

303

Compact Excavator

PARTS MANUAL



Introduction

When ordering service parts, specify the correct part number, full description, quantity required, the unit model number and serial number. For your safety and continued proper operation, use only genuine GEHL service parts.

The model and serial number for this unit are on a tag located on a panel on the front of the cabin.

“Right” and “left” are determined from a position sitting on the seat and facing forward. From this position, the cab is on the “left” and the hydraulic valve compartment is on the “right”.

GEHL® Company reserves the right to make changes or improvements in the design or construction of any part of the unit without incurring the obligation to install such changes on any previously delivered units.

Refer to the abbreviations table located on this page for the various fastener descriptions. Standard attaching hardware torque values are also provided on the inside back cover. Metric torque values shown in the illustra-

tions are in Newton-meters and can be converted to Foot-pounds by multiplying by 0.738.

In the exploded view parts list, Reference Numbers may have additional information following the Reference Number.

Unless otherwise specified, all Cap Screws or Bolts are Grade 5, cadmium or zinc plated; Hexagon Nuts for Grade 5 Screws or Bolts are Grade B; Hexagon Nuts for other Screws or Bolts are Grade A.

NOTE: *The following abbreviations may be used herein:*

CP	– Cotter Pin
CS	– Cap Screw (Hexagon Head)
FHCS	– Flat Head Cap Screw
HN	– Hex Nut
LN	– Lock Nut
LT	– Left Hand
M	– Metric
MM/mm	– Millimeter
RT	– Right

TABLE OF CONTENTS

Introduction	Inside Front Cover	Exhaust Manifold	52
Decal Locations	2-7	Intake Manifold	53
Undercarriage	8	Pump Drive	54
Track Tensioning	9	Hydraulic Oil Tank	55
Track-Supporting Roller	10	Oil Cooler	56
Track Roller	11	Hydraulic Pump	57
Dozer Blade	12	Travel Motors	58
Uppercarriage	13	Swivel Joint	59-60
Lubrication Block	14	Turning Gear	61
Rear Wall	15	Control Valve	62-63
Counterweight	16	Pilot Oil Supply	64-66
Valve Cover	17	Pilot Operation Check Valve	67
Lifting Arm	18	Dozer Blade Reversing Valve	68
Short Dipper Arm	19	Lock Valve	69
Long Dipper Arm	20	Manifold Block	70
Connecting Link	21	Joysticks	71
Cabin Windows	22	Traveling Valve	72
Windshield	23	Auxiliary Hydraulics	73
Cabin Door	24	Lifting Arm Cylinder	74
Cabin Frame	25-27	Dipper Arm Cylinder	75
Open Canopy	28	Dipper Cylinder	76
Sash Window	29	Swivel Cylinder	77
Cabin Wiring	30	Dozer Blade Cylinder	78
Operator's Seat	31	Hoses, Hydraulic Oil Cooler	79
Cabin Floor	32	Hoses, Hydraulic Pump	80
Cabin Heating	33	Hoses, Traveling Gears	81
Engine Mounts	34	Hoses, Turning Gear	82
Radiator	35	Hoses, Swivel Cylinder	83
Air Cleaner	36	Hoses, Dozer Blade Cylinder	84
Exhaust	37	Hoses, Joysticks	85
Fuel Tank	38	Hoses, Traveling Valve	86
Fuel System	39	Tubes, Control Valve	87
Throttle	40	Tubes, Short Liftarm	88
Oil Pump, Pan & Filter	41	Tubes, Long Liftarm	89
Cylinder Head	42	Battery	90
Stop Solenoid	43	Engine Harness	91
Fuel Injection Pump	44	Harness, Right Armrest	92
Fuel Injection	45	Harness, Uppercarriage	93
Fuel Filter	46	Headlight	94
Fuel Pump	47	Tool Kit	95
Alternator	48	Tool Box, Grease Gun Bracket	96
Starter	49	Alphabetical Index	97
Thermostat	50	Numerical Index	98-105
Water Pump & Fan	51	Torque Chart	Inside Rear Cover

DECAL LOCATIONS

GENERAL INFORMATION

Decal location information is provided to assist in the proper selection and application of new decals, in the event the original decals become damaged or the machine is repainted. Refer to the listing for the illustration reference number, part number, description and quantity of each decal provided in the kit. Refer to the appropriate illustrations for replacement locations.

To ensure proper selection of the correct replacement decals, compare all of the various closeup location drawings to your machine before starting to refinish the unit. Then circle each shown decal (applicable to your machine) while checking off its part number in the listing. After you have verified all the decals needed for replacement, place any extra unnecessary decals aside for disposal.

NOTE: Refer to the *SAFETY* chapter of the *Operator's Manual* for the specific information provided on all of the various safety decals furnished in the decal kit(s).

NEW DECAL APPLICATION

Surfaces **MUST** be free from dirt, dust, grease and other foreign material before applying the new decal. To apply, remove the smaller portion of the decal backing paper and apply this part of the exposed adhesive backing to the clean surface while maintaining proper position and alignment. Peel the other portion of the backing paper off slowly while applying hand pressure to smooth out the decal surface.



CAUTION

ALWAYS follow safety precautions on decals. Replace the decals if they are damaged, or if the unit is repainted. If repainting, **BE SURE** all applicable decals are affixed to your unit.

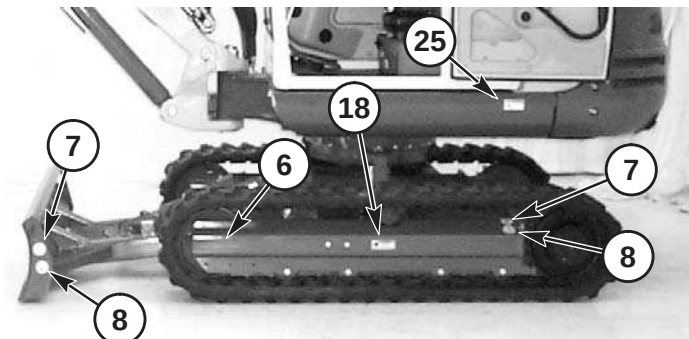
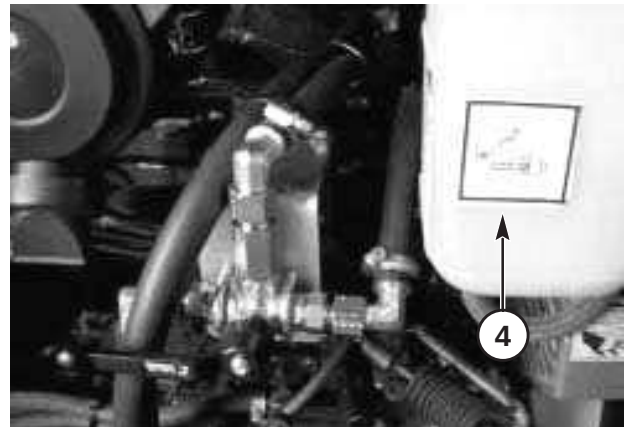
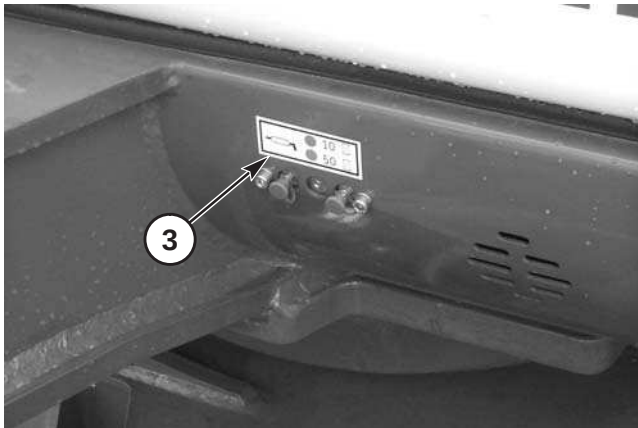
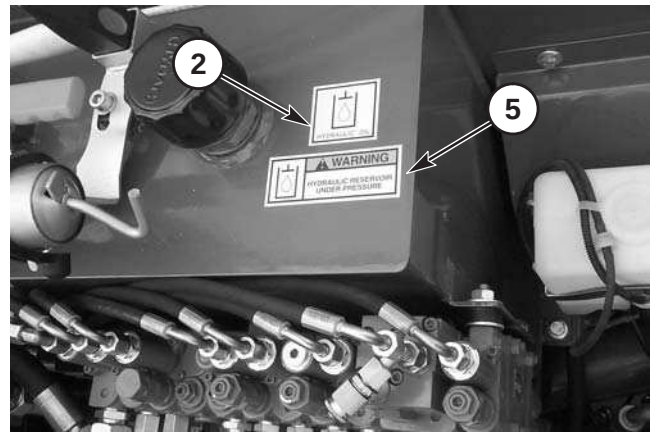
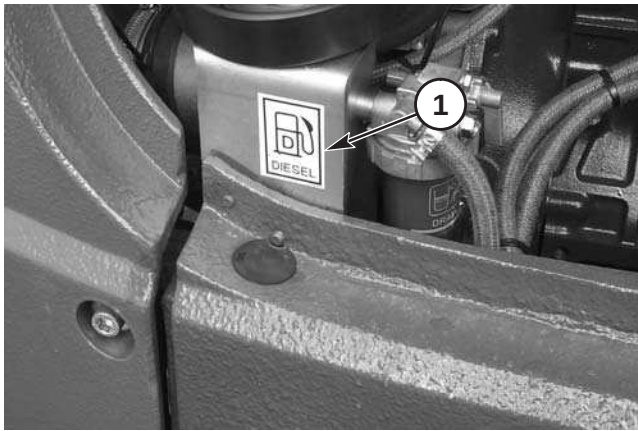
PAINT NOTICE

Use this list to order paint for refinishing:

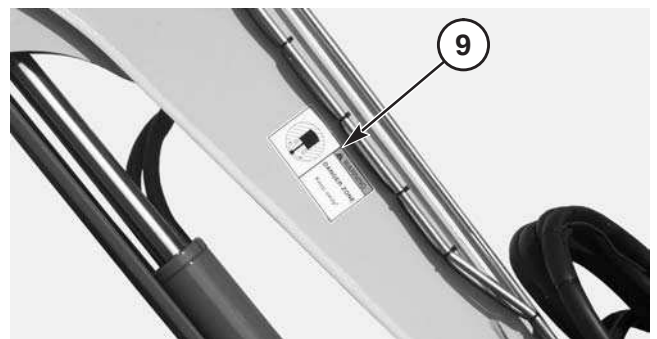
906213	One Gal. Construction Yellow
906323	One Qt. Charcoal Grey
906317	One Gal. Charcoal Grey
906214	6 (12 oz. Spray Cans) Yellow
906318	6 (12 oz. Spray Cans) Grey

The decal kit for the model 303 Compact Excavator is listed below:

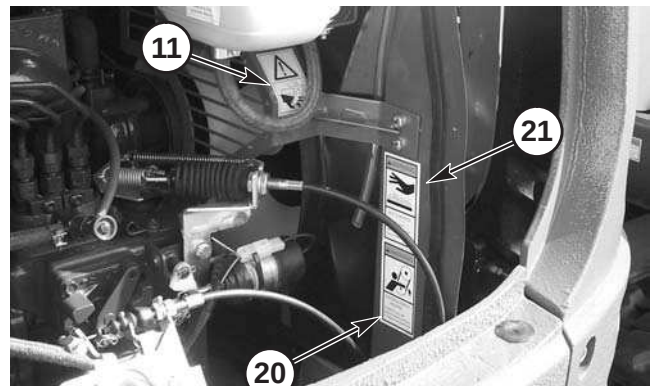
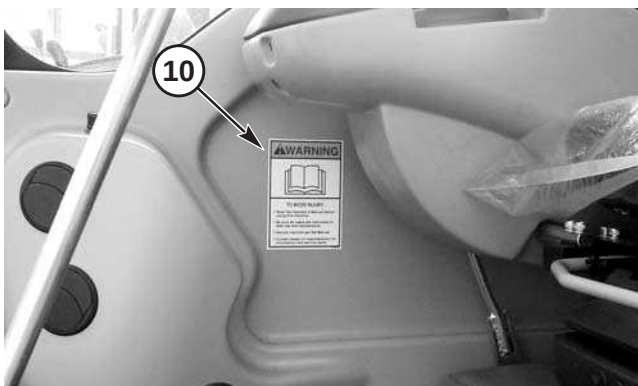
Ref.	Part	
No.	No.	Description & Quantity
	163985	Decal Kit - 303
1	161965	Diesel Fuel
2	161966	Hydraulic Oil
3	161967	Lubrication
4	161968	Heater Valve (cab models only)
5	161969	WARNING – Hydraulic Reservoir
6	161970	Arrow (2 places)
7	161981	Lift Point (4 places)
8	161982	Tiedown Point (4 places)
9	161985	WARNING – Keep Away (2 places)
10	161986	WARNING – Read Manual
11	161987	WARNING – Engine Fan
12	162450	Travel – Left
13	162451	Travel – Right
14	162452	Right Joystick Control
15	162453	Left Joystick Control
16	162832	Hydraulics Compartment Latch
17	163973	WARNING – Mandatory Shutdown
18	163975	WARNING – Avoid Injury (2 places)
19	163976	WARNING – Avoid Injury
20	163977	WARNING – Entanglement Hazard
21	163978	WARNING – Hot Surface
22	163979	Valve Position
23	163992	Left Graphic
24	163993	Right Graphic
25	163994	WARNING – Counterweight (2 places)
26	163995	Dozer Blade Control
27	163996	Bypass Ball Valve
28	164853	Engine Compartment Latch
29	164854	WARNING – Avoid Injury
30	165898	Manual Throttle
31	165906	Glow plug
32	159519	GEHL
33	L82282	GEHL (4 places, 3 places on canopy models)
34	164988	303 (2 places)



Both Sides



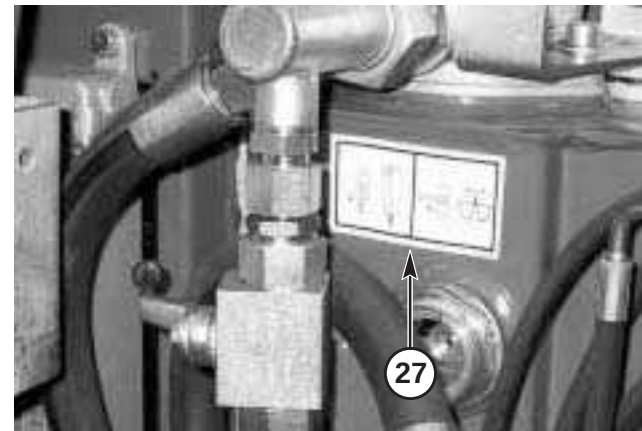
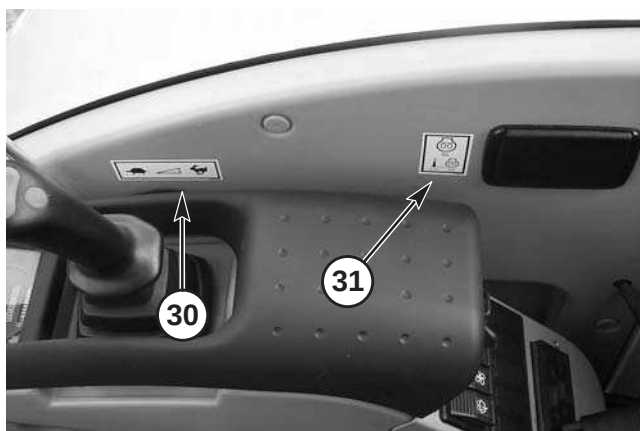
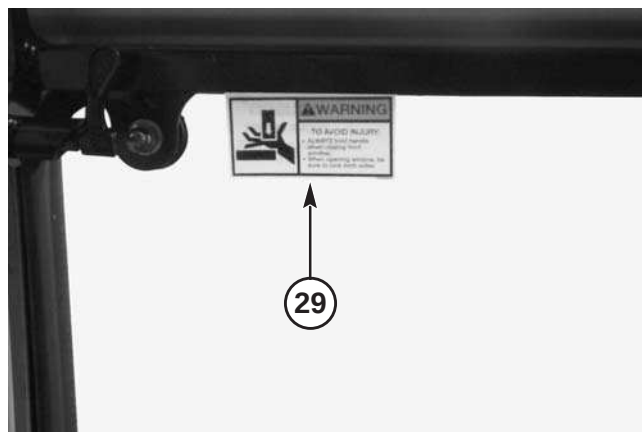
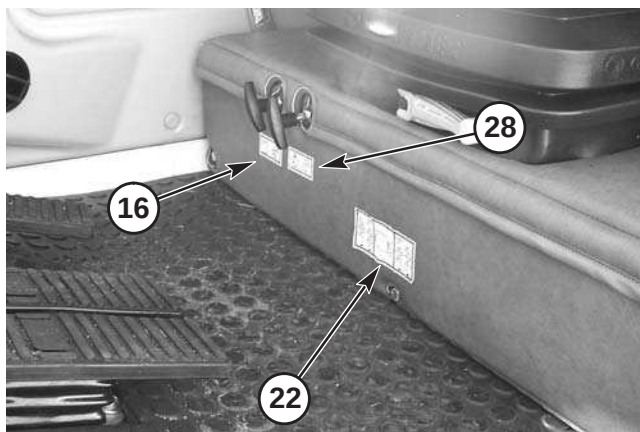
Both Sides



The decal listing has been repeated for your convenience.

