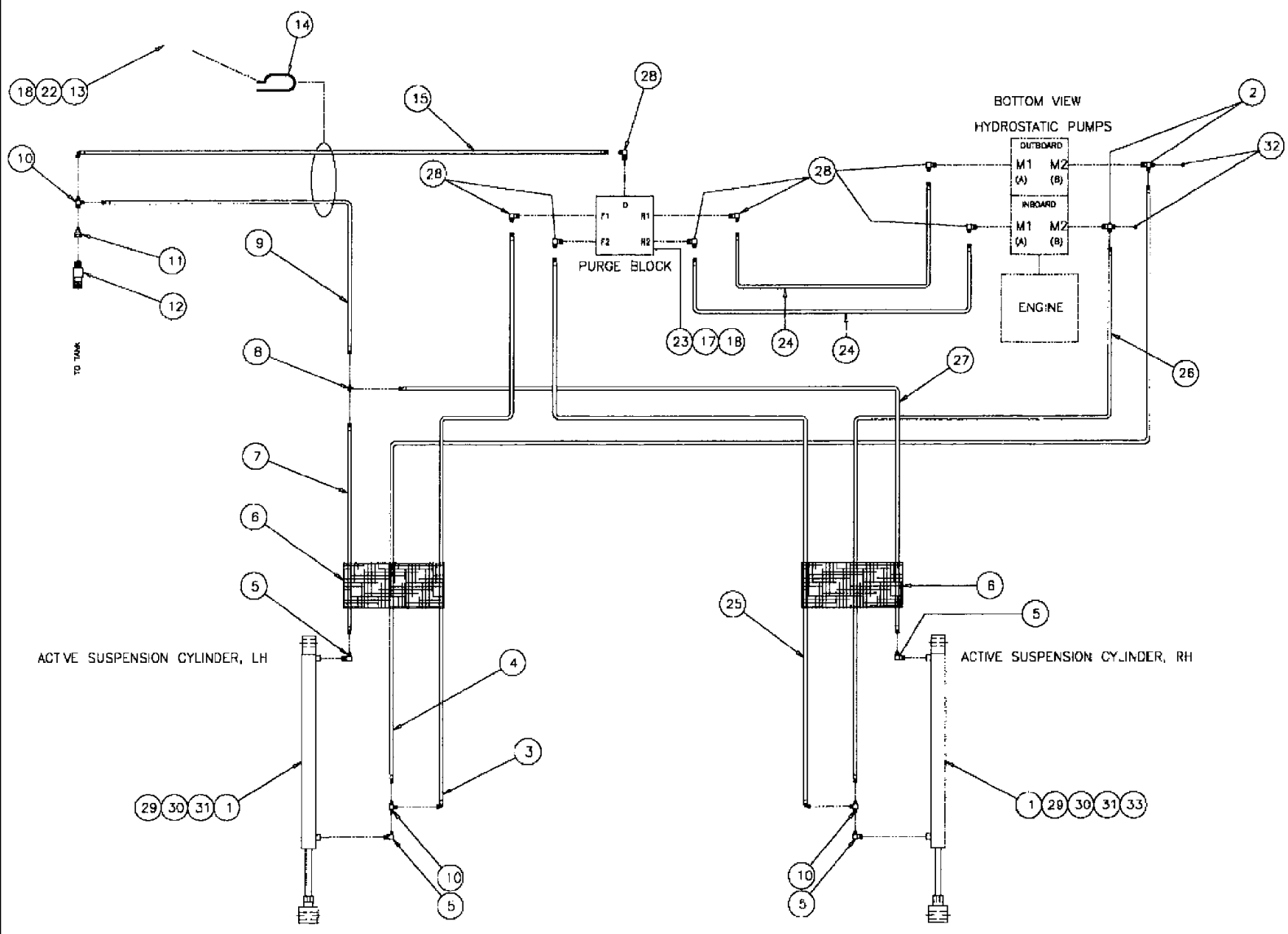




M-A-864

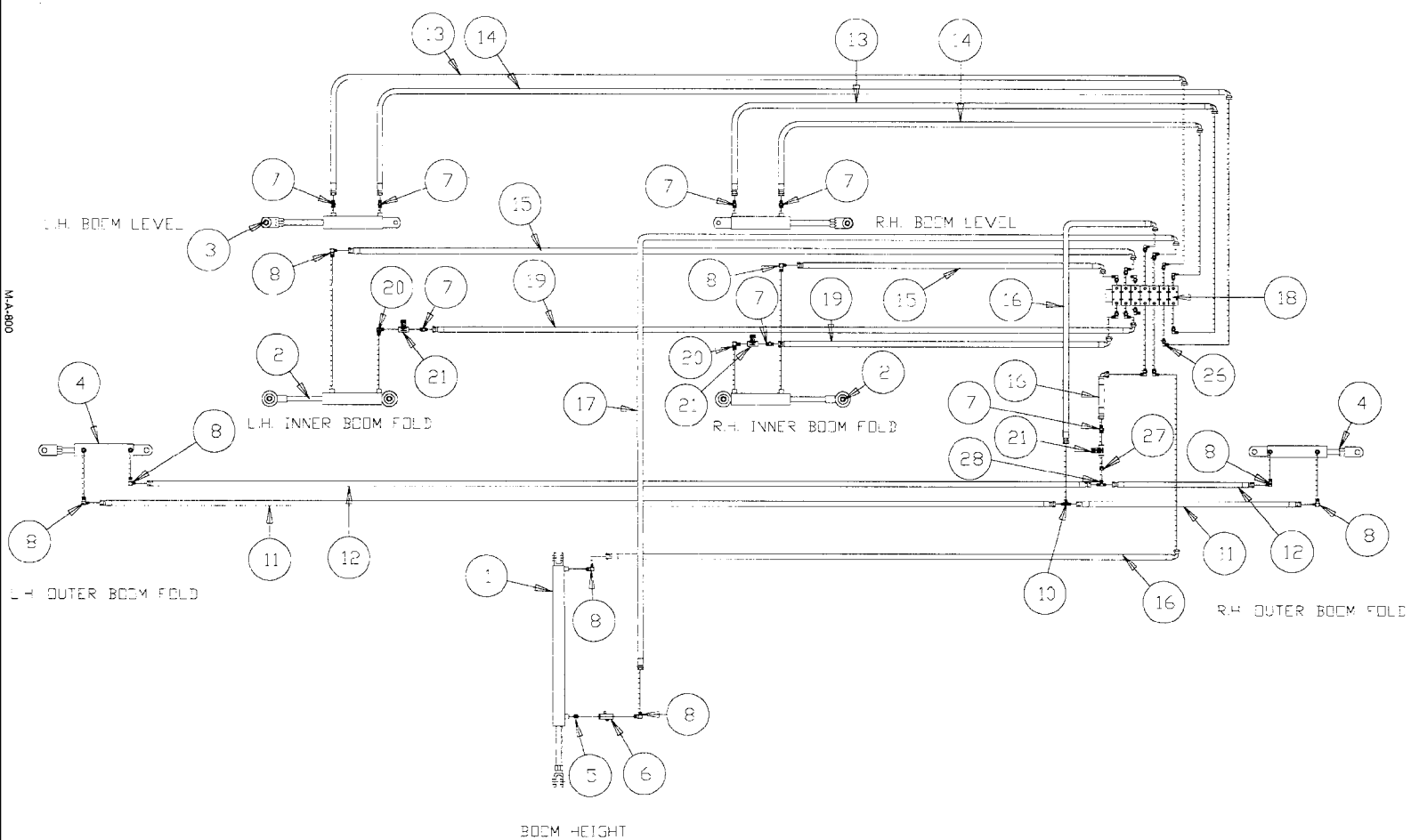
## 06-010 HYDRAULIC PLUMBING - WHEEL MOTORS (POWER SHIFT)

сылка	Номер детали	Кол-во	Описание
1			HUB power wheel, see Figure 05-003
		4	CAP hub cover see, Figure 06-003
2		4	MOTOR wheel see Figure 06-003
4		1	VALVE manifold, see Figure 06-023
30	BN51589	12	FITTING, ADAPTER STR., 9/16-18 O-ring x 7/16-20 JIC
	BN98019	12	O-RING, #6
71	BN21422	4	TEE, 7/16-20 JIC
106	BN54232	2	HOSE, HOSE ASSEMBLY, 1/4" x 119"
107	BN55114	2	HOSE, HOSE ASSEMBLY, 1/4" x 150"
108	BN54149	1	HOSE, HOSE ASSEMBLY, 1/4" x 132"
109	BN55113	2	HOSE, HOSE ASSEMBLY, 1/4" x 144"
110	BN54150	2	HOSE, HOSE ASSEMBLY, 1/4" x 110"
111	BN54152	1	HOSE, HOSE ASSEMBLY, 1/4" x 42"
112	BN54211	1	HOSE, HOSE ASSEMBLY, 1/4" x 132", long 90 deg. elbow
113	BN54212	1	HOSE, HOSE ASSEMBLY, 1/4" x 42", long 90 deg. elbow



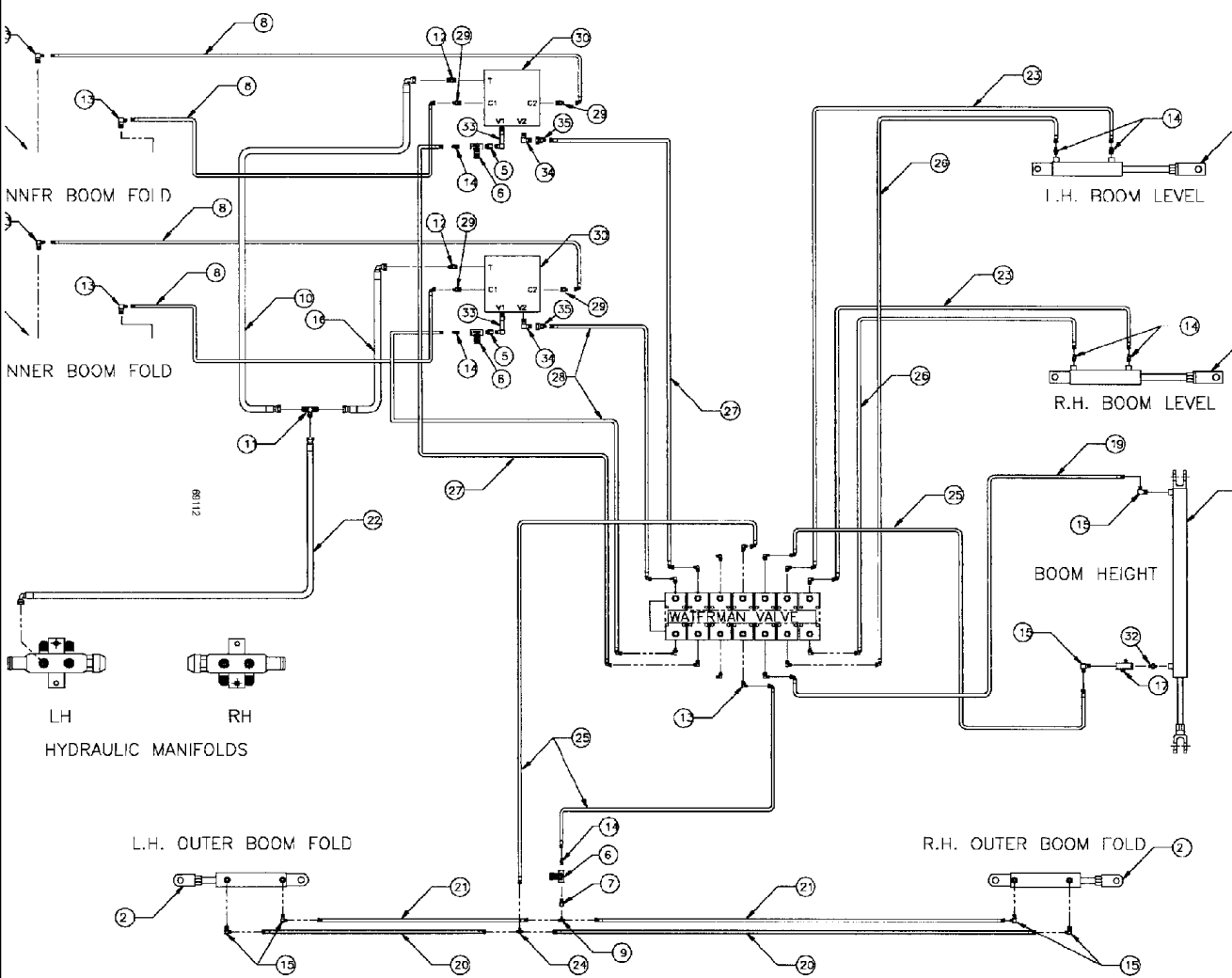
303002

сылка	Номер детали	Кол-во	Описание
1		2	CYLN, P.A.S., 1.12 x .75 x 9.5, see Figure 07-012
2	BN21866	2	ADAPTER, tee, 6SAE, -4JIC
3	BN304543	1	HOSE, HOSE, 1/4 x120, 4JIC-4JIC
4	BN303008	1	HOSE, HOSE, 1/4 x 112, 4JIC-4JIC
5	BN51591	4	ELBOW, ELBOW, 90, O-ring 37FL, 7/16-
6	BN314459	2	SLEEVE, SLEEVE hose, -24 x 82"
7	BN68494	1	HOSE, HOSE ASSEMBLY, 1/4 x 118 100R1
8	BN21422	1	TEE, 37 deg. flare
9	BN303012	1	HOSE, HOSE, 1/4 x 72, 4JIC-4JIC
10	BN53960	3	TEE, JIC 1/4-20 male, female
11	BN53714	1	FITTING, RDC, 3/4-16 x 7/16-20 JIC
12	BN51518	1	FITTING, 12MP-8MJ
13	BN304538	1	CLAMP, BRACKET, clamp hose
14	BN304664	1	CLAMP, CLAMP/vinyl, 1/2", double
15	BN303342	1	HOSE, HOSE ASSEMBLY, 1/4 ID x 52 100R1
17	413-444	2	BOLT, Hex, 1/4"-20 x 2 3/4", G5, hex head, 1/4-20 x 2.75, G5
18	231-4144	3	NUT, LOCK, 1/4"-20, GB,
22	413-412	1	BOLT, Hex, 1/4"-20 x 3/4", G5, Full Thd, hex head, 1/4-20 X .75, G5
23	BN304081	1	BLOCK, purge, cylinder
24	BN304544	2	HOSE, HOSE, 1/4 x 32, -4JIC-4JIC
25	BN304546	1	HOSE, HOSE, 1/4 x 188, -4JIC-4JIC
26	BN303009	1	HOSE, HOSE, 1/4 x 172, -4JIC-4JIC
27	BN303010	1	HOSE, HOSE, 1/4 x136, -4JIC-4JIC
28	BN22160	9	ELBOW, 90, 6SAE, -4JIC
29	231-4148	2	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
30	326-840	2	BOLT, Hex, 1/2"-13 x 2 1/2", G8,
31	3431 37A1	2	PIN, active susp. 785
32	BN21531	2	CAP, NUT, -4JIC
33	800-1112	4	RING, SNAP, M12, Ext, 12mm ext ret



008-14-000

сылка	Номер детали	Кол-во	Описание
1		1	HYD. CYLINDER boom height, see Figure 07-003
2		2	HYD. CYLINDER inner boom fold, see Figure 07-004
3		2	HYD. CYLINDER boom level, see Figure 07-008
4		2	HYD. CYLINDER outer boom fold, see page 07-007
5	BN51665	1	FITTING, NIPPLE, 3/8" close
6	BN53681	1	VALVE, HYDRAULIC, VALVE snubber
7	BN22158	7	ADAPTER, ADAPTER
8	BN21401	8	FITTING, ADAPTER, 90 deg. 3/8 NPT x 7/16-20 JIC
10	BN21422	1	TEE, 7/16-20 JIC
11	BN53849	2	HOSE, HOSE ASSEMBLY, 1/4" x 305", 75' boom
12	BN53848	2	HOSE, HOSE ASSEMBLY, 1/4" x 295", 75' boom
13	BN54175	2	HOSE ASSY., 1/4" x 182"
14	BN54174	2	HOSE, HOSE ASSEMBLY, 1/4" x 174"
15	BN310485	2	HOSE, HOSE ASSEMBLY, 1/4" x 137"
16	BN54177	3	HOSE, HOSE ASSEMBLY, 1/4" x 96"
17	BN54178	1	HOSE ASSY., 1/4" x 66"
18		1	VALVE, 7 bank, see Figure 06-019
19	BN310484	2	HOSE, HOSE ASSEMBLY, 1/4" x 120"
20	BN51123	2	ADAPTER, ADAPTER, 3/8 x 3/8 NPT, 90 deg.
21	BN53856	3	VALVE, HYDRAULIC, VALVE needle
26	BN22160	14	ELBOW, ADAPTER, 90 deg., 9/16-18 O-ring x 7/16-20 JIC
	BN98019	14	O-RING, #6
27	BN51352	1	BUSHING, BUSHING, 1/4 NPT x 3/8 NPT
28	BN53711	1	TEE, TEE, 1/4 NPT x 7/16-20 JIC

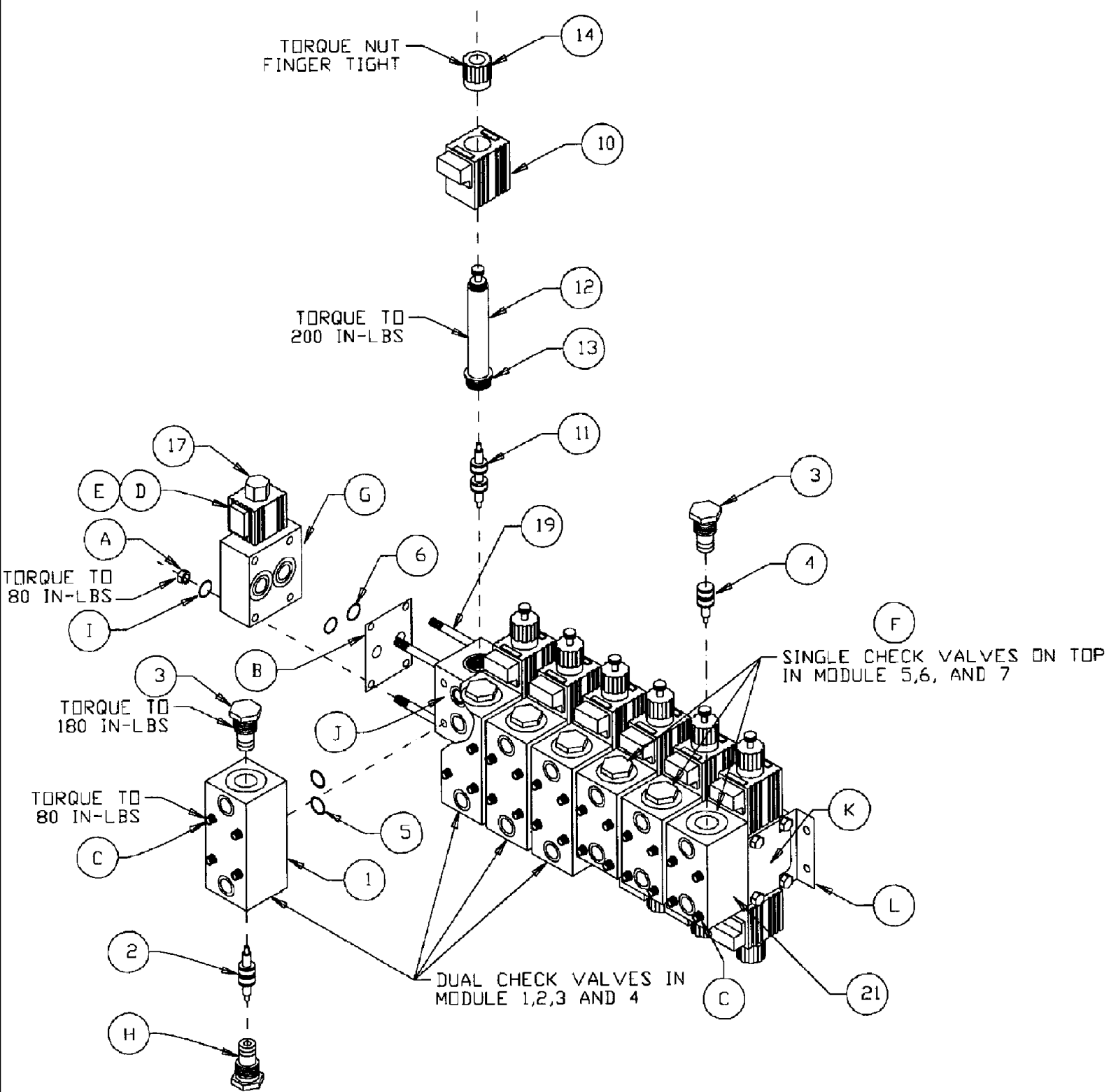


## SPX3185 PATRIOT SPRAYER (10/02- )

## 06-016 HYDRAULIC PLUMBING - 90' BOOM

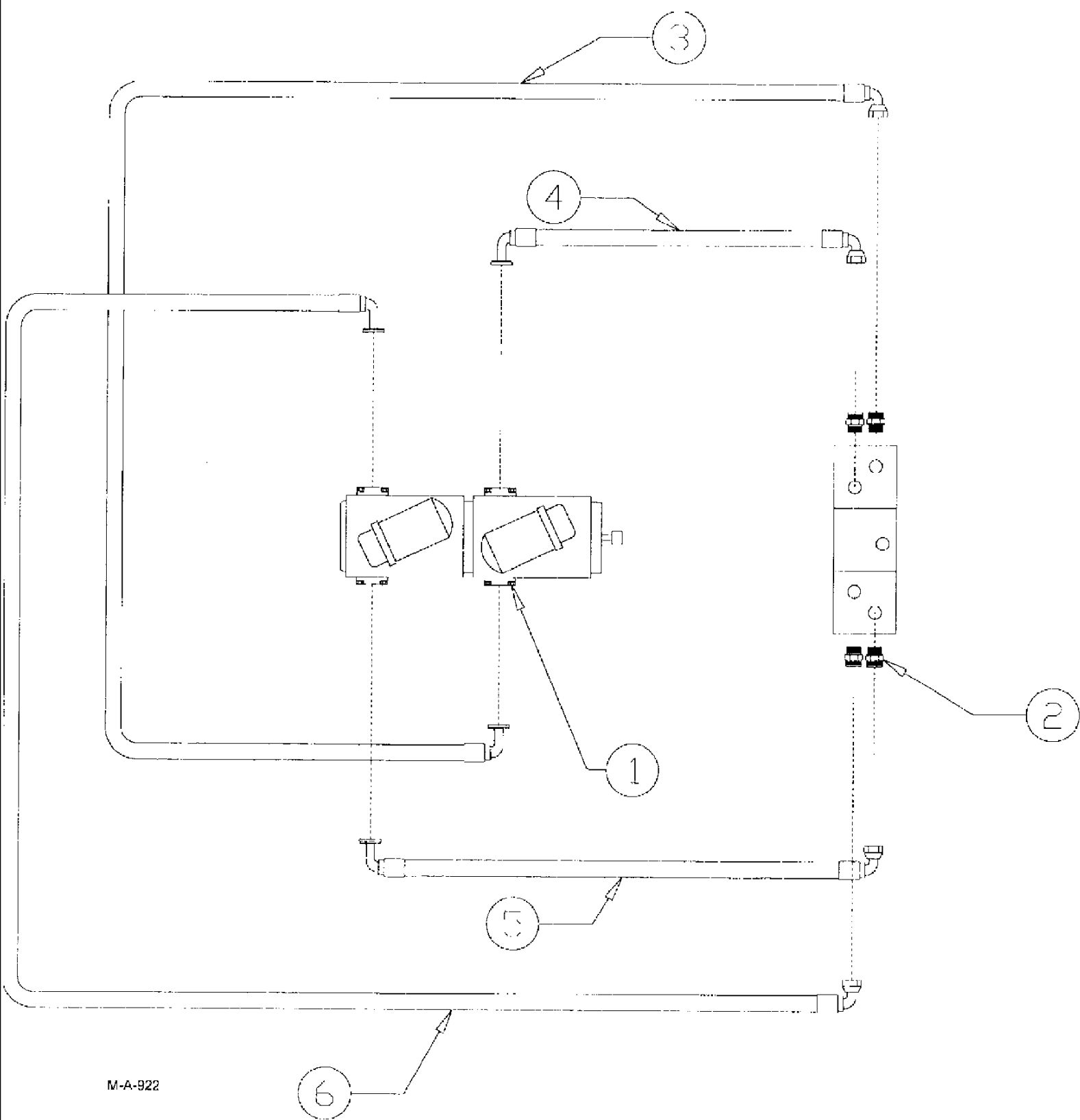
сылка	Номер детали	Кол-во	Описание
1		1	CYL inner boom fold, RH, see Figure 07-005
2		2	CYL outer boom fold, see Figure 07-007
3		1	CYL boom height, see Figure 07-003
4		2	CYL boom level, see Figure 07-009
5	BN317402	2	ADAPTER, ADAPTOR, NPT/JIC, #6, #8
6	BN53856	3	VALVE, HYDRAULIC, VALVE needle, 3/8" NPT, port
7	BN51352	1	BUSHING, BUSHING, 1/4-18 x 3/8-18 NPT
8	BN53824	4	HOSE, HOSE, 1/4 " ID x 38"
9	BN53711	1	TEE, TEE, 1/4 NPT, 7/16-20 JIC
10	BN67131	1	HOSE ASSY., 1/2"100R1 x 44"
11	BN22159	1	TEE, ADAPTER 3/4 <M> 37 deg.
12	BN444004	2	FITTING, ADAPTER, O-ring, 37 flare
13	BN22160	14	ELBOW, 90, 6SAE, -4 JIC
14	BN22158	7	ADAPTER, ADAPTER, 6 pipe, 4JIC
15	BN21401	10	FITTING, ELBOW 90, NPT 37 deg. flare
16	BN53027	1	HOSE ASSY., 1/2"100R1 x 36"
17	BN53681	1	VALVE, HYDRAULIC, VALVE snubber
18		1	CYL inner boom fold, LH, see Figure 07-005
19	BN54178	1	HOSE ASSY., 1/4" ID x 66", 100R1
20	BN66605	2	HOSE, HOSE, 1/4" ID x 365", 100R1
21	BN66604	2	HOSE, HOSE, 1/4" ID x 355", 100R1
22	BN67132	1	HOSE, HOSE ASSEMBLY, 1/2"100R1 x 170
23	BN54174	2	HOSE, HOSE, 1/4" ID x 174", 100R1
24	BN21422	1	TEE, 37 deg. flare
25	BN54177	3	HOSE, HOSE, 1/4" ID x 96", 100R1
26	BN54175	2	HOSE ASSY., 1/4" ID x 182", 100R1
27	BN67677	2	HOSE, HOSE, 1/4" ID x 113"
28	BN67676	2	HOSE, HOSE, 1/4" ID x 102"
29	BN21249	4	ADAPTER, FT, SAE, or, 37D
30	BN322491	2	VALVE SECTION, HYD, VALVE, double relief
	BN67270	1	VALVE BLOCK, swiss cheese
	BN314924	1	VALVE, PRESSURE RELIEF, 2340
	BN322490	1	VALVE, PRESSURE RELIEF, VALVE relief, 1750
31	BN69859	1	PKG. elec., auto centering
	BN67000	2	PLATE, MOUNTING, ASSEMBLY switch mounting, see Figure 07-006
	BN68779	1	HARNESS, WIRE, CABLE harness options
	BN68780	1	MOUNTING PARTS, HARNESS, auto centering
	BN68781	1	MOUNTING PARTS, PANEL autocenter mount
33	BN317401	2	O-RING, ADAPTOR long, O-ring/JIC
34	BN53594	2	FITTING, ADPT, ft, 90D, OR x 37 JIC
35	BN53714	2	FITTING, RDC, 3/4-16 x 7/16-20 JIC
36	BN68658	2	PLUG, ORIFICE, .038
37	BN51665	1	FITTING, FT, CPL, ML PI, 3/8-3/8





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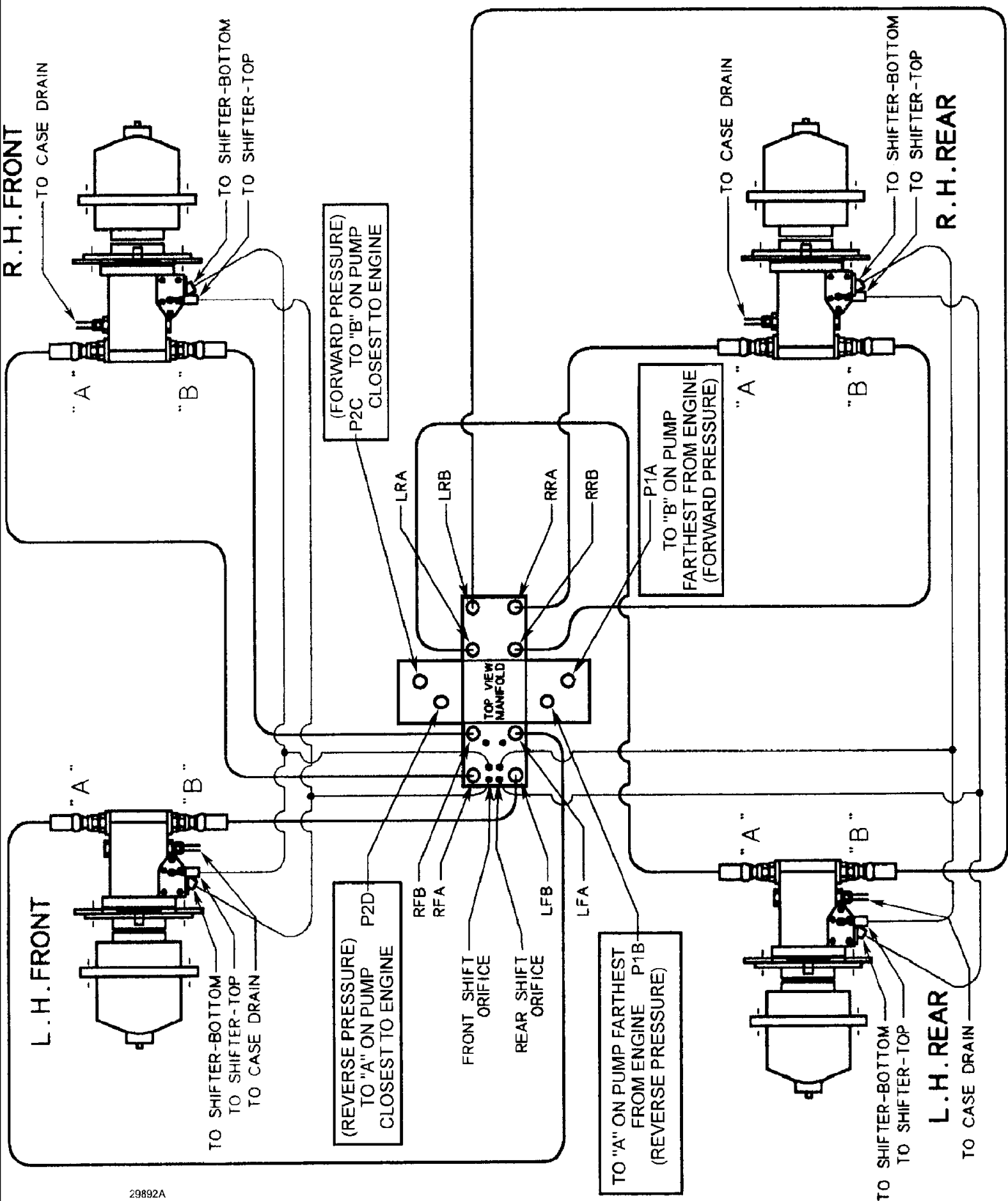
сылка	Номер детали	Кол-во	Описание
A	231-4144	8	NUT, LOCK, 1/4"-20, GB,
B	86986508	7	PLATE, PLATE, backing, anodized
NS	86986509	14	CAP, CAP, vinyl, valve bank, not shown
C	86986510	28	SCREW, 1/4-20 x 1.75, SHCS, SS
D	86986519	1	VALVE, SOLENOID, VALVE solenoid, waterman
E	86986520	1	COIL, COIL, lead wire, 12VDC
F	86986521	3	VALVE, HYDRAULIC, CHECK single p.o.
G	86986522	1	VALVE, SECTION inlet
H	BN300970	11	VALVE, VALVE check, 100 LB. WTR
I	BN50139	8	WASHER, WASHER, 1/4 spring lock
J	BN66709	6	VALVE, HYDRAULIC, VALVE, middle directional
K	BN66710	1	VALVE, end directional
L	BN67858	2	MOUNTING PARTS, waterman valve
1	BN98677	4	BLOCK, for 29345A, dual
2	BN98679	4	RACE, VALVE piston chk dual 2934
4	BN98680	3	PISTON, VALVE piston chk sing 29345
5	BN98225	14	O-RING, VALVE, stacking #29345
6	BN98226	14	O-RING, VALVE sandwich #2934
10	BN98222	14	COIL, w/wire lead & pack e
19	BN24141	4	TIE-ROD, THREADED, ROD threaded, 1/4-20 x 15.75



SPX3185 PATRIOT SPRAYER (10/02- )

06-020 HYDRAULIC PLUMBING - HYDROSTATIC PUMP TO SHIFT BLOCK

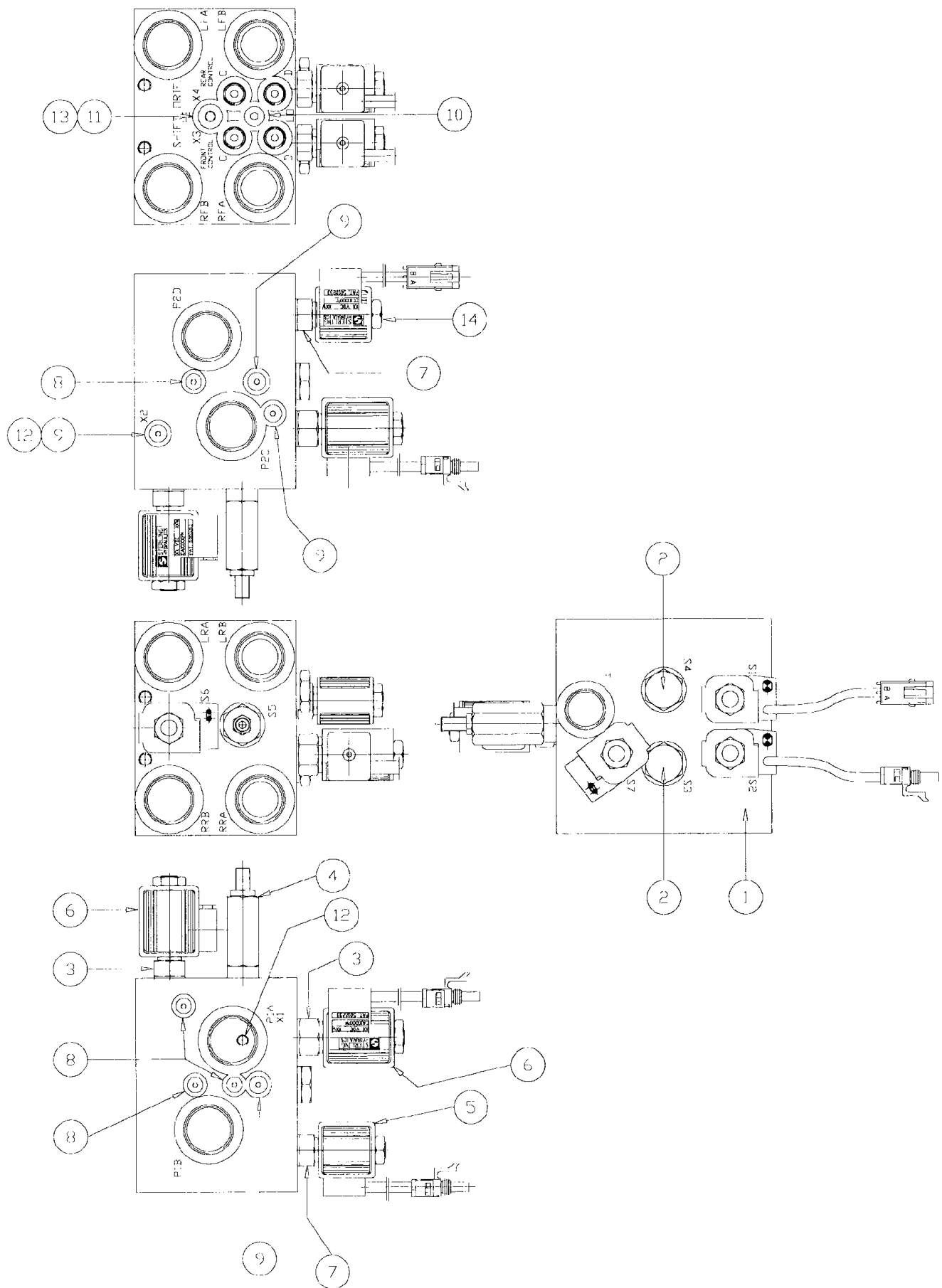
сылка	Номер детали	Кол-во	Описание
1	BN52317	4	O-RING, split flange
2	BN57223	4	FITTING, ADAPTER, STR. 1-5/16-12 O-ring x 1-7/16-12 male flat face
	BN53730	4	O-RING, flat face
	BN98016	4	O-RING, #16
3	BN55126	1	HOSE ASSY., 1" HYD
4	BN55124	1	HOSE ASSY., 1" HYD
5	BN55125	1	HOSE ASSY., 1" HYD
6	BN55123	1	HOSE ASSY., 1" HYD



SPX3185 PATRIOT SPRAYER (10/02- )

06-021 HYDRAULIC PLUMBING - MANIFOLD TO WHEEL MOTOR

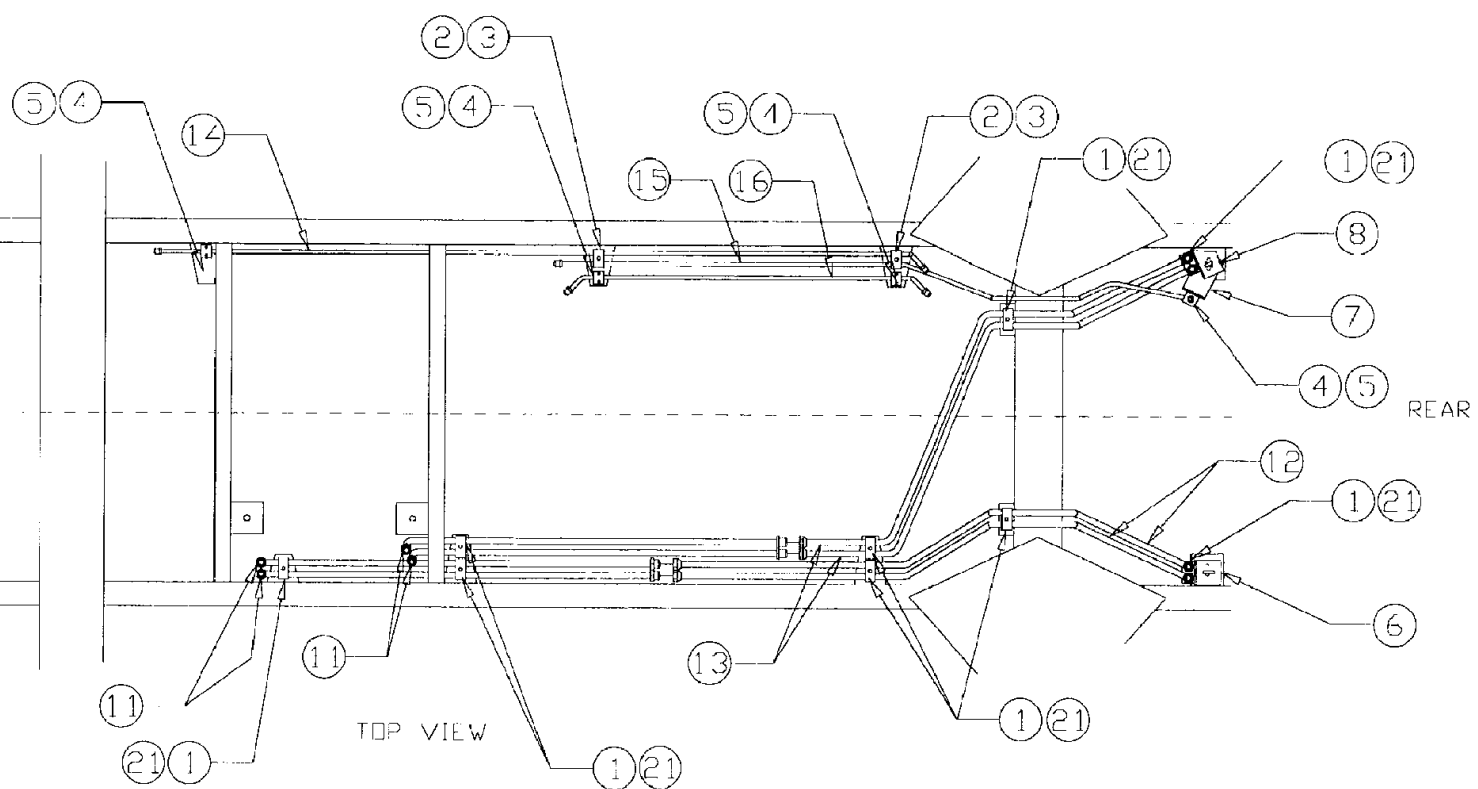
сылка	Номер детали	Кол-во	Описание



PM117

сылка	Номер детали	Кол-во	Описание
1	BN300302	1	BLOCK, BLOCK, swiss cheese
2	BN300303	2	VALVE, HYDRAULIC, VALVE shuttle
3	BN300304	2	VALVE, solenoid, traction
	BN300315	1	ELECTRO-VALVE, KIT seal
4	BN300305	1	VALVE, PRESSURE RELIEF, VALVE relief
	BN300316	1	KIT, seal
5	BN300306	1	COIL, COIL, 12VDC, shift w/male packard connector
6	BN300307	2	COIL, traction, 12VDC
7	BN300308	2	VALVE, SOLENOID, VALVE solenoid, shift
	BN300317	1	KIT, SEALS, KIT seal
8	86632547	4	PLUG, Hex Soc, 5/16"-24 ORB, SAE 2
9	86529630	4	PLUG, Hex Soc, 3/8"-24 ORB, internal hex SAE3
10	278548	1	PLUG, Hex Soc, 7/16"-20 ORB, internal hex SAE 4
11	9625178	1	PLUG, Hex Soc, 9/16"-18 ORB, internal hex SAE 6
12	BN300313	2	PLUG, ORIFICE, .070 load share
13	BN300314	2	ORIFICE, ORIFICE, .020 shift
14	BN301705	1	COIL, COIL, 12VDC, shift w/ female packard connector

