



THOMAS **PARTS MANUAL**



245 HDS

S / N LM000900 ~ LM001299

also LM000650 ~ LM000668

Publication Number 44104-1

AUGUST 1999

THOMAS EQUIPMENT LIABILITY WARRANTY

THE WARRANTY IS THE ONLY OBLIGATION OF THOMAS OR A THOMAS DEALER TO THE PURCHASER OR ANYONE ELSE CONCERNING A PRODUCT, ITS SERVICE, ITS USE OR PERFORMANCE OR ITS LOSS OF USE OR FAILURE TO PERFORM. NEITHER THOMAS NOR A THOMAS DEALER HAVE MADE AND NEITHER WILL MAKE ANY OTHER EXPRESSED OR **IMPLIED** REPRESENTATION, WARRANTY OR **AGREEMENT** CONCERNING A PRODUCT. NEITHER THOMAS NOR A THOMAS DEALER HAVE MADE OR WILL MAKE ANY REPRESENTATION, WARRANTY OR AGREEMENT CONCERNING A PRODUCTS MERCHANTABILITY OR OTHER QUALITY, ITS SUITABILITY FOR PURCHASER'S PURPOSE (EVEN IF A PURCHASER HAS INFORMED THOMAS OR A THOMAS DEALER OF THAT PURPOSE), ITS DURABILITY, PERFORMANCE OR OTHER CONDITION.

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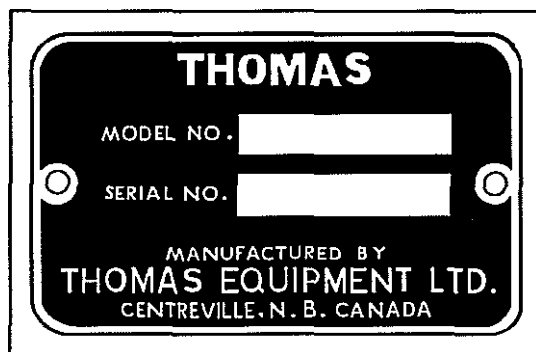
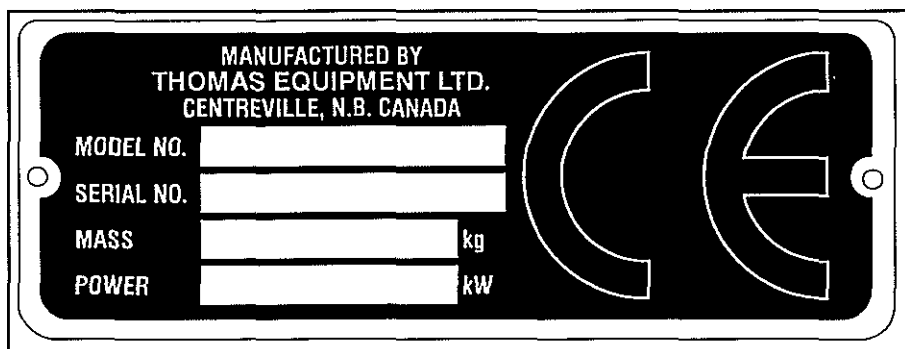
PURCHASER MAY NOT ATTEMPT TO ENLARGE ITS RIGHTS UNDER THE WARRANTY BY MAKING A CLAIM FOR INDEMNITY, FOR BREACH OF CONTRACT, FOR BREACH OF COLLATERAL WARRANTY, FOR A TORT (INCLUDING NEGLIGENCE, MISREPRESENTATION OR STRICT LIABILITY) OR BY **CLAIMING** ANY OTHER CAUSE OF ACTION.

THE WARRANTY IS A CONDITION OF SALE OF THE PRODUCT TO PURCHASER AND WILL THEREFORE APPLY EVEN IF PURCHASER ALLEGES THAT THERE IS A TOTAL FAILURE OF THE PRODUCT.

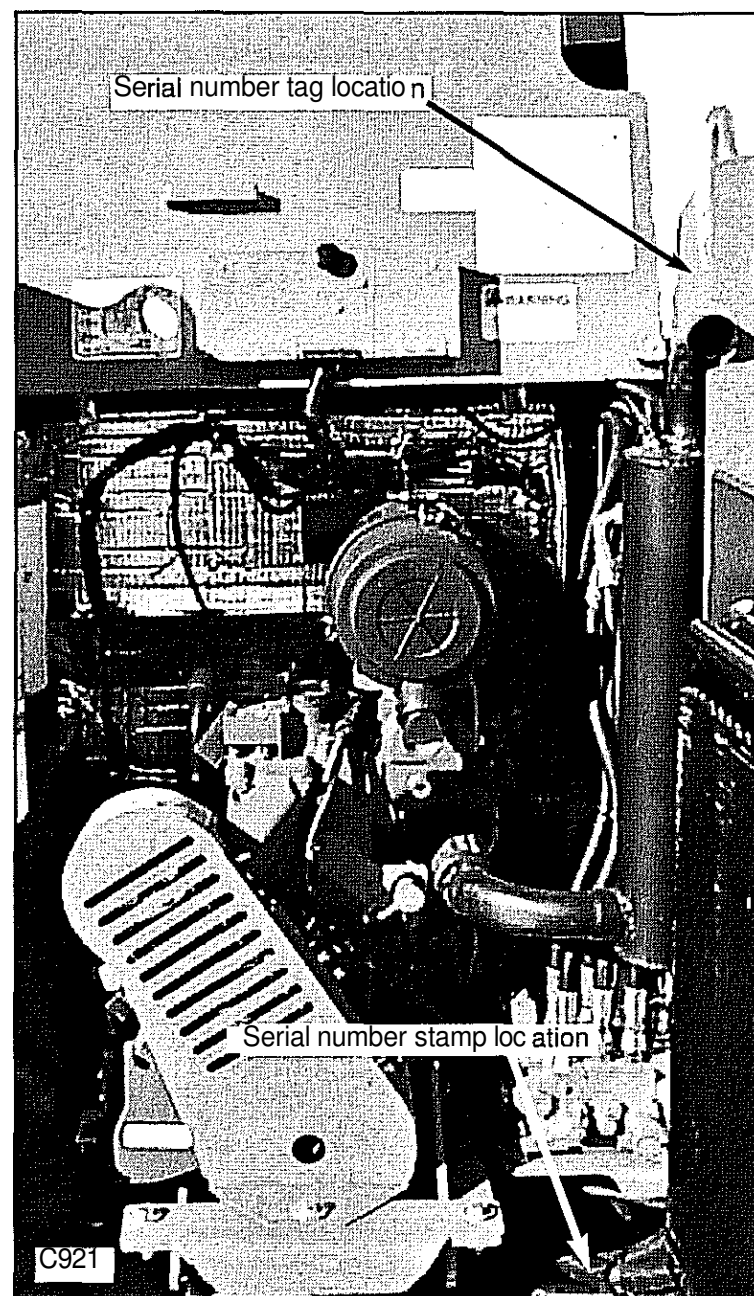
N.B. Read and practice your Thomas operating and servicing instructions. Failure to do this may void your warranty.

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It is important when ordering replacement parts or making a service inquiry to provide both the model number and serial number of your Thomas loader. The serial number plate is located at the rear of the machine on the right hand side. In the event that the serial number plate is missing, the model number and serial number are both stamped into the main frame inside the rear door, right hand side, next to the fuel line shut off petcock. (fig. C921)



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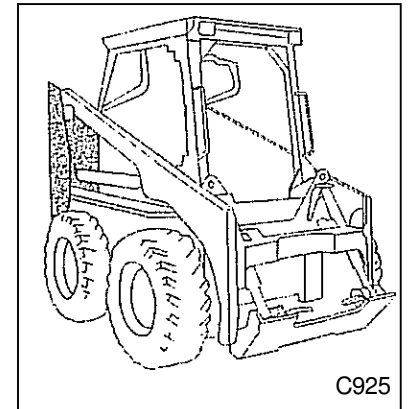
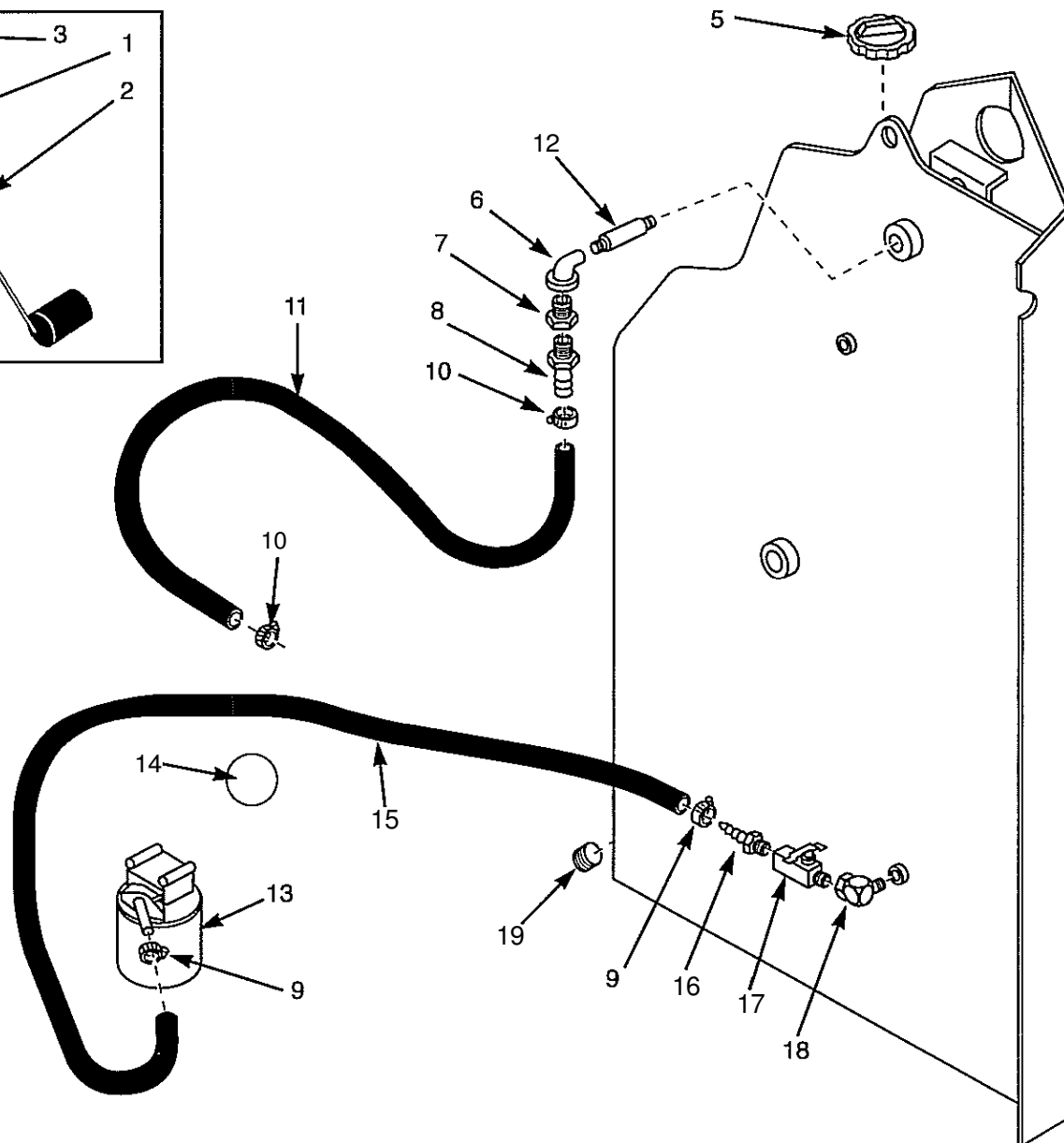
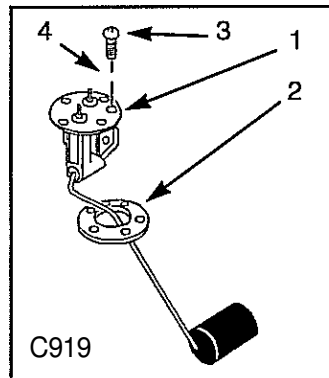
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FUEL SYSTEM

1.1

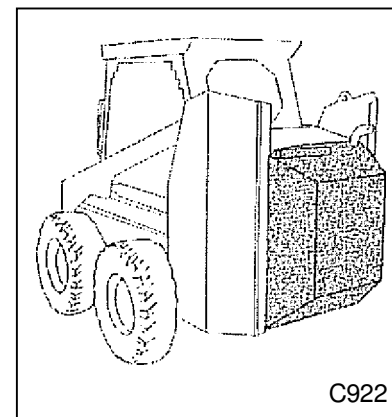
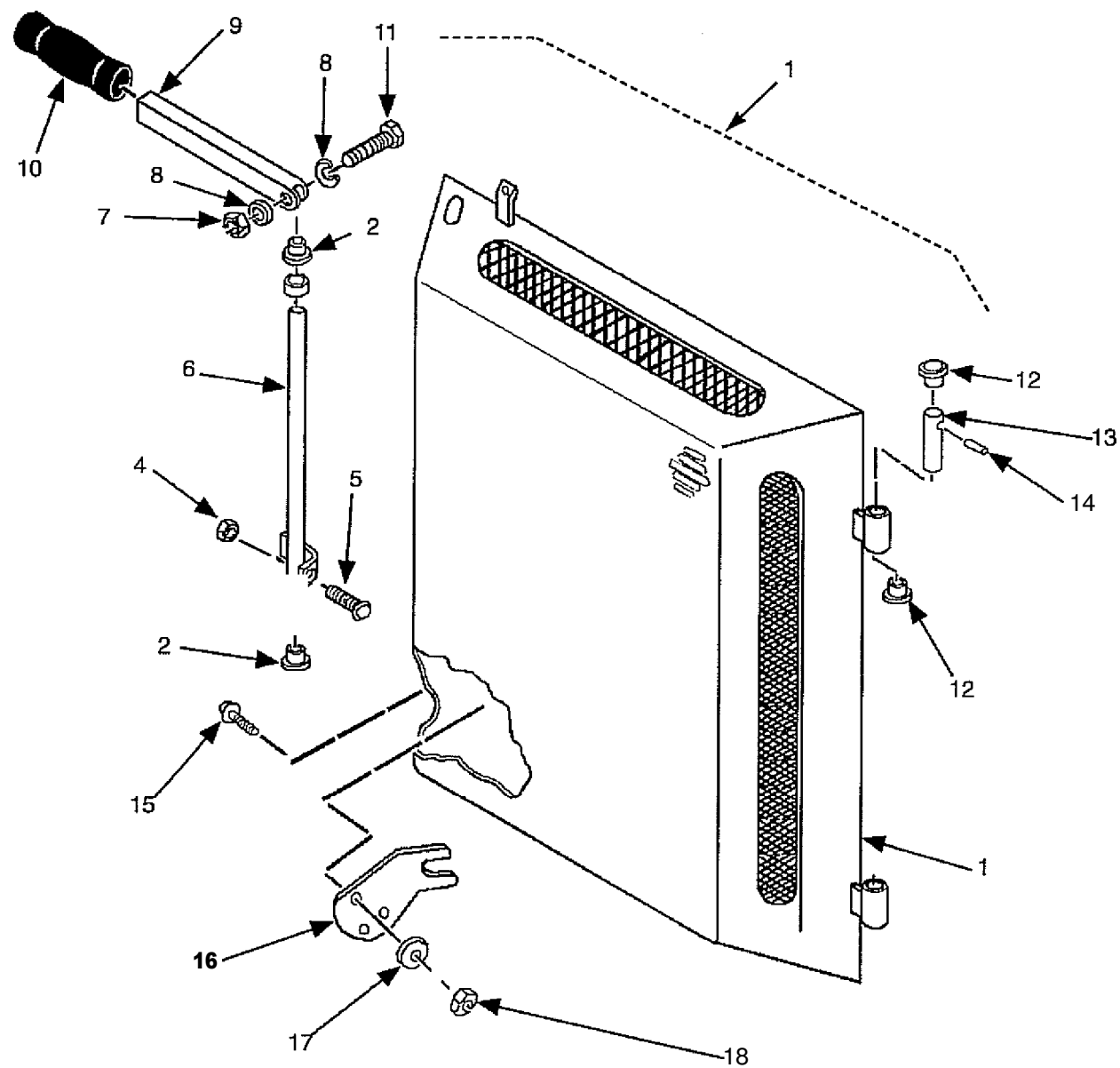


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ITEM	PART	QTY	DESCRIPTION
1.	41627	1	Sender, fuel level
2.		1	Gasket, fuel sender
3.	23194	5	Screw
4.	24214	5	Fibre gasket (if used)
5.	40921	1	Fuel cap
5	40922	1	Locking fuel cap (option)
6.	42573	1	Elbow
7.	42572	1	Reducer bushing
8.	1B313	1	Barbed nipple
9.	19949	6	Hose clamp (410)
10.	26737	2	Hose clamp
11.	407	A / R	Return line, 1/4" (per foot)
12.	42571	1	Nipple
13.	42649	1	Fuel filter element (Deutz engine model)
14.	43276	1	Fuel pump, Deutz engine model
15.	261	A / R	Fuel line, 5/16" (per foot)
16.	21861	1	Barbed nipple
17.	14797	1	Shut off petcock
18.	42574	1	Elbow, 90°
19.	1458	1	Drain plug

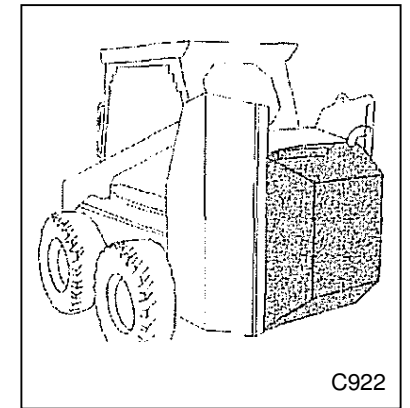
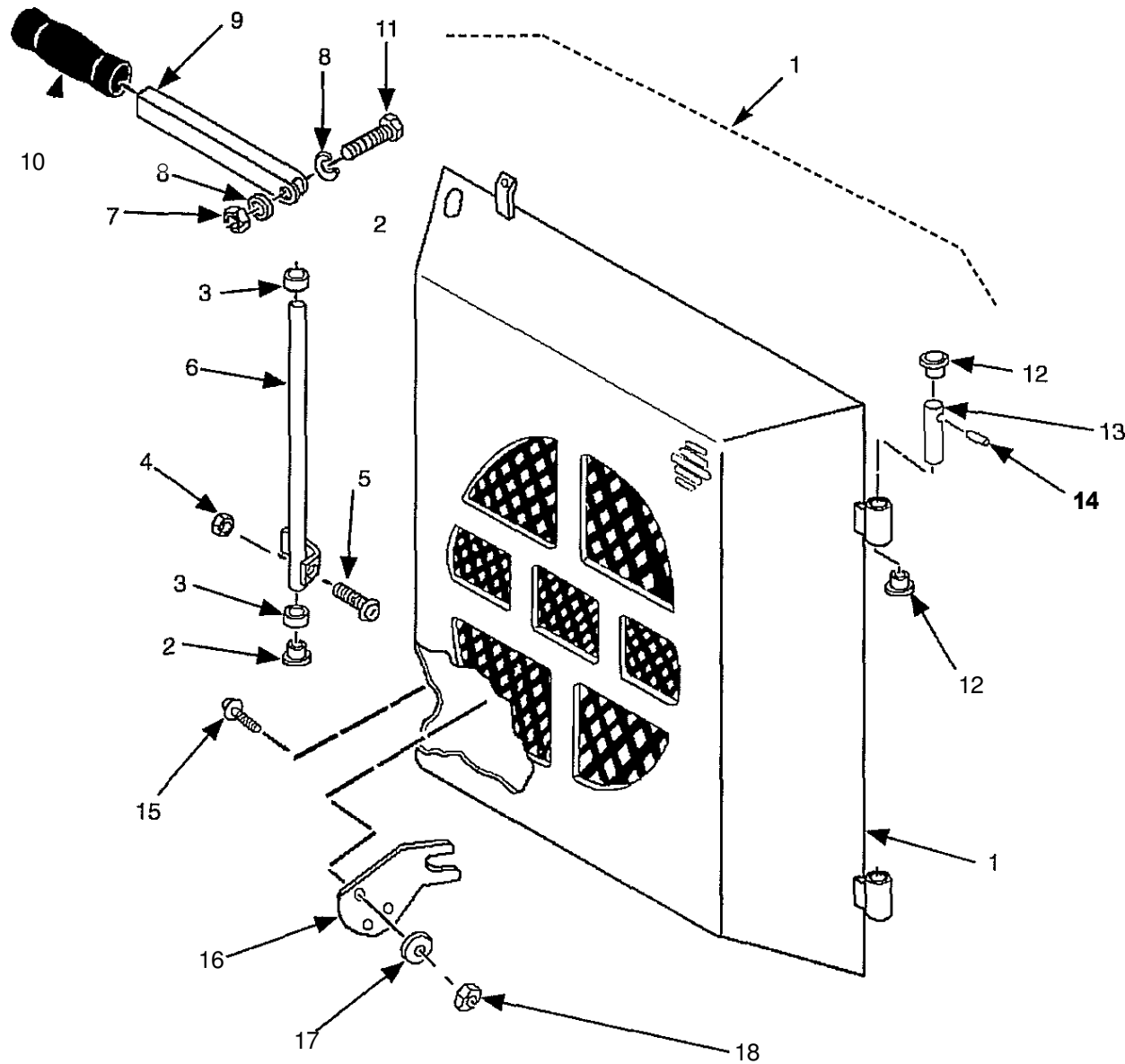
REAR DOOR (CE and Australia)

1.2a

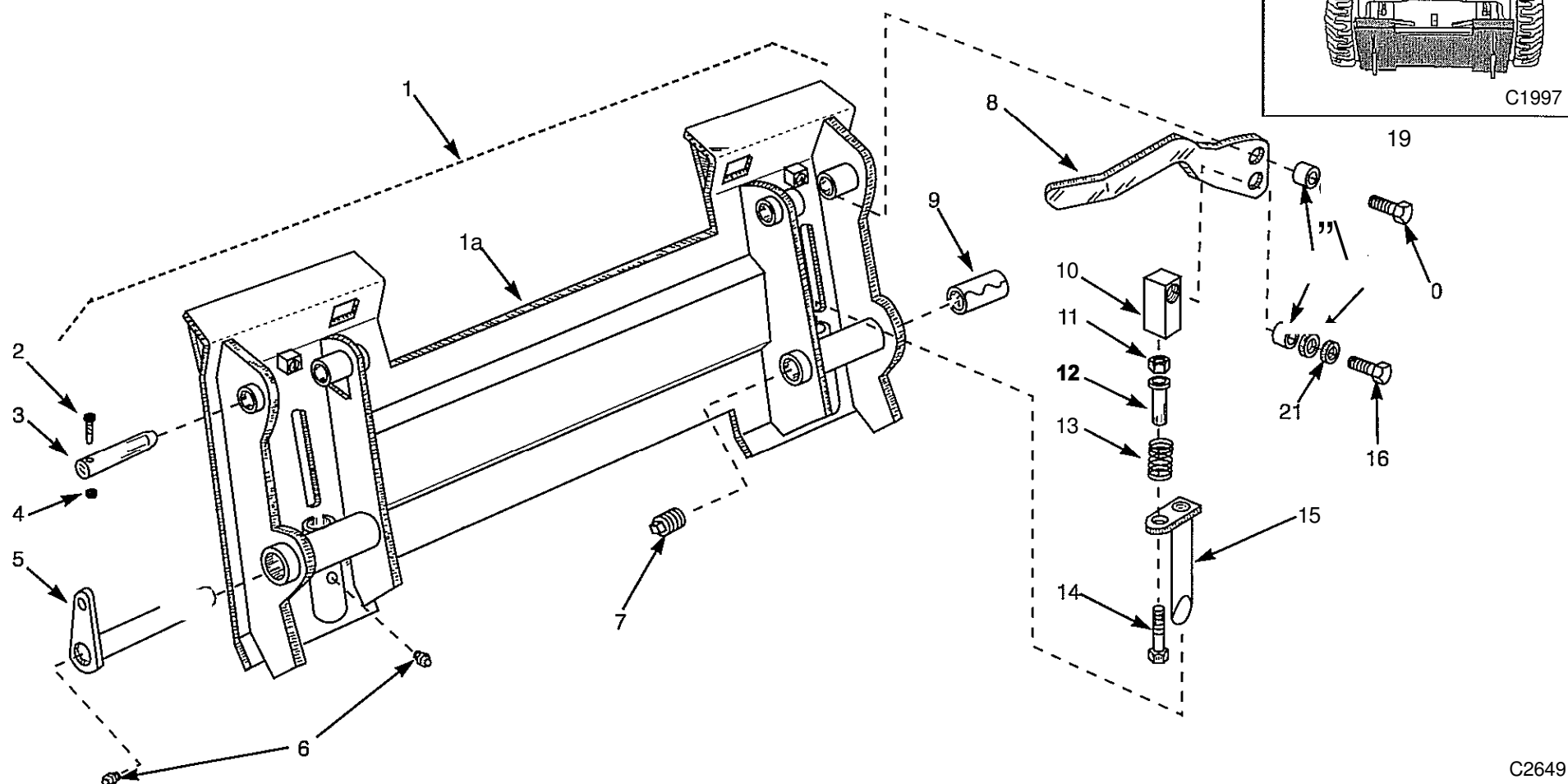


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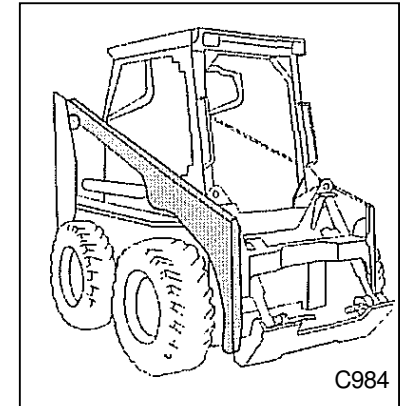
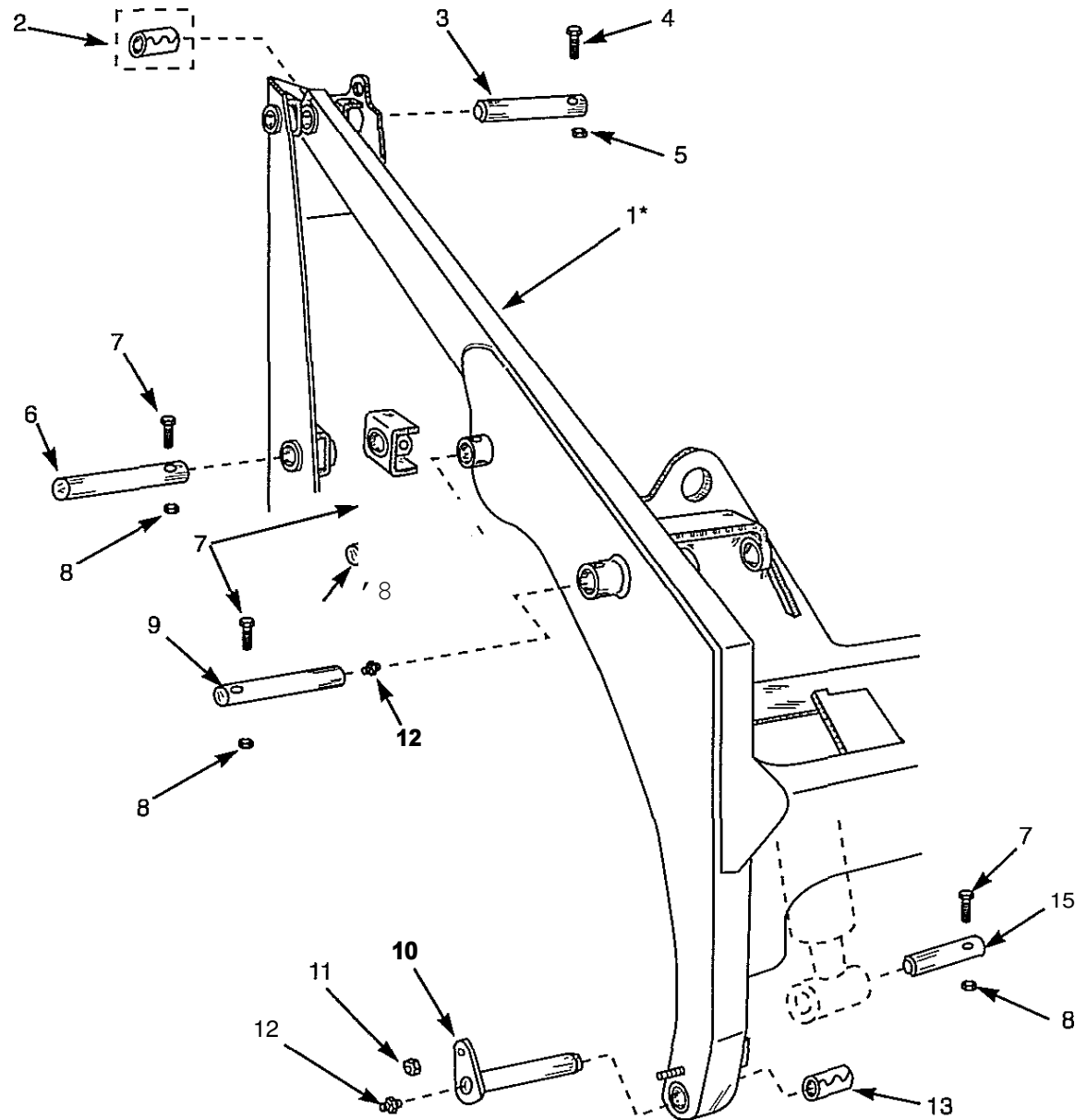
ITEM	PART	QTY	DESCRIPTION
1.	961939	1	Rear door assembly
2.	16989	2	Bearing
3.	4842	2	Set collar
4.	20860	1	Nut
5.	2823	1	Bolt
6.	961614	1	Lock shaft assembly
7.	16771	1	Lock nut
8.	1651	2	Flat washer
9.	35426	1	Handle
10.	3189	1	Handle grip
11.	1678	1	Bolt
12.	31488	4	Bearing
13.	42011	2	Pivot pin
14.	31489	2	Split pin
15.	2835	3	Bolt
16.	41956	1	Guide plate
17.	15733	3	Flat washer
18.	7465	3	Lock nut



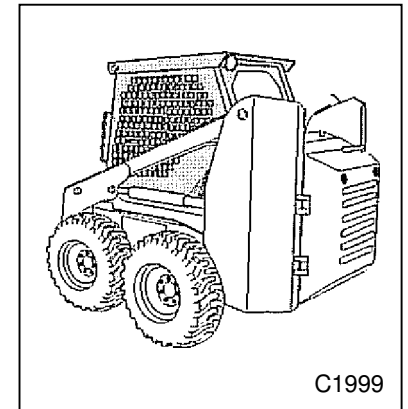
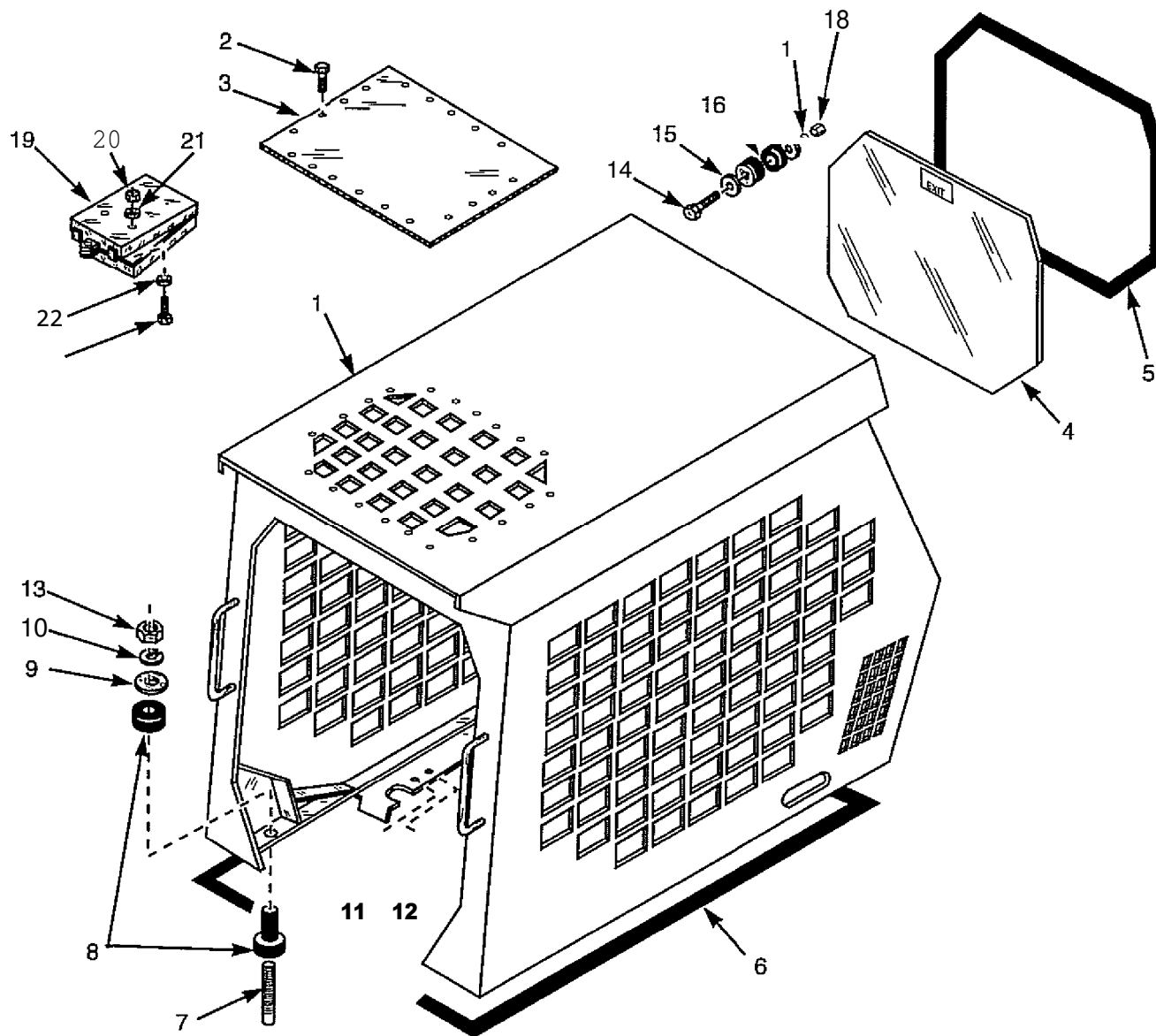
ITEM	PART	QTY	DESCRIPTION
1.	961616	1	Rear door assembly
2.	16989	2	Bearing
3.	4842	2	Set collar
4.	20860	1	Nut
5.	2823	1	Bolt
6.	961614	1	Lock shaft assembly
7.	16771	1	Lock nut
8.	1651	2	Flat washer
9.	35426	1	Handle
10.	3189	1	Handle grip
11.	1678	1	Bolt
12.	31488	4	Bearing
13.	42011	2	Pivot pin
14.	31489	2	Split pin
15.	2835	3	Bolt
16.	41956	1	Guide plate
17.	15733	3	Flat washer
18.	7465	3	Locknut



ITEM	PART	QTY	DESCRIPTION
1.	U-2058	1	Quick-tach assembly with pins (S / N LM000650 and LM000651)
1.	U-2326	1	Quick-tach ass'y with hardened pins
1a.	961696	1	Quick akach less pivot pins
2.	7458	2	Bolt
3.	41324	2	Pivot pin (S / N LM000650 and LM000651)
3.	43636	2	Pivot pin (hardened)
4.	16771	2	Lock nut
5.	961452	2	Pivot pin (S / N LM000650 and LM000651)
5.	43634	2	Pivot pin (hardened)
"	8613	2	Lock nut for pivot pin
6	2010	4	Grease fitting
7.	1458	2	Plug
8.	41290	1	Lock handle, right hand
*	41291	1	Lock handle, left hand
9.	41318	2	Hardened bushing
10.	40614	2	Linkage block
11.	20860	2	Nut
12.	42350	2	Bushing
13.	41391	2	Spring
14.	2011	2	Bolt
15.	961834	1	Lock pin, right hand
*	961833	1	Lock pin, left hand
16.	3321	2	Bolt
17.	22653	4	Bushing
18.	23385	4	Flat washer
19.	41392	2	Belleville spring washer
20.	1680	2	Bolt
21.	20861	2	Lock washer

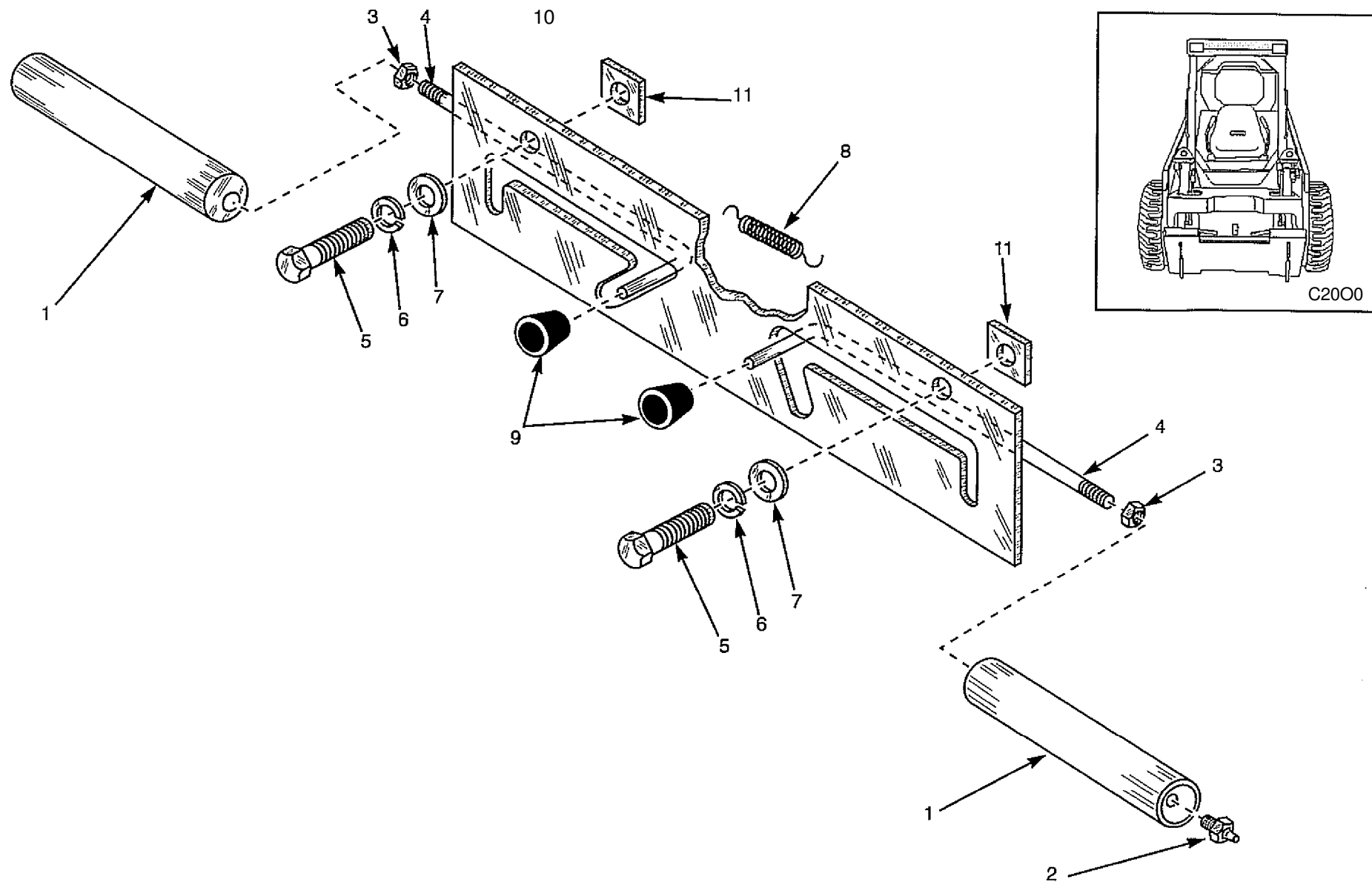


ITEM	PART	QTY	DESCRIPTION
1.”	961488	1	Boom arm assembly (LM000650 & LM000651)
1.“	962313	1	Boom arm assembly (LMO00900 onward, also LM000652 - LM000668)
2.	43631	2	Hardened bushing (LM000900 onward, also LM000652 - LM000668)
3.	40011	2	Pivot pin (LM000650 & LM000651)
3.	43635	2	Pivot pin, hardened (LM000900 onward, also LM000652 - LM000668)
4.	1671	2	Bolt
5.	7465	2	Lock nut
6.	40012	2	Pivot pin (LM000900 to LMO01171, also LM000650 to LM000668)
6.	43637	2	Pivot pin, hardened (LM001172 onward, also LM001170)
7.	7458	8	Bolt
8.	16771	8	Lock nut
9.	41632	2	Pivot pin (LM000650 & LM000651)
9.	43497	2	Pivot pin (LM000900 onward, also LM000652 to LM000668)
10.	961452	2	Pivot pin (LM000650 & LM000651)
10.	43634	2	Pivot pin, hardened (LM000900 onward, also LM000652 to LM000668)
11.	8613	2	Lock nut
12.	2010	4	Grease fitting
13.	41410	2	Hardened bushing (LM000650 & LM000651)
13.	43633	2	Hardened bushing (LMO00900 onward, also LM000652 to LM000668)
14.	29245	2	Pivot pin (LM000650 & LM000651)
14.	43401	2	Pivot pin (LM000900 onward, also LM000652 to LM000668)
15.	41324	2	Pivot pin (LM000650 & LM000651)
15.	43636	2	Pivot pin, hardened (LM000900 onward, also LM000652 to LM000668)