Ref. No.	Part No.	Description & Quantity
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	163985	Decal Kit - 303			
1	161965	Diesel Fuel	15	162453	Left Joystick Control
2	161966	Hydraulic Oil	16	162832	Hydraulics Compartment Latch
3	161967	Lubrication	17	163973	WARNING – Mandatory Shutdown
4	161968	Heater Valve (cab models only)	18	163975	WARNING – Avoid Injury (2 places)
5	161969	WARNING – Hydraulic Reservoir	19	163976	WARNING – Avoid Injury
6	161970	Arrow (2 places)	20	163977	WARNING – Entanglement Hazard
7	161981	Lift Point (4 places)	21	163978	WARNING – Hot Surface
8	161982	Tiedown Point (4 places)	22	163979	Valve Position
9	161985	WARNING – Keep Away (2 places)	23	163992	Left Graphic
10	161986	WARNING – Read Manual	24	163993	Right Graphic
11	161987	WARNING – Engine Fan	25	163994	WARNING – Counterweight (2 places)
12	162450	Travel – Left	26	163995	Dozer Blade Control
13	162451	Travel – Right	27	163996	Bypass Ball Valve
14	162452	Right Joystick Control	28	164853	Engine Compartment Latch
			29	164854	WARNING – Avoid Injury
			30	165898	Manual Throttle
			31	165906	Glow plug
			32	159519	GEHL
			33	L82282	GEHL (4 places, 3 places on canopy models)
			34	164988	303 (2 places)



Overhead Panel Decals – positioning may vary by model and cabin style

1. 	2. 	! WARNING MANDATORY SAFETY SHUTDOWN PROCEDURE 1. Lower all equipment to ground. 2. Reduce throttle; shut off engine. 3. Lock out controls before exiting. 4. Remove key and take it with you.
3. 	4. 	

9705272G

1. 	2. 	! WARNING TO AVOID INJURY: 1. Load and transport unit properly. Inspect job-site for hazards. 2. Operate only from operator's seat. Fasten seatbelt. 3. Keep people out of DANGER ZONE. 4. Operate within stability limit of machine. DO NOT OVERLOAD. Use only approved attachments.
3. 	4. 	

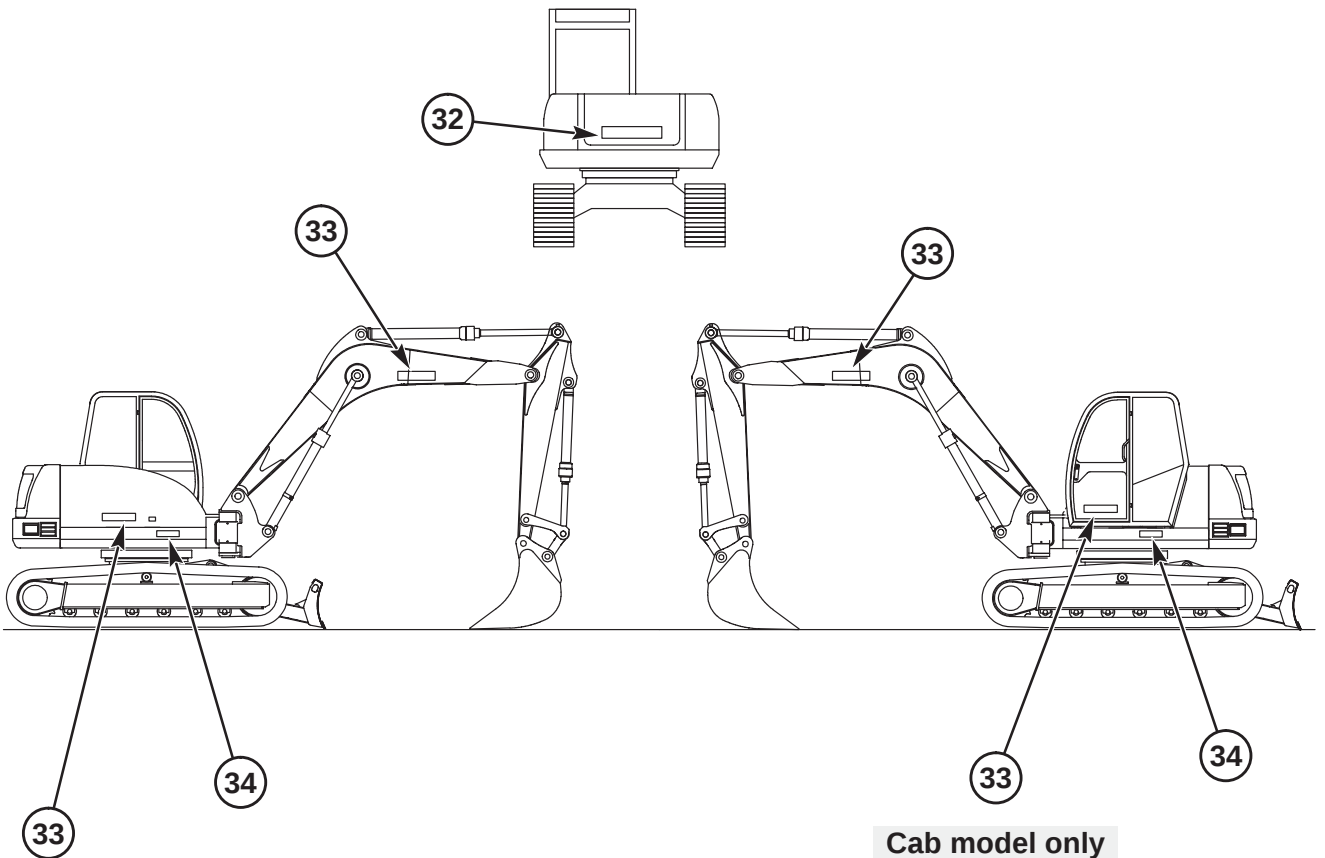
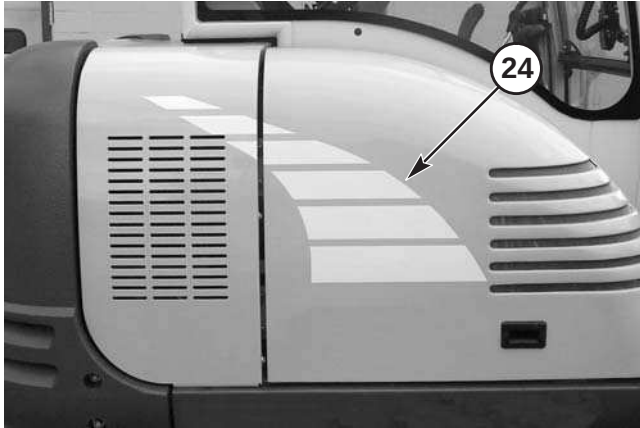
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15 	12 	13 	14 	26
1 2 		TRAVEL LEFT KETTE LINKS FORWARD VORWÄRTS REVERSE RÜCKWÄRTS	TRAVEL RIGHT KETTE RECHTS FORWARD VORWÄRTS REVERSE RÜCKWÄRTS	1 2

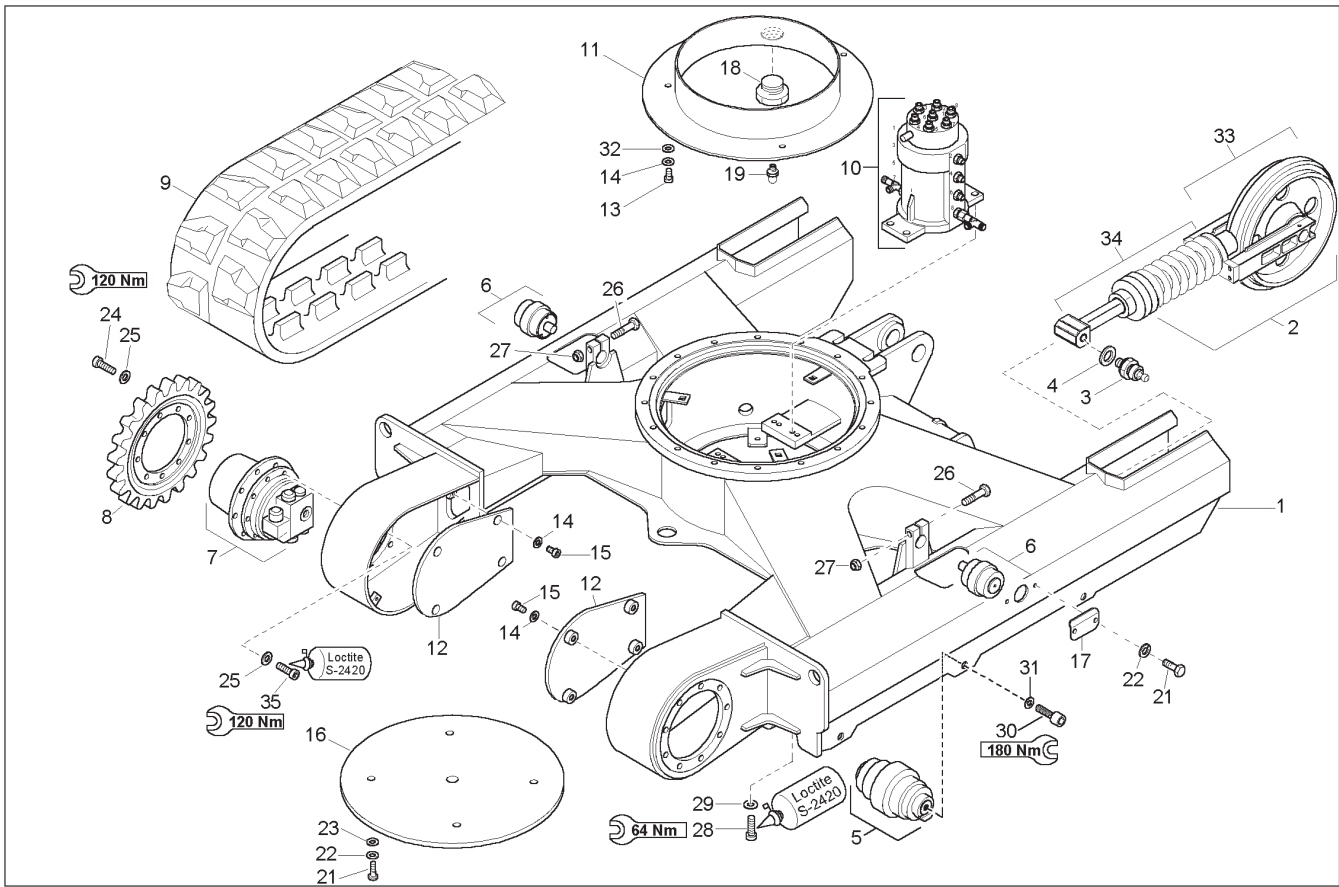
The decal listing has been repeated for your convenience.

Ref. No.	Part No.	Description & Quantity
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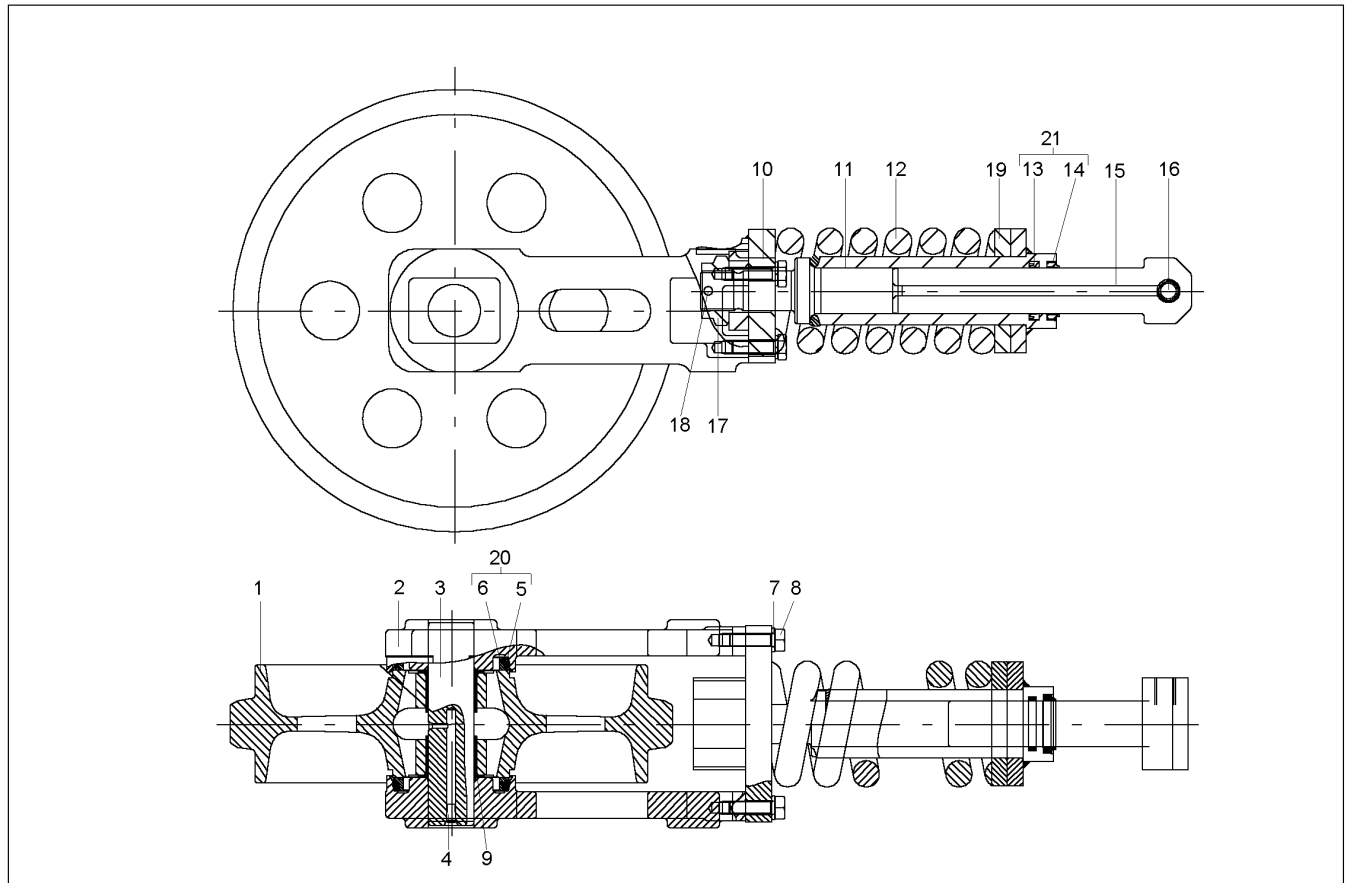
	163985	Decal Kit - 303			
1	161965	Diesel Fuel	15	162453	Left Joystick Control
2	161966	Hydraulic Oil	16	162832	Hydraulics Compartment Latch
3	161967	Lubrication	17	163973	WARNING – Mandatory Shutdown
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5	161969	WARNING – Hydraulic Reservoir	19	163976	WARNING – Avoid Injury
6	161970	Arrow (2 places)	20	163977	WARNING – Entanglement Hazard
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			30	165898	Manual Throttle
			31	165906	Glow plug
			32	159519	GEHL
			33	L82282	GEHL (4 places, 3 places on canopy models)
			34	164988	303 (2 places)