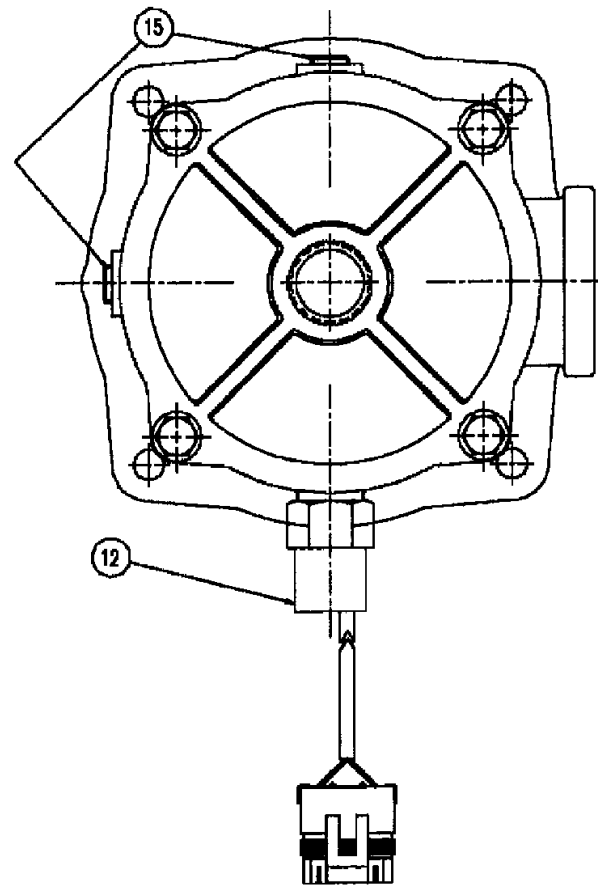
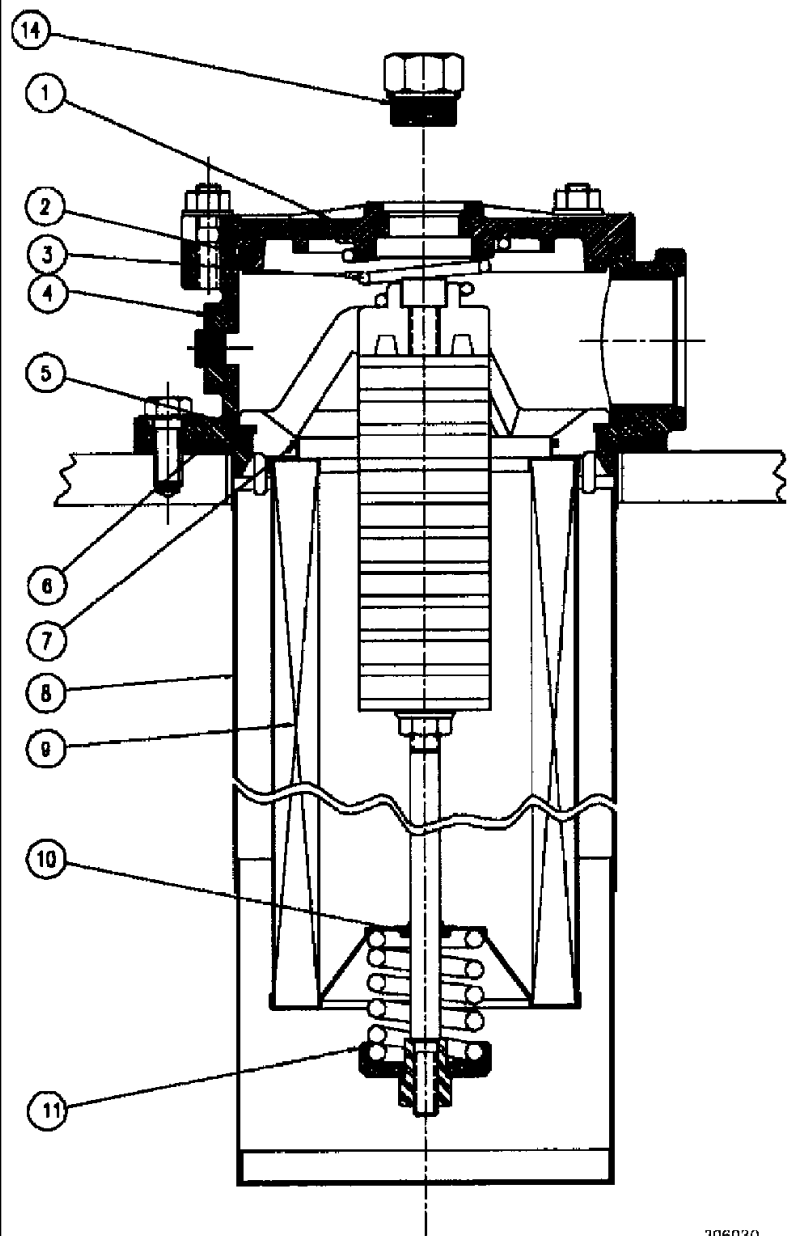




M-A-063

## 06-024 HYDRAULIC PLUMBING - STEEL HYDRAULIC TUBES AND CLAMPS

сылка	Номер детали	Кол-во	Описание
1	BN29778	9	CLAMP, CLAMP dual 3/4" tube
2	BN29779	3	CLAMP, CLAMP dual 1/2" tube
3	BN29781	2	COVER, PLATE cover, dual 1/2"
4	BN29783	4	CLAMP, single 1/2" tube
5	BN29785	4	PLATE, cover single
6	BN29769	1	MOUNTING PARTS,
7	BN29771	1	MOUNTING PARTS,
8	BN29770	1	MOUNTING PARTS,
11	BN24931	4	TUBE, TUBE steel, 3/4", front
12	BN24932	2	TUBE, TUBE steel, 3/4" L.H., rear
13	BN24933	2	TUBE, TUBE steel, 3/4" R.H., rear
14	BN65101	1	TUBE, TUBE steel, 1/2"
15	BN65102	1	TUBE, TUBE steel, 1/2"
16	BN65100	1	TUBE, TUBE steel, 1/2"
21	BN63861	9	COVER, PLATE dual, 3/4"



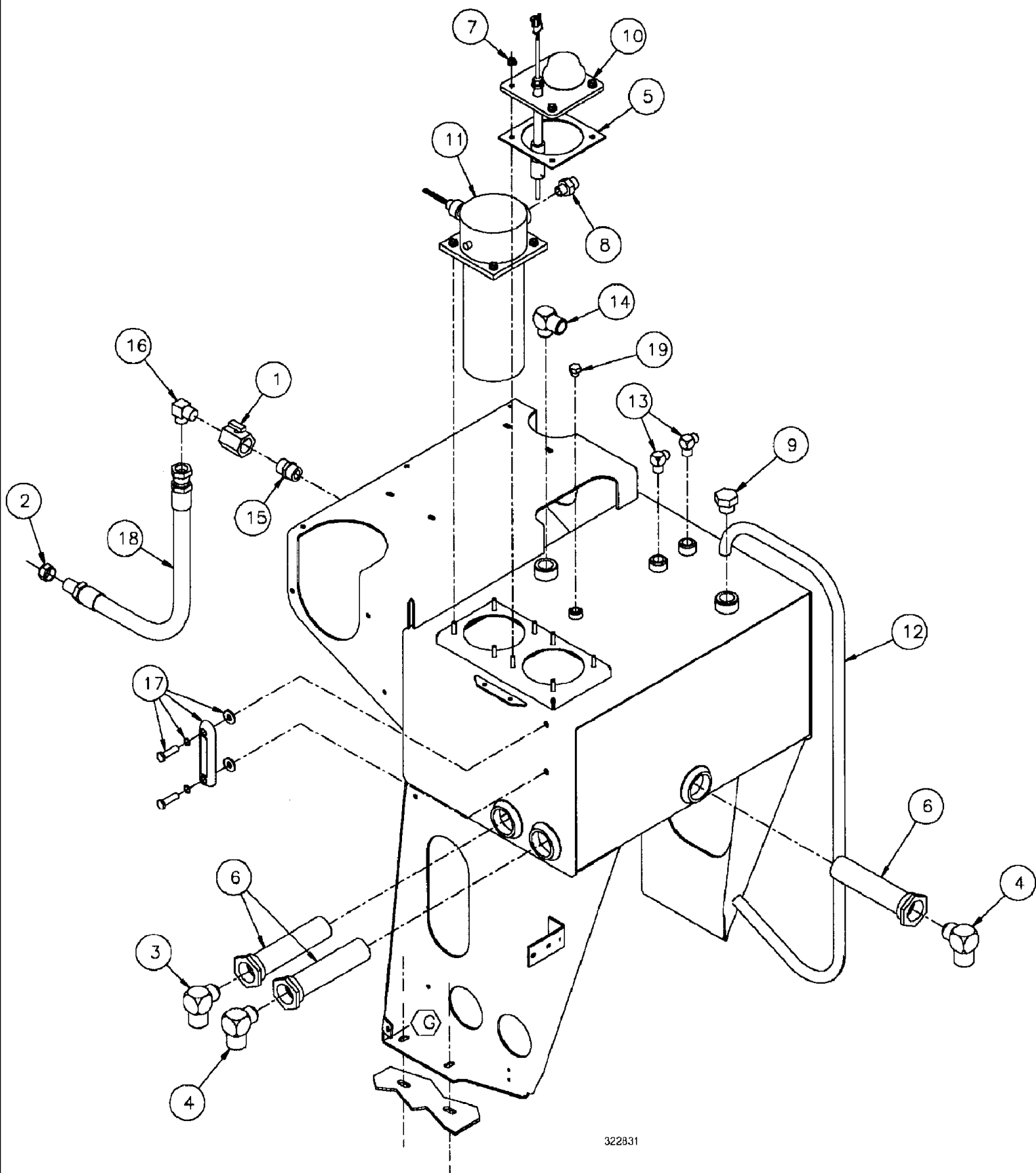
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SPX3185 PATRIOT SPRAYER (10/02- )

06-025 HYDRAULIC PLUMBING - AUX SYSTEM INTAKE RETURN FILTER

сылка	Номер детали	Кол-во	Описание
1	BN54259	1	COVER, FILTER ASSEMBLY
2	BN54260	1	O-RING, cover, filter A
3	BN54261	1	SPRING, COIL, conical
4	BN306202	1	HEAD,
5	BN54263	1	O-RING, insert
6	BN54264	1	GASKET, tank
7	BN306203	1	GASKET, bypass
8	BN306204	1	DIFFUSER,
9	BN306031	1	FILTER, ELEMENT, 6ABS, 12"
10	BN54267	1	O-RING, element
11	BN306205	1	ASSEMBLY, BYPASS
12	BN53955	1	SWITCH, pressure for 53952
14	BN54270	1	PLUG, ext. w/O-ring #12
15	BN306206	2	PLUG, 1/4" NPT

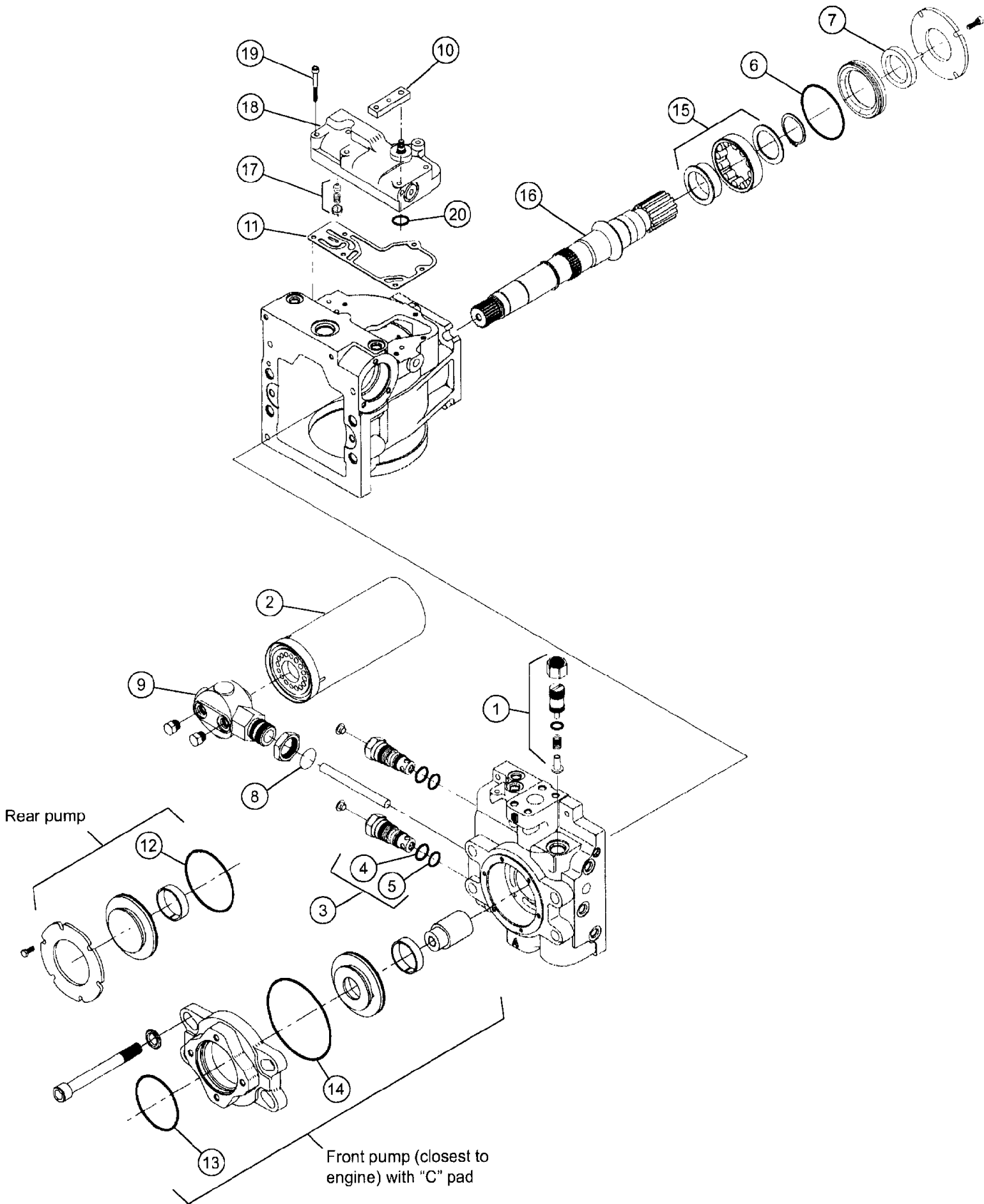
Complete Part # BN306030 (Ref Only)



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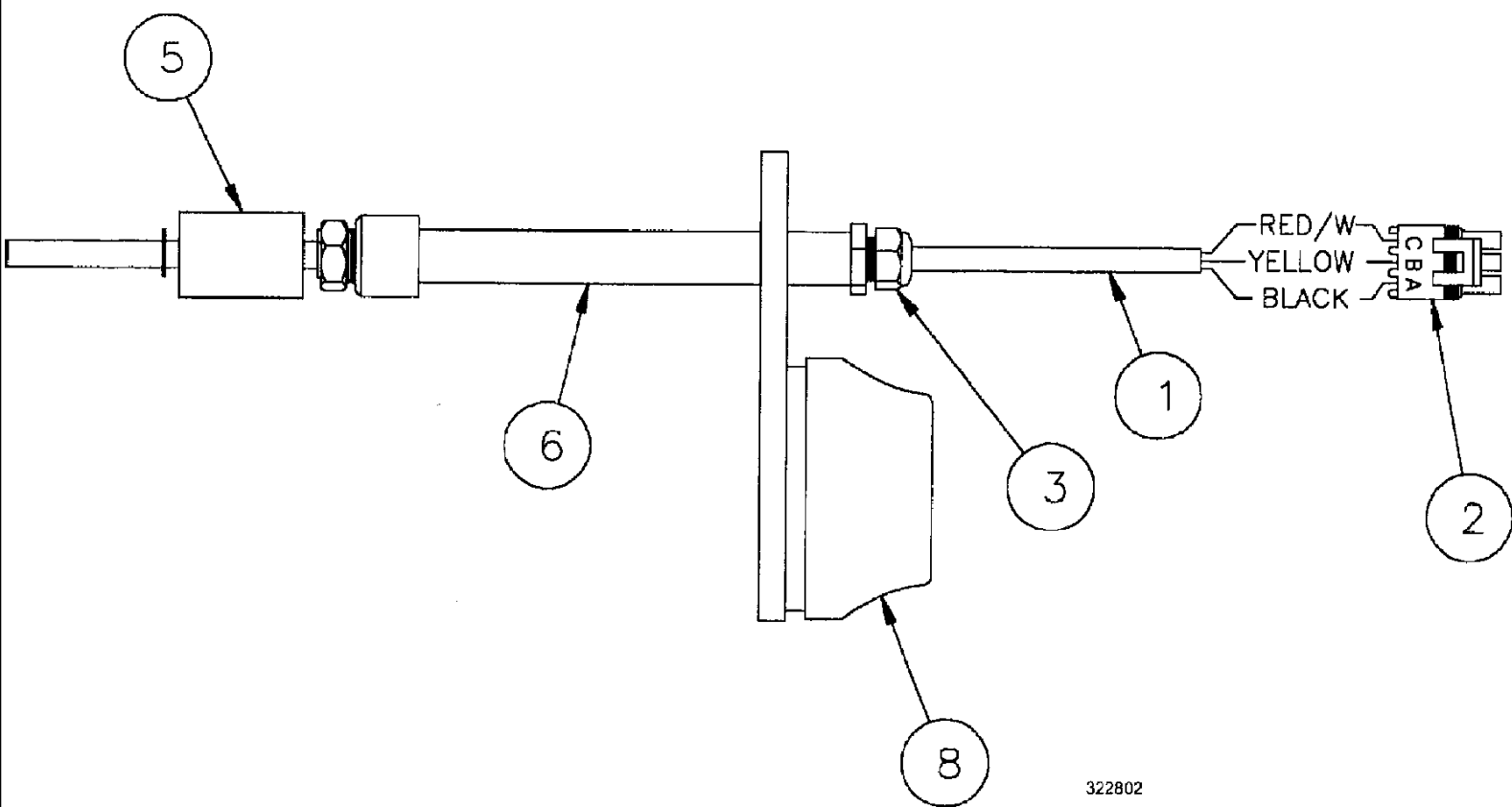
## 06-026 HYDRAULIC PLUMBING - OIL TANK GROUP

сылка	Номер детали	Кол-во	Описание
1	BN53473	1	VALVE, SS, ball, 2 way, 1" NP
2	BN22240	1	CAP, 12 JIC
3	BN52037	1	ADAPTER, FT, adpt, 90 or 37FLR20-24
4	BN52337	2	FITTING, 20MJ-20MB x 90
5	BN302982	1	GASKET, cover plate
6	BN303528	3	STRAINER ASSY., 32MB x -20FB, 100
7	825-5148	8	NUT, M8, Flg Ser,
8	BN315162	1	ADAPTER, FT, OR x JIC 24-16
9	BN60479	1	PLUG, hex, 1-5/16-12 O-ring
10		1	SWITCH level temp, GRP, see Figure 06-030
11		1	FILTER, tank, SAE24, 6ABS, see Figure 06-025
12	BN322808	1	TANK, WELDMENT oil tank
13	BN445001	2	FITTING, 12MJ-12MB x 90
14	BN51621	1	FITTING, 16MJ-16MB x 90
15	BN51656	1	ADAPTER, FT, STR, 1NPTF, ML
16	BN53809	1	FITTING, adpt, 90D, 1" NPT x 1/16" JI
17	BN322594	1	GAUGE, sight w/temperature
18	BN54199	1	HOSE (METRES), 3/4" ID x 30" 100R1
19	BN446048	1	PLUG, hex, O-ring , -6, 9/16-18



сылка	Номер детали	Кол-во	Описание
1	BN300952	1	KIT, charge relief
2	N14232	1	FILTER, ELEMENT hyd., case, Part available only through CNH's Global After Sales Organization.
3	BN67191	2	VALVE SECTION, VALVE multi-function, 90s
4	BN65541	2	O-RING, M/F valve upper
5	BN65542	2	O-RING, M/F valve lower
6	BN65544	1	O-RING, shaft 75CC
7	BN65546	1	SEAL, lip, shaft 75CC
8	BN68470	1	O-RING, filter head, 90pump
9	BN69597	1	MOUNTING PARTS, fltr, 90ser, head only
10	BN67479	1	HANDLE, SS 90 series pump
11	BN68509	1	GASKET, HDC control
12	BN312703	1	O-RING, charge pump cover
13	BN307684	1	O-RING, O-RING, SAE pad
14	BN312705	1	O-RING, aux flange
15	BN318288	1	BEARING, ROLLER,
16	BN318289	1	SHAFT, 14T 12/24, rear pump
16	BN318290	1	SHAFT, 23T 16/32, front pump, closest to engine
17	BN318291	1	KIT, control orifice
18	BN68507	1	CONTROL, HDC, complete
19	BN318292	6	SCREW,
20	BN68508	2	O-RING, O-RING, HDC control shaft



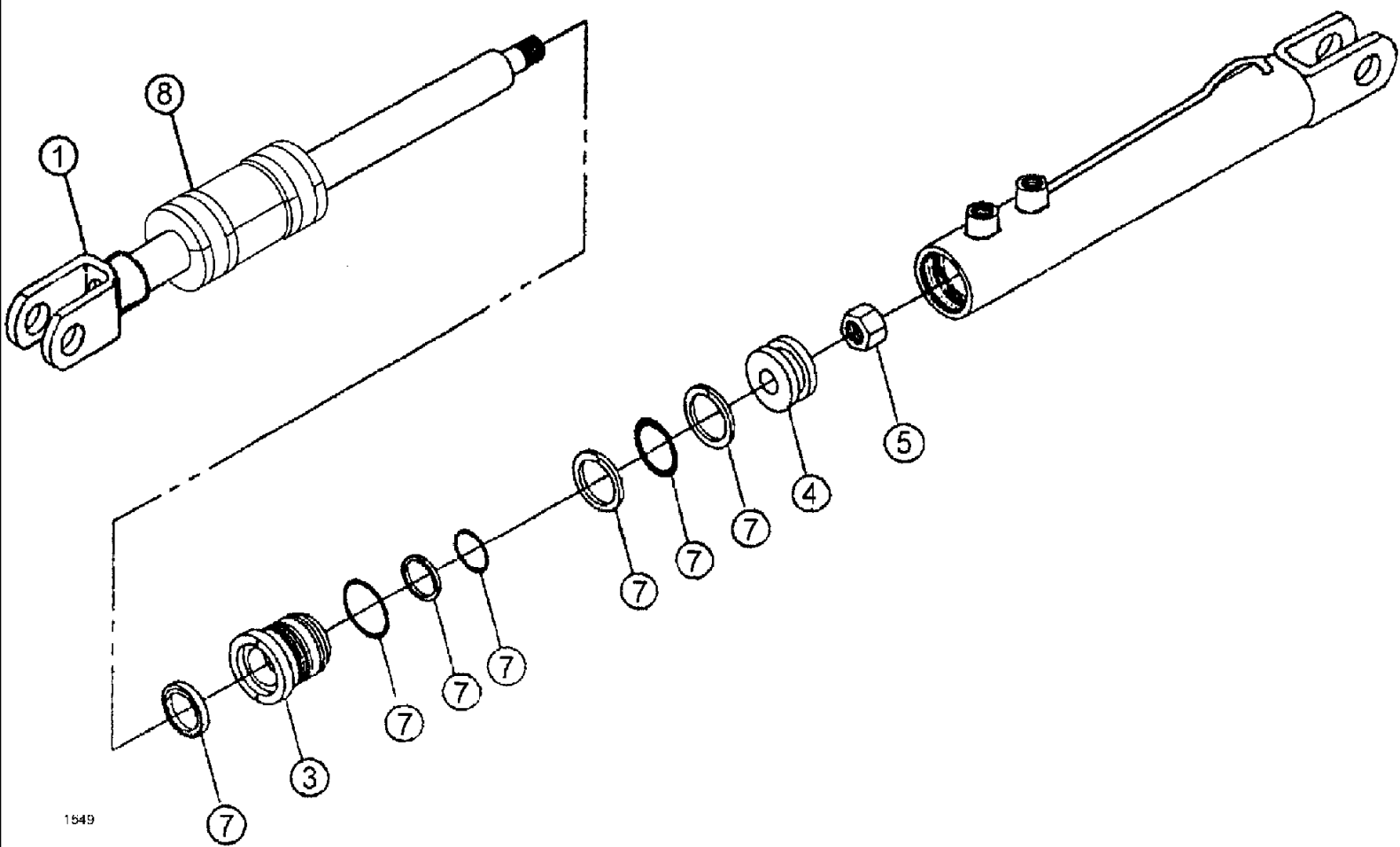


SPX3185 PATRIOT SPRAYER (10/02- )

06-030 HYDRAULIC PLUMBING - LEVEL TEMP SWITCH GROUP

сылка	Номер детали	Кол-во	Описание
1	BN16237	0.84	TUBE, TUBING shrink poly, 1/4"
2	BN303121	1	CONNECTOR, ELEC, CONN. ASSEMBLY, 3 WPAK TWR
3	BN52326	1	RETAINER, HUB seal, 3/8 npt, .236 maxdia
5	BN305129	1	SENSOR, INDICATOR temp-level oil
6	BN323451	1	PLATE, PLATE, temp level, WLDMNT
8	BN304339	1	FILTER, AIR, press valve

Complete Part # BN322802 (Ref Only)



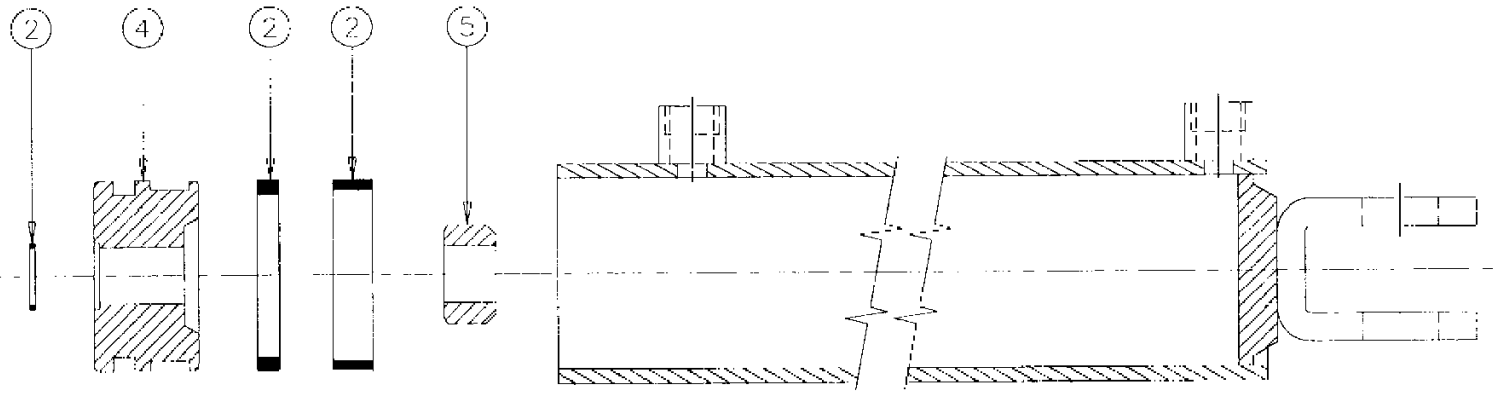
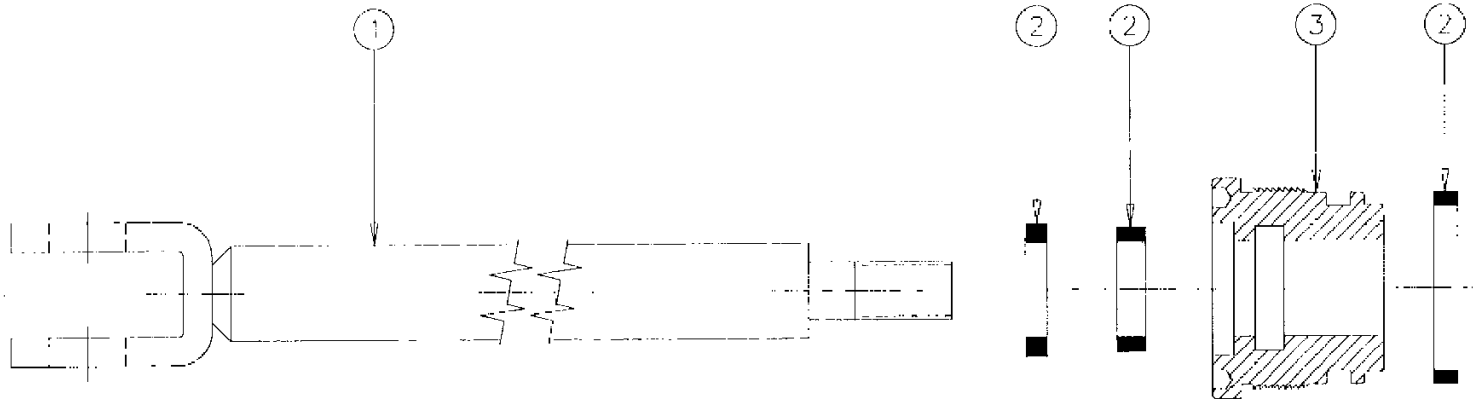
1549

SPX3185 PATRIOT SPRAYER (10/02- )

07-002 CYLINDERS - AXLE ADJUST

сылка	Номер детали	Кол-во	Описание
1	BN314008	1	ROD, ROD weldment
3	BN98650	1	GLAND, end
4	BN98651	1	PISTON,
5	BN98093	1	NUT, LOCK, jam
7	BN98643	1	PACKAGE, SEALS, KIT seal, This is a complete seal kit. Parts shown are for the screw-on end gland. When replacing - take note on how old seals are positioned.
8	BN25886	12	STOP, CYL stop, axle adjust, 1.25" ID x 4"

Complete Part # BN25486 (Ref Only)



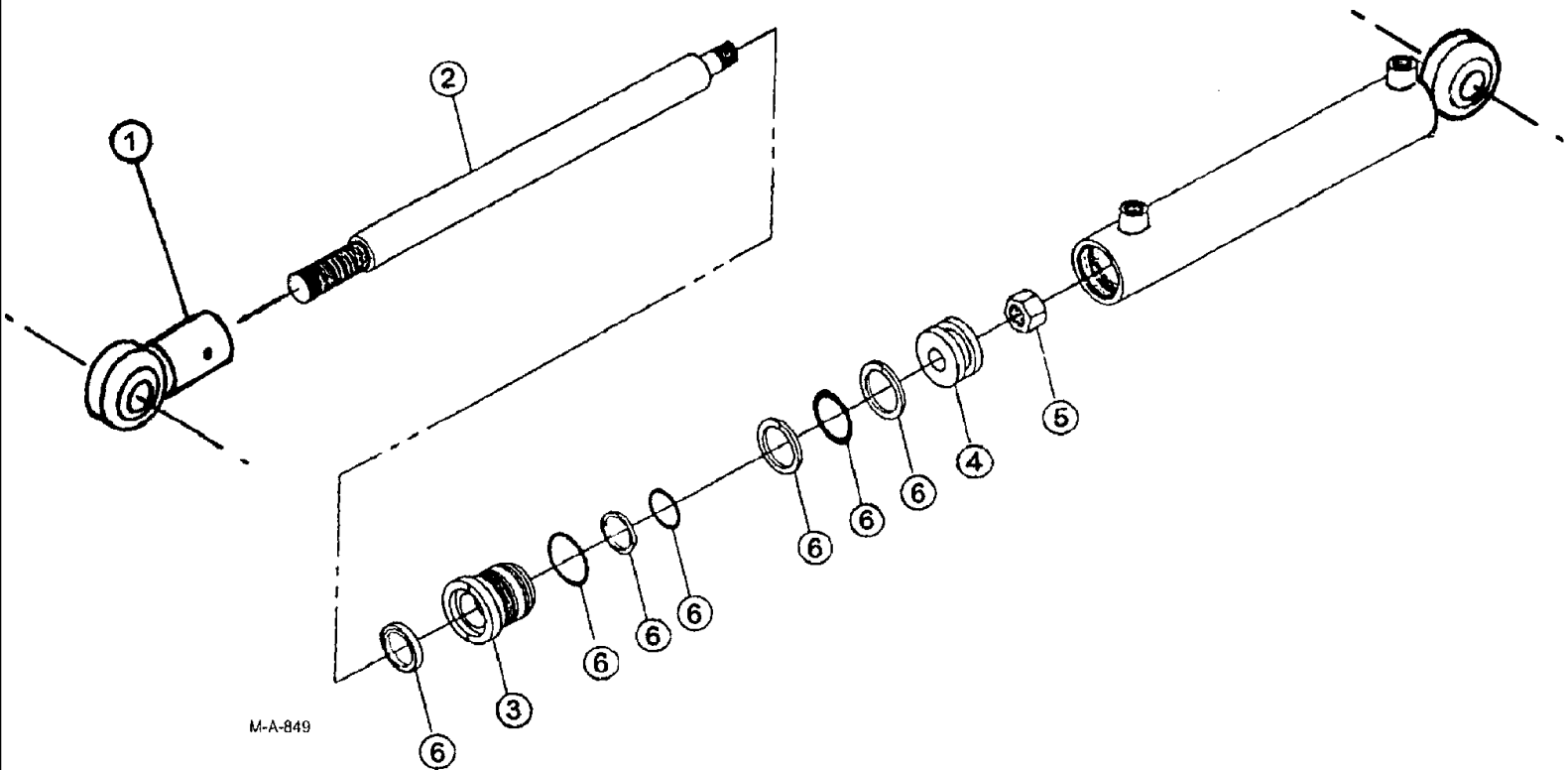
68696

SPX3185 PATRIOT SPRAYER (10/02- )

07-003 CYLINDERS - BOOM HEIGHT

сылка	Номер детали	Кол-во	Описание
1	BN68842	1	ROD, ROD weldment, cylinder
2	BN98624	1	KIT seal, This is a complete seal kit. Parts shown are for the screw-on end gland. When replacing - take note on how old seals are positioned.
3	BN98656	1	GLAND, end
4	BN98657	1	PISTON,
5	BN98093	1	NUT, LOCK, jam

Complete Part # BN68696 (Ref Only)



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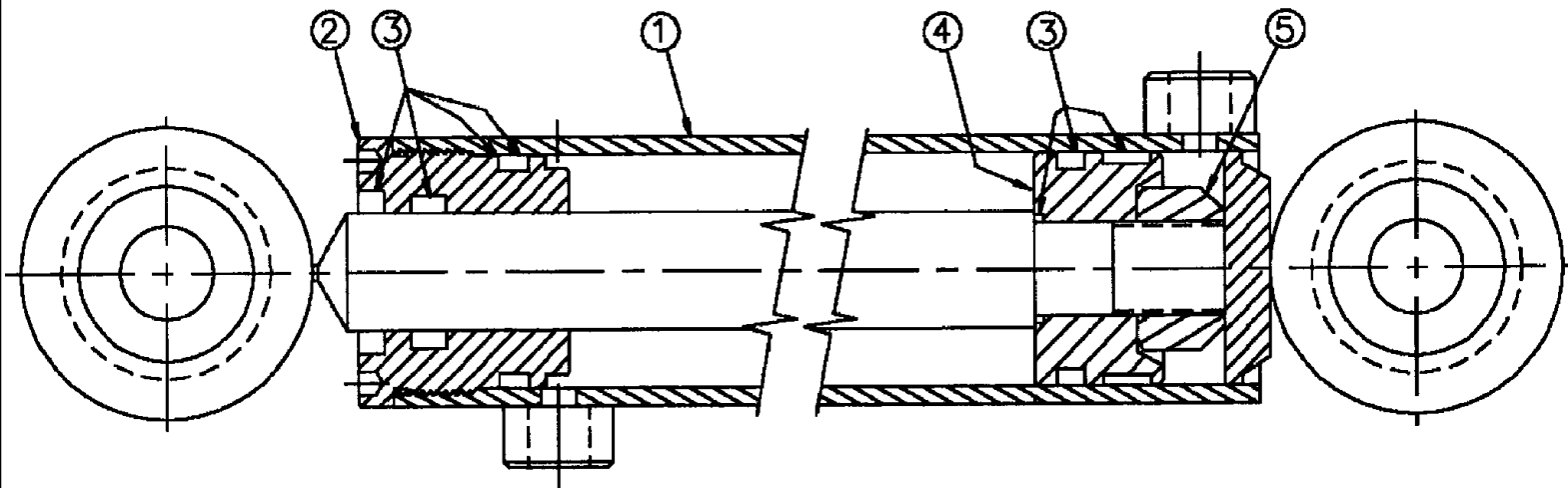
SPX3185 PATRIOT SPRAYER (10/02- )

07-004 CYLINDERS - INNER BOOM FOLD (75' BOOM)

сылка	Номер детали	Кол-во	Описание
1	BN98291	1	BALL, CLEVIS weldment
2	BN98515	1	SHAFT, ROD cylinder
3	BN98522	1	GLAND, GLAND end
4	BN98523	1	PISTON, PISTON
5	BN98093	1	NUT, LOCK, jam
6	BN68490	1	KIT, SEALS, KIT seal, This is a complete seal kit. Parts shown are for the screw-on end gland. When replacing - take note on how old seals are positioned.

Complete Part # BN52305 (Ref Only)



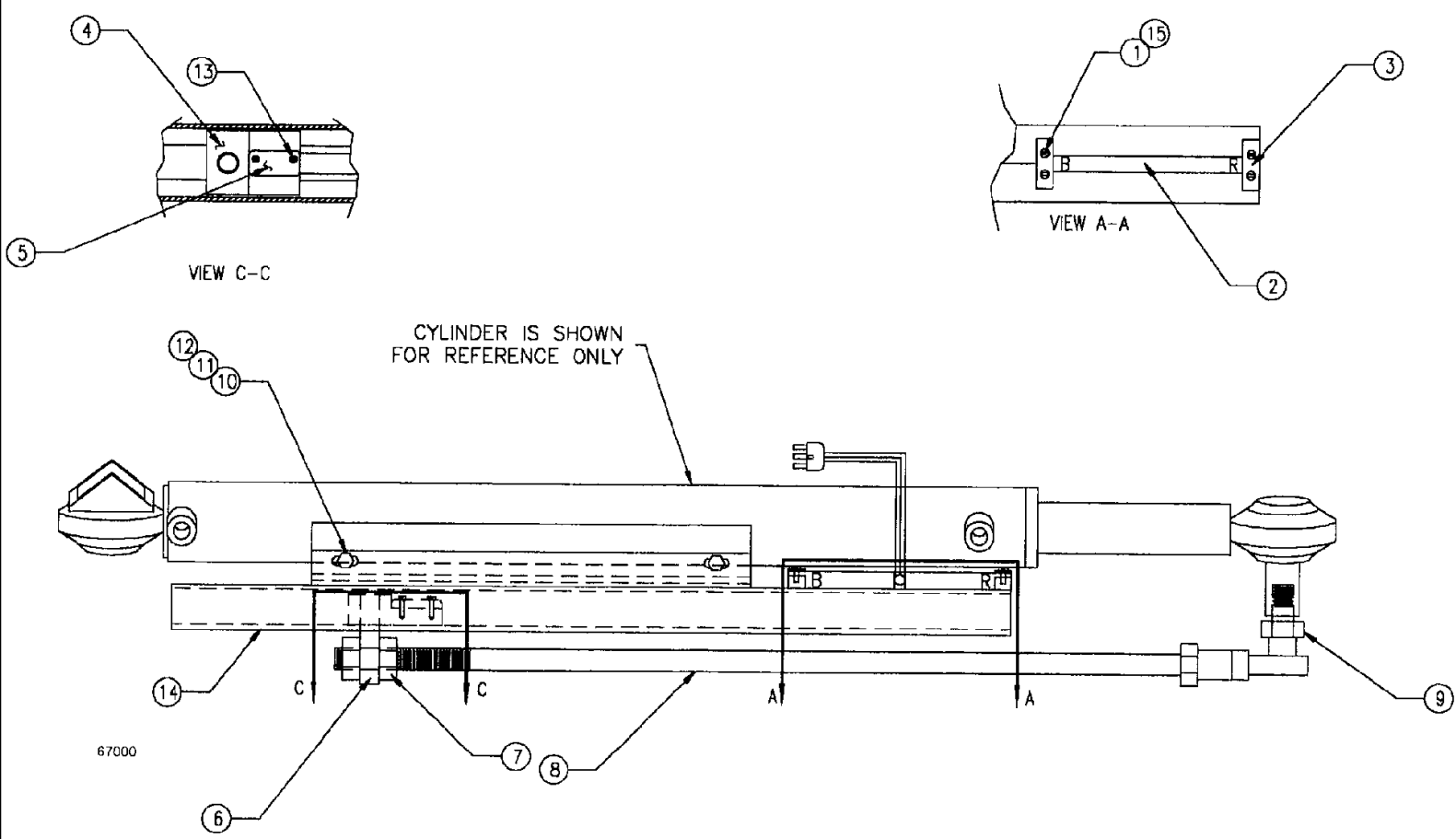


314915

SPX3185 PATRIOT SPRAYER (10/02- )

07-005 CYLINDERS - INNER BOOM FOLD (90' BOOM)

сылка	Номер детали	Кол-во	Описание
1	BN314923	1	TUBE, aurelius
2	BN69786	1	GLAND, end
3	BN69787	1	SEAL, KIT, This is a complete seal kit. Parts shown are for the screw-on end gland. When replacing - take note on how old seals are positioned.
4	BN69789	1	PISTON,
5	BN69790	1	NUT, LOCK,
	BN324139	1	PIVOT, CYL, wldmnt, boom pivot
	BN324138	1	PIVOT, CYL, wldmnt, boom pivot

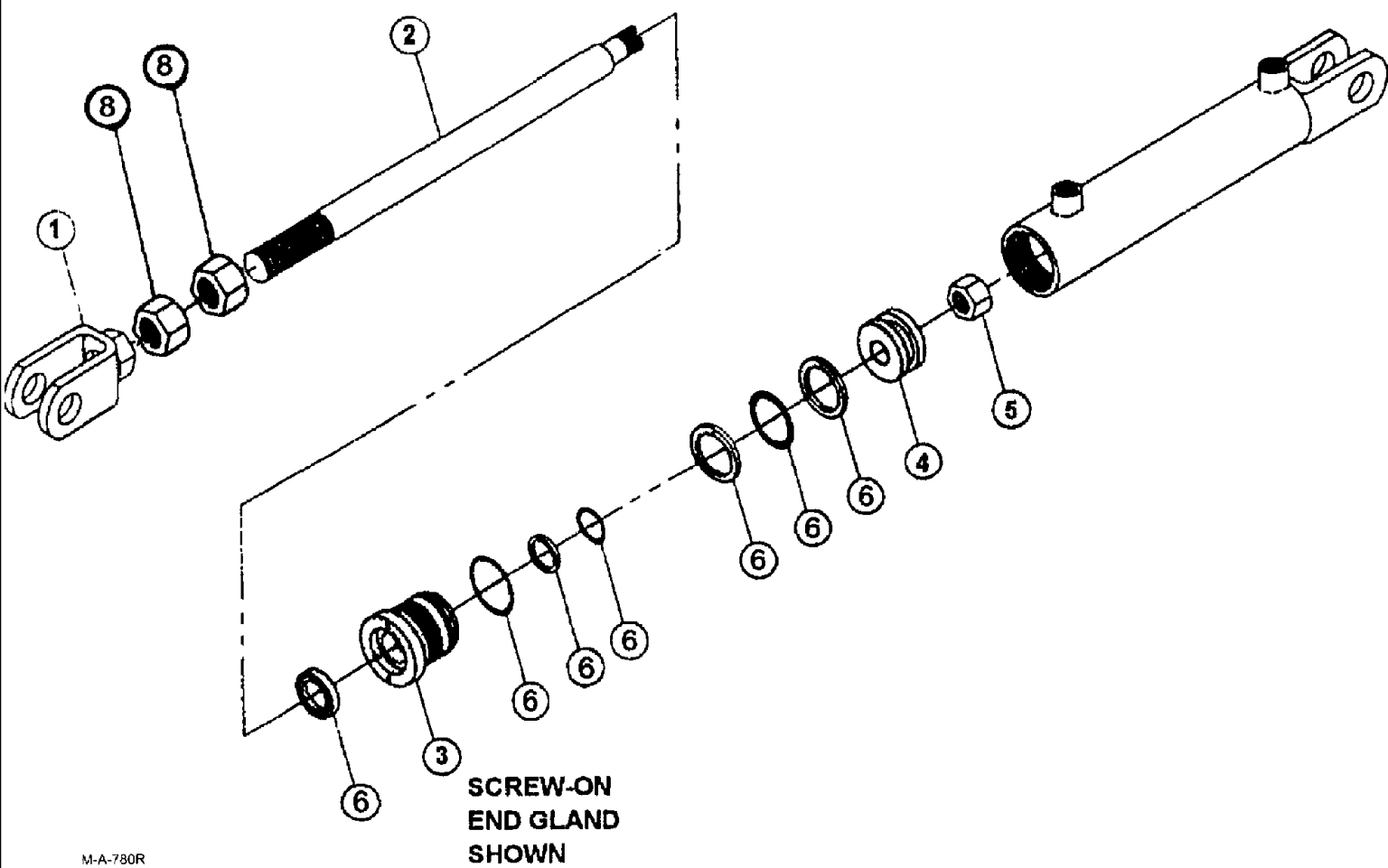


SPX3185 PATRIOT SPRAYER (10/02- )

07-006 CYLINDERS - SWITCH MOUNTING - SELF CENTERING (90° BOOM)