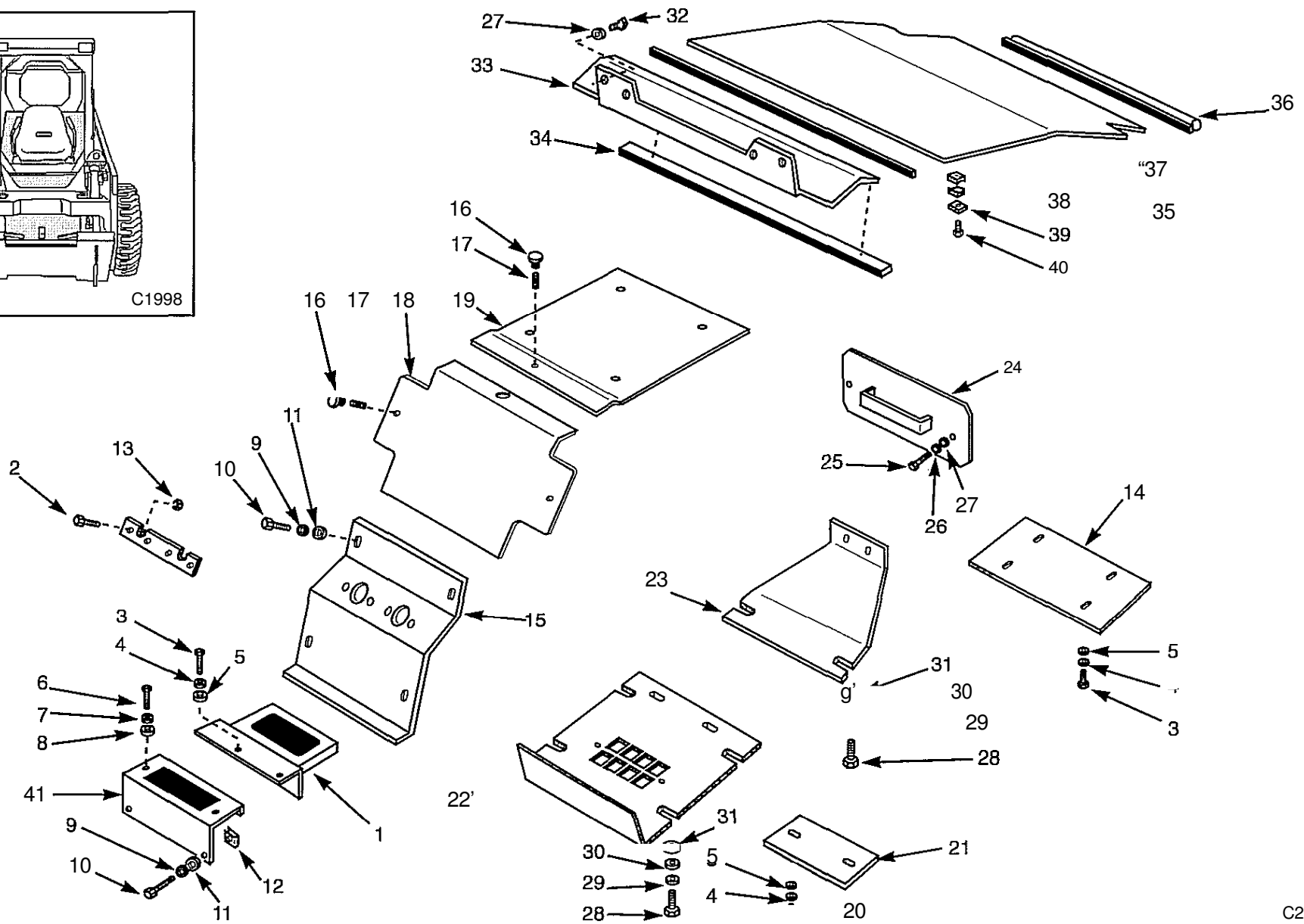
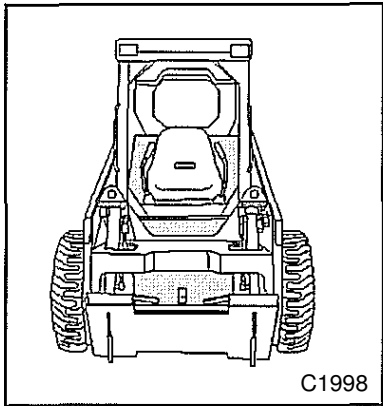
ITEM	PART	QTY	DESCRIPTION
1.	961508	1	R.O.P.S frame (to LM001093)
1.	962754	1	R.O.P.S. frame (LM001094 onward) Models previous to LM001094 will require 44471 (LH), 44472(RH) boot mounting plates and qty. 2 of 30501 control lever boots.
2.	31744	12	Screw
3.	37808	1	Top window
4.	39025	1	Rear window with decal
5.	15750	8 ft	Weather strip
6.	15931	A / R	Weather strip, foam
7.	17633	4	Stud
8.	38561	4	Isolator
9.	23452	4	Washer
10.	1647	4	Lock washer
11.	39537	1	Plug
12.	39126	1	Plug
13.	25091	4	Nut (as required)
13.	16608	4	Lock nut (as required)
14.	2898	1	Bolt
15.	20235	2	Washer
16.	38560	1	Isolator
17.	20861	1	Lock washer
18.	20860	1	Nut
19.	40737	1	Manual holder
20.	6645	3	Lock nut
21.	18455	3	Washer
22.	1650	3	Washer
23.	2663	3	Bolt

BOOM SUPPORTS

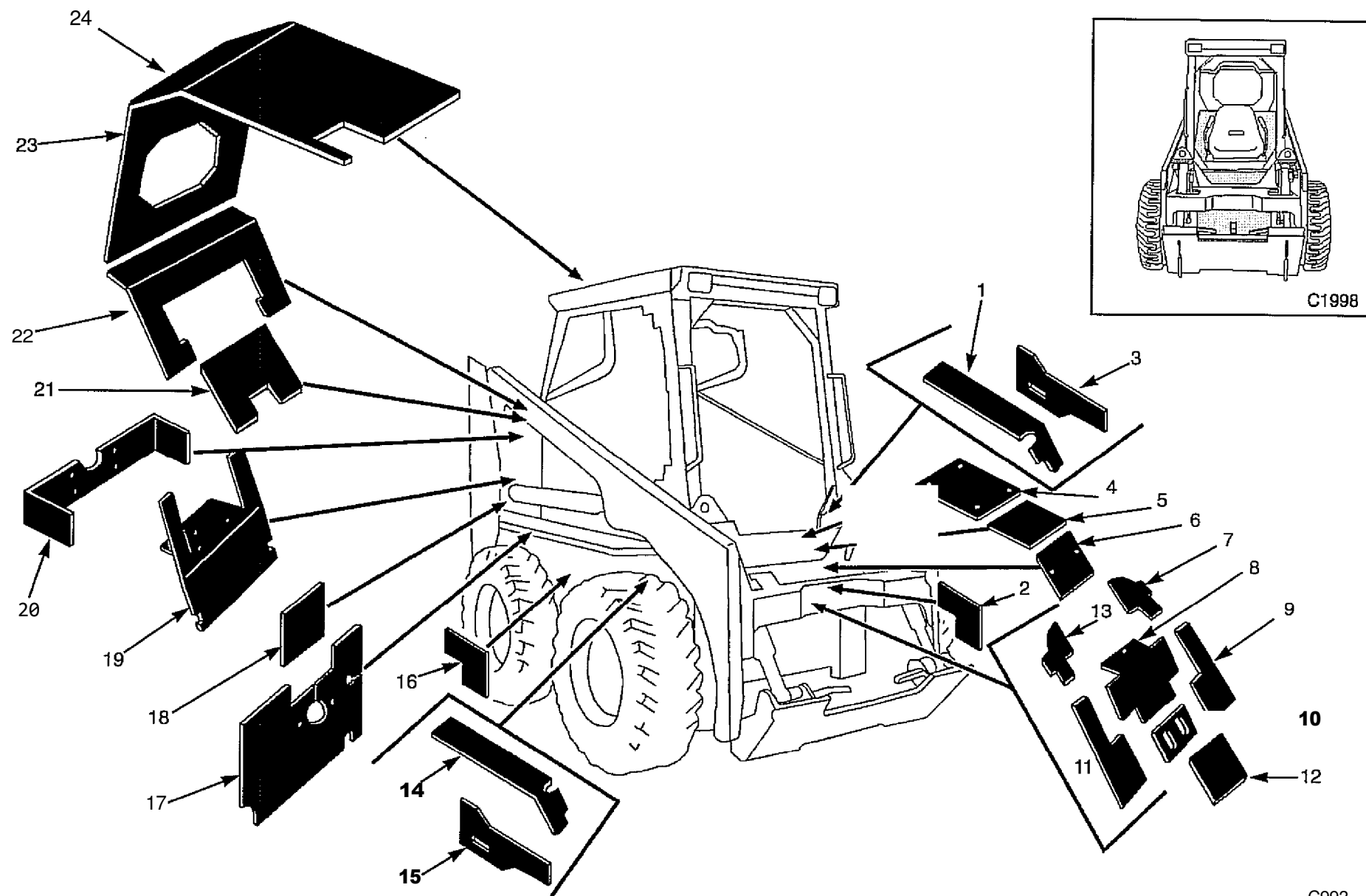


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ITEM	PART	QTY	DESCRIPTION
1.	42284	2	Pin
2.	2010	2	Grease fitting
3.	1350	2	Nut
4.	40337	2	Handle
5.	2593	2	Bolt
6.	1870	2	Lock washer
7.	1651	2	Flat washer
8.	42491	1	Spring
9.	39546	2	Handle knobs
10.	38797	1	Panel
11.	6086	2	Captive nut

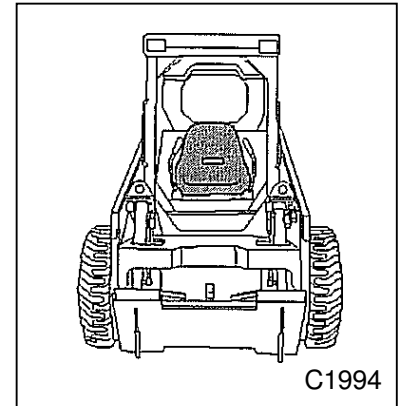
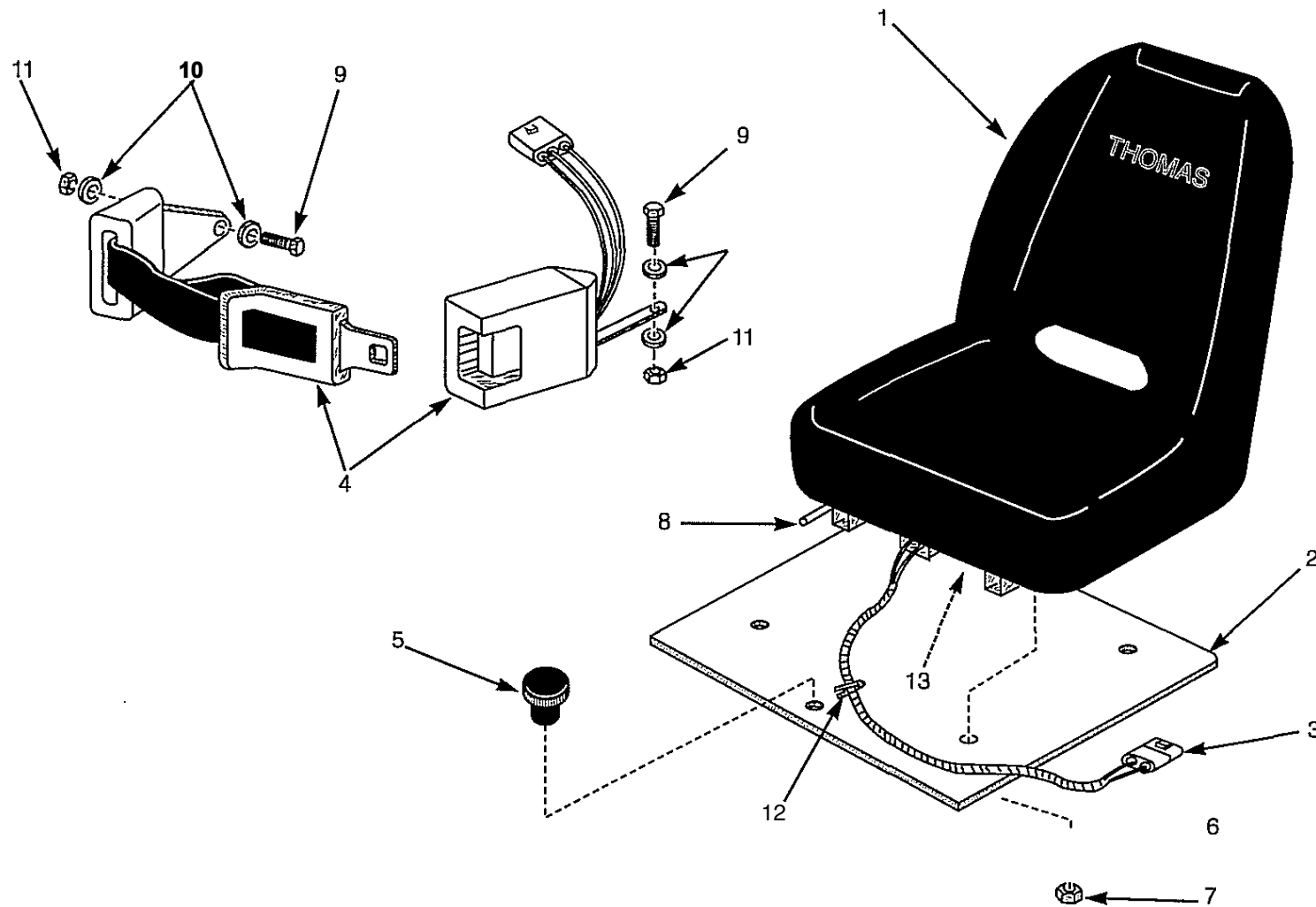


ITEM	PART	QTY	DESCRIPTION	ITEM	PART	QTY	DESCRIPTION
1.	961707	1	Step shield, hand operated controls (to S / N LM001093)	30.	23385	6	Flat washer
1.	44408	1	Step shield, hand operated controls (S / N LM001094 onward)	31.	1361	6	Flat washer
1.	961708	1	Step shield, foot operated controls	32.	31744	4	Screw
2.	2663	4	Bolt	33.	42227	1	Rear shield
3.	1387	4	Bolt	34.	15931	per/ ft	Foam weather strip
4.	1642	4	Lock washer	35.	961932	1	Engine cover
5.	1643	4	Flat washer	36.	821	per/ ft	Bulb type seal
6.	17429	2	Bolt	37.	261	per/ ft	Hose
7.	17439	2	Lock washer	38.	39557	4	Clamp
8.	17442	2	Flat washer	39.	39556	2	Clamp cover
9.	1870	6	Lock washer	40.	17422	2	Bolt
10.	1190	6	Bolt	41.	25762	1	Step shield
11.	1651	6	Flat washer				
12.	6086	2	Captive nut				
13.	6645	4	Lock nut				
14.	42513	1	Hose protector				
15.	42987	1	Bottom front bulk head shield				
16.	41791	3	Knob				
17.	41704	3	Stud for knob				
18.	961544	1	Front bulkhead assembly				
19.	41619	1	Seat plate				
20.	1673	2	Bolt				
21.	32070	1	Clean out cover				
22.	40183	1	Front belly pan				
23.	31581	1	Rear belly pan				
24.	961528	1	U- joint access panel				
25.	5170	2	Bolt				
26.	2279	2	Lock washer				
27.	1650	6	Flat washer				
28.	20856	6	Bolt				
29.	20861	6	Lock washer				



ITEM	PART	QTY	DESCRIPTION
1.	41708	1	ROPS shield, LH
2.	43860	1	Transmission, LH rear
3.	43853	1	ROPS side, LH
4.	41710	1	Seat mount
5.	38840	1	Step shield, top
6.	38839	1	Step shield, front
7.	43866	1	Transmission, LH front
8.	41712	1	Bulkhead, front hydrostatic
9.	41713	1	Front shield, LH
10.	41711	1	Front bulkhead, bottom
11.	41714	1	Front shield, RH
12.	43865	1	Front frame
13.	43867	1	Transmission, RH front
14.	41709	1	ROPS shield, RH
15.	43854	1	ROPS side, RH
16.	43861	1	Transmission, RH rear
17.	41752	1	Pump mount
18.	41753	1	Access panel
19.	42448	1	ROPS outer blanket
20.	42447	1	Battery box, outer
21.	43850	1	Battery box cover
22.	44713	1	Battery box, inner
23.	44714	1	ROPS rear window
24.	44712	1	ROPS top panel
*	43768	1	Engine cover
"	42758	1	Rear door, top
"	42759	1	Rear door, middle
*	42760	1	Rear door, bottom

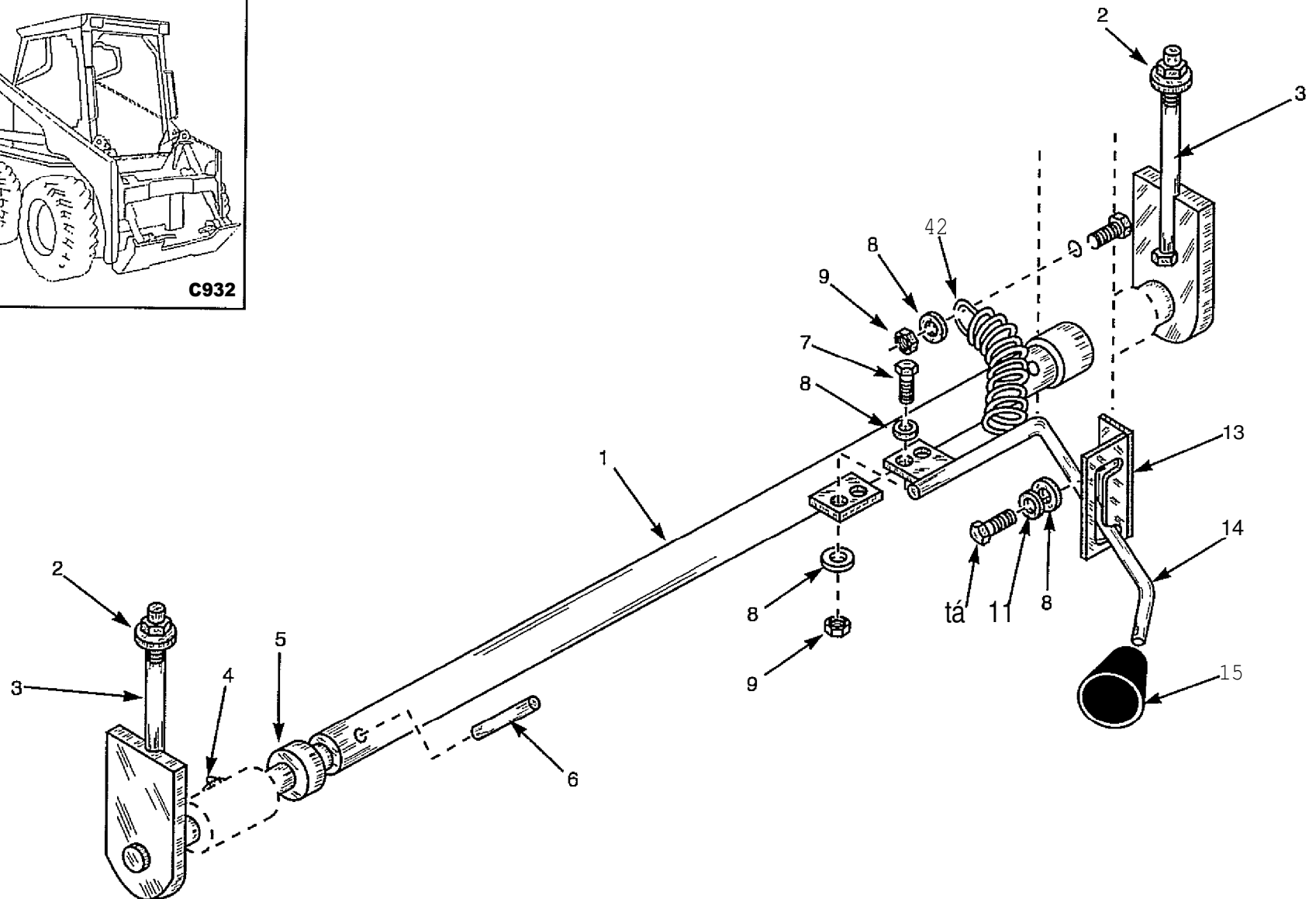
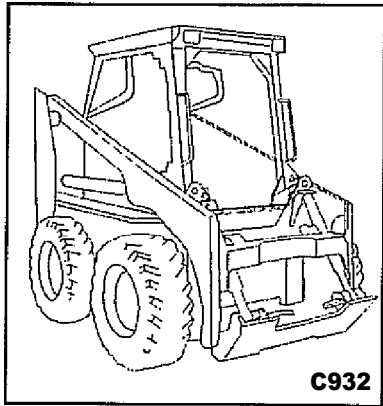
" Items are for machines equipped with CE package.



ITEM	PART	QTY	DESCRIPTION
1.	38600	1	Seat
2.	41619	1	Seat mount
3.	39904	1	Seat switch harness
4.	960680	1	Seat belt assembly (2" std.)
4.	960681	1	Seat belt assembly (3" option)
5.	42070	1	Knob with stud
6.	1870	4	Lock washer
7.	1191	4	nut
8.	42931	1 (pr)	Seat rail adjusters
9.	1193	2	Bolt
10.	1643	4	Flat washer
11.	7465	2	Lock nut
12.	40581	1	Clip
13.	38516	1	Seat switch

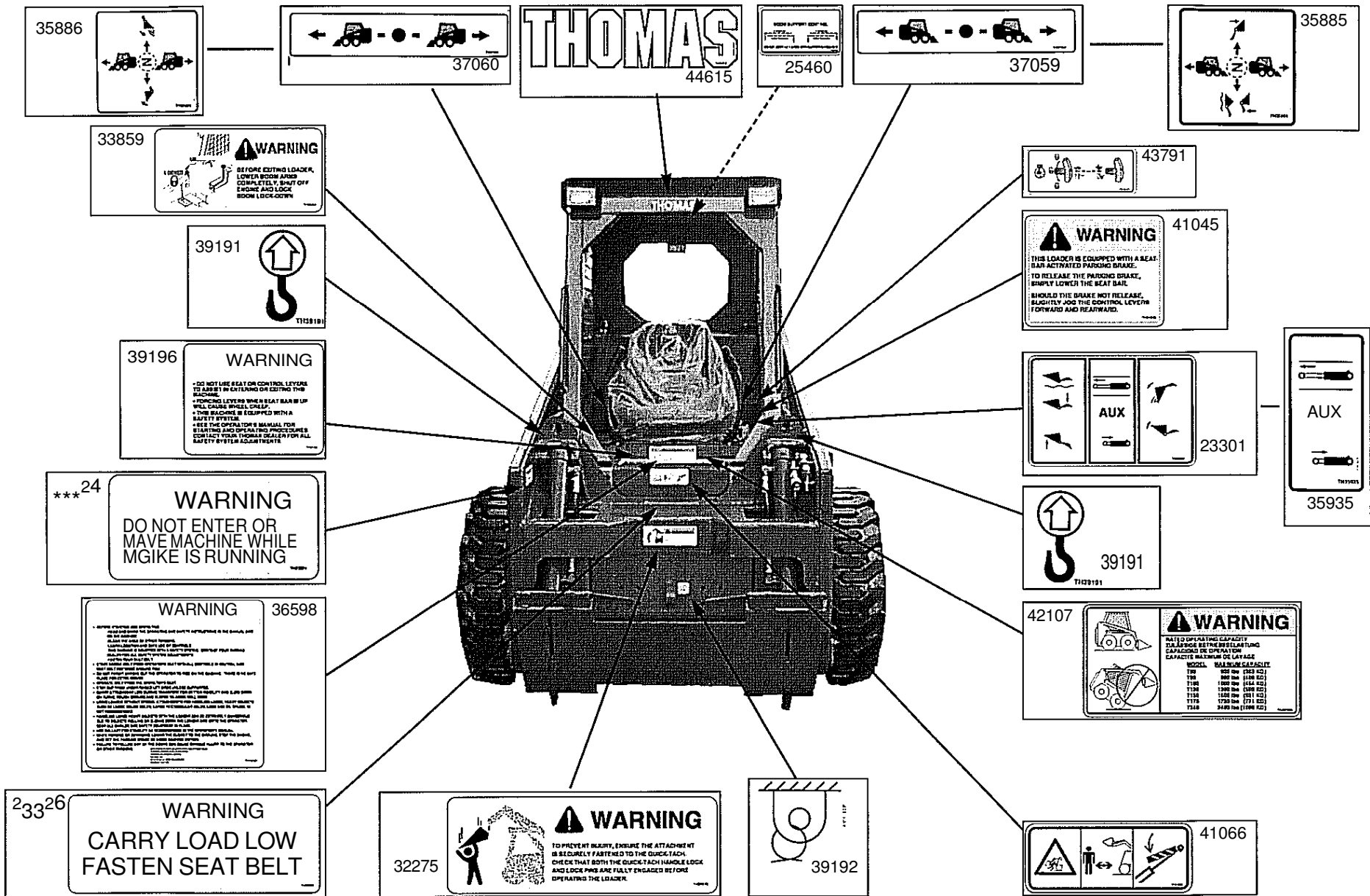
BOOM LOCKDOWN

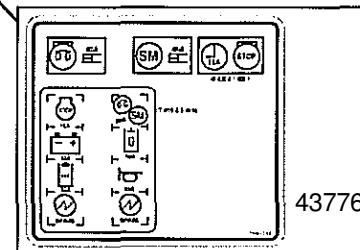
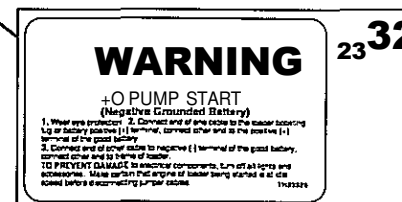
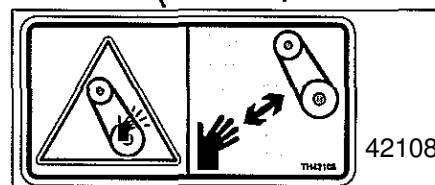
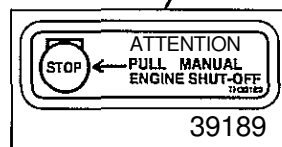
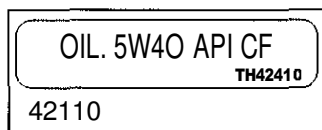
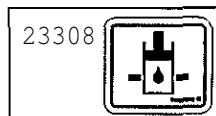
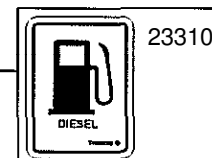
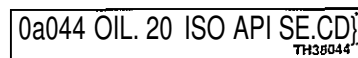
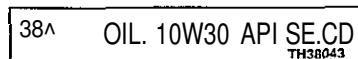
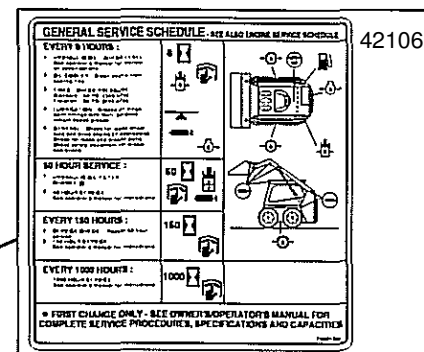
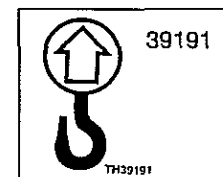
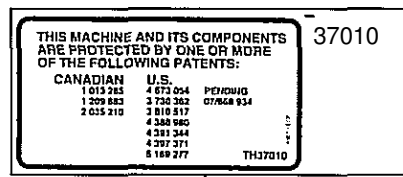
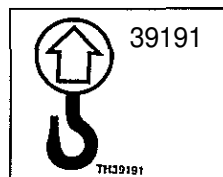
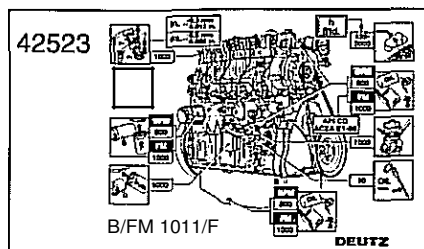
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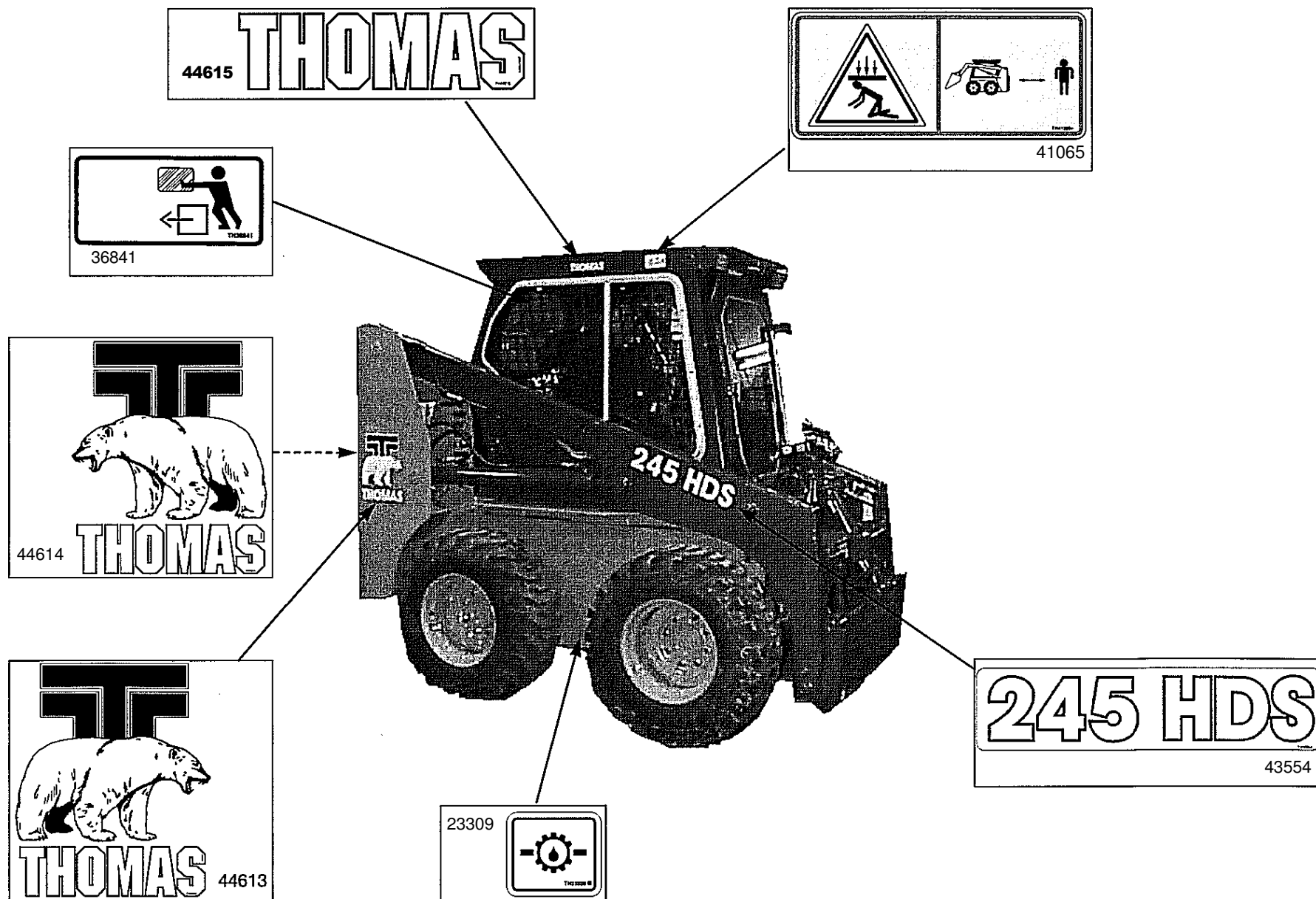


C2020

ITEM	PART	QTY	DESCRIPTION
1.	958724	1	Pin connecting assembly
2.	958722	2	Lockdown nut asserr bly
3.	961510	2	Lockdown assembly
4.	2010	4	Grease fitting
5.	1064	2	Set collar
6.	21004	2	Spring pin
7.	5170	2	Bolt
8.	1650	7	Flat washer
9.	6645	3	Lock nut
10.	2663	2	Bolt
11.	2279	2	Lock washer
12.	22470	1	Spring
13.	40323	1	Control rod guide
14.	960851	1	Control rod
15.	39199	1	Knob







PART	QTY	DESCRIPTION
43780	1	Common Decal Kit. Contains all decals required to retrofit a cosmetic over haul except decal part numbers 43791 (throttle control, 1 required), 43554 (245 HDS designation, 2 required), 42106 (service schedule, 1 required), 42108 (belt guard, 1 required) and 42110 (5W40 oil, 1 required)
41544	1	Decal kit, Dutch (supplements 43780)
41545	1	Decal kit, German (supplements 43780)
41546	1	Decal kit, French (supplements 43780)
41547	1	Decal kit, Italian (supplements 43780)
41548	1	Decal kit, Spanish (supplements 43780)
41576	1	Decal kit, Danish (supplements 43780)
34920	1	CE decal, EC92 sound, LPA85
34925	1	CE decal, EC92 sound, La 103
40970		Orange paint, aerosol
41123		Grey paint, aerosol
41778	1	Orange paint, pre - mixed, per litre
41738	1	Grey paint, pre - mixed, per litre

WHEELS and TIRES

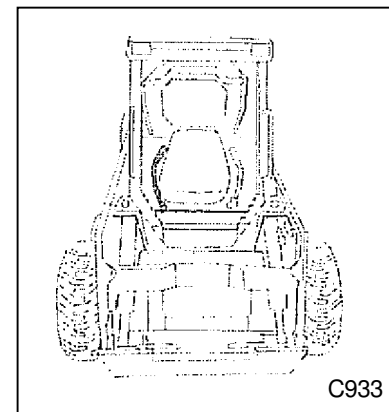
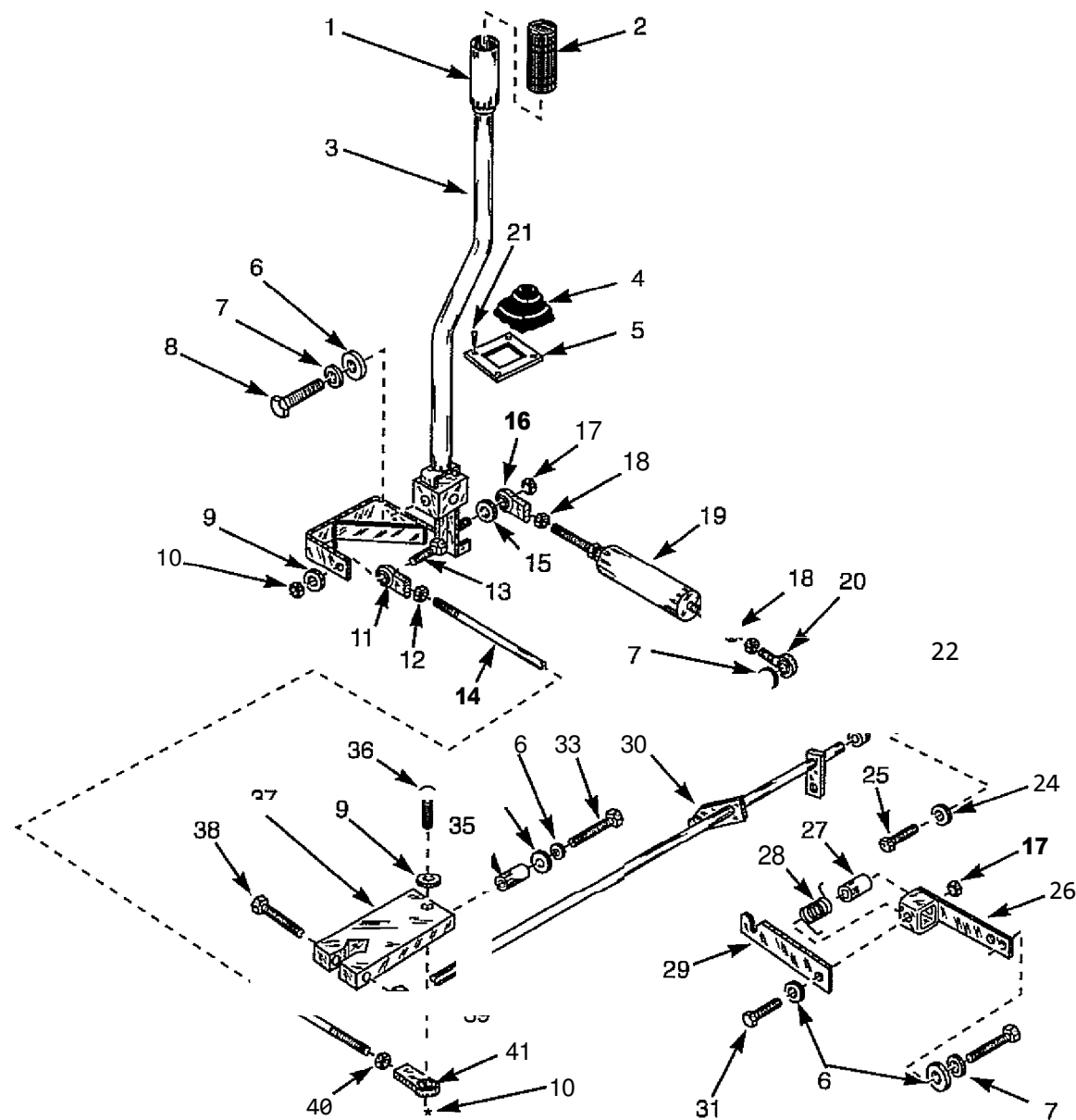
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PART	QTY	DESCRIPTION
7019	as req.	Valve stem
" 5832	as req.	Nut, Wheel
12.00 X 16.5 (Standard)		
" 42844	2	Tire and Wheel Assy (RH)
42845	2	Tire and Wheel Assy (LH)
* 29064	1	Wheel, 9.75 X 16.5, 8 Bolt
" 42829	1	Tire, 12.00 X 16.5, 8 Ply
12.00 X 16.5 latco (Alr Boss)		
* 36092	2	Wheel, Segmented (LH)
* 36619	2	Wheel, Segmented (RH)
* 36094	22	Segments (Per Wheel)
8.00 X 16.0 Solid Rubber		
" 961300	4	Tire and Wheel Assy (Solid)
* 961299	1	Wheel Assy
* 38284	1	1re, 8.00 X 16.0 Solid
15.5 X 15.0 Terra Tire		
* 956792	4	Tire and Wheel Assy
" 6804	1	Tire
" 29211	1	Wheel, 13.00 X 15.0, 8 Bolt