303 - UNDERCARRIAGE

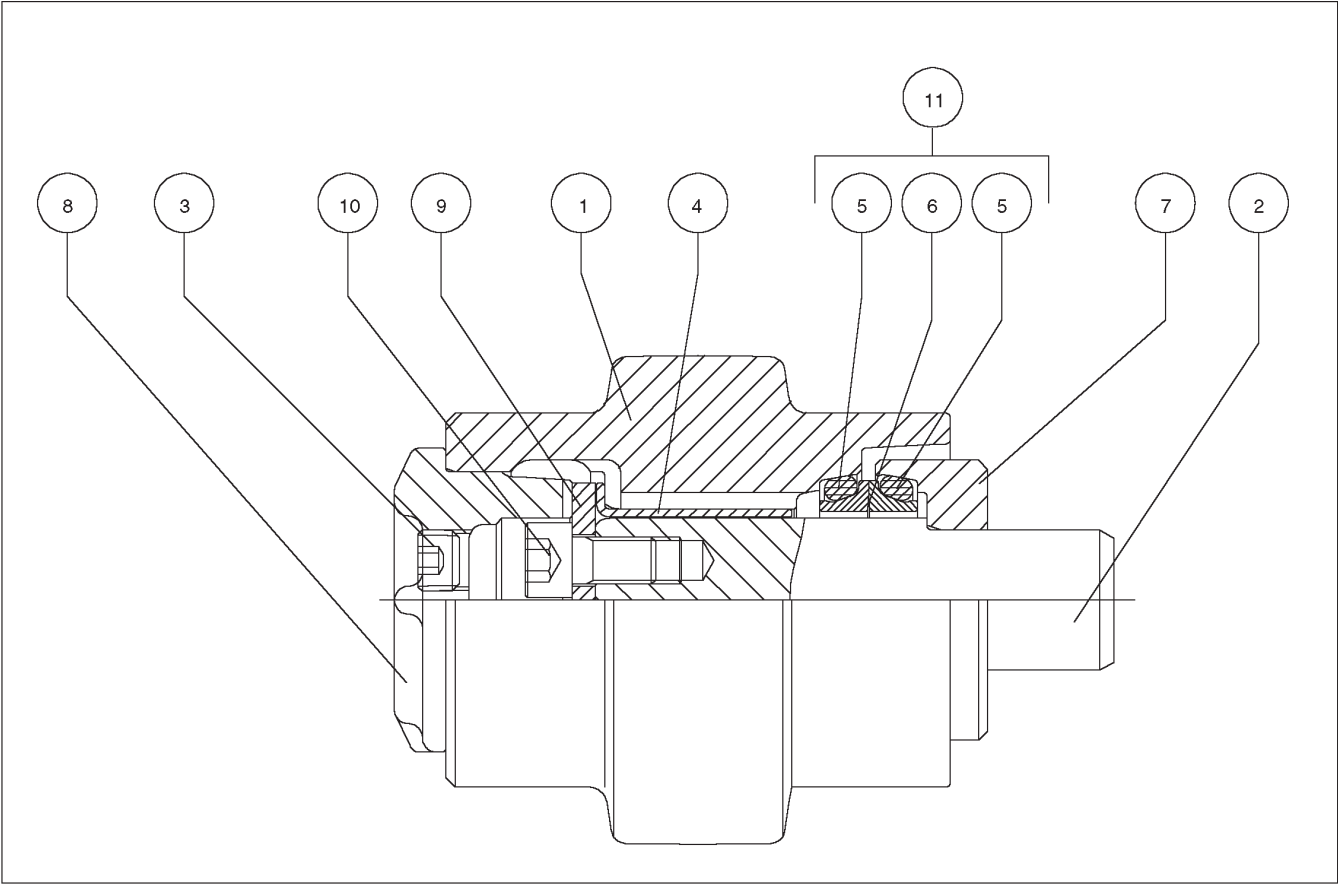


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165597	UNDERCARRIAGE	1	17	162331	COVER	2
02	165605	TRACK TENSIONING COMPLETE	2	18	165119	PLUG	1
03	160638	NON RETURN VALVE	2	19	161412	LUBRICATION NIPPLE	1
04	160865	SCREW SEAL	2	20	161416	PROTECTION CAP	1
05	165122	ROLLER COMPLETE	8	21	656090	CS M10-1.5 X 16 C 8.8	8
06	165124	ROLLER COMPLETE	2	22	161669	RING/SNAP S10	8
07	165662	TRACK DRIVE UNIT	2	23	161640	WASHER/GR A 10.5	4
08	165121	SPROCKET	2	24	651480	SHCS HS M12-1.7 X 30 10.9	18
09	165603	RUBBER CHAIN	2	25	161620	LW SPRING 12	36
10	162526	SWIVEL JOINT	1	26	651489	SHCS HS M12-1.7 X 65 10.9	2
11	165602	BRACKET	1	27	651449	HLN INS M12-1.7	2
		(AFTER SN AB00285)		28	162022	SCREW	4
	165599	BRACKET	1	29	161635	WASHER/NORD-LOCK NL 10 STUCK ..	4
		(BEFORE SN AB00286)		30	165945	SCREW	16
12	165117	COVER	2	31	164920	WASHER	16
13	656001	CS M8-1.2 X 20 C 8.8	11	32	161662	WASHER/GR A 8.4	3
14	161676	RING/SNAP S8	11	33	165126	TENSION WHEEL + SLIDE PART	2
15	161661	WASHER/GR A 8.4	8	34	165606	SPRING SET	2
16	165598	COVER	1	35	163628	SCREW	18

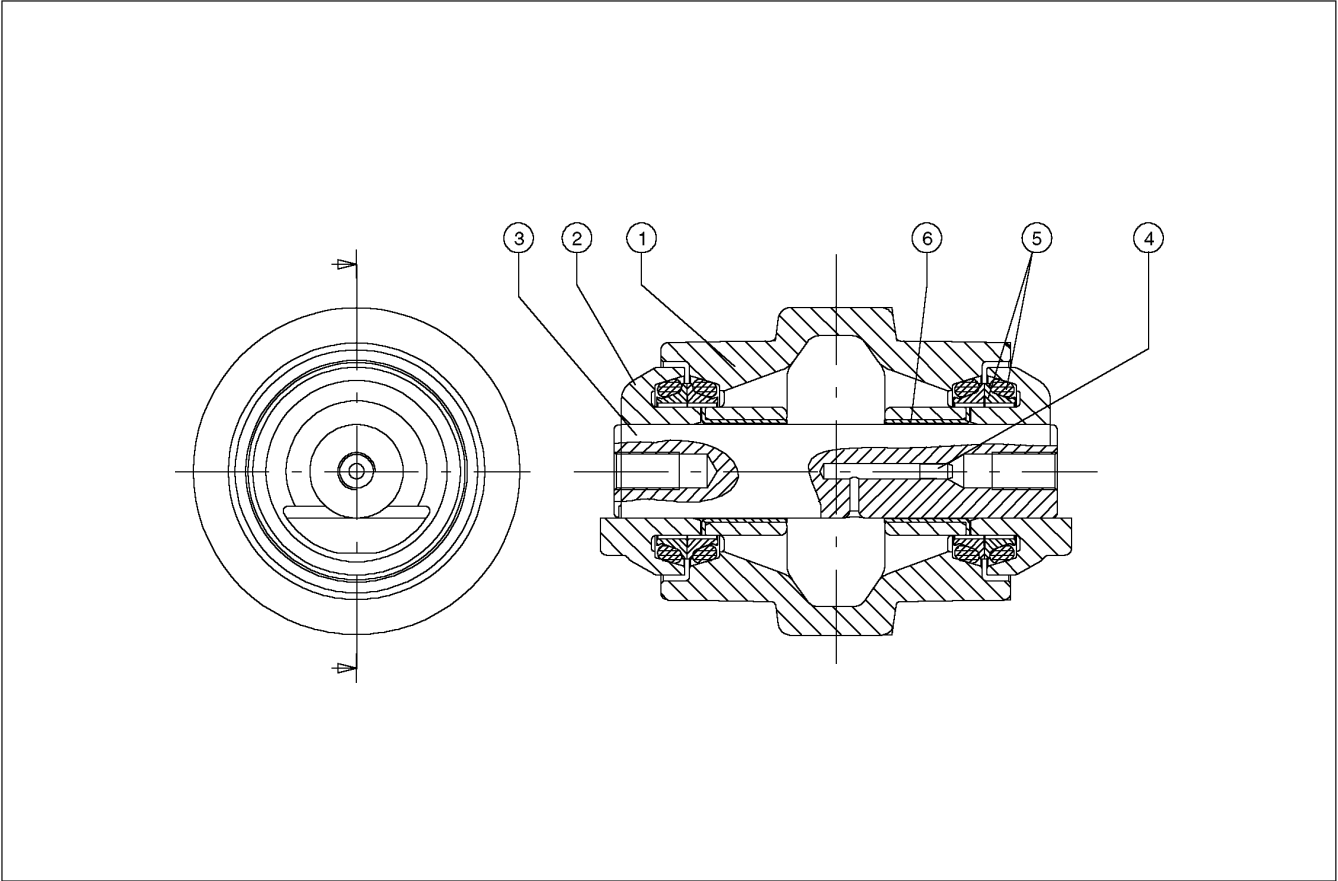


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165140	TENSION WHEEL	1	12	165131	SPRING	1
02	165139	BRACKET	2	13	165130	SEAL	1
03	165138	SHAFT	1	14	165129	SEAL	1
04	162750	PLUG	1	15	165128	GLAND	1
05	165137	SEAL	2	16	165141	PLUG	1
06	165136	SEAL	2	17	162757	NUT	1
07	165135	SPRING	4	18	162758	COTTERPIN	1
08	165134	SCREW	4	19	165607	SPACER	1
09	162754	BUSHING	2	20	160983	O-RING	1
10	165133	GUIDE	1	21	165608	SEAL KIT	1
11	165132	TENSION CYLINDER	1				

303 - TRACK-SUPPORTING ROLLER

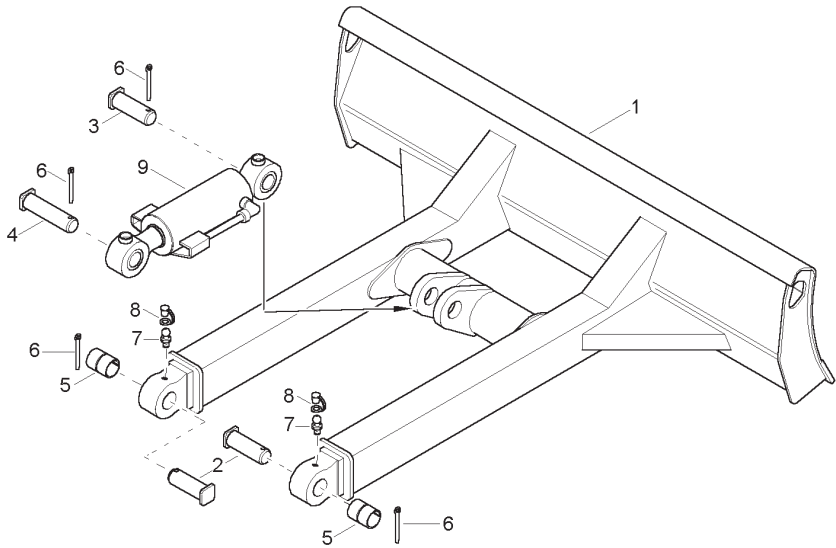


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165144	ROLLER.....	1	07	165142	CUFF	1
02	165143	SHAFT	1	08	163183	COVER	1
03	163178	PLUG	1	09	163184	WASHER	1
04	163179	BUSHING	1	10	163185	SCREW	1
05	164244	O-RING	2	11	161074	SEALS FOR ROLLER	1
06	164245	SEAL	2				

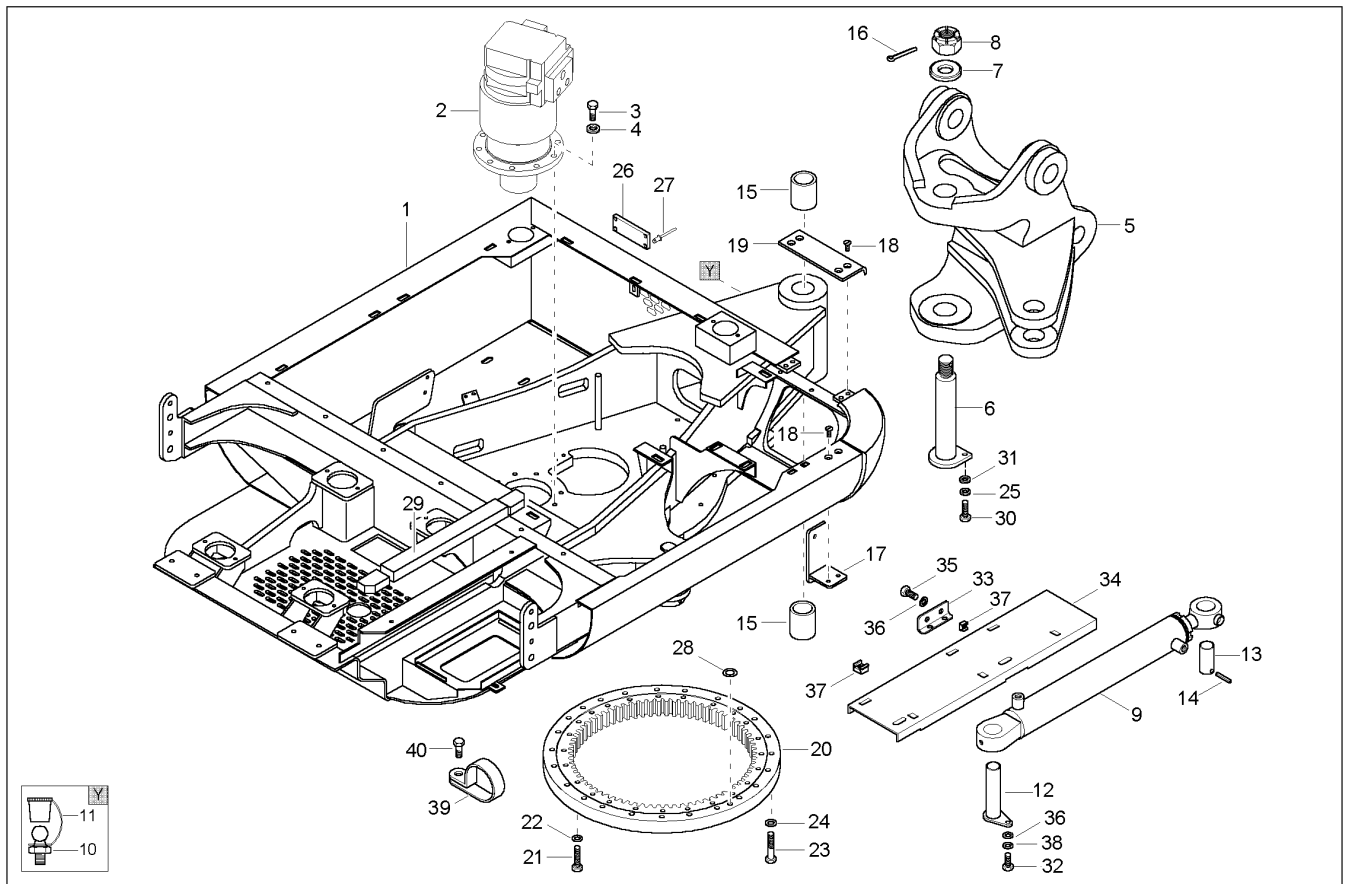


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165149	ROLLER	1	04	162750	PLUG	1
02	165148	PILLOW BLOCK	2	05	165146	SEAL KIT	1
03	165147	SHAFT	1	06	165145	BUSHING	2