сылка	Номер детали	Кол-во	Описание
1	BN67419	4	BOLT, slot head, 8-32 x .38
2	BN315230	1	SWITCH, proximity autocenter
3	BN67416	2	MOUNTING PARTS, tab switch
4	BN66995	1	ACTUATOR, slide block
5	BN66993	1	ACTUATOR, magnetic
6	BN67001	1	ROD, eye .625
7	BN50083	4	NUT, NUT hex, 5/8-18, SS
8	BN67262	1	ROD, threaded, 5/8-18
9	BN67261	1	ROD, eye .625
10	BN50054	4	NUT, NUT hex, 1/4-20, SS
11	BN50671	4	BOLT, 1/4-20 x 1.0, SS
12	BN50140	4	WASHER, spring lock, 1/4, SS
13	BN67421	2	SCREW, #6 x .56 type AB
14	BN67417	1	TUBE, wldt switch

Complete Part # BN67000 (Ref Only)



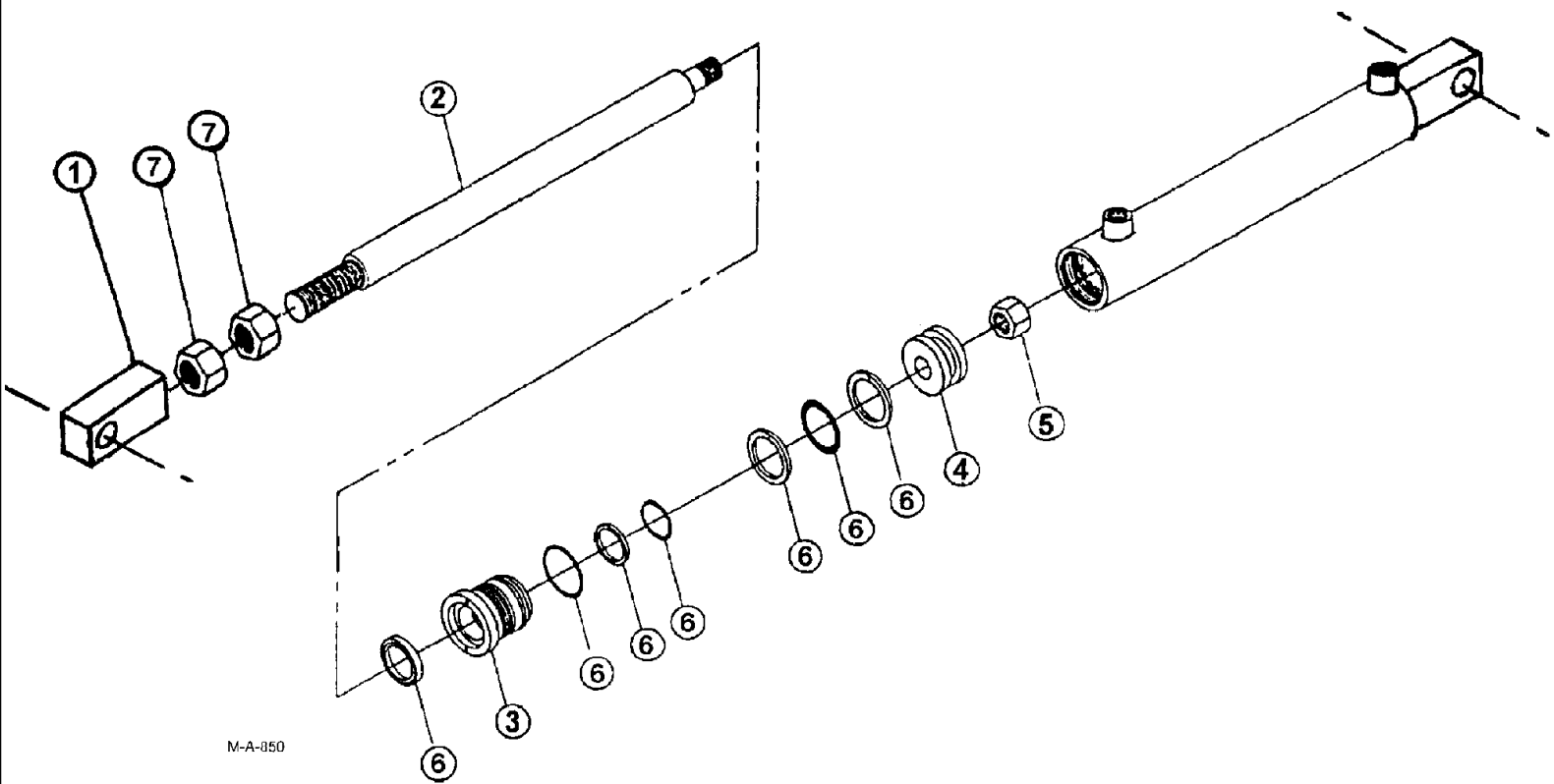
M-A-780R

SPX3185 PATRIOT SPRAYER (10/02- )

07-007 CYLINDERS - OUTER BOOM FOLD

сылка	Номер детали	Кол-во	Описание
1	BN92395	1	CLEVIS, CLEVIS weldment
2	BN95002	1	SHAFT, ROD cylinder
3	BN92353	1	GLAND, GLAND end
4	BN98091	1	PISTON, PISTON
5	BN98093	1	NUT, LOCK, jam
6	BN98180	1	KIT, SEALS, KIT seal, This is a complete seal kit. Parts shown are for the screw-on end gland. When replacing - take note on how old seals are positioned.
8	BN98521	2	jam

Complete Part # BN51461 (Ref Only)



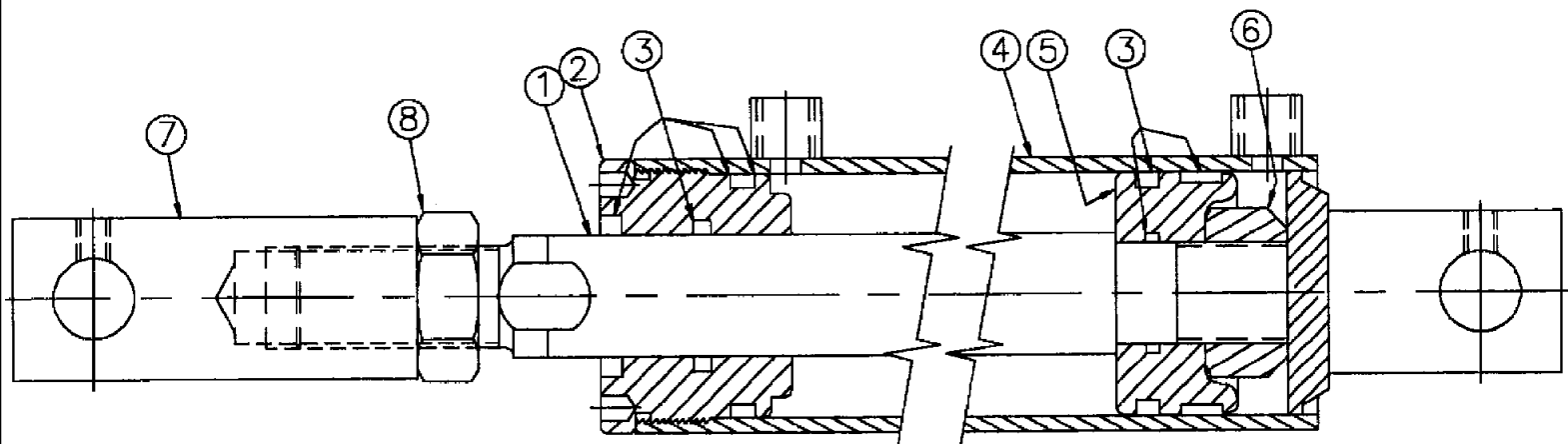
SPX3185 PATRIOT SPRAYER (10/02- )

07-008 CYLINDERS - BOOM LEVEL (75' BOOM)

сылка	Номер детали	Кол-во	Описание
1	BN98519	1	CLEVIS, CLEVIS
2	BN98520	1	ROD, ROD cylinder
3	BN98517	1	GLAND, GLAND end
4	BN98518	1	PISTON, PISTON
5	BN98093	1	NUT, LOCK, jam
6	BN98340	1	KIT, SEALS, KIT seal, This is a complete seal kit. Parts shown are for the screw-on end gland. When replacing - take note on how old seals are positioned.
7	BN98521	2	NUT jam

Complete Part # BN53806 (Ref Only)





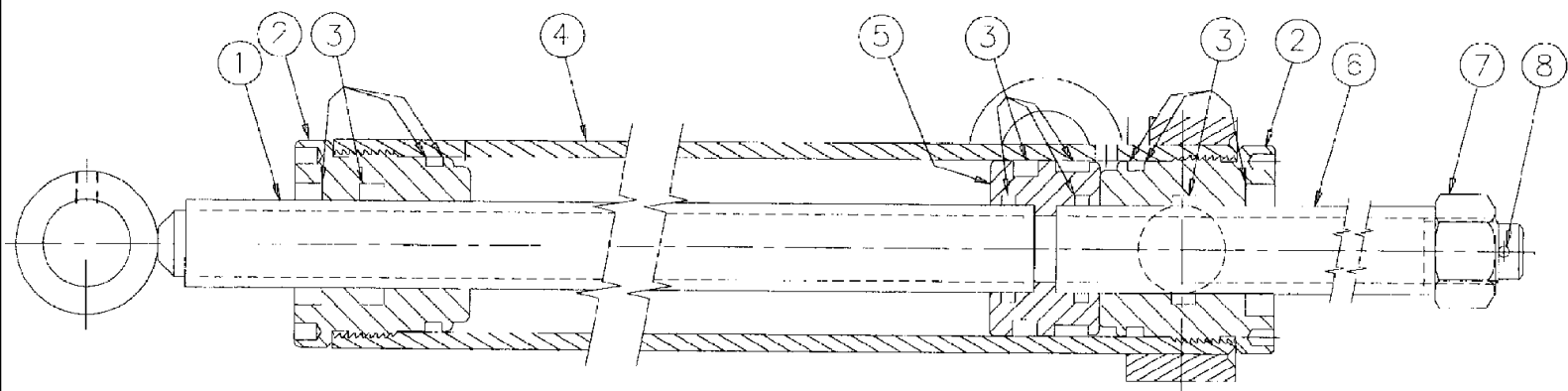
318293

SPX3185 PATRIOT SPRAYER (10/02- )

07-009 CYLINDERS - BOOM LEVEL (90' BOOM)

сылка	Номер детали	Кол-во	Описание
1	BN300160	1	CLEVIS, ADJUSTABLE, SHAFT, cylinder rod
2	BN67667	1	GLAND, end
3	BN305496	1	PACKAGE, SEALS, KIT, This is a complete seal kit. Parts shown are for the screw-on end gland. When replacing - take note on how old seals are positioned.
4	BN322918	1	TUBE ASSEMBLY
5	BN305498	1	PISTON,
6	BN300161	1	NUT, LOCK, 1.25, 12UNF
7	BN319096	1	CLEVIS, CLEVIS, cyl.
8	BN300163	1	NUT, LOCK, jam 1.25, 12UNF

Complete Part # BN318293 (Ref Only)



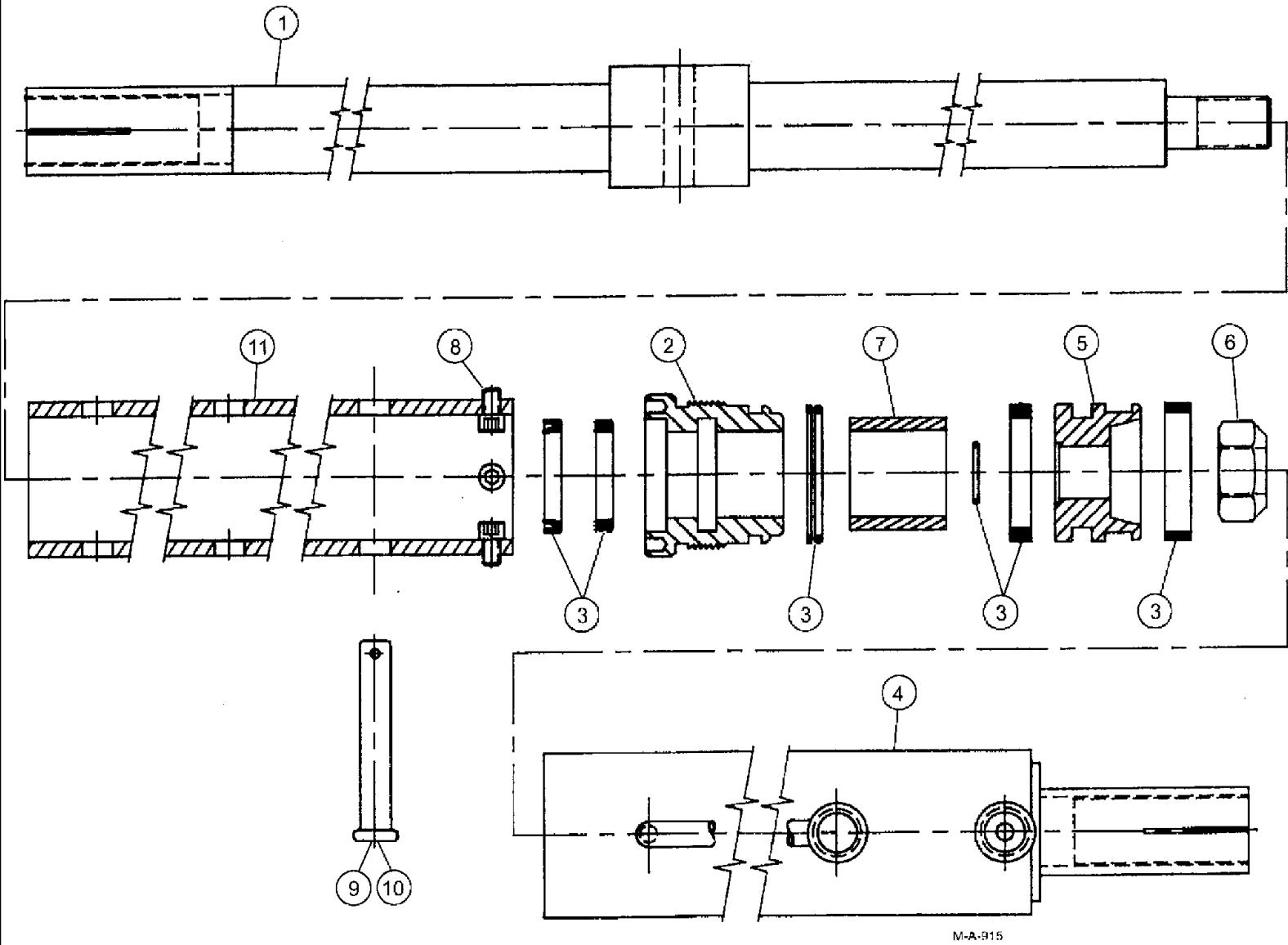
68782

SPX3185 PATRIOT SPRAYER (10/02- )

07-010 CYLINDERS - STEERING

сылка	Номер детали	Кол-во	Описание
1	BN98865	1	SHAFT, SHAFT weldment
2	BN98872	1	GLAND, GLAND end
3	BN98869	1	KIT, SEALS, KIT seal
4	BN98870	1	TUBE, TUBE weldment
5	BN98867	1	PISTON, PISTON
6	BN98866	1	TUBE, TUBE shaft
7	BN98871	1	NUT, LOCK, 3/4-16UNF
8	BN98868	1	PIN, ROLL, PIN roll

Complete Part # BN68782 ( Ref Only)

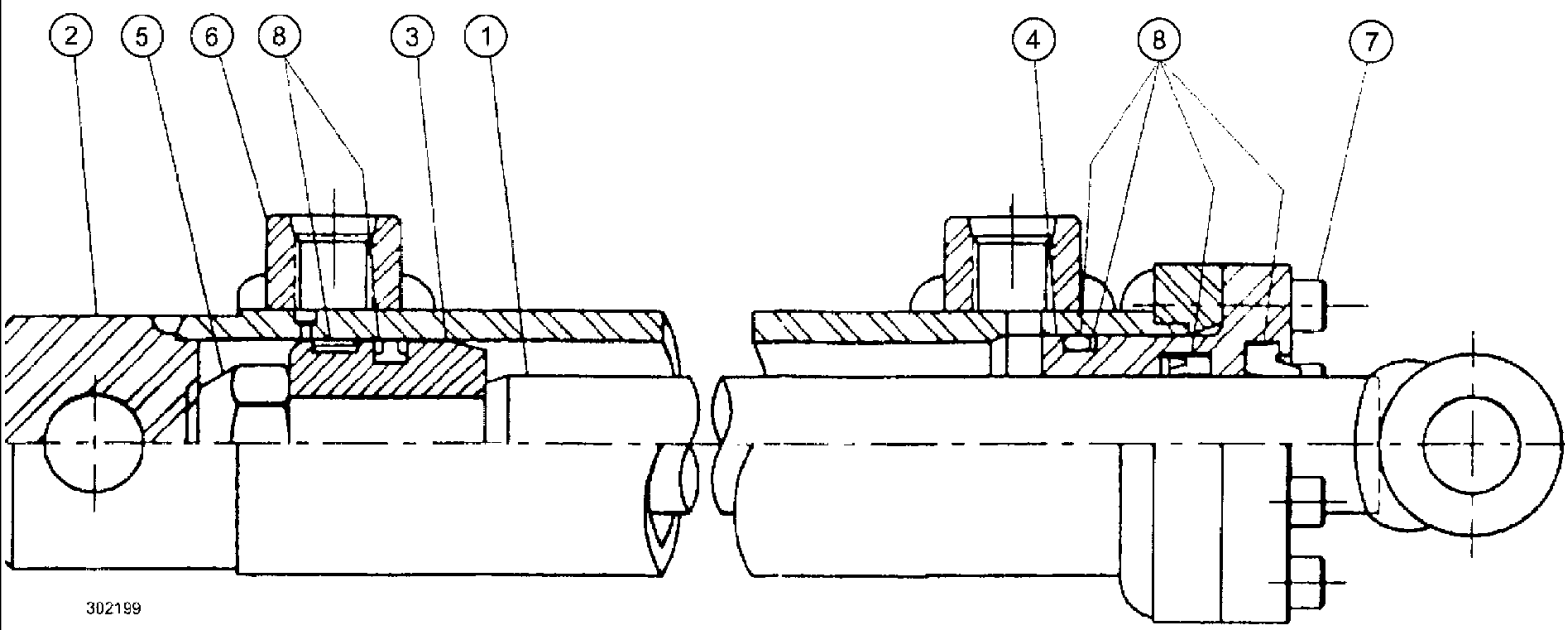


SPX3185 PATRIOT SPRAYER (10/02- )

07-011 CYLINDERS - TIE ROD

сылка	Номер детали	Кол-во	Описание
1	BN98705	1	SHAFT, SHAFT weldment
2	BN98338	1	GLAND end
3	BN98178	1	KIT, SEALS, KIT seal, This is a complete seal kit. Parts shown are for the screw-on end gland. When replacing - take note on how old seals are positioned.
4	BN98706	1	TUBE, TUBE weldment
5	BN98339	1	PISTON
6	BN98093	1	NUT, LOCK, 3/4-16UNF
7	BN98707	1	BLOCK, BLOCK stroke
8	BN98703	4	SCREW, GUIDE nylon
9	BN98701	1	PIN, PIN 7/16"
10	BN98702	1	PIN, SPLIT (COTTER), COTTER hair pin
11	BN98649	1	TUBE, TUBE adj. cyl. stop

Complete Part # BN53963 (Ref Only)



302199

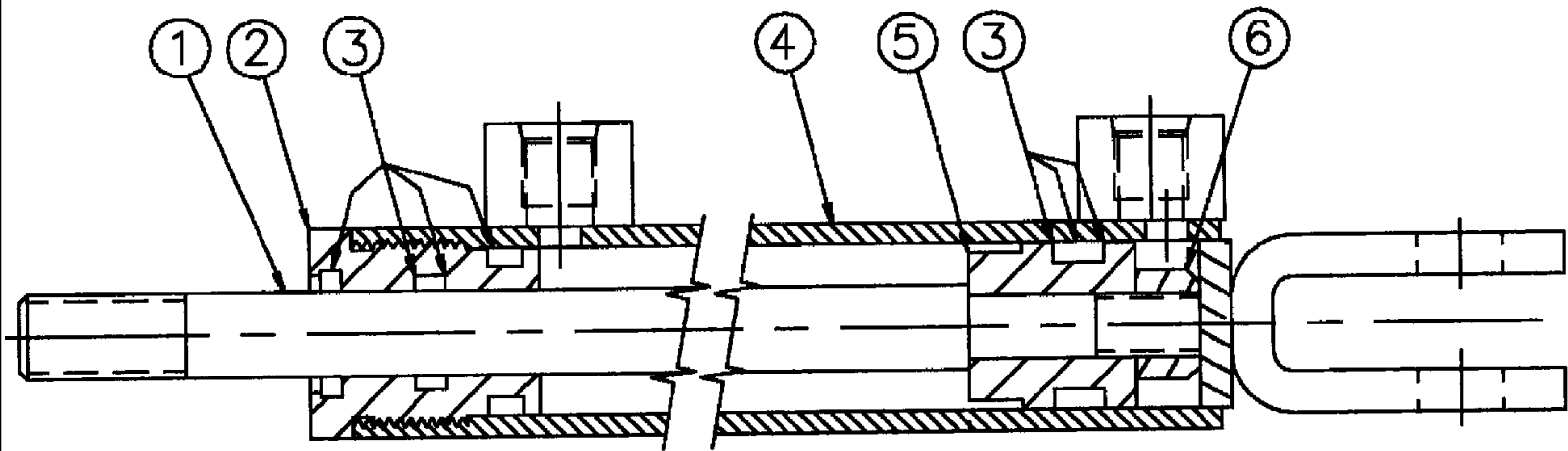
SPX3185 PATRIOT SPRAYER (10/02- )

07-012 CYLINDERS - ACTIVE SUSPENSION

сылка	Номер детали	Кол-во	Описание
1	BN312661	1	ROD, PISTON, PISTON ROD ASSEMBLY
2	BN312662	1	BUTT & TUBE ASSEMBLY
3	BN312663	1	PISTON, PISTON
4	BN312664	1	GLAND, GLAND
5	BN312665	1	LOCKNUT
6	BN312666	2	PLUG port
7	BN312667	8	SCREW, SCREW socket head cap
8	BN309768	1	KIT, SEALS, KIT seal

Complete Part # BN302199 (Ref Only)





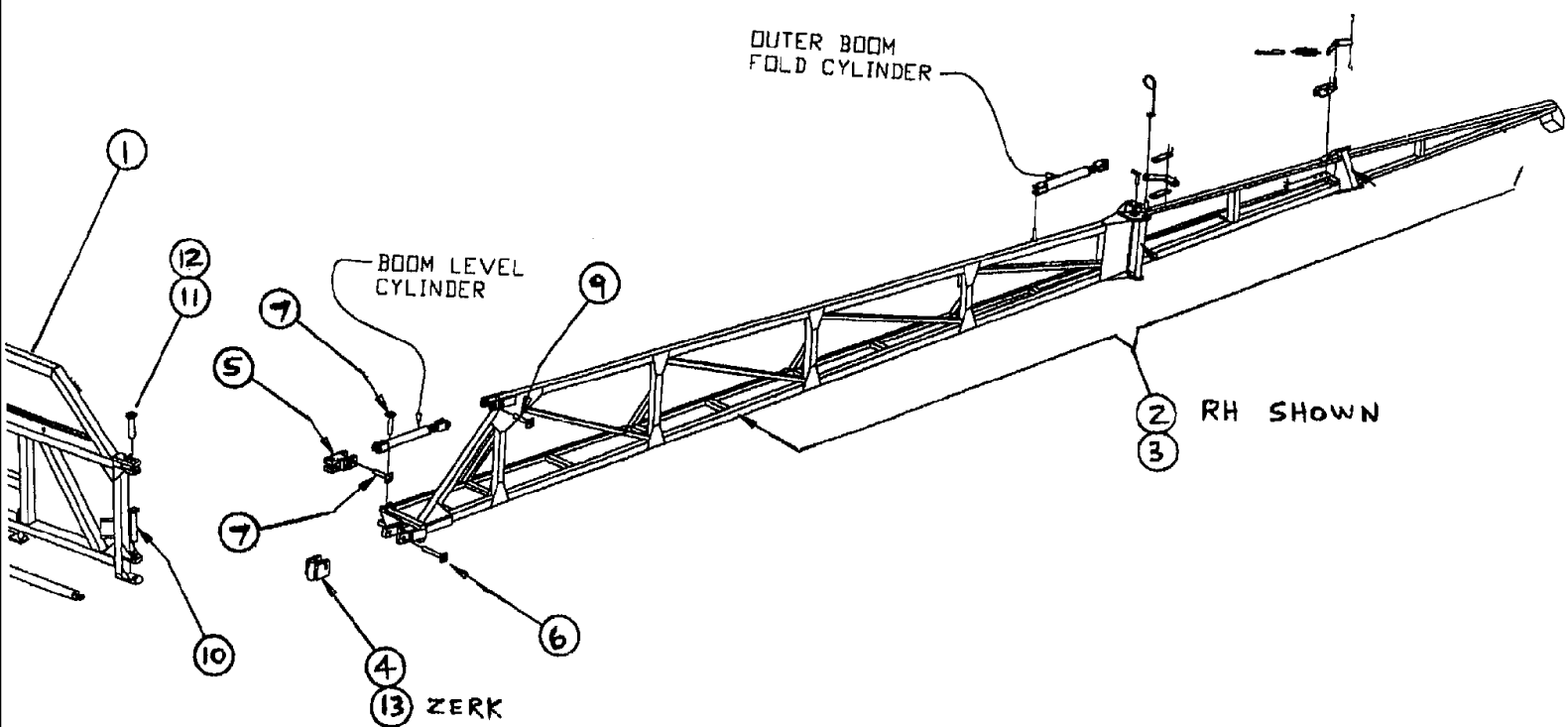
304687

SPX3185 PATRIOT SPRAYER (10/02- )

07-013 CYLINDERS - HYDRAULIC LADDER

сылка	Номер детали	Кол-во	Описание
1	BN313149	1	SHAFT,
2	BN67682	1	GLAND, end, 1/2 x 1
3	BN67683	1	SEAL, KIT, 1/2 x 1
4	BN313150	1	TUBE, weldment
5	BN67685	1	PISTON, cyl, 1/2 x 1
6	BN313151	1	NUT, LOCK, 3/8-16, UNC

Complete Part # BN304687 (Ref Only)



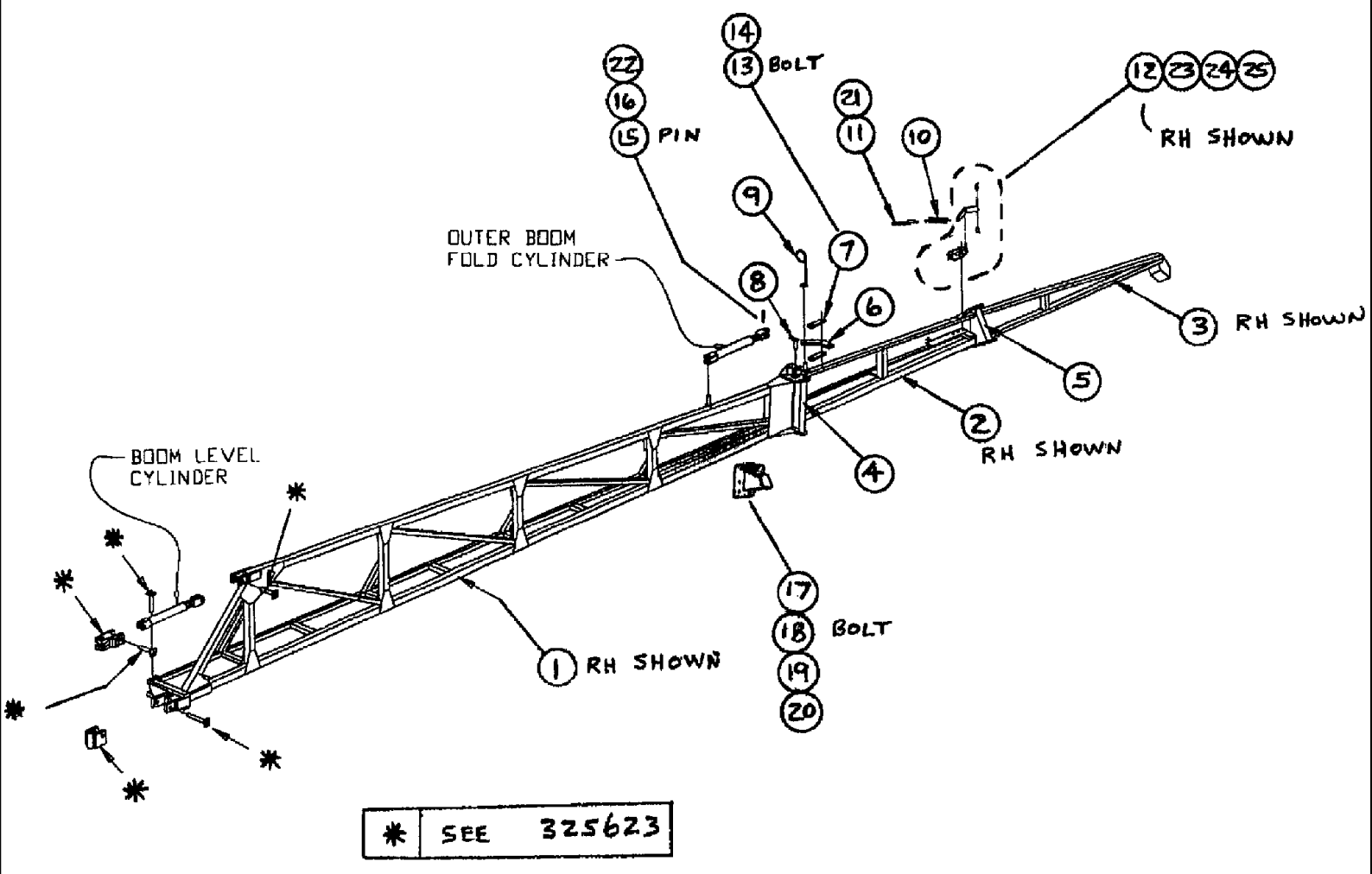
325623

SPX3185 PATRIOT SPRAYER (10/02- )

08-002 BOOMS - BOOM GROUP, 75'

сылка	Номер детали	Кол-во	Описание
1		1	GRP center sec., 75', 785, see Figure 98-009
2		1	ASSEMBLY, RH boom, 75' STD., see Figure 08-005
3		1	ASSEMBLY, LH boom, 75' STD., see Figure 08-007
4	342516A1	2	PIVOT, PIVOT wldmt. lwr, 75' bm
5	BN300282	2	KIT, SWIVEL ASSEMBLY
6	BN65153	2	PIN, PIN wldmt, 1.00 x 6.25
7	BN65152	4	PIN, PIN wldmt, 1.00 x 4.75
9	BN65154	2	PIN, PIN wldmt, 1.00 x 3.75
10	BN65220	2	PIN, wldmt, 1.25" x 6.875
11	BN300279	2	PIN, weldment
12	BN52330	12	PIN, ROLL, 1/4 x 1-3/4
13	BN10465	4	NIPPLE, LUBE, ZERK grease, 1/4"-28 STR.

Complete Part # BN325623 (Ref Only)



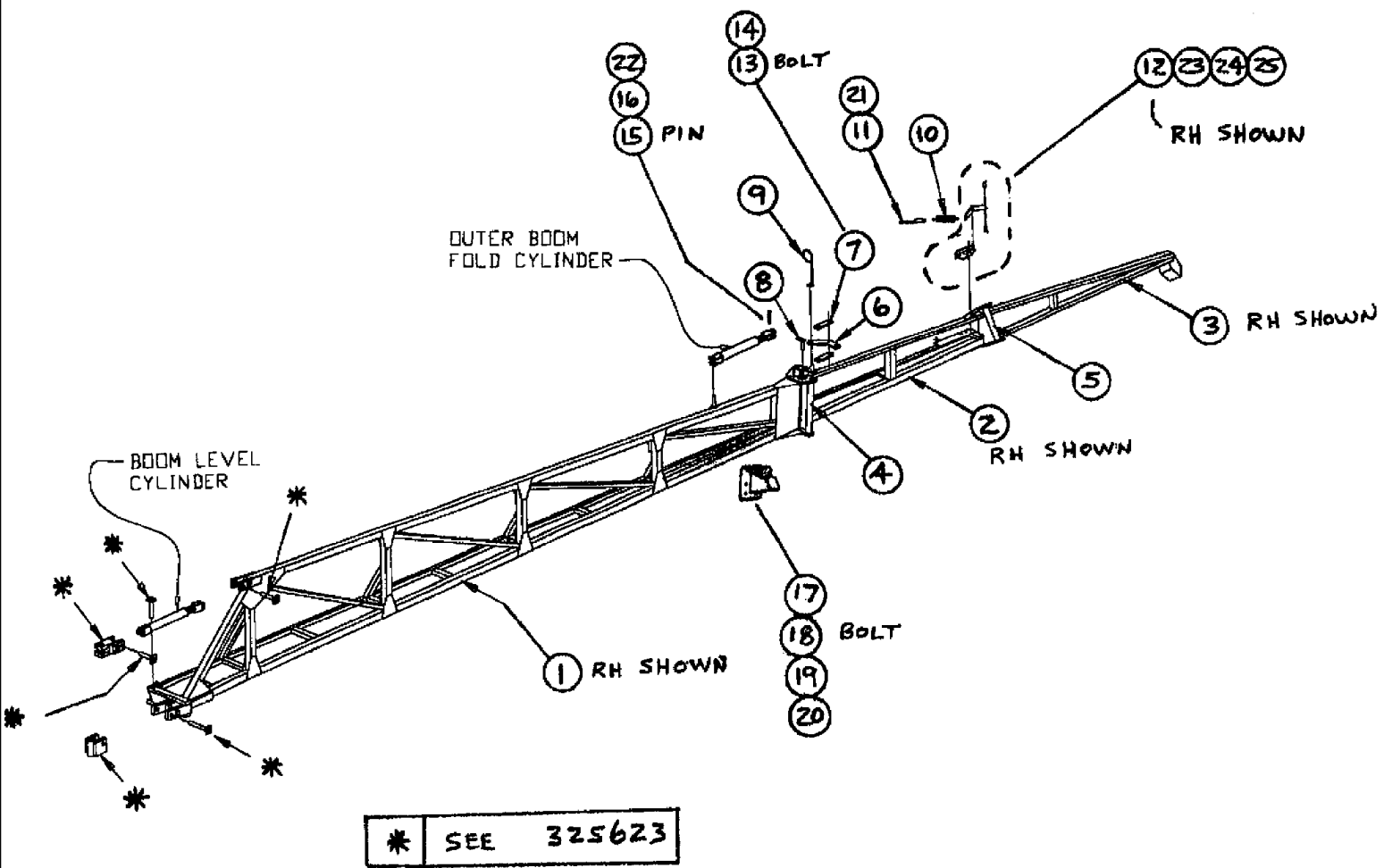
27237

## SPX3185 PATRIOT SPRAYER (10/02- )

## 08-004 BOOMS - BOOM ASSEMBLY, RH, 75'

сылка	Номер детали	Кол-во	Описание
1	BN24390A	1	BOOM, BOOM, RH, inner 75'
2	BN310958	1	BOOM, BOOM, RH, wldmt fold
3	BN310869	1	BOOM, BOOM, RH, wldmt breakaway
4	BN09270	1	PIN, PIN weldment 75' boom
5	BN24487	1	PIN, PIN wldmt 75' boom
6	BN21414A	1	BAR, BAR link, 3/4" HRS 4.62 x 9.06
7	BN21410A	2	BAR, BAR link, 1/2" x 1.5 HRS x 5.75
8	BN22456	1	PIN, PIN wldmt, boom pivot
9	BN24490	1	BRACKET, BRACKET wldmt, hose guide
10	BN24468	1	SPRING, SPRING tension, 1.25 x 5.5
11	BN310970	1	BRACKET, TAKEUP wldmt, spring OR DR
12	BN27485	1	HDWE pkg, RH brkaway, 75' bm
	231-4146	4	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB
	BN24500	1	BRACKET, MNTR wldmt 75' boom latch
	BN50258	1	BOLT, hex head, 3/8-16 x 1.25, SS
	231-4148	1	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
	BN24452	1	PIN, LATCH weldment 75' boom
	BN19820	2	SPACER, SPACER plastic, .37 ID x 1.42
13	413-1248	1	BOLT, Hex, 3/4"-10 x 3", G5,
14	231-41412	3	NUT, LOCK, 3/4"-10, GB, hex head, 3/4-10, TLN, GB
15	BN23177	1	PIN, HEADED, wldmt, 1.0 dia. x 2.5
15	413-516	1	BOLT, Hex, 5/16"-18 x 1", G5, Full Thd, hex head, 5/16-18 x 1, G5
16	BN50601	4	PIN, SPLIT (COTTER), 3/16 x 2
17	BN67185	1	CRADLE, BOOM cradle wldt
18	413-512	4	BOLT, Hex, 5/16"-18 x 3/4", G5, Full Thd, hex head, 5/16-18 x .75, G5
19	BN50141	4	WASHER, 5/16, FW, G5
20	231-4145	7	NUT, LOCK, 5/16"-18, GB,
21	231-4148	2	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
22	BN50161	6	WASHER, 1, FW, G5
23	BN50258	3	BOLT, hex head, 3/8-16 x 1.25, SS
24	BN50145	6	WASHER, 3/8, FW, G5
25	231-4146	3	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB

Complete Part # BN27237 RH (Ref Only)



27344

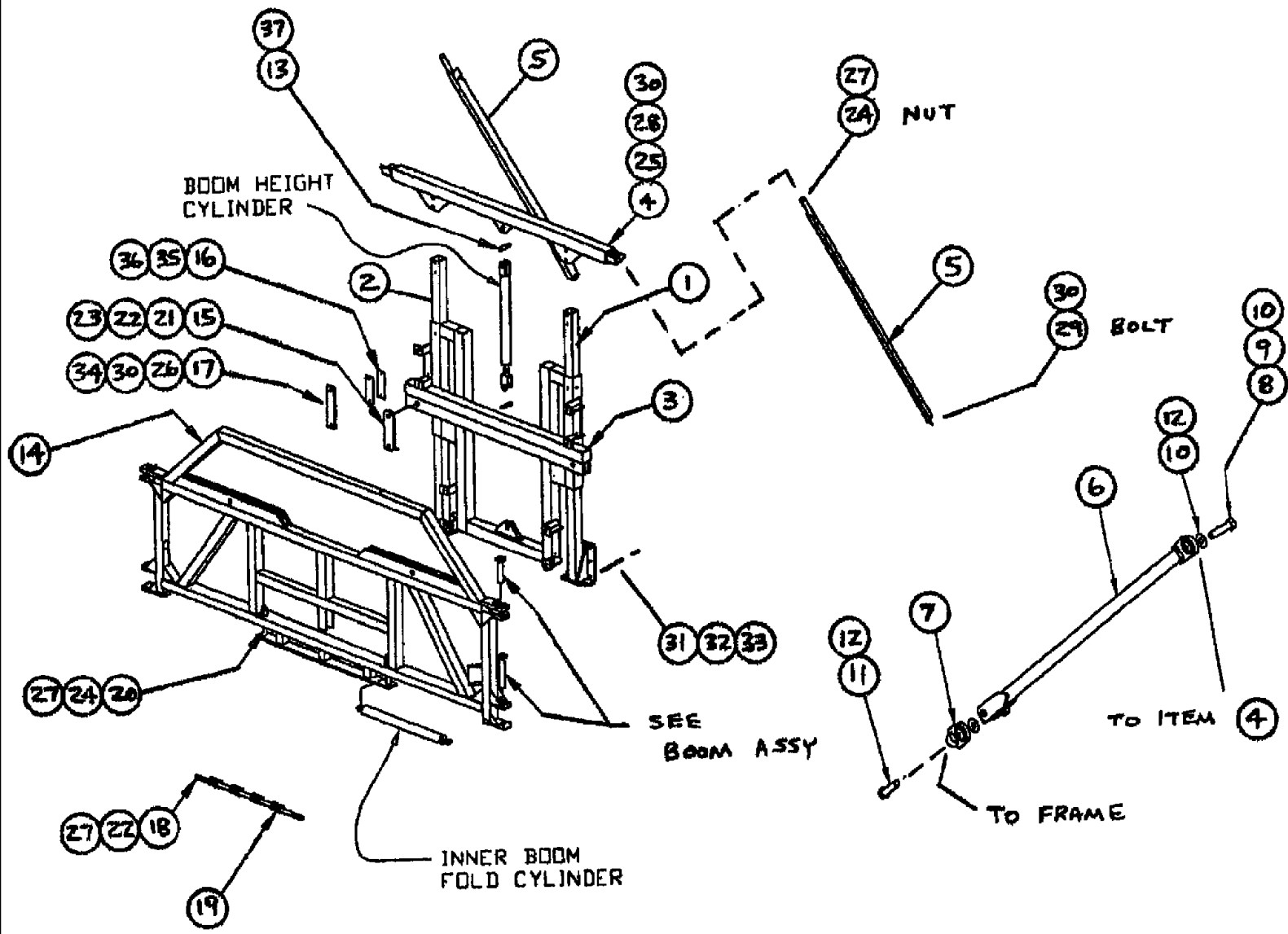
## SPX3185 PATRIOT SPRAYER (10/02- )

## 08-006 BOOMS - BOOM ASSEMBLY, LH, 75'

сылка	Номер детали	Кол-во	Описание
1	BN24391A	1	BOOM, BOOM, LH-inner 75' 772
2	BN310959	1	BOOM, BOOM, LH, wldt fold
3	BN310870	1	BOOM, BOOM, LH, wldmt breakaway
4	BN09270	1	PIN, PIN weldment 75' boom
5	BN24487	1	PIN, PIN wldmt, 75' boom, 772
6	BN21414A	1	BAR, BAR link, 3/4" HRS 4.62 x 9.06
7	BN21410A	2	BAR, BAR link, 1/2" x 1.5 hrs x 5.75
8	BN22456	1	PIN, PIN wldmt, boom pivot
9	BN24490	1	BRACKET, BRACKET wldmt, hose guide
10	BN24468	1	SPRING, SPRING tension, 1.25 x 5.5
11	BN310970	1	BRACKET, TAKEUP wldmt, spring OR DR
12	BN27486	1	PKG. hdwe, LH, brkaway 75' bm
	231-4146	4	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB
	BN24499	1	BRACKET, MNTL wldmt 75'
	BN50258	1	BOLT, hex head, 3/8-16 x 1.25, SS
	231-4148	1	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
	BN24452	1	PIN, LATCH weldment 75' boom
	BN19820	2	SPACER, SPACER plastic, .37 ID x 1.42
13	413-1248	1	BOLT, Hex, 3/4"-10 x 3", G5,
14	231-41412	1	NUT, LOCK, 3/4"-10, GB, hex head, 3/4-10, TLN, GB
15	BN23177	1	PIN, HEADED, wldmt, 1.0 DIA. x 2.5
16	BN50601	2	PIN, SPLIT (COTTER), 3/16 x 2
17	BN67185	1	CRADLE, BOOM cradle wldt
18	413-512	4	BOLT, Hex, 5/16"-18 x 3/4", G5, Full Thd, hex head, 5/16-18 x .75 , G5
19	BN50141	4	WASHER, 5/16, FW, G5
20	231-4145	4	NUT, LOCK, 5/16"-18, GB,
21	231-4148	2	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
22	BN50161	6	WASHER, 1, FW, G5
23	BN50258	3	BOLT, hex head, 3/8-16 x 1.25, SS
24	BN50145	6	WASHER, 3/8, FW, G5
25	231-4146	3	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB

Complete Part # BN27344 (Ref Only)