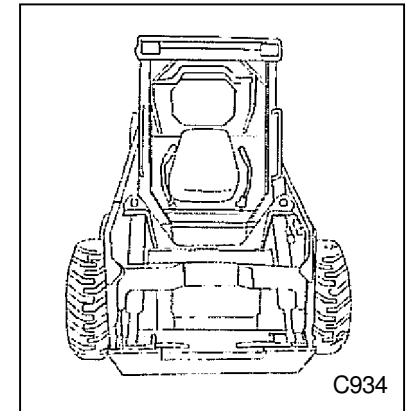
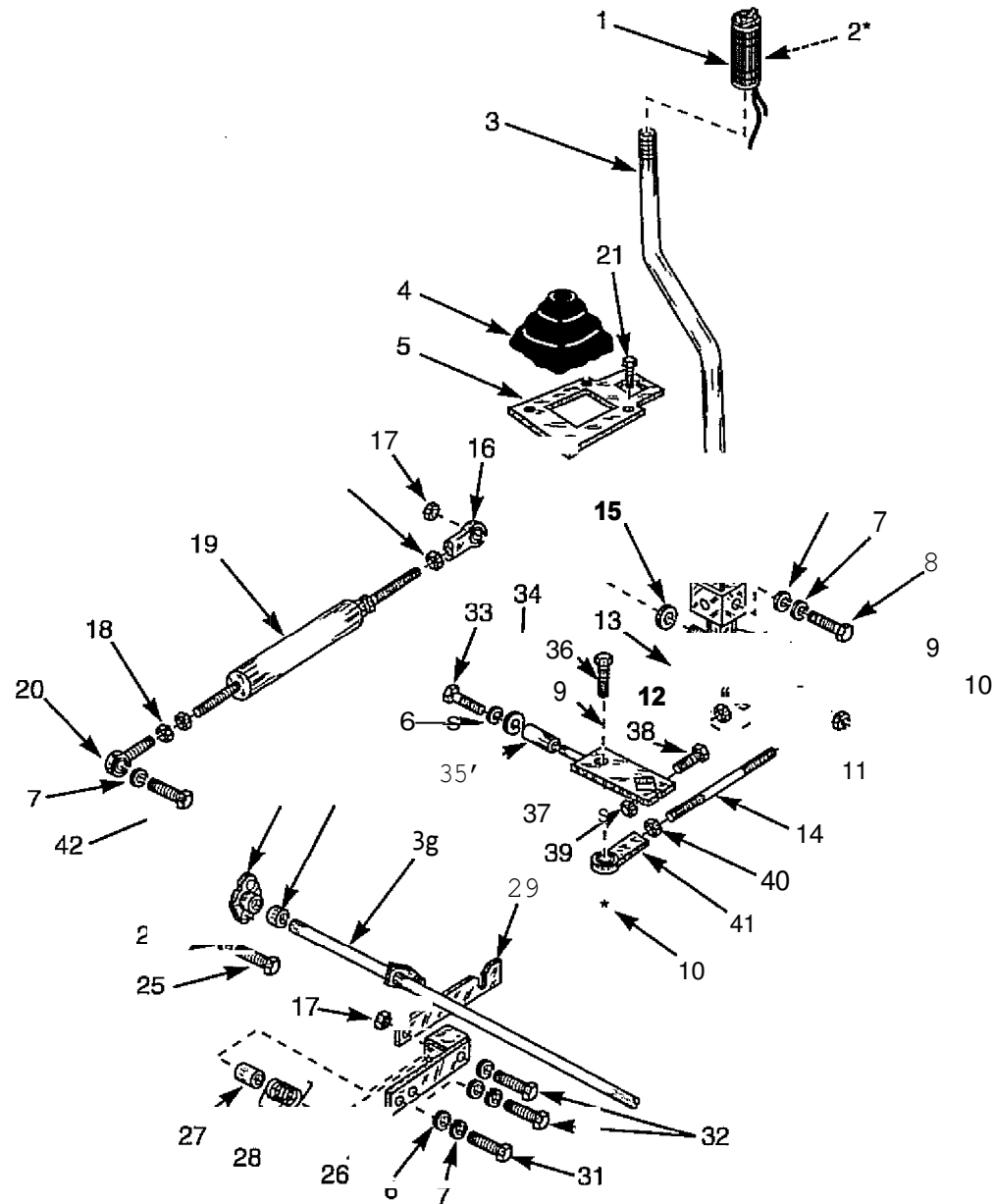
PART	QTY	DESCRIPTION
12.0 X 16.5 Beefy Baby		
" 962586	2	Tire and Wheel Assy (LH)
962587	2	Tire and Wheel Assy (RH)
" 29064	1	Wheel, 9.75 X 16.5, 8 Bolt
" 44026	1	Tire, 12.00 X 16.5 Beefy Baby
12.00 X 16.5 HD2000 (Rim Guard)		
" 44022	2	Tire and Wheel Assy (LH)
44023	2	Tire and Wheel Assy, (RH)
29064	1	Wheel, 9.75 X 16.5, 8 Bolt
* 44024	1	Tire, 12.00 X 16.5, HD2000

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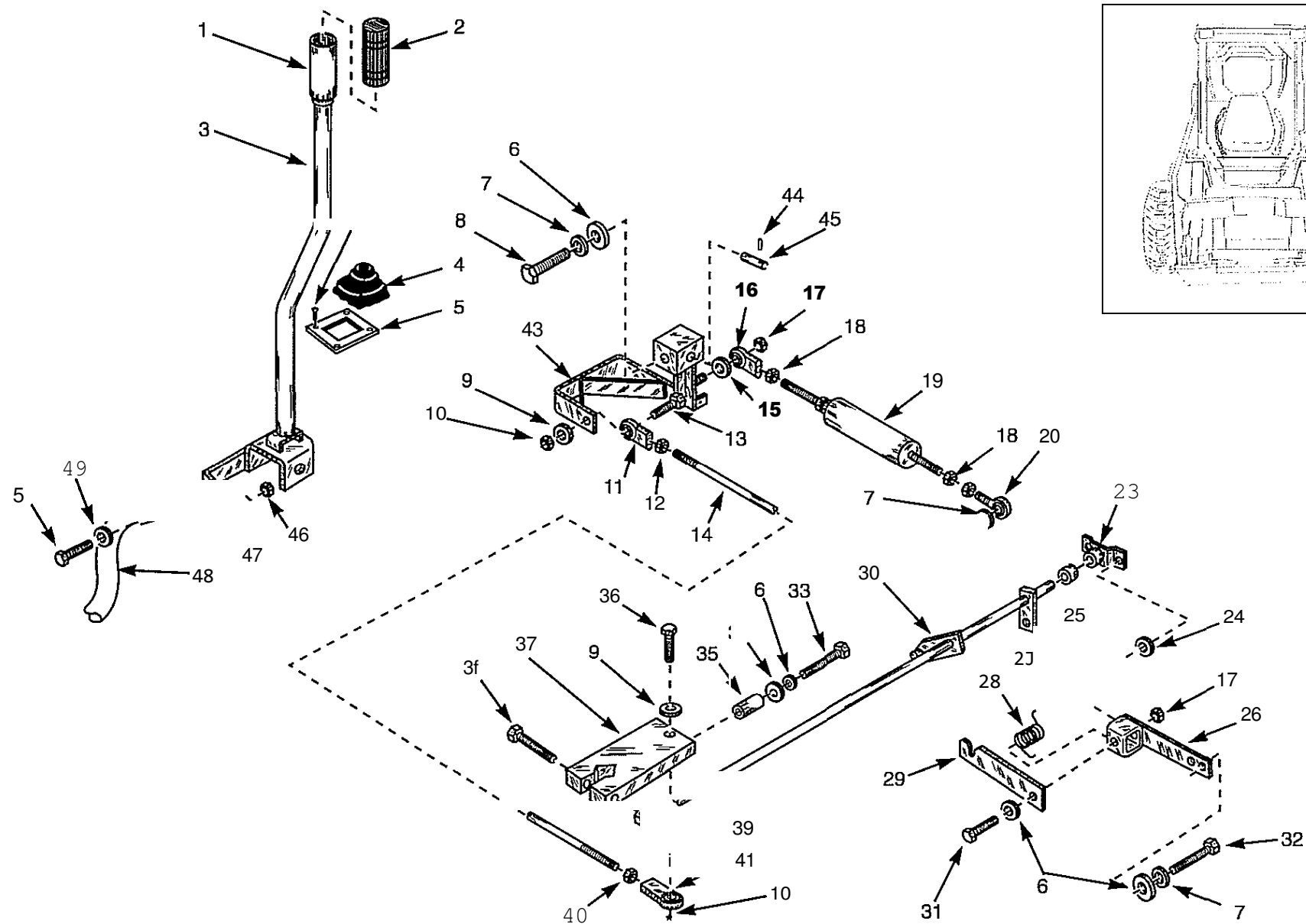
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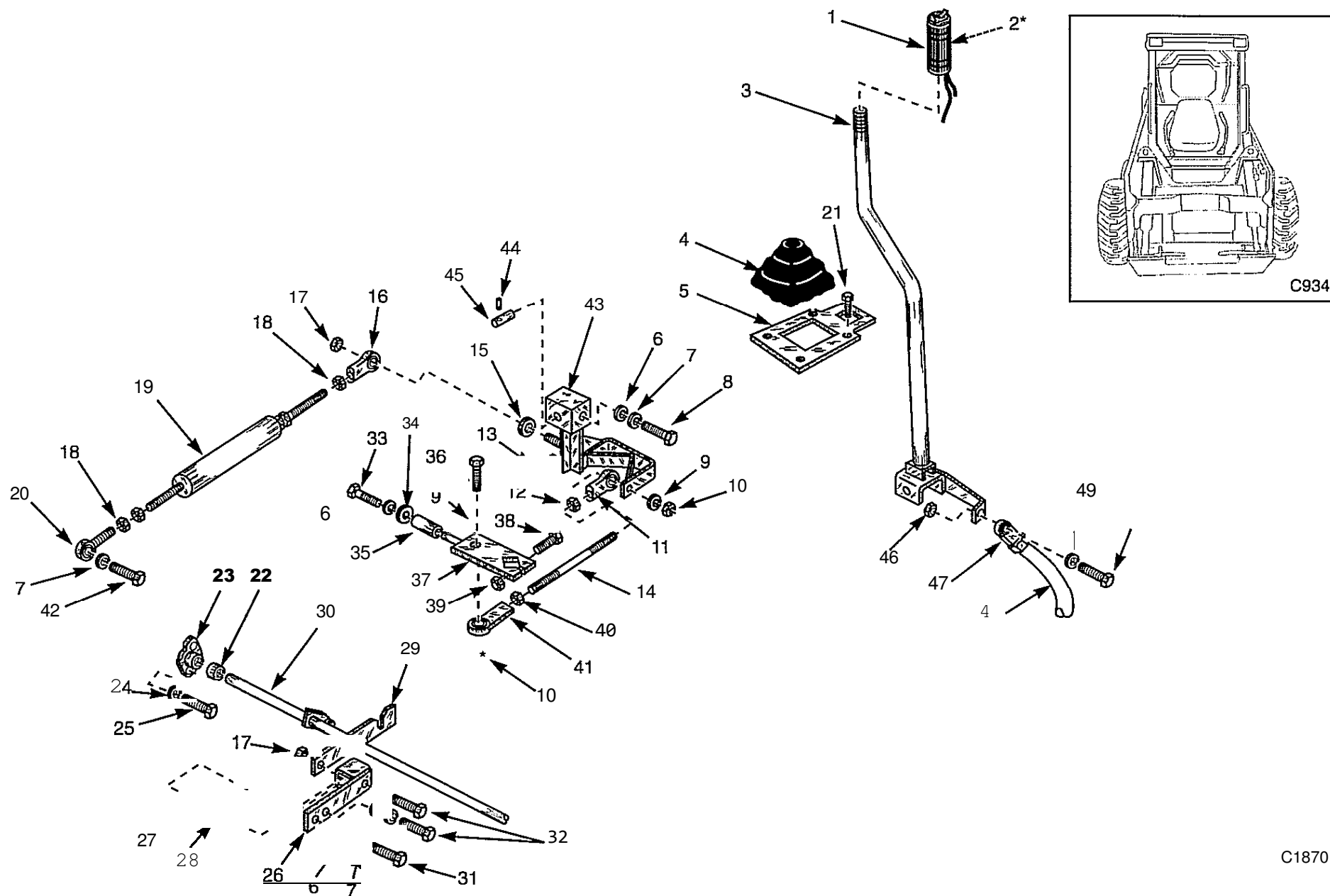
ITEM	PART	QTY	DESCRIPTION	ITEM	PART	QTY	DESCRIPTION
1.	961303	1	Handle (two piece handle / grip)	35.	37854	1	Bushing
1.	43808	1	Handle (one piece handle / grip)	36.	2008	1	Bolt
2.	3189	1	Grip (for 961303 handle)	37.	961928	1	Pintle lever
3.	961741	1	Control lever assembly	38.	1677	1	Bolt
4.	30501	1	Control lever boot	39.	16771	1	Lock nut
5.	42229	1	Boot cover (to S / N LM001093)	40.	42211	1	Nut, LH UNF
5.	44472	1	Boot cover (S / N LM001094 onward)	41.	42208	1	Rod end, LH female
6.	1643	4	Flat washer	42.	0387	1	Bolt
7.	1642	5	Lock washer				
8.	1673	1	Bolt				
9.	6394	3	Lock washer				
10.	6393	2	Nut				
11.	42207	1	Rod end, RH				
12.	5406	1	Nut				
13.	1668	1	Bolt				
14.	42204	1	Bar, linkage rod				
15.	21174	1	Washer				
16.	5803	1	Rod end, female				
17.	7465	2	Lock nut				
18.	1898	3	Nut				
19.	959090	1	Hydroback (includes 16, 18, 20)				
20.	15880	1	Rod end, male				
21.	21907	4	Screw				
22.	29066	2	Set collar				
23.	29065	2	Flange bearing				
24.	2279	4	Lock washer				
25.	2663	4	Bolt				
26.	960836	1	Pivot assembly, RH				
27.	23012	1	Bushing				
28.	956137	1	Spring				
29.	29982	1	Locking arm				
30.	960840	1	Pintle lock activator				
31.	14620	1	Bolt				
32.	1193	2	Bolt				
33.	1364	1	Bolt				
34.	29384	1	Fender washer				



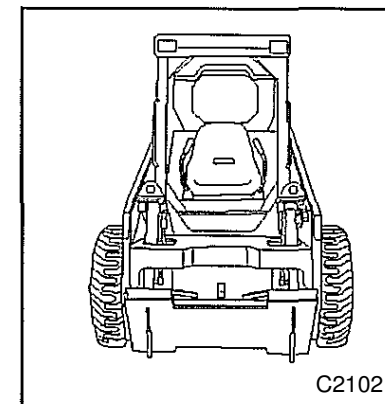
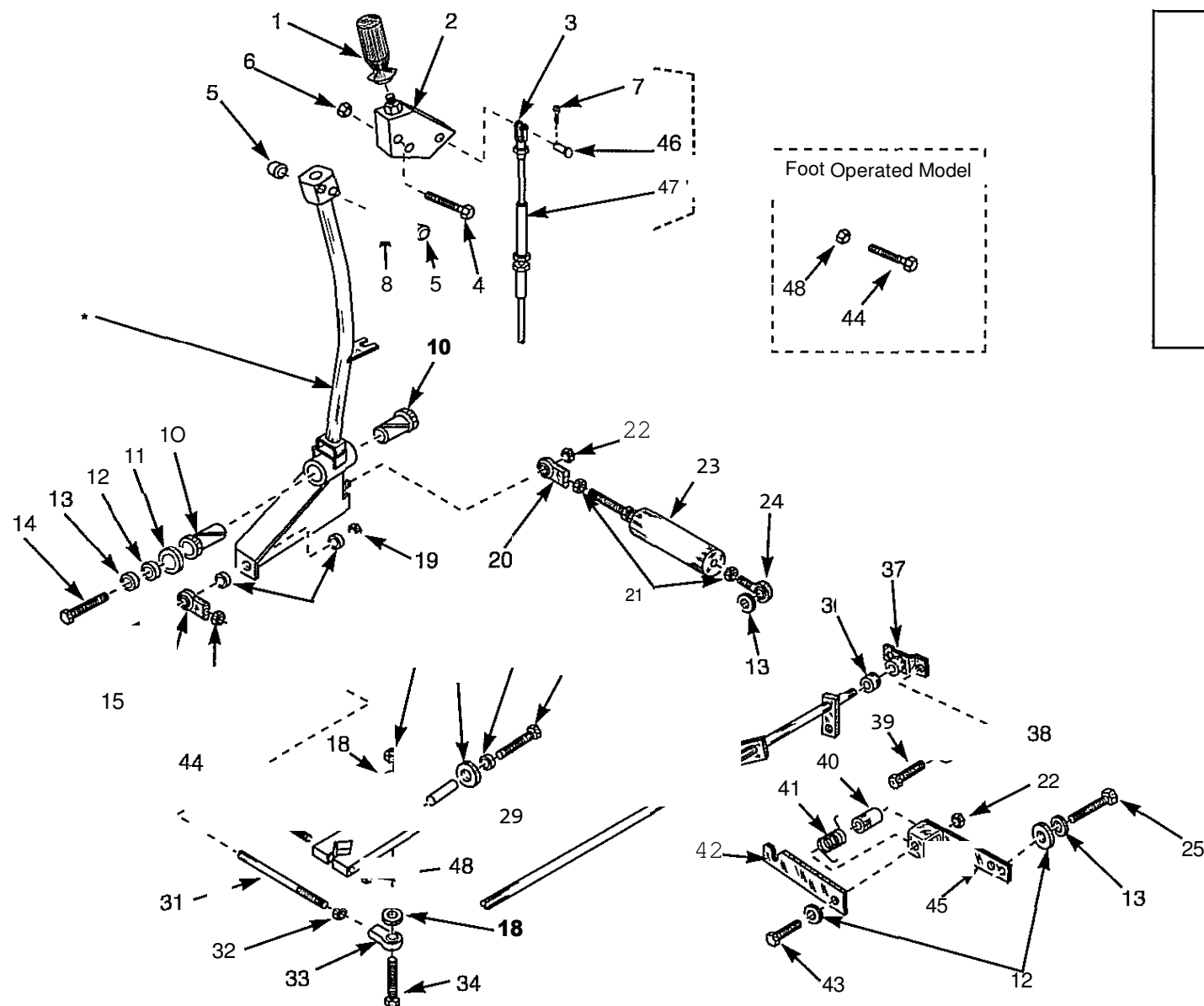
ITEM	PART	QTY	DESCRIPTION	ITEM	PART	QTY	DESCRIPTION
1.	40960	1	Handle	35.	37854	1	Bushing
2.	18412	2	Switch (in control handle)	36-	2008	1	Bolt
3.	961740	1	Control lever assembly	37.	961928	1	Pintle lever
4.	30501	1	Control lever boot	.	1677	1	Bolt
5.	9627?i7	1	Boot cover (to S / N LM001093)	39.	16771	1	Lock nut
5.	44471	1	Boot cover (S / N LM001094 onward)	40.	42211	1	Nut, LH UNF
-	1643	4	Flat washer	41.	42208	1	Rod end, LH female
7.	1642	5	Lock washer	42.	1387	1	Bolt
8.	1673	1	Bolt				
	6394	3	Lock washer				
10.	6393	2	Nut				
11.	42207	1	Rod end, RH				
12.	5406	1	Nut				
13.	1668	1	Bolt				
14.	42205	1	Bar, linkage rod				
15.	21174	1	Washer				
16.	5B03	1	Rod end, female				
17.	7405	2	Lock nut				
18.	1898	3	Nut				
19.	959090	1	Hydroback (includes 16, 1B, 20)				
20.	15880	1	Rod end, male				
21.	21907	4	Screw				
22.	29066	2	Set collar				
23.	29065	2	Flange bearing				
24.	2279	4	Lock washer				
25.	2663	4	Bolt				
26.	960B37	1	Pivot assembly, LH				
27.	23012	1	Bushing				
28.	956137	1	Spring				
29.	299B2	1	Locking arm				
IO.	960840	1	Pintle lock activator				
31.	14620	1	Bolt				
32.	1193	2	Bolt				
33.	1364	1	Bolt				
34.	29384	1	Fender washer				



ITEM	PART	QTY	DESCRIPTION	ITEM	PART	QTY	DESCRIPTION
1.	961303	1	Handle (two piece handle / grip)	35.	37854	1	Bushing
1.	43808	1	Handle (one piece handle / grip)	36.	2008	1	Bolt
2.	3189	1	Grip (for 961303 handle)	37.	961928	1	Pintle lever
3.	961739	1	Control lever assembly	38.	1677	1	Bolt
4.	30501	1	Control lever boot	39.	16771	1	Lock nut
5.	42229	1	Boot cover (to S / N LM001093)	40.	42211	1	Nut, LH UNF
5.	44472	1	Boot cover (S / N LM001094 onward)	41.	42208	1	Rod end, LH female
6.	1643	4	Flat washer	42.	1387	1	Bolt
7.	1642	5	Lock washer	43.	961737	1	Swivel, RH
8.	1673	1	Bolt	44.	5896	1	Split pin
9.	6394	3	Lock washer	45.	35763	1	Pivot pin
10.	6393	2	Nut	46.	17432	1	Lock nut
11.	42207	1	Rod end, RH	47.	35883	1	Rod end
12.	5406	1	Nut	48.	42048	1	Cable, 70" long
13.	1668	1	Bolt	49.	25583	2	Lock washer
14.	42204	1	Bar, linkage rod	50.	17421	1	Bolt
15.	21174	1	Washer				
16.	5803	1	Rod end, female				
17.	7465	2	Lock nut				
18.	1898	3	Nut				
19.	959090	1	Hydroback (includes 16, 18, 20)				
20.	15880	1	Rod end, male				
21.	21907	4	Screw				
22.	29066	2	Set collar				
23.	29065	2	Flange bearing				
24.	2279	4	Lock washer				
25.	2663	4	Bolt				
26.	960836	1	Pivot assembly, RH				
27.	23012	1	Bushing				
28.	956137	1	Spring				
29.	29982	1	Locking arm				
30.	960840	1	Pintle lock activator				
31.	14620	1	Bolt				
32.	1193	2	Bolt				
33.	1364	1	Bolt				
34.	29384	1	Fender washer				



ITEM	PART	QTY	DESCRIPTION	ITEM	PART	QTY	DESCRIPTION
1.	40960	1	Handle assembly, with switch	35.	37854	1	Bushing
2.	38412	2	Switch, control handle	36.	2008	1	Bolt
3.	961738	1	Control lever assembly	37.	961928	1	Pintle lever
4.	30501	1	Control lever boot	38.	1677	1	Bolt
5.	962757	1	Boot cover (to S / N LM001093)	39.	16771	1	Lock nut
5.	44472	1	Boot cover (S / N LM001094 onward)	40.	42211	1	Nut, LH UNF
6.	1643	4	Flat washer	41.	42208	1	Rod end, LH female
7.	1642	5	Lock washer	42.	1387	1	Bolt
8.	1673	1	Bolt	43.	961736	1	Swivel, LH
9.	6394	3	Lock washer	44.	5896	1	Split pin
10.	6393	2	Nut	45.	35763	1	Pivot pin
11.	42207	1	Rod end, RH	46.	17432	1	Lock nut
12.	5406	1	Nut	47.	35883	1	Rod end
13.	1668	1	Bolt	48.	42048	1	Cable, 70" long
14.	42205	1	Bar, linkage rod	49.	25583	2	Lock washer
15.	21174	1	Washer	50.	17421	1	Bolt
16.	5803	1	Rod end, female				
17.	7465	2	Lock nut				
18.	1898	3	Nut				
19.	959090	1	Hydroback (includes 16, 18, 20)				
20.	15880	1	Rod end, male				
21.	21907	4	Screw				
22.	29066	2	Set collar				
23.	29065	2	Flange bearing				
24.	2279	4	Lock washer				
25.	2663	4	Bolt				
26.	960837	1	Pivot assembly, LH				
27.	23012	1	Bushing				
28.	956137	1	Spring				
29.	29982	1	Locking arm				
30.	960840	1	Pintle lock activator				
31.	14620	1	Bolt				
32.	1193	2	Bolt				
33.	1364	1	Bolt				
34.	29384	1	Fender washer				

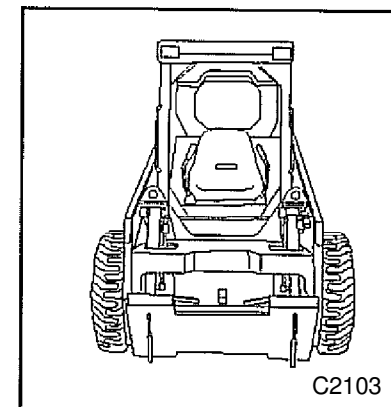
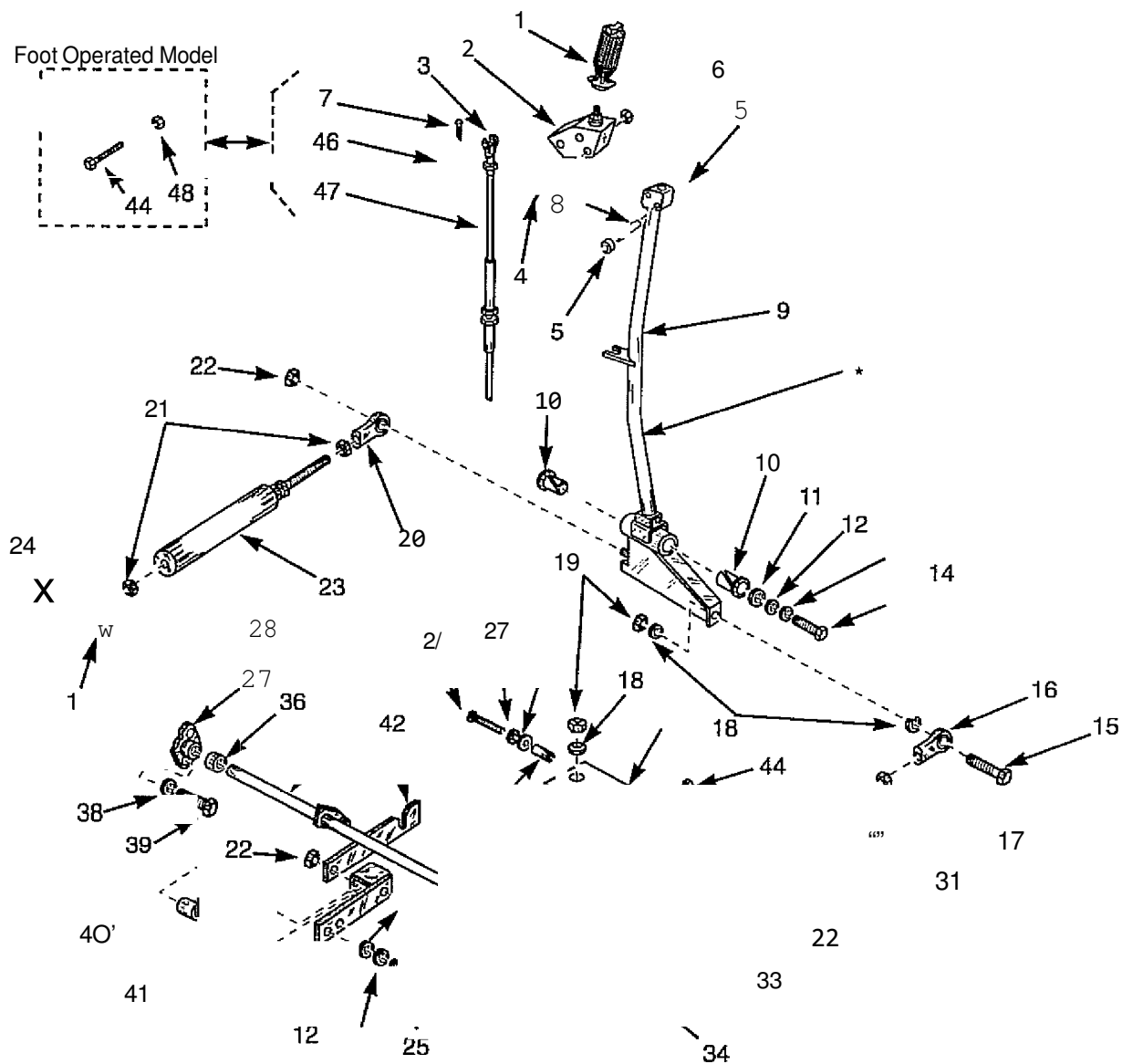


ITEM	PART	OTV	DESCRIPTION	ITEM	PART	QTY	DESCRIPTION
1.	43808	1	Handle	34.	2008	1	Bolt, 7/16" x 2" long
"	4096D	1	Handle, with electrical switch assembly	35.	960840	1	Pintle lock activator shaft
"*	38412	2	Switch, in handle	36.	29066	2	Set collar
2.	962761	1	Lever handle base	37.	29065	2	Flange bearing
3.	35884	2	Clevis	38.	2279	4	Lock washer
4.	2fi5B9	1	Bolt, 1/4"	39.	2338	4	Bolt
5.	44348	2	Flange bushing	40.	23012	1	Bushing
6.	23772	1	Lock nut	41.	956137	1	Spring
7.	1630	1	Cotter pin	42.	2998Z	1	Locking arm
8.	44349	1	Bushing, handle spacer	43.	14620	1	Bolt
9.	g62725	1	Control lever, RH	44.	1677	1	Bolt
10.	44347	2	Flange bushing	45.	960836	1	Lack pivot, RH
11.	29834	2	Fender washer	46.	30044	2	Clevis pin
12.	1643	4	Flat washer	47.	44576	1	Control cable, 65" long
13.	1642	4	Lock washer	48.	16771	1	Lock nut
14.	1673	1	Bolt	*	44384	1	Boot cover
15.	1668	2	Bolt	"	44311	1	Boot, rubber bellows
16.	42207	1	Rod end, 7/16				
17.	5406	1	Nut, 7/16" UNF				
18.	6394	3	Lock washer				
19.	6393	2	Nut, 7/16" UNC				
20.	5803	1	Rod end, 3/8"				
21.	189B	4	Nut, 3/8" UNF				
22.	7465	2	Lock nut				
23.	959090	1	Hydroback				
24.	15880	1	Rod end, male				
25.	1193	3	Bolt				
26.	1364	1	Bolt				
27.	21174	1	Spacer washer				
28.	13B7	1	Bolt				
29.	37854	1	Bushing				
30.	961928	1	Pintle lever				
31.	44450	1	Control rod				
32.	42211	1	Nut, 7/16" UNF LH				
33.	4220B	1	Rod end, 7/16" LH				

* Item not shown

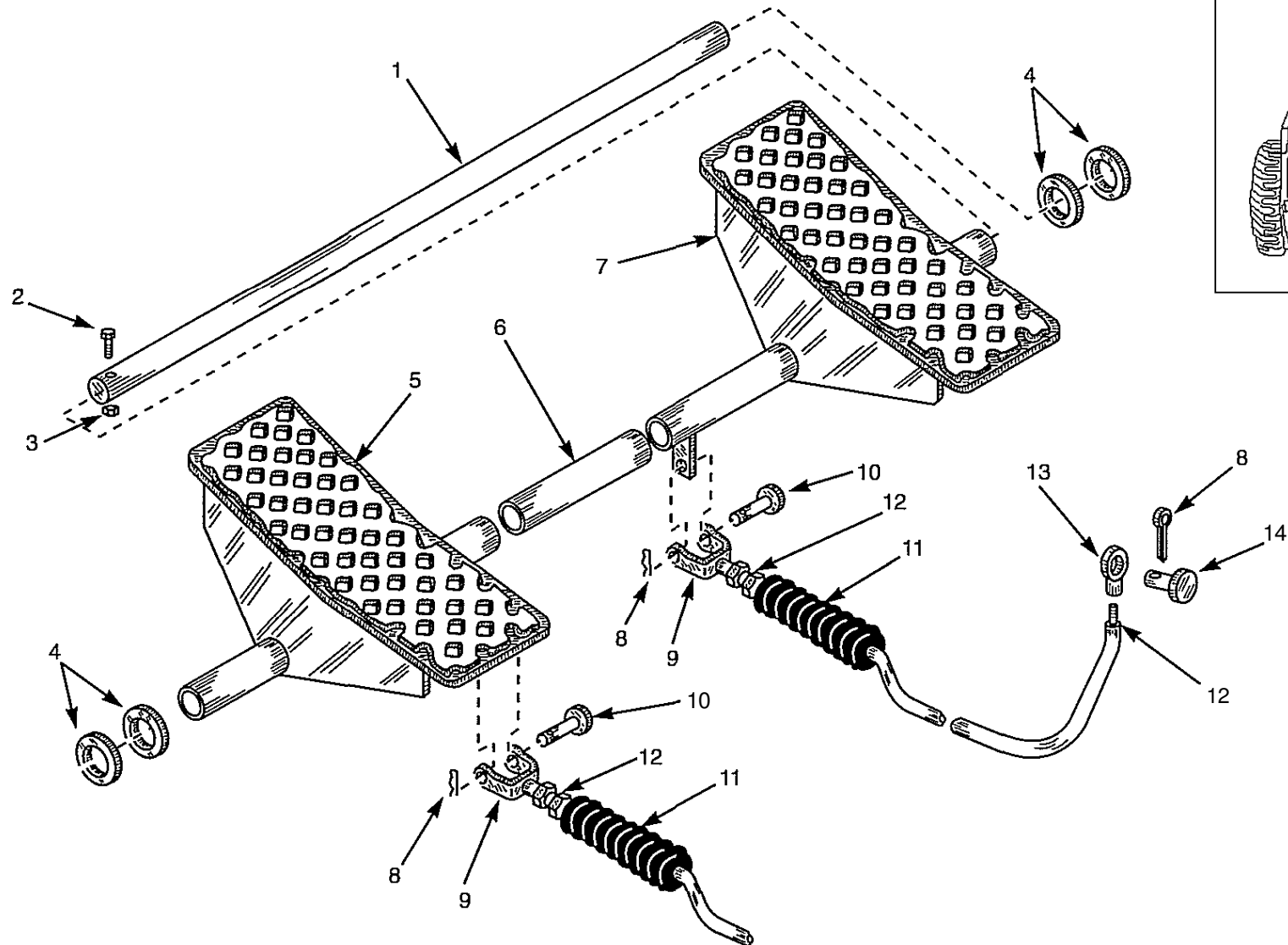
CONTROL LEVER, LH (S / N LM001149 onward)

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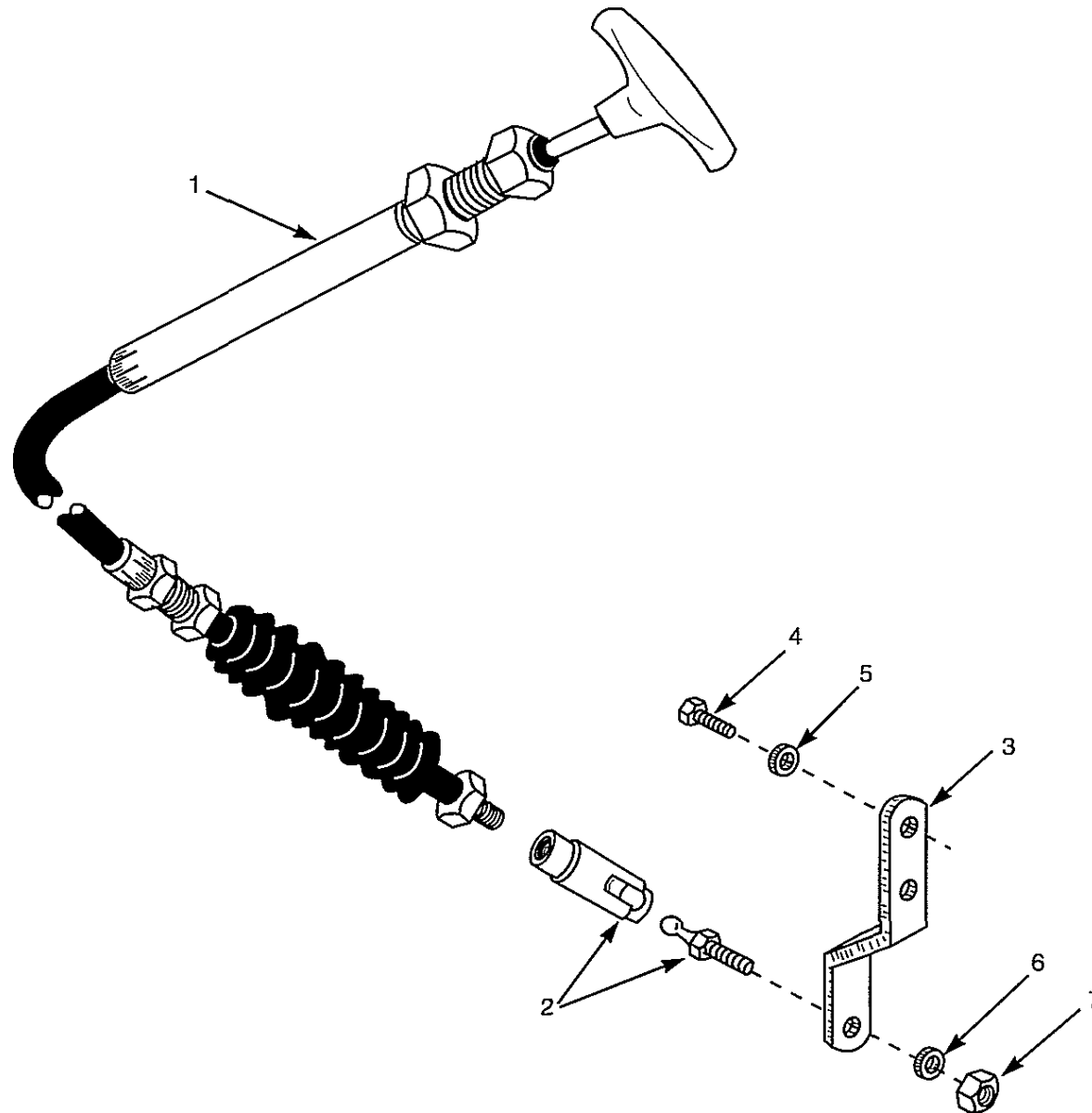