303 - DOZER BLADE

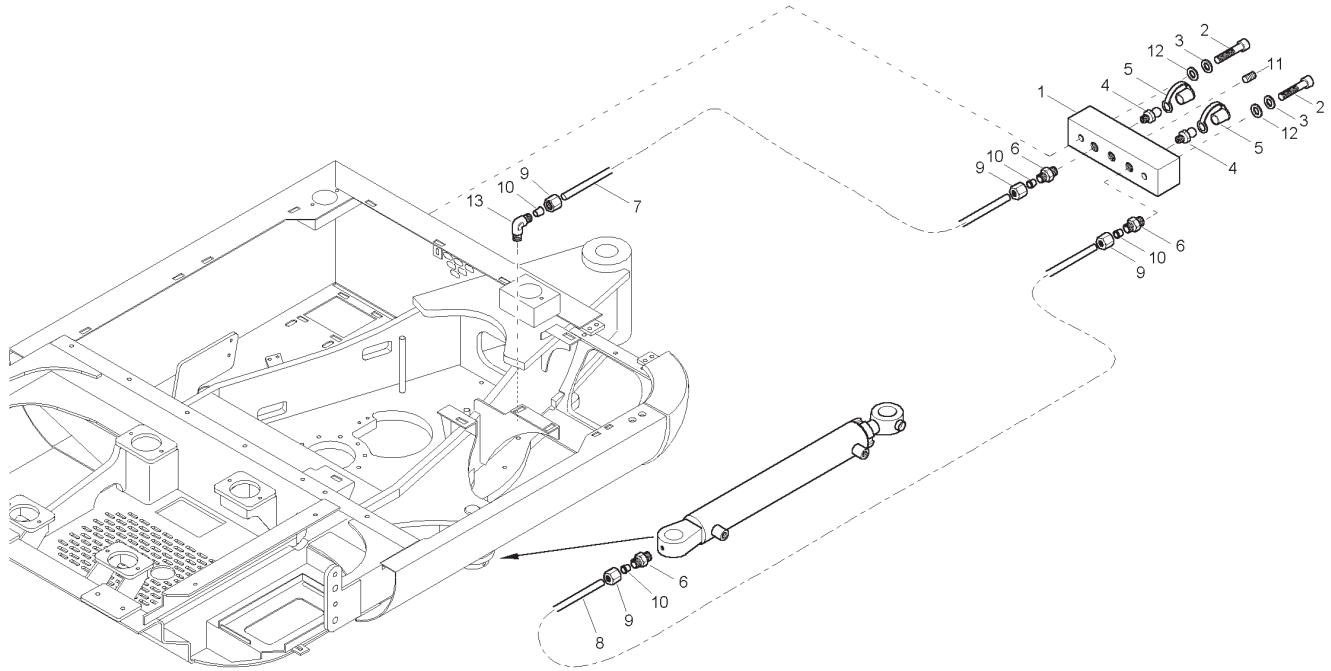


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165601	DOZER BLADE	1	06	161682	PIN/SPLIT 6.3 X 63	4
02	160811	PIN	2	07	161411	LUBRICATION NIPPLE	2
03	160813	PIN	1	08	161416	PROTECTION CAP	2
04	160812	PIN	1	09	165631	DOZER BLADE CYLINDER	1
05	161537	BUSHING	2				

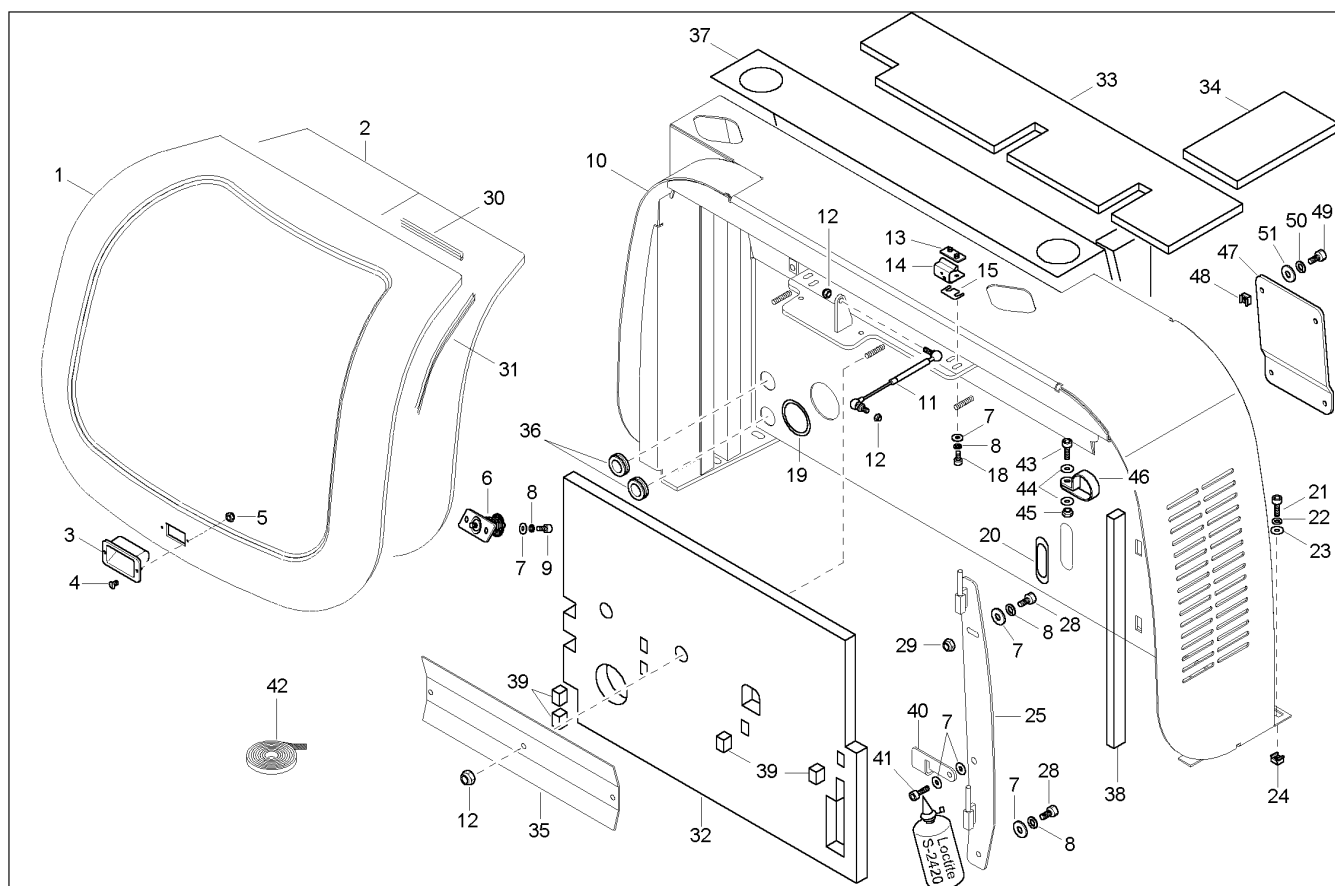


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165591	UPPERCARRIAGE	1	21	165940	SCREW	16
02	165660	ROTARY ACTUATOR COMPLETE	1	22	161647	WASHER/ROUND HI-TENS 17	16
03	163628	SCREW	10	23	162485	SCREW	24
04	161636	WASHER/NORD-LOCK NL 12 STUCK	10	24	165953	WASHER	24
05	165621	SWING BRACKET	1	25	161670	RING/SNAP S12	4
06	160810	PIN	1	26	160409	REFLECTOR	1
07	162345	COVER	1	27	161627	RIVET/BLIND A4 X 12	2
08	651443	HN SLTD M36-4	1	28	161570	O-RING	1
09	165630	BOOM OFFSET CYLINDER	1	29	165557	ISOLATION MAT	1
10	161411	LUBRICATION NIPPLE	1	30	162026	SCREW	2
11	161422	PROTECTION CAP	1	31	161642	WASHER/GR A 13	6
12	160815	PIN	1	32	163649	SCREW	1
13	165803	PIN DM=40x115	1	33	165634	BRACKET	1
14	651470	PIN/SPRING M8 X 80	1	34	165592	PROFILE	1
15	161534	BUSHING	2	35	656001	CS M8-1.2 X 20 C 8.8	2
16	165956	COTTERPIN	2	36	161661	WASHER/GR A 8.4	3
17	165090	BRACKET	1	37	161615	NUT/CAGE M8	10
18	165925	SCREW	6	38	161676	RING/SNAP S8	1
19	165596	COVER	1	39	165983	PIPE CLAMP	1
20	162522	TURNTABLE	1	40	165943	SCREW	1

303 - LUBRICATION BLOCK

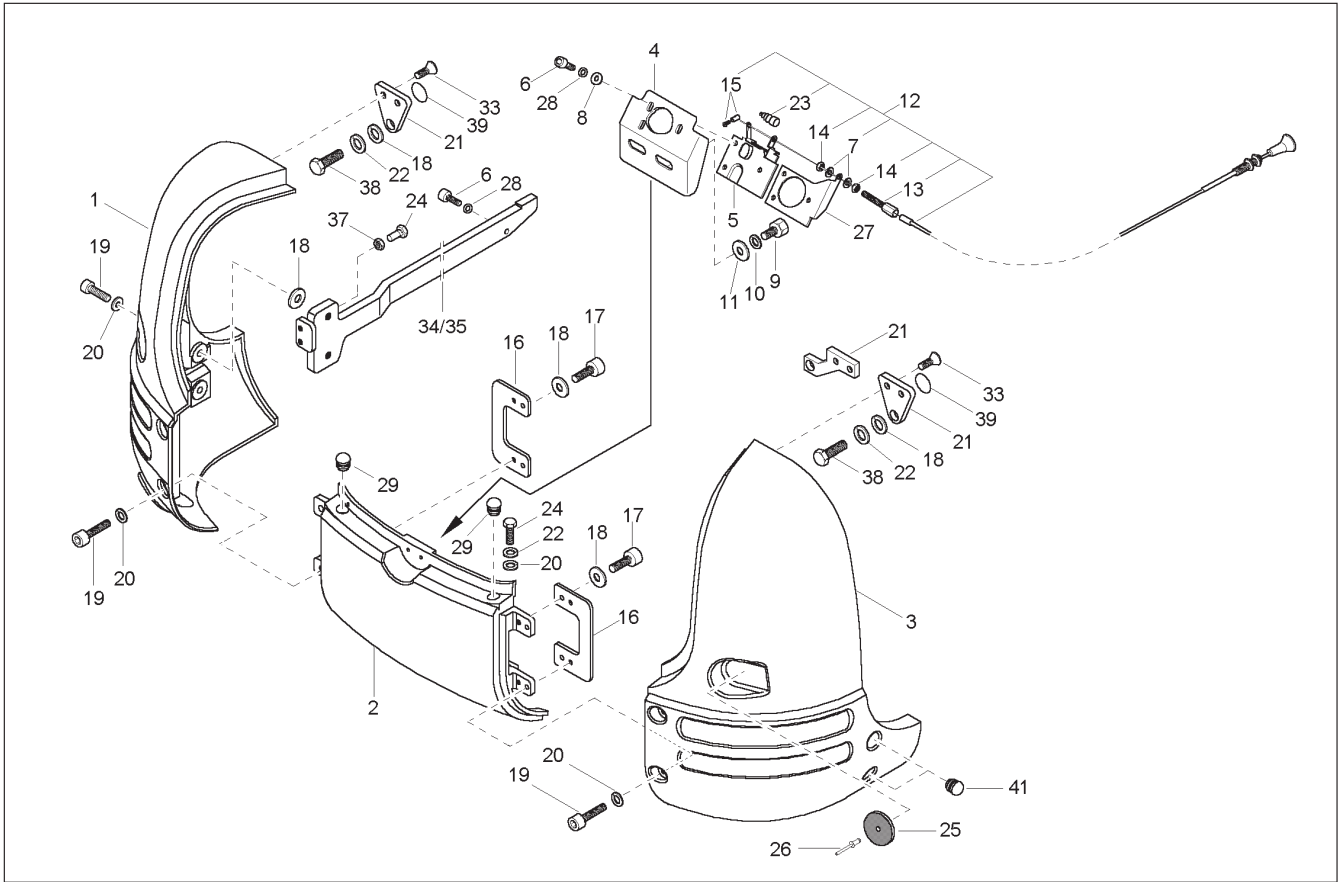


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	161722	LUBRICATION NIPPLE BLOCK	1	08	165916	LUBRICATION TUBE	1.6
02	651425	CS M6-1.0 X 30 C 8.8	2	09	161468	NUT	4
03	161675	RING/SNAP S6	2	10	161469	WASHER	4
04	161411	LUBRICATION NIPPLE	2	11	161401	SCREW MOUNT	1
05	161422	PROTECTION CAP	2	12	161660	WASHER/GR A 6.4	2
06	161461	SCREW JOINT	4	13	165964	ELBOW	1
07	165916	LUBRICATION TUBE	0.4				

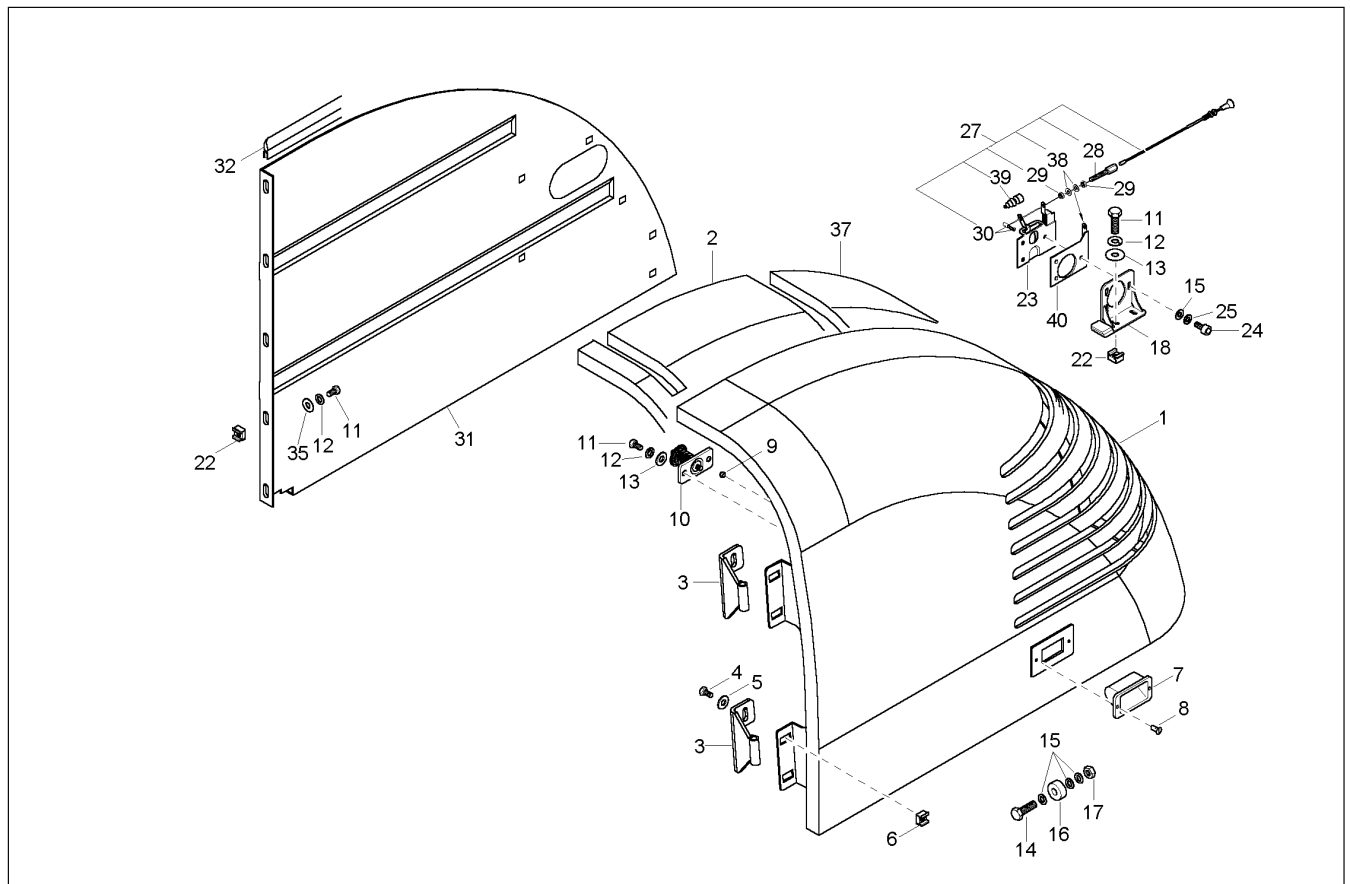


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165987	HOOD	1	29	161616	NUT/CAGE M8	1
02	165551	ISOLATION MAT	1	30	165921	RUBBER PROFILE	0.072
03	161064	HANDLE	1	31	165921	RUBBER PROFILE	0.23
04	651459	SCREW FCHC HS M14-2.0 X 16 8.8 ..	2	32	165552	ISOLATION MAT	1
05	656116	HN M4-.7	2	33	165553	ISOLATION MAT	1
06	161061	BRACKET	1	34	165556	ISOLATION MAT	1
07	161661	WASHER/GR A 8.4	10	35	165068	STEEL	1
08	161676	RING/SNAP S8	8	36	165913	RUBBER FUNNEL	2
09	656093	CS M8-1.2 X 16 C 8.8	2	37	165698	THERMAL BLANKET 1	1
10	165988	REAR WALL	1	38	165560	ISOLATION MAT	1
11	161204	PNEUMATIC SPRING	1	39	165559	ISOLATION MAT BELOW	4
12	651458	HLN INS M8-1.2 8	5	40	165094	BRACKET	1
13	162716	PLATE	2	41	651430	CS M8-1.2 X 12 C 8.8	1
14	160882	HINGE	2	42	165574	FIXING STRIP	4
15	162675	BRACKET	2	43	651505	SHCS HS M5-0.8 X 20 8.8	1
18	651517	SHCS HS M8-1.2 X 30 8.8	4	44	161659	WASHER/GR A 5.3	2
19	165818	RUBBER PROFILE	0.15	45	165950	NUT	1
20	165818	RUBBER PROFILE	0.2	46	165114	CLAMP	1
21	165942	SCREW	12	47	165104	COVER	1
22	161669	RING/SNAP S10	12	48	161613	NUT/CAGE M6	4
23	161663	WASHER/GR A 10.5	12	49	656149	CS M6-1.0 X 16 C 8.8	4
24	161610	NUT/CAGE M10	8	50	161675	RING/SNAP S6	4
25	165079	STEERING	1	51	161660	WASHER/GR A 6.4	4
28	656001	CS M8-1.2 X 20 C 8.8	2				