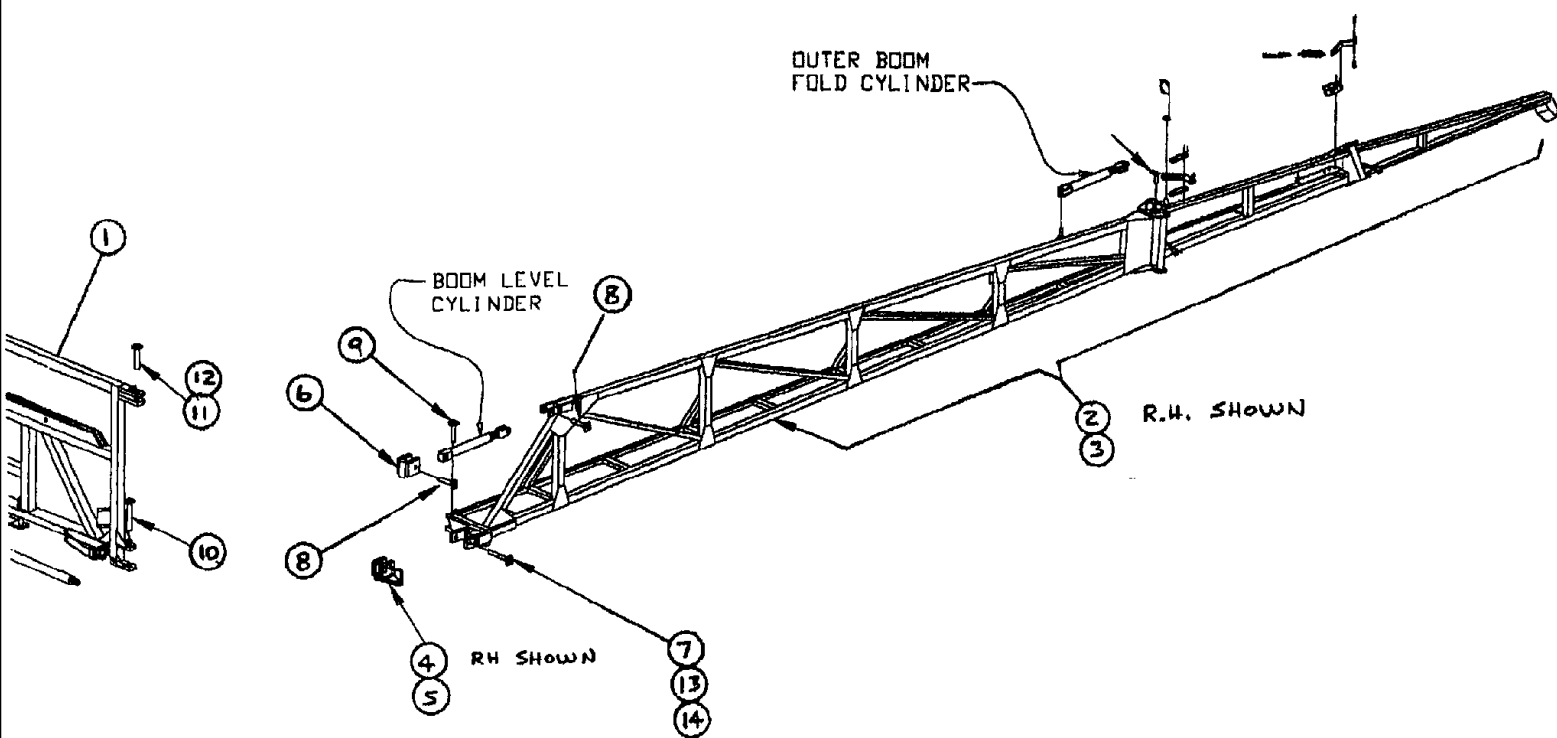
325624

## SPX3185 PATRIOT SPRAYER (10/02- )

## 08-008 BOOMS - CENTER SECTION GROUP, 75'

сылка	Номер детали	Кол-во	Описание
1	BN67207	1	RAIL, SIDE, WLDT, slide rail, RH
2	BN67206	1	RAIL, SIDE, WLDT, slide rail, LH
3	BN67216	1	FRAMEWORK, WLDT, ctr boom rack
4	342503A1	1	BRACKET, SUPPORTING, HANGER wldmt, slide rail
5	342261A1	2	SUPPORT, SUPPORT wdmnt, boom rail
6	342506A1	1	SUPPORT, SUPPORT wldmt, mast
7	BN325812	1	BRACKET, MOUNT wldmt, adj, uniball
8	342083A1	2	PIN, PIN wldmt, mast supp
9	BN50625	2	PIN, SPLIT (COTTER), PIN cotter, 1/4 x 2
10	95-81139	5	WASHER, 1 5/16" x 2" x .109", 1.312 x 2 x .109 PLN
11	426-1632	1	BOLT, Hex, 1"-8 x 2", G8, Full Thd, hex head, 1-8 x 2, G8
12	896-12030	3	WASHER, M30 x 56.5 x 5, HT, 33 x 56 x 5 mm P
13	BN23177	2	PIN, HEADED, wldmt, 1.0 dia. x 2.5
14	BN09256	1	BOOM, BOOM wldmt center sect
15	BN29505	4	LINK, HANGER 3/4 x 3 HRFB x 10.50
16	BN23267A	8	SLIDER, nylatron, .5 x 2.0 x 7.0
17	BN67049	4	MOUNTING PARTS, WLDT, center sect
18	BN21197	1	SHAFT, SHAFT, 1.0 CRS x 36.0
19	BN27328	2	SPRING, 1 .75" OD x 11" compr
20	413-16120	2	BOLT, Hex, 1"-8 x 7 1/2", G5, hex head, 1-8 x 7.5, G5
21	BN50363	4	BOLT, hex head, 1-14 x 6, 5, PL
22	BN50161	20	WASHER, 1, FW, G5
23	BN50960	8	NUT, hex 1-14 jam GR5, PLT
24	BN50092	4	NUT, hex, 1", 8 UNC, PLT, G5
25	413-872	4	BOLT, Hex, 1/2"-13 x 4 1/2", G5, hex head, 1/2-13 x 4.5, G5
26	413-832	8	BOLT, Hex, 1/2"-13 x 2", G5, hex head, 1/2-13 x 2, G5
27	BN50105	18	NUT, 1-8 hex jam
28	BN50151	16	WASHER, 1/2, FW, G5
29	BN55235	4	BOLT, hex head, 1/2-13 x 1.5, G8
30	231-4148	16	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
31	BN50726	12	BOLT, hex head, 5/8-18 x 2, G5
32	BN50155	15	WASHER, 5/8, FW, G5
33	BN50775	12	NUT, 5/8-18 unf centrlock
34	BN50595	40	WASHER, 1/2, FW, SS
35	BN50930	16	BOLT, 5/16-18 x 1.5, EH
36	BN50057	16	NUT, whizlock, 5/16-18, SS
37	BN50601	2	PIN, SPLIT (COTTER), 3/16 x 2
	BN10465	10	NIPPLE, LUBE, ZERK grease 1/4", -28 STR.
		1	GRP smv, sprayer see Figure 08-019
	BN50146	4	WASHER, 3/8, FW, SS
	BN570022	4	CLAMP, CLAMP vinyl coated 1/2"
	BN65609	4	WASHER, WASHER, star 7/16 ex int

Complete Part # BN325624 (Ref Only)



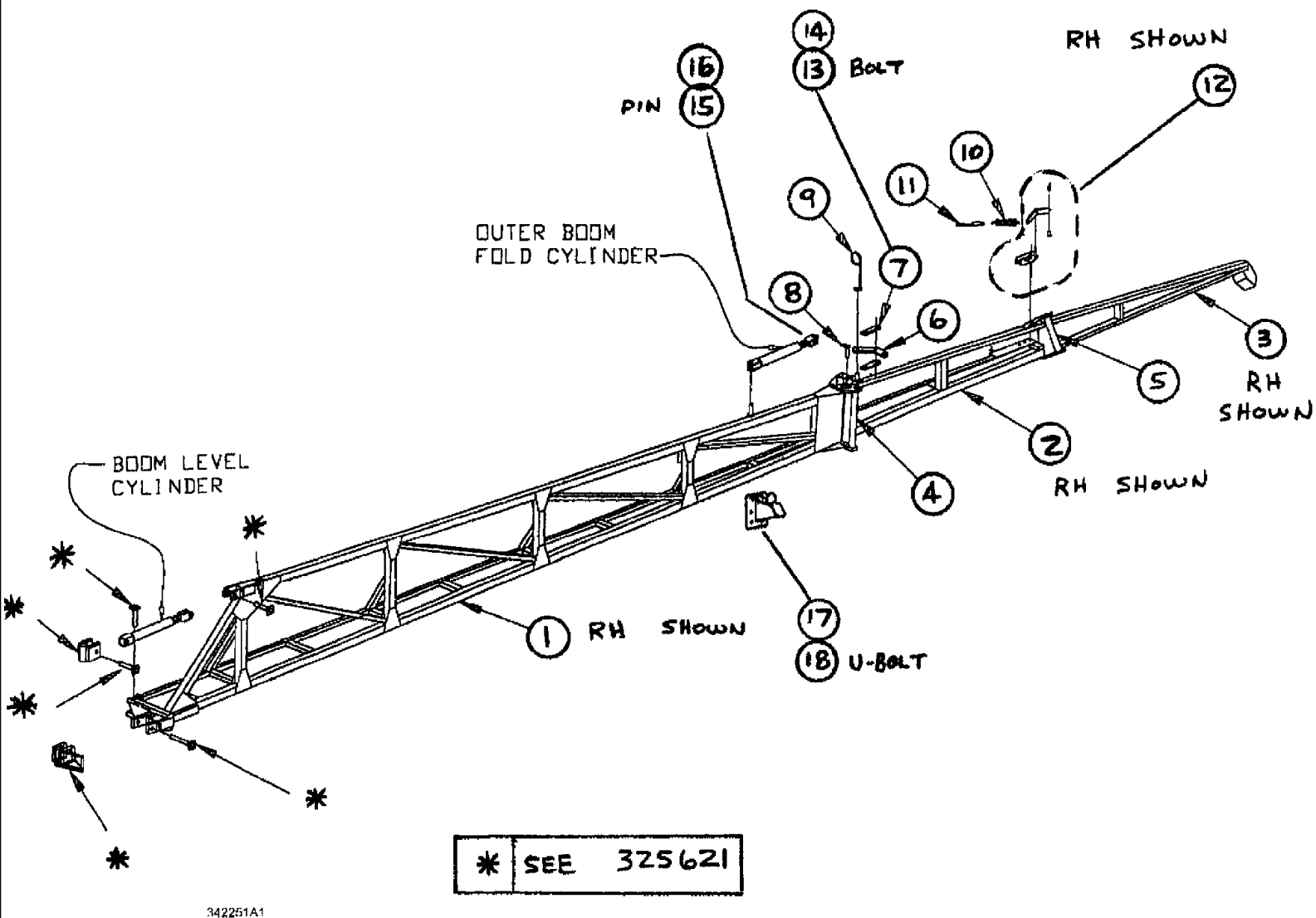
325621

## SPX3185 PATRIOT SPRAYER (10/02- )

## 08-010 BOOMS - BOOM GROUP, 90'

сылка	Номер детали	Кол-во	Описание
1		1	GRP center sec., 90', 785, see Figure 08-017
2		1	GRP boom, RH, 90', 785, see Figure 08-013
3		1	GRP boom, LH, 90', 785, see Figure 08-015
4	342088A1	1	BRACKET, PIVOT wdmnt, RH, bm, 1.25"
5	342089A1	1	BRACKET, PIVOT wdmnt, LH, bm, 1.25"
6	BN66521	2	HINGE, wldmt, upper boom
7	342260A1	2	PIN, PIN, pivot, INR BM
8	BN66860	4	PIN, weldt, 1.00 x 4.00
9	BN324141	2	PIN, PIN, boom pivot, wldmnt
10	BN65220	2	PIN, wldmnt, 1.25" x 6.875
11	BN300279	2	PIN, weldment
12	BN52330	10	PIN, ROLL, 1/4 x 1-3/4
13	413-644	1	BOLT, Hex, 3/8"-16 x 2 3/4", G5,
14	231-4146	2	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB

Complete Part # BN325621 (Ref Only)

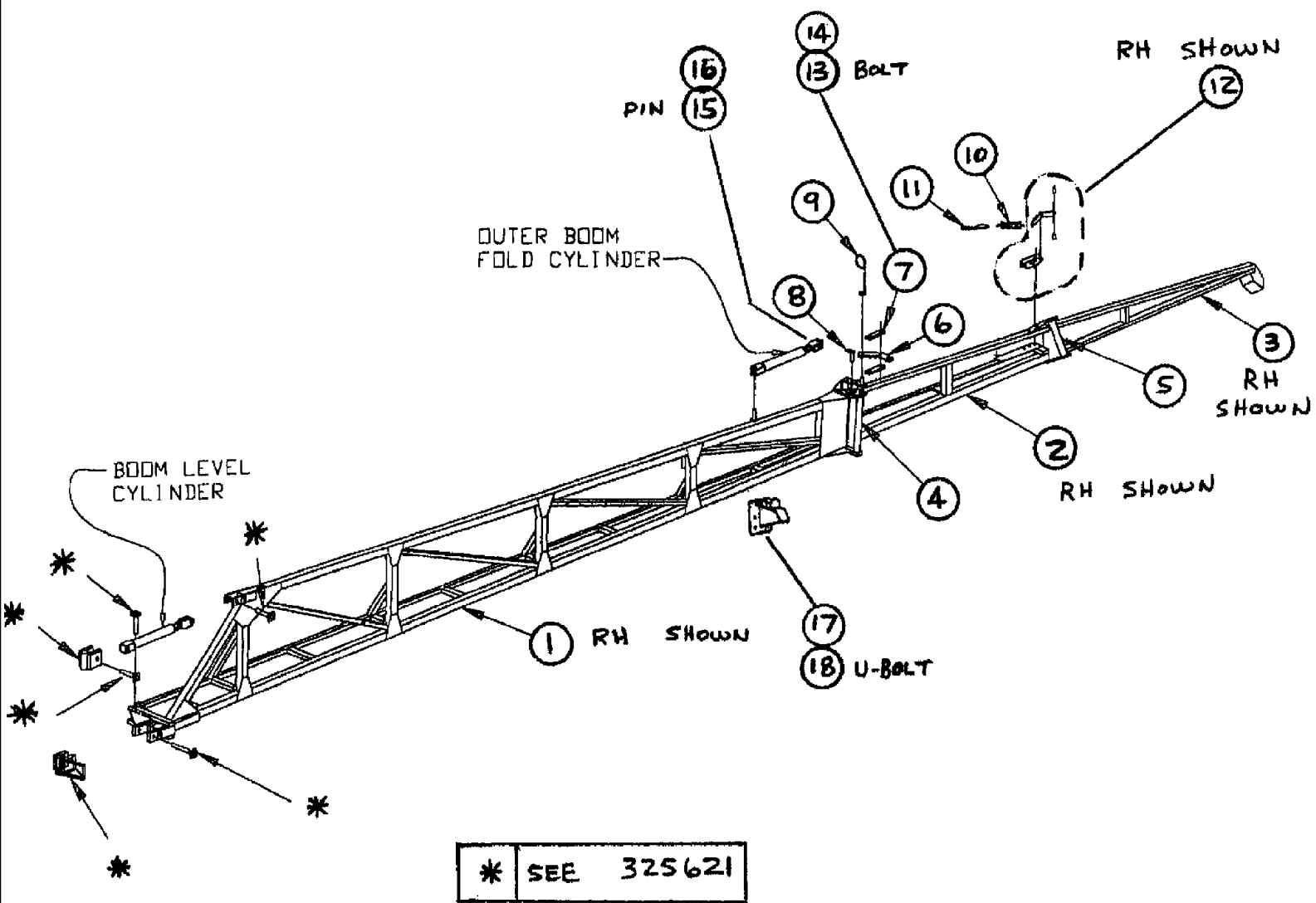


## SPX3185 PATRIOT SPRAYER (10/02- )

08-012 BOOMS - BOOM GROUP, RH, 90'

сылка	Номер детали	Кол-во	Описание
1	342253A1	1	ARM, BOOM wldmt, RH, INR 90' 785
2	BN310965	1	BOOM, WLDT, 90' boom fold, RH
3	BN310874	1	BOOM, BOOM, RH, wldmt breakaway 90
4	BN66628	1	PIN, PIN weldment 90' boom
5	BN24487	1	PIN, PIN wldmt, 75' boom, 772
6	BN21414A	1	BAR, BAR link, 3/4" HRS 4.62 x 9.06
7	BN21410A	2	BAR, BAR link, 1/2" x 1.5 HRS x 5.75
8	BN22456	1	PIN, PIN wldmt, boom pivot
9	BN24490	1	BRACKET, BRACKET wdmt, hose guide
10	BN24468	1	SPRING, SPRING tension, 1.25 x 5.5
11	BN310970	1	BRACKET, TAKEUP wldmt, spring OR DR
12	BN27485	1	PKG. hdwe, RH breakaway, 75' BM
	231-4146	4	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB
	BN24500	1	BRACKET, MNTR wldmt 75' boom latch
	BN50258	1	BOLT, hex head, 3/8-16 x 1.25, SS
	231-4148	1	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
	BN24452	1	PIN, LATCH weldment 75' boom
	BN19820	2	SPACER, SPACER plastic, .37 ID x 1.42
13	413-1248	1	BOLT, Hex, 3/4"-10 x 3", G5,
14	231-41412	3	NUT, LOCK, 3/4"-10, GB, hex head, 3/4-10, TLN, GB
15	BN23177	1	PIN, HEADED, wldmt, 1.0 dia. x 2.5
16	BN50601	2	PIN, SPLIT (COTTER), 3/16 x 2
17	BN67266	1	COVER, WLDT boom cradle
18	BN312959	2	U-BOLT, 3/8, 2.06 ID
	231-4145	3	NUT, LOCK, 5/16"-18, GB,
	231-4146	3	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB
	231-4148	2	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
	413-516	1	BOLT, Hex, 5/16"-18 x 1", G5, Full Thd, hex head, 5/16-18 x 1, G5
	413-524	2	BOLT, Hex, 5/16"-18 x 1 1/2", G5, hex head, 5/16-18 x 1.5, G5
	BN10465	4	NIPPLE, LUBE, ZERK grease 1/4", -28 STR.
	BN50145	6	WASHER, 3/8, FW, G5
	BN50161	6	WASHER, 1, FW, G5
	BN50258	3	BOLT, hex head, 3/8-16 x 1.25, SS

Complete Part # 342251A1 (Ref Only)



342252A1

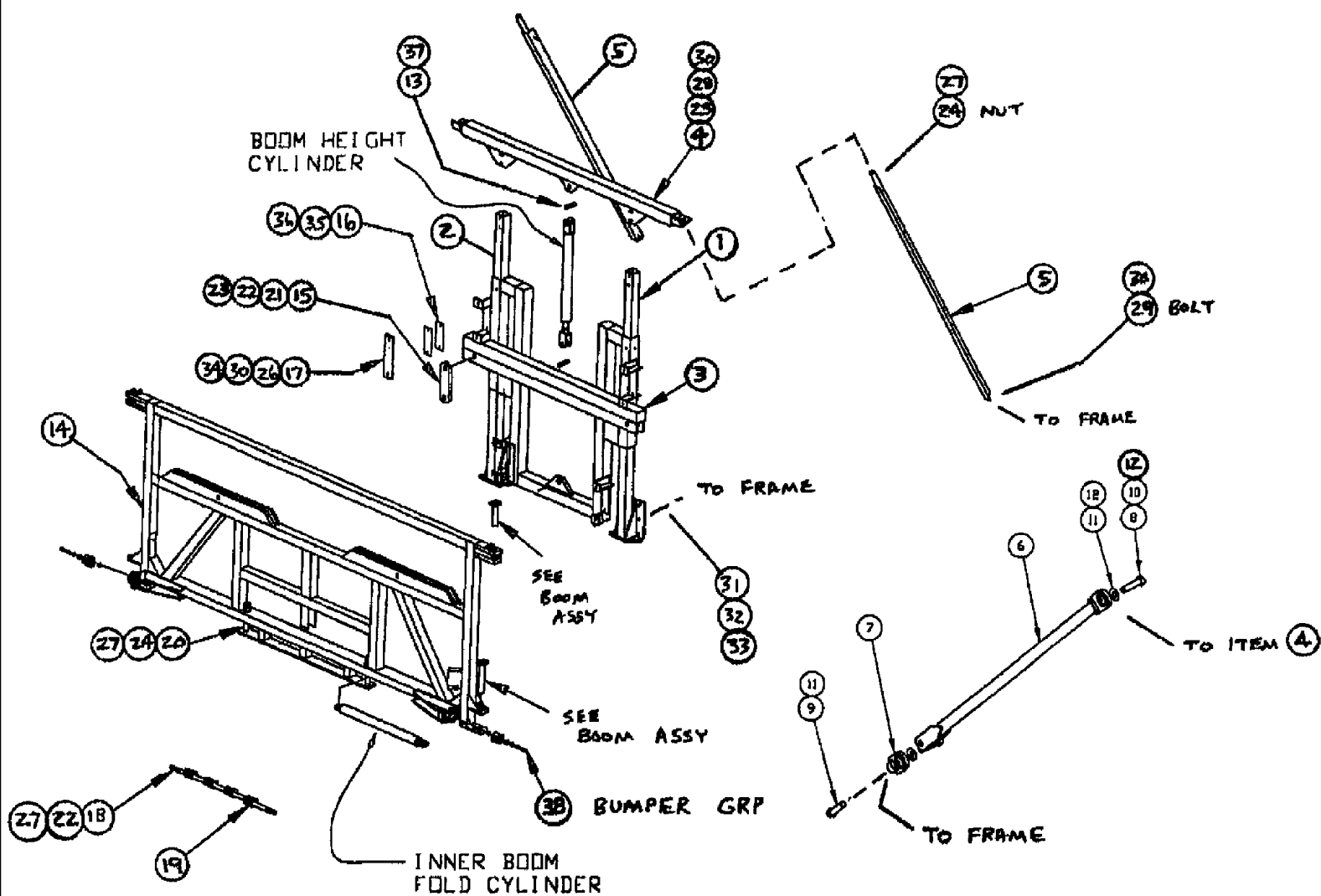
## SPX3185 PATRIOT SPRAYER (10/02- )

08-014 BOOMS - BOOM GROUP, LH, 90'

сылка	Номер детали	Кол-во	Описание
1	342254A1	1	ARM, BOOM wldmt, LH, INR, 90', 785
2	BN310966	1	BOOM, WLDT, 90' boom fold LH
3	BN310875	1	BOOM, BOOM, LH, wldmt breakaway 90
4	BN66628	1	PIN, PIN weldment 90' boom
5	BN24487	1	PIN, PIN wldmt, 75' boom, 772
6	BN21414A	1	BAR, BAR link, 3/4" HRS 4.62 x 9.06
7	BN21410A	2	BAR, BAR link, 1/2" x 1.5 HRS x 5.75
8	BN22456	1	PIN, PIN wldmt, boom pivot
9	BN24490	1	BRACKET, BRACKET wdmt, hose guide
10	BN24468	1	SPRING, SPRING tension, 1.25 x 5.5
11	BN310970	1	BRACKET, TAKEUP wldmt, spring OR DR
12	BN27486	1	PKG. hdwe, LH, breakaway, 75' BM
	231-4146	4	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB
	BN24499	1	BRACKET, MNTL wldmt 75' boom latch
	BN50258	1	BOLT, hex head, 3/8-16 x 1.25, SS
	231-4148	1	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
	BN24452	1	PIN, LATCH weldment 75' boom
	BN19820	2	SPACER, SPACER plastic, .37 ID x 1.42
13	413-1248	1	BOLT, Hex, 3/4"-10 x 3", G5,
14	231-41412	3	NUT, LOCK, 3/4"-10, GB, hex head, 3/4-10, TLN, GB
15	BN23177	1	PIN, HEADED, wldmt, 1.0 dia. x 2.5
16	BN50601	2	PIN, SPLIT (COTTER), 3/16 x 2
17	BN67266	1	COVER, WLDMT boom cradle
18	BN312959	2	U-BOLT, 3/8, 2.06 ID
	231-4145	3	NUT, LOCK, 5/16"-18, GB,
	231-4146	3	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB
	231-4148	2	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
	413-516	1	BOLT, Hex, 5/16"-18 x 1", G5, Full Thd, hex head, 5/16-18 x 1, G5
	413-524	2	BOLT, Hex, 5/16"-18 x 1 1/2", G5, hex head, 5/16-18 x 1.5, G5
	BN10465	4	NIPPLE, LUBE, ZERK grease, 1/4", 28 STR.
	BN50145	6	WASHER, 3/8, FW, G5
	BN50161	6	WASHER, 1, FW, G5
	BN50258	3	BOLT, hex head, 3/8-16 x 1.25, SS

Complete Part # 342252A1 (Ref Only)





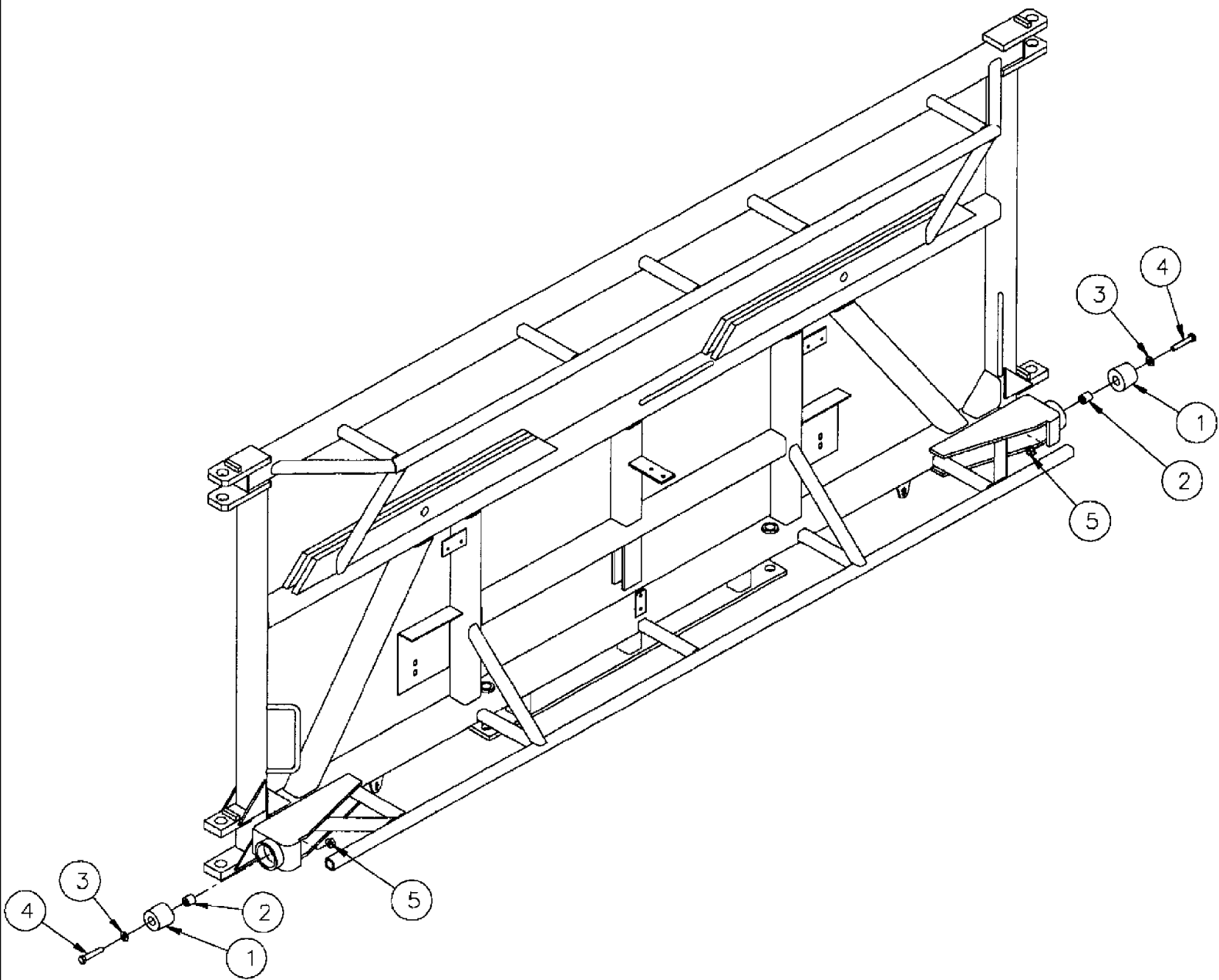
325622

## SPX3185 PATRIOT SPRAYER (10/02- )

## 08-016 BOOMS - CENTER SECTION GROUP, 90'

сылка	Номер детали	Кол-во	Описание
1	BN67207	1	RAIL, SIDE, WLDT, slide rail RH
2	BN67206	1	RAIL, SIDE, WLDT, slide rail LH
3	BN67216	1	FRAMEWORK, WLDT, ctr boom rack
4	342503A1	1	BRACKET, SUPPORTING, HANGER wldmt, slide rail
5	342261A1	2	SUPPORT, SUPPORT wdmt, boom rail
6	342506A1	1	SUPPORT, SUPPORT wldmt, mast
7	BN325812	1	BRACKET, MOUNT wldmt,adj, uniball
8	342083A1	2	PIN, PIN wldmt, mast supp
9	426-1632	1	BOLT, Hex, 1"-8 x 2", G8, Full Thd, hex head, 1-8 x 2, G8
10	BN50625	2	PIN, SPLIT (COTTER), PIN cotter 1/4 x 2
11	896-12030	3	WASHER, M30 x 56.5 x 5, HT, 33 x 56 x 5 mm, P
12	95-81139	5	WASHER, 1 5/16" x 2" x .109", 1.312 x 2 x .109 PLN
13	BN23177	2	PIN, HEADED, wldmt, 1.0 dia. x 2.5
14	BN66516	1	MOUNTING PARTS, WELDT center section 90'
15	BN29505	4	LINK, HANGER 3/4 x 3 HRFB x 10.50
16	BN23267A	8	SLIDER, nylatron, -.5 x 2.0 x 7.0
17	BN67049	4	MOUNTING PARTS, WLDT, center sect.
18	BN21197	1	SHAFT, SHAFT, -1.0 CRS x 36.0
19	BN27328	2	SPRING, 1.75" OD x 11" COMPR
20	413-16120	2	BOLT, Hex, 1"-8 x 7 1/2", G5, hex head, 1-8 x 7.5, G5
21	BN50363	4	BOLT, hex head, 1-14 x 6, 5, PL
22	BN50161	20	WASHER, 1, FW, G5
23	BN50960	8	NUT, hex, 1-14 jam, GR5, PLT
24	BN50092	4	NUT, hex, 1"-8UNC, PLT-GR 5
25	413-872	4	BOLT, Hex, 1/2"-13 x 4 1/2", G5, hex head, 1/2-13 x 4.5, G5
26	413-832	8	BOLT, Hex, 1/2"-13 x 2", G5, hex head, 1/2-13 x 2, G5
27	BN50105	18	NUT, -1-8 hex jam
28	BN50151	16	WASHER, 1/2, FW, G5
29	BN55235	4	BOLT, hex head, 1/2-13 x 1.5, G8
30	231-4148	16	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
31	BN50726	12	BOLT, hex head, 5/8-18 x 2, G5
32	BN50155	15	WASHER, 5/8, FW, G5
33	BN50775	12	NUT, centerlock, 5/8-18 UNF
34	BN50595	40	WASHER, 1/2, FW, SS
35	BN50930	16	BOLT, 5/16-18 x 1.5, EH
36	BN50057	16	NUT, whiz ock, 5/16-18, SS
37	BN50601	2	PIN, SPLIT (COTTER), 3/16 x 2
38		1	GROUP, bumper, CTR SECT, see Figure 08-018
	BN 10465	12	ZERK grease, 1/4" 28 STR.
	BN313099	1	MOUNTING PARTS, SMV grp, sprayer, see Figure 08-019
	BN50146	4	WASHER, 3/8, FW, SS
	BN570022	4	CLAMP, vinyl coated 1/2"
	BN65609	4	WASHER, WASHER, star 7/16 ex int

Complete Part # BN325622 (Ref Only)



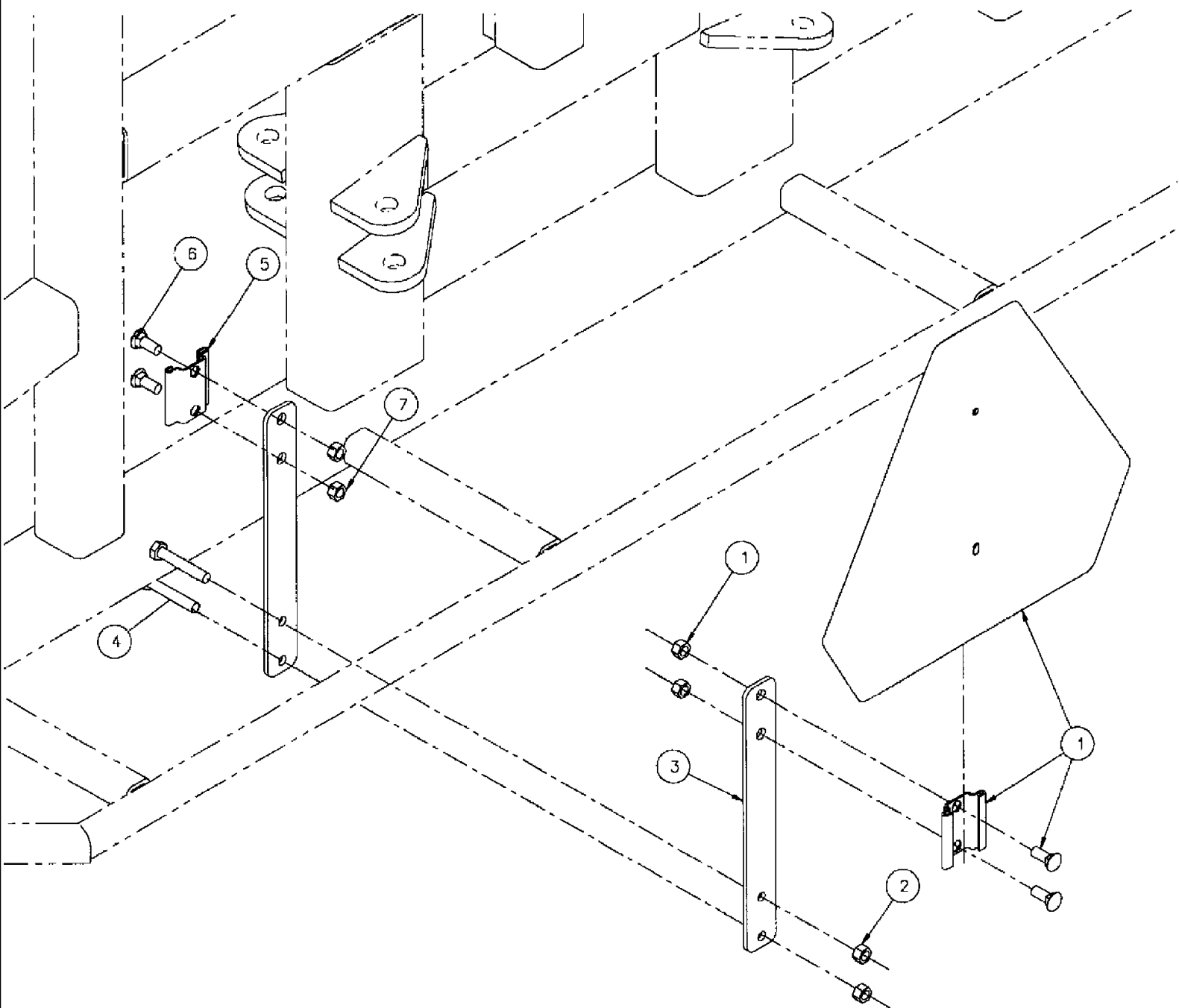
314426

SPX3185 PATRIOT SPRAYER (10/02- )

08-018 BOOMS - BUMPER GROUP, CENTER SECTION

сылка	Номер детали	Кол-во	Описание
1	BN27238	2	GROMMET, CUSHION, 2.5" OD x 1" ID x 2"
2	BN69338	2	SPACER,
3	BN300176	2	WASHER, 1/2, FW,G8
4	BN319402	2	BOLT, hex head, 1/2-13 x 2.75, G8
5	231-4148	2	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB

Complete Part # BN314426 (Ref Only)



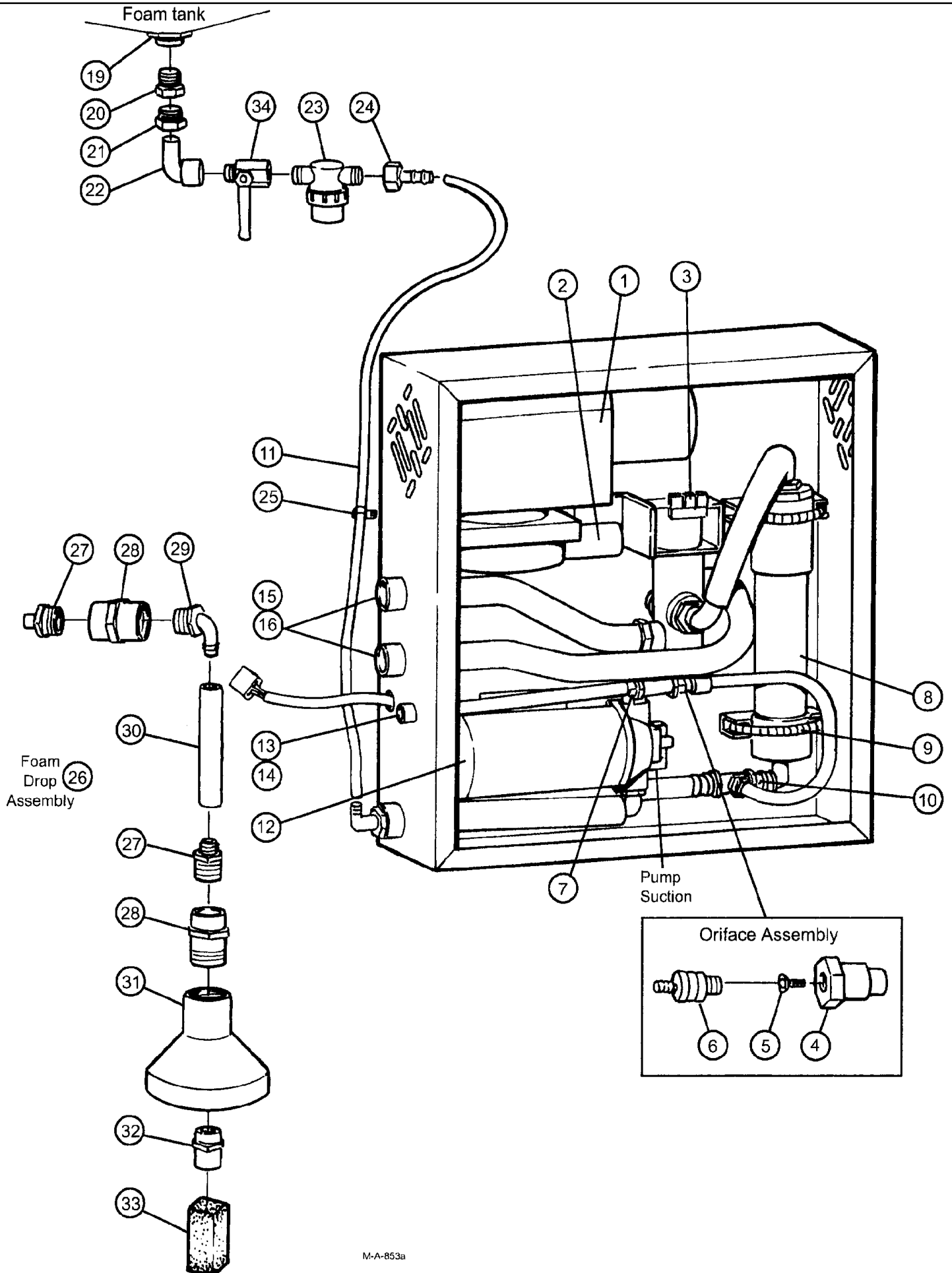
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SPX3185 PATRIOT SPRAYER (10/02- )

08-019 BOOMS - SMV GROUP

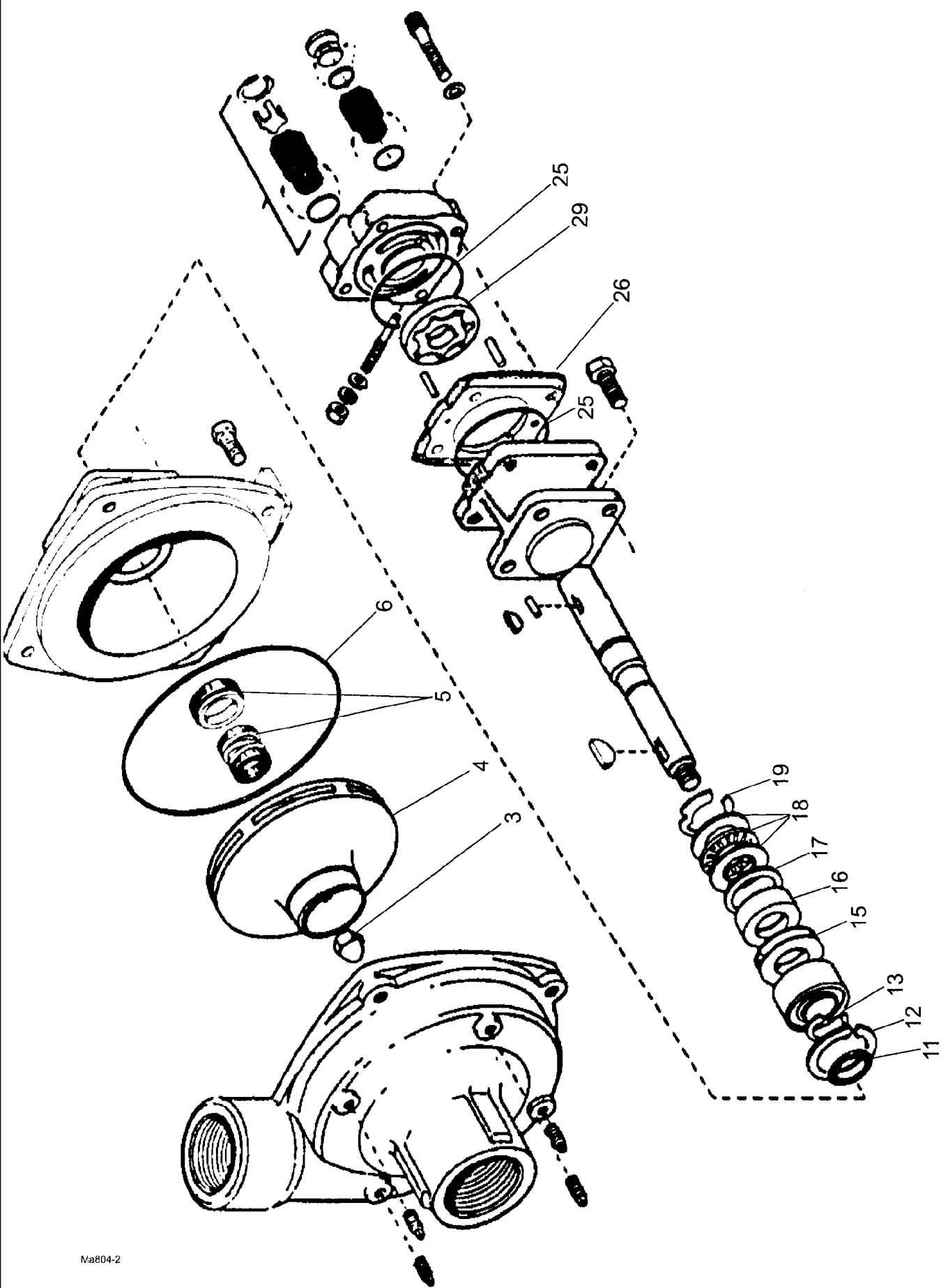
сылка	Номер детали	Кол-во	Описание
1	311862A1	1	PLATE, SMV, emblem, mt., plt
2	832-46410	2	NUT, LOCK, M10 x 1.5, CI 8,
3	BN313098	2	MOUNTING PARTS, SMV
4	814-10060	2	BOLT, Hex, M10 x 60, 8.8,
5	A59457	1	BRACKET, SOCKET, smv
6	BN50222	2	BOLT, 5/16-18 x .75, TH, SS, PH
7	BN50057	2	NUT, whiz lock, 5/16-18 SS

Complete Part # BN313099 (Ref Only)