ITEM	PART	QTY	DESCRIPTION	ITEM	PART	QTY	DESCRIPTION
1.	43808	1	Handle	34.	2008	1	Bolt, 7/16" x 2" long
*	40960	1	Handle, with electrical switch assembly	35.	960840	1	Pintle lock activator shaft
""	38412	2	Switch, in handle	36.	29066	2	Set collar
2.	962761	1	Lever handle base	37.	29065	2	Flange bearing
3.	358B4	2	Clevis	38.	2279	4	Lock washer
4.	25589	1	Bolt, 1/4"	3s.	za38	4	Bolt
5.	44348	2	Flange bushing	40.	23012	1	Bushing
6.	23772	1	Lock nut	41.	956137	1	Spring
7.	1630	1	Cotter pin	42.	29982	1	Locking arm
8.	44349	1	Bushing, handle spacer	43.	14620	1	Bolt
9.	962726	1	Control lever, LH	44.	1677	1	Bolt
10.	44347	2	Flange bushing	45.	960837	1	Lock pivot, LH
11.	29834	2	Fender washer	46.	30044	2	Clevis pin
12.	1643	4	Flat washer	47.	44575	1	Control cable, 91" long
13.	1642	4	Lock washer	48.	16771	1	Lock nut
14.	1673	1	Bolt	*	44385	1	Boot cover
15.	1668	2	Bolt	*	44311	1	Boot, rubber bellows
16.	42207	1	Rod end, 7/16				
17.	5406	1	Nut, 7/16" UNF				
18.	6394	3	Lock washer				
19.	6393	2	Nut, 7/16" UNC				
20.	5803	1	Rod end, 3/8"				
21.	1898	4	Nut, 3/8" UNF				
22.	7465	2	Lock nut				
23.	959090	1	Hydroback				
24.	15880	1	Rod end, male				
25.	1193	3	Bolt				
26.	1364	1	Bolt				
27.	21174	1	Spacer washer				
28.	1387	1	Bolt				
29.	37854	1	Bushing				
30.	961928	1	Pintle lever				
31.	44621	1	Control rod				
32.	42211	1	Nut, 7/16" UNF LH				
33.	42208	1	Rod end, 7/16" LH				

* Item not shown



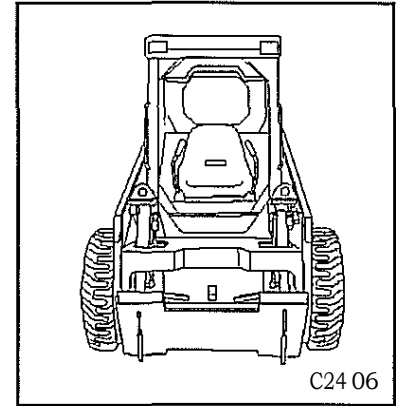
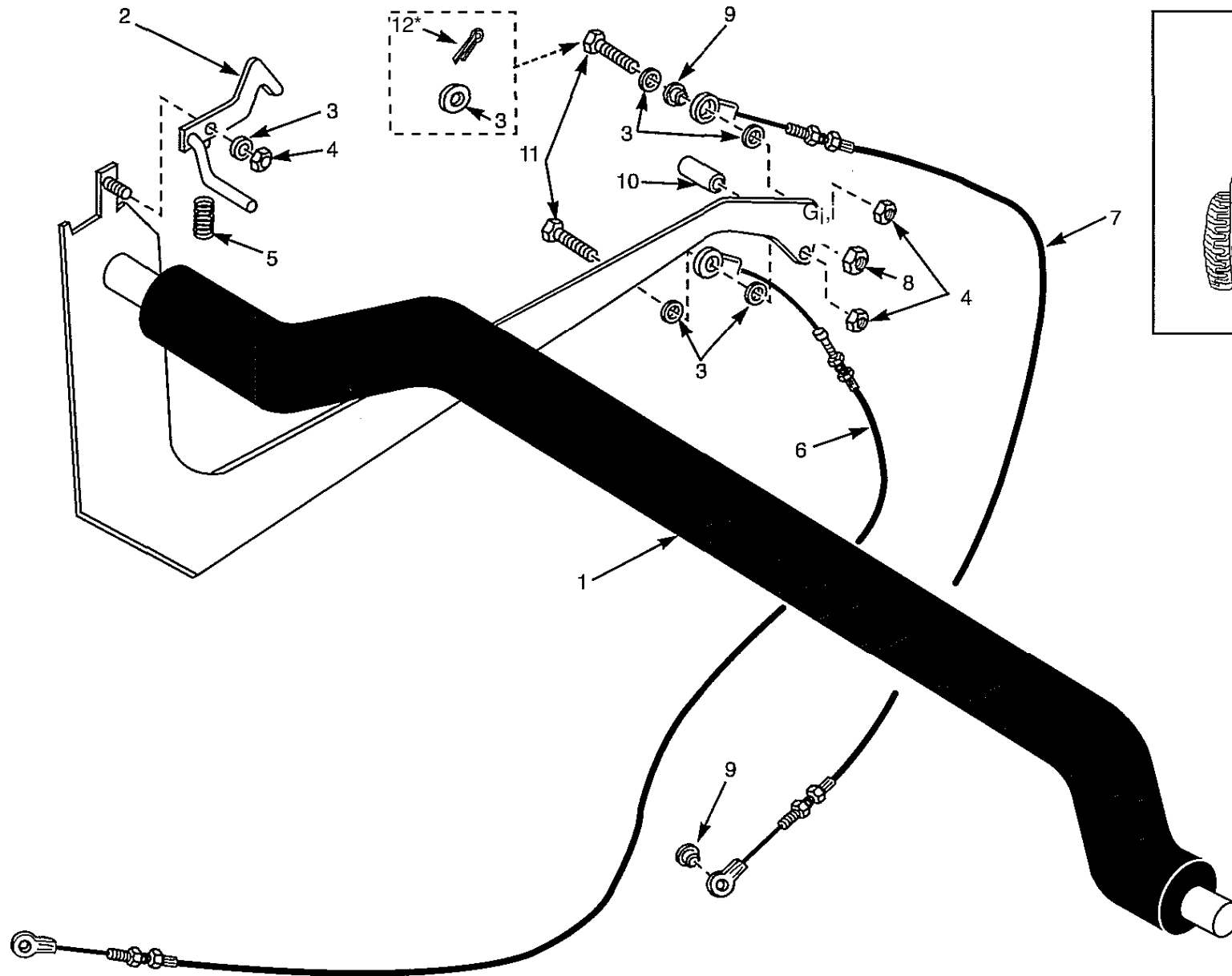
ITEM	PART	QTY	DESCRIPTION
1.	411B9	1	Shaft
2.	25589	1	Bolt
3.	17432	1	Lock nut
4.	17516	A / R	Washer
5.	960805	1	Pedal, lift
6.	35855	1	Spacer
7.	960806	1	Pedal, tilt
8.	1630	4	Cotter pin
9.	35884	2	Clevis
10.	30044	2	Clevis pin
11.	42048	2	Cable
	43136	each	Boot kit, control cable
12.	5405	4	Nut
13.	036487	2	Eyelet (to S / N LM000996)
13.	44406	3	Clevis (S / N LM000997 onward)
14.	10044	Z	Clevis pin (to S / N LM000996)
14.	34266	2	Clevis pin (S / N LM000997 onward)



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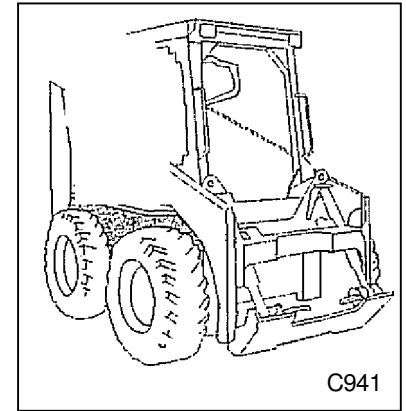
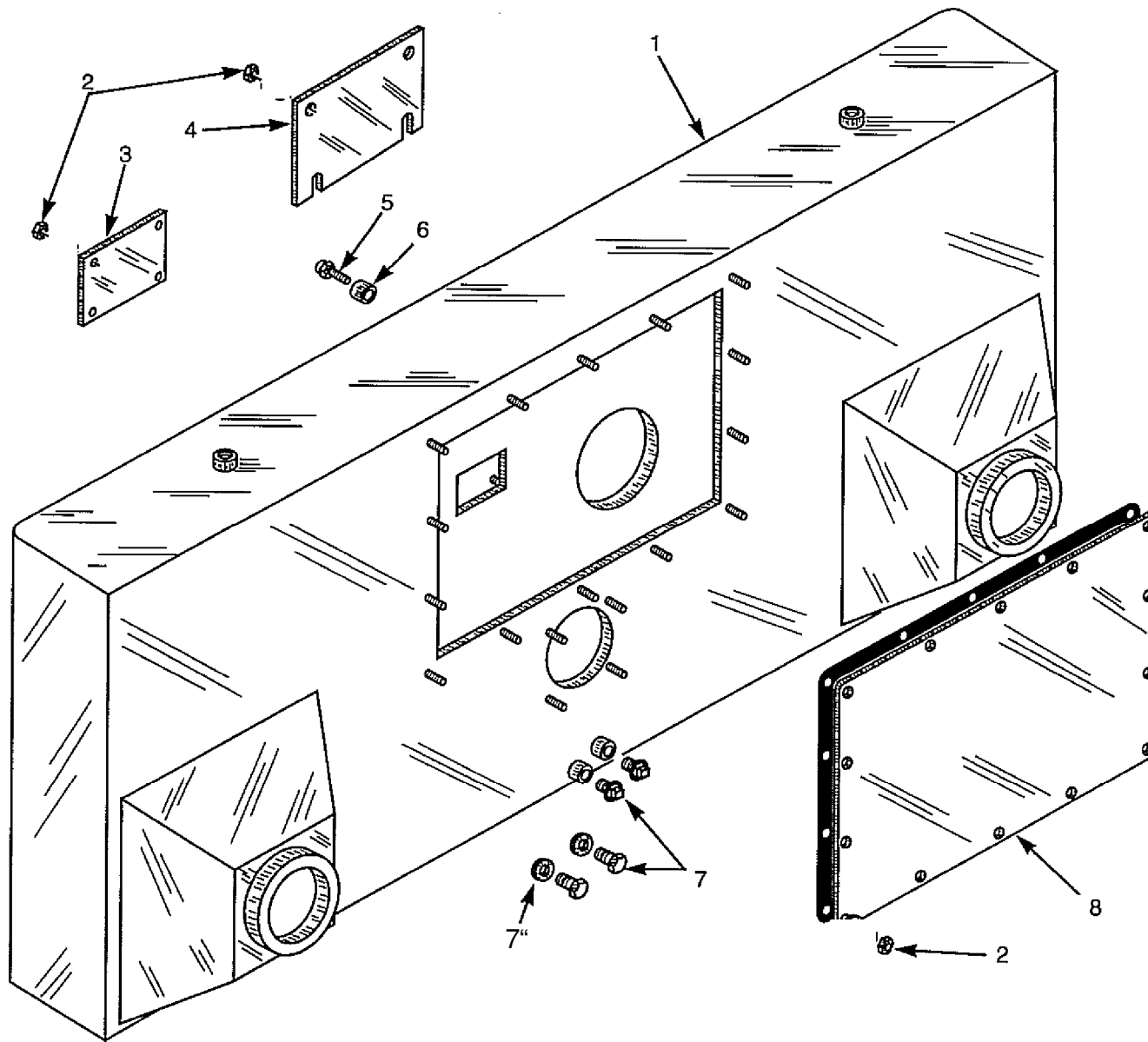
ITEM	PART	QTY	DESCRIPTION
1.	43840	1	Cable
2.	42047	1	Joint, ball and socket
3.	41849	1	Bracket, throttle extension
4.	23771	2	Bolt
5.	21320	2	Lock washer
6.	2279	1	Lock washer
7.	6645	1	Lock nut



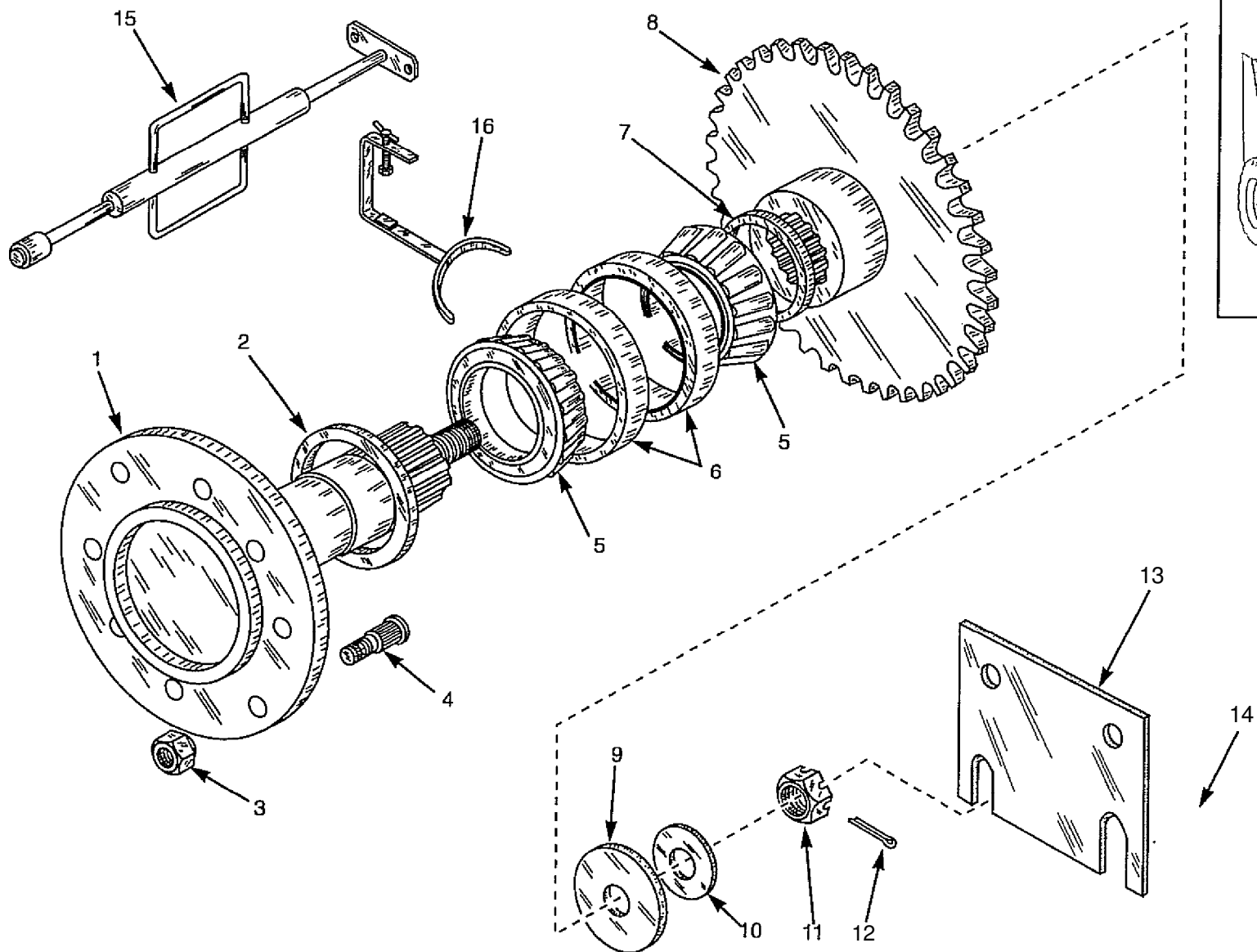
ITEM	PART	QTY	DESCRIPTION
1.*	961742	1	Restraint bar
2.	960497	1	Latch, RH
2.	960498	1	Latch, LH
3.	1650	8	Flat washer
4.	6645	6	Lock nut
5.	38834	2	Spring
6.	38553	1	Cable, brake
7.	42443	1	Cable, restraint
8.	8613	2	Lock nut
9.	41042	2	Bushing
10.	40320	2	Spacer bushing
11.	5170	4	Bolt
12.”	1630	4	Cotter pin

“ Later models (LM001169 onward) and new replacement restraint bars will use flat washers with cotter pins to retain the cables to the restraint bar and activator shafts.

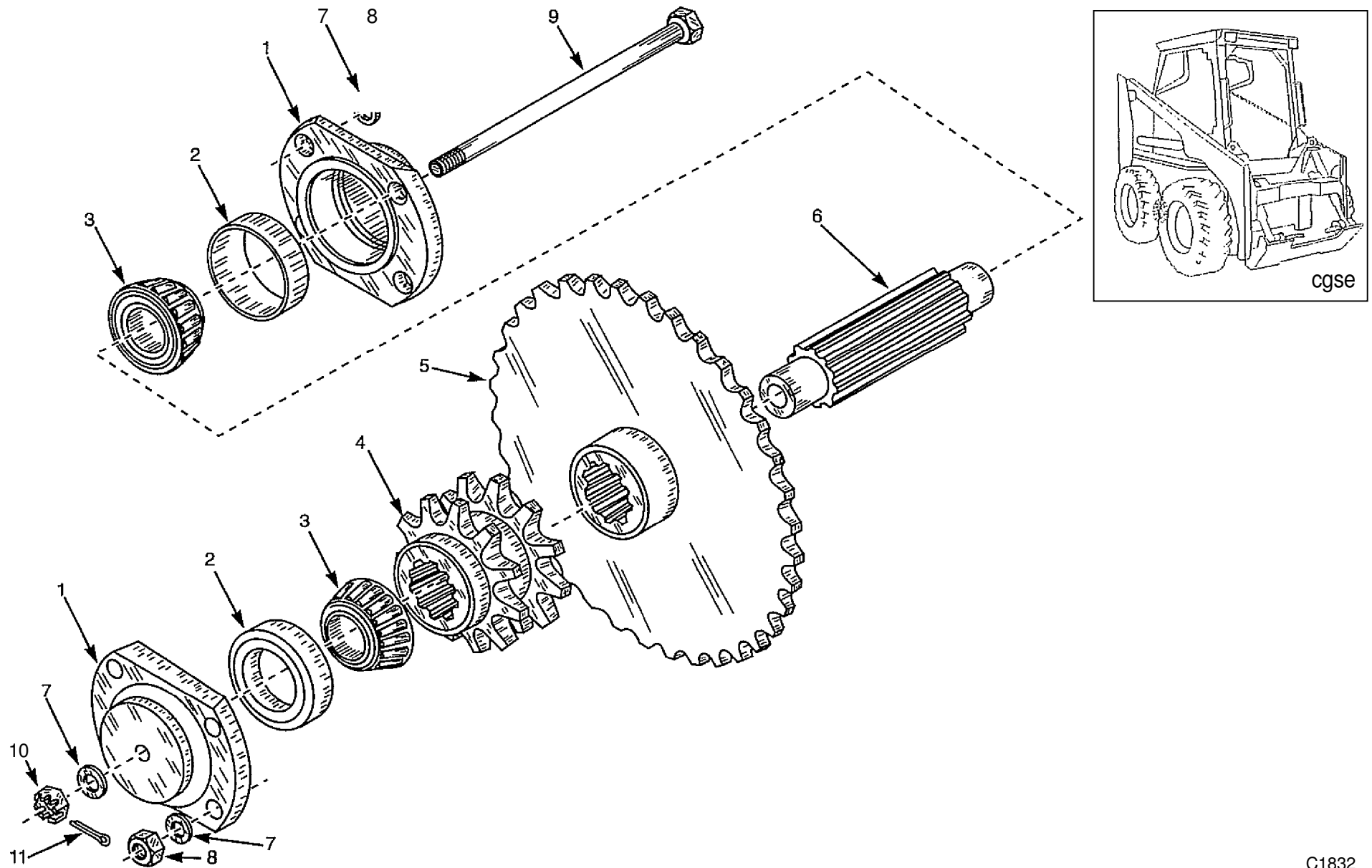
Transmission Housing	3.1
Idler Sprocket and Drive Chains.	3.3
Parking Brake	3.4



ITEM	PART	QTY	DESCRIPTION
1.	960270	1	Transmission assembly, LH
1.	960271	1	Transmission assembly, RH
2.	43558	44	Serrated flange nut
3.	25879	2	Primary inspection cover
4.	26315	4	Inside axle cover
5.	6377	2	Breather vent
6.	952766	2	Breather cap
7.	10516	4	Plug, 7/8" with o-ring (to LM000964)
7.	44357	4	Plug, S / N LM000965 onward
7.	44358	4	Seal, for plug 44357
8.	31262	2	Inspection cover



ITEM	PART	QTY	DESCRIPTION
1.	957785	1	Axle
2.	29029	1	Seal
3.	5832	8	Wheel nut
4.	261BB	8	Wheel stud
5.	assog	2	Bearing
6.	26510	2	Race
7.	25618	1	Spacer
8.	26042	1	Sprocket, 27T100
9.	29361	1	Axle washer, big
10.	22448	1	Axle washer, small
11.	14877	1	Castle nut
12.	13B6	1	Cotter pin
13.	26315	1	Inside axle cover
14.	4355B	4	Serrated flange nut
15.	960475	1	Axle puller
16.	958674	2	Seal installation tool, 2 required



ITEM	PART	QTY	DESCRIPTION
1.	954434	2	Flange
2.	8705	2	Race
3.	8704	2	Bearing
4.	22734	1	Sprocket, double 11T100
5.	26041	1	Sprocket, 38T80
6.	25104	1	Splined shaft
7.	25845	10	Flat washer
8.	8613	8	Lock nut
9.	956429	1	Center bolt
10.	17340	1	Castle nut
11.	1546	1	Cotter pin

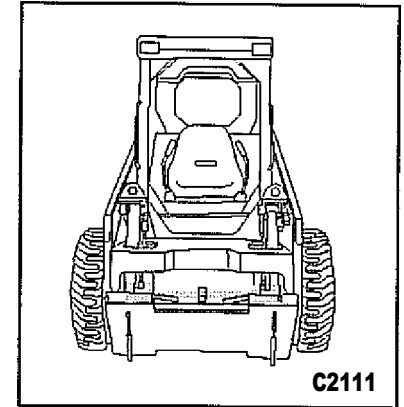
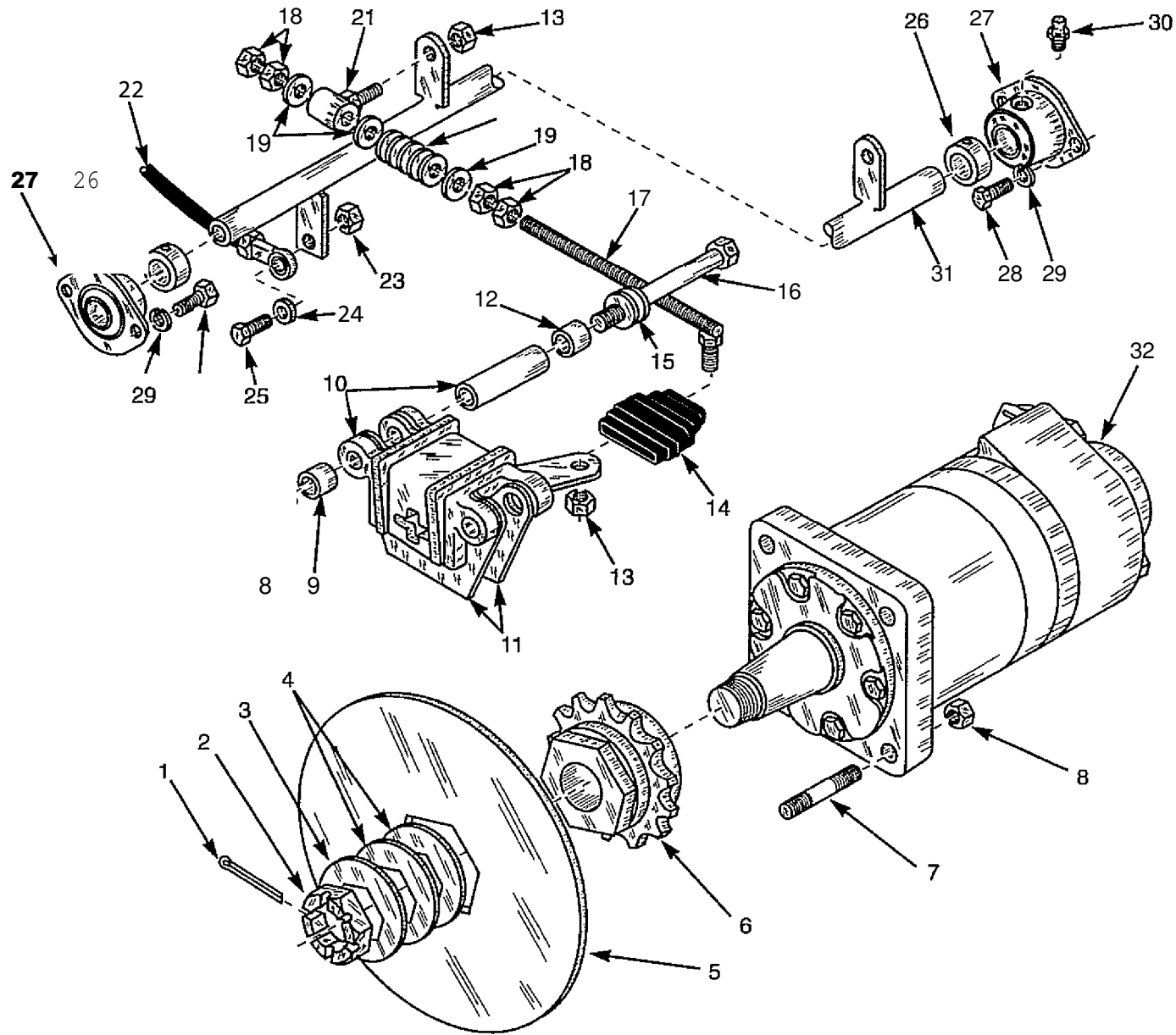
CHAINS and CONNECTING LINKS (per side)

	31044	1	Primary idler chain, #80 roller X 45 links, with connector
	31045	1	Front chain, #100 roller X 51 links, with connector
	31046	1	Rear chain, #100 roller X 55 links, with connector (to S / N LM001004)
	44146	1	Rear chain, heavy duty #100H roller X 55 links, with connector (S / N LM001005 onward, also replacement)
"	32906	ea	#80 press fit connector
*	32907	ea	#100 press fit connector
	32578	ea	#100 double offset, press fit connector (to S / N LM001004)

* Note: All models may upgrade with 44146 #100 Heavy Duty chain.

PARKING BRAKE

3.4

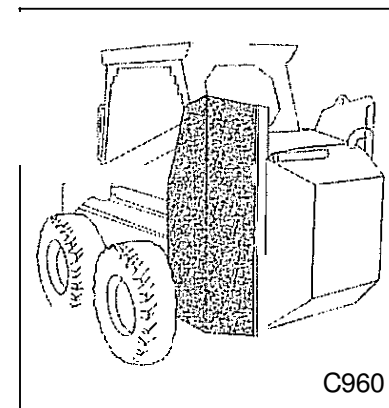
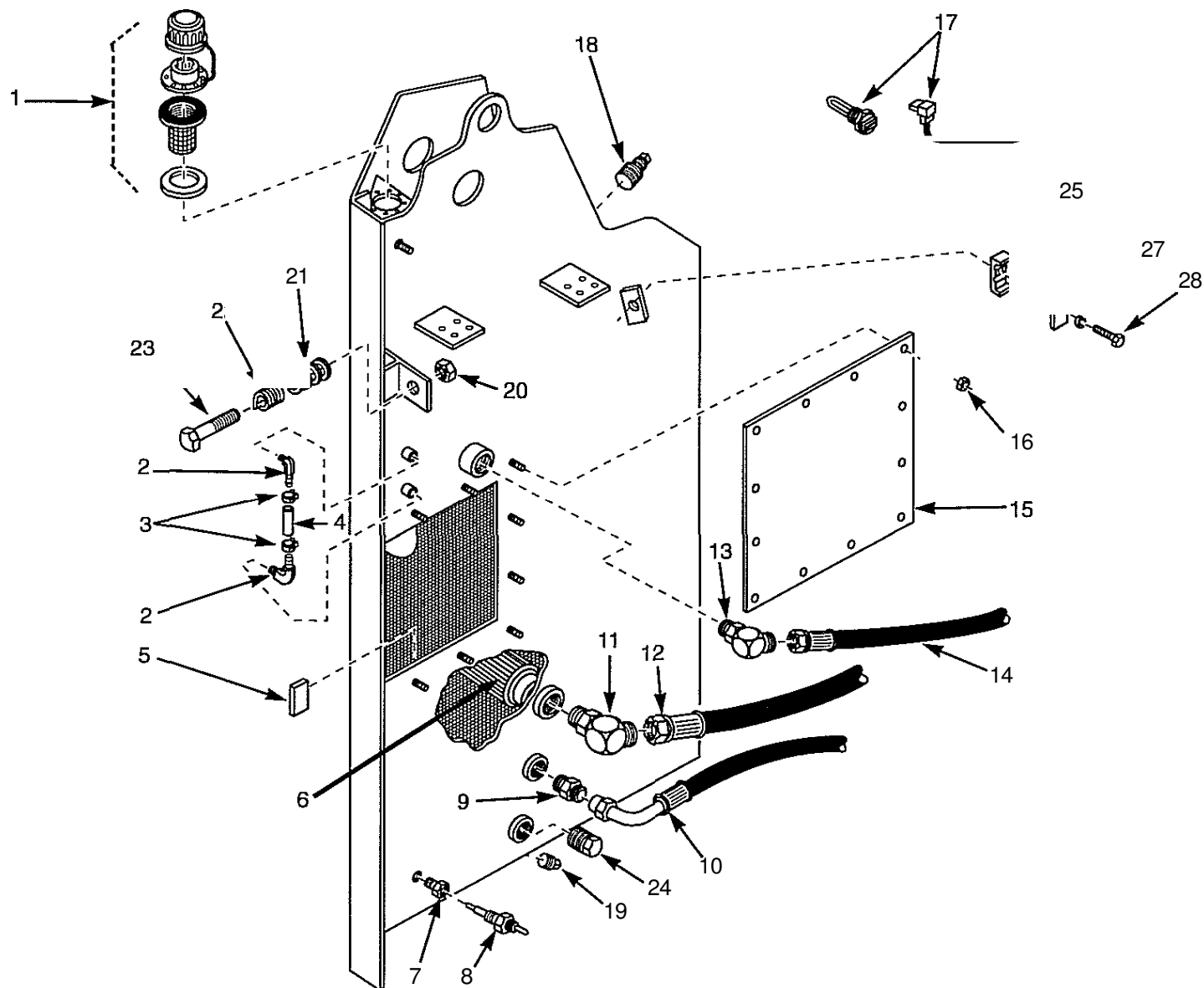


C2063

ITEM	PART	QTY	DESCRIPTION
1.	30800	2	Filler rod
2.	22071	2	Castle nut
3.	30474	2	Hex washer
4.	30470	4	Hex washer
5.	25843	2	Brake disc
6.	25842	2	Sprocket, 13T80
7.	29093	B	Stud
8.	8613	8	Lock nut
9.	29477	4	Bushing, spacer
10.	28979	2	Brake caliper, with pads
11.	30487	4	Brake pad (sold each)
12.	29476	4	Bushing, spacer
13.	7465	4	Lock nut
14.	41853	2	Brake boot (bellows)
15.	30485	8	Hardened washers
16.	1662	4	Bolt
17.	956659	2	Brake rod
18.	1194	8	Nut
19.	1643	6	Flat washer
20.	1205	2	Spring
21.	956660	2	Pivot bushing
22.	38553	1	Brake cable, 75" long
23.*	6645	2	Lock nut
24.	1650	2	Flat washer
25."	7723	2	Bolt
26.	4842	2	Set collar
27.	24914	2	Flange bearing
28.	6081	4	Bolt
29.	1870	4	Lock washer
30.	37184	2	Grease fitting
31.	960798	1	Brake shaft (to S/ N LM001133)
31.	962503		Brake shaft (S/ N LM001134 onward)
32.	***	ea	Drive motor, see section 5

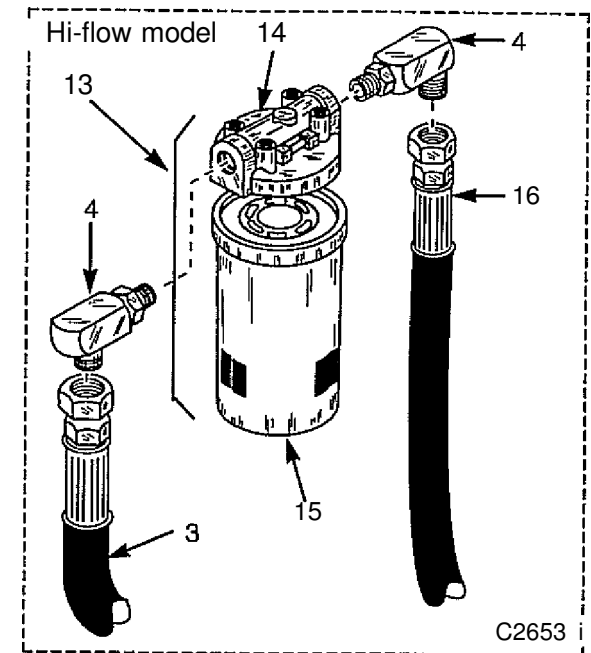
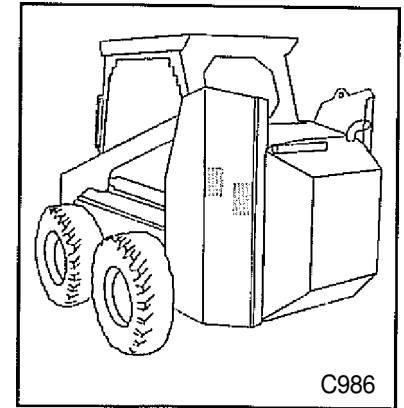
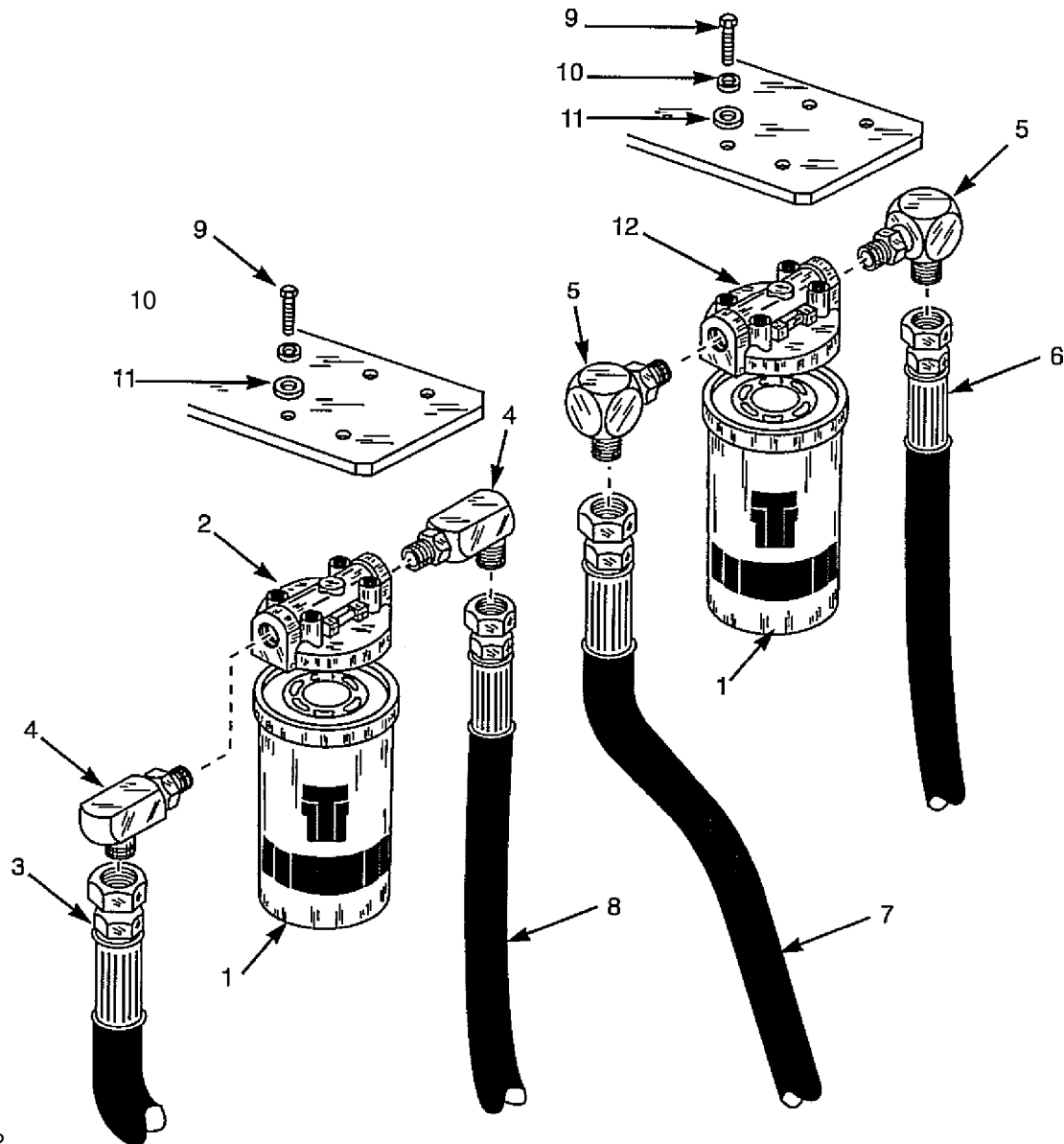
" S / N LM001134 **onward will** use P / N 1630 **cotter pin to retain the** cable to the brake activating shaft. Also when **replacing the** brake shaft from 960798 to 962503.