303 - COUNTERWEIGHT

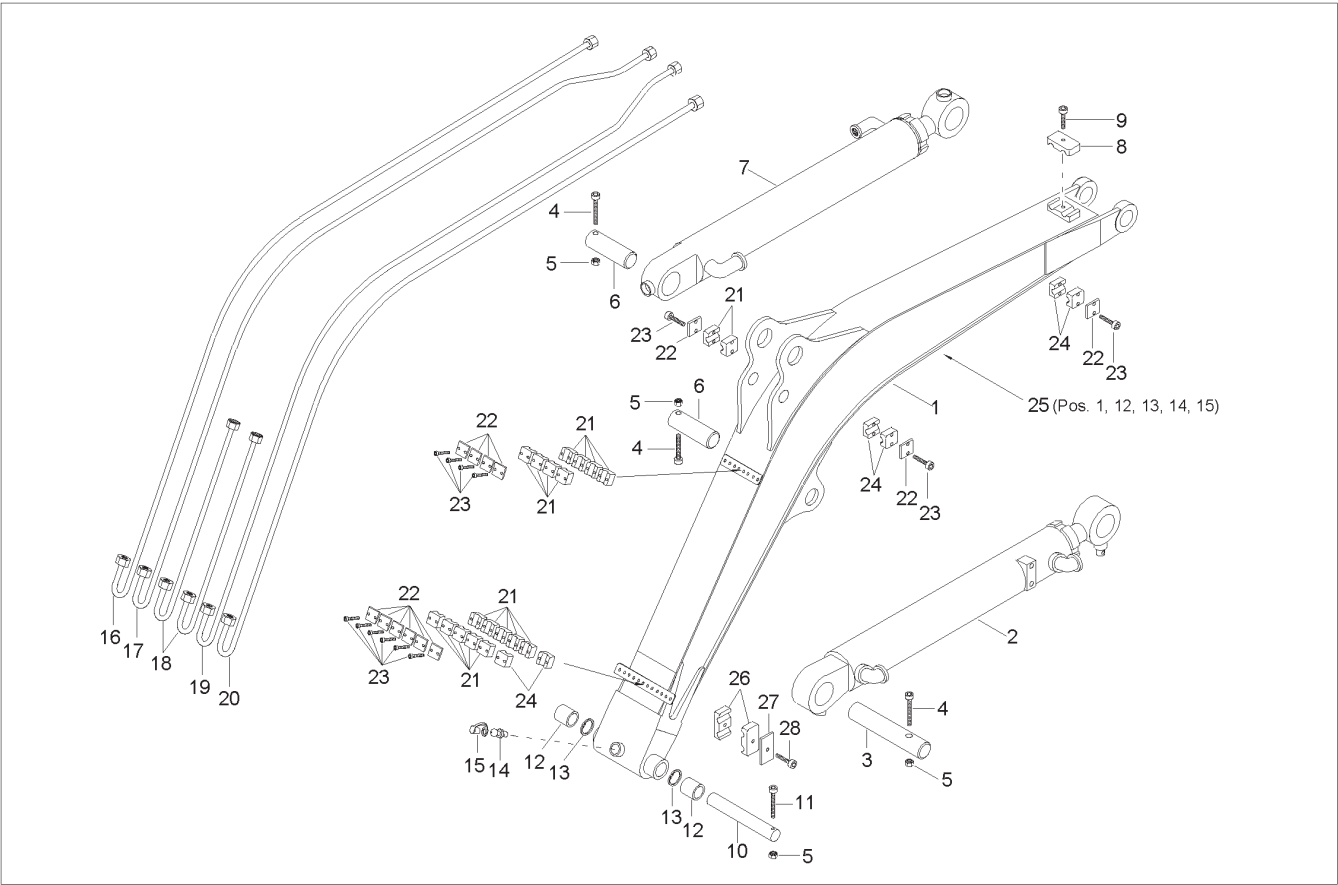


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165101	FENDER	1	20	161642	WASHER/GR A 13	11
02	165099	FENDER	1	21	165098	BRACKET	2
03	165100	FENDER	1	21	165106	BRACKET	1
04	165078	BRACKET	1	22	161670	RING/SNAP S12	5
05	161062	BRACKET	1	23	164698	BELLOWS	1
06	651507	SHCS HS M6-1 X 20 8.8	5	24	651407	CS M12-1.7 X 40 C 8.8	7
07	161661	WASHER/GR A 8.4	2	25	165222	REFLECTOR	2
08	161660	WASHER/GR A 6.4	3	26	161627	RIVET/BLIND A4 X 12	2
09	163649	SCREW	2	27	164667	ANGLE	1
10	161676	RING/SNAP S8	2	28	161675	RING/SNAP S6	2
11	161667	WASHER/GR A 8.4	2	29	165105	PLUG	2
12	165059	CABLE	1	33	162041	SCREW	4
13	165565	SCREW	1	34	165096	FENDER LEFT	1
14	163650	NUT	2	35	165095	FENDER RIGHT	1
15	161929	NIPPLE	1	37	656050	HN M12-1.7	4
16	165097	BRACKET	2	38	656017	CS M12-1.7 X 35 C 8.8	2
17	656016	CS M12-1.7 X 30 C 8.8	4	39	165107	COVER	2
18	161664	WASHER/GR A 13	8	41	165115	PLUG	4
19	651487	SHCS HS M12-1.7 X 50 10.9	8				

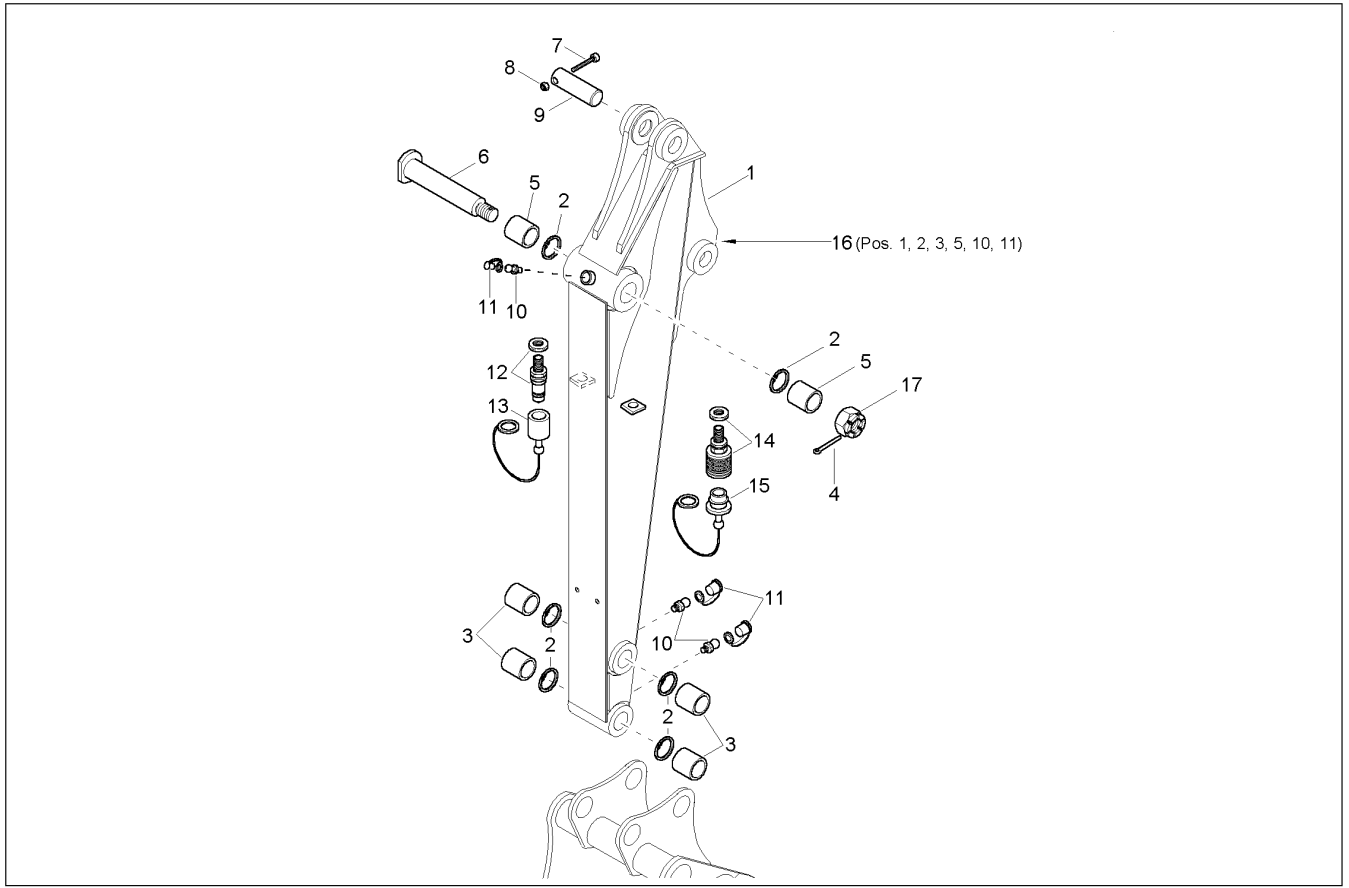


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165989	VALVE COVER	1	18	165077	BRACKET	1
02	165554	ISOLATION MAT	1	22	161615	NUT/CAGE M8	7
03	165080	HINGE	2	23	161062	BRACKET	1
04	651394	CS M10-1.5 X 25 C 10.9	4	24	651507	SHCS HS M6-1 X 20 8.8	3
05	161641	WASHER/GRA 10.5	4	25	161675	RING/SNAP S6	3
06	161610	NUT/CAGE M10	4	27	165061	CABLE	1
07	161064	HANDLE	1	28	165565	SCREW	1
08	651459	SCREW FCHC HS M14-2.0 X 16 8.8 ...	2	29	163650	NUT	2
09	656116	HN M4-.7	2	30	161929	NIPPLE	1
10	161061	BRACKET	1	31	165071	PARTION WALL	1
11	656001	CS M8-1.2 X 20 C 8.8	13	32	165821	RUBBER PROFILE	1.3
12	161676	RING/SNAP S8	13	35	161662	WASHER/GR A 8.4	9
13	161667	WASHER/GR A 8.4	4	37	165555	ISOLATION MAT	1
14	651427	HB M6-1.0 X 35 C 8.8	1	38	161661	WASHER/GR A 8.4	2
15	161660	WASHER/GR A 6.4	6	39	164698	BELLOWS	1
16	165109	WHEEL	1	40	164667	ANGLE	1
17	656047	HN M6-1.0	1				

303 - LIFTING ARM

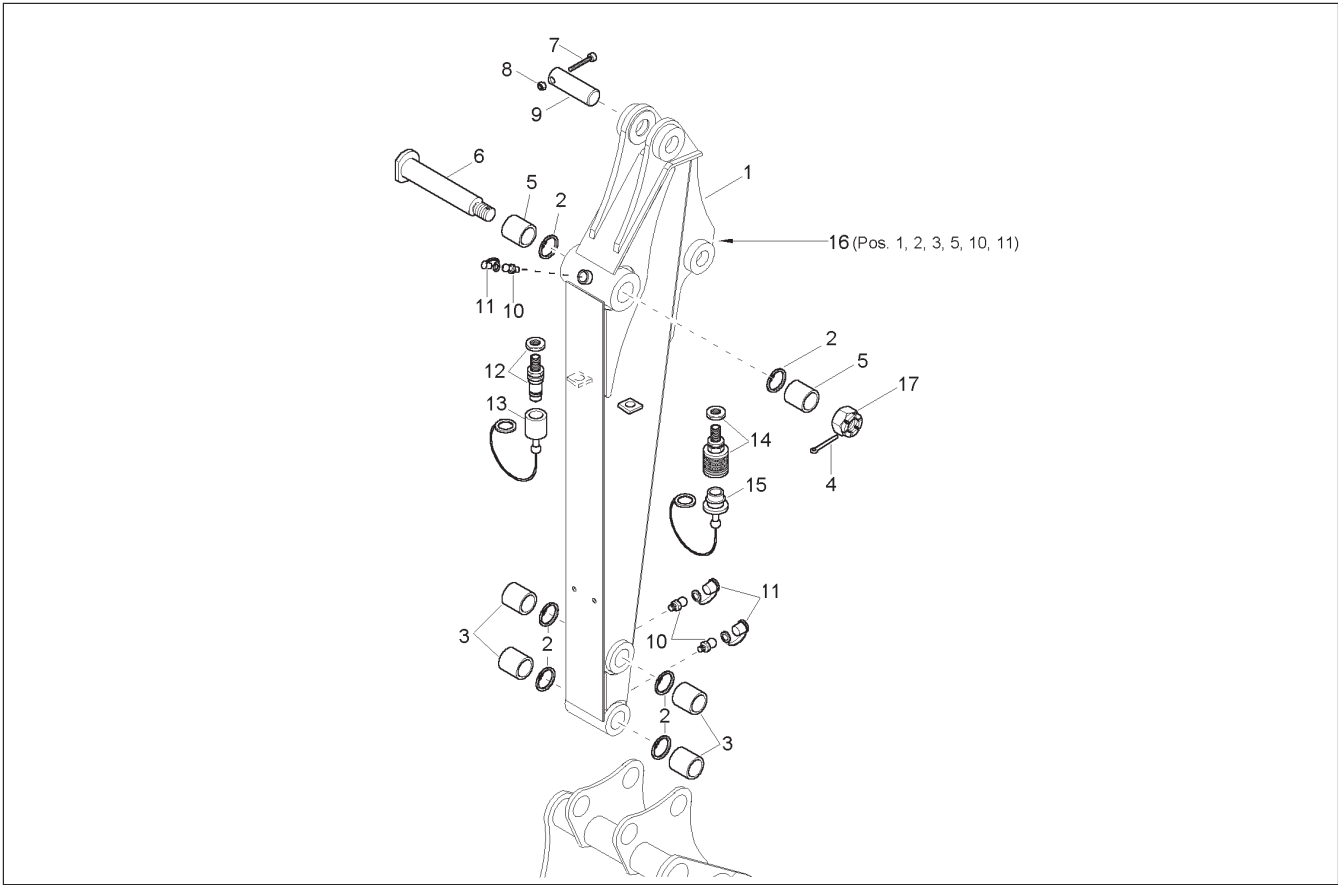


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165614	BOOM	1	15	161422	PROTECTION CAP	1
02	165629	BOOM CYLINDER	1	16	165651	TUBE AD15 LEFT	1
03	165694	PIN DM=40x182	1	17	165653	TUBE AD15 UPPER LEFT	1
04	651439	HB M8-1.2 X 80 C 8.8	3	18	165649	TUBE AD15	2
05	651458	HLN INS M8-1.2	4	19	165652	TUBE AD15 UPPER RIGHT	1
06	160805	PIN	2	20	165650	TUBE AD18 RIGHT	1
07	165628	DIPPER ARM CYLINDER	1	21	161557	COLLAR	22
08	165619	COLLAR	2	22	162066	COVER	14
09	651396	CS M10-1.5 X 30 C 8.8	1	23	651426	CS M6-1.0 X 35 C 8.8	28
10	165695	PIN DM=50x316	1	24	161554	COLLAR	6
11	651440	HB M8-1.2 X 90 C 8.8	1	25	165624	PRE-ASSEMBLED BOOM	1
12	161535	BUSHING	2	26	162503	COLLAR	2
13	162599	WASHER	2	27	162502	COVER	1
14	161411	LUBRICATION NIPPLE	1	28	651434	HB M8-1.2 X 45 C 8.8	1