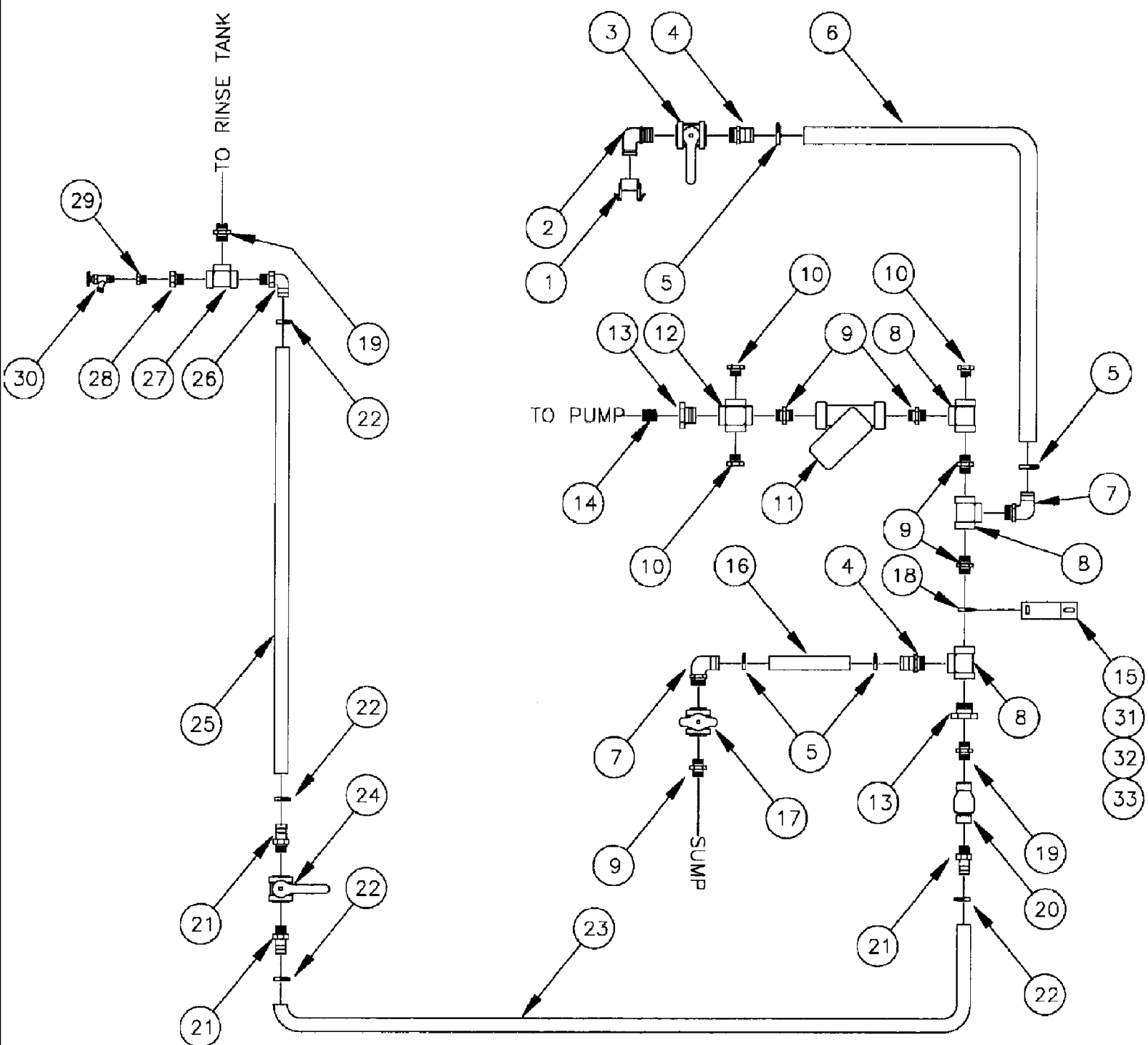
сылка	Номер детали	Кол-во	Описание
1	BN27463	1	COMPRESSOR, COMPRESSOR air
	BN309922	1	KIT, SEALS, KIT seal- air compressor
2	BN27466	1	FILTER, FILTER breather
3	BN63912	1	VALVE, HYDRAULIC, VALVE directional
4	BN27467	1	ORIFICE, ORIFICE ASSEMBLY liq inlet, Includes: Ref. 5 & 6
5	BN27471	1	FILTER, FILTER, 50 mesh, Part of Ref. 4, P/N BN27467 Orifice Assembly
6	BN73457	1	FITTING, BARB, 3/8" NPT x 1/4", Part of Ref. 4, P/N BN27467 Orifice Assembly
7	BN73408	1	TEE, TEE pump output
8	BN63913	1	TUBE, TUBE mix w/hose fittings
9	BN53888	2	PIPE CLAMP, CLAMP mix tube
10	BN27472	1	VALVE, CHECK, VALVE check
11	BN68320	1	HOSE, 1/2" x 120"
	BN75956	2	CLAMP, #10
12	BN27469	1	PUMP, PUMP liquid
13	BN73403	1	FITTING, BARB, 1/4" NPT x 1/4"
14	BN75925	1	TUBE, HOSE, 1/4" x 120", to gauge
	BN76094	2	CLAMP, HOSE, #5
15	BN73519	2	FITTING, BARB, 90 deg. 1/2" NPT x 3/4"
16	BN75979	2	TUBE, TUBE, 3/4", clear vinyl, 50ft
	BN75978	4	CLAMP, #12
17	BN73409	1	FITTING, BARB, 90 deg. 1/4" NPT x 3/8"
19	BN73733	1	FITTING, bulkhead, 1-1/2"
20	BN73716	1	BUSHING, 1-1/2" x 3/4", NPT
21	BN73552	1	SLEEVE, BUSHING, 3/4" x 1/2" NPT
22	BN73517	1	FITTING, FT, hb, 90, 1/2 FPT x 1/2 barb
23	BN27473	1	FILTER, STRAINER, STRAINER line 80 mesh
24	BN73518	1	FITTING, BARB, 1/2" female NPT x 1/2"
25	BN41770	1	CLAMP, vinyl 3/4"
26	BN27474	2	FOAM, FOAM-DROP ASSEMBLY, Includes: Ref. 27 to 33
27	BN53666	4	FITTING, BARB, 1" NPT x 3/4", Part of Ref. 26, P/N BN27474, Foam-Drop Assembly
28	BN73683	4	COUPLING, COUPLER, 1" NPT, Part of Ref. 26, P/N BN27474, Foam-Drop Assembly
29	BN73684	2	FITTING, BARB, 90 deg. 1" NPT x 3/4", Part of Ref. 26, P/N BN27474, Foam-Drop Assembly
30	BN75981	2	TUBE, TUBE, 3/4" x 12", Part of Ref. 26, P/N BN27474, Foam-Drop Assembly
	BN75978	4	CLAMP, #12
31	BN27475	2	FOAM, BELL foamer drop, Part of Ref. 26, P/N BN27474, Foam-Drop Assembly
	BN76093	2	CLAMP, #28
32	BN73648	2	NIPPLE, LUBE, 1" NPT x close, Part of Ref. 26, P/N BN27474, Foam-Drop Assembly
33	BN27462	2	SCREEN, SCREEN, Part of Ref. 26, P/N BN27474, Foam-Drop Assembly
34	BN63914	1	VALVE, HYDRAULIC, VALVE shut off
NS	BN27461	1	GAUGE, GAUGE pressure
NS	BN73410	1	BARB, 1/4" gauge
NS	BN27460	1	CONTROL speed
NS	BN63568	2	MOUNT 3/8 x 2-1/2 x 8
NS	BN63569	2	MOUNT 3/8 x 2-1/2 x 4-3/4





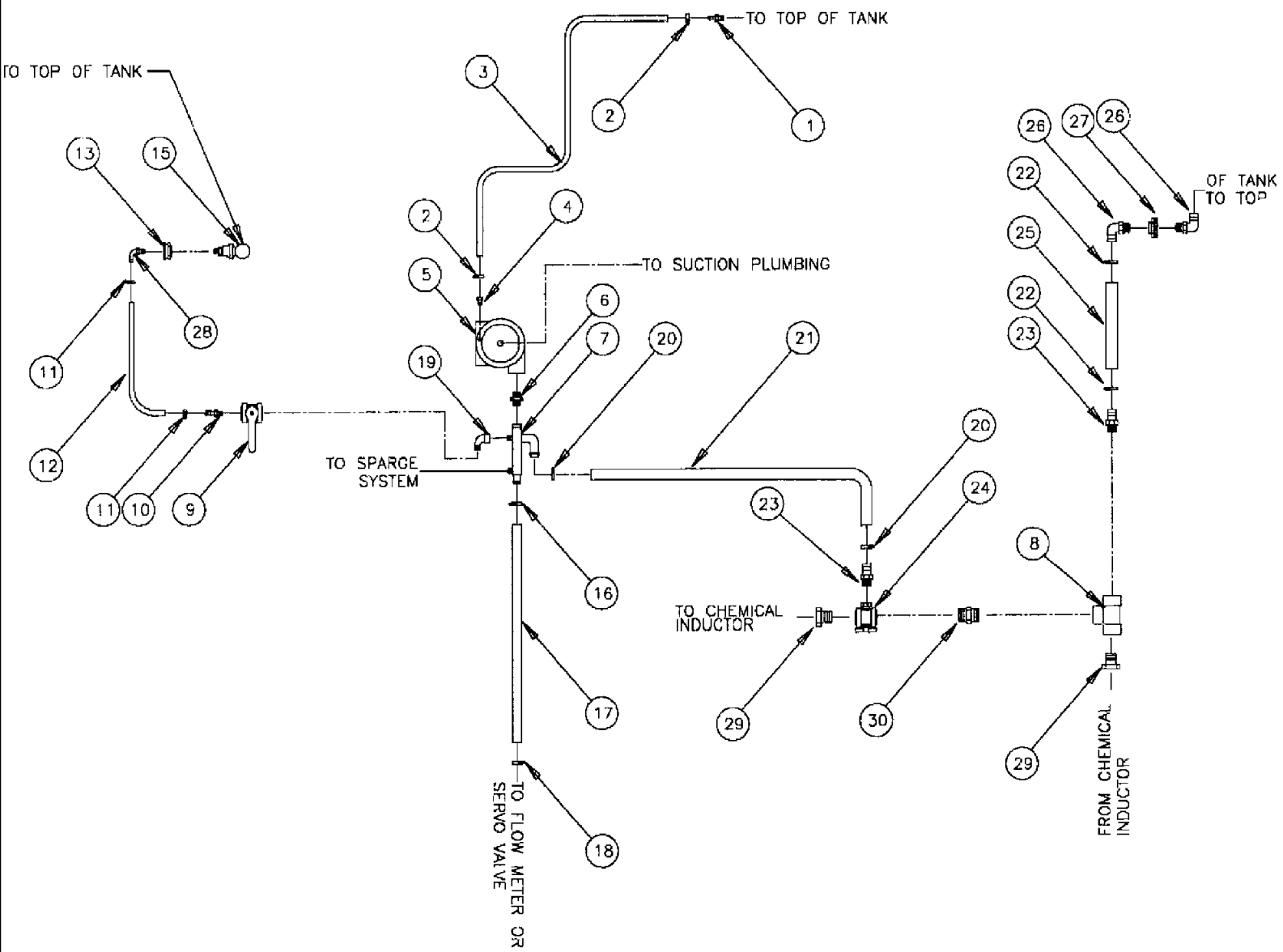
Ma804-2

сылка	Номер детали	Кол-во	Описание
	BN53767	1	KIT, REPAIR, KIT pump seal, Includes: Ref 3, 5, & 6
3	BN53693	1	NUT, impeller, Part of P/N BN53767, Pump Seal Kit
4	BN53692	1	IMPELLER, IMPELLER
5		1	SEAL mechanical, vitron, 9303 MOD, Part of P/N BN53767, Pump Seal Kit
6		1	O-RING, Part of P/N BN53767, Pump Seal Kit
	BN53768	1	KIT, SEALS, KIT shaft seal, Includes: Ref. 11, 12, 13, 15, 16, 17, 18, & 19
11		1	RING slinger, Part of P/N BN53768, Shaft Seal Kit
12		1	RING retaining, Part of P/N BN53768, Shaft Seal Kit
13		1	RING snap, Part of P/N BN53768, Shaft Seal Kit
15		1	SPACER, Part of P/N BN53768, Shaft Seal Kit
16		1	SEAL shaft, Part of P/N BN53768, Shaft Seal Kit
17		1	SEAL spacer, Part of P/N BN53768, Shaft Seal Kit
18		1	THRUST BRG ASSEMBLY (1) thrust brg & (2) thrust brg races, Part of P/N BN53768, Shaft Seal Kit
19		1	RING snap, Part of P/N BN53768, Shaft Seal Kit
	BN53769	1	KIT, REPAIR, KIT gerotor, HM1 model, Includes: 25, 26, 29
25		2	O-RING, Part of P/N BN53769, Gerotor Kit - HM1 model, 26 and 29 - .5" wide
26		1	HOUSING gerotor, Part of P/N BN53769, Gerotor Kit - HM1 model, 26 and 29 - .5" wide
29		1	GEROTOR, Part of P/N BN53769, Gerotor Kit - HM1 model, 26 and 29 - .5" wide
	BN53771	1	MOTOR, MOTOR hydraulic, HM1



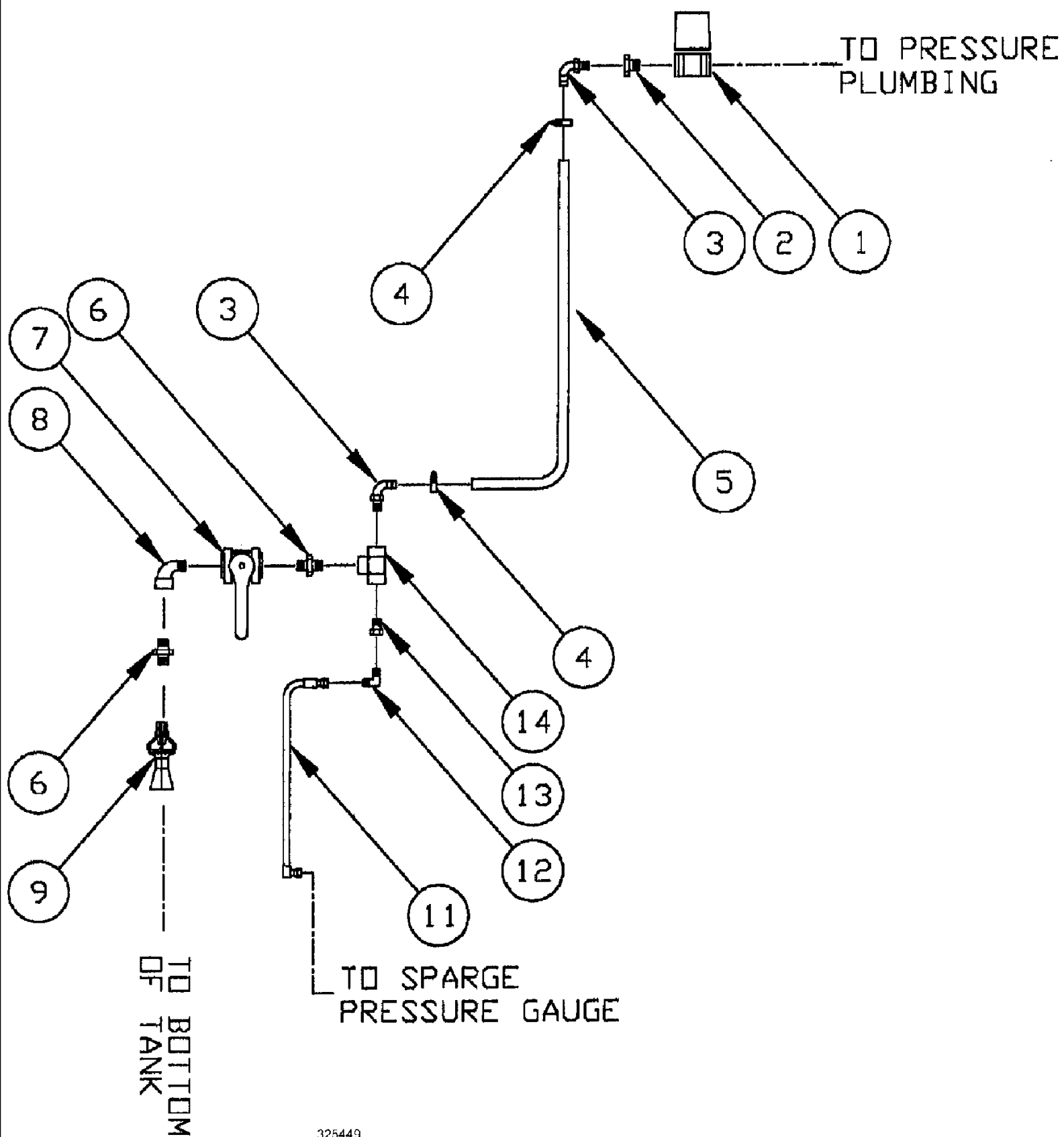
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сылка	Номер детали	Кол-во	Описание
1	BN22901	1	CAP, 2" cam lever
2	BN25262	1	ADAPTER, 90 DEG male, 2" NPT
3	BN73761	1	VALVE, 2" full port ball
4	BN73781	2	FITTING, HOSEBARB, 2 NPT x 2 hose
5	BN76056	4	CLAMP, hose, #36
6	BN68377	1	HOSE, HOSE, 2" EPDM x 50"
7	BN73782	2	FITTING, HOSEBARB, 2" x 90 DEG poly
8	BN73779	3	TEE, 2" poly pipe
9	BN73783	5	NIPPLE, LUBE, 2" NPT short poly
10	BN73794	3	PLUG, 2" poly pipe
11	BN73792	1	STRAINER ASSY., 2" NPT, 30 MESH PO
12	BN73791	1	CROSS, 2" NPT poly
13	BN73787	2	SLEEVE, BUSH reducer 2 - 1.5 poly
14	BN73320	1	FITTING, FT, NP, 1.5" NPT close, ss
15	BN69759	1	SUPPORT, MOUNT plumbing support
16	BN65559	1	HOSE, HOSE, 2" EPDM x 9.00"
17	BN73795	1	VALVE, HYDRAULIC, VALVE, 2" full port w/T HD
18	BN51098	1	CLAMP, HOSE, CLAMP hose #48
19	BN73727	2	NIPPLE, LUBE, 1.5 x 1.25 poly
20	BN24567	1	VALVE, check 1-1/4" NPT
21	BN73660	3	FITTING, BARB, 1-1/4 NPT x 1-1/4 HS
22	BN76084	4	CLAMP, ADJ #24, SS
23	BN53930	1	HOSE, HOSE, 1-1/4 x 68
24	BN73658	1	VALVE, ball, 1-1/4", poly
25	BN53929	1	HOSE, HOSE, 1-1/4 x 7
26	BN73663	1	FITTING, BARB, 1.25 NPT x 1.25 HS, 90D
27	BN73662	1	TEE, 1-1/4 pipe, poly
28	BN73653	1	BUSHING, red, 1-1/4 x 3/4, poly
29	BN73552	1	SLEEVE, BUSH 3/4 x 1/2 red. poly
30	BN53817	1	VALVE, plastic, 1/2 NPT, DRAI
	BN67395	1	BRACKET, WEDLMENT (not shown)
	BN50254	2	BOLT, hex head, 3/8-16 x 1, SS
	BN50061	2	NUT, whiz lock, 3/8-16, unc
31	614-10030	1	BOLT, Hex, M10 x 30, 8.8,
32	832-46410	1	NUT, LOCK, M10 x 1.5, CI 8,
33	896-11010	2	WASHER, M10 x 21.5 x 2.5, HT,



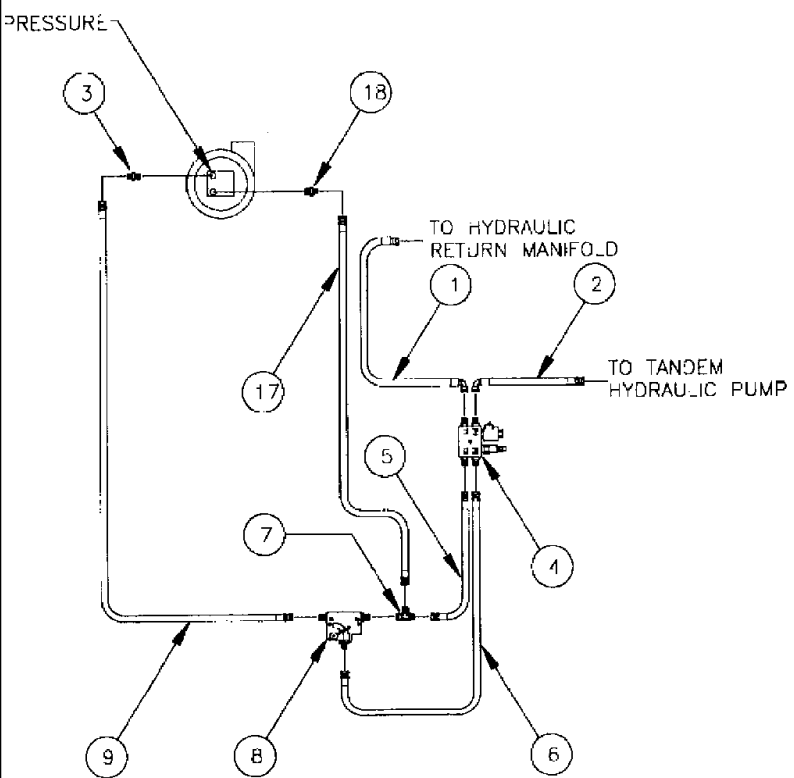
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сылка	Номер детали	Кол-во	Описание
1	BN53433	1	FITTING, HB, 1/4" NPT x 1/4" HS, STL
2	BN76094	2	CLAMP, HOSE, SS, #M4
3	BN65280	1	HOSE, HOSE, .25 x 137.00 EPDM
5		1	PUMP hypro w/ HM1 motor, see page 9-4
6	BN73270	1	NIPPLE, LUBE, NIPPLE close 1.25 NPT, SS
7	BN29958	1	MANIFOLD, MANIFOLD liq product 770
8	BN73714	1	TEE, 1.5" poly
9	BN73564	1	VALVE, 3/4" ball poly, 2 WA
10	BN73561	1	FITTING, BARB, 3/4 NPT x 3/4 HS
11	BN75978	2	CLAMP, SS, #12 ADJ HS, .56-1.25
12	BN53931	1	HOSE, HOSE, 3/4 x 130.00
13	BN311041	1	FITTING, BULKHEAD, 3/4" poly tank
15	343509A1	1	JET, NOZZLE, rinse (360) w/adptr
16	BN53810	1	CLAMP, HOSE, CLAMP, 1.75" ID, "T" bolt
18	BN76084	1	CLAMP, ADJ, #24, SS
19	BN73566	1	ELBOW, 90, street, 3/4 poly
20	BN53811	2	CLAMP, 2" ID, "T" bolt
21	BN65282	1	HOSE, HOSE, 1.50 x 30.00 EPDM
22	BN76093	2	CLAMP, SS, hose, #28
23	BN73725	2	FITTING, BARB, 1.5 NPT x 1.5 HS
24	BN69410	1	VALVE, 3 way 1.5" BL
25	BN301617	1	HOSE, 1.5" EPDM x 100"
26	BN73723	2	FITTING, BARB, 1.5", 90 D, poly
27	BN73733	1	FITTING, bulkhead 1.5"
28	BN73562	1	FITTING, BARB, 3/4 NPT x 3/4 HS, .90D
29	BN73731	2	PLUG, 1-1/2 poly pipe
30	BN73715	1	NIPPERS, 1.5" short poly
	BN72040	1	FITTING, BARB, 1/8" NPT x 1/4" ID, HS

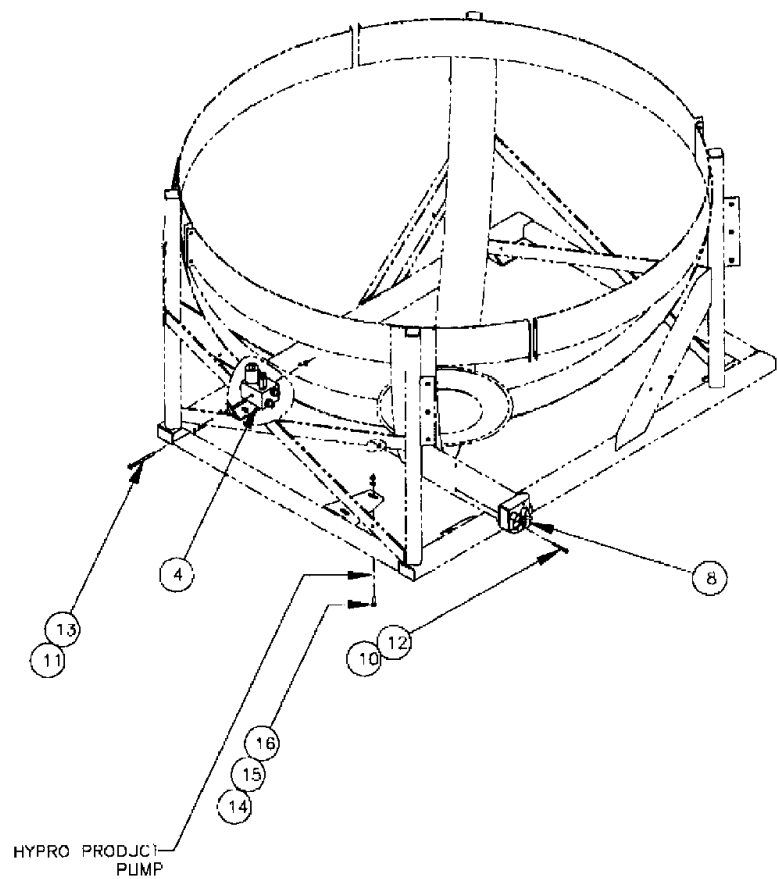


сылка	Номер детали	Кол-во	Описание
1	BN74620	1	VALVE, 1" remote elect bal
2	BN53665	1	BUSHING, 1" x .75 poly
3	BN73562	2	FITTING, BARB, 3/4 npt x 3/4 HS, .90D
4	BN75978	2	CLAMP, SS, #12 ADJ, HS, .56-1.25
5	BN53915	1	HOSE, HOSE, 3/4" ID, EPDM x 32"
6	BN73565	2	NIPPLE, LUBE, 3/4 short PI poly
7	BN73564	1	VALVE, 3/4" ball, poly, 2 WA
8	BN73566	1	ELBOW, 90, street, 3/4" poly
9	BN304248	1	AGITATOR, tank mixing
11	BN67392	1	HOSE (METRES), ASSEMBLY, 3/8" EPDM x 144"
12	BN53734	1	FITTING, E, 90D, 1/4 NPT x 9/16 JIC
13	BN73550	1	BUSHING, 3/4 x 1/4 red. poly
14	BN73560	1	TEE, 3/4" poly pipe

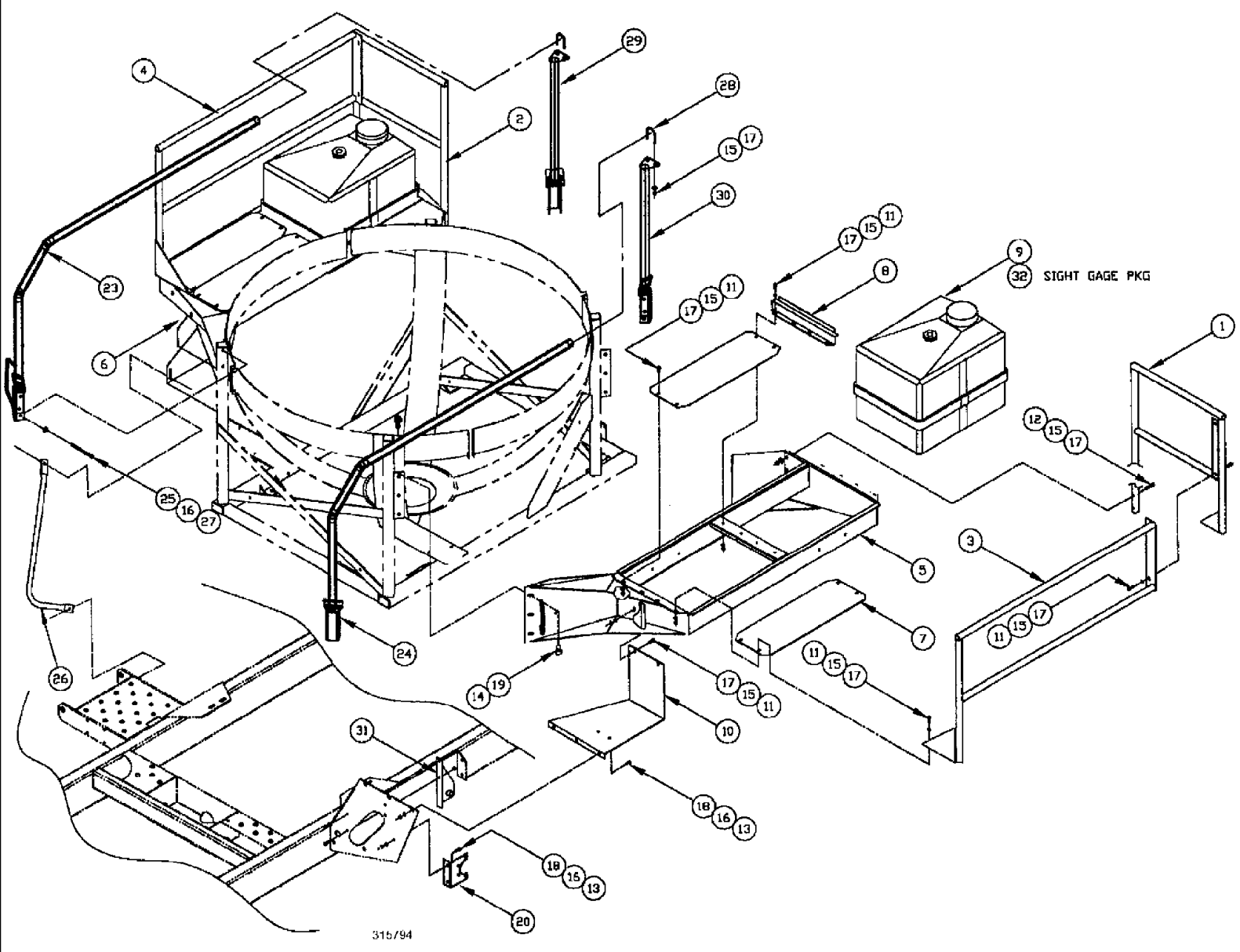




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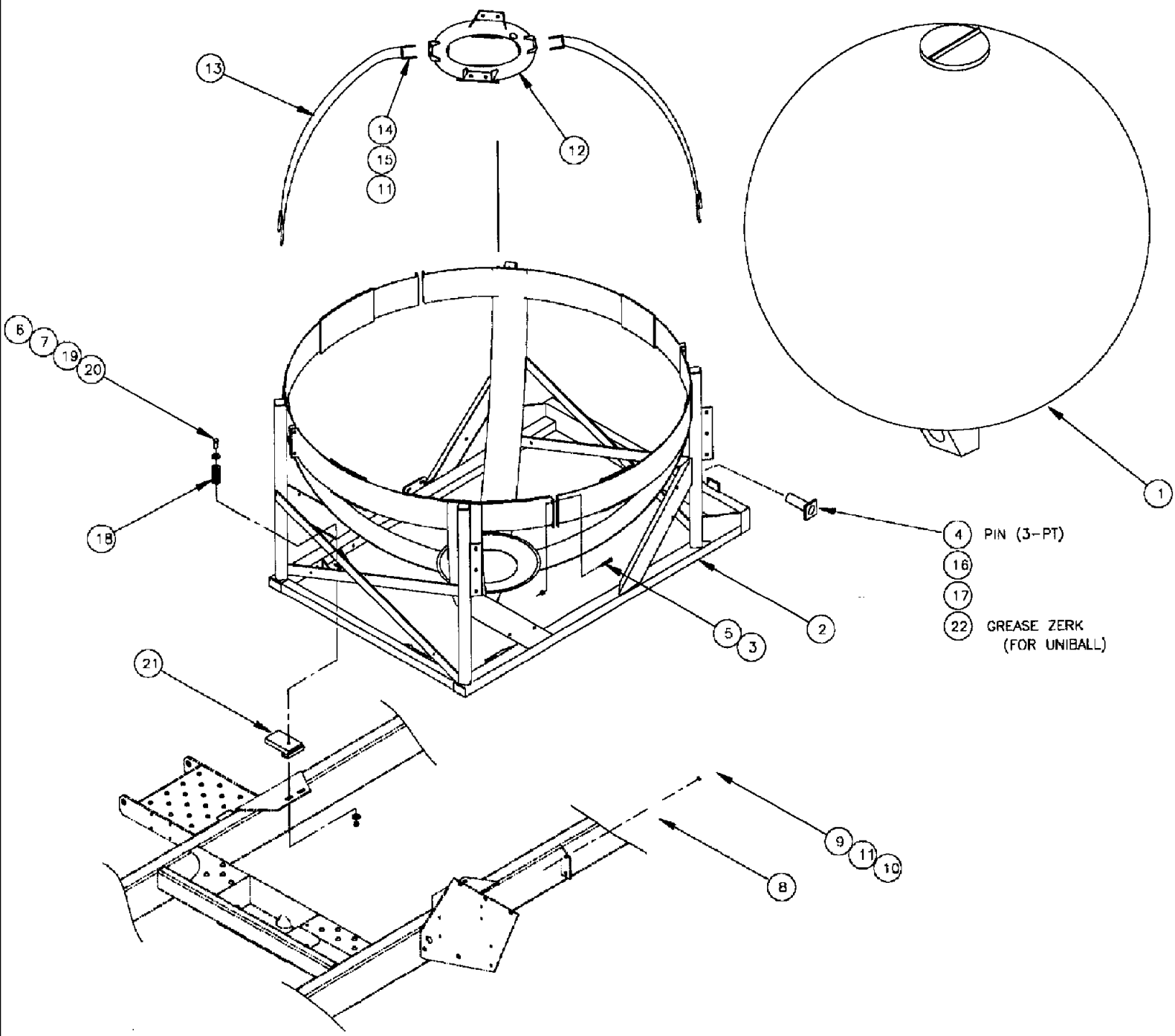


сылка	Номер детали	Кол-во	Описание
1	BN311289	1	HOSE, HOSE, 3/4" x 31", 100R2
2	BN54172	1	HOSE, HOSE ASSEMBLY, 1/2" x 90", 100R2
3	BN441006	1	ADAPTER, ADAPTER, 1/2 NPT, 8 JIC
4	BN311288	1	VALVE, HYDRAULIC, ASSEMBLY, manifold, w/adptrs
	95962	1	SET, KIT seal
	95744	1	FILTER ASSY., CARTRIDGE
	95745	1	COIL, COIL
	95239	1	PIPE, PRESSURE, VALVE relief
5	BN311269	1	HOSE, HOSE, 3/4" x 26", 100R2
7	BN53573	1	TEE, FT, tee, JIC, 1-1/16, ML-FML
8	BN311338	1	REGULATOR, ASSEMBLY flow regulator
9	BN54238	1	HOSE, HOSE ASSEMBLY, 1/2 x 42, 100R2
10	413-440	2	BOLT, Hex, 1/4"-20 x 2 1/2", G5, hex head, 1/4-20 x2.5, G5
11	BN66740	1	SCREW, hex head, 5/16-18 x 4, SS
12	231-4144	2	NUT, LOCK, 1/4"-20, GB,
13	231-4145	1	NUT, LOCK, 5/16"-18, GB,
14	BN50258	1	BOLT, hex head, 3/8-16 x 1.25, SS
15	BN50146	1	WASHER, 3/8, FW, SS
16	231-4146	1	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB
17	BN311268	1	HOSE, HOSE, 3/4" x 42", 100R2
18	BN52288	1	ADAPTER, FT, ADPT, 1/2", 14 x 1, 1/16-12



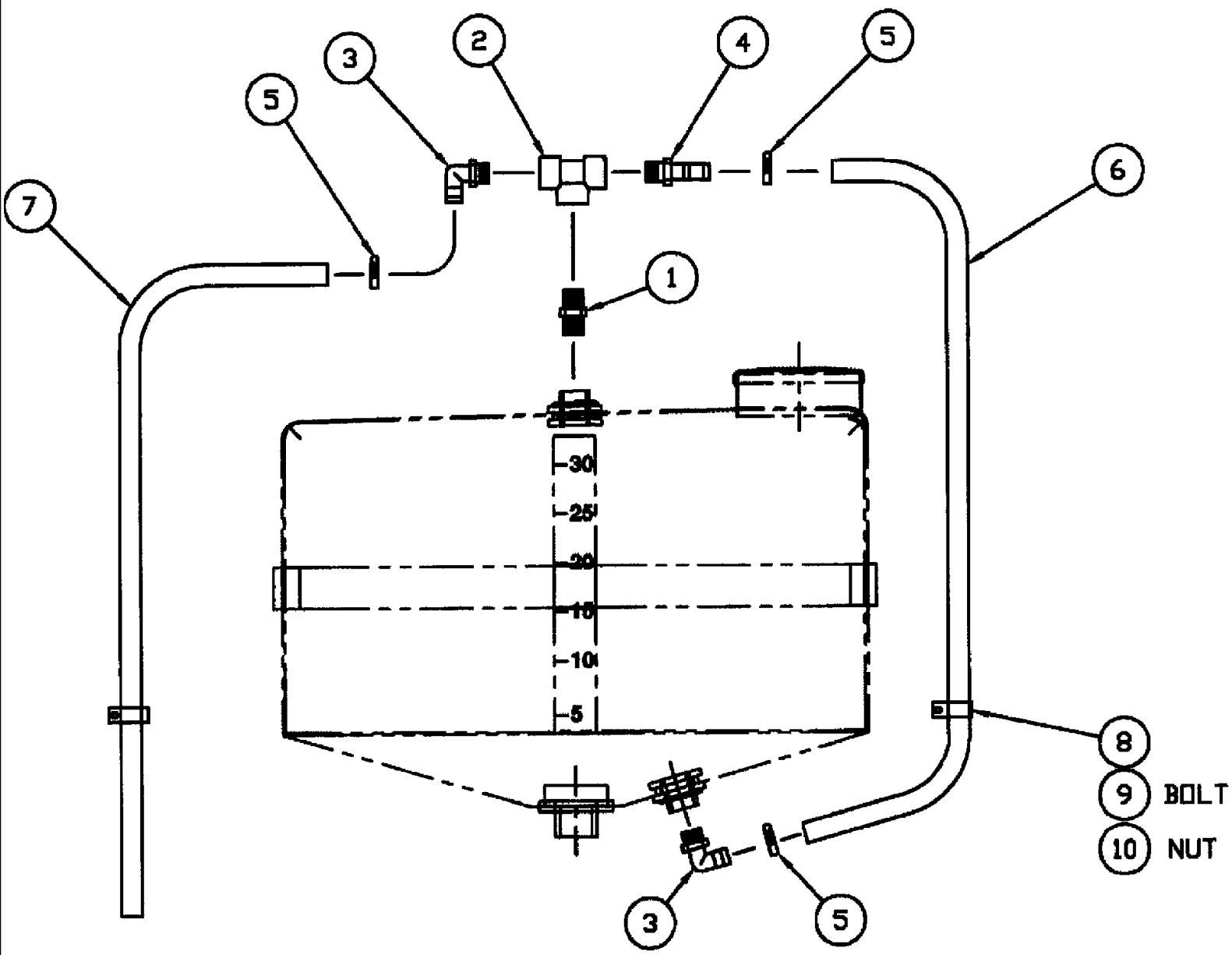
## 09-014 LIQUID PLUMBING - RINSE TANK &amp; DECK ASSEMBLY

сылка	Номер детали	Кол-во	Описание
1	BN65109	1	RAIL, SIDE, RAIL end rail lh
2	BN65171	1	RAIL, SIDE, RAIL end rail rh
3	BN67912	1	RAIL, side safety l.h.
4	BN68000	1	RAIL, side safety r.h.
5	BN68006	1	PLATFORM ASSY., WELDMENT walkway MT LH
6	BN68005	1	PLATFORM ASSY., WELDMENT walkway MT RH
7	BN68001	4	PLATE, SHEET deck
7	BN68001	4	PLATE, SHEET deck
8	BN25399	2	BRACKET, PLATE clamp 12GA x 4.5 x 17
9	BN317164	2	TANK, ASSEMBLY tank, 35 gal
	BN311055	1	TANK, 35 gal, gray
	BN314276	1	COVER, 35 gal poly tank
	BN73733	1	FITTING, bulkhead 1.5"
	BN311041	2	FITTING, BULKHEAD, 3/4" poly tank
10	BN67918	1	STEP,
11	BN50232	30	BOLT, hex head, 5/16-18 x 1, SS
12	BN50239	4	BOLT, hex head, 5/16-18 x 1.755, SS
13	BN50250	7	BOLT, hex head, 3/8-16 x .75, SS
14	BN50691	12	BOLT, hex head, 1/2-13 x 1, SS
15	BN50142	72	WASHER, 5/16, FW, SS
16	BN50145	21	WASHER, 3/8, FW, g5
17	231-4145	30	NUT, LOCK, 5/16"-18, GB,
18	BN50759	7	NUT, 3/8-16, NLN, SS
19	231-4148	12	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
20	BN29447	1	BRACKET, MNT., 10GA. HRS, 5.92" x 6.25"
23	BN311740	1	RAIL, wldmt, hand, rh
24	BN312102	1	RAIL, wldmt, hand, lh
25	413-648	8	BOLT, Hex, 3/8"-16 x 3", G5, hex head, 3/8-16 x 3, G5
26	BN312670	1	RAIL ASSY., rh
	BN2403262	2	BOLT, hex head, 3/8-16 x 1, SS
	BN312648	1	HANDLE, access
	BN50131	2	NUT, LOCK, 3/8-16, CTL, G5
	BN50145	2	WASHER, 3/8, FW, G5
27	231-4146	8	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB
28	BN305201	2	U-BOLT, .31 x1.75, 304SS
29	BN313313	1	MOUNTING PARTS, WLDMNT, support, rh
30	BN313314	1	MOUNTING PARTS, WLDMNT, support, rh
31	BN67395	1	BRACKET, wldmt, valve
32		2	PKG sight gauge, rinse, sphere, see Figure 9-19



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сылка	Номер детали	Кол-во	Описание
1		1	ASSEMBLY tnk, 750 gal, sph, gry, see Figure 9-21
2	BN319676	1	ASSEMBLY basket, 3PT, w/rubr
3	BN50267	8	BOLT, hex head, 3/8-16 x 2, SS
4	BN300279	1	PIN, weldment
5	231-4146	8	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB
6	231-4148	2	NUT, LOCK, 1/2"-13, GB, hex head, 1/2-13, TLN, GB
7	BN50151	4	WASHER, 1/2, FW, G5
8	BN322048	1	VALVE, support
9	BN50254	2	BOLT, hex, head, 3/8-16 x 1, SS
11	BN50146	34	WASHER, 3/8, FW, SS
12	BN319677	1	RETAINER, ASSEMBLY retainer, sphr baskt
13	BN319351	4	STRAP, STRAP, tank retainer
14	BN312959	8	U-BOLT, 3/8 2.06 ID
15	BN50759	16	NUT, 3/8-16, NLN, SS
16	BN148976	1	PIN, ROLL, 1/4 x 1-3/4
17	BN2298335	1	WASHER, WASHER, hardened, 1-1/4
18	BN312850	2	SPRING, 1" ID x 4", LG-DIE
19	413-8104	2	BOLT, Hex, 1/2"-13 x 6 1/2", G5, hex head, 1/2-13 x 6.5, G5
20	BN50157	2	WASHER, 3/4, FW, G5
21	BN319880	2	SPACER, WLDMT spacer sphr baskt
22	BN10465	1	NIPPLE, LUBE, ZERK grease 1/4", 28 str.