Oil Reservoir.....	4.1
Hydraulic Oil Filter.....	4.2
Hydraulic Oil Cooler and Fan.....	4.3
Boom Lift Circuit (to S / N LM000996).....	4.4a
Boom Lift Circuit (S / N LM000997 onward).....	4.4b
Linde	4.5
Bucket Tilt Circuit (to S / N LM000996)	4.6a
Bucket Tilt Circuit (S / N LM000997 onward)	4.6b
Tilt Cylinder.....	4.7
Auxiliary Circuit (to S / N LM000996)	4.8a
Auxiliary Circuit (S / N LM000997 onward).....	4.8b
Control Valve, (to S / N LM000996).....	4.9a
Control Valve, (S / N LM000997 onward, except wrist control)	4.9b
Control Valve, Wrist Operated (S / N LM000997 onward).....	4.9c
Self Level Valve.....	4.10

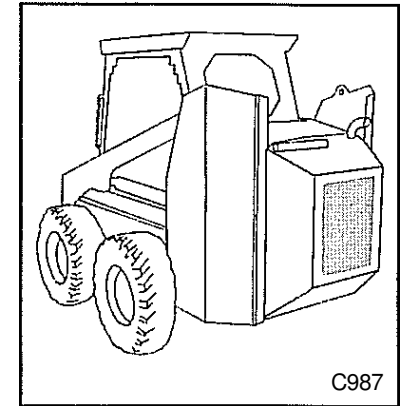
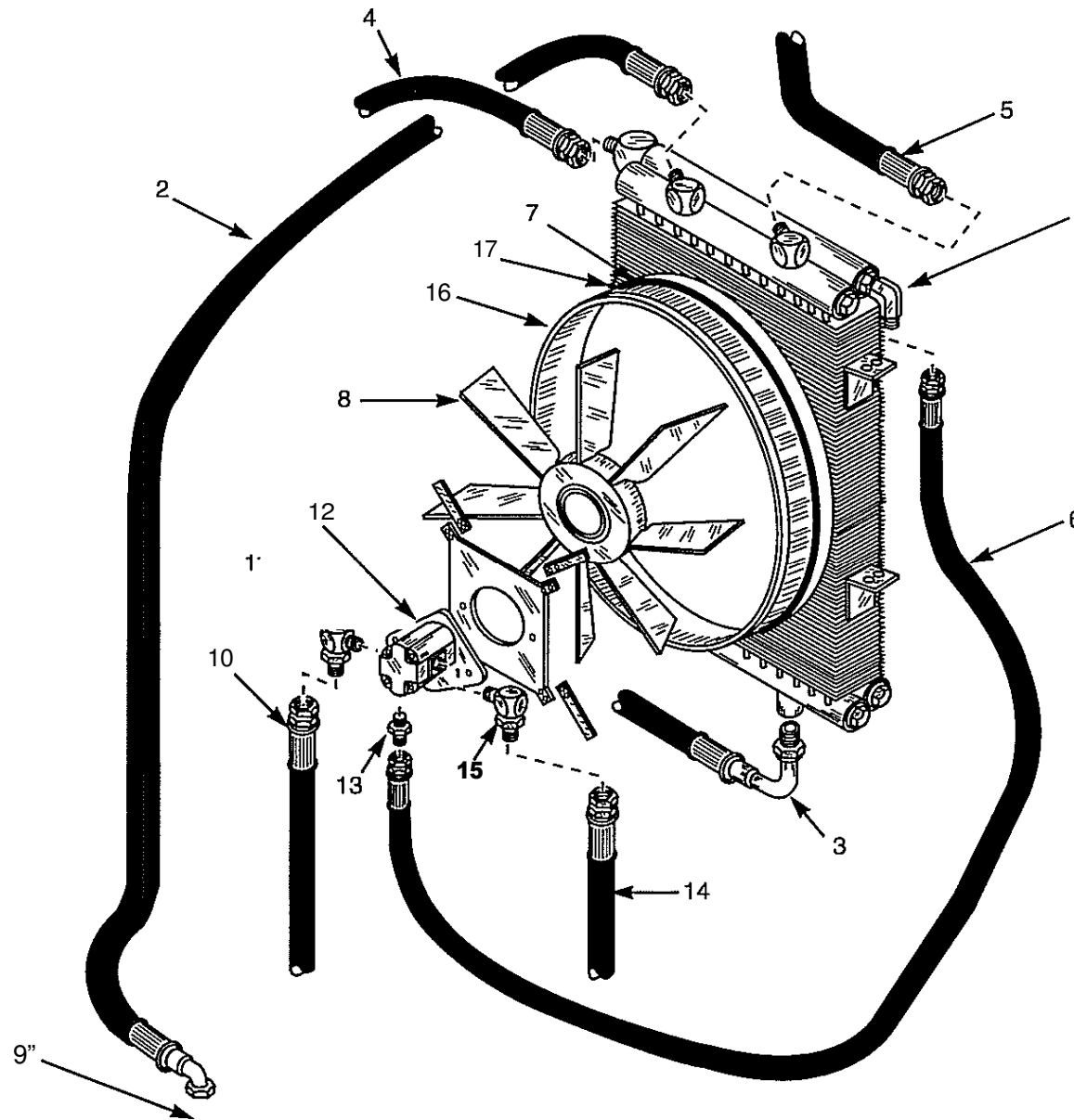


ITEM	PART	QTY	DESCRIPTION
1.	36733	1	Filler / breather cap
1.	26202	1	Pressurized filler cap (option)
2.	34903	2	Barbed elbow
3.	34919	2	Clamp
4.	698	A / R	Site tube (per foot)
5	32478	1	Magnet
6.	14898	1	Suction screen element
7.	37208	1	Reducer bushing
8.	37206	1	Temperature sender switch
9.	42321	1	Adapter, straight
10.	962268	1	Hose, cooler to tank return
11.	38768	1	Elbow, 90°
12.	962266	1	Hose, tank to gear pump
13.	36422	1	Elbow, 90°
14.	961756	1	Hose, manitold to tank
15.	20232	1	Inspection cover
16.	43558	12	Serrated flange nut
17.	30549	1	Oil heater (option)
18.	1457	1	Plug
19.	17144	1	Magnetic plug
20.	8613	1	Lock nut
21.	32920	1	Spring
22.	25845	3	Flat washer
23.	1773	1	Bolt
24.	37070	1	Plug
25.	42061	2	Clamp
26.	42076	1	Clamp plate
27.	1870	1	Lock washer
28.	15433	1	Bolt

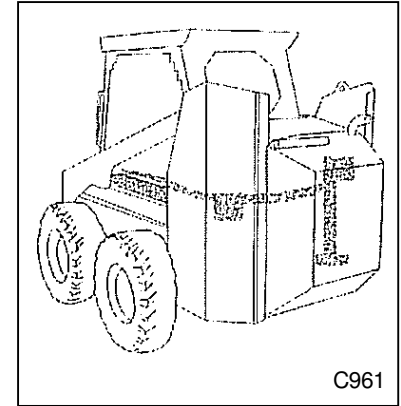
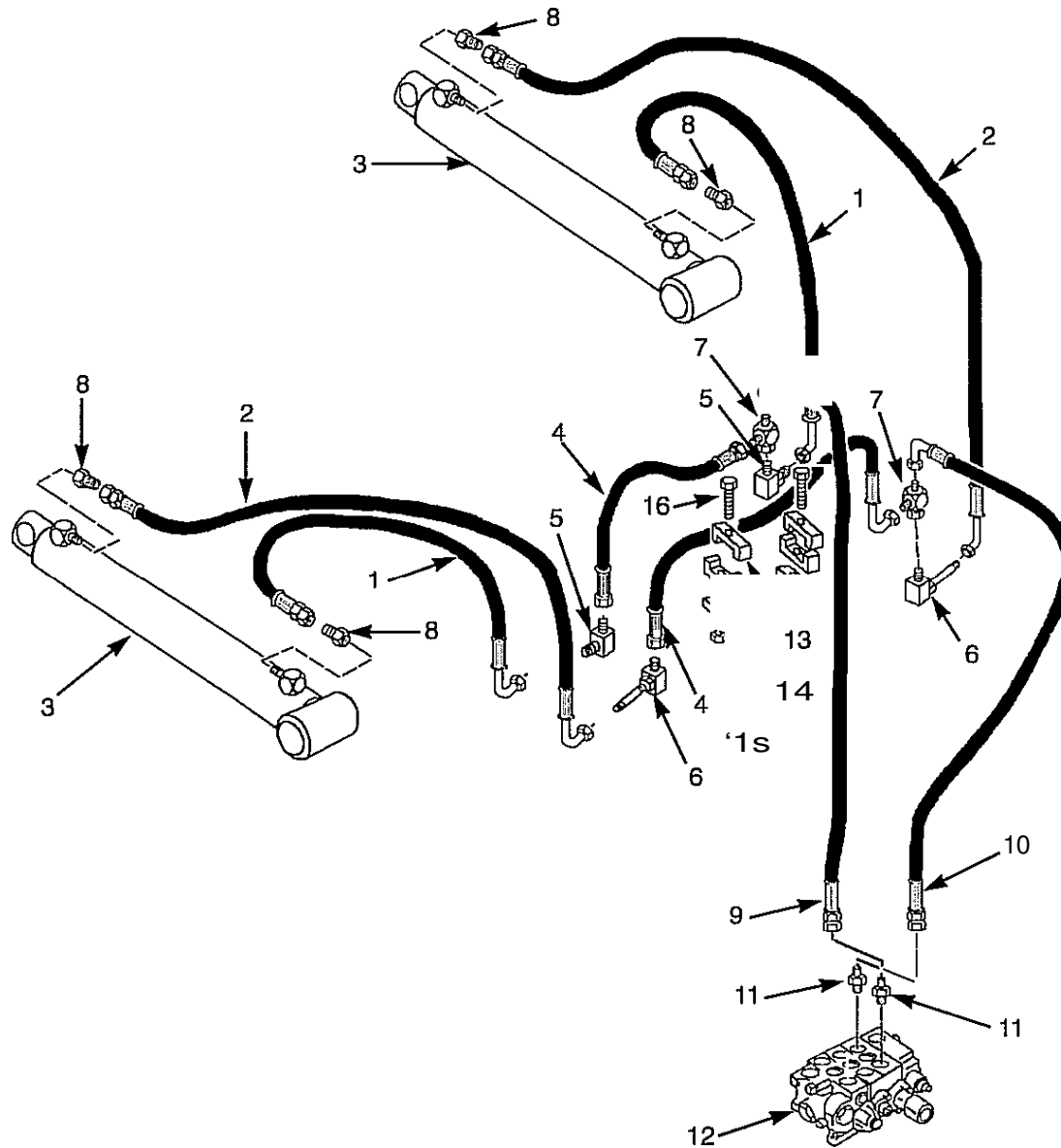
C1842



ITEM	PART	QTV	DESCRIPTION
1.	35243	2	Filter element
2.	38587	1	Main hydraulic oil tiller (includes #1)
3.	962267	1	Hose, filter outlet to oil cooler bottom port
4.	33850	2	Elbow, 90°
5.	14866	2	Elbow, 90°
6.	962270	1	Hose, fan motor out to charge filter inlet
7.	962271	1	Hose, charge filter outlet to tandem
8.	961748	1	Hose, control valve outlet to filter inlet
9.	1193	8	Bolt
10.	1642	8	Lock washer
11.	1643	8	Flat washer
12.	42556	1	Charge hydraulic oil filter (includes #1)
13.	43539	1	Hi-flow filter (includes #14, #15)
14.	43540	1	Filter head
15.	43541	1	Filter element
16.	962352	1	Hose, valve port 'T' to filter inlet

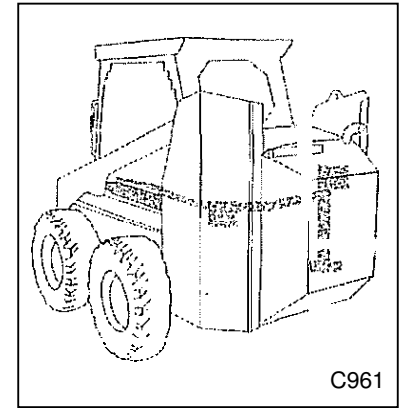
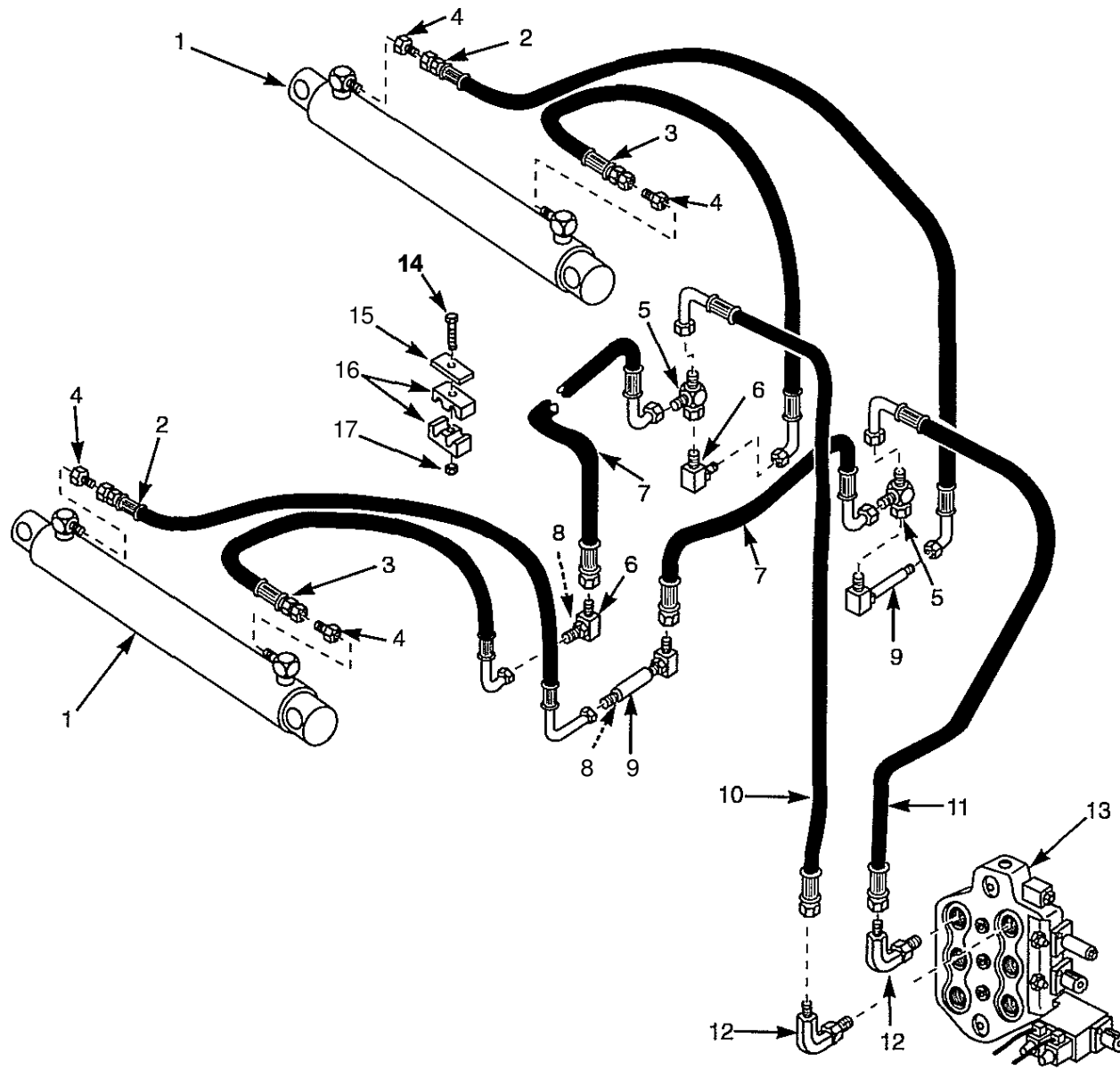


ITEM	PART	QTY	DEsCRPTION
1.	42725	1	Oil cooler assembly (with motor)
2.	962272	1	Hose, engine flywheel end to cooler (90°)
3.	962267	1	Hose, Filter outlet to cooler bottom port
4.	962268	1	Hose, Cooler top outlet to tank
5.	962273	1	Hose, Cooler outlet (center) to engine
6.	961904	1	Hose, fan motor drain to cooler
7.	42158	1	Clip, tie strap
8.	43495	1	Fan
9.	42293	1	Elbow, 90° (to engine, not shown)
10.	962270	1	Hose, fan motor out to charge filter inlet
11.	14866	1	Elbow, 90°
12.	42709	1	Motor, 23 cc (standard)
12.	42788	1	Motor, 19 cc (faster fan speed)
13.	30266	1	Connector, straight
14.	962269	1	Hose, gear pump to fan motor inlet
15.	25011	1	Elbow, 90°
16.	41149	1	Foam sealing ring
17.	810	6.33	Strap

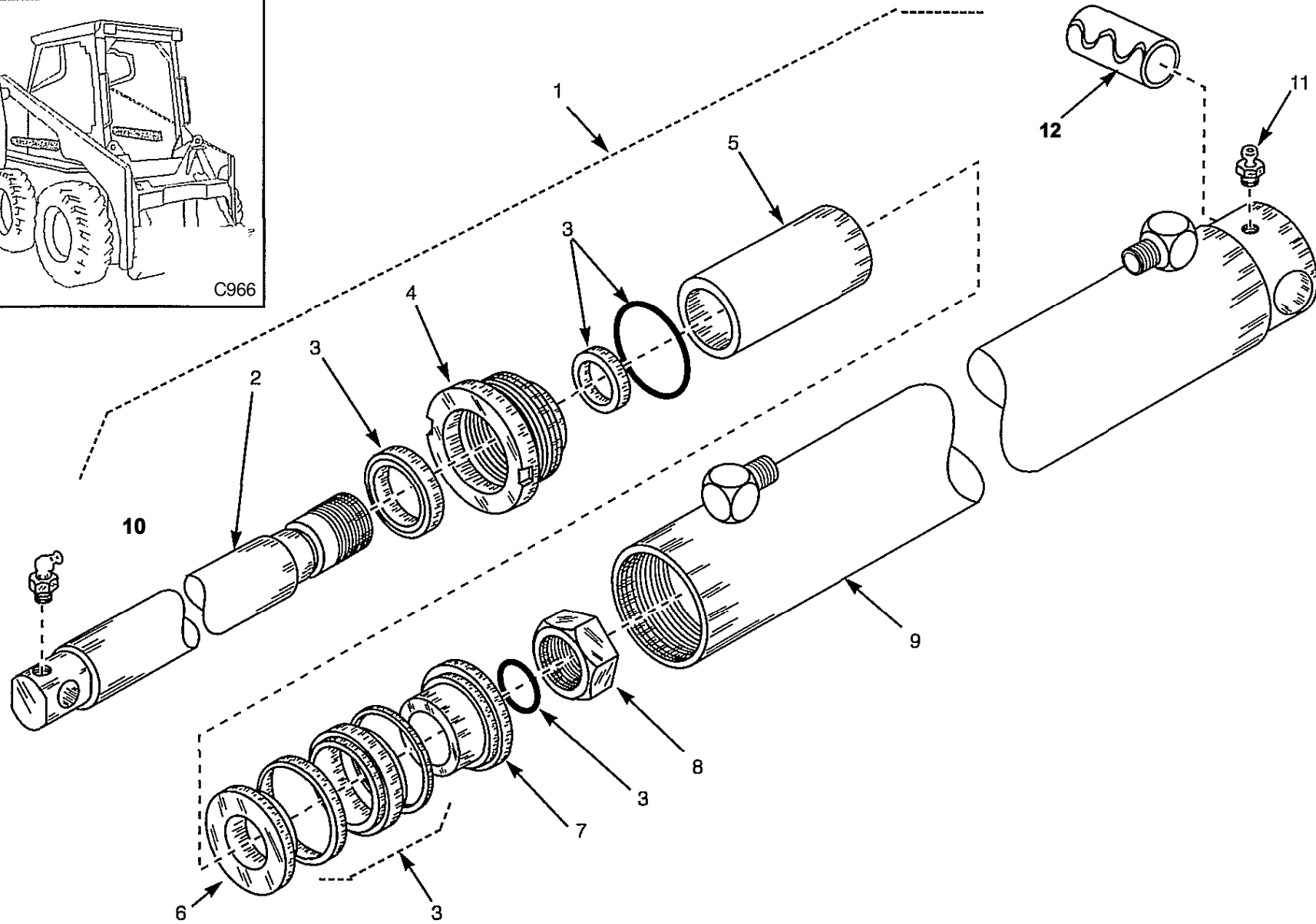
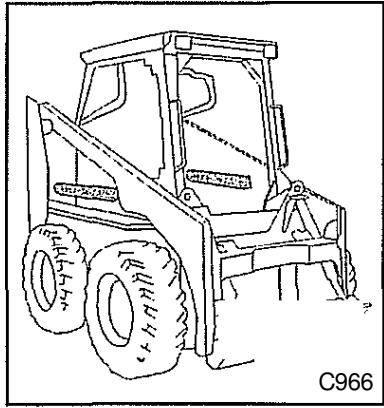


C961

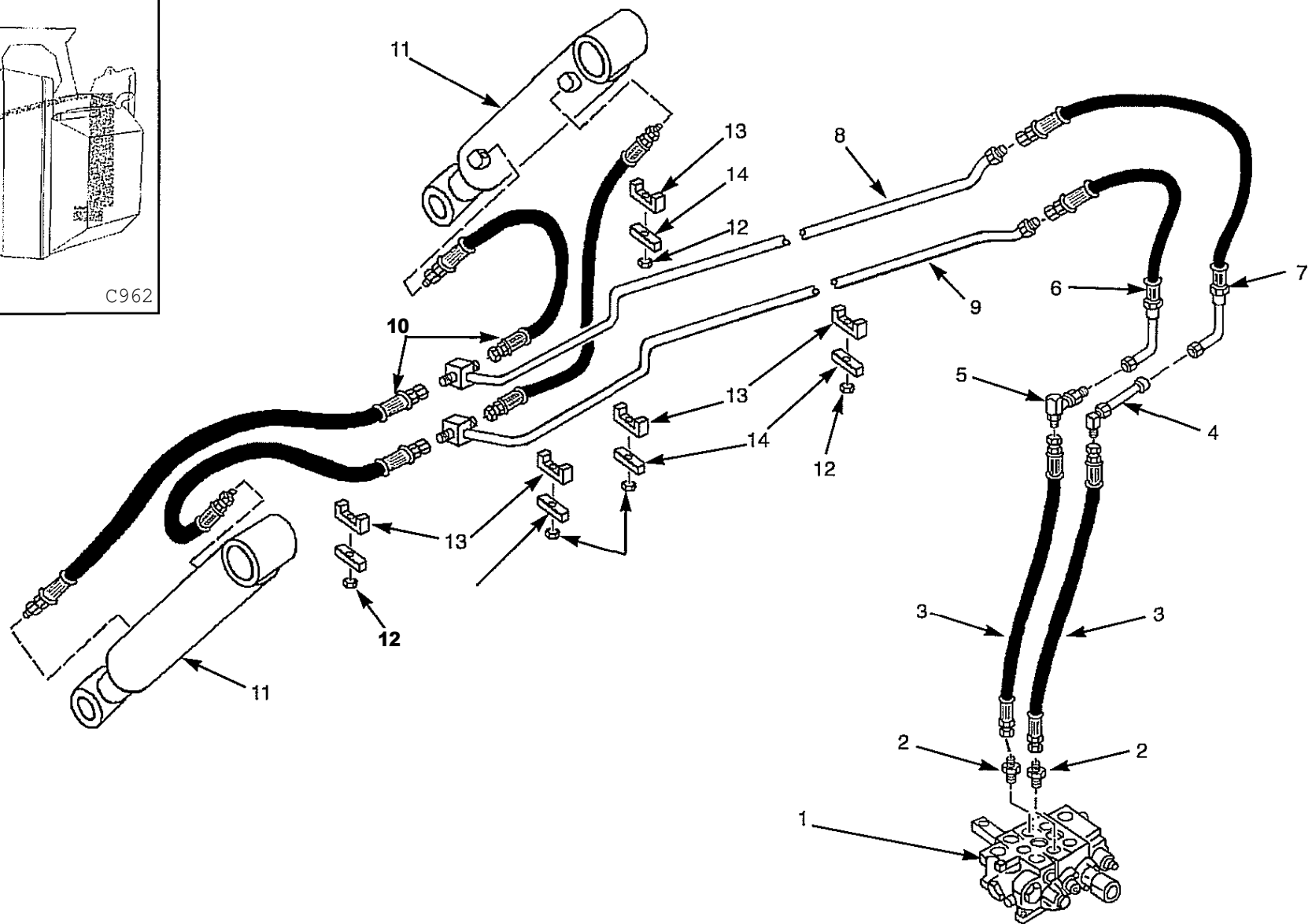
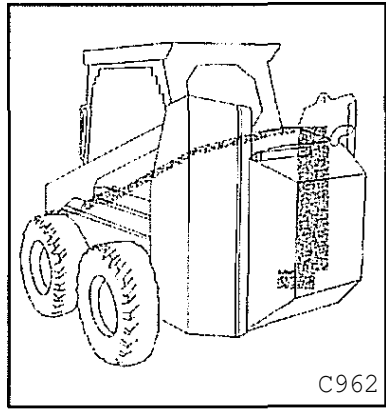
ITEM	PART	QTY	DESCRIPTION
1.	959631	2	Hose, rear lift port to front bulkhead
2.	959630	2	Hose, front lift port to rear bulkhead
9	...	2	Lift cylinder, see section 4.5
4.	961744	2	Hose, bulkhead to bulkhead
5.	33831	2	Elbow, 90°, short bulkhead connector
6.	36336	2	Elbow, 90°, long bulkhead connector
"	43903	4	Star washer (not shown)
7.	42322	2	Tee
8.	29438	4	Connector, straight
9.	961766		Hose, valve rear port to front bulkhead
10.	961770	1	Hose, valve front port to rear bulkhead
11.	19226	2	Connector, straight
12.	***	1	Control valve, see section 4.9
13.	43033	4	Clamp
14.	38472	2	Cover plate for clamp
15.	16771	2	Lock nut
16.	10494	2	Bolt



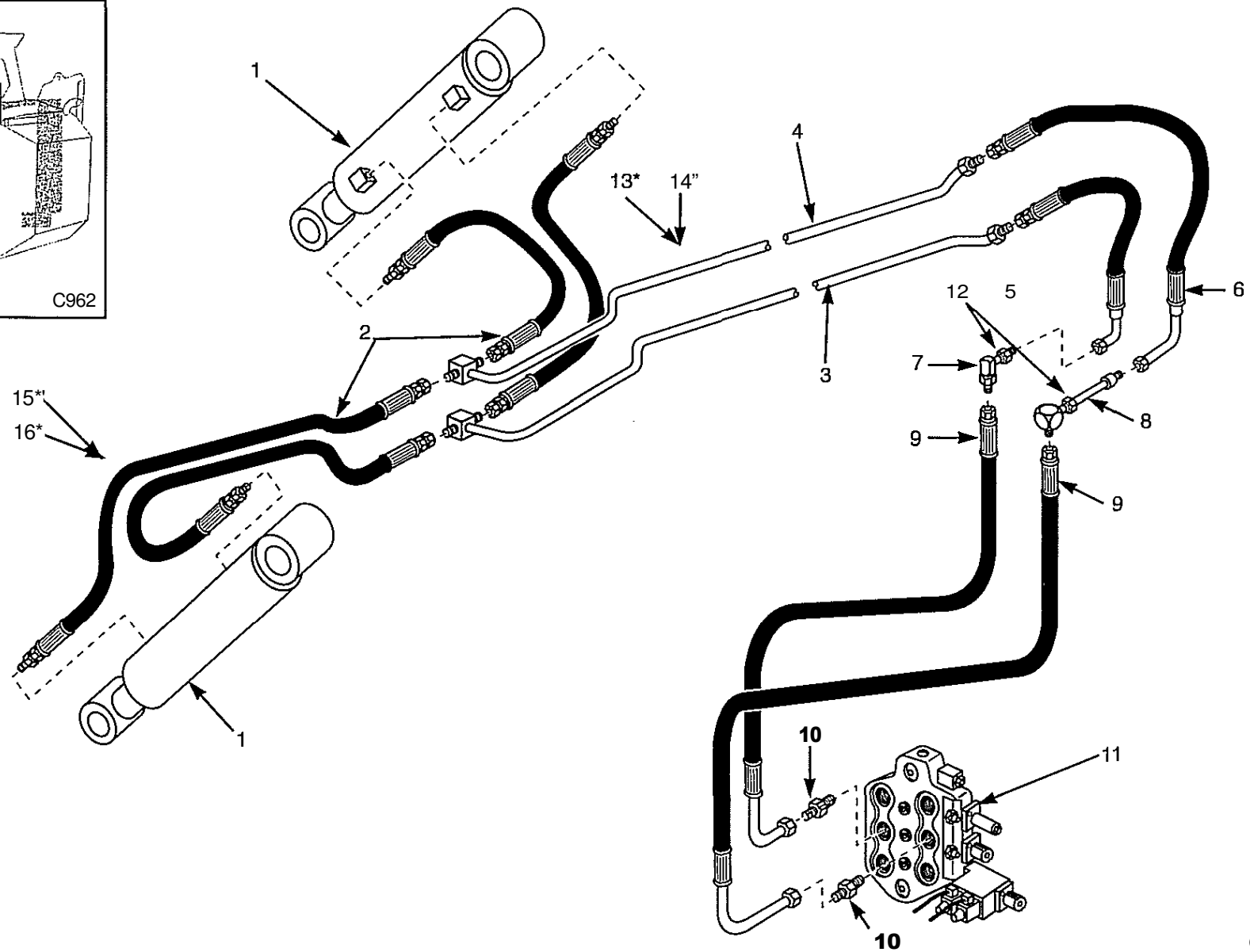
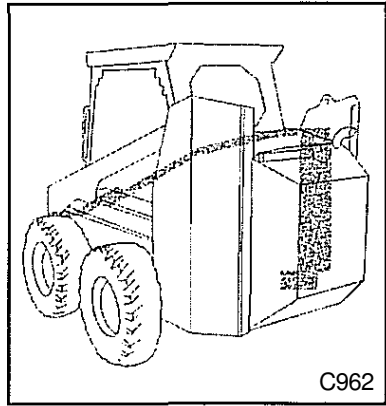
ITEM	PART	QTY	DESCRIPTION
1.	*233	2	Lift cylinder, see section 4.5
2.	959630	2	Hose, lift cylinder front port to rear bulkhead (to S / N LM001171)
2.	962903	2	Hose, lift cylinder front port to rear bulkhead (S / N LM001172 onward)
3.	959631	2	Hose, lift cylinder rear port to front bulkhead (to S / N LM001171)
3.	96Z904	2	Hose, lift cylinder rear port to front bulkhead (S / N LM001172 onward)
4.	29438	4	Connector, to S / N LM001171
5.	42322	2	Tee
6.	33831	2	Elbow, 90°, short bulkhead connector
7.	961774	2	Hose, bulkhead to bulkhead
8.	43903	4	Star washer (not shown)
9.	36336	2	Elbow, 90°, long bulkhead connector
10.	961770	1	Hose, valve rear port to front bulkhead
11.	961766	1	Hose, valve front port to rear bulkhead
12.	19232	2	Elbow, 90°
13.	***	1	Control valve, see section 4.9
14.	10494	2	Bolt
15.	38472	2	Cover plate
16.	43033	4	Clamp
17.	16771	2	Lock nut



ITEM	PART	QTY	DESCRIPTION
1.	29689	1	Lift cylinder, (NPT ports) pair required, to S / N LM001171
1.	43771	1	Lift cylinder, (JIC ports) pair required, S / N LM001172 onward, also LM001170
2.	29856	1	Rod, 2" dia., to S / N LMO01171
3.	29878	1	Seal kit, to S / N LM001171
3.	44570	1	Seal kit, S / N LM001172 onward, also LM001170
4.	30026	1	Cap, cylinder end, to S / N LM001171
5.	30236	1	Spacer
6.	2986J	1	Piston, part "B", 0.375" long, to S / N LM001171
7.	29862	1	Piston, part "A", 1.313" long, to S / N LM001171
8.	29896	1	Lock nut
9.	29855	1	Tube, cylinder barrel, to S / N LM001171
10.	35451	1	Grease fitting, 90°
11.	2010	1	Grease fitting, straight
12.	43632	1	Hardened bushing, S / N LM001172 onward, also LM001170

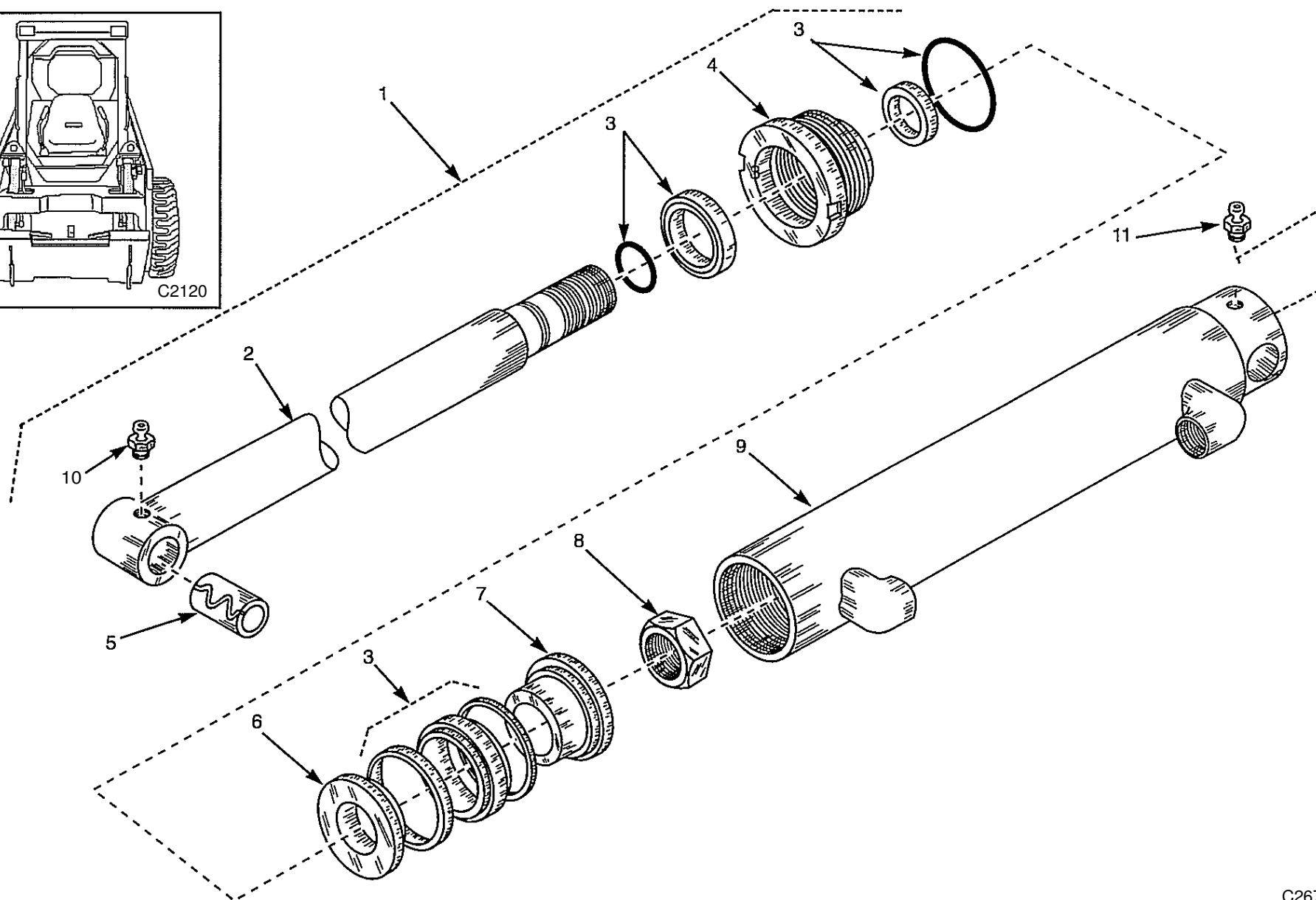
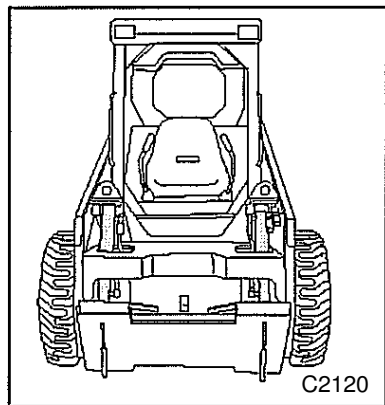


ITEM	PART	QTY	DESCRIPTION
1.	** ₄₀₃	1	Control valve, see section 4.9
2.	19226	2	Connector
3.	961733	2	Hose, valve port to bulkhead
4.	43536	1	Bulkhead connector, long 9D°
5.	33831	1	Bulkhead connector, short 90°
*	43903	2	Star washer, not shown (if used)
6.	961761	1	Hose, front bulkhead to inside tube
7.	961760	1	Hose, rear bulkhead to outside tube
8.	43570	1	Tube, outside tilt
9.	42091	1	Tube, inside tilt
10.	96J499	4	Hose, cylinder to tube
11	** _*	2	Tilt cylinder, see section 4.7
12.	16771	4	Lock nut
13.	38303	4	Clamp
14.	38472	4	Cover plate for clamp

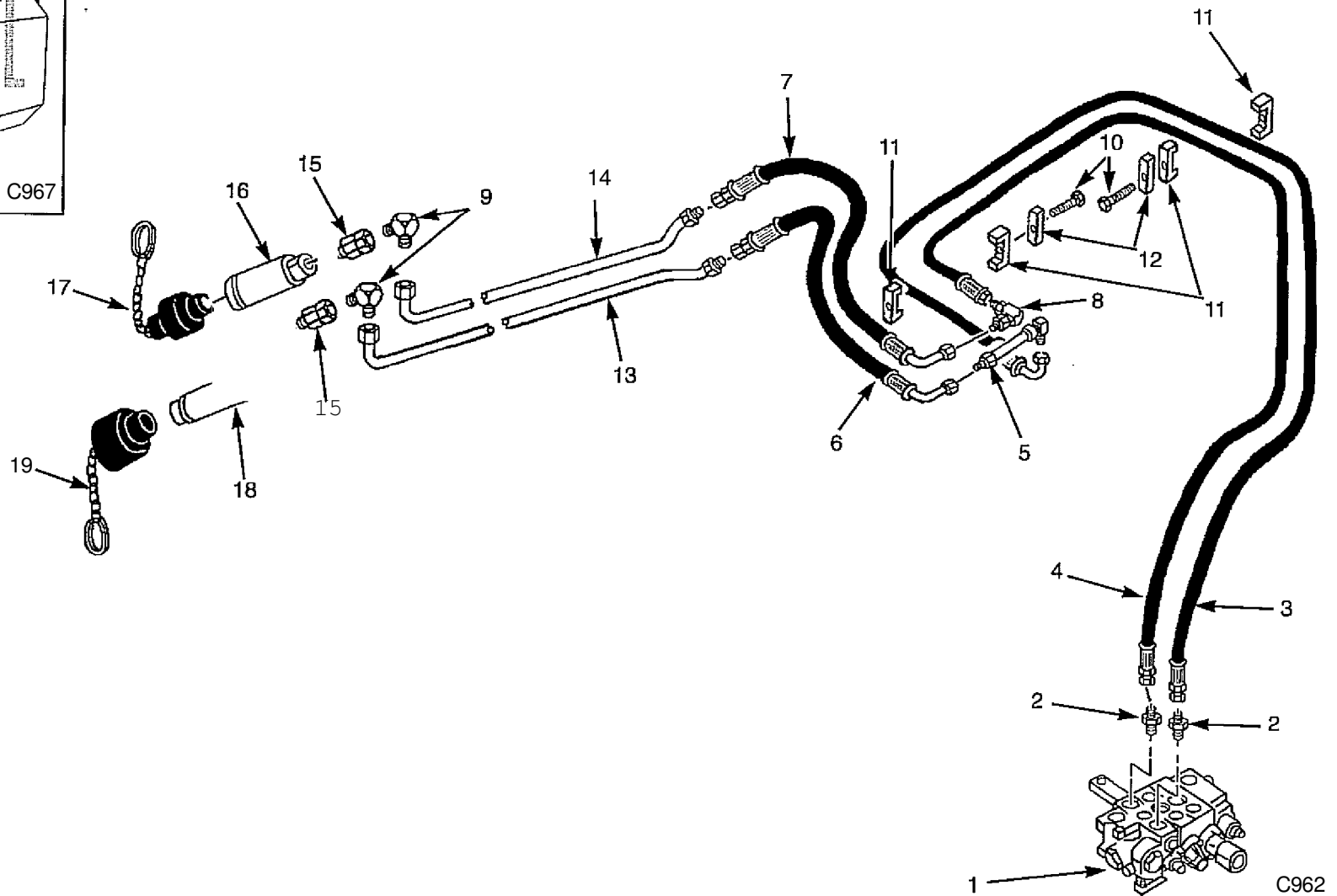
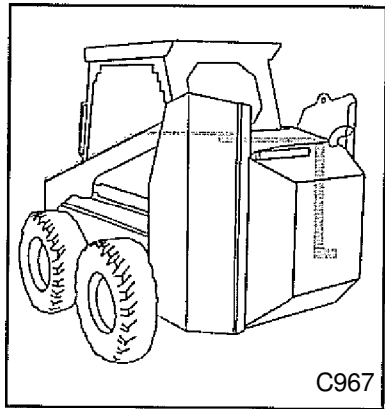