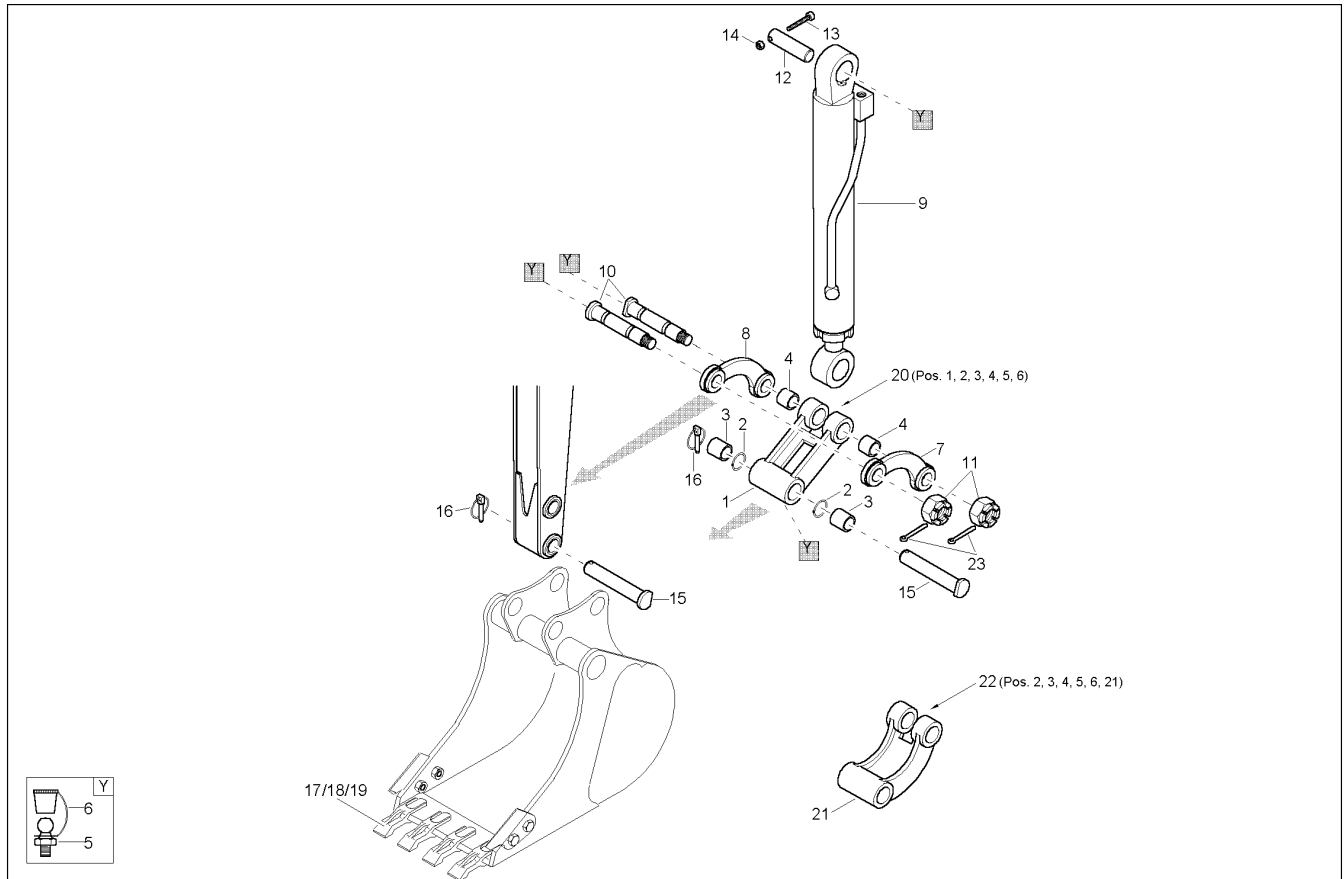


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165615	DIPPER ARM	1	10	161411	LUBRICATION NIPPLE	3
02	161686	RING/SNAP B50	6	11	161422	PROTECTION CAP	3
03	161536	BUSHING	4	12	160725	QUICK COUPLER	1
04	161682	PIN/SPLIT 6.3 X 63	1	13	160459	DUST CAP	1
05	161536	BUSHING	2	14	160724	QUICK COUPLER	1
06	165692	PIN DM=40x265	1	15	160458	DUST PLUG	1
07	651439	HB M8-1.2 X 80 C 8.8	1	16	165625	PRE-ASSEMBLED DIPPER ARM	1
08	651458	HLN INS M8-1.2 8	1	17	651443	HN SLTD M36-4	1
09	160805	PIN	1				

303 - LONG DIPPER ARM

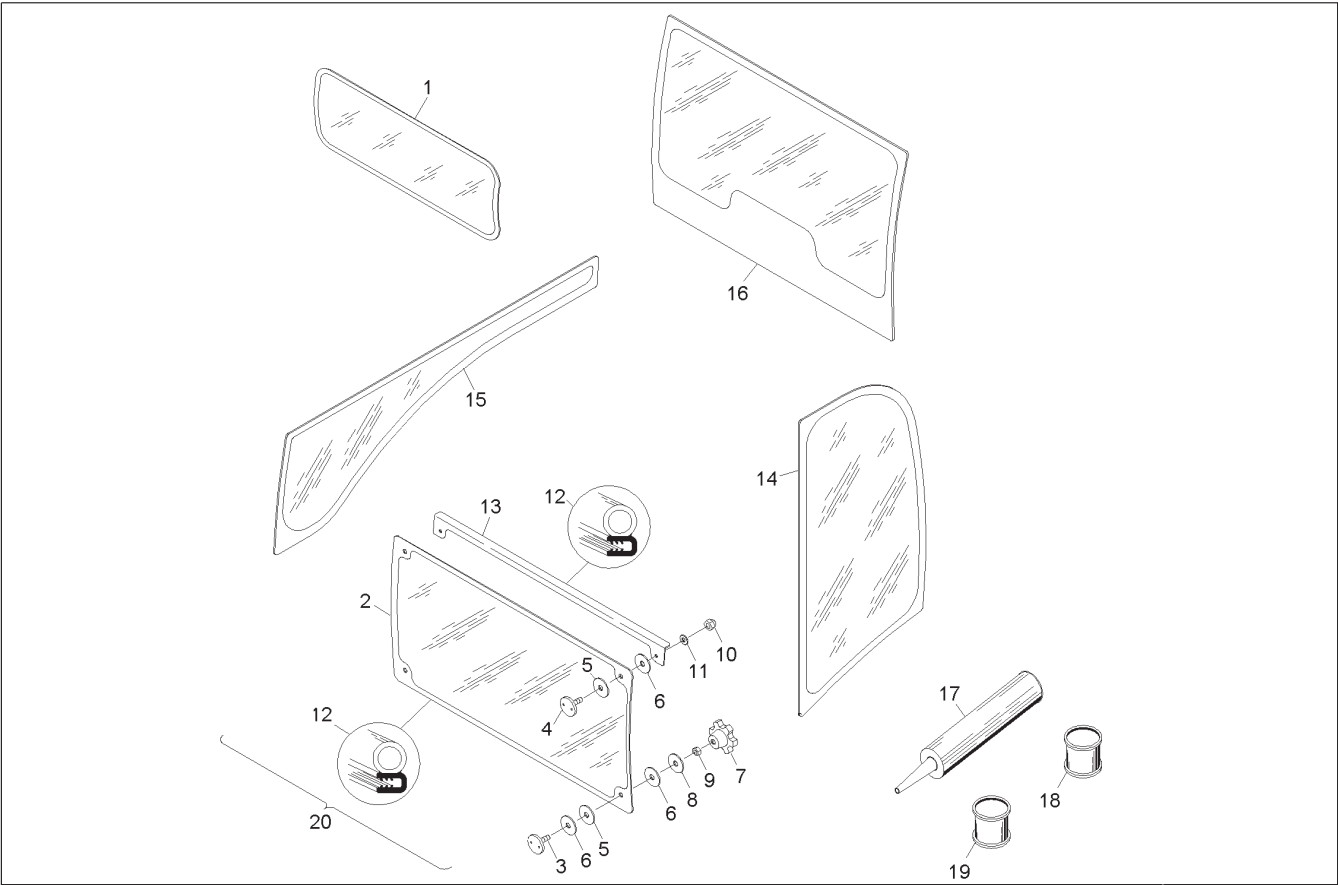


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165620	DIPPER ARM LONG	1	10	161411	LUBRICATION NIPPLE	3
02	161686	RING/SNAP B50	6	11	161422	PROTECTION CAP	3
03	161536	BUSHING	4	12	160725	QUICK COUPLER	1
04	161682	PIN/SPLIT 6.3 X 63	1	13	160459	DUST CAP	1
05	161536	BUSHING	2	14	160724	QUICK COUPLER	1
06	165692	PIN DM=40x265	1	15	160458	DUST PLUG	1
07	651439	HB M8-1.2 X 80 C 8.8	1	16	165626	PRE-ASSEMBLED DIPPER ARM LONG	1
08	651458	HLN INS M8-1.2 8	1	17	651443	HN SLTD M36-4	1
09	160805	PIN	1				

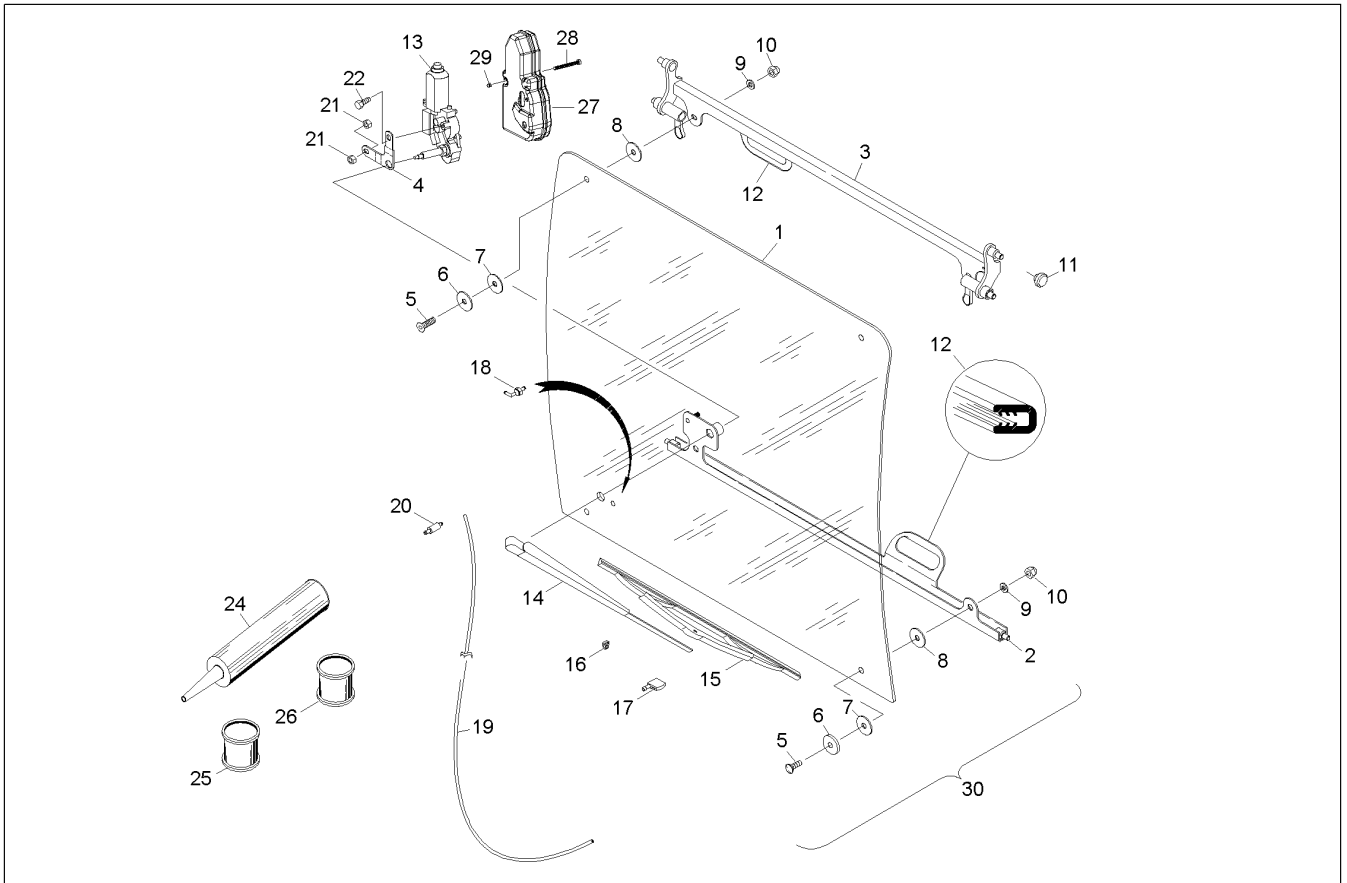


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165618	CONNECTING LINK	1	13	651439	HB M8-1.2 X 80 C 8.8	1
02	161686	RING/SNAP B50	2	14	651458	HLN INS M8-1.2 8	1
03	161536	BUSHING	2	15	160803	PIN	2
04	161533	BUSHING	2	16	162489	COTTERPIN	2
05	161411	LUBRICATION NIPPLE	4	17	161927	BUCKET TOOTH	3
06	161422	PROTECTION CAP	4	18	162024	SCREW	6
07	165617	CONNECTING LINK LEFT	1	19	656050	HN M12-1.7	6
08	165616	CONNECTING LINK RIGHT	1	20	165622	PRE-ASSEMBLED CONNECTING LINK	1
09	165627	BUCKET CYLINDER	1	21	159409	LINK/BUCKET	1
10	160802	PIN	2	22	165623	PRE-ASSEMBLED CONNECTING LINK	1
11	651443	HN SLTD M36-4	2	23	161682	PIN/SPLIT 6.3 X 63	2
12	165693	PIN DM=40x126	1				

303 - CABIN WINDOWS

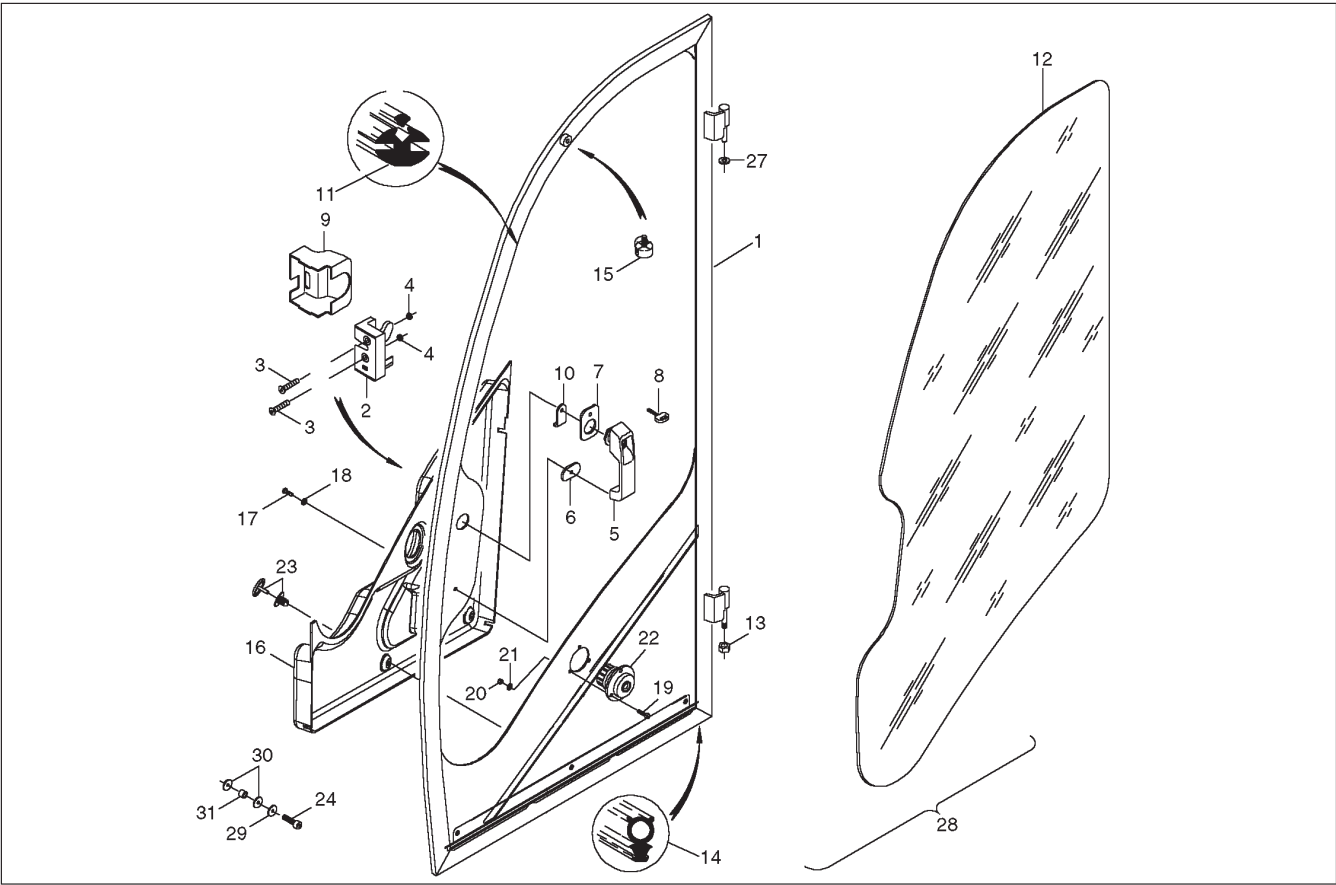


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	160496	FRONT WINDOW	1	11	161668	WASHER/GR A 8.4	2
02	165170	LOWER WINDSHIELD	1	12	164675	PROFILE	2.7
03	164671	PVC-WASHER	2	13	165163	SHIELD	1
04	161091	PVC WASHER	2	14	165164	SIDE PANE	1
05	160640	RUBBER WASHER	4	15	165171	SIDE PANE	1
06	160639	RUBBER WASHER	12	16	165172	REAR WINDOW	1
07	164672	NUT	2	17	165035	GLUE DINITROL	1
08	162812	WASHER	2	18	164744	AKTIVATOR	1
09	163650	NUT	2	19	164745	REMOVER 208	1
10	161618	NUT/HEX DOMED CAP M8	2	20	165173	LOWER WINDSHIELD	1