319053

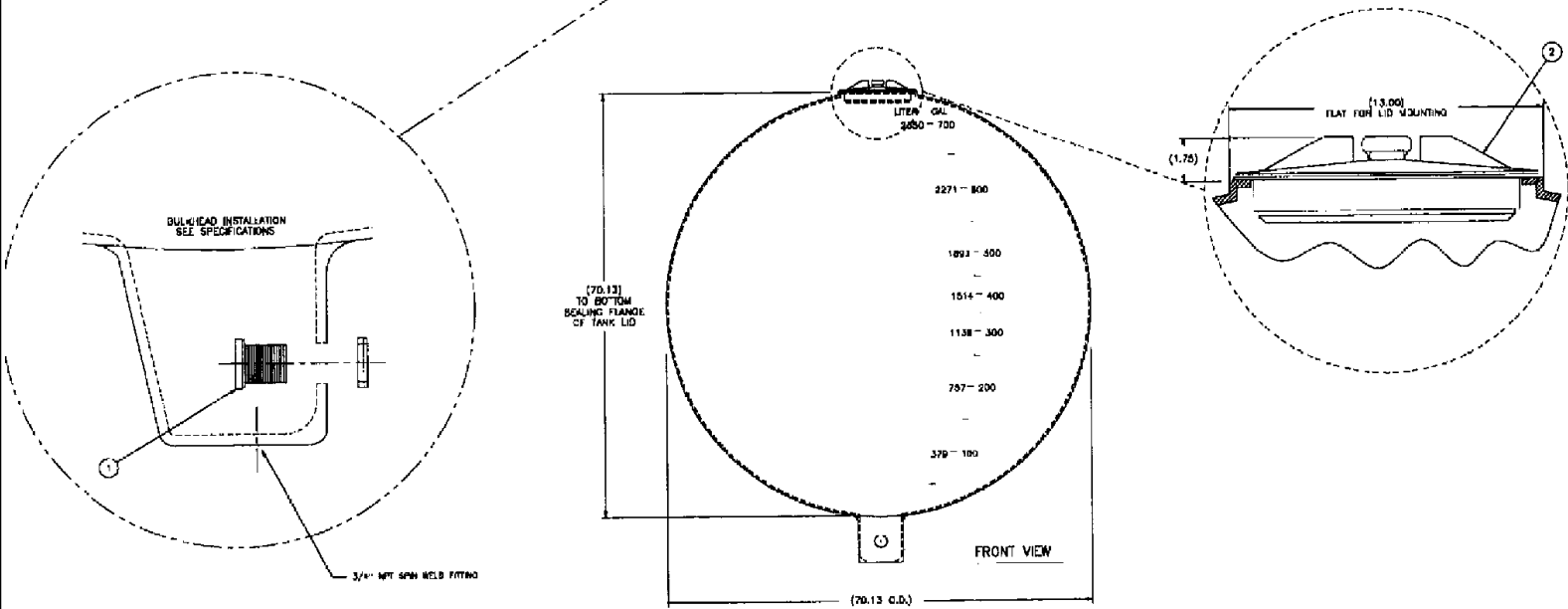
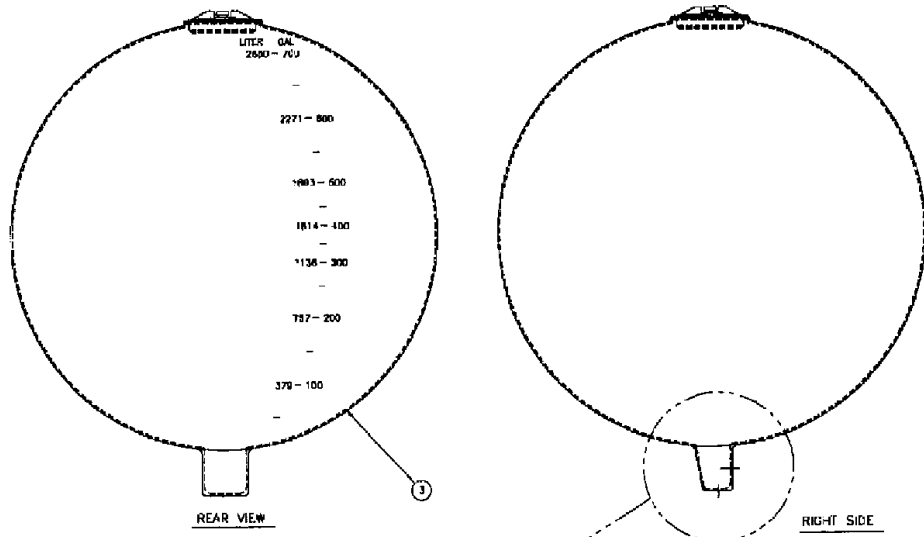
SPX3185 PATRIOT SPRAYER (10/02- )

09-018 LIQUID PLUMBING - SIGHT GAGE ASSEMBLY

сылка	Номер детали	Кол-во	Описание
1	BN73565	1	NIPPLE, LUBE, 3/4 short pi poly
2	BN73560	1	TEE, 3/4" poly pipe
3	BN73562	2	FITTING, BARB, 3/4NPT x 3/4HS, 90D
4	BN73561	1	FITTING, BARB, 3/4NPT x 3/4HS
5	BN75978	3	CLAMP, #12ADJ, HS.56-1.25
6	BN319035	2	HOSE, HOSE sight, GSGE 3/4" x 46"
7	BN53883	1	HOSE, HOSE 3/4" EPDM x 50"
8	BN45666	2	CLAMP, vinyl coated, 1 in
9	BN50250	2	BOLT, hex head, 3/8-16 x .75, SS
9	BN50250	2	BOLT, hex head, 3/8-16 x .75, SS
10	BN50759	2	NUT, 3/8-16, NLN, SS

Complete Part # BN319053 (Ref Only)





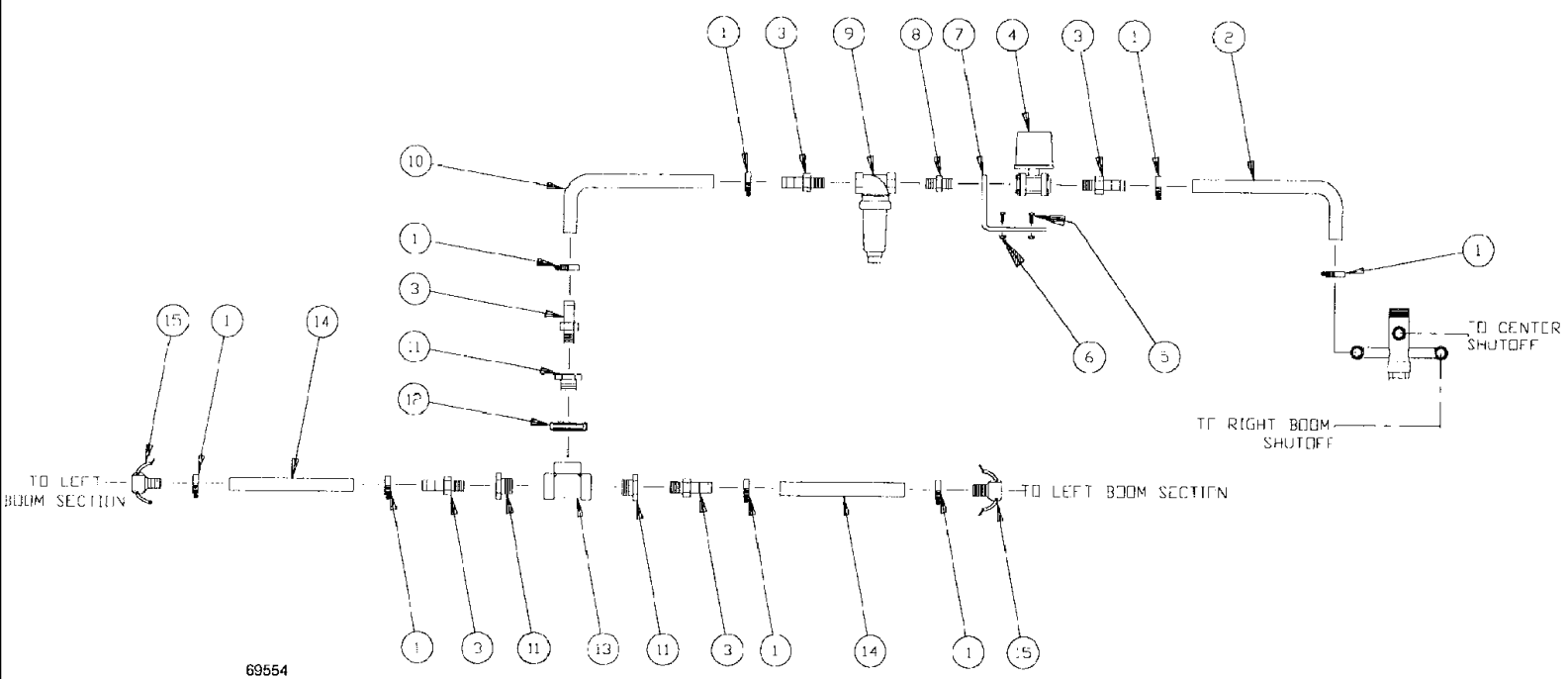
310967

SPX3185 PATRIOT SPRAYER (10/02- )

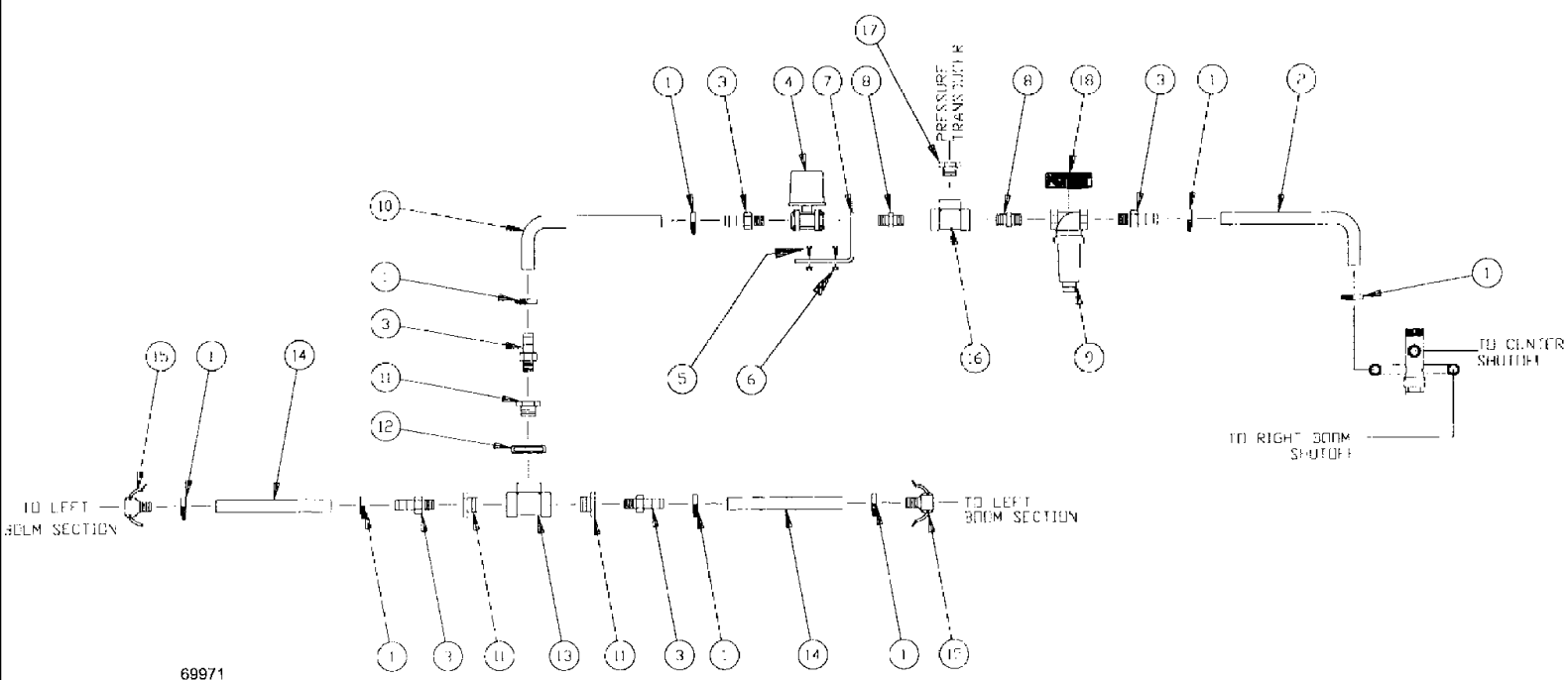
09-020 LIQUID PLUMBING - TANK ASSEMBLY

сылка	Номер детали	Кол-во	Описание
1	BN68865	1	FITTING, FITTING, 2" blkhd
2	BN98288	1	COVER, 10" for 500/750 tank
3	BN311061	1	TANK, 750 gal sph, gray

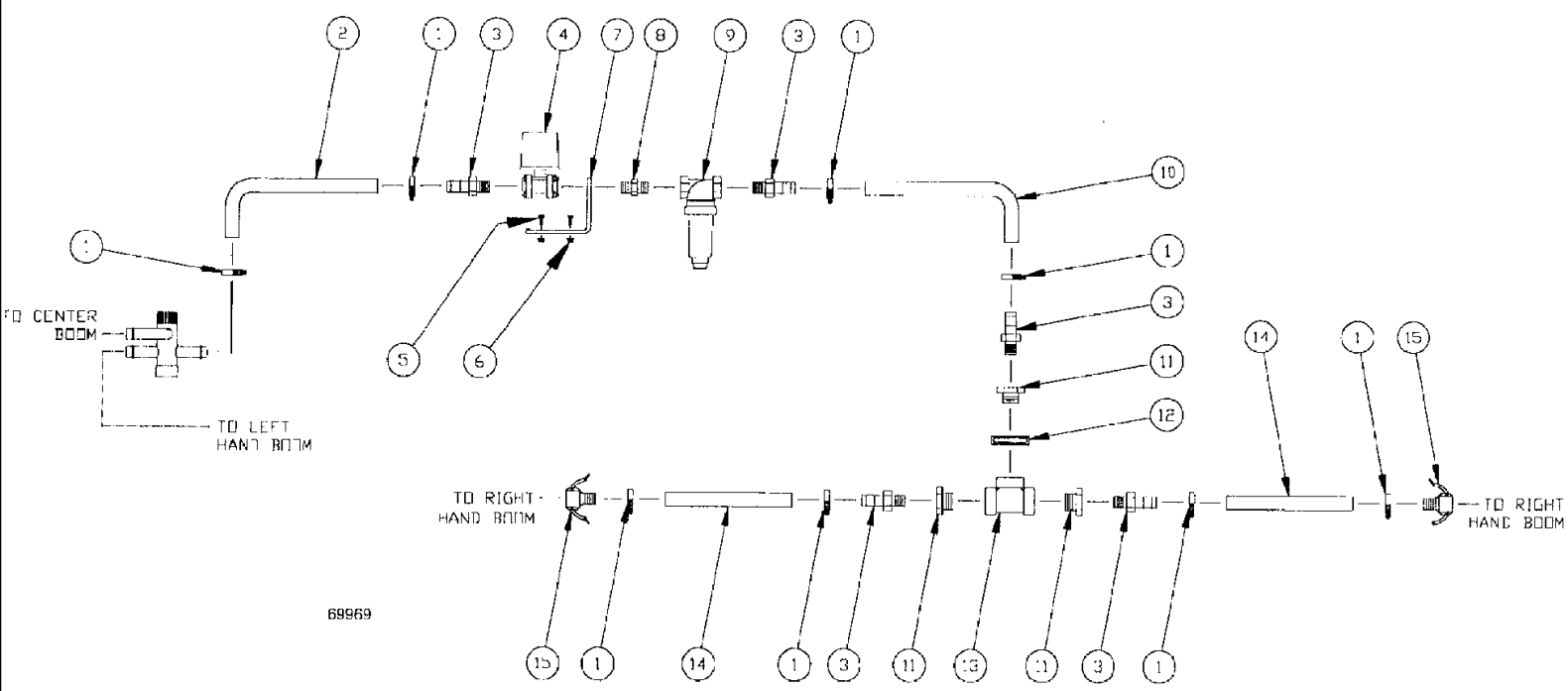
Complete Part # BN310967 ( Ref Only)



сылка	Номер детали	Кол-во	Описание
1	BN75990	8	CLAMP, SS, #16.81 to 1.5 A
2	BN53758	1	HOSE, HOSE, 1" EPDM, 222.0"
3	BN53476	5	FITTING, BARB, poly 1" NPT x 1" HS
4	BN69620	1	VALVE, BALL VALVE ASSEMBLY
5	413-412	2	BOLT, Hex, 1/4"-20 x 3/4", G5, Full Thd, hex head, 1/4-20 x .75, G5
6	231-4144	2	NUT, LOCK, 1/4"-20, GB,
7	BN24083	1	PLATE, MOUNTING, MNT., 7GA, HRS, 3.0 x 5.75/2
8	BN73648	1	NIPPLE, LUBE, 1" short poly pipe
9	BN73681	1	FILTER, STRAINER, STRAINER ASSEMBLY 1" 50 mesh
10	BN53844	1	HOSE, EPDM, 1" ID x 120"
11	BN73717	3	BUSHING, 1.5 x 1" reducer poly
12	BN21276	1	CLAMP, CLAMP, 2.5", heavy duty
13	BN73714	1	TEE, 1.5" tee poly
14	BN53744	2	HOSE, HOSE, 1" EPDM x 65.0"
15	BN53668	2	COUPLING, CPLR, 1" FML, HS SHK

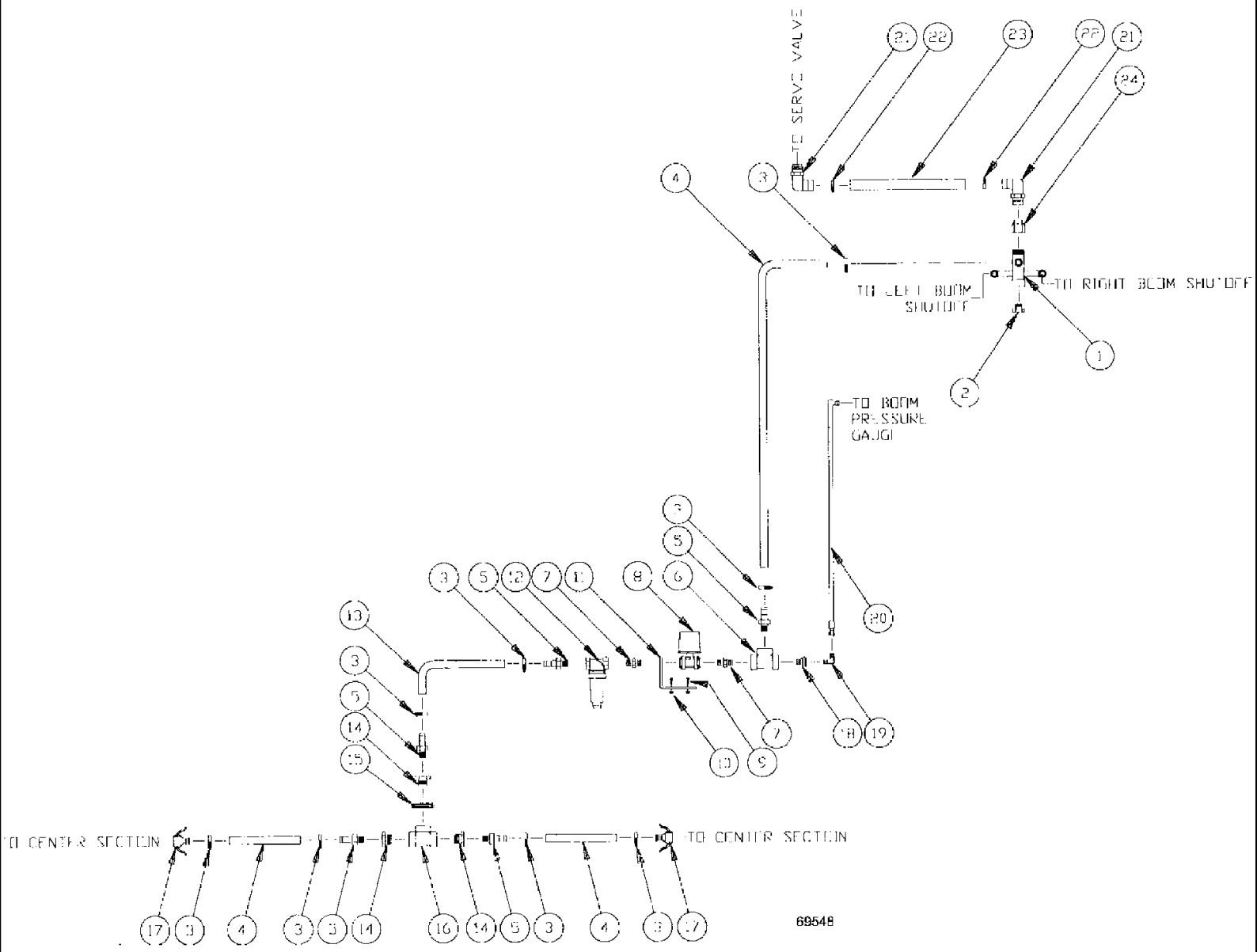


сылка	Номер детали	Кол-во	Описание
1	BN75990	8	CLAMP, SS, #16.81 to 1.5 A
2	BN53758	1	HOSE, HOSE, 1" EPDM, 222.0"
3	BN53476	5	FITTING, BARB poly, 1" NPT x 1" HS
4	BN69620	1	VALVE, BAKK VALVE ASSEMBLY
5	413-412	2	BOLT, Hex, 1/4"-20 x 3/4", G5, Full Thd, hex head, 1/4-20 x .75, G5
6	231-4144	2	NUT, LOCK, 1/4"-20, GB,
7	BN24083	1	PLATE, MOUNTING, MNT., 7GA, HRS, 3.0 x 5.75/2
8	BN73648	1	NIPPLE, LUBE, 1" short poly pipe
9	BN73681	1	FILTER, STRAINER, STRAINER ASSEMBLY, 1"-50 mesh
10	BN53844	1	HOSE, EPDM, 1" ID x 120"
11	BN73717	3	BUSHING, 1.5 x 1" reducer poly
12	BN21276	1	CLAMP, CLAMP, 2.5" heavy duty
13	BN73714	1	TEE, 1.5" tee poly
14	BN53744	2	HOSE, HOSE, 1" EPDM x 65.0"
15	BN53668	2	COUPLING, CPLR, 1"FML, HS, SHK
16	BN73629	1	TEE, 1" poly pipe
17	BN53665	1	BUSHING, 1" x .75 poly
18	BN67243	1	DECAL, strainer pressure

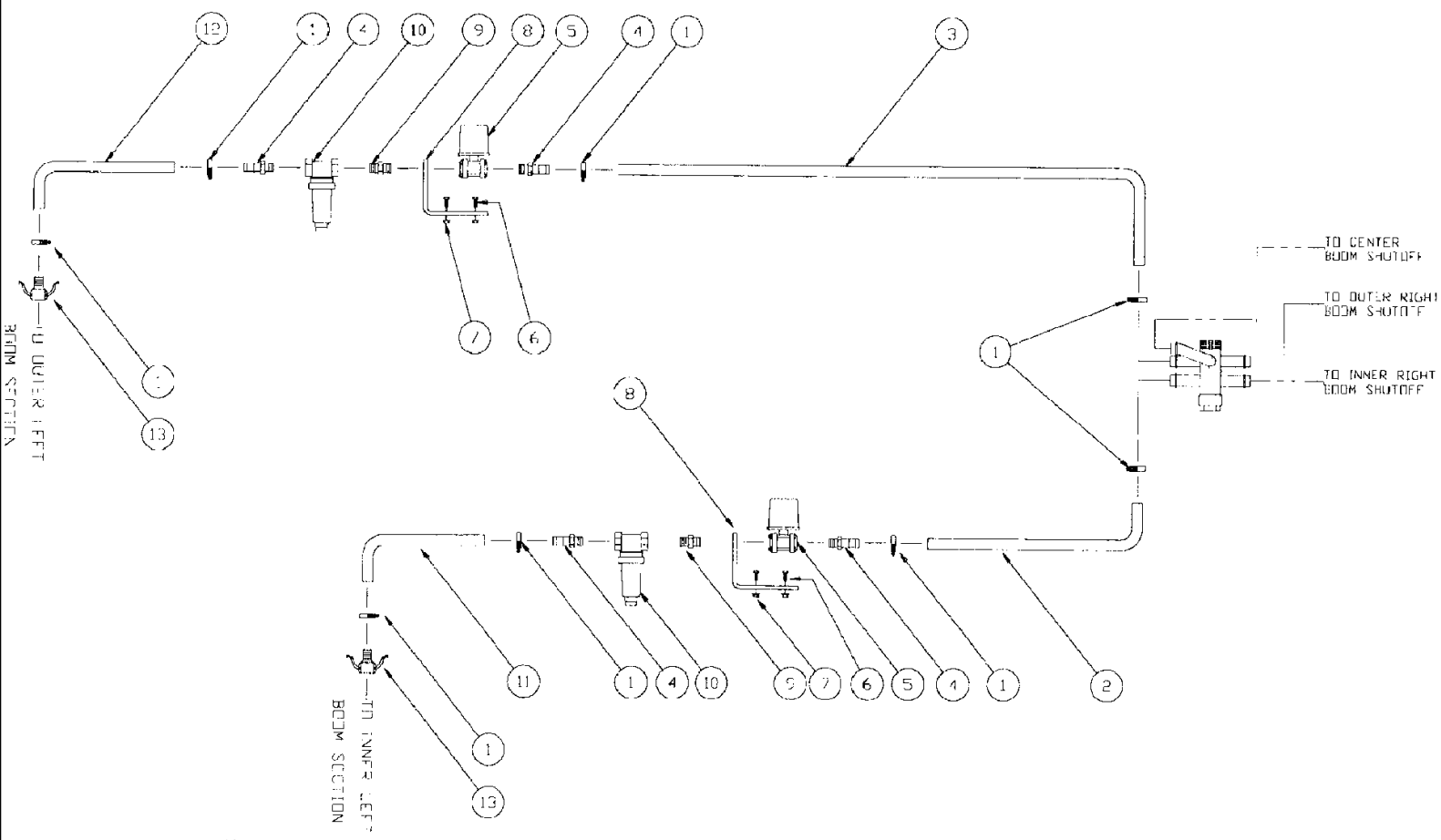


сылка	Номер детали	Кол-во	Описание
1	BN75990	8	CLAMP, SS, #16.81 to 1.5 A
2	BN53758	1	HOSE, HOSE, 1" EPDM, 222.0"
3	BN53476	5	FITTING, BARB poly 1" NPT x 1" HS
4	BN69620	1	VALVE, BALL VALVE ASSEMBLY
5	413-412	2	BOLT, Hex, 1/4"-20 x 3/4", G5, Full Thd, hex head, 1/4-20 x .75, G5
6	231-4144	2	NUT, LOCK, 1/4"-20, GB,
7	BN24083	1	PLATE, MOUNTING, MNT., 7GA, HRS, 3.0 x 5.75/2
8	BN73648	1	NIPPLE, LUBE, 1" short poly pipe
9	BN73681	1	FILTER, STRAINER, STRAINER ASSEMBLY, 1"-50 mesh
10	BN53844	1	HOSE, EPDM, 1" ID x 120"
11	BN73717	3	BUSHING, reducer poly, 1.5 x 1"
12	BN21276	1	CLAMP, CLAMP heavy duty, 2.5"
13	BN73714	1	TEE, poly, 1.5"
14	BN53744	2	HOSE, HOSE, 1" EPDM x 65.0"
15	BN53668	2	COUPLING, CPLR, 1" FML, HS, SHK

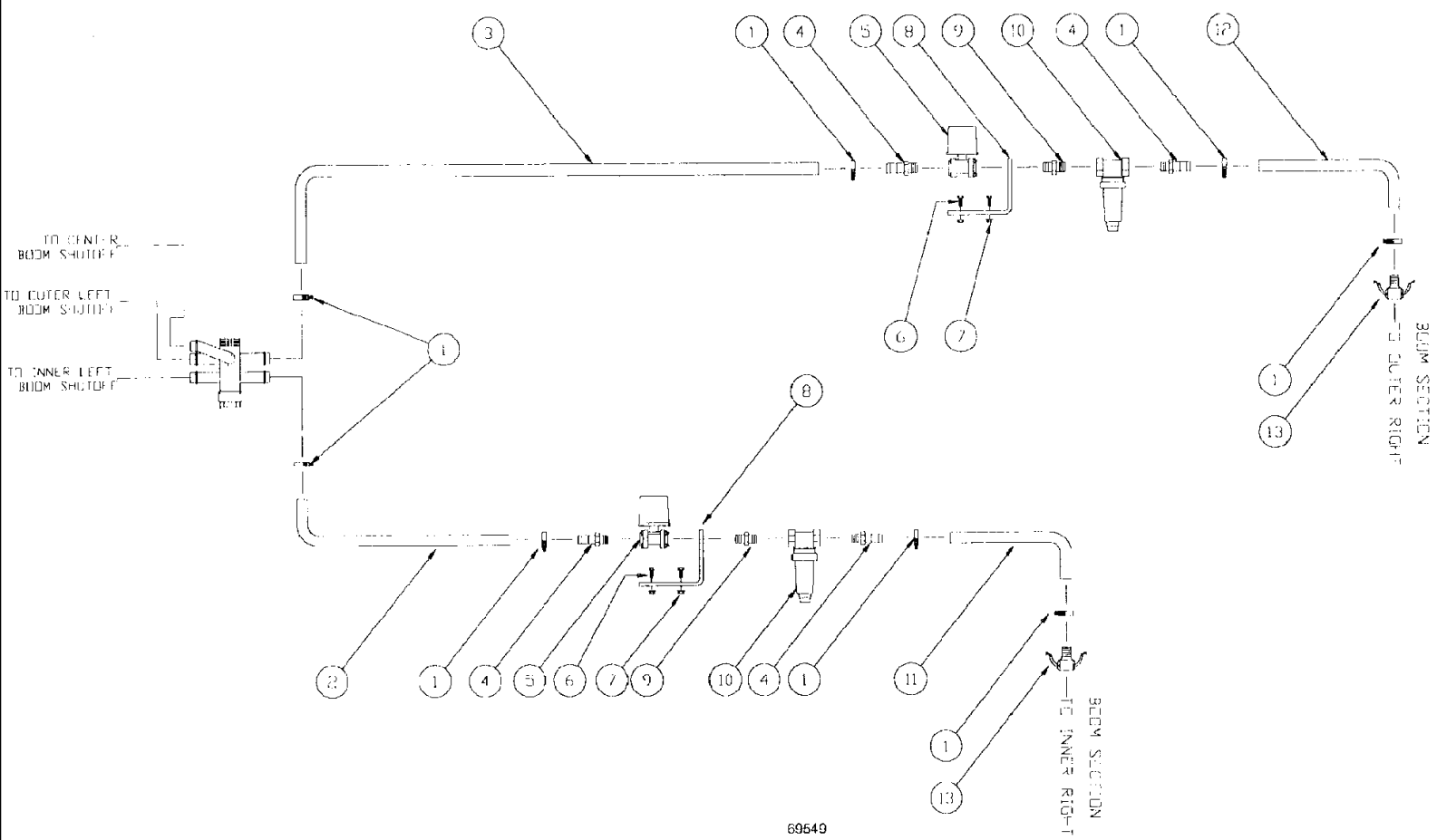




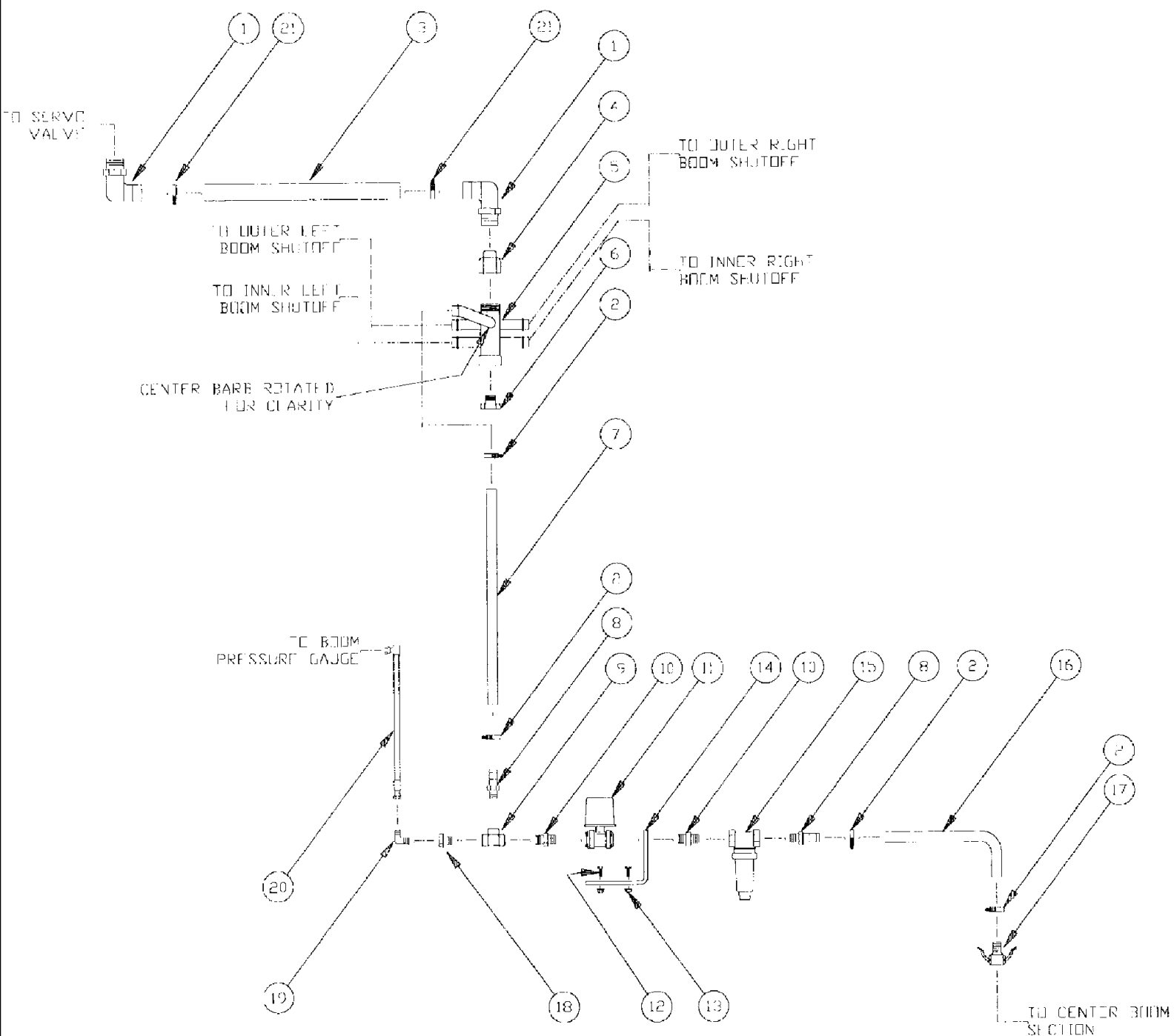
сылка	Номер детали	Кол-во	Описание
1	BN67246	1	MANIFOLD, WELDMNT manifold
2	BN73731	1	PLUG, poly pipe, 1-1/2
3	BN75990	8	CLAMP, SS, #16.81 to 1.5 A
4	BN53744	3	HOSE, HOSE, 1" EPDM x 65.0"
5	BN53476	5	FITTING, BARB poly, 1" NPT x 1" HS
6	BN73629	1	TEE, poly pipe, 1"
7	BN73648	2	NIPPLE, LUBE, poly pipe, short, 1"
8	BN69620	1	VALVE, BALL VALVE ASSEMBLY
9	413-412	2	BOLT, Hex, 1/4"-20 x 3/4", G5, Full Thd, hex head, 1/4-20 x .75, G5
10	231-4144	2	NUT, LOCK, 1/4"-20, GB,
11	BN24083	1	PLATE, MOUNTING, MNT., 7GA, HRS, 3.0 x 5.75/2
12	BN73681	1	FILTER, STRAINER, STRAINER ASSEMBLY, 1"-50 mesh
13	BN53743	1	HOSE, 1" EPDM x 33.0"
14	BN73717	3	BUSHING, reducer poly, 1.5 x 1"
15	BN21276	1	CLAMP, CLAMP heavy duty, 2.5"
16	BN73714	1	TEE, poly, 1.5"
17	BN53668	2	COUPLING, CPLR, 1" FML, HS, SHK
18	BN2390261	1	SLEEVE, BUSHING reducing 1 x 1/4 NPT
19	BN53734	1	FITTING, E, 90 DEG., 1/4 NPT x 9/16 JIC
20	BN67393	1	HOSE, HOSE, 3/8" ID EPDM x 278"
21	BN73663	2	FITTING, BARB, 1.25 NPT x 1.25 HS, 90 DEG
22	BN76084	2	CLAMP, ADJ, #24, SS
23	BN53887	1	HOSE, HOSE, 1.25" EPDM x 84"
24	BN69960	1	REDUCER, COUPLING reducer 1.5-1.25



сылка	Номер детали	Кол-во	Описание
1	BN75990	8	CLAMP, SS, #16.81 to 1.5 A
2	BN53758	1	HOSE, HOSE, 1" EPDM, 222.0"
3	BN67565	1	HOSE, HOSE, 1" EPDM x 350.00"
4	BN53476	4	FITTING, BARB, poly 1" NPT x 1" HS
5	BN69620	2	VALVE, BALL VALVE ASSEMBLY
6	413-412	4	BOLT, Hex, 1/4"-20 x 3/4", G5, Full Thd, hex head, 1/4-20 x .75, G5
7	231-4144	4	NUT, LOCK, 1/4"-20, GB,
8	BN24083	2	PLATE, MOUNTING, MNT., 7GA HRS, 3.0 x 5.75/2
9	BN73648	2	NIPPLE, LUBE, poly pipe, short, 1"
10	BN73681	2	FILTER, STRAINER, STRAINER ASSEMBLY, 1", 50 mesh
11	BN53871	1	HOSE, 1" EPDM x 18.0"
12	BN53845	1	HOSE, EPDM, 1" ID x 108"
13	BN53668	2	COUPLING, CPLR, 1" FML, HS, SHK



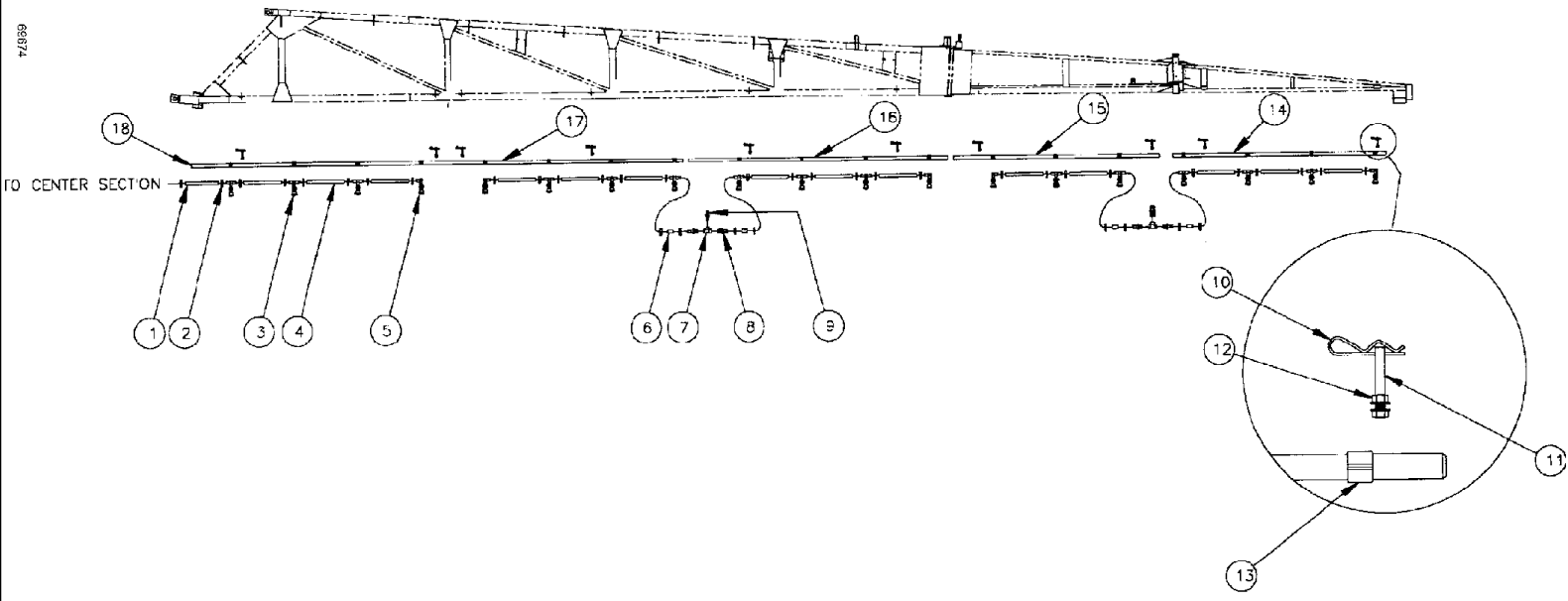
сылка	Номер детали	Кол-во	Описание
1	BN75990	8	CLAMP, SS, #16.81 to 1.5 A
2	BN53758	1	HOSE, HOSE, 1" EPDM, 222.0"
3	BN67565	1	HOSE, HOSE, 1" EPDM x 350.00"
4	BN53476	4	FITTING, BARB, poly, 1" NPT x 1" HS
5	BN69620	2	VALVE, BALL VALVE ASSEMBLY
6	413-412	4	BOLT, Hex, 1/4"-20 x 3/4", G5, Full Thd, hex head, 1/4-20 x .75, G5
7	231-4144	4	NUT, LOCK, 1/4"-20, GB,
8	BN24083	2	PLATE, MOUNTING, MNT., 7GA HRS 3.0 x 5.75/2
9	BN73648	2	NIPPLE, LUBE, poly pipe, short, 1"
10	BN73681	2	FILTER, STRAINER, STRAINER ASSEMBLY, 1", 50 mesh
11	BN53871	1	HOSE, 1" EPDM x 18.0"
12	BN53845	1	HOSE, EPDM, 1" x 108"
13	BN53668	2	COUPLING, CPLR, 1"FML, HS SHK



69575

сылка	Номер детали	Кол-во	Описание
1	BN73663	1	FITTING, BARB, 1.25 NPT x 1.25 HS, 90 DEG
2	BN75990	4	CLAMP, SS, #16, .81 to 1.5 A
3	BN53887	1	HOSE, HOSE, 1.25" EPDM x 84"
4	BN69960	1	REDUCER, COUPLING reducer, 1.5 - 1.25
5	BN24776	1	MANIFOLD, MANIFOLD, 5 way 1.5" outlet
6	BN73731	1	PLUG, PLUG poly pipe, 1-1/2
7	BN69393	1	HOSE, 1" EPDM, 58.00"
8	BN53476	2	FITTING, BARB poly, 1" NPT x 1" HS
9	BN73629	1	TEE, poly pipe, 1"
10	BN73648	2	NIPPLE, LUBE, poly pipe, short, 1"
11	BN69620	1	VALVE, BALL VALVE ASSEMBLY
12	413-412	2	BOLT, Hex, 1/4"-20 x 3/4", G5, Full Thd, hex head, 1/4-20 x .75, G5
13	231-4144	2	NUT, LOCK, 1/4"-20, GB,
14	BN24083	1	PLATE, MOUNTING, MNT.- 7GA HRS, 3.0 x 5.75/2
15	BN73681	1	FILTER, STRAINER, STRAINER ASSEMBLY, 1", 50 mesh
16	BN66859	1	HOSE, 1" EPDM x 23.00"
17	BN53668	1	COUPLING, CPLR, 1" FML, HS SHK
18	BN2390261	1	SLEEVE, BUSHING reducing, 1 x 1/4 NPT
19	BN53734	1	FITTING, E, 90 DEG, 1/4 NPT x 9/16 JIC
20	BN67393	1	HOSE, HOSE, 3/8" ID EDPM x 278"
21	BN76084	2	CLAMP, ADJ, #24, SS