ITEM	PART	QTY	DESCRIPTION
1.	""""	2	Tilt cylinder, see section 4.7
2.	961499	4	Hose, tilt cylinder to tube
3.	42091	1	Tube, inside tilt
4.	43570	1	Tube, outside tilt
5.	961761	1	Hose, front bulkhead to inside tube
6.	961760	1	Hose, rear bulkhead to outside tube
7.	33831	1	Bulkhead connector, short 90°
8.	43536	1	Bulkhead connector, long 90°
9.	962753	2	Hose, control valve to bulkhead
10.	19226	2	Connector
11.	***	1	Control valve, see section 4.9
12.	43903	2	Star washer
13".	38303	4	Clamp, tubing
14*.	38472	4	Cover, for 38303 clamp
15".	42061	4	Clamp, tilt hoses
16".	42076	4	Cover, for 42061 clamp

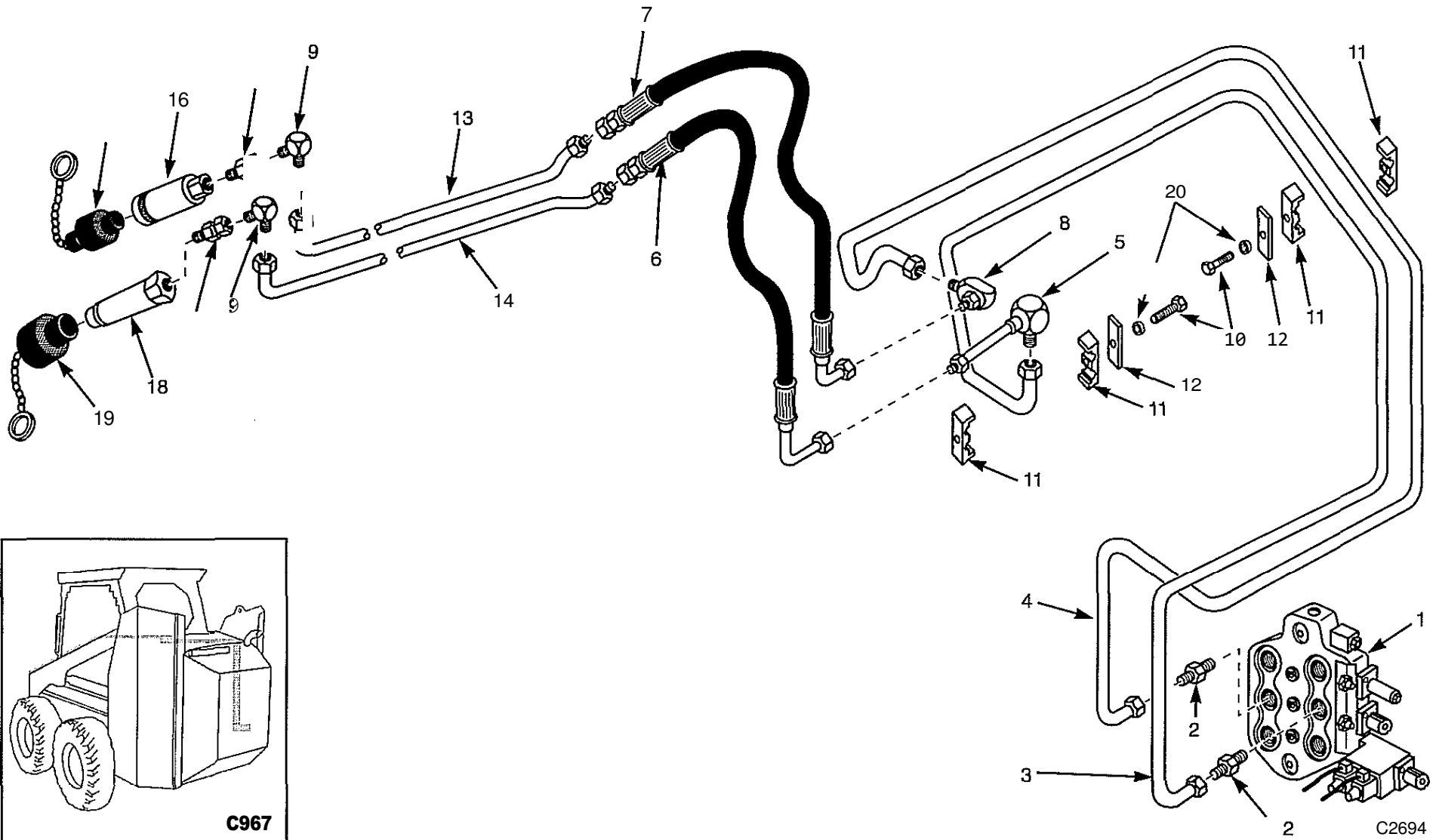
* Items not shown



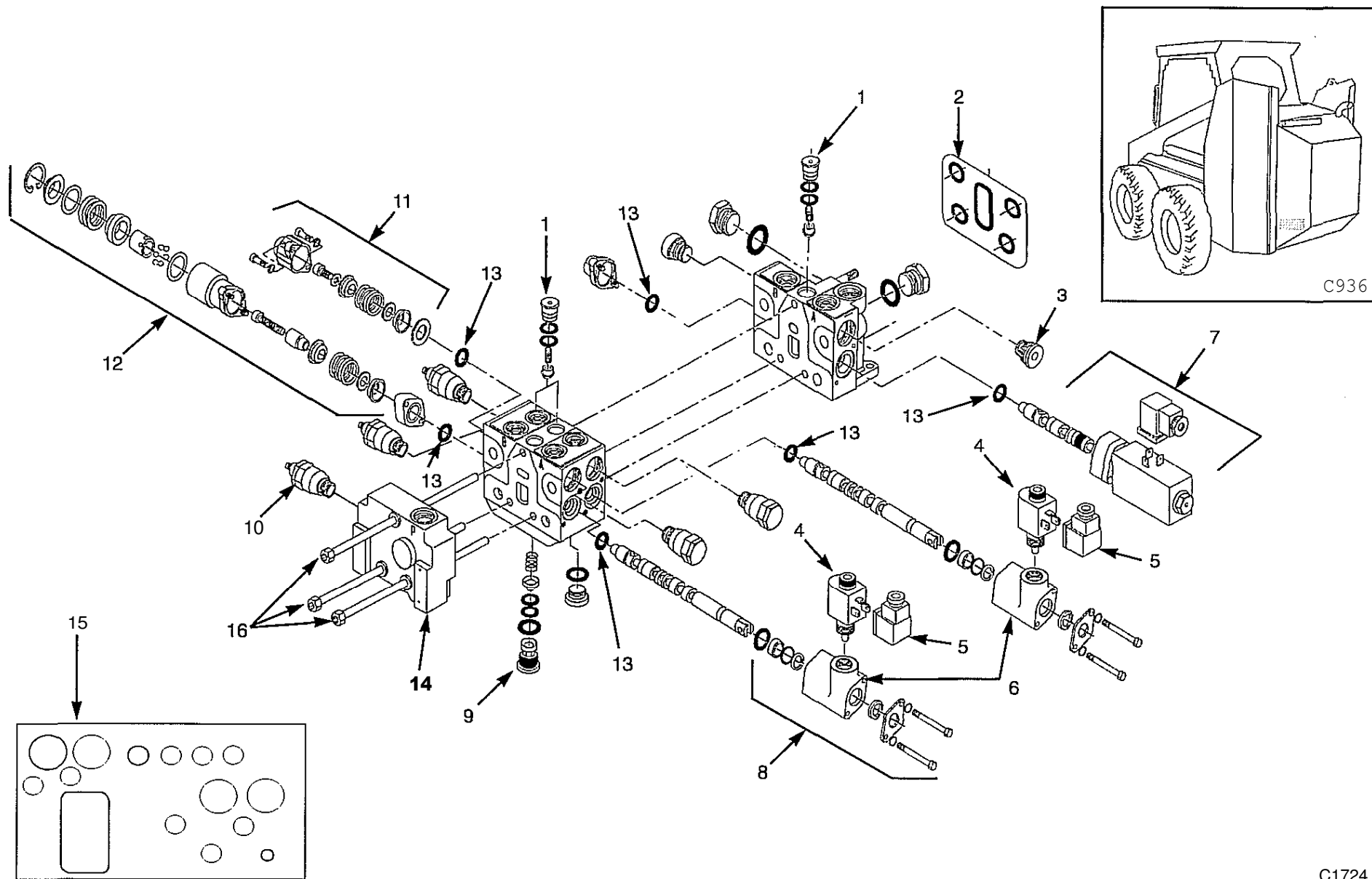
ITEM	PART	QTY	DESCRIPTION
1.	33153	1	Tilt cylinder (pair required)
2.	42850	1	Rod, 1.5" diameter
3.	32511	1	Seal kit
4.	33868	1	Cap, cylinder end
5.	30641	1	Hardened bushing
6.	29861	1	Piston, part "B" 0.375" long
7.	42851	1	Piston, part "C" 1.312" long
8.	6297	1	Lock nut
9.	33155	1	Tube, cylinder barrel, 3" I.D.
10.	2010	1	Grease fitting, straight
11.	35451	1	Grease fitting, 90-°



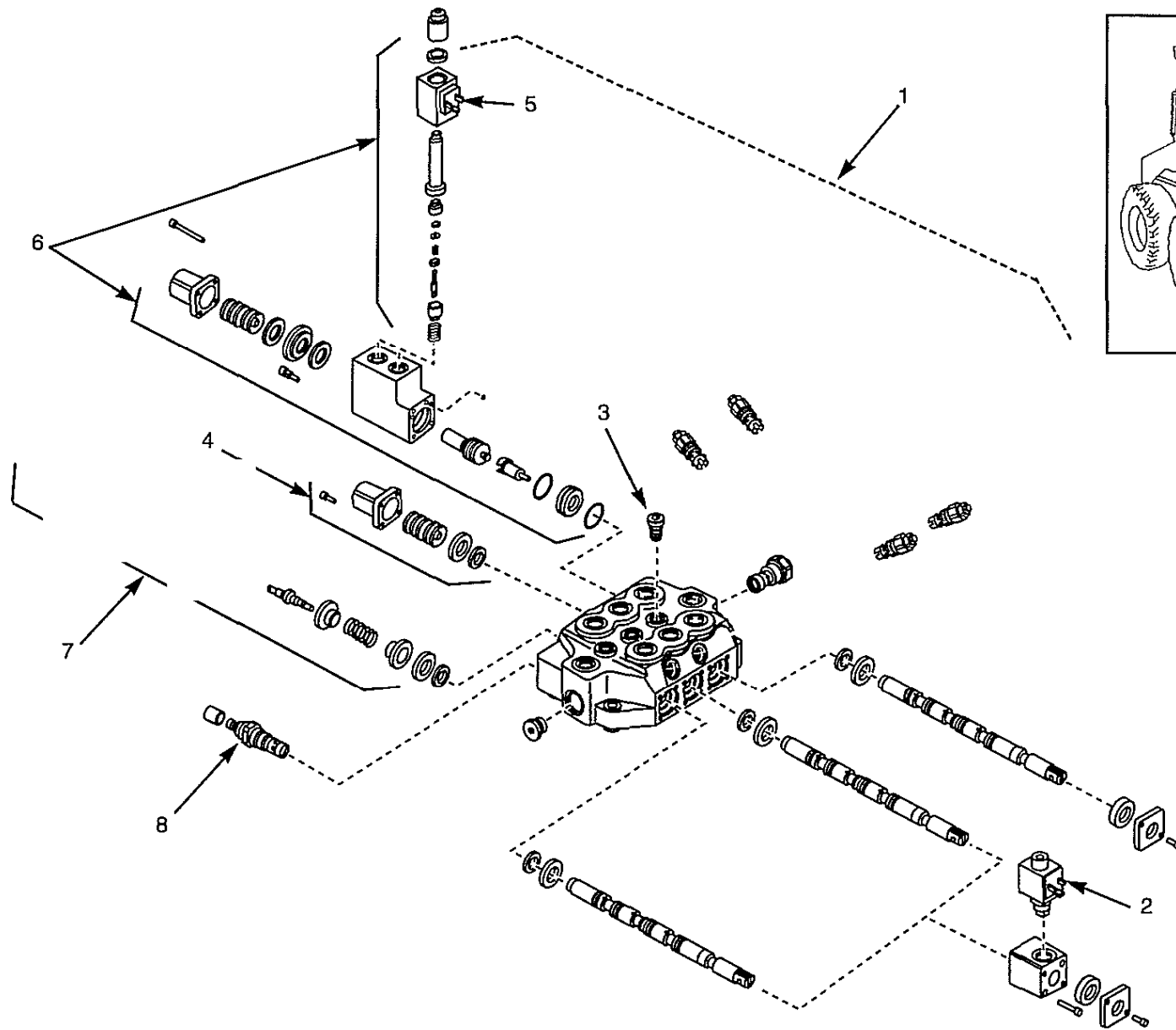
ITEM	PART	QTY	DESCRIPTION
1.	****	1	Control valve, see section 4.9
2.	19226	2	Connector, straight
3.	961772	1	Hose, valve port to rear bulkhead
4.	961771	1	Hose, valve port to front bulkhead
5.	43536	2	Bulkhead connector, long 90°
*	43903	2	Internal star washer (used on bulkheads)
6.	961760	1	Hose, outside to rear bulkhead
7.	961761	1	Hose, inside to front bulkhead
8.	33831	1	Bulkhead connector, 90°
9.	22280	2	Elbow, 90°
10.	15433	2	Bolt
11.	43033	2	Clamp
12.	38472	2	Cover for clamp
13.	42089	1	Tube, Inside auxiliary
14.	43571	1	Tube, Outside auxiliary
15.	29437	2	Bulkhead connector, straight
16.	6608	1	female quick coupler
17.	7124	1	Plug for female quick coupler
18.	1803	1	Male quick coupler
19.	7667	1	Cap for male quick coupler



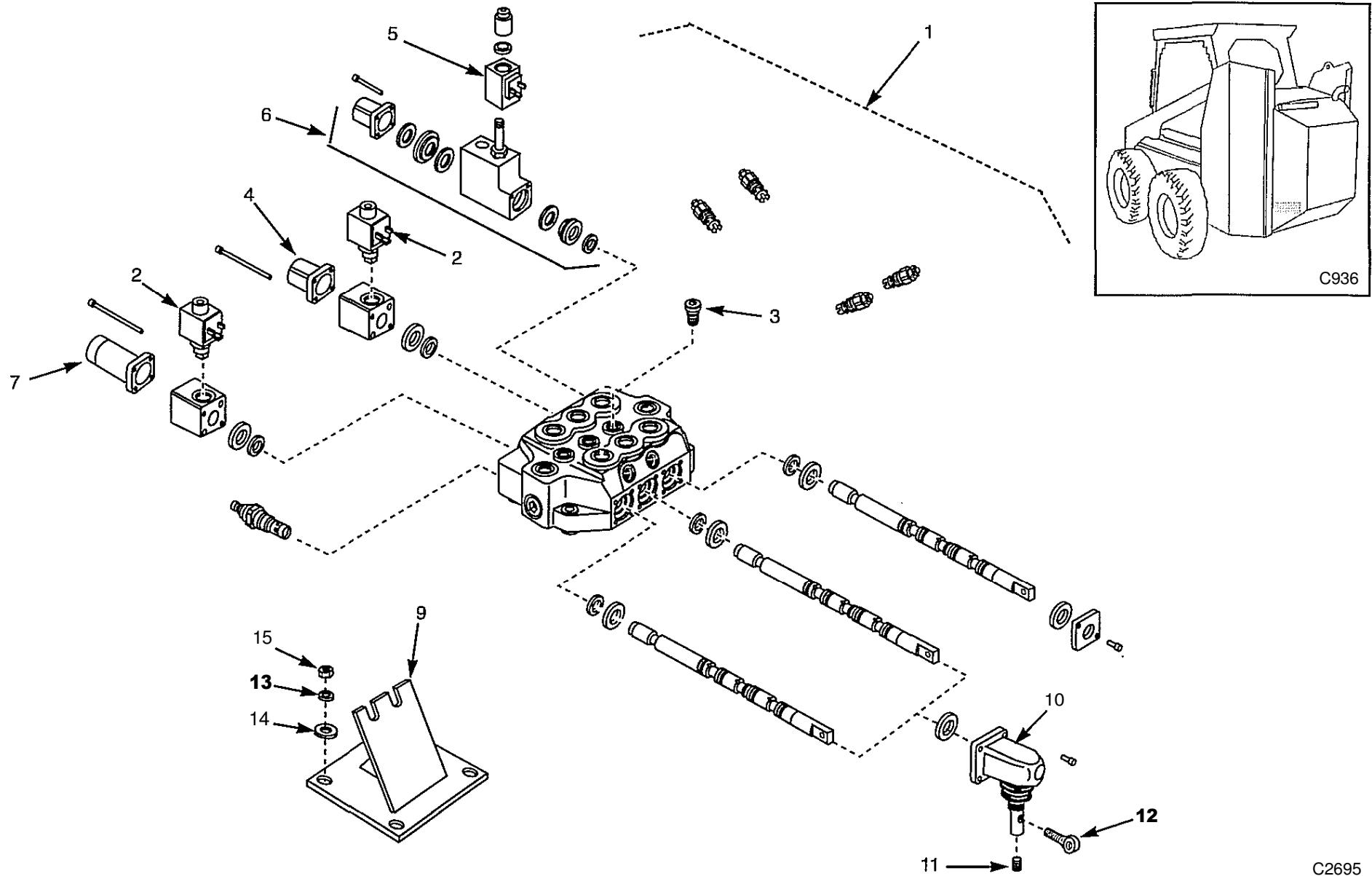
ITENI	PART	QTY	DESCRIPTION
1.	****	1	Control valve, see section 4.9
2.	19226	2	Connector, straight
3.	44379	1	Tube, valve rear port to rear bulkhead
4.	44380	1	Tube, valve front port to front bulkhead
5.	43536	2	Bulkhead connector, long 90°
*	43903	2	Internal star washer (used on bulkheads)
6.	961760	1	Hose, outside to rear bulkhead
7.	961761	1	Hose, inside to front bulkhead
8.	33831	1	Bulkhead connector, 90°
9.	22280	2	Elbow, 90°
10.	1678	2	Bolt
11.	38303	4	Clamp
12.	38472	£	Cover for clamp
13.	42089	1	Tube, Inside auxiliary
14.	43571	1	Tube, Outside auxiliary
15.	29437	2	Bulkhead connector, straight
16.	6608	1	female quick coupler
17.	7124	1	Plug for female quick coupler
18.	1803	1	Male quick coupler
19.	7667	1	Cap for male quick coupler
20.	1870	2	Lock washer



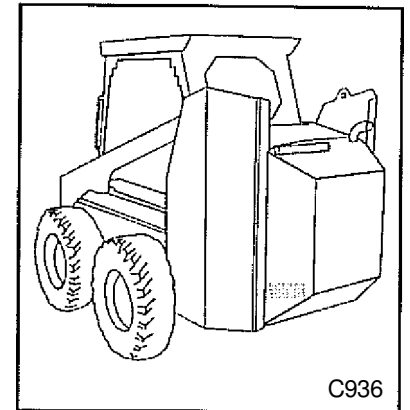
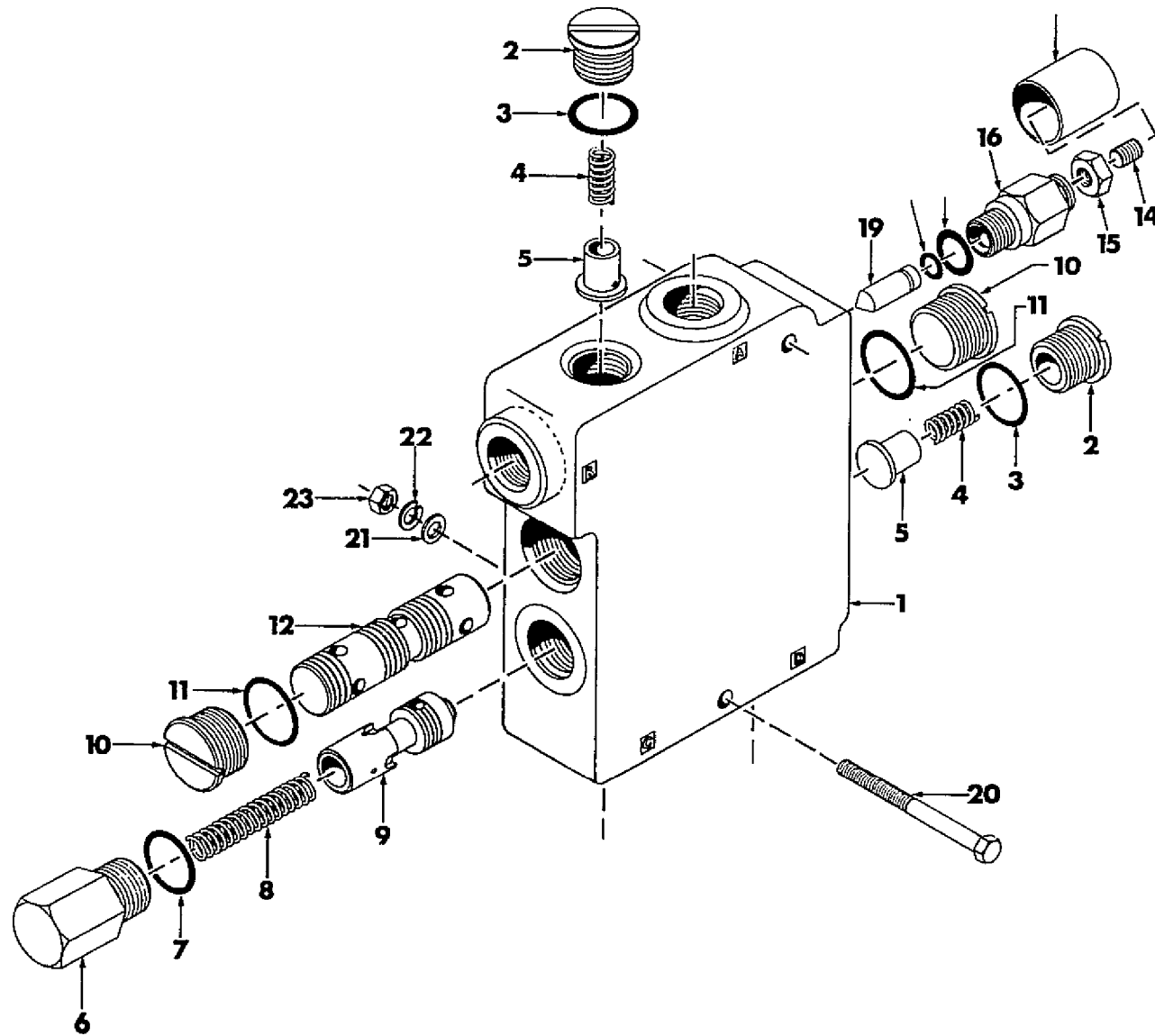
ITEM	PART	QTY	DESCRIPTION
**.	43579	1	Control valve complete, Salami brand
1.	36651	3	Check valve
2.	36649	each	Section seal kit
3.	36659	1	Anti cavitation valve
4.	38614	2	Coil, lock solenoid
5.	38615	1	Connector plug
6.	38621	2	Block, valve lock
7.	36660	1	Solenoid assembly
8.	38611	2	Valve spool lock assembly
9.	36653	1	Special check valve
10.	37595	1	Main relief valve
11.	41155	1	Centering kit, tilt spool
12.	43154	1	Centering / detent kit, lift spool
13.	36650	3	O-ring kit, valve spool
14.	36643	1	Inlet section
15.	43150	1	Seal kit complete
16.	036648	1	Tie bolt kit



ITEM	PART	QTY	DESCRIPTION
1.	44271	1	Control valve assembly
2.	43724	2	Coil, lock solenoid
3.	43722	3	Check valve
4.	43729	1	Kit, spring return kit, tilt
5.	43723	2	Coil, auxiliary solenoid
6.	43814	1	Auxiliary control with coils
7.		1	Kit, spring return / detent kit, lift
8.		1	Main relief valve
*	43812	1	Seal kit
"	962898	1	Control cable mount, not shown



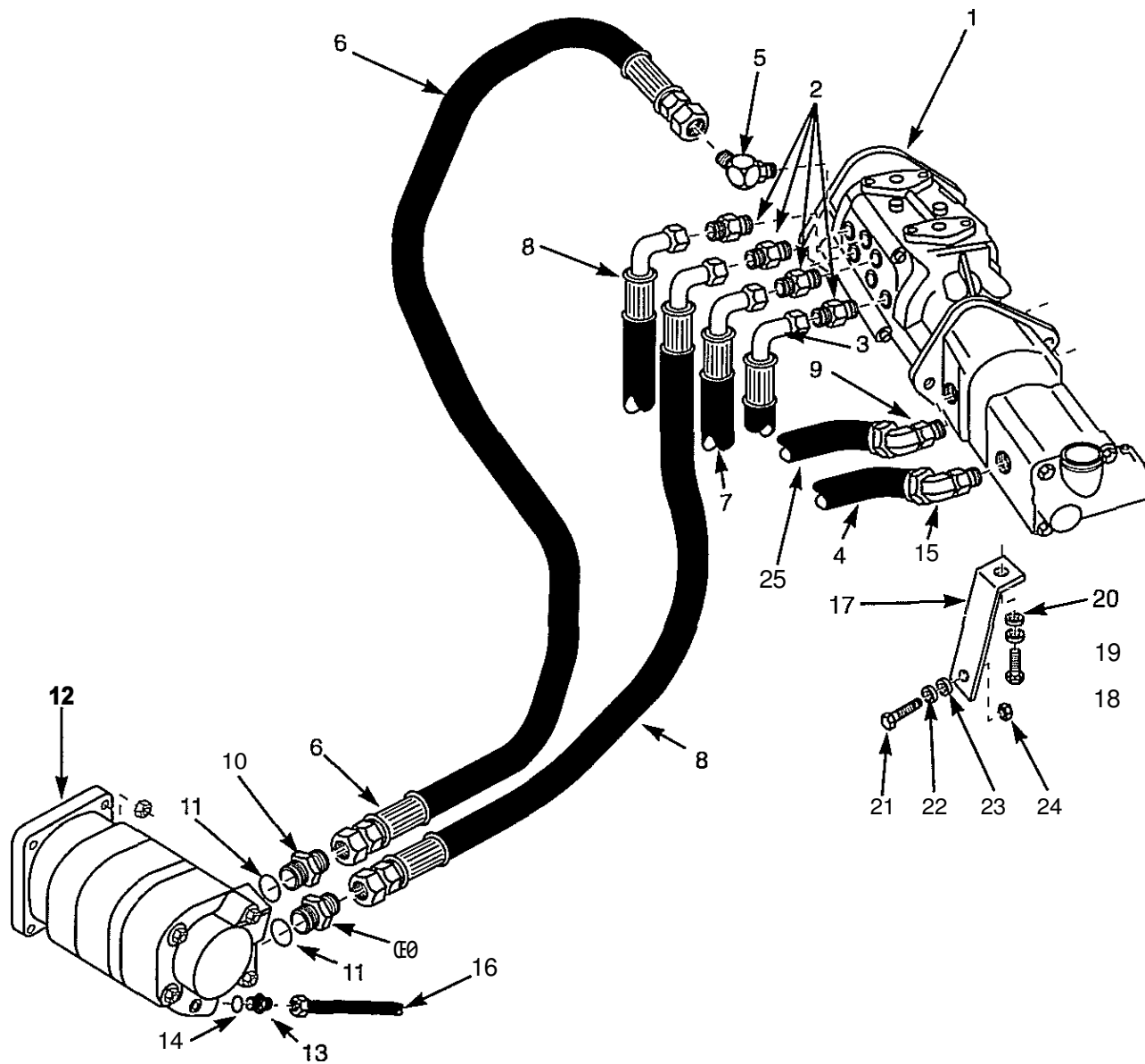
ITEM	PART	QTY	DESCRIPTION
1.	44617	1	Control valve, hand operated electric auxiliary
2.	43724	2	Coil, lock solenoid
3.	43722	3	Check valve
4.		1	Kit, spring return, tilt
5.	43723	2	Coil, auxiliary solenoid
6.	43814	1	Auxiliary control with coils
7.	43728	1	Kit, spring return / detent, lift
8.	43721	1	Main relief valve
9.	962895	1	Cable mount
10.	044935	2	Control box
11.	44473	2	Set screw
12.	44299	2	Control box linkage
13.	1870	4	Lock washer
14.	1651	4	Flat washer
15.	1870	4	Nut
*	43812	1	Seal kit



C936

ITEM	PART	QTY	DESCRIPTION
*	26549	1	Self level valve assembly
1.	29368	1	Valve body
2.	29369	1	Plug
3.	item 24	2	O - ring
4.	29370	2	Spring
5.	29371	2	Plunger
6.	29372	1	Plug
7.	item 24	1	O - ring
8.	29373	1	Spring
9.	NSP	1	Spool
10.	29375	2	Plug
11.	item 24	2	O - ring
12.	NSP	1	Spool
13.	29377	1	Cover
14.	29346	1	Set screw
15.	29345	1	Nut
16.	29378	1	Adjuster cap
17.	item 24	1	O - ring
18.	item 24	1	O - ring
19.	29379	1	Pin
20.	26081	2	Bolt
21.	17441	2	Lock washer
22.	17438	2	Flat washer
23.	24615	2	Nut
24.	29382	1	Seal kit
*	959832	1	Self level valve mount (not shown)

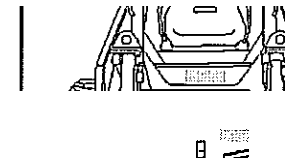
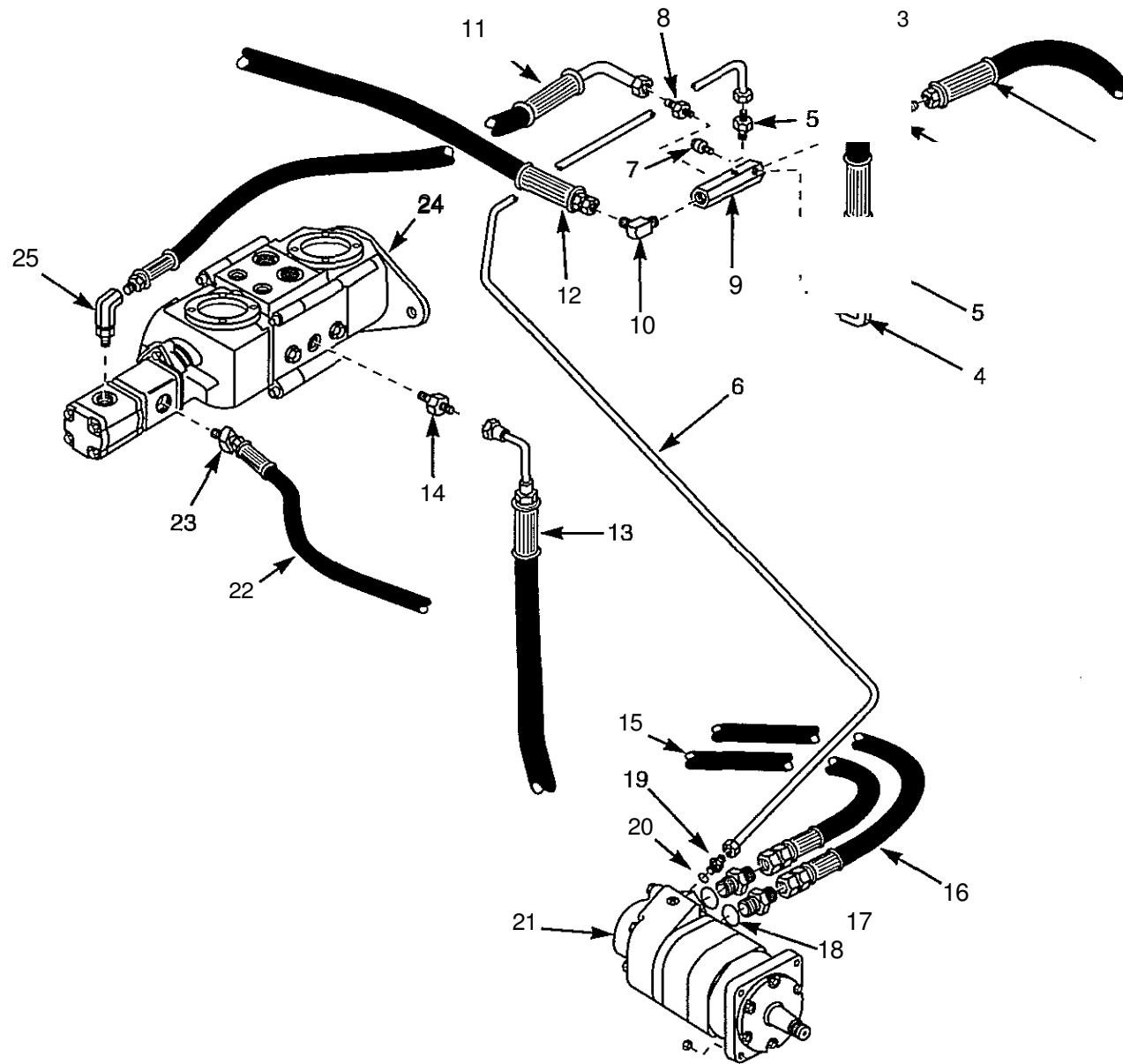
Hydrostatic Drive Circuit (RH)	5.1
Hydrostatic Drive Circuit (LH).....	5.2
Hydrostatic Pump	5.3
Torque Motor	5.4



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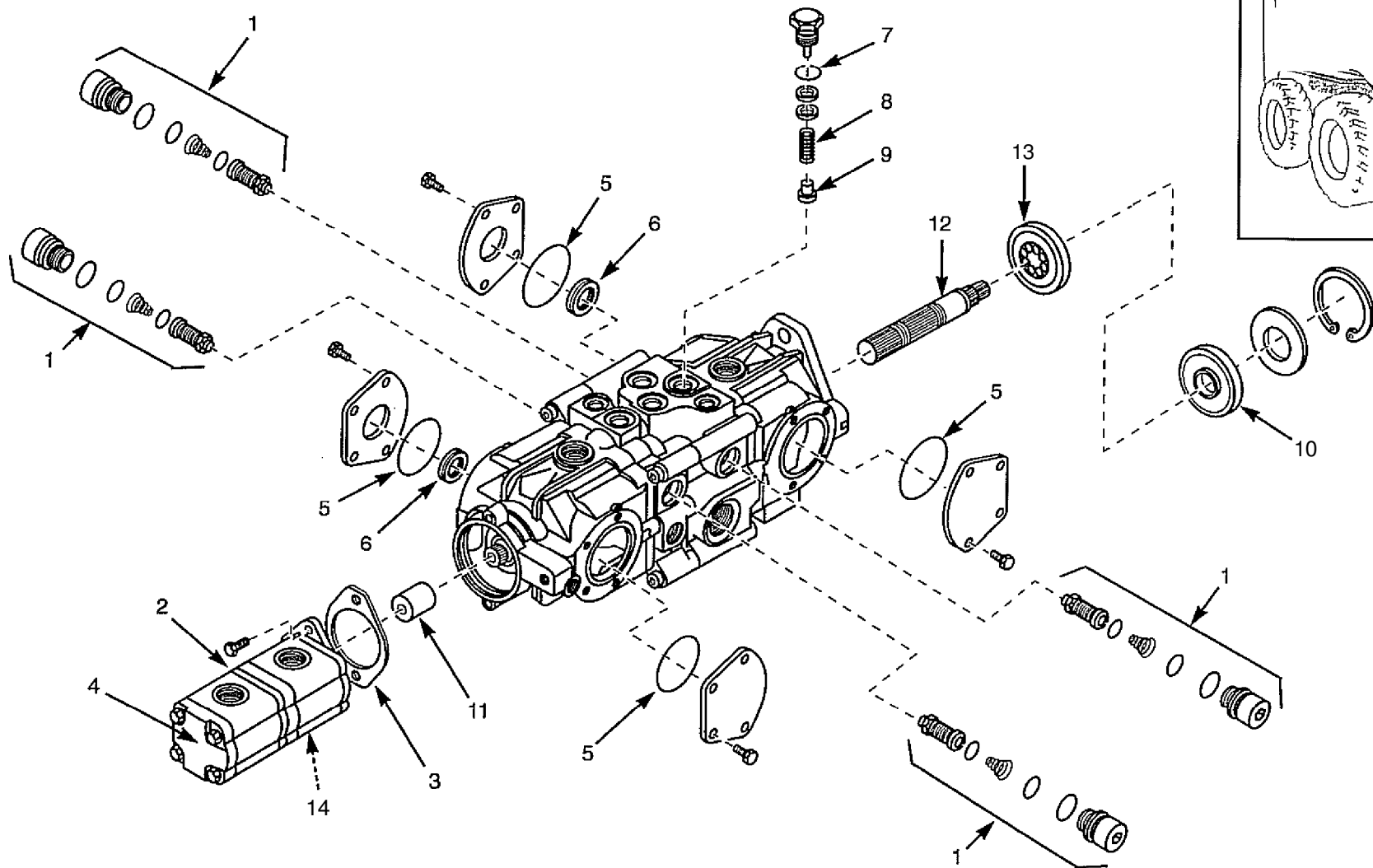
C2122

ITEM	PART	QTY	DESCRIPTION
1.	""	1	Tandem pump, see section 5.3
2.	14867	4	Connector
3.	961755	1	Hose, case drain to manifold
4.	962269	1	Hose, gear pump to fan motor inlet
5.	14866	1	Elbow, 90°
6.	961765	1	Hose, bottom rear pump to top port motor
7.	961762	1	Hose, top front pump to bottom port motor (left hand side)
8.	961763	2	Hose, top rear pump to bottom port RH motor, and bottom front pump to top port LH motor
9.	19232	1	Elbow, 90°
10.	8104	12	Connector, includes #11
11.	23750	2	O-ring
12.	""	j	Drive motor, see section 5.4
13.	962520	1	Connector, with restrictor, includes #14
14.	23747	1	O-ring
15.	25011	1	Elbow, 90°
16.	957259	1	Hose, motor drain to manifold
17.	42368	1	Mounting bracket
18.	20856	1	Bolt
19.	20B61	1	Lock washer
20.	233B5	1	Flat washer
21.	11B7	1	Bolt
22.	1643	1	Flat washer
23.	1642	1	Lock washer
24.	1194	1	Nut
25.	961747	1	Hose, gear pump to control valve inlet