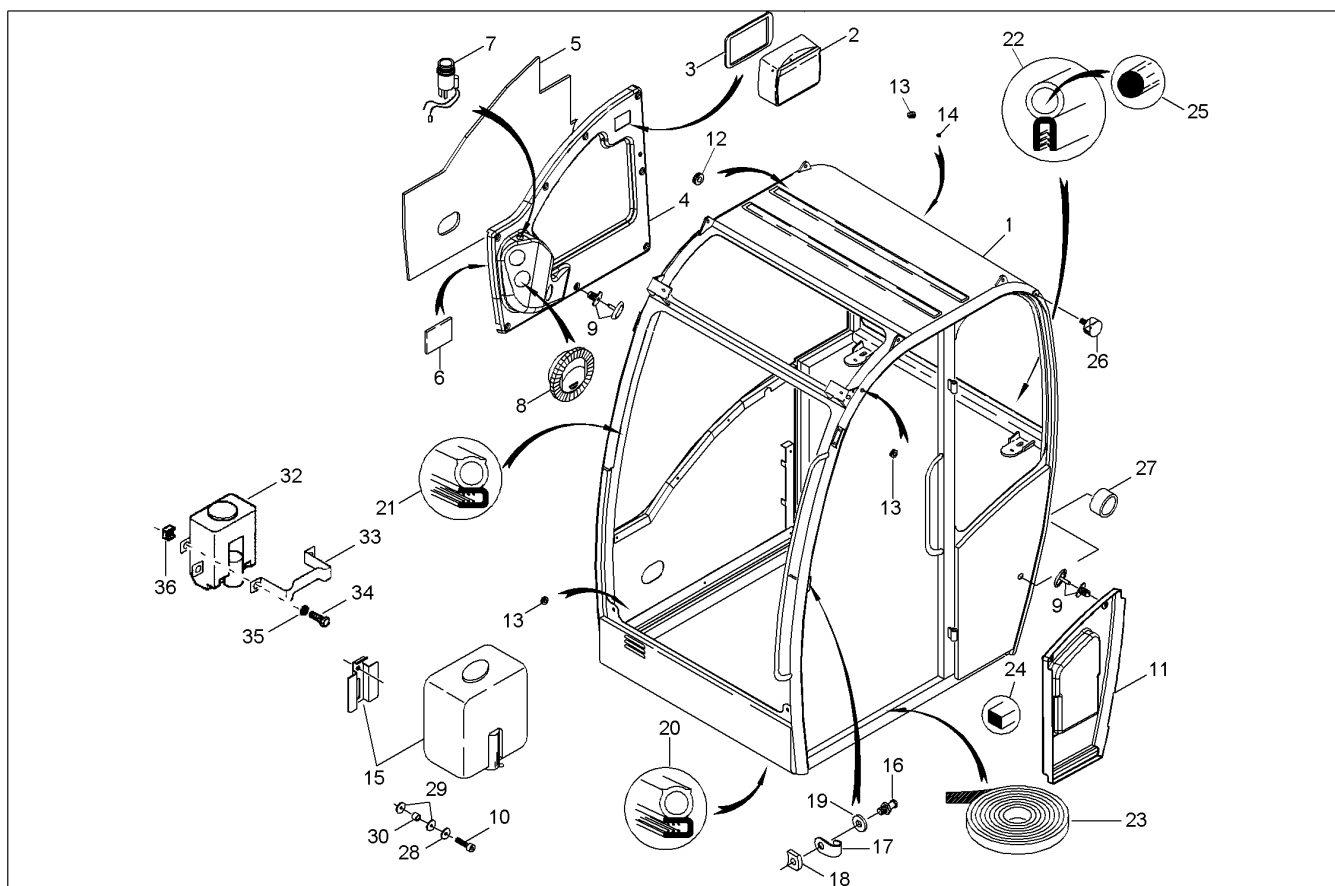


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165165	FRONT WINDOW	1	16	161086	CLIPS	2
02	165166	LOWER WINDSHIELD FRAME	1	17	161087	NOZZLE	1
03	165167	UPPER WINDSHIELD FRAME	1	18	165032	BRACKET	1
04	165168	BAR LOCK	1	19	165826	WATER HOSE	3
05	651466	SCREW FCHC HS M8-1.2 X 20 8.8	4	20	164673	NON RETURN VALVE	1
06	165046	WASHER	4	21	163650	NUT	2
07	160640	RUBBER WASHER	4	22	651430	CS M8-1.2 X 12 C 8.8	1
08	160639	RUBBER WASHER	4	24	165035	GLUE - DINITROL	1
09	161668	WASHER/GR A 8.4	4	25	164744	AKTIVATOR	1
10	161618	NUT/HEX DOMED CAP M8	4	26	164745	REMOVER 208	1
11	160494	PVC-WASHERS	4	27	165159	COVER	1
12	164691	EDGE PROTECTION	1	28	165048	SCREW	2
13	165206	MOTOR FOR WINDSHIELD WASHER ..	1	29	165948	NUT	2
14	161939	BRUSH HOLDER	1	30	165169	FRONT WINDOW	1
15	161940	WIPER BLADE	1				

303 - CABIN DOOR

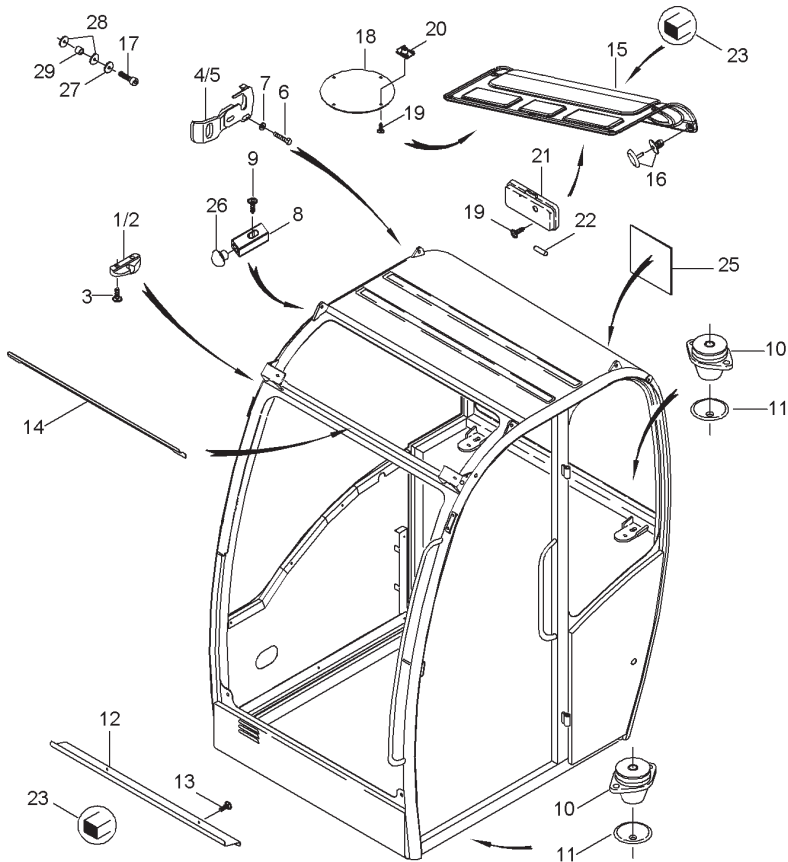


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165180	DOOR FRAME	1	16	165156	COVER	1
02	160525	LOCK	1	17	651424	CS M6-1.0 X 20 C 8.8	1
03	162864	SCREW	2	18	162813	WASHER	1
04	651458	HLN INS M8-1.2	2	19	164904	CHEESE HEAD SCREW	3
05	161096	HANDLE	1	20	651456	HLN INS M5-.8 8	3
06	164700	SHIM.....	1	21	162925	WASHER	3
07	164701	SHIM.....	1	22	164674	DOOR LOCK	1
08	160713	KEY	2	23	164689	RIVET 11MM	10
09	165221	COVER	1	24	165216	CHEESE HEAD M5x25	10
10	165174	CALIPERS	1	27	164688	WASHER	2
11	165923	RUBBER PROFILE	3.3	28	165179	CABIN DOOR	1
12	165175	DOOR WINDOW	1	29	165178	SQUARE NUT	10
13	651448	HLN INS M10-1.5	1	30	165217	RUBBER WASHER 5x20x2	20
14	165176	SEAL	3.9	31	165218	WASHER L=8MM DM=12MM	10
15	165215	RUBBER-BUFFER	1				

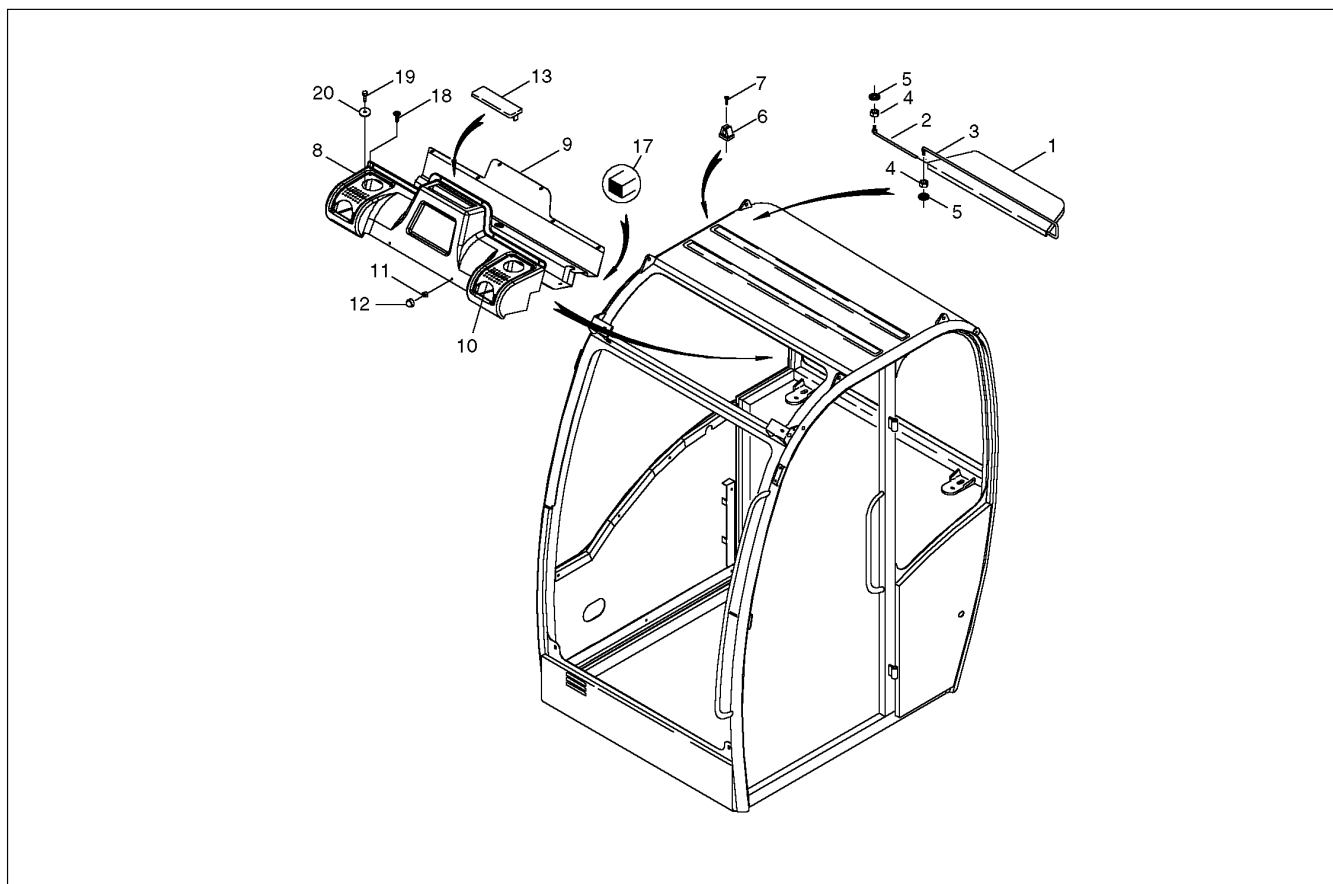


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165181	CABIN FRAME	1	19	161923	WASHER	1
02	164676	ASHTRAY	1	20	165922	RUBBER PROFILE	3
03	165182	FRAME	1	21	165922	RUBBER PROFILE	2.4
04	165155	COVER	1	22	165033	RUBBER PROFILE	2.7
05	165161	ISOLATION	1	23	165034	NON-SKIDDING	0.6
06	165184	ISOLATION	1	24	164188	PLATE 10X15	0.3
07	164696	IGNITER	1	25	165211	TOROIDAL SEALING RING 10MM ...	0.12
08	164670	AIR NOZZLE	3	26	165215	RUBBER-BUFFER	1
09	164689	RIVET 11MM	10	27	164674	DOOR LOCK	1
10	165216	CHEESE HEAD M5x25	10	28	165178	SQUARE NUT	10
11	165154	COVER	1	29	165217	RUBBER WASHER 5x20x2	20
12	165042	LOCK	1	30	165218	WASHER L=8MM DM=12MM	10
13	162797	PLUG	7	32	164690	WINDSHIELD WASHING	1
14	164677	PLUG	2	33	164668	CLAMP	1
15	160716	WINDSHIELD WASHER	1	34	651505	SHCS HS M5-0.8 X 20 8.8	2
16	161921	PIN	1	35	161659	WASHER/GR A 5.3	2
17	164771	BRACKET	1	36	165947	NUT	2
18	164678	PLATE	1				