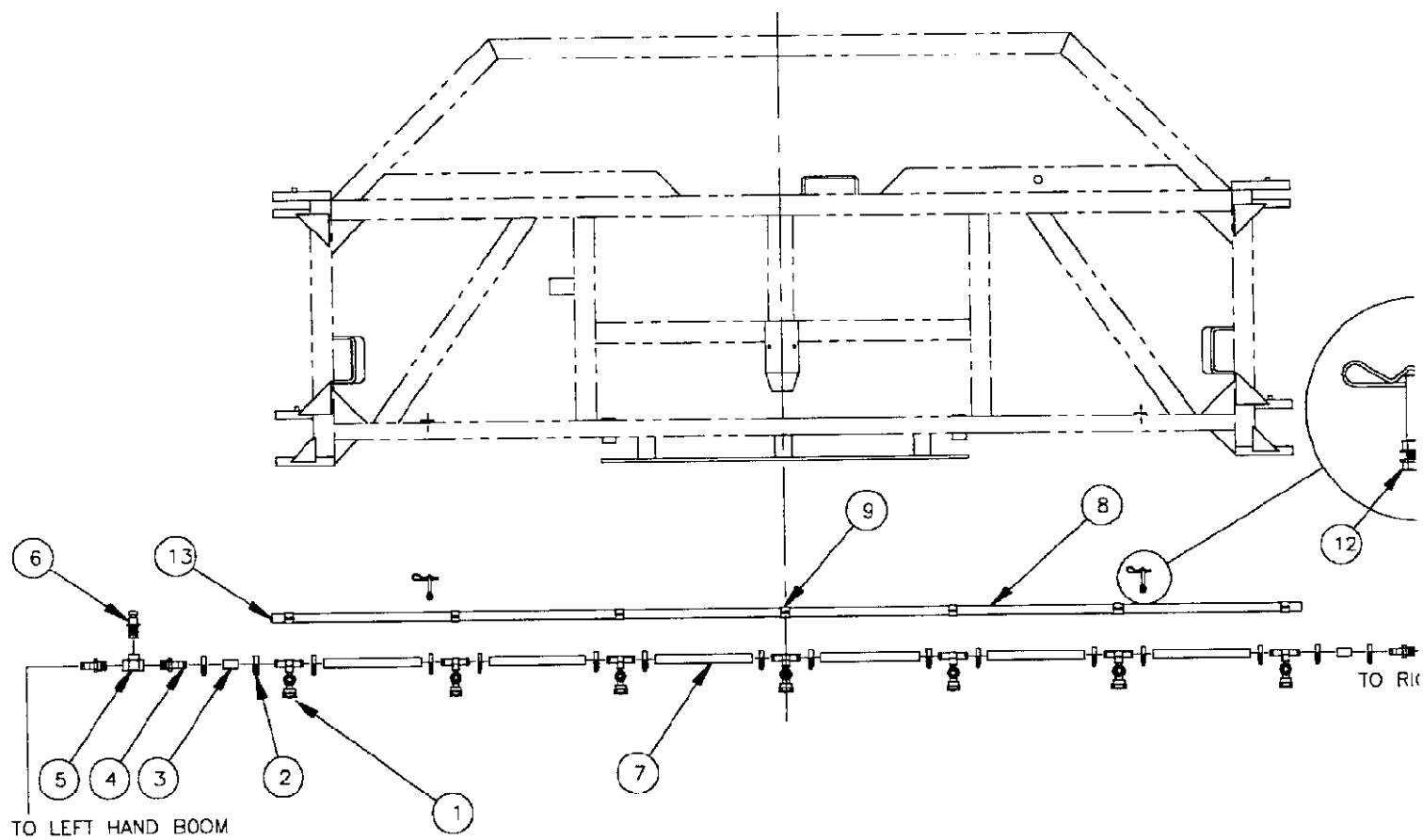
SPX3185 PATRIOT SPRAYER (10/02- )

09-029 LIQUID PLUMBING - 75' 3-BOOM SHUTOFF 20" NOZZLE SPACING

сылка	Номер детали	Кол-во	Описание
1	BN53749	1	HOSE, HOSE, EPDM 3/4" ID x 36.0"
2	BN75978	38	CLAMP, SS, #12 ADJ HS, .56 - 1.25
3	BN74617	14	INJECTOR, FUEL SYSTEM, NOZZLE w/cap, 1-W.75 DBL
4	BN53738	14	HOSE (METRES), EPDM, 3/4" ID x 18.5"
5	BN74618	5	NOZZLE w/cap, 1-W.75 SGL
6	BN53737	4	HOSE, EPDM, 3/4" ID x 7.5"
7	BN73629	2	TEE, poly pipe, 1"
8	BN53666	4	FITTING, HOSEBARB, 1 NPT x 3/4
9	BN53667	2	COUPLING, CMLCK, ML, THD, TO ML
10	BN71006	10	CLIP, hairpin, 1/8", #11
11	BN29599	10	PIN, PIN rework bolt, 3/8 x 2.75
12	231-4146	20	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB
13	BN74448	19	CLAMP, CLAMP square tubing, 1"
14	BN25936	1	TUBE, HYD, TUBE, 1 x 1 x 12GA x 64.62
15	BN25937	1	TUBE, HYD, TUBE, 1 x 1 x 12GA x 66.5
16	BN24477	1	TUBE, HYD, TUBE, 1 x 1 x 12GA x 81.5
17	BN24478	1	TUBE, HYD, TUBE, 1 x 1 x 12GA x 155.0
18	BN32823	8	PLUG, CAPLUG tubing, fits 1 x 1 x 14G

RH/LH Boom Complete Part # BN69674 (RH Shown) (Ref Only) ☐

69675



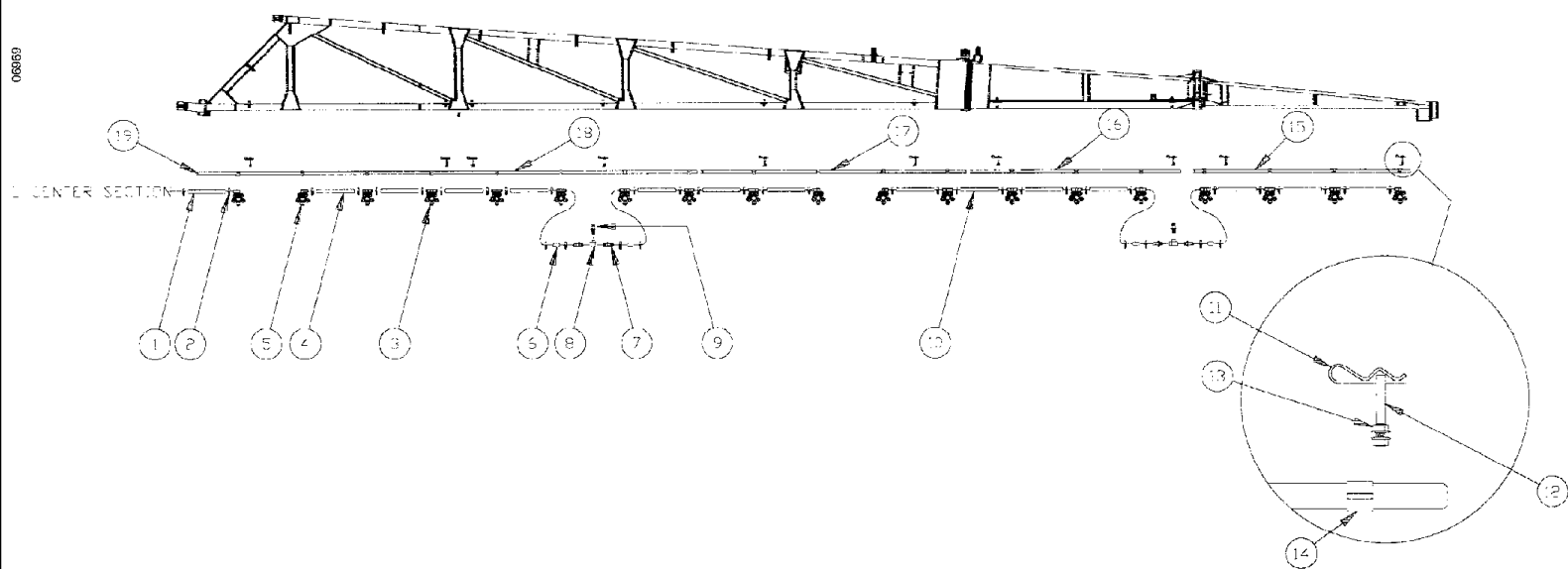
SPX3185 PATRIOT SPRAYER (10/02- )

09-030 LIQUID PLUMBING - 75' 3-BOOM SHUTOFF 20" NOZZLE SPACING

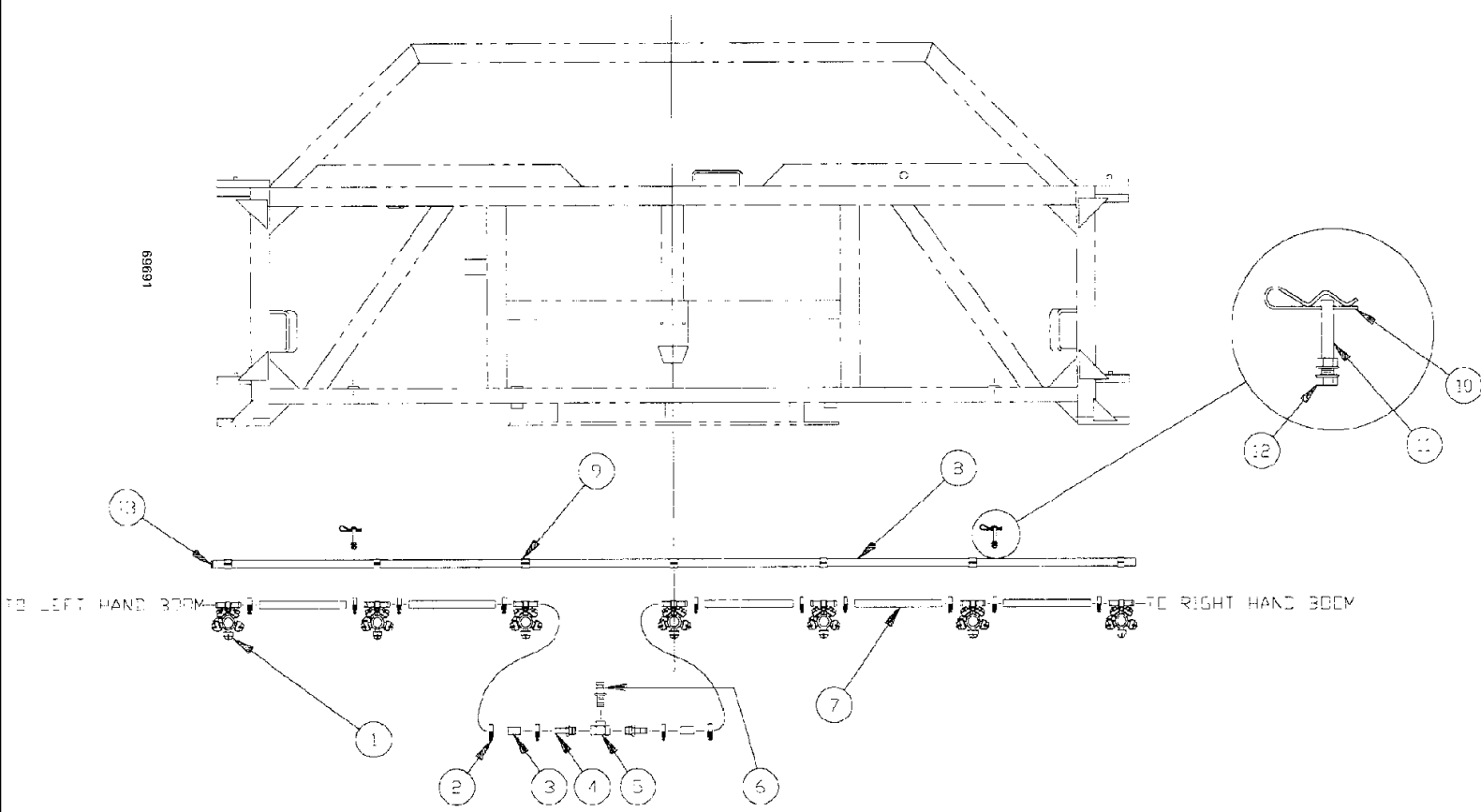
сылка	Номер детали	Кол-во	Описание
1	BN74617	7	INJECTOR, FUEL SYSTEM, NOZZLE w/cap, 1-W.75 DBL
2	BN75978	16	CLAMP, SS, #12 ADJ HS, .56 - 1.25
3	BN53843	2	HOSE, HOSE, EPDM, 3/4" ID x 12.5
4	BN53666	4	FITTING, HOSEBARB, 1 NPT x 3/4 hose
5	BN73629	2	TEE, poly pipe, 1"
6	BN53667	2	COUPLING, CMLCK, ML, THD, TO ML
7	BN53738	6	HOSE (METRES), EPDM, 3/4" ID x 18.5"
8	BN24486	1	TUBE, TUBE, 1 x 1 x 12GA x 124.0
9	BN74448	7	CLAMP, CLAMP square tubing, 1"
10	BN71006	2	CLIP, hairpin, 1/8", #11
11	BN29599	2	PIN, PIN rework bolt, 3/8 x 2.75
12	231-4146	4	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB
13	BN32823	2	PLUG, CAPLUG tubing, fits 1 x 1 x 14G

Center Boom Complete Part # BN69675 (Ref Only)

090909



сылка	Номер детали	Кол-во	Описание
1	BN53749	1	HOSE, HOSE , EPDM, 3/4" ID x 36.0"
2	BN75978	38	CLAMP, SS, #12 ADJ HS, .56-1.25
3	BN68699	14	NOZZLE, NOZZLE, 5 way double, 3/4" SHA
	BN74621	14	NOZZLE, NOZZLE, 3 way double, 3/4" SHA
	BN74617	14	INJECTOR, FUEL SYSTEM, NOZZLE, 1 way double, 3/4" SHA
4	BN53738	13	HOSE (METRES), EPDM, 3/4" ID x 18.5"
5	BN69475	5	NOZZLE, NOZZLE, 5 way single, 3/4" SHA
	BN74622	5	NOZZLE, NOZZLE, 3 way single, 3/4" SHA
	BN74618	5	NOZZLE, 1 way single, 3/4" SHA
6	BN53737	4	HOSE, HOSE, EPDM, 3/4" ID x 7.5"
7	BN53666	4	FITTING, HOSEBARB, 1 NPT x 3/4 hose
8	BN73629	2	TEE, poly pipe, 1"
9	BN53667	2	COUPLING, CMLCK, ML, THD, TO, ML
10	BN53819	1	HOSE, HOSE, EPDM, 3/4" ID x 66"
11	BN71006	10	CLIP, hairpin, 1/8", #11
12	BN29599	10	PIN, PIN rework bolt, 3/8 x 2.75
13	231-4146	20	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB
14	BN74448	19	CLAMP, CLAMP square tubing, 1"
15	BN25936	1	TUBE, HYD, TUBE, 1 x 1 x 12GA x 64.62
16	BN25937	1	TUBE, HYD, TUBE, 1 x 1 x 12GA x 66.5
17	BN24477	1	TUBE, HYD, TUBE, 1 x 1 x 12GA x 81.5
18	BN24478	1	TUBE, HYD, TUBE, 1 x 1 x 12GA X 155.0
19	BN32823	8	PLUG, CAPLUG tubing fits, 1 x 1 x 14G

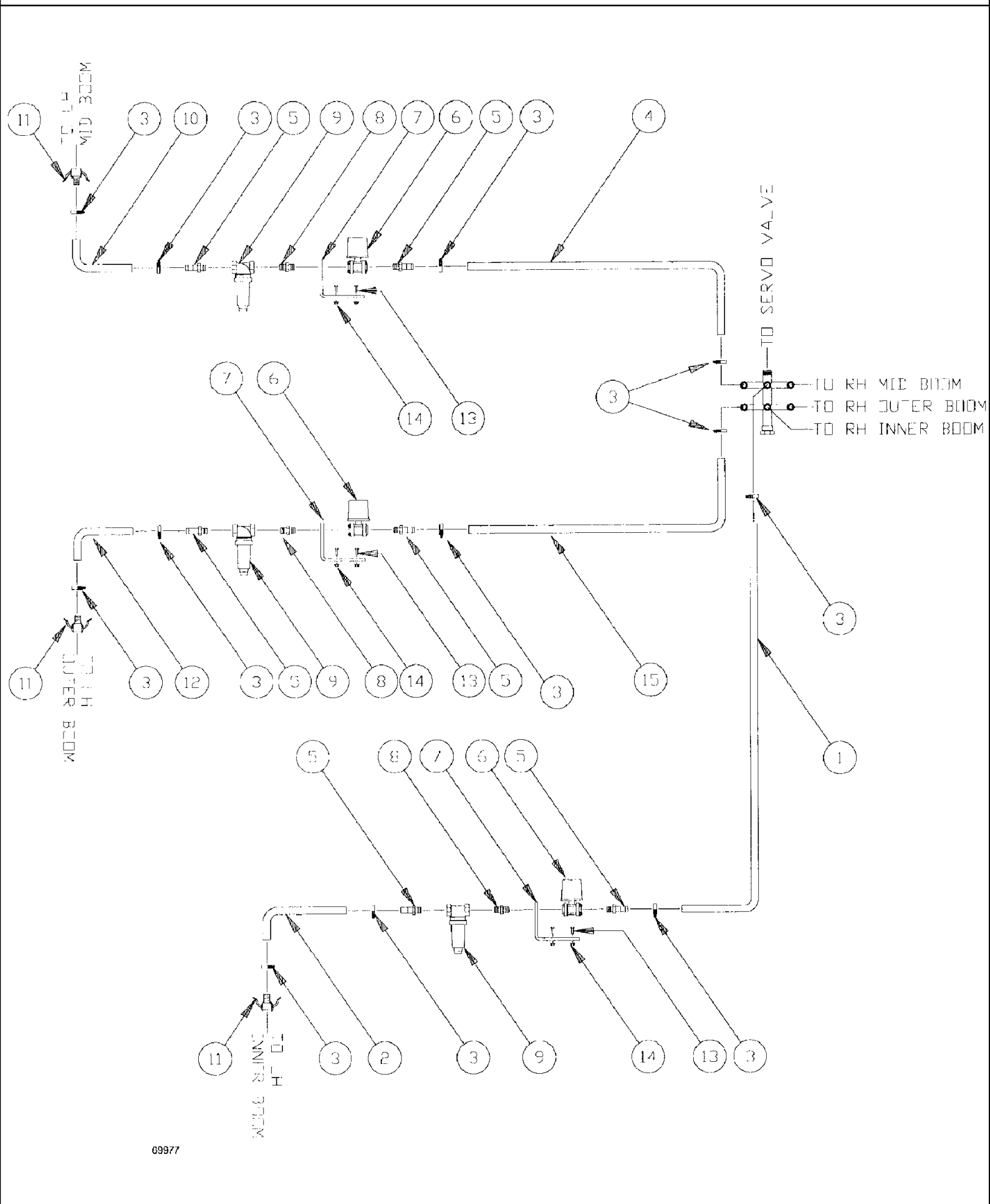


SPX3185 PATRIOT SPRAYER (10/02- )

09-032 LIQUID PLUMBING - 75' 5-BOOM SHUTOFF 20" NOZZLE SPACING

сылка	Номер детали	Кол-во	Описание
1	BN68699	7	NOZZLE, NOZZLE, 5 way double, 3/4" SHA
	BN74621	7	NOZZLE, NOZZLE, 3 way double, 3/4" SHA
	BN74617	7	INJECTOR, FUEL SYSTEM, NOZZLE, 1 way double, 3/4" SHA
2	BN75978	14	CLAMP, SS, #12 ADJ HS, .56-1.25
3	BN53737	2	HOSE, HOSE, EPDM, 3/4" ID x 7.5"
4	BN53666	2	FITTING, HOSEBARB, 1 NPT x 3/4 hose
5	BN73629	1	TEE, poly pipe, 1"
6	BN53667	1	COUPLING, CMLK, ML, THD, TO ML
7	BN53738	5	HOSE (METRES), EPDM, 3/4" ID x 18.5"
8	BN24486	1	TUBE, TUBE, 1 x 1 x 12GA x 124.0
9	BN74448	7	CLAMP, CLAMP square tubing, 1"
10	BN71006	2	CLIP, hairpin, 1/8", #11
11	BN29599	2	PIN, PIN rework bolt, 3/8 x 2.75
12	231-4146	4	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB
13	BN32823	2	PLUG, CAPLUG tubing, fits 1 x 1 x 14G



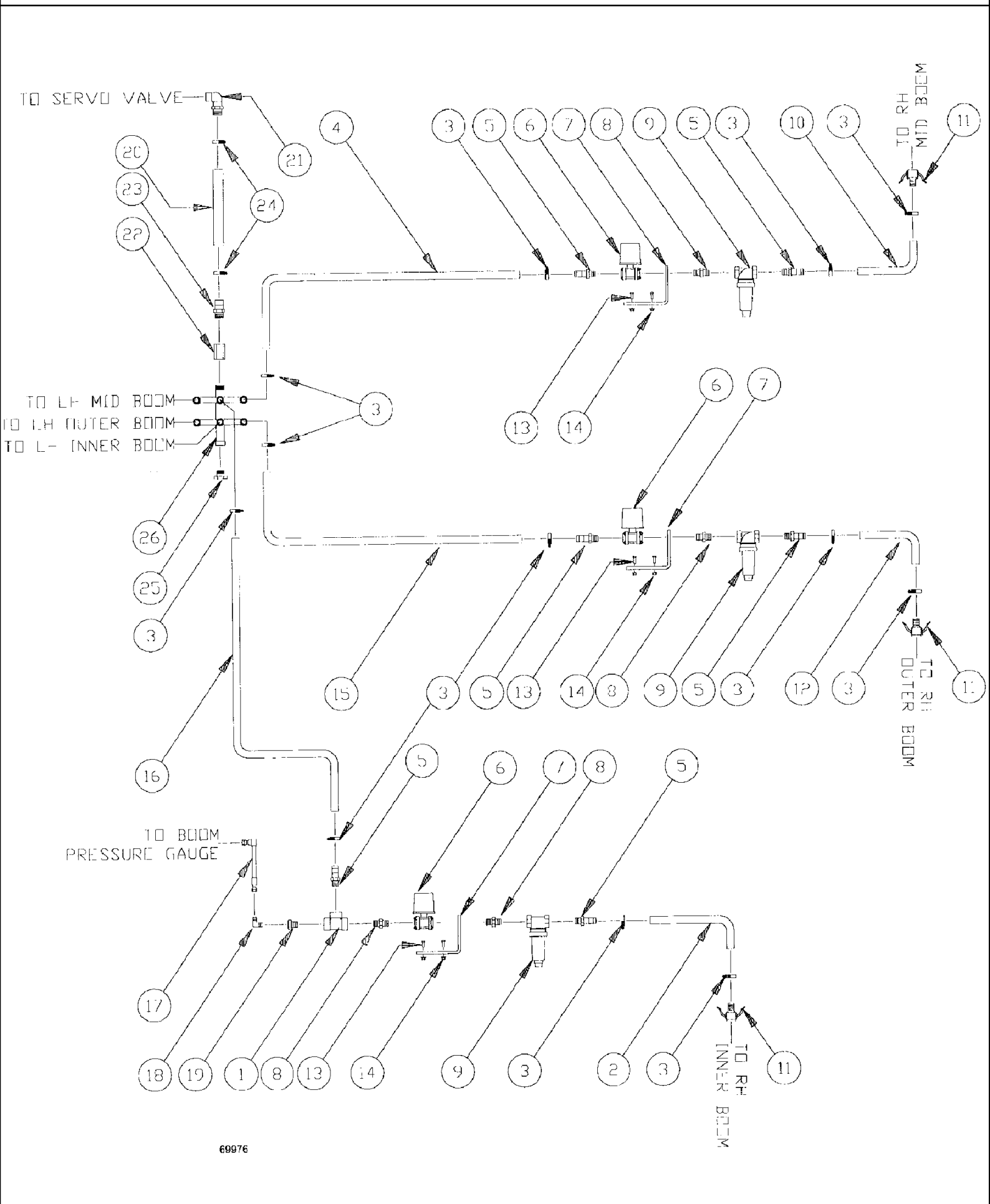


SPX3185 PATRIOT SPRAYER (10/02- )

09-034 LIQUID PLUMBING - 90' 6-BOOM SHUTOFF REVEN/MID-TECH LH BOOM

сылка	Номер детали	Кол-во	Описание
1	BN66857	1	HOSE, HOSE, 1" EPDM x 15.00"
2	BN66858	1	HOSE, 1" EPDM x 31.00"
3	BN75990	12	CLAMP, SS, #16, .81 to 1.5 A
4	BN53746	1	HOSE, HOSE, 1" EPDM x 250.0"
5	BN53476	6	FITTING, BARB poly, 1" NPT x 1" HS
6	BN69620	3	VALVE, BALL VALVE ASSEMBLY
7	BN24083	3	PLATE, MOUNTING, MNT., 7GA HRS, 3.0 x 5.75/2
8	BN73648	3	NIPPLE, LUBE, poly pipe, short, 1"
9	BN73681	3	FILTER, STRAINER, STRAINER ASSEMBLY, 1"-50 mesh
10	BN67565	1	HOSE, HOSE, 1" EPDM x 350.00"
11	BN53668	3	COUPLING, CPLR, 1" FML, HS SHK
12	BN66855	1	HOSE, HOSE, 1" EPDM x 26.00"
13	413-412	6	BOLT, Hex, 1/4"-20 x 3/4", G5, Full Thd, hex head, 1/4-20 x .75, G5
14	231-4144	6	NUT, LOCK, 1/4"-20, GB,
15	BN66854	1	HOSE, HOSE, 1" EPDM x 135.00"

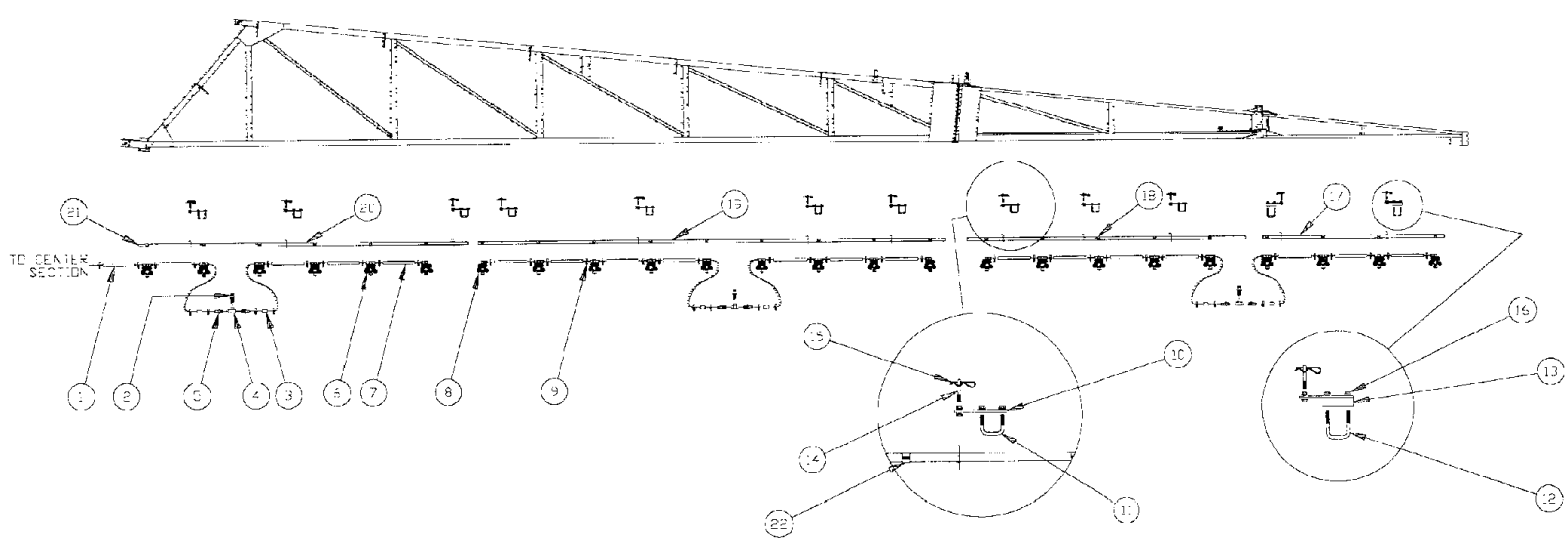
Complete Part # BN69977 (Ref Only)



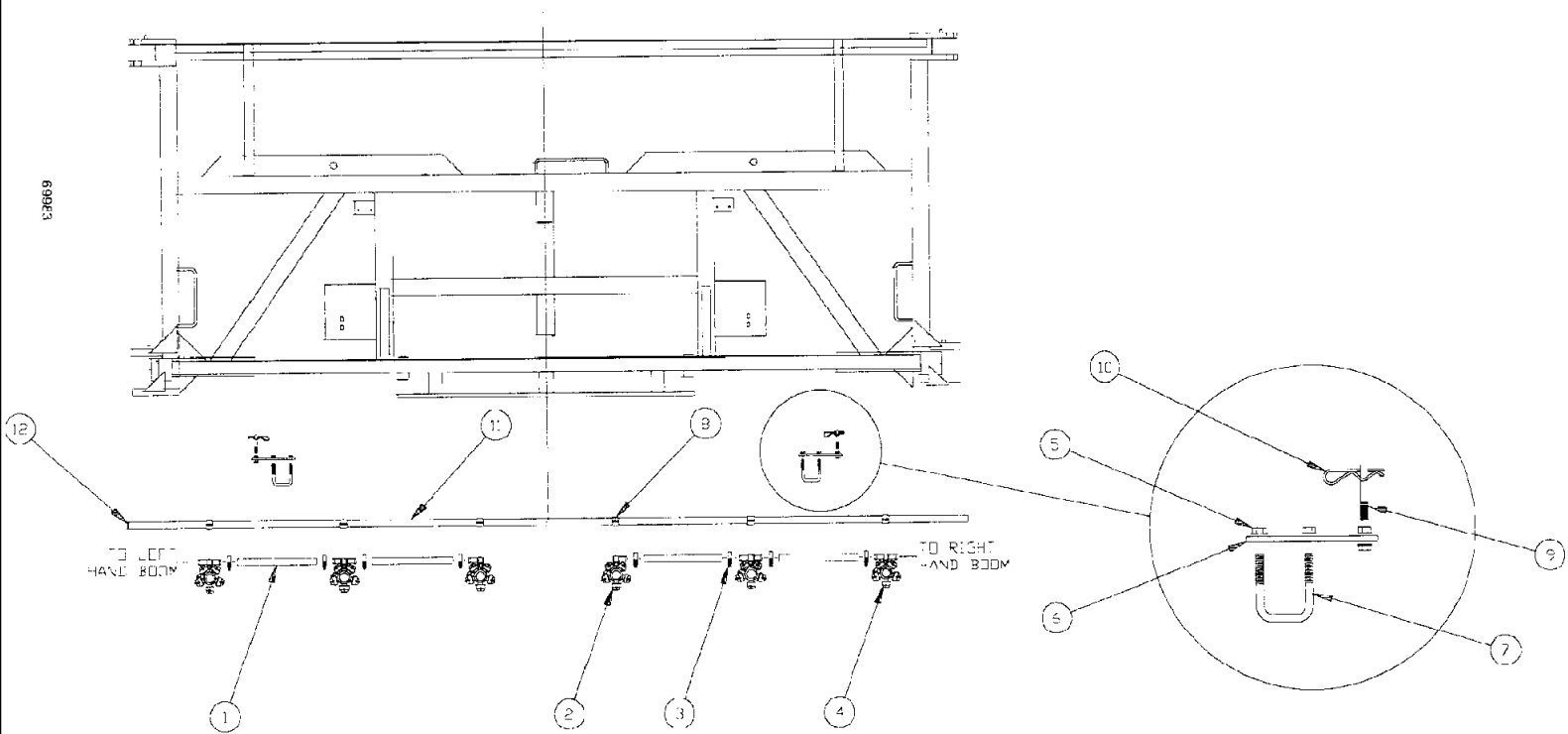
69976

сылка	Номер детали	Кол-во	Описание
1	BN73629	1	TEE, poly pipe, 1"
2	BN66858	1	HOSE, 1" EPDM x 31.00"
3	BN75990	12	CLAMP, SS, #16, .81 to 1.5 A
4	BN53746	1	HOSE, HOSE, 1" EPDM x 250.0"
5	BN53476	6	FITTING, BARB poly, 1" NPT x 1" HS
6	BN69620	3	VALVE, BALL VALVE ASSEMBLY
7	BN24083	3	PLATE, MOUNTING, MNT., 7GA HRS, 3.0 x 5.75/2
8	BN73648	4	NIPPLE, LUBE, poly pipe, short, 1"
9	BN73681	3	FILTER, STRAINER, STRAINER ASSEMBLY, 1", 50 mesh
10	BN67565	1	HOSE, HOSE, 1" EPDM x 350.00"
11	BN53668	3	COUPLING, CPLR, 1" FML, HS SHK
12	BN66855	1	HOSE, HOSE, 1" EPDM x 26.00"
13	413-412	6	BOLT, Hex, 1/4"-20 x 3/4", G5, Full Thd, hex head, 1/4-20 x .75, G5
14	231-4144	6	NUT, LOCK, 1/4"-20, GB,
15	BN66854	1	HOSE, HOSE, 1" EPDM x 135.00"
16	BN66857	1	HOSE, HOSE, 1" EPDM x 15.00"
17	BN67990	1	HOSE (METRES), 3/8" ID, EPDM x 260"
18	BN53734	1	FITTING, E, 90 DEG, 1/4 NPT x 9/16 JIC
19	BN2390261	1	SLEEVE, BUSHING reducing, 1 x 1/4 NPT
20	BN67135	1	HOSE, HOSE, 1.25 EPDM x 90.00"
21	BN73663	1	FITTING, BARB, 1.25 NPT x 1.25 HS, .90 DEG
22	BN73738	1	COUPLING, poly pipe, 1-1/2"
23	BN73740	1	FITTING, BARB, 1-1/2 NPT x 1-1/4 HB
24	BN76084	2	CLAMP, ADJ, #24, SS
25	BN73731	1	PLUG, poly pipe, 1-1/2
26	BN66643	1	MANIFOLD, OUTLET, 6 port

RIGHT



сылка	Номер детали	Кол-во	Описание
1	BN53914	1	HOSE, HOSE, 3/4" ID, EPDM x 60"
2	BN53667	3	COUPLING, CMLCK, ML, THD, TO ML
3	BN53737	6	HOSE, HOSE, EPDM 3/4" ID x 7.5"
4	BN73629	3	TEE, poly pipe, 1"
5	BN53666	6	FITTING, HOSEBARB, 1 NPT x 3/4
6	BN68699	19	NOZZLE, NOZZLE, 5-way double, 3/4" SHA
	BN74621	19	NOZZLE, NOZZLE, 3-way double, 3/4" SHA
	BN74617	19	INJECTOR, FUEL SYSTEM, NOZZLE, 1-way double, 3/4" SHA
7	BN53738	18	HOSE (METRES), HOSE, EPDM 3/4" ID x 18.5"
8	BN69475	5	NOZZLE, NOZZLE, 5-way double, 3/4" SHA
	BN74622	5	NOZZLE, NOZZLE, 3-way single, 3/4" SHA
	BN74618	5	NOZZLE, 1-way single, 3/4" SHA
9	BN75978	50	CLAMP, SS, #12 ADJ HS, .56-1.25
10	BN67279	12	BRACKET, BRACKET dry mount boom
11	BN68061	12	U-BOLT, U-BOLT, 3/8"-SQ BND, 2.06 ID
12	BN53731	2	U-BOLT, U-BOLT, 3/8"-SQ BEND, 2" ID
13	BN68213	2	BAR, NOZZLE BAR SPACER breakaway
14	BN29599	12	PIN, PIN rework bolt, 3/8 x 2.75
15	BN71006	12	CLIP, HAIRPIN, 1/8", #11
16	231-4146	48	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB
17	BN25936	1	TUBE, HYD, TUBE, 1 x 1 x 12GA x 64.62
18	BN67274	1	TUBE, TUBE NOZZLE MOUNT
19	BN67275	1	TUBE, TUBE NOZZLE MOUNT
20	BN67277	1	TUBE, TUBE NOZZLE MOUNT
21	BN32823	8	PLUG, CAPLUG tubing, fits 1 x 1 x 14G
22	BN74448	24	CLAMP, CLAMP square tubing, 1"



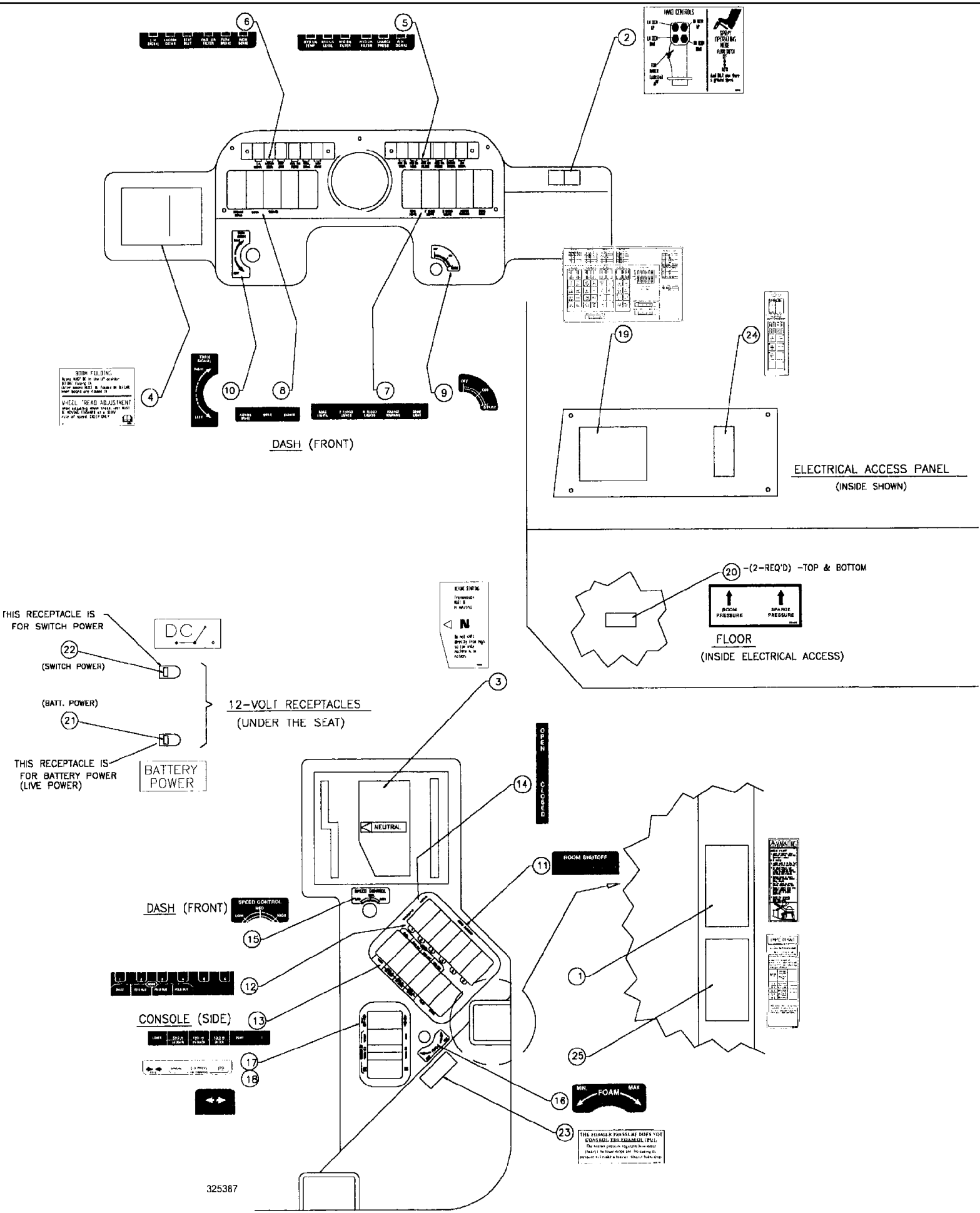
SPX3185 PATRIOT SPRAYER (10/02- )

09-038 LIQUID PLUMBING - 90' 6-BOOM SHUTOFF 20" NOZZLE SPACING

сылка	Номер детали	Кол-во	Описание
1	BN53738	4	HOSE (METRES), EPDM, 3/4" ID x 18.5"
2	BN69475	2	NOZZLE, NOZZLE, 5 way single, 3/4" SHA
▣	BN74622	2	NOZZLE, NOZZLE, 3 way single, 3/4" SHA
▣	BN74618	2	NOZZLE, 1 way single, 3/4" SHA
3	BN75978	8	CLAMP, SS, #12 ADJ, .56-1.25
4	BN68699	4	NOZZLE, NOZZLE, 5 way double, 3/4" SHA
	BN74621	4	NOZZLE, NOZZLE, 3 way double, 3/4" SHA
	BN74617	4	INJECTOR, FUEL SYSTEM, NOZZLE, 1 way double, 3/4" SHA
5	231-4146	8	NUT, LOCK, 3/8"-16, GB, hex head, 3/8-16, TLN, GB
6	BN67279	2	BRACKET, BRACKET dry boom mount
7	BN67284	2	U-BOLT, U-BOLT, 3/8 SQ BND, 1.25 ID
8	BN74448	6	CLAMP, CLAMP, square tubing, 1"
9	BN29599	2	PIN, PIN rework bolt, 3/8 x 2.75
10	BN71006	2	CLIP, hairpin, 1/8", #11
11	BN24486	1	TUBE, TUBE, 1 x 1 x 12GA x 124.0
12	BN32823	2	PLUG, CAPLUG tubing, fits 1 x 1 x 14G

Center Boom Complete Part # BN69983 (Ref Only)



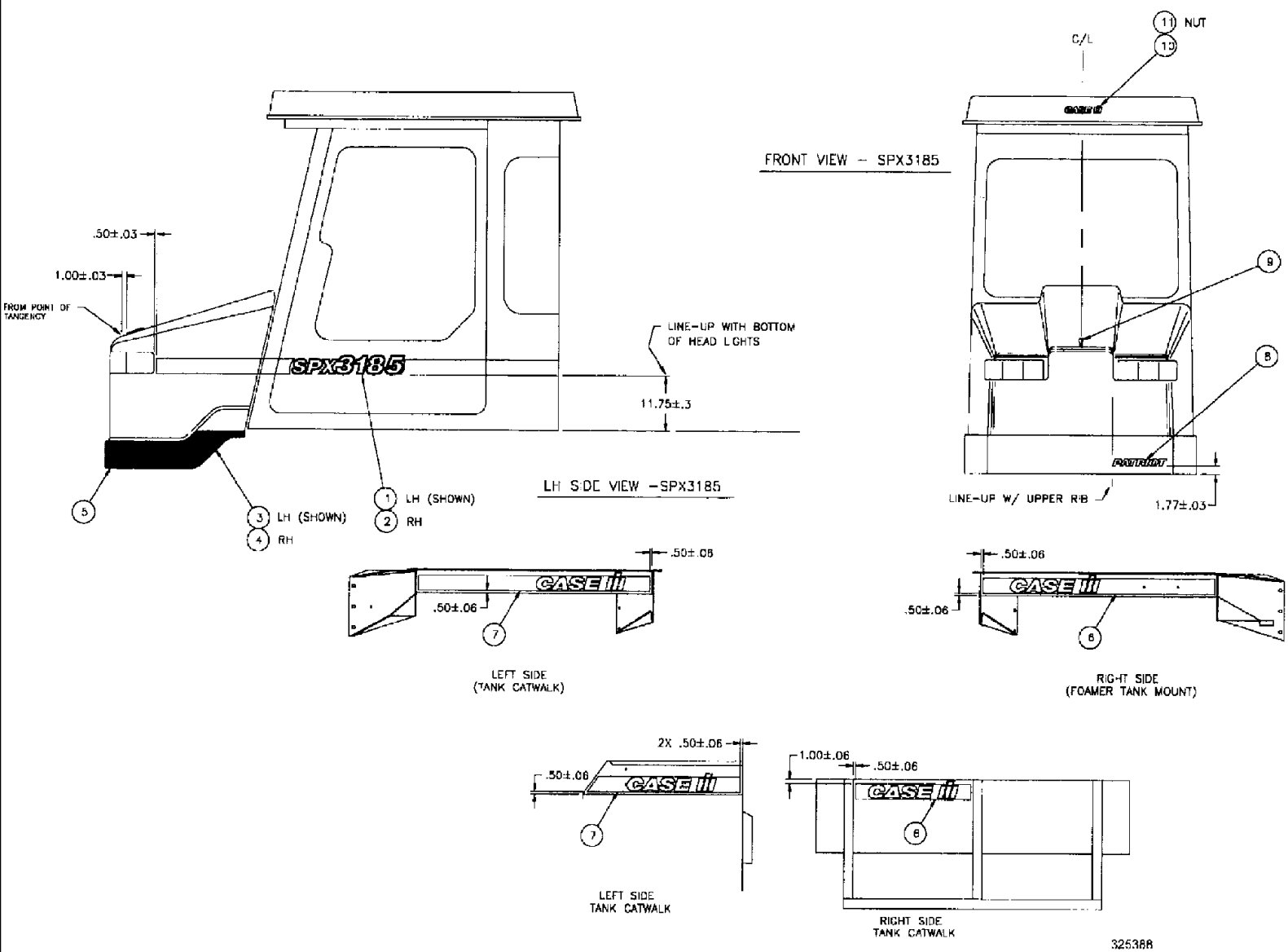


## SPX3185 PATRIOT SPRAYER (10/02- )

## 10-002 DECALS - INTERIOR DECALS

сылка	Номер детали	Кол-во	Описание
1	333087A1	1	DECAL, warning, elect. hazrd
2	BN313992	1	DECAL, hand contrl
3	333095A1	1	DECAL, start/shift
4	333096A1	1	DECAL, boom/wheel tread
5	BN69137	1	DECAL, RH, lite bar dash
6	BN69138	1	DECAL, LH, lite bar dash
7	BN69139	1	DECAL, RH, lite switch dash
8	BN69140	1	DECAL, LH, func switch dash
9	BN69141	1	DECAL, ignition dash
10	BN69142	1	DECAL, turn signal dash
11	BN69143	1	DECAL boom shutoff dash
12	BN69144	1	DECAL, DECAL boom func, upr, dash
13	BN69145	1	DECAL boom func, lwr, dash
14	BN69146	1	DECAL, boom, opn - close, dash
15	BN69147	1	DECAL, speed control dash
16	BN69148	1	DECAL, foamrkr, mn - mx, dash
17	BN315661	1	DECAL, DECAL axle, in, & aim func
19	343669A1	1	DECAL, DECAL fuse & relay layout
20	BN69489	2	DECAL, press. line info ncb
21	BN313612	1	DECAL, aux 1 , batt. power
22	BN315619	1	DECAL, switch powr batt
23	BN63916	1	DECAL, foam marker
24	BN69616	1	DECAL, DECAL fuse & relay bmctr
25	BN325392	1	RESTRICTION weight 3185

Complete Part # BN325387 (Ref Only)

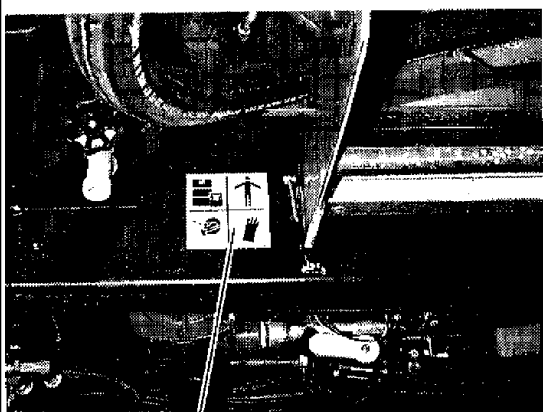


## SPX3185 PATRIOT SPRAYER (10/02- )

## 10-004 DECALS - EXTERIOR DECALS - GRAPHICS

сылка	Номер детали	Кол-во	Описание
1	BN325390	1	DECAL, DECAL, LH, SPX3185
2	BN325391	1	DECAL, DECAL, RH, SPX3185
3	336622A1	1	DECAL, LH, front hood
4	336623A1	1	DECAL, RH, front hood
5	336625A1	1	DECAL, MID, front hood
6	336615A1	1	DECAL, RH, rear stripe
7	336613A1	1	DECAL, LH, rear stripe
8	337687A1	1	DECAL, EMBLEM, "patriot"
9	1968108C2	1	GUIDE, TRIM hood sight
10	186882A1	1	EMBLEM CASE/IH, cast nameplate, Part available only through Case's Global After Sales Organization.
11	131-431	2	NUT, LOCK, Self, Threading, 1/4", PAL, #SD250011, Part available only through Case's Global After Sales Organization.