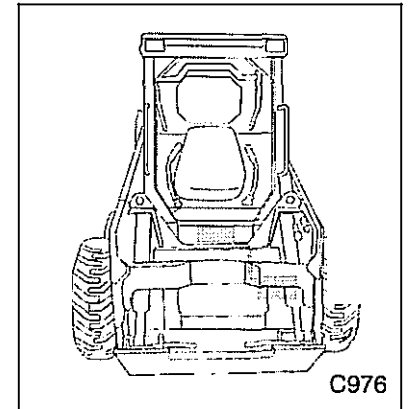
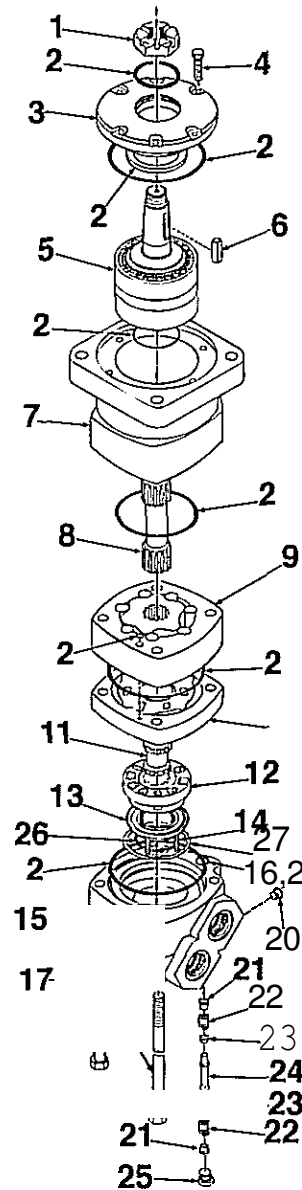


C2123

ITEM	PART	QTY	DESCRIPTION
1.	961756	1	Hose, manifold to tank return
2.	28994	1	Connector
3.	957259	1	Hose, RH motor drain to manifold
4.	1461	1	Elbow, 90°
5.	19242	2	Connector
6.	31341	1	Tube, drain line
7.	1457	1	Plug
8.	29438	1	Connector
9.	953603	1	Manifold
10.	19235	1	Elbow, 90°
11.	961754	1	Hose, gear pump relief to manifold
12.	961755	1	Hose, tandem case drain to manifold
13.	962271	1	Hose, charge filter out to tandem
14.	19233	1	Connector
15.	961763	2	Hose, top rear pump to bokom port RH motor, and bottom front pump to top port LH motor
16.	961762	1	Hose, top front pump to bottom port motor (left hand side)
17.	8104	2	Connector, inclMdes #18
18.	23750	2	O-ring
19.	962520	1	Connector, restrictor, includes item #20
20.	23747	1	O-ring
21.	***	1	Drive motor, see section 5.4
22.	962266	1	Hose, tank to gear pump inlet
23.	42325	1	Elbow, 45°
24.	**	1	Tandem pump, see section 5.3
25.	23388	1	Elbow, 90°



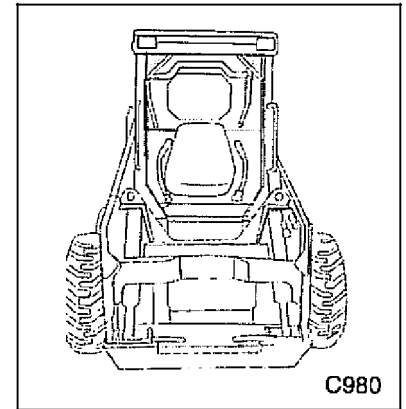
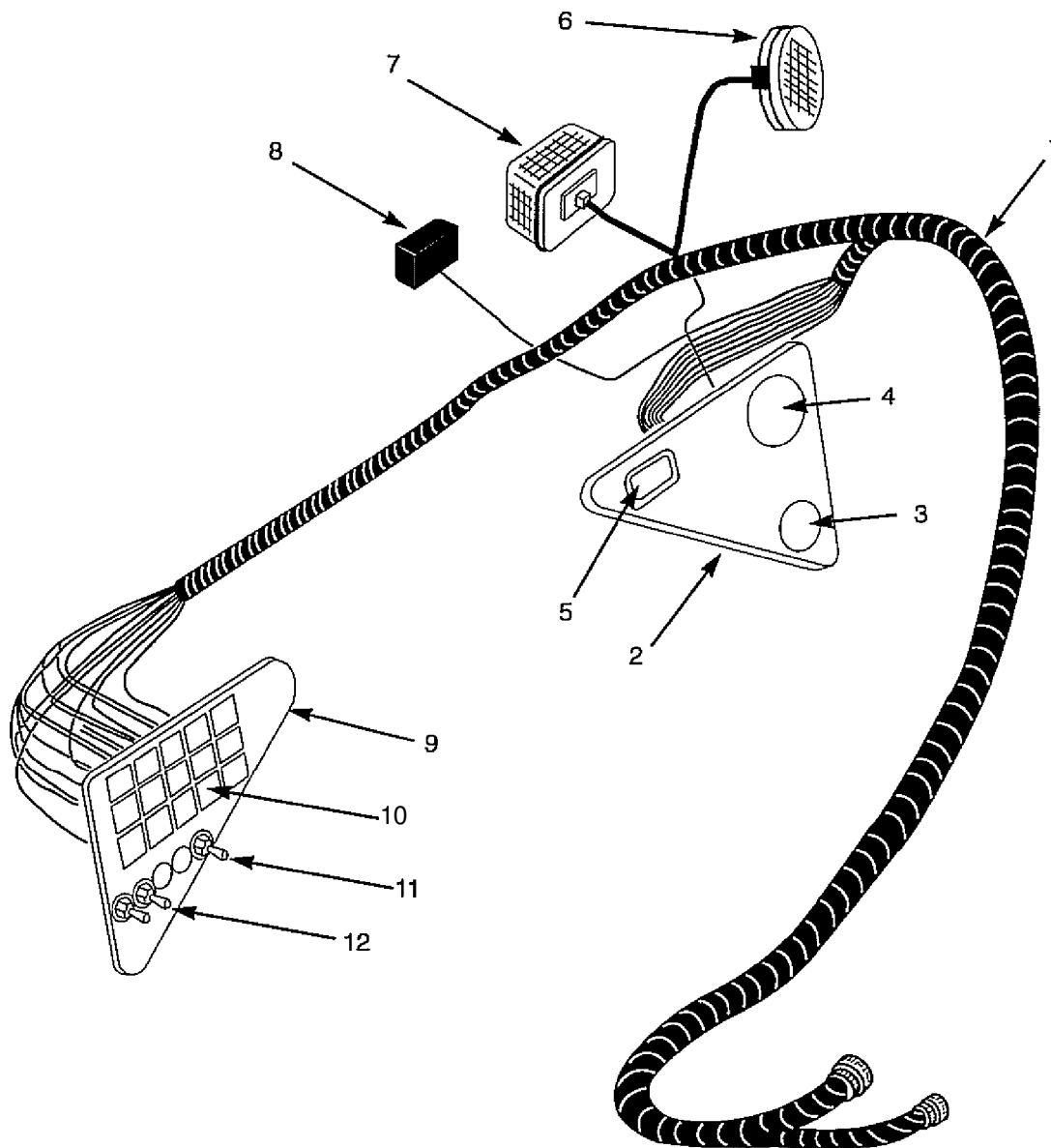
ITEM	PART	QTY	DESCRIPTION
"	42767	1	Complete tandem pump assembly
1.	42908	4	Relief valve, 325 bar
2.	42813	1	Gear pump assembly
3.	42812	1	Gasket
4.	42918	1	Relief valve, 0.093 bar
5.	43167	4	O-ring, swashplate cover
6.	43168	2	Seal, swashplate housing
7.	43166	1	O-ring, charge relief
8.	43164	1	Spring, charge relief
9.	43165	1	Valve, poppet, charge relief
10.	43169	1	Seal, input drive
11.	43170	1	Coupler, gear to tandem
12.	44279	1	Input shaft
13.	44281	1	Bearing, input shaft
14.	42795	1	Seal kit, gear pump (rear only)



ITEM	PART	QTY	DESCRIPTION
*	42453	1	Torque motor (2 required)
1.	22071	1	Nut
2.	22117	1	Seal kit
3.	42955	1	Retainer
4.	22073	6	Screw
5.	42953	1	Shaft sub assembly
6.	22075	1	Key
7.	42954	1	Bearing housing
8.	42609	1	Drive shaft
9.	42607	1	Geroler assembly
10.	22105	1	Valve plate
11.	22106	1	Valve drive
12.	22107	1	Valve
13.	22108	1	Balance ring
14.	22109	3	Spring
15.	22112	1	Valve housing
16.	22089	1	Plug
17.	42608	2	Bolt (long)
18.	42610	2	Bolt (short)
19.			
20.	22110	1	Plug
21.	22111	2	Dash pot sleeve
22.	22115	2	Spring
23.	22119	2	Poppet
24.	22120	1	Piston
25.	22121	1	Plug
26.	34181	1	Inner face seal
27.	34182	1	Outer face seal

Electrical Wiring, ROPS 6.1

Electrical Wiring, Engine 6.2

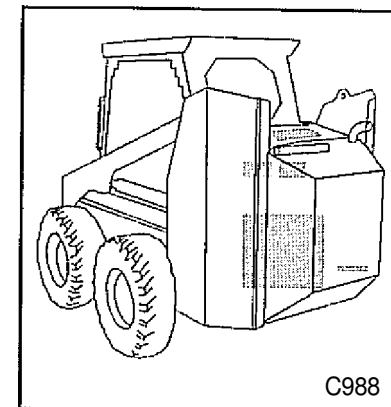
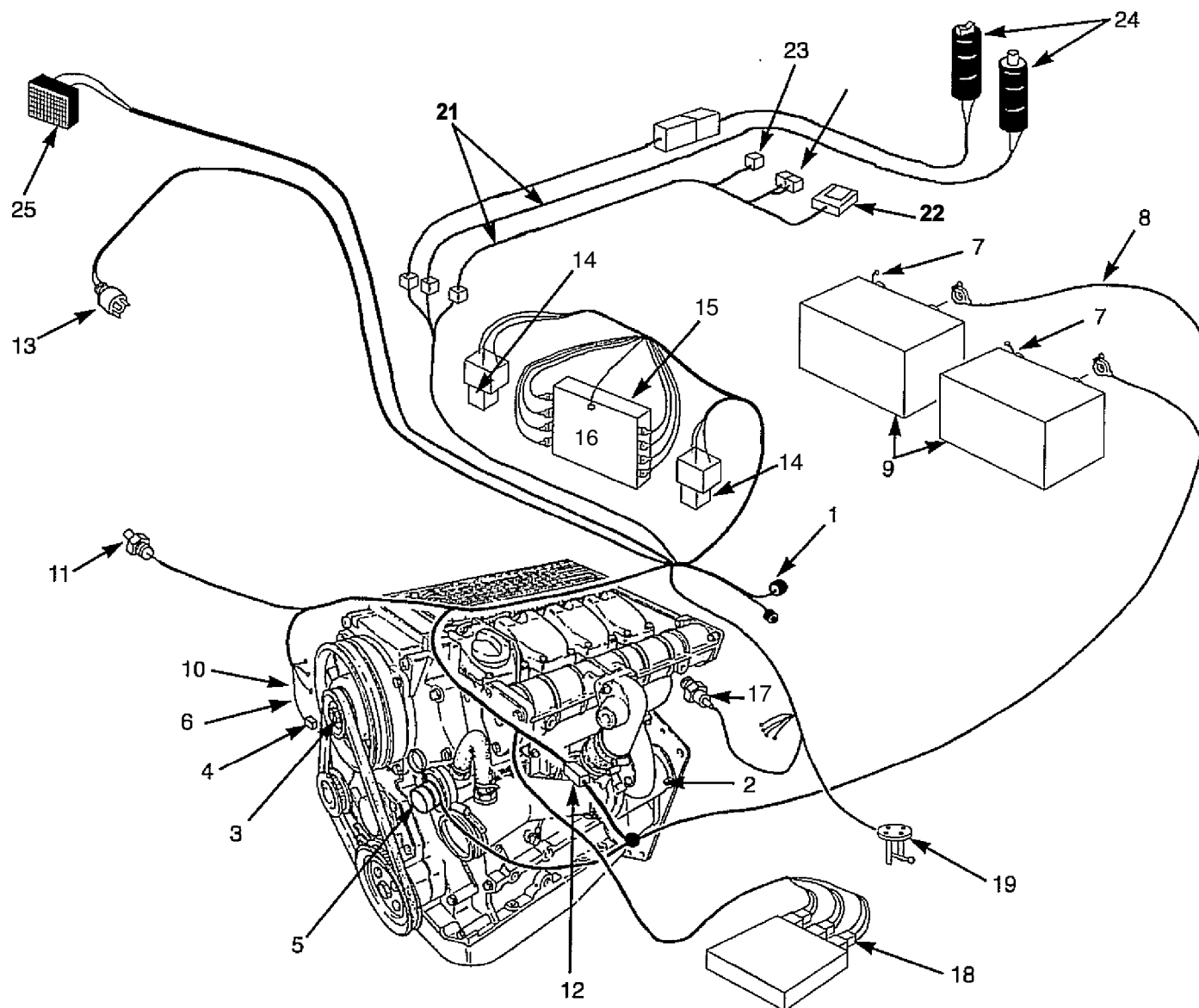


ITEM	PART	QTY	DESCRIPTION
1.	42065	1	Electrical harness, ROPS
2.	38794	1	Dash panel, RH
"	38800	1	Panel Insert, RH
*	38798	1	Outside panel pod, RH
3.	19605	1	Ignition switch, with keys
	18683	1(pair)	Ignition key
	41427	1	Thomas key ring
4	38577	1	Fuel gauge
5.	38761	1	Hour meter
6.	29971	1	Rear work light
7.	41607	2	Front work light
"	41611	1	Front lens
*	41612	1	Front bulb
8.	40918	1	Horn (option)
9.	41889	1	Dash panel, LH
"	41890	1	Panel Insert, LH
"	38799	1	Outside panel pod, LH
10.	39972	1	Indicator bulb panel
11.	39123	1	Switch, SPST (headlight)
12.	39124	1	Switch, DPST (aux. option)

Harness Clamps

"	42433	1	Clamp,. #8
*	42434	6	Clamp, #10
"	42435	5	Clamp, #12
"	42442	1	Clamp, #18

" Items not shown.

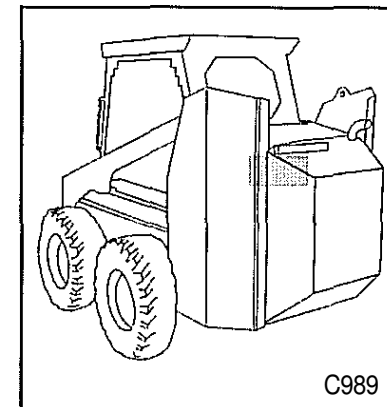
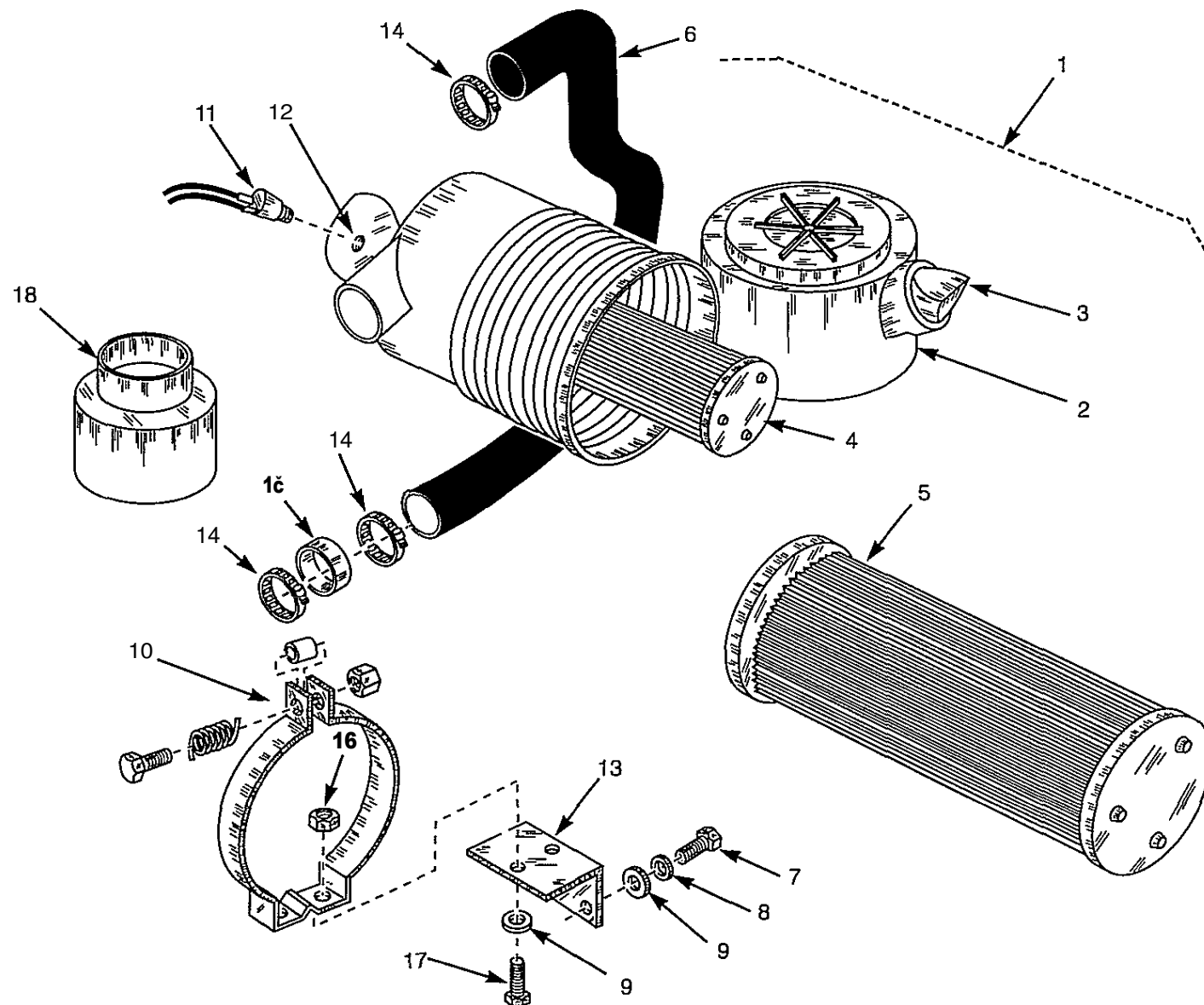


ITEM	PART	QTY	DESCRIPTION
1.	42066	1	Wire harness, to S / N LM000996
1.	44368	1	Wire harness, S / N LM000997 onward
2.	42814	1	Starter
3.	42815	1	Alternator
4.	42816	1	Solenoid, engine shut off
5.	37104	1	External boosting tug (with cover)
"	41850	1	Mount, boosting lug
6.	42811	1	Sender, engine oil pressure
7.	38871	1	Cable, battery ground
8.	42064	1	Cable, dual battery positive
9.	38870	2	Battery
"	22819	2	Cable, 18" ground strap
10.	42794	1	Engine temperature sender
11.	37206	1	Hydraulic temperature sender
12.	21926	1	Circuit breaker, 50 amp
13.	42407	1	Air restriction sender
14.	39840	2	Relay
15.	961693	1	Electrical box assembly
*	41791	1	Knob, for electrical box
16.	39540	1	Fuse terminal panel
*	39121	A / R	Fuse, 15 amp
"	39122	A / R	Fuse, 10 amp
17.	42848	1	Manifold heater
18.	3766*	1	Control valve, see section 4.9
19.	41627	1	Fuel level sender
20.	42805	1	Safety / Brake switch (DPST)
21.	42804	1	Electrical harness, mainframe
22.	960680	1	Seat belt ass'y with switch (2")
22.	960681	1	Seat belt ass'y with switch (3" option)
23.	38516	1	Seat switch
24.	40960	1	Control handle with switch
*	38412	2	Switch, for control handle
25	40918	1	Alarm horn, optional
"	38752	1	Switch, back up alarm, optional

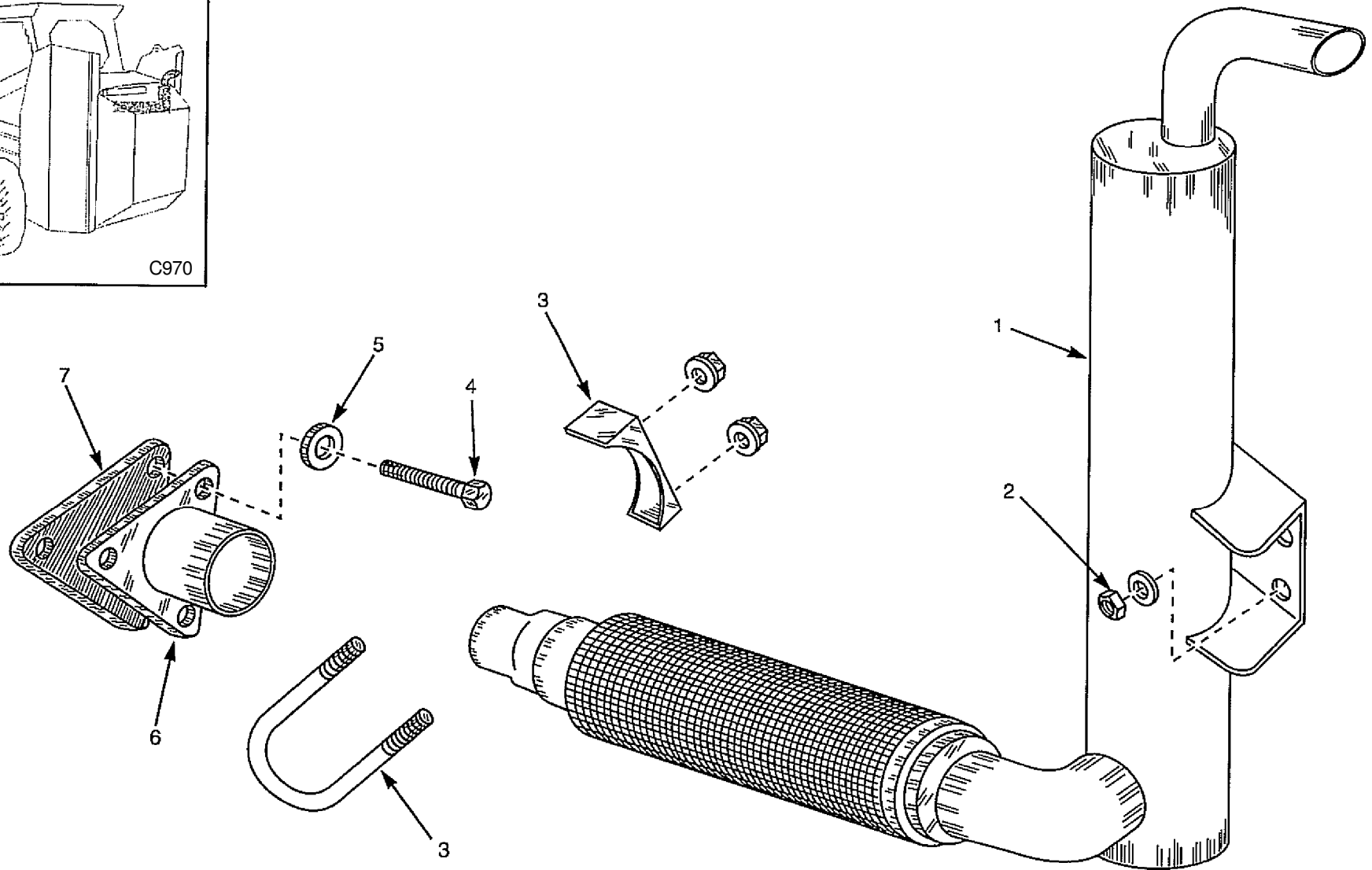
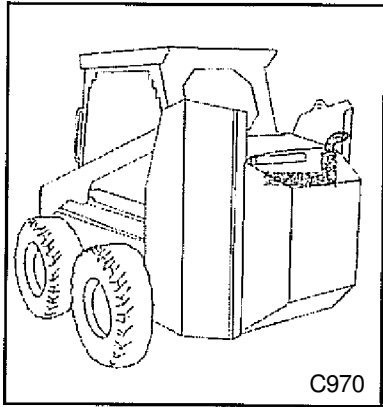
ITEM	PART	QTY	DESCRIPTION
Harness Clamps			
*	42433	1	Clamp,. #8
'	42434	6	Clamp, #10
'	42435	5	Clamp, #12
'	42442	1	Clamp, #18

* Items not shown.

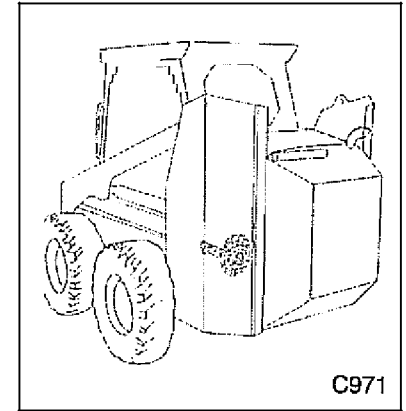
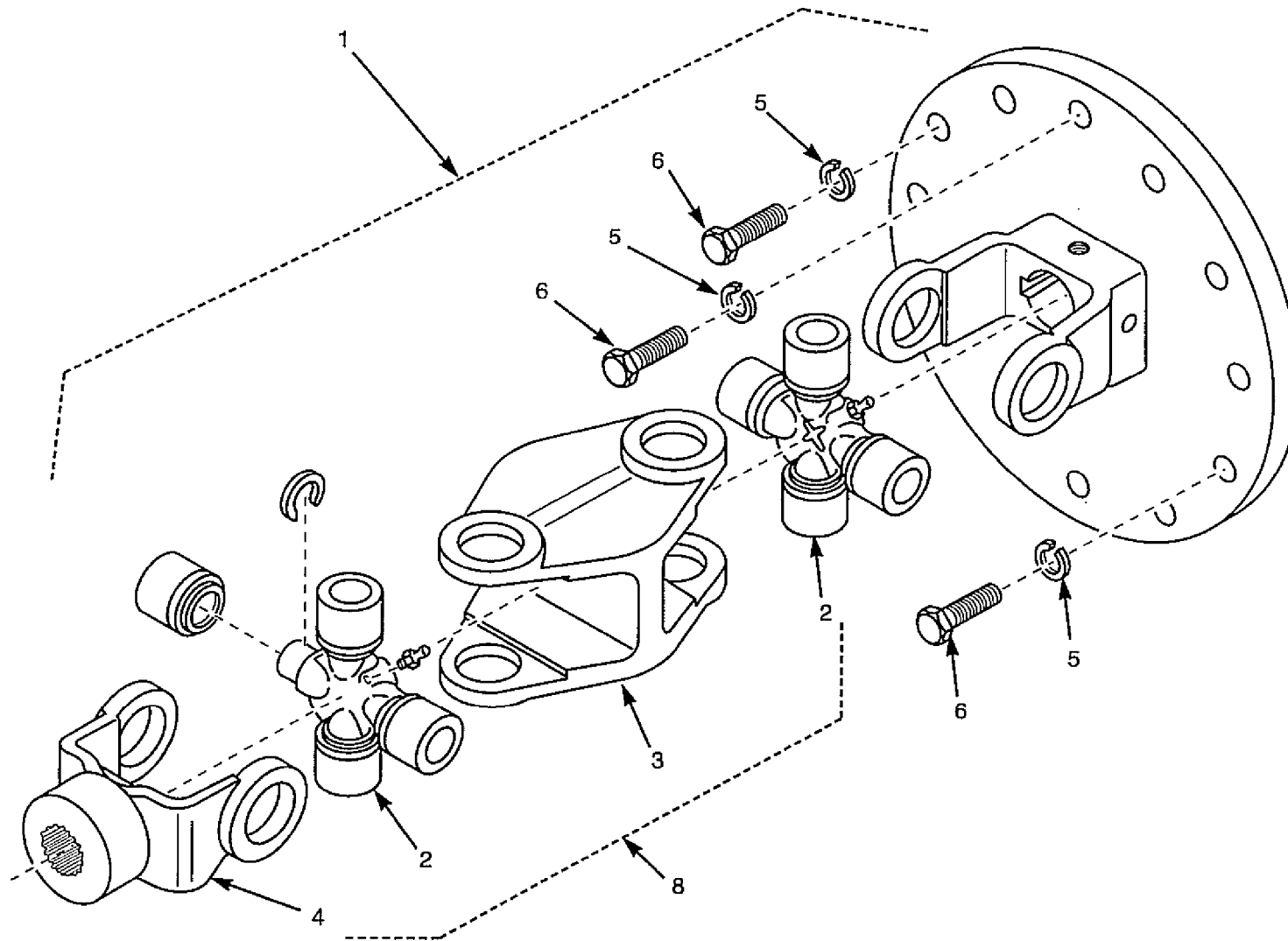
Air Cleaner	7.1
Exhaust System.....	7.2
Universal Joint.....	7.3
Engine Mounts and Shields	7.4
Engine Accessories	7.5



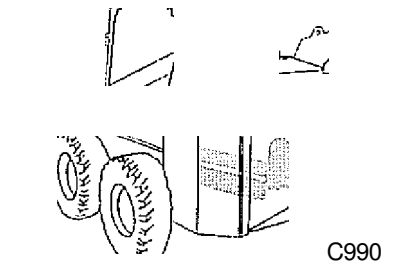
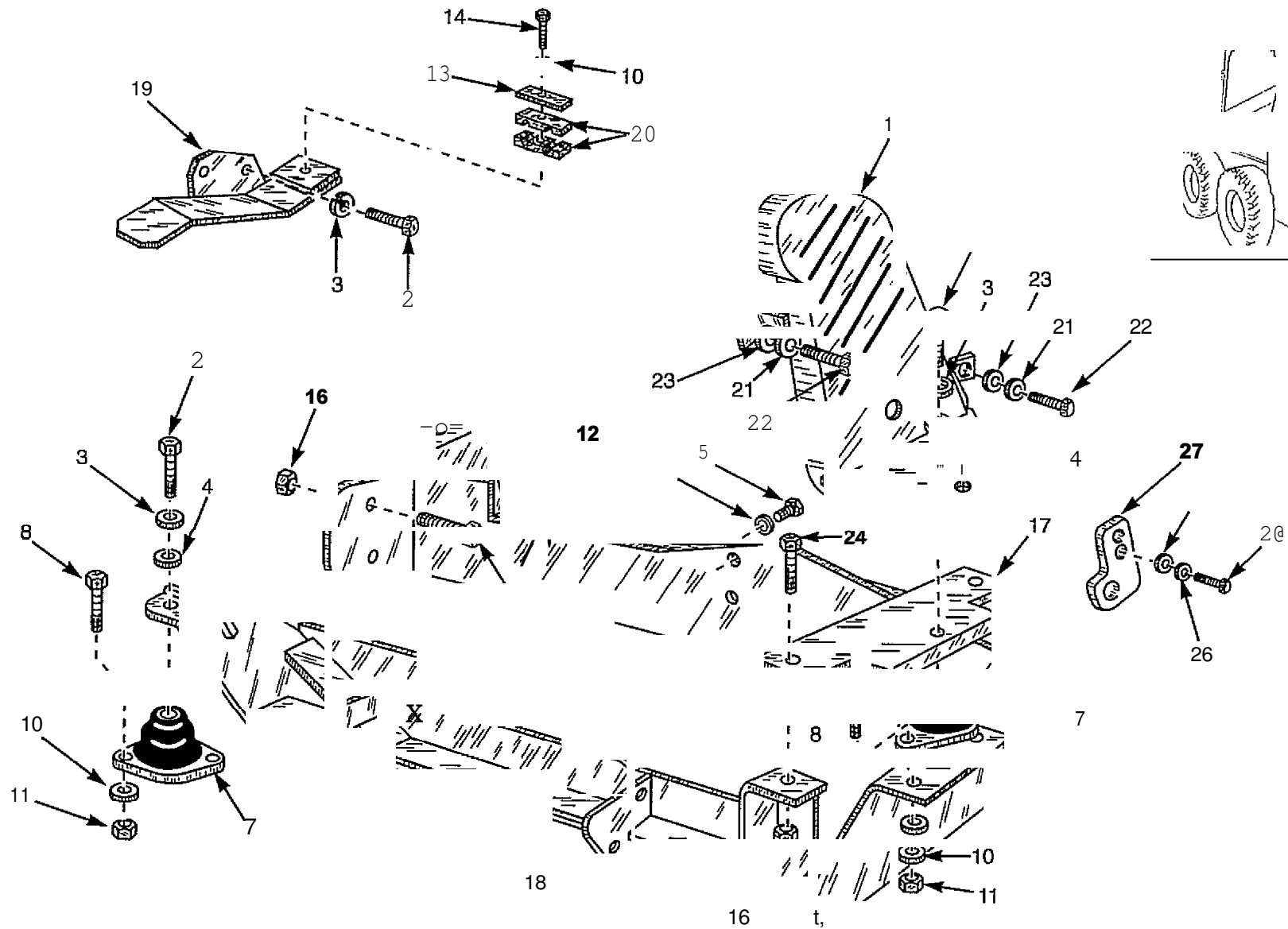
ITEM	PART	QTY	DESCRIPTION
1.	41985	1	Air cleaner assembly (to S / N LMO01126, except LM001124)
1.	44344	1	Air cleaner assembly (S / N LM001127 onward, also S / N LM001124, and field conversions with 44309 molded hose)
2.	42405	1	Cover
3.	42422	1	Vacuator
4.	42403	1	Element, safety
5.	42402	1	Element, primary
6.	41878	1	Hose, molded (to S / N LMO01126, except LM001124)
6.	44309	1	Hose, molded (S / N LM001127 onward, also S / N LM001124, and field conversions with 44344 air cleaner assembly)
7.	21554	3	Bolt
8.	21029	3	Lock washer
9.	1651	5	Flat washer
10.	42404	1	Mounting band (41985 air cleaner only)
11.	42407	1	Sender, air restriction
12.	42406	1	Adapter, sender to housing
13.	41851	1	Mount, air cleaner to engine
14.	17792	3	Clamp
15.	42223	1	Pipe, hose adapter
16.	43558	2	Nut
17.	6081	2	Bolt
18.	43093	1	Precleaner (optional)



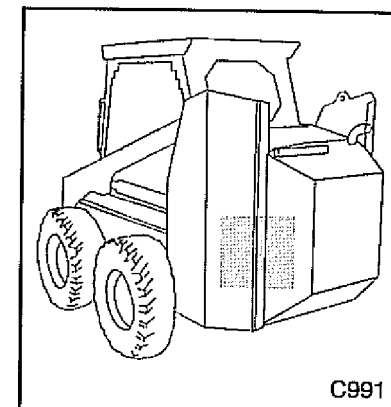
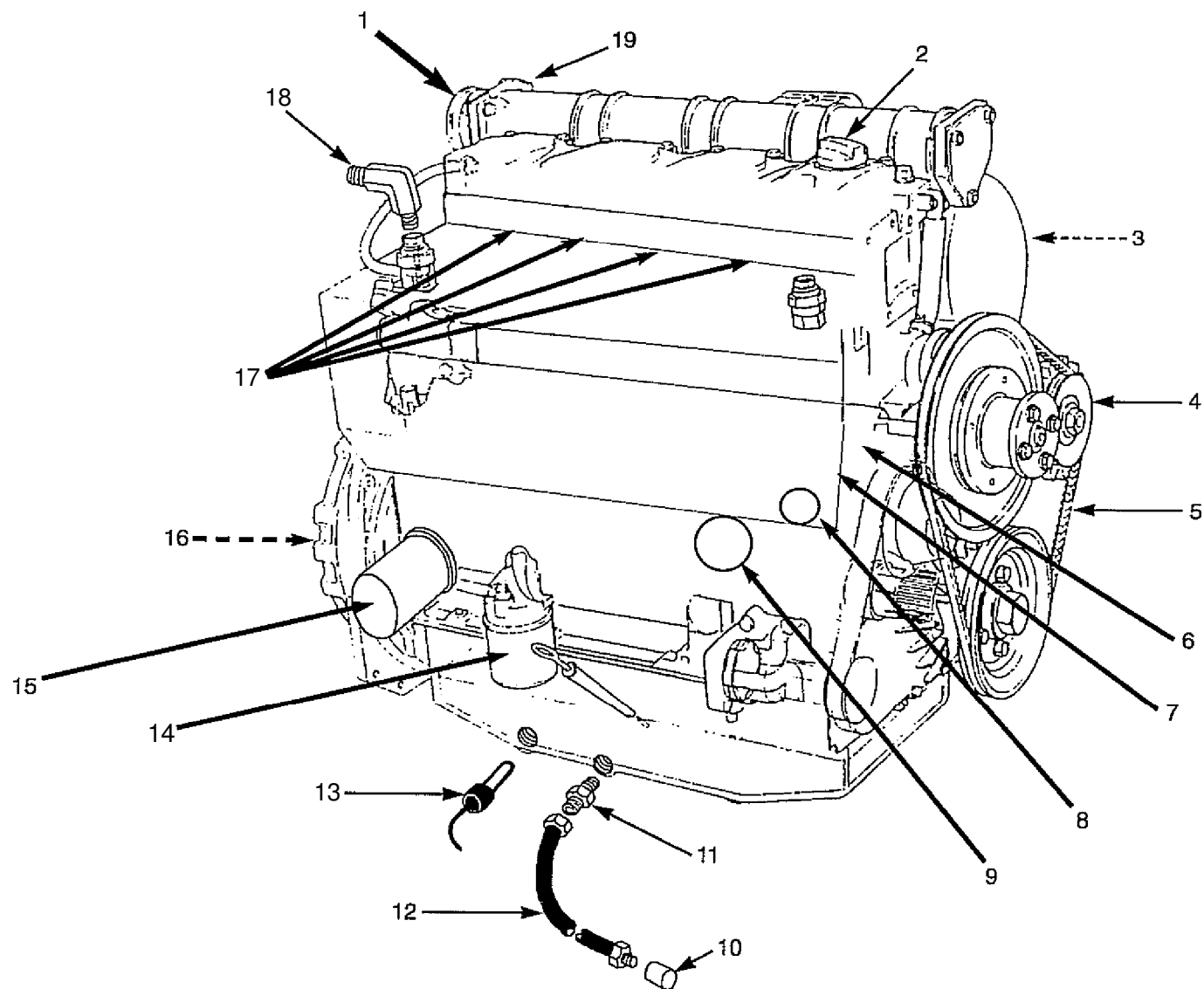
ITEM	PART	QTY	DESCRIPTION
1.	43456	1	Muffler
2.	43558	4	Flanged nut
3.	21894	1	Clamp
4.	23459	3	Bolt
5.	21029	3	Lock washer
6.	962250	1	Flange, exhaust adapter
7.	42847	1	Gasket



ITEMt	PART	QTY	DESCRIPTION
1.	961366	1	U - joint and plate assembly
2.	42820	2	U - joint, cross and bearing
3.	42819	1	Double yoke
4.	42818	1	Splined yoke
5.	21029	6	Lock washer
6.	19029	6	Bolt
7.	41104	1	Double u - joint assembly (includes 2,3,4)



ITEM	PART	QTY	DESCRIPTION
1.	962734	1	Cover, belt
2.	42186	3	Bolt
3.	21558	3	Lock washer
4.	23385	3	Flat washer
5.	42185	4	Bolt
6.	23770	4	Lock washer
7.	38556	3	Isolators
8.	1190	6	Bolt
9.	1651	2	Flat washer
10.	1870	6	Lock washer
11.	1191	6	Nut
12.	962562	1	RH engine mount
13.	42316	1	Plate, cover
14.	1675	1	Bolt
15.	43560	6	Bolt
16.	43559	8	Nut
17.	43537	1	Plate, front engine mount
18.	962563	1	LH engine mount
19.	961745	1	Clamp / hose mount
20.	42317	2	Clamp
21.	21028	6	Lock washer
22.	23460	2	Bolt
23.	1643	4	Flat washer
24.	43561	2	Bolt
25.	23459	2	Bolt
26.	21029	2	Lock washer
27.	41850	1	Boosting tug mount