Complete Part # BN325388 (Ref Only)



1579



5

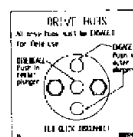
ADD HYDRAULIC OIL.  
When oil is not visible  
on bottom of sight gauge  
fill to top of sight.

7

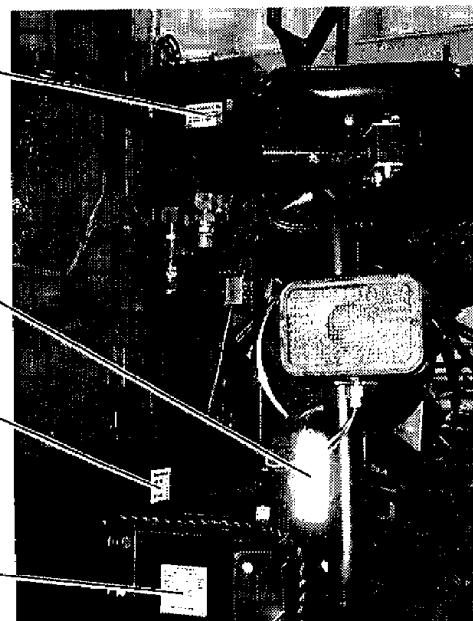
Torque wheel nuts  
to 452-500  
Ft. lbs.  
Check daily.

3

6



8



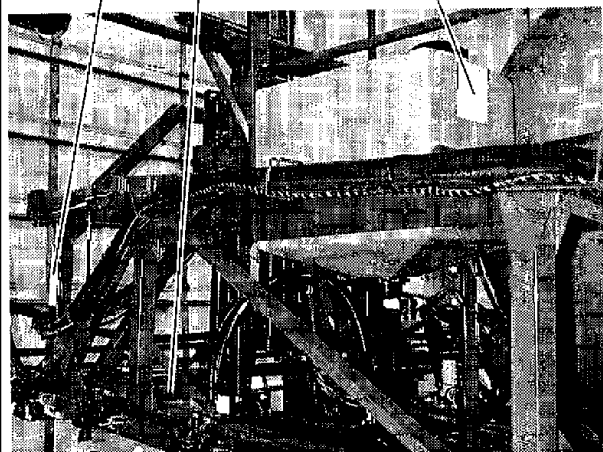
1580

**IMPORTANT**  
FOLLOW SAFETY WARNINGS  
ON THIS AND ALL EQUIPMENT  
OPERATED BY YOU.  
SAFETY IS YOUR RESPONSIBILITY.  
FOR MORE INFORMATION  
CONTACT THE MANUFACTURER  
OR YOUR LOCAL SALES  
AGENCY.

2

4

9



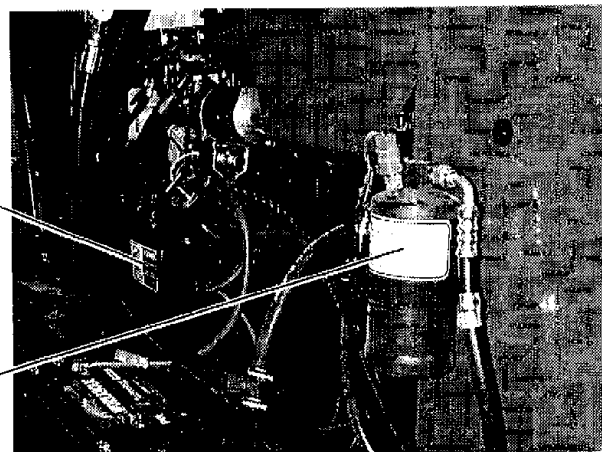
1582



10

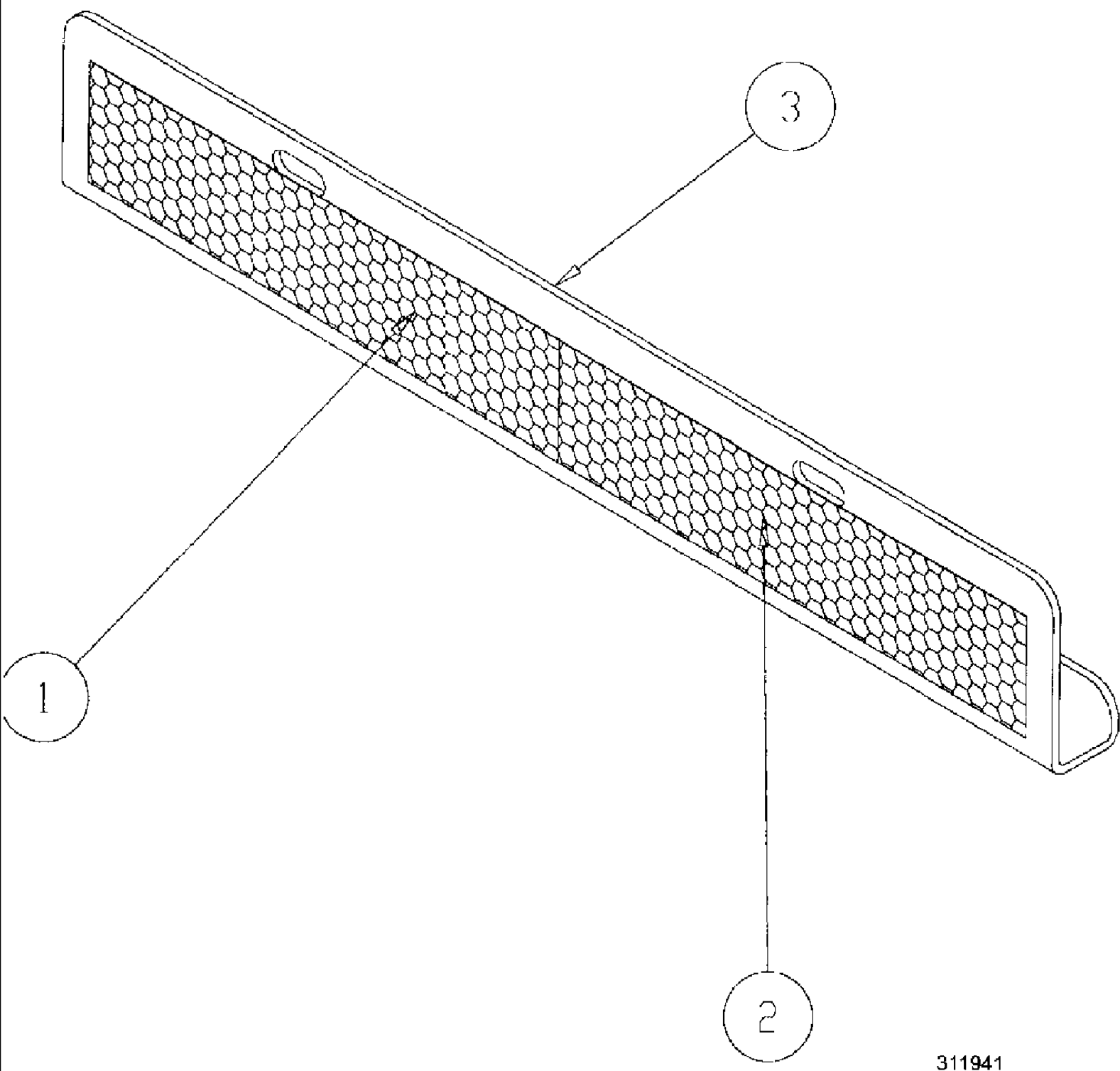
THIS AIR CONDITIONING SYSTEM  
IS CHARGED WITH FLAMMABLE  
REFRIGERANT. DO NOT USE ANY OTHER GAS.  
SYSTEM TO BE SERVICED  
BY QUALIFIED PERSONNEL.

1



1581

сылка	Номер детали	Кол-во	Описание
1	BN301704	1	DECAL, charge, w/134A gas
2	311863A1	2	REFLECTOR, retro, red, Part available only through Case's Global After Sales Organization.
3	311864A1	4	REFLECTOR, retro, amber, Part available only through Case's Global After Sales Organization.
4		1	REAR, reflect assembly, w/hdwre, see Figure 10-6
5	333088A1	1	DECAL, protective clothing
6	BN312660	1	DECAL, torque wheel nuts
7	333090A1	1	DECAL, add hydraulic oil
8	333097A1	1	DECAL, DECAL drive hubs
10	BN65207	1	DECAL, caut, jumpstart, pat



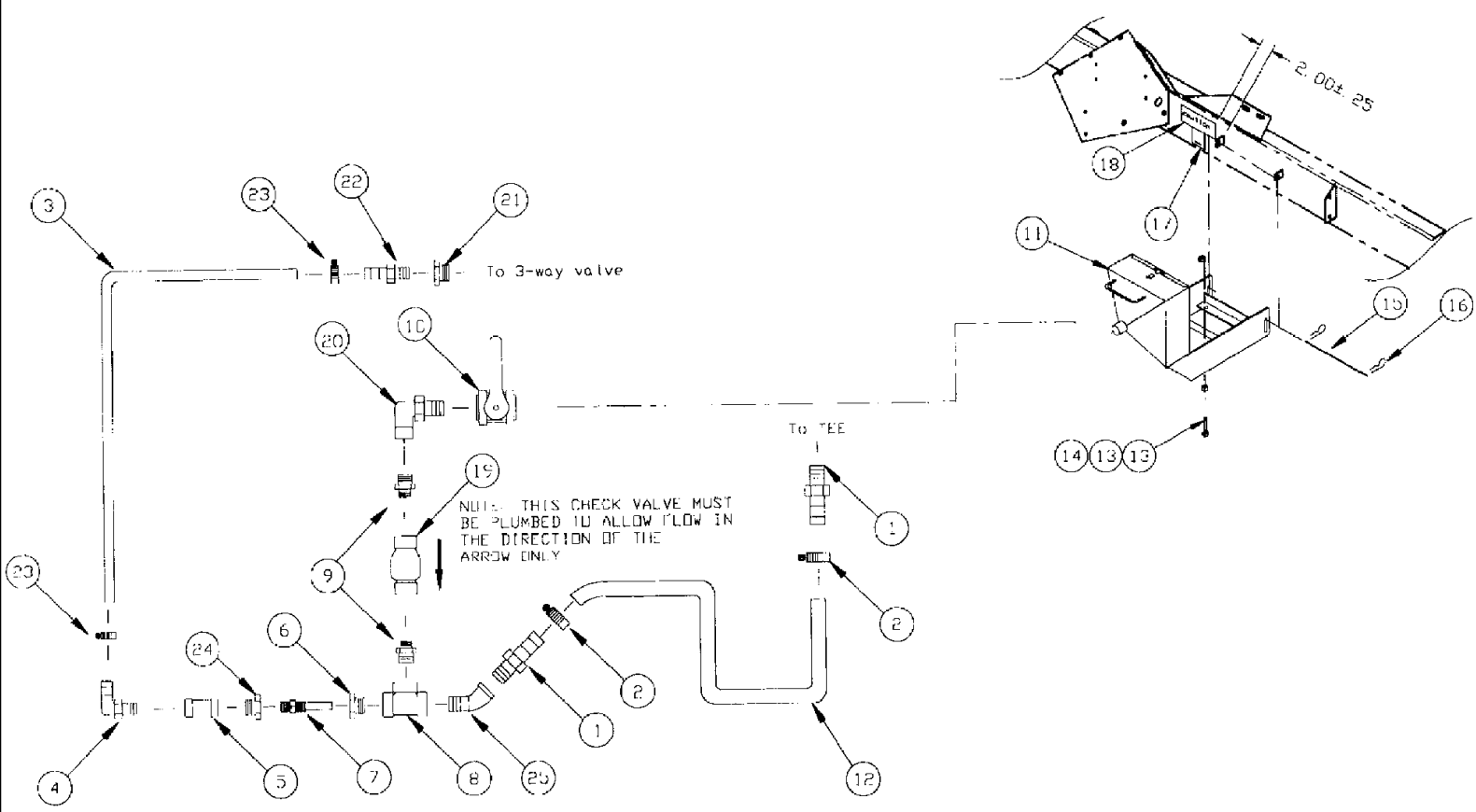
SPX3185 PATRIOT SPRAYER (10/02- )

10-006 DECALS - REFLECTOR ASSEMBLY - REAR

сылка	Номер детали	Кол-во	Описание
1	BN311865A1	1	REFLECTOR, fluor, orange, Part available only through Case's Global After Sales Organization.
2	BN311863A1	1	REFLECTOR, retro, red, Part available only through Case's Global After Sales Organization.
3	BN311926	1	REFLECTOR, PLATE
	BN50254	4	BOLT, hex head, 3/8-16 x 1, G5
	BN50146	4	WASHER, 3/8, FW, SS
	BN50062	4	NUT, 3/8-16, WLN, SS

Complete Part # BN311941 RH (Shown) (Ref Only), Complete Part # BN311940 LH (Ref Only)

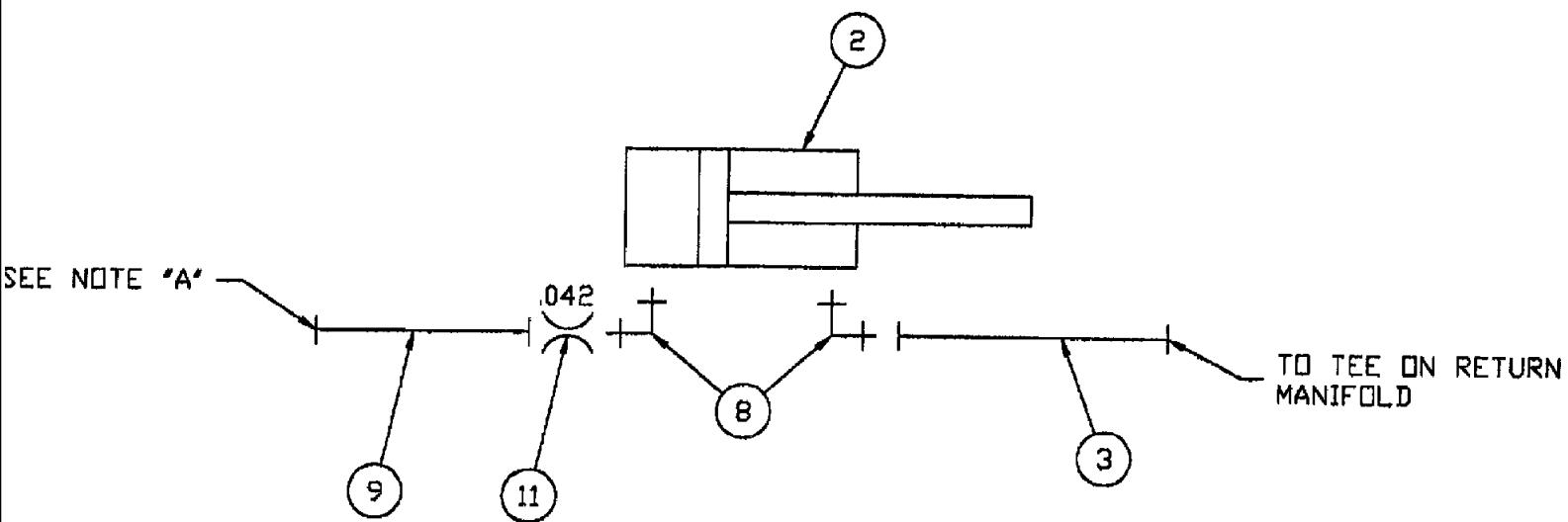




300571

## 11-002 OPTIONS - CHEMICAL INDUCTOR-SPHERICAL

сылка	Номер детали	Кол-во	Описание
1	BN73725	1	FITTING, BARB, 1.5 NPT x 1.5 HS
2	BN76093	2	CLAMP, SS, hose, #28
3	BN53912	1	HOSE, HOSE, 1" ID EPDM x 38"
4	BN53475	1	FITTING, BARB, 1" NPT x 1" HS, 90 D
5	BN66968	1	COUPLING, poly, 1"
6	BN73716	1	BUSHING, poly, reducer, 1.5 x .75
7	BN301610	1	VALVE, VENTURI rework
8	BN73714	1	TEE, poly, 1.5"
9	BN73727	2	NIPPLE, LUBE, poly, 1.5 x 1.25
10	BN73711	1	VALVE, ball, 1.5"
11	BN65145	1	FUNNEL, CHEM IND weldment
12	BN301615	1	HOSE, HOSE, 1.5" EPDM x 36"
15	BN24277	1	PIN, 3/8" SS rod x 13.75"
16	BN71006	2	CLIP, hairpin, 1/8", #11
19	BN24567	1	VALVE, check, 1-1/4" NPT
20	BN73730	1	FITTING, ELBOW, STRT, poly, 1-1/2
21	BN73717	1	BUSHING, poly, reducer, 1.5 x 1"
22	BN53476	1	FITTING, BARB poly, 1" NPT x 1" HS
23	BN76084	2	CLAMP, ADJ, #24, SS
24	BN53665	1	BUSHING, poly, 1" x .75
	333088A1	1	DECAL, protective clothing
	BN50232	1	BOLT, hex head, 5/16-18 x 1, SS
	BN50476	1	BOLT, hex head, 5/16-18 x .75, SS
	BN50057	2	NUT, lock, whiz, 5/16-18, SS
	BN50142	2	WASHER, 5/16, FW, SS
	BN52035	2	CLAMP, vinyl coated, 2" DIA



318559

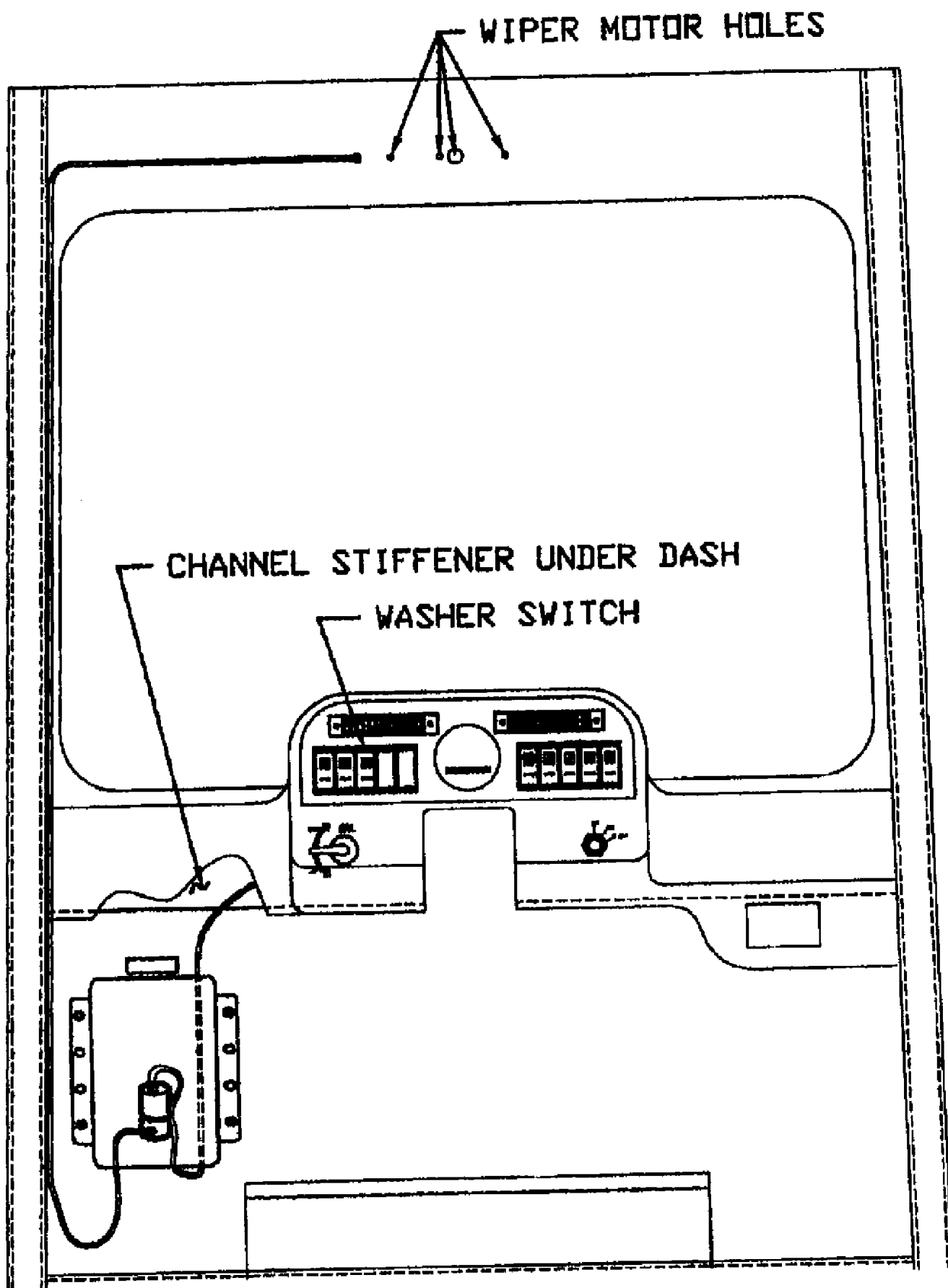
## SPX3185 PATRIOT SPRAYER (10/02- )

## 11-004 OPTIONS - LADDER, HYDRAULIC FRONT

сылка	Номер детали	Кол-во	Описание
1	BN21982	1	CLEVIS, 1" DIA CRS x 1.87
2	BN304687	1	CYLINDER ASSY., 1 x 6, SAE ports
3	BN316465	1	HOSE ASSY., 4 x 148"
4	BN50075	1	NUT, hex, 1/2-20, SS
5	439-1620	1	PIN, HEADED, 3/8" x 1 1/4", G2, clevis, 3/8 x 1
6	BN71006	2	CLIP, hairpin, 1/8", #11
7	439-1824	1	PIN, HEADED, 1/2" x 1 1/2", G2, clevis, 1/2 x 1
8	BN51591	2	ELBOW, 90 O-ring 37FL, 7/16
9	BN316464	1	HOSE ASSY., 4 x 97"
11	BN319640	1	VALVE, RESTRICTOR, ORIFICE 4 JIC, .042

Complete Part # BN318559 (Ref Only)

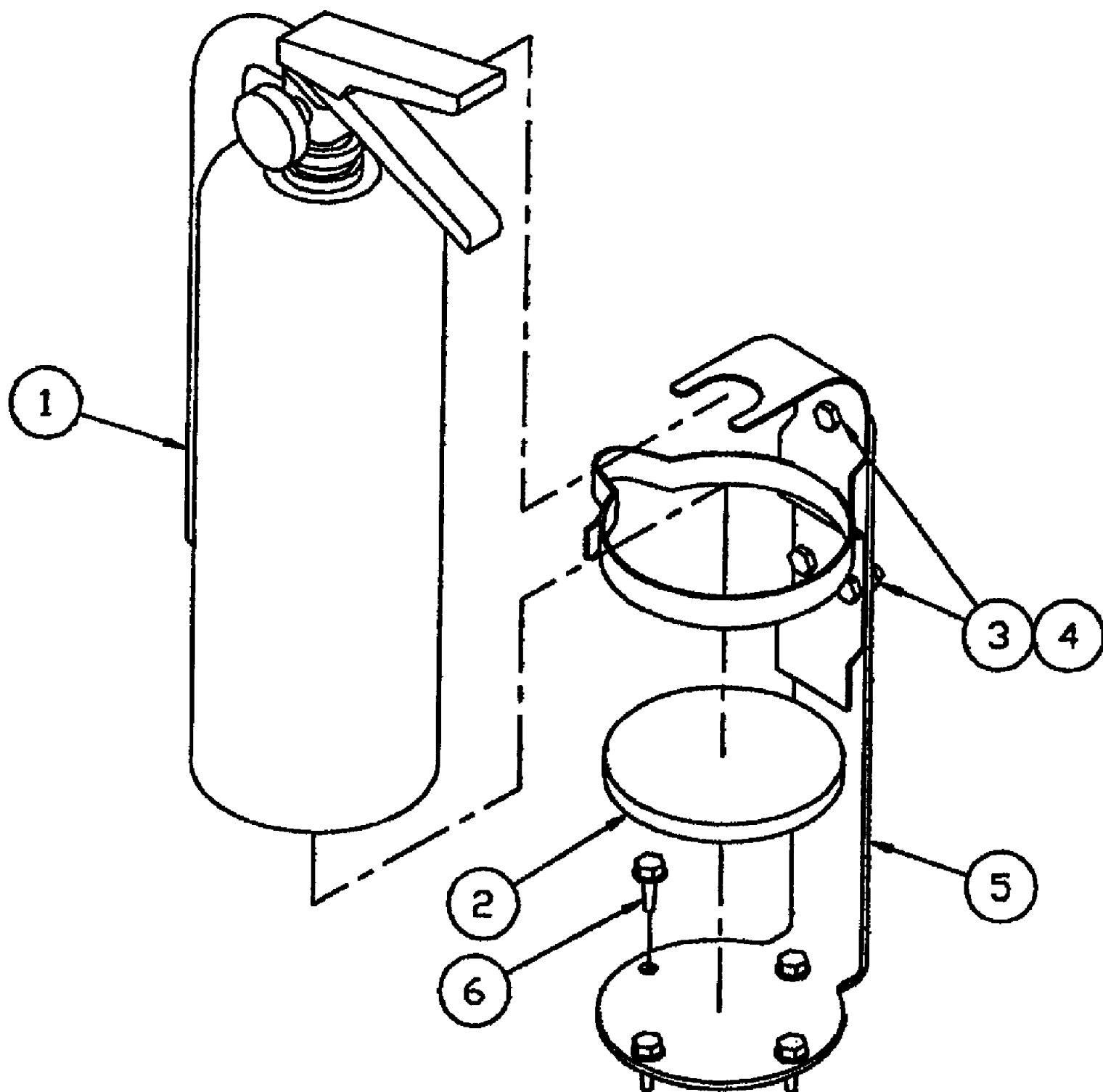
# INSIDE VIEW



## 11-005 OPTIONS - WINDSHIELD WASHER PACKAGE

сылка	Номер детали	Кол-во	Описание
BN29807		4	SPACER, 9/16" OD x 12GA x 1/2"
BN300238		1	HOSE, HOSE, 5/32" ID x 84"
BN309265		1	CABLE, TIE
BN50052		4	NUT, lock, whiz, 1/4-20, SS
BN50138		4	WASHER, 1/4, FW, SS
BN50688		4	BOLT, hex head, 1/4-20 x 1.25, SS
BN65947		1	SWITCH, SWITCH w/actuator, washer
BN67977		1	KIT, REPAIR, PKG. wet arm, windshield
BN67978		1	FITTING, FITTING bulkhead, washer
BN67979		1	BOTTLE, wash, w/shield, 12V
BN319829		1	CAP, CAP vented
BN98901		1	PUMP, PUMP ASSEMBLY, 12V

Complete Part # BN300226 (Ref Only)



SPX3185 PATRIOT SPRAYER (10/02- )

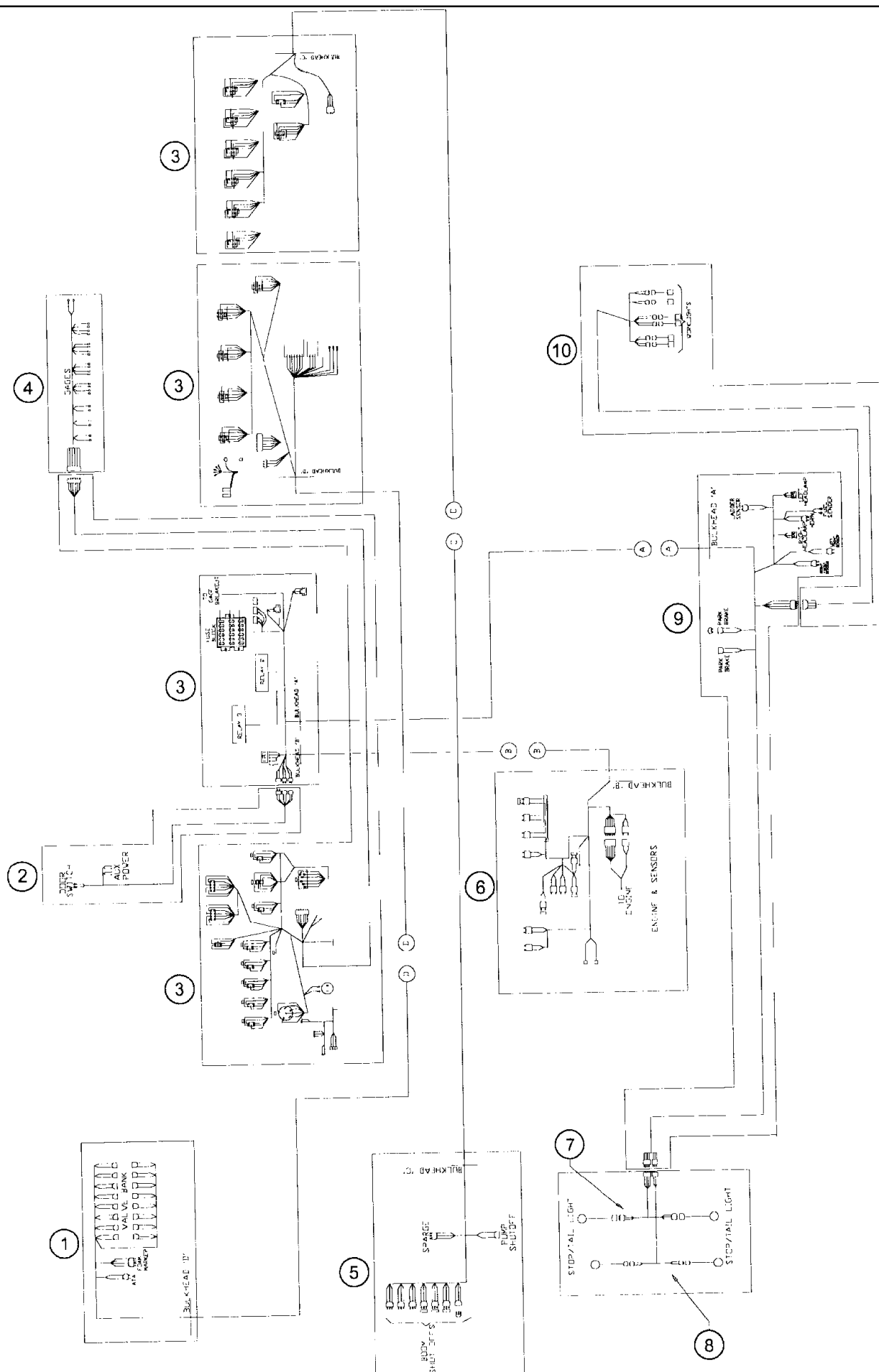
11-006 OPTIONS - FIRE EXTINGUISHER GROUP

сылка	Номер детали	Кол-во	Описание
1	BN2293569	1	FIRE EXTINGUISHER, EXTINGUISHER fire
2	BN325858	1	SUPPORT, FOAM support
3	BN52033	3	BOLT, hex head, 1/4-20 x .625, SS
4	BN55359	3	NUT, 1/4-20, NLN, SS
5	86986056	1	SUPPORT, SUPPORT fire extinguisher
6	276-14712	4	SCREW, Hex Hd, 1/4" x 3/4", 1/4-20 x 3/4, H/H

Complete Part # 344437A1 (Ref Only)



12-002 ELECTRICAL - HARNESS FLOW DIAGRAM



312840

## 12-002 ELECTRICAL - HARNESS FLOW DIAGRAM

сылка	Номер детали	Кол-во	Описание
1	BN65435	1	HARNESS, WIRE, WIRE HARNESS frame valves
2	BN68777	1	HARNESS, WIRE, WIRE HARNESS cab aux supp
3	BN69618	1	HARNESS, WIRE, HARNESS cab main wiring
4	BN67975	1	HARNESS, WIRE, WIRE HARNESS gauge assembly
5	BN69619	1	HARNESS, WIRE, HARNESS boom S.O. frame
6	BN68032	1	HARNESS, WIRE, WIRE HARNESS eng, hyd tank
7	BN68773	1	HARNESS, WIRE, WIRE HARNESS rear flasher
8	BN68772	1	HARNESS, WIRE, WIRE HARNESS taillight
9	BN68250	1	HARNESS, WIRE, WIRE HARNESS frame lights
10	BN68776	1	HARNESS, WIRE, WIRE ASSEMBLY work lights

**ART**

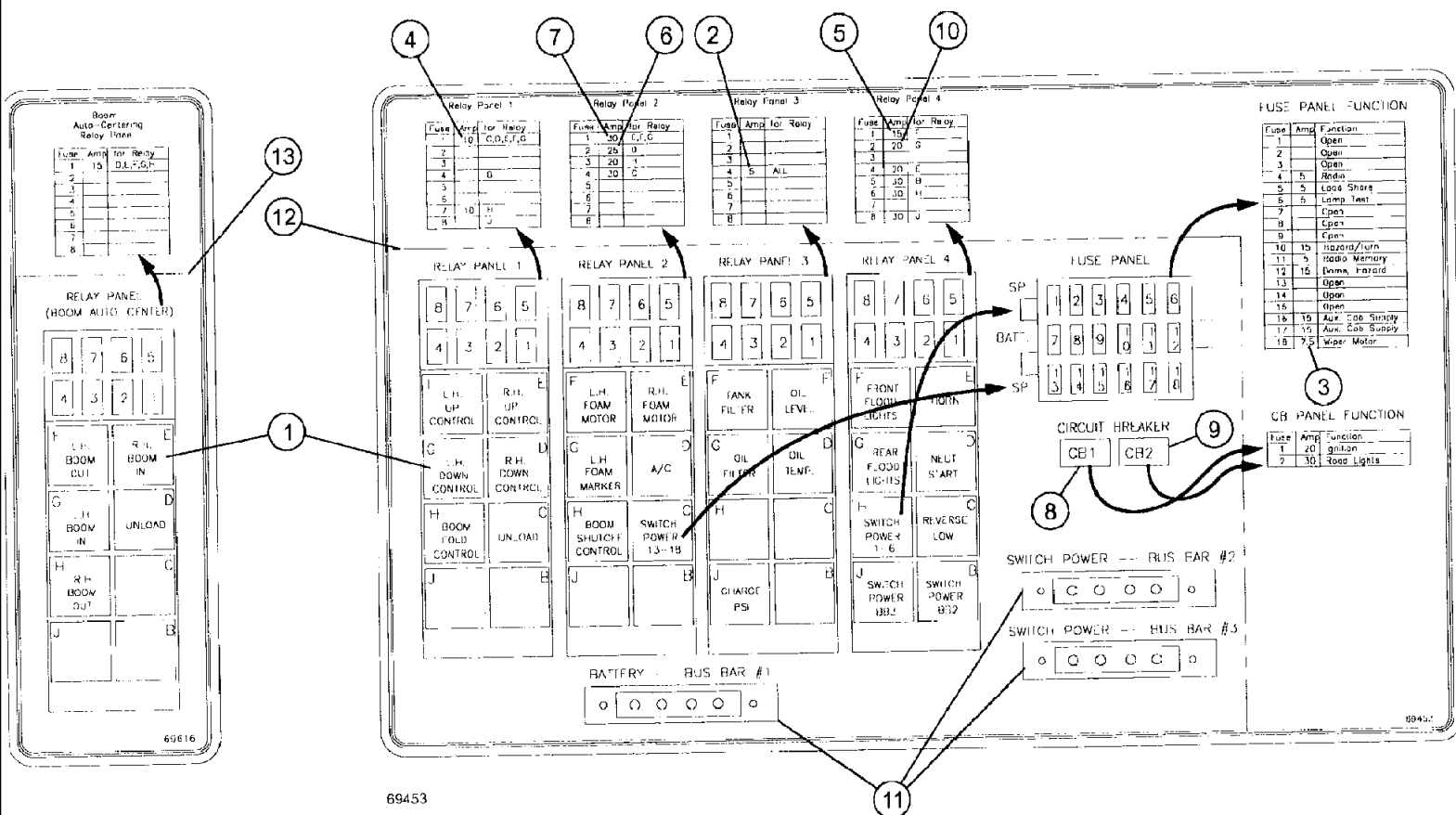
**NOT**

**AVAILABLE**

## 12-004 ELECTRICAL - RAVEN CONTROLLER

сылка	Номер детали	Кол-во	Описание
343241A1		1	DECAL, DECAL fence row, raven
343496A1		1	GRP, flow cntrl, raven, 781
BN302855		1	VALVE, 1-1/2", 440 assembly
BN308040		1	FITTING, FITTING, 1.5 NPT, 1.25 HB, 90
BN73740		1	FITTING, BARB, 1-1/2 NPT x 1-1/4 HB
BN24524		1	VALVE, HYDRAULIC, VALVE MT weldment raven
BN24530		1	HOSE, 1-1/4 EPDM x 6
BN300981		1	CONTROL UNIT, RAVEN SYST, 460, 55, NCAB
BN24520		1	KIT, REPAIR, FLOWMETER 55
BN302855		1	VALVE, ASSEMBLY, 1-1/2" 440
BN306824		1	HARNESS, valve ext
BN314211		1	CABLE, console
BN323406		1	CONTROL UNIT, raven, SCS 460
BN53744		1	HOSE, HOSE 1" EPDM x 65.0"
BN66114		1	LEVER, CONTROL, HANDLE shifter, DJ/raven
BN69626		1	HARNESS, flowmeter adaptor
BN69629		1	PLATE, MOUNTING, MOUNT raven controller
BN75990		2	CLAMP, SS, #16, .81 to 1.5A
BN76084		2	CLAMP, ADJ, #24, SS
BN95030A		1	SENSOR, radar, GRD SPD
BN98411		1	BRACKET, KIT, MTG, radar gun

Complete Part # BN304759 (Ref Only)



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сылка	Номер детали	Кол-во	Описание
1	BN16287	31	RELAY,
2	BN16302	5	FUSE, ATC, 5 amp
3	BN16303	1	FUSE, ATC, 7.5 amp
4	BN16304	2	FUSE, ATC, 10 amp
5	BN16305	6	FUSE, ATC, 15 amp
6	BN16306	1	FUSE, ATC, 25 amp
7	BN16307	5	FUSE, ATC, 30 amp
8	BN16308	1	CIRCUIT BREAKER, 20 amp, T-1
9	BN16309	1	CIRCUIT BREAKER, 30 amp, T-1
10	BN16311	3	FUSE, ATC, 20 amp
11	BN29444	3	BAR, BUS
12	BN68488	1	MOUNTING PARTS, fuse relay
13	BN68781	1	MOUNTING PARTS, PANEL auto center

**ART**

**NOT**

**AVAILABLE**

сылка	Номер детали	Кол-во	Описание
BN315178		1	GROUP frame lights
BN315181		1	HARNESS, WIRE, HARNESS frame lights
BN315179		1	GROUP frame liquid
BN316557		1	HARNESS, WIRE, HARNESS liquid system
BN317222		1	GROUP light, electrical
614-6025		8	BOLT, Hex, M6 x 25, 8.8, hex head, M6, 1 x 25, 8.8
832-46406		8	NUT, LOCK, M6 x 1, CI 8,
BN300054		1	HEADLIGHT, HEADLAMP ASSEMBLY, RH
BN300052		1	HOUSING, HEADLAMP, LH
BN300056		2	LAMP, halogen, inner, 50 watt
BN300057		1	LAMP, halogen, inner, 37 watt
BN300055		1	HEADLIGHT, ASSEMBLY, LH
BN300053		1	HOUSING, HEADLAMP, LH
BN300056		2	LAMP, halogen, inner, 50 watt
BN300057		1	LAMP, halogen, inner, 37 watt
BN300496		8	WASHER, M6, FW, 10.9
BN307190		1	LIGHT, dual, w/brake, LH
BN307191		1	LIGHT, dual, w/brake, RH
BN316634		1	HARNESS, WIRE, HARNESS lights, C section
BN325601		1	GROUP frame boom function
BN65435		1	HARNESS, WIRE, WIRE HARNESS frame valves
BN325603		1	GROUP frame eng & sensors
BN325602		1	HARNESS eng & sensors
BN69021		1	PKG. cab wire harness
342488A1		1	HARNESS, HARNESS main cab
BN317091		1	HARNESS, WIRE, HARNESS master spray
BN320017		1	CABLE, CABLE pos, c.b./cab
BN68776		1	HARNESS, WIRE, WIRE ASSEMBLY work lights
BN68777		1	HARNESS, WIRE, WIRE HARNESS cab aux supp