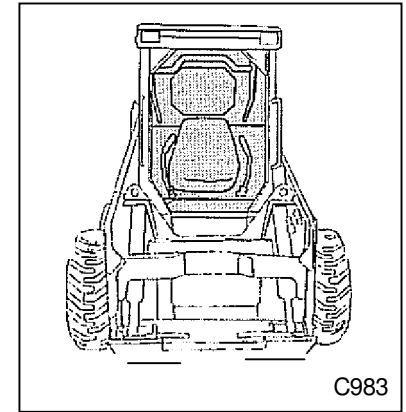
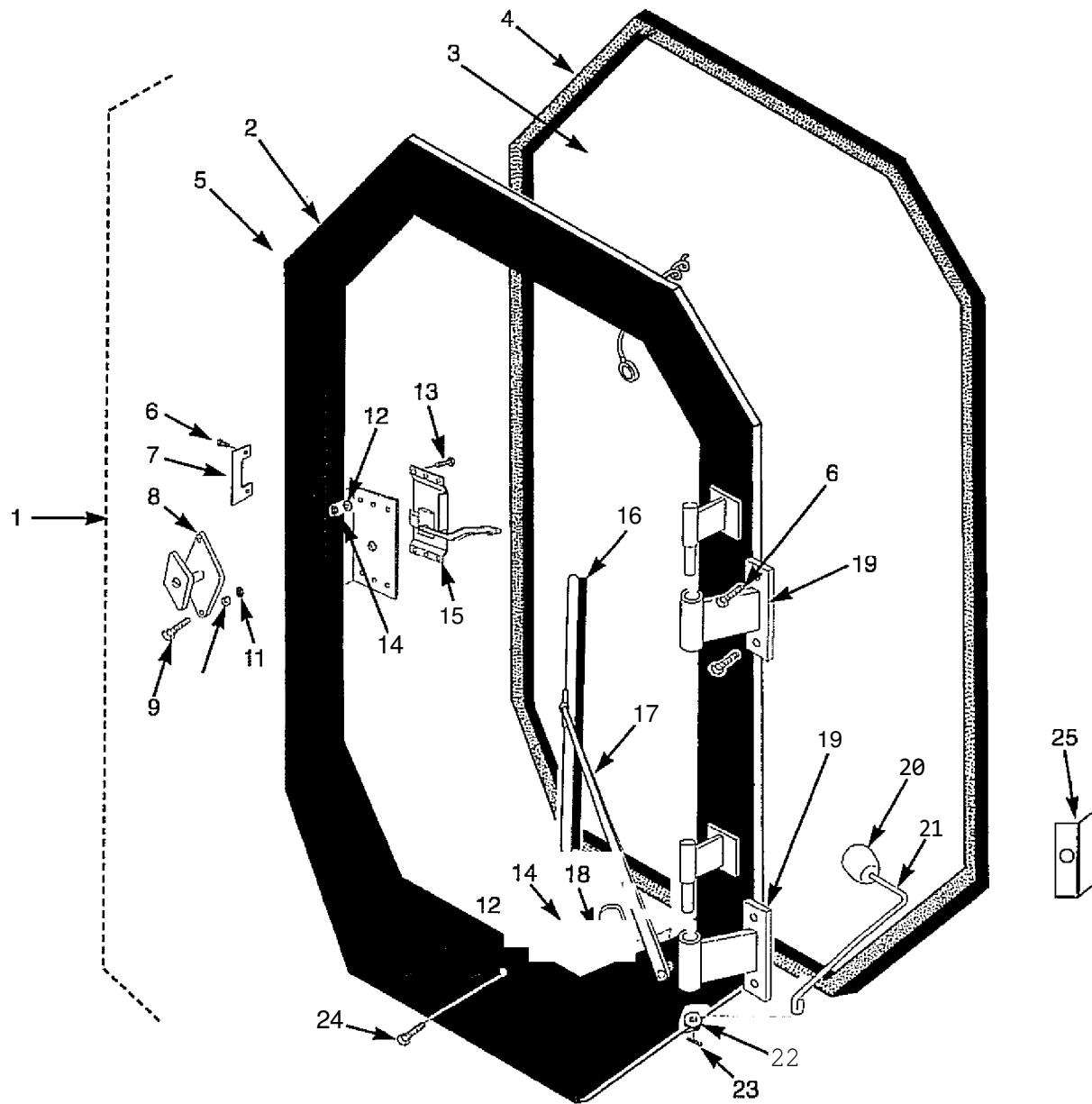
ITEM	PART	QTY	DESCRIPTION
1.	41892	1	Engine assembly, Deutz, BF4M1011F
2.	43701	1	Oil tiller cap
3.	42847	1	Exhaust pipe gasket
4.	42815	1	Alternator
5.	42g17	1	Belt
6.	42811	1	Oil pressure switch (sender)
7.	42794	1	Oil temperature switch (sender)
8.	42816	1	Stop solenoid
9.	43276	1	Fuel pump
10.	42292	1	Cap
11.	42203	1	Adapter
12.	961759	1	Hose, drain line
13.	42069	1	Oil heater, screw in type
13*	962690	1	Pan heater, glue on type
14.	42649	1	Fuel filter
15.	42650	1	Oil filter
16.	42814	1	Starter
17.	43879	4	injector pipe
18.	42293	1	Elbow, 90°, to oil cooler line
19.	42848	1	Manifold heater
"	42606	ea.	Paint, Deutz gray aerosol

Special Tools

"	42530	1	Timing belt tension gauge
"	42531	1	Locating pins (for belt replacement)
"	42535	1	Camshaft dolly tool (for belt replacement)

" Items not shown

Cab Door.....	8.1
ab eater.	2
abindhAVVYaaY4VVh AV4aYaaYVhVwAaaYVaYAAaYVwwwAwAAaYaaYaaawwAYa	
Hi- Flow Hydraulics, to S / N LM000996.	8.4a
Hi- Flow Hydraulics, S / N LM000997 onward	8.4b
Auto Shutdown System	8.5
Numerical Index	8.6
Quick Reference Maintenance List.	8.7



ITEM	PART	QTY	DESCRIPTION
1.	U-1626	1	Cab door, dealer installed
2.	961028	1	Door frame
3.	37243	1	Glass, tempered safety
4.	15750	9'	Weatherstrip, glass setting
5.	15756	12'	Bulb seal
6.	31744	6	Screw
7.	32600	1	Plate, latch
8.	953780	1	Handle, locking
9.	15885	2	Bolt
10.	2811	2	Lock washer
11.	6467	2	Nut
12.	1650	5	Flat washer
13.	5170	4	Bolt
14.	6645	5	Lock nut
15.	39891	1	Latch, LH
16.	37597	1	Wiper blade
17.	37596	1	Wiper arm
18.	37275	1	Wiper motor
19.	958336	2	Cab door bushing (hinge)
20.	25298	1	Ball, handle
21.	961063	1	Bar, slider
22.	1643	1	Flat washer
23.	1630	1	Cotter pin
24.	2663	1	Bolt
25	44366	1	Door stop
"	35489	A / R	Sealant, glass setting

ITEM	PART	QTY	DESCRIPTION
1.	U-1992	1	Cab heater kit
2.	37167	1	Heater
3.	43877	1	Heater core
4.	42564	1	Heater fan
5.	42563	1	Fan motor
6.	31167	1	Cable, heater control
7.	37601	1	Switch, heater fan
8.	37606	1	Knob, heater fan
9.	44418	2	Elbow, 30°- tubing
10.	37633	2	O-ring for 44418
11.	31166	1	Valve, heater control
12.	811	A / R	Hose, heater, per foot
13.	16019	6	Clamp, heater hose
14.	42203	2	Adapter, 18mm, engine block to fitting
15.	44101	1	Hose end, adapter to hose

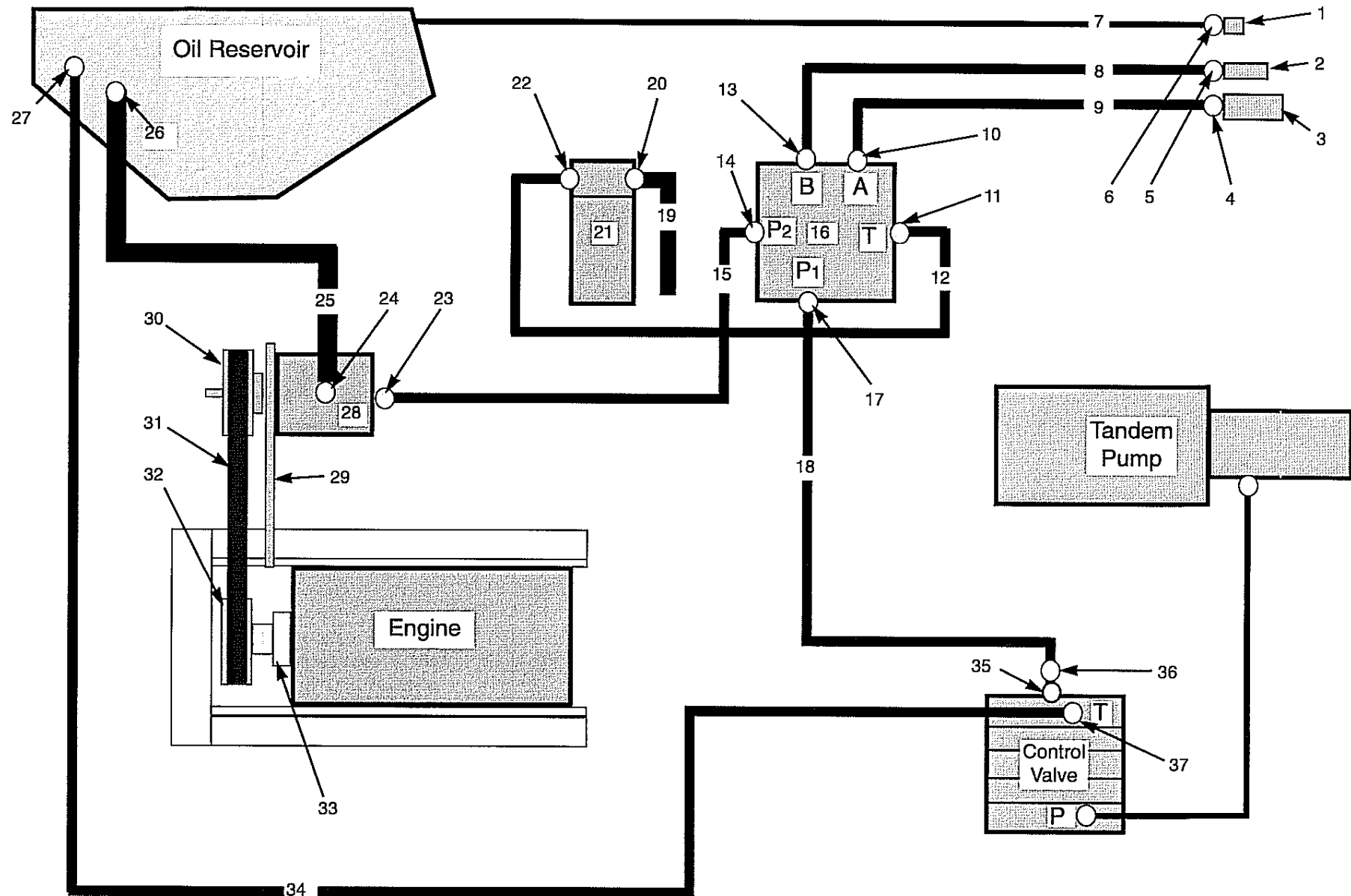
CAB WINDOWS

8.3

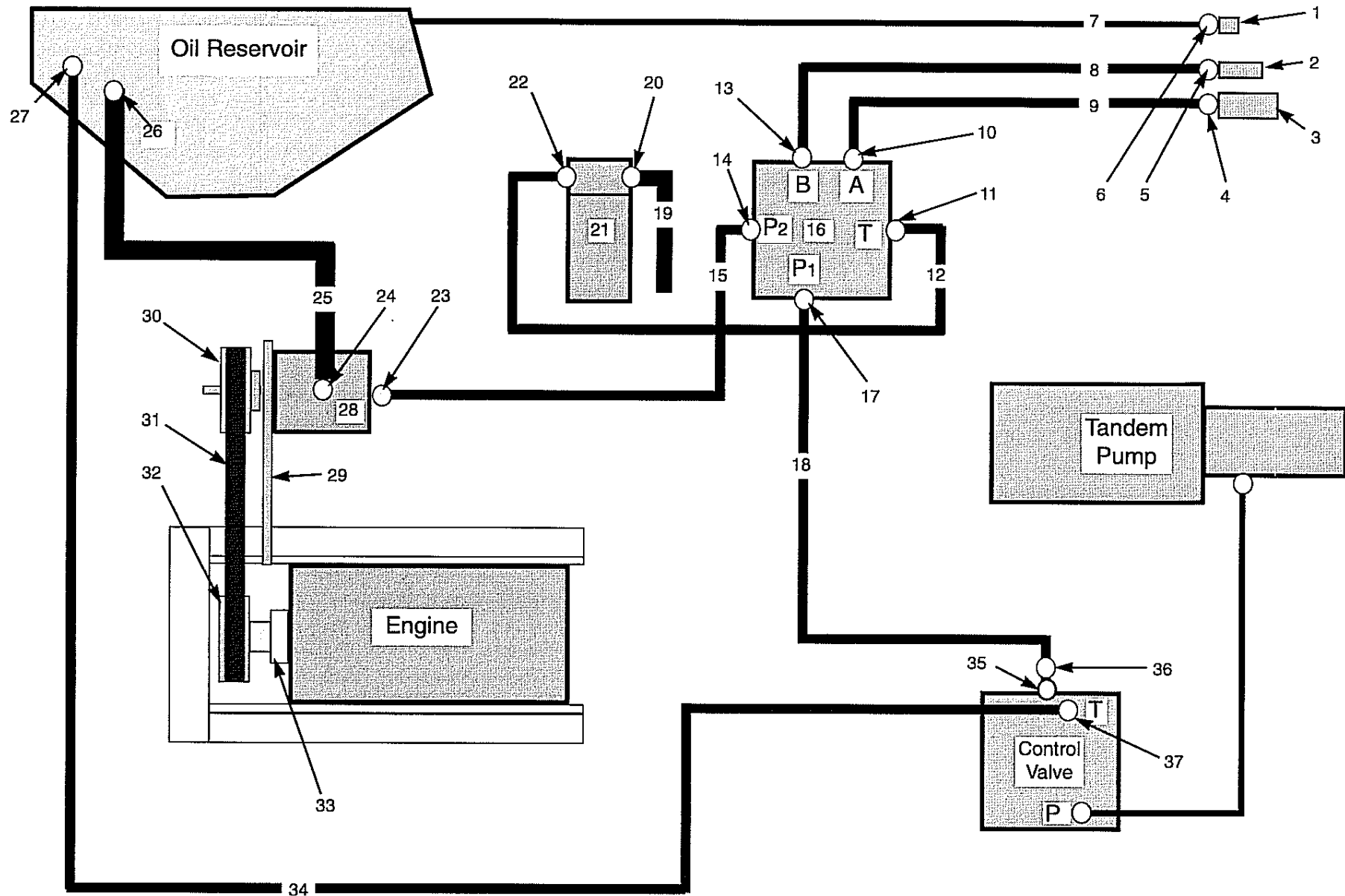
ITEM	PART	QTY	DESCRIPTION
	U-1628	1	Cab window kit, safety glass, aluminum frame
1.	39905	1	RH glass in frame
2.	39906	1	LH glass in frame
3.	40955	2	Glass, fixed pane
4.	40956	2	Glass, slider pane
5.	39B69	2	Knob
6.	39868	2	Nylon washer
7.	40908	2	Bolt for knob
8.	39907	2	Nylon insulator
9.	40909	2	Nylon nut
10.	44345	26	Screw, stainless
11.	44237	26	Flange nut, stainless

CAB WINDOWS

8.3



ITEM	PART	QTY	DESCRIPTIOn	ITEM	PART	QTY	DEsCRIPtION
1.	006608		Female quick coupler, drain to tank.	29.	043514		Mount, high flow pump.
	007124		Dust plug for 6608 female quick coupler.	30.	043516		Sprocket, high flow gear pump, driven.
2.	029319		Male quick coupler, hi- flow.	*	962335		Sprocket bushing, machined for high flow gear pump.
	029320		Dust plug for 29319 male quick coupler.				
3.	029317		Female quick coupler, hi- flow.	31.	043517		Belt, high flow drive.
*	029318		Dust plug for 29317 male quick coupler.	32.	043515		Sprocket, high flow drive, engine.
4.	029316		Connector.	"	043518		Sprocket bushing, QD type.
5.	029316		Connector.	33.	043099		PTO stub shah, adapter.
6.	029437		Connector, bulkhead.	"	043522		Bolts (8), 10 X 70mm. for PTO stub shaft.
7.	962353		Drain hose to tank.	"	001613		Key for stub shaft / sprocket bushing.
8.	961325		High pressure hose to male coupler.	34.	962348		Hose, return from main control valve to tank.
9.	961326		High pressure hose to female coupler.				
10.	014866		Connector, 90°.	35.	043521		Power beyond plug, adapter.
11.	033850		Connector, 90°.	36.	043649		Connector, 90°
12.	962352		Hose, port 'T' on valve to main filter inlet.	37.	020813		Connector.
13.	014866		Connector, 90°.	"	962336		Alternator belt guard (not shown)
14.	014867		Connector, straight.	"	962337		Hi-Flow belt guard (not shown)
15.	962351		High pressure hose from high flow gear pump to port "P2" on valve.				
16.	043203		High flow control valve.				
17.	014866		Connector, 90°.				
18.	962349		Hose, from main control valve to port "P1" high flow valve.				
19.	962267		Hose, main (ilter to oil cooler.				
20.	033850		Connector, 90°.				
21.	043539		High pressure filter assembly.				
	043540		Replacement adapter mount.				
	043541		Replacement filter element.				
22.	033850		Connector, 90°.				
23.	014867		Connector.				
24.	038652		Connector, 90°.				
25.	962350		Hose, suction line from tank to high flow gear pump.				
26.	038652		Connector, 90°.				
27.	021701		Connector, 90°.				
28.	043520		High flow gear pump, 1.55 cu.in..				



ITEM	PART	QTY	DESCRIPTION	ITEM	PART	QTY	DESCRIPTION
1.	006608		Female quick coupler, drain to tank.	29.	043514		Mount, high flow pump.
"	007124		Dust plug for 6608 female quick coupler.	30.	043516		Sprocket, high flow gear pump, driven.
2.	029319		Male quick coupler, hi- flow.		962335		Sprocket bushing, machined for high flow gear pump.
"	029320		Dust plug for 29319 male quick coupler.	31.	043517		Belt, high flow drive.
3.	029317		Female quick coupler, hi- flow.	32.	043515		Sprocket, high flow drive, engine.
"	029318		Dust plug for 29317 male quick coupler.	"	043518		Sprocket bushing, QD type.
4.	029316		Connector.	33.	043099		PTO stub shaft, adapter.
5.	029316		Connector.		043522		Bolts (8), 10 X 70mm. for PTO stub shaft.
6.	029437		Connector, Dulkhead.		001613		Key for stub shaft / sprocket bushing.
7.	962353		Drain hose to tank.	34.	962348		Hose, return from main control valve to tank.
8.	961325		High pressure hose to male coupler.	35.	044462		Power beyond plug, adapter.
9.	962409		High pressure hose to female coupler.	36.	043649		Connector, 90°
10.	014866		Connector, 90°.	37.	020813		Connector.
11.	033850		Connector, 90°.	*	962336		Alternator belt guard (not shown)
12.	962352		Hose, port 'T' on valve to main filter inlet.	"	962337		Hi-Flow belt guard (not shown)
13.	014866		Connector, 90°.				
14.	014867		Connector, straight.				
15.	962351		High pressure hose from high flow gear pump to port "P1" on valve.				
16.	043203		High flow control valve.				
17.	014866		Connector, 90°.				
18.	962349		Hose, from main control valve to port "P2" high flow valve.				
19.	962267		Hose, main filter to oil cooler.				
20.	033850		Connector, 90°.				
21.	043539		High pressure filter assembly.				
*	043540		Replacement adapter mount.				
*	043541		Replacement filter element.				
22.	033850		Connector, 90°.				
23.	014867		Connector.				
24.	038652		Connector, 90°.				
25.	962350		Hose, suction line from tank to high flow gear pump.				
26.	038652		Connector, 90°.				
27.	021701		Connector, 90°.				
28.	043520		High flow gear pump, 1.55 cu.in..				

- | | | |
|----|----------------------|-------|
| 1. | Pressure switch. | 43714 |
| 2. | Mini siren. | 29241 |
| 3. | 40Amp relay. | 39840 |
| 4. | Engine harness. | 44272 |
| 5. | ROPS harness. | 44273 |
| 6. | Information diagram. | 44247 |

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261 1.1	6608 4.8b	15880 2.5	21926 6.2	23307 1.11	26509 3.2
261 1.7	6608 8.4a	15880 2.6	22071 3.4	23308 1.11	26510 3.2
407 1.1	6608 8.4b	15931 1.5	22071 5.4	23309 1.11	26549 4. 10
698 4.1	6804 1.12	15931 1.7	22073 5.4	23310 1.11	26648 4.9a
810 4.3	7019 1.12	16019 8.2	22075 5.4	23312 1.11	26737 1.1
811 8.2	7124 4.8a	16989 1.2	22089 5.4	23324 1.11	28979 3.4
821 1.7	7124 4.8b	17144 4.1	22105 5.4	23325 1.11	28994 5.2
4064 1. 10	7124 8.4a	17340 3.3	22106 5.4	23326 1.11	29029 3.2
1205 3.4	7124 8.4b	17633 1.5	22107 5.4	23388 ?L2	29064 1.12
1457 4.1	7667 4.8a	17792 7.1	22108 5.4	23452 1.5	29065 2.1
1457 5.2	7667 4.8b	18313 1.1	22109 5.4	23747 5.1	29065 2.2
1458 1.1	8104 5.1	18683 6.1	22110 5.4	23747 5.2	29065 2.3
1458 1.3	8104 5.2	19226 4.4a	22111 5.4	23750 5.1	29065 2.4
1461 5.2	8704 3.3	19226 4.6a	22112 5.4	23750 5.2	29065 2.5
1613 8.4a	8705 3.3	19226 4.6b	22115 5.4	23861 1.1	29065 2.6
1613 8.4b	10516 3.1	19226 4.8a	22117 5.4	24214 1.1	29066 2.1
1803 4.8a	14797 1.1	19226 4.8b	22119 5.4	24624 1.1	29066 2.2
1803 4.8b	14866 4.2	19232 4.4b	22120 5.4	24914 3.4	29066 2.3
3189 1.2	14866 4.3	19232 5.1	22121 5.4	25011 4.3	29066 2.4
3189 2.1	14866 5.1	19233 5.2	22280 4.8a	25011 5.1	29066 2.5
3189 2.3	14866 8.4a	19235 5. 2	22280 4.8b	25104 3.3	29066 2.6
3666 4.9a	14866 8.4b	19242 5. 2	22448 3.2	25298 8.1	29093 3.4
4842 1.2	14867 5.1	19605 6.1	22470 1.10	25460 1.11	29211 1.12
4842 3.4	14867 8.4a	19949 1.1	22653 1.3	25482 3.4	29241 8.5
5803 2.2	14867 8.4b	Z0232 4.1	22734 3.3	25618 3.2	29245 1.4
5803 2.6	14877 3.2	20235 1.5	22819 6.2	25843 3.4	29316 8.4a
5832 1.12	14898 4.1	20813 8.4a	23012 2.1	25879 3.1	29316 8.4b
5832 3.2	15750 1.5	20813 8.4b	23012 2.2	26041 3.3	29317 8.4a
5896 2.3	15750 8.1	21004 1.10	23012 2.3	26042 3.2	29317 8.4b
6086 1.6	15756 8.1	21488 1.2	23012 2.4	26081 4.10	29318 84a
6086 1.7	15880 2.1	21701 8.4a	23012 2.5	261B8 3.2	29318 8.4b
6297 4.7	15880 2.2	21701 8.4b	23012 2.6	26202 4.1	29319 8.4a
6377 3.1	15880 2.3	21894 7.2	23194 1.1	26315 3.1	29319 8.4b
6608 4.8a	15880 2.4	21907 2.1	23301 1.11	26315 3.2	29320 8.4a

PART / SECTION		PART / SECTION		PART / SECTION		PART / SECTION		PART / SECTION		PART / SECTION	
29320	8.4b	299B2	2.4	32920	4.1	36094	1.12	37854	2.4	38652	8.4b
29345	4.10	29982	2.5	33153	4.7	36336	4.4a	37854	2.5	38752	6.2
29346	4.10	29982	2.6	33155	4.7	36336	4.4b	37854	2.6	38761	6.1
29361	3.2	30026	4.5	33831	4.4a	36422	4.1	38043	1.11	3876B	4.1
29368	4.10	30044	2.5.	33831	4.4b	36595	4.9a	38044	1.11	38794	6.1
29369	4.10	30044	2.6	33831	4.6a	36598	1.11	38243	8.1	38797	1.6
29370	4.10	30044	2.7	33831	4.6b	36619	1.12	38284	1.12	38798	6.1
29371	4.10	30236	4.5	33831	4.8a	36643	4.9a	38303	4.6a	38799	6.1
29372	4.10	30266	4.3	33831	4.8b	36649	4.9a	38303	4.6b	38BOO	6.1
29373	4.10	30470	3.4	33850	4.2	36650	4.9a	38303	4.8b	38834	2.9
29375	4.10	30474	3.4	33850	8.4a	36651	4.9a	38412	2.2	38839	1.8
29377	4.10	30485	3.4	33850	8.4b	36653	4.9a	38412	2.4	38840	1.8
29378	4.10	30487	3.4	33859	1.11	36659	4.9a	38412	2.5	38870	6.2
29379	4.10	30501	2.1	33868	4.7	36733	4.1	38412	2.6	38871	6.2
29382	4.10	30501	2.2	34181	5.4	36841	1.11	38412	6.2	39025	1.5
29437	4.8a	30501	2.3	34182	5.4	36847	2.7	38472	4.4a	39121	6.2
29437	4.8b	30501	2.4	34266	2.7	37010	1.11	38472	4.4b	39122	6.2
29437	8.4a	30549	4.1	34903	4.1	37059	1.11	38472	4.6a	39123	6.1
29437	8.4b	30641	4.7	34919	4.1	37060	1.11	38472	4.6b	39124	6.1
29438	4.4a	30800	3.4	34920	1.11	37070	4.1	38472	4.8a	39126	1.5
29438	4.4b	31044	3.3	34925	1.11	37104	6.2	38472	4.8b	39189	1.11
29438	5.2	31045	3.3	35243	4.2	37167	8.2	38516	1.9	39191	1.11
29476	3.4	31046	3.3	35426	1.2	37184	3.4	38516	6.2	39192	1.11
29477	3.4	31166	8.2	371489	8.1	37206	4.1	38553	2.9	39196	1.11
29689	4.5	31167	8.2	35763	2.3	37206	6.2	38553	3.4	39199	1.10
29855	4.5	31262	3.1	35763	2.4	37208	4.1	38558	7.4	39537	1.5
29856	4.5	31341	5.2	35855	2.7	37275	8.1	38560	1.5	39540	6.2
29861	4.5	31489	1.2	35883	2.3	37596	8.1	38561	1.5	39546	1.6
29861	4.7	31581	1.7	35883	2.4	37597	8.1	38577	6.1	39556	1.7
29862	4.5	32275	1.11	35884	2.5	37601	8.2	38587	4.2	39557	1.7
29878	4.5	32478	4.1	35884	2.6	37606	8.2	38600	1.9	39840	6.2
29896	4.5	32511	4.7	35884	2.7	37633	8.2	38611	4.9a	39840	8.5
29971	6.1	32578	3.3	35885	1.11	37808	1.5	38614	4.9a	39868	8.3
29982	2.1	32600	8.1	35886	1.11	37854	2.1	38615	4.9a	39869	8.3
29982	2.2	32906	3.3	35935	1.11	37854	2.2	38621	4.9a	39891	8.1
29982	2.3	32907	3.3	36092	1.12	37854	2.3	38652	8.4a	39904	1.9

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39905 8.3	41291 1.3	41801 1.7	42203 7.5	42404 7.1	42610 5.4
39906 8.3	41318 1.3	41849 2.8	42203 8.2	42405 7.1	42649 1.1
39907 8.3	41324 1.3	41850 6.2	42204 2.1	42406 7.1	42649 T.5
39972 6.1	41324 1.4	41850 7.4	42204 2.3	42407 2.8	42650 7.5
40011 1.4	41391 1.3	41851 7.1	42205 2.2	42407 6.2	42709 4.3
40012 1.4	41392 1.3	41853 3.4	42205 2.4	42407 7.1	42725 4.3
40183 1.7	41410 1.4	41878 7.1	42207 2.1	42422 7.1	42759 1.8
40320 2.9	41427 6.1	41889 6.1	42207 2.2	42433 6.1	42760 1.8
40323 1.10	41544 1.11	41890 6.1	42207 2.3	42433 6.2	42767 5.3
40337 1.6	41545 1.11	41892 7.5	42207 2.4	42434 6.1	42788 4.3
40581 1.9	41546 1.11	41956 1.2	42207 2.5	42434 6.2	42794 6.2
40614 1.3	41547 1.11	41985 7.1	42207 2.6	42435 6.1	42794 7.5
40737 1.5	41548 1.11	42011 1.2	42208 2.1	42435 6.2	42795 5.3
40908 8.3	41576 1.11	42048 2.3	42208 2.2	42442 6.1	42804 6.2
40909 8.3	41607 6.1	42048 2.4	42208 2.3	42442 6.2	42805 6.2
40918 6.1	41611 6.1	42048 2.7	42208 2.4	42443 2.9	42811 6.2
40918 6.2	41612 6.1	42061 4.1	42208 2.5	42447 1.8	42811 7.5
40921 1.1	41619 1.7	42061 4.6b	42208 2.6	42448 1.8	42812 5.3
40922 1.1	41619 1.9	42064 6.2	42223 7.1	42453 5.4	42813 5.3
40955 8.3	41627 1.1	42065 6.1	42227 1.7	42491 1.6	42814 6.2
40956 8.3	41627 6.2	42066 6.2	42229 2.1	42513 1.7	42814 7.5
40960 2.2	41632 1.4	42069 7.5	42229 2.3	42523 1.11	42815 6.2
40960 2.4	41704 1.7	42070 1.9	42284 1.6	42530 7.5	42815 7.5
40960 2.5	41708 1.8	42076 4.1	42292 7.5	42531 7.5	42816 6.2
40960 2.6	41709 1.8	42076 4.6b	42293 4.3	42535 7.5	42816 7.5
40960 6.2	41710 1.8	42089 4.8a	42293 7.5	42556 4.2	42817 7.5
40970 1.11	41711 1.8	42089 4.8b	42316 7.4	42563 8.2	42818 7.3
41042 2.9	41712 1.8	42091 4.6a	42317 7.4	42564 8.2	42819 7.3
41045 1.11	41713 1.8	42091 4.6b	42321 4.1	42571 1.1	42820 7.3
41065 1.11	41714 1.8	42106 1.11	42322 4.4a	42572 1.1	42829 1.12
41066 1.11	41738 1.11	42107 1.11	42322 4.4b	42573 1.1	42844 1.12
41104 7.3	41752 1.8	42108 1.11	42325 5.2	42574 1.1	42845 1.12
41123 1.11	41753 1.8	42110 1.11	42350 1.3	42606 7.5	42847 7.2
41149 4.3	41778 1.11	42158 4.3	42368 5.1	42607 5.4	42847 7.5
41189 2.7	41791 1.7	42185 7.4	42402 7.1	42608 5.4	42848 6.2
41290 1.3	41791 6.2	42186 7.4	42403 7.1	42609 5.4	42848 7.5

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43515	8.4b	42850	4.7	43571	4.8D	43814	4.9c	44345	8.3	44714	1.8
43516	8.4a	42851	4.7	43579	4.9a	43840	2.8	44347	2.5	952766	3.1
43516	8.4b	42908	5.3	43631	1.4	43850	1.8	44347	2.6	953603	5.2
43517	8.4a	42918	5.3	43633	1.4	43853	1.8	44348	2.5	953780	8.1
43517	8.4b	42931	1.9	43634	1.3	43854	1.8	44348	2.6	954434	3.3
43518	8.4a	42953	5.4	43634	1.4	43860	1.8	44349	2.5	956137	2.1
43518	8.4b	42954	5.4	43635	1.4	43861	1.8	44549	2.6	956137	2.2
43520	8.4a	42955	5.4	43636	1.3	43865	1.8	44357	3.1	956137	2.3
43520	8.4b	42987	1.7	43636	1.4	43866	1.8	44358	3.1	956137	2.4
43521	8.4a	43033	4.4a	43649	8.4a	43867	1.8	44366	8.1	956137	2.5
43522	8.4a	43033	4.4b	43649	8.4b	43877	8.2	44368	6.2	956137	2.6
43522	8.4b	43033	4.8a	43701	7.5	43879	7.5	44379	4.8b	956429	3.3
43536	4.6a	43093	7.1	43714	8.5	43903	4.4a	44380	4.8b	956659	3.4
43536	4.6b	43099	8.4a	43721	4.9c	43903	4.4b	44384	2.5	956660	3.4
43536	4.8a	43099	8.4b	43722	4.9b	43903	4.6a	44385	2.6	956792	1.12
43536	4.8b	43136	2.7	43722	4.9c	43903	4.6b	44406	2.7	957259	5.1
43537	7.4	43150	4.9a	43723	4.9b	43903	4.8a	44408	1.7	957259	5.2
43539	4.2	43154	4.9a	43723	4.9c	43903	4.8b	44418	8.2	957785	3.2
43539	8.4a	43155	4.9a	43724	4.9b	44022	1.12	44450	2.5	958336	8.1
43539	8.4b	43164	5.3	43724	4.9c	44023	1.12	44462	8.4b	958674	3.2
43540	4.2	43165	5.3	43726	1.1	44024	1.12	44471	2.2	958722	1. 10
43540	8.4a	43166	5.3	43728	4.9c	44026	1.12	44471	2.4	958724	1. 10
43540	8.4b	43167	5.3	43729	4.9b	44101	8.2	44472	2.1	959090	2.1
43541	4.2	43168	5.3	43758	1.8	44146	3.3	44472	2.3	959090	2.2
43541	8.4a	43169	5.3	43768	1.8	44237	8.3	44473	4.9c	959090	2.3
43541	8.4b	43170	5.3	43771	4.5	44247	8.5	44570	4.5	959090	2.4
43554	1.11	43203	8.4a	43776	1.11	44271	4.9b	44575	2.6	959090	2.5
43558	3.1	43203	8.4b	43780	1.11	44272	8.5	44576	2.5	959090	2.6
43558	3.2	43276	7.5	43791	1.11	44273	B.5	44613	1.11	959630	4.4a
43558	4.1	43401	1.4	43808	2.1	44279	5.3	44614	1.11	959630	4.4b
43559	7.4	43456	7.2	43808	2.3	44281	5.3	44615	1.11	959631	4.4a
43560	7.4	43495	4.3	43808	2.5	44299	4.9c	44616	1.11	959631	4.4b
43561	7.4	43497	1.4	43808	2.6	44309	7.1	44617	4.9c	959832	4. 10
43570	4.6a	43514	8.4a	43812	4.9b	44311	2.5	44621	2.6	960270	3.1
43570	4.6b	43514	8.4b	43812	4.9c	44311	2.6	44712	1.8	960271	3.1
43571	4.8a	43515	8.4a	43814	4.9b	44344	7.1	44713	1.8	960475	3.2

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960497	2.9	961499	4.6b	961761	4.8a	962270	4.3	962734	7.4		
960498	2.9	961508	1.5	961761	4.8b	962271	4.2	962753	4.6b		
960680	1.9	961510	1. 10	961762	5.1	962271	5.2	962754	1.5		
960680	6.2	961528	1.7	961762	5.2	962272	4.3	962757	2.2		
960681	1.9	961544	1.7	961763	5.1	962273	4.3	962757	2.4		
960681	6.2	961614	1.2	961763	5.2	962313	1.4	962761	2.5		
960740	2.2	961616	1.2	961765	5.1	962335	8.4a	962761	2.6		
960798	3.4	961693	6.2	961766	4.4a	962335	8.4b	962895	4.9c		
960805	2.7	961696	1.3	961766	4.4b	962336	8.4a	962898	4.9b		
960806	2.7	961707	1.7	961770	4.4a	962336	8.4b	U-1626	8.1		
960836	2.1	961708	1.7	961770	4.4b	962337	8.4a	U-1628	8.3		
960836	2.3	961733	4.6a	961771	4.8a	962337	8.4b	U-1992	8.2		
960836	2.5	961736	2.4	961772	4.8a	962348	8.4a	U-2058	1.3		
960837	2.2	961737	2.3	961833	1.3	962348	8.4b	U-2326	1.3		
960837	2.4	961738	2.4	961834	1.3	962349	8.4a				
960837	2.6	961739	2.3	961904	4.3	962349	8.4b				
960840	2.1	961740	2.2	961928	2.1	962350	8.4a				
960840	2.3	961741	2.1	961928	2.2	962350	8.4b				
96OB4O	2.4	961742	2.9	961928	2.3	962351	8.4a				
960840	2.5	961744	4.4a	961928	2.4	962351	8.4b				
960840	2.6	961744	4.4b	961928	2.5	962352	4.2				
960851	1. 10	961745	7.4	961928	2.6	962352	8.4a				
961028	8.1	961747	5.1	961932	1.7	962352	8.4b				
961063	8.1	961748	4.2	961939	1.2	962353	8.4a				
961299	1.12	961754	5.2	962250	7.2	962353	8.4b				
961300	1.12	961755	5.1	962266	4.1	962409	8.4b				
961303	2.1	961755	5.2	962266	5.2	962503	3.4				
961303	2.3	961756	4.1	962267	4.2	962520	5.1				
961325	8.4a	961756	5.2	962267	4.3	962520	5.2				
961325	8.4b	961759	7.5	962267	8.4a	962562	7.4				
961326	8.4a	961760	4.6a	962267	8.4b	962563	7.4				
961366	7.3	961760	4.6b	962268	4.1	962586	1.12				
961452	1.3	961760	4.8a	962268	4.3	962587	1.12				
961452	1.4	961760	4.8b	962269	4.3	962690	7.5				
961488	1.4	961761	4.6a	962269	5.1	962725	2.5				
961499	4.6a	961761	4.6b	962270	4.2	962726	2.6				

QUICK REFERENCE MAINTENANCE LIST

8.7

1. Engine oil filter 42650
2. Engine fuel filter 42649
3. Hydraulic oil filter 35243 (2 required)
4. Hi- flow oil filter 43541
5. Primary air filter element 42402
6. Safety air filter element 42403
7. Hydraulic / engine oil 10W30 6470
8. Hydraulic / engine oil 20W50 22935
9. Lubriplate lithium grease 35062
10. Silicone 20901
11. Pipe thread sealant 34288
12. Multi purpose grease 4557
13. Chain tightened sealant 32665
14. Neversieze 10837
15. 454 Loctite 42904
16. 480 Loctite 35845
17. 419 Loctite 35395
18. Gasket adhesive 10683
19. Engine oil 5W40 API CF, semi synthetic ...42698 (20 litre container)

QUICK REFERENCE MAINTENANCE LIST

8.7