303 - CABIN FRAME

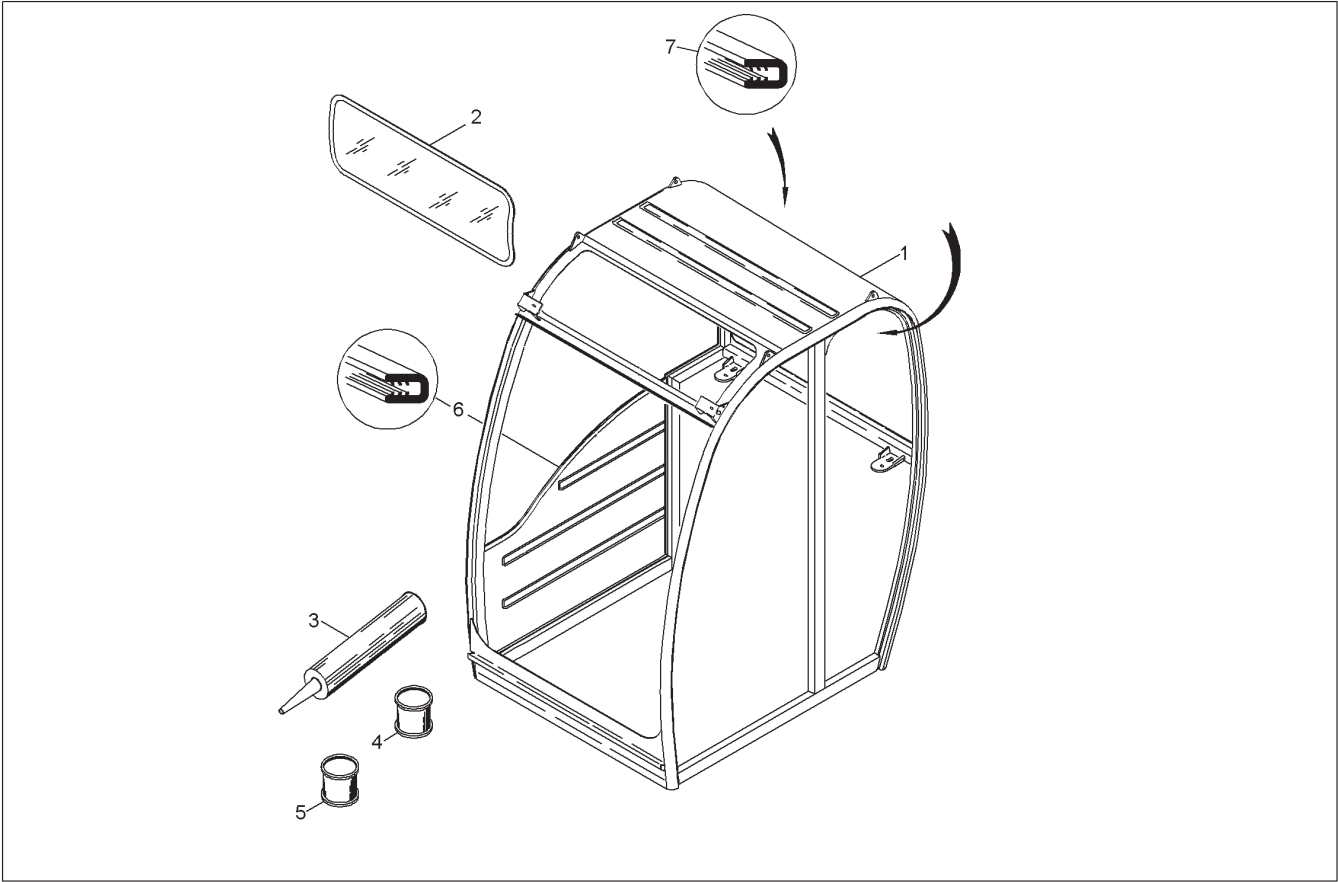


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	160526	LOCK	2	15	165157	COVER	1
02	160527	LOCK	2	16	164689	RIVET 11MM	9
03	162029	SCREW	4	17	165216	CHEESE HEAD M5x25	9
04	164679	BRACKET	1	18	165187	COVER	2
05	164680	BRACKET	1	19	164894	SCREW	10
06	651425	CS M6-1.0 X 30 C 8.8	4	20	164683	NUT	8
07	162924	WASHER	4	21	160488	ILLUMINATION	1
08	164681	RESILIENT PAD	2	22	164182	LAMP	1
09	164907	SCREW	2	23	164188	PLATE 10X15	3.7
10	164682	CUSHION	4	25	165212	INSULATING PLY	2
11	164184	SUPPORT	4	26	164686	RUBBER PLUG	2
12	165186	COVER	1	27	165178	SQUARE NUT	9
13	161629	SCREW/PAN HEAD TAP	2	28	165217	RUBBER WASHER 5x20x2	18
14	162806	GUTTER	1	29	165218	WASHER L=8MM DM=12MM	9



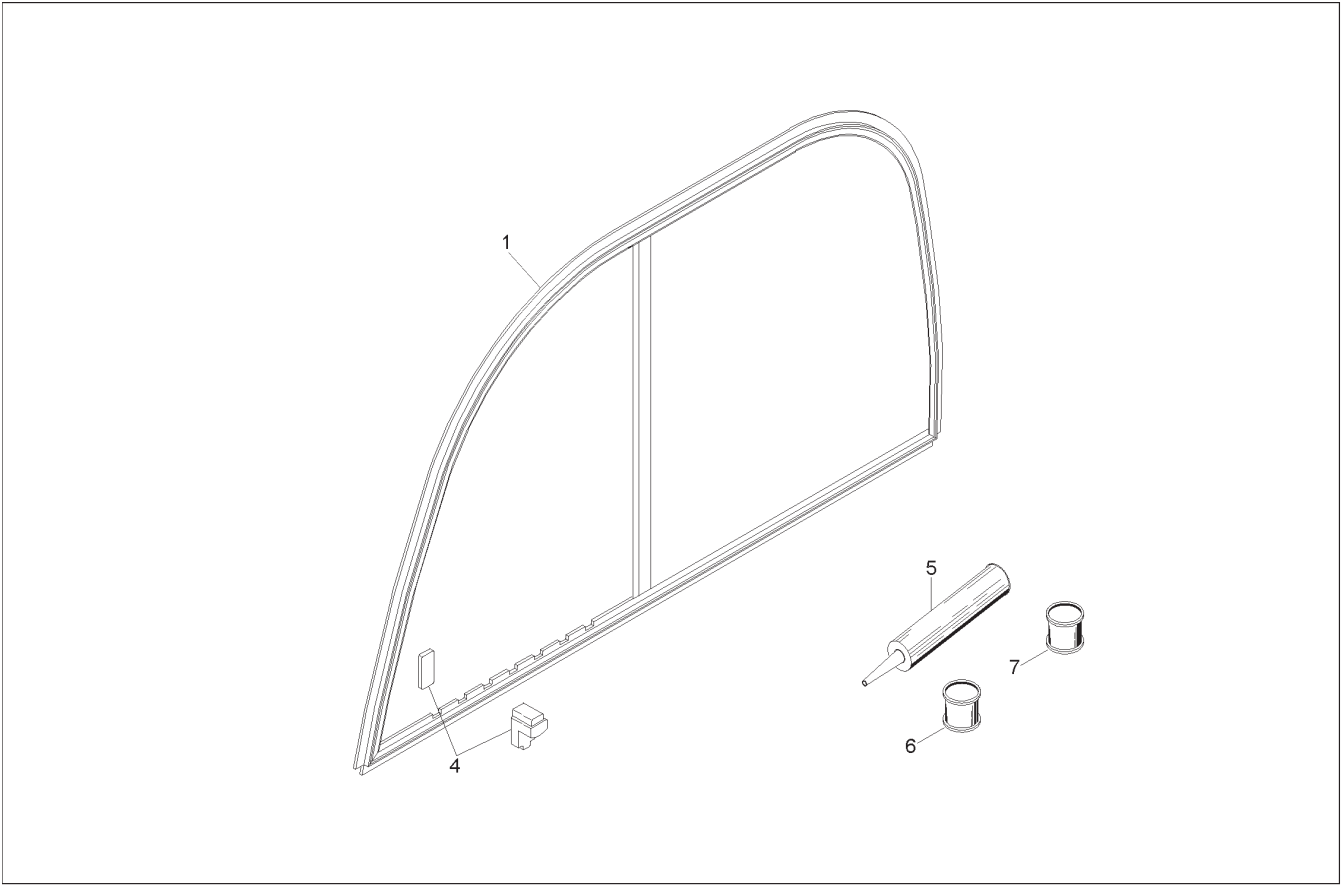
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	164770	SUN VISOR	1	10	165193	COVER	2
02	165188	ROD	1	11	651456	HLN INS M5-.8 8	8
03	165189	ROD	1	12	165214	CAP D=5MM	8
04	651458	HLN INS M8-1.2 8	2	13	165195	COVER	1
05	165190	SERRATED LOCK WASHER	2	17	164188	PLATE 10X15	0.9
06	165191	COLLAR	1	18	164894	SCREW	8
07	165936	SCREW	1	19	651422	CS M5-0.8 X 20 C 8.8	2
08	165158	STORAGE BOX	1	20	165213	SQUARE NUT 5x20	2
09	165192	COVER	1				

303 - OPEN CANOPY

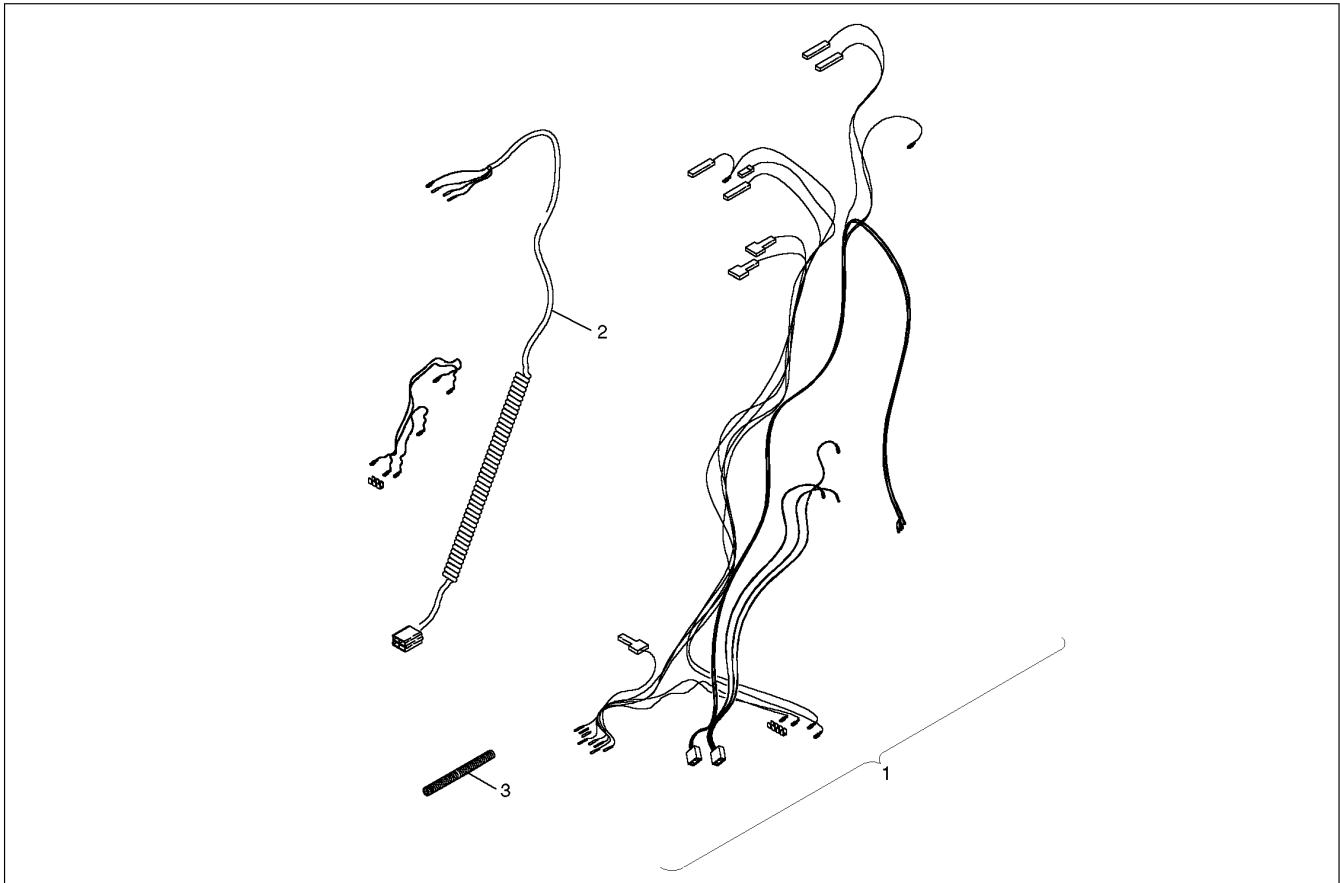


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165220	CANOPY CABIN FRAME	1	05	164745	REMOVER 208	1
02	160496	FRONT WINDOW	1	06	165047	EDGE PROTECTION	1
03	165035	GLUE - DINITROL	1	07	165219	EDGE PROTECTION	1
04	164744	AKTIVATOR	1				

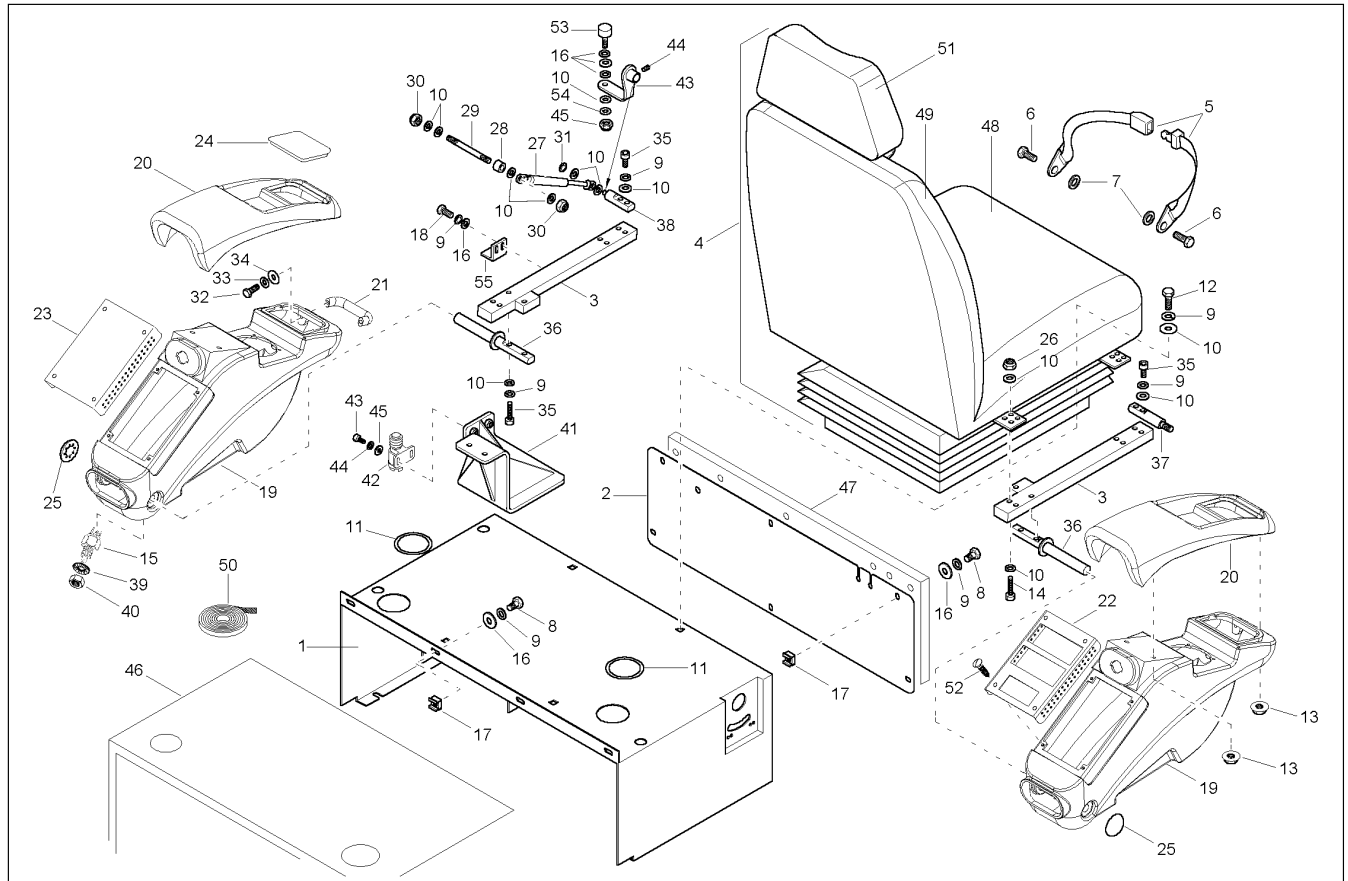
303 - SASH WINDOW



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165196	SLIDING WINDOW COMPLETE	1	06	164744	AKTIVATOR	1
04	164684	LOCK	1	07	164745	REMOVER 208	1
05	165035	GLUE - DINITROL	1				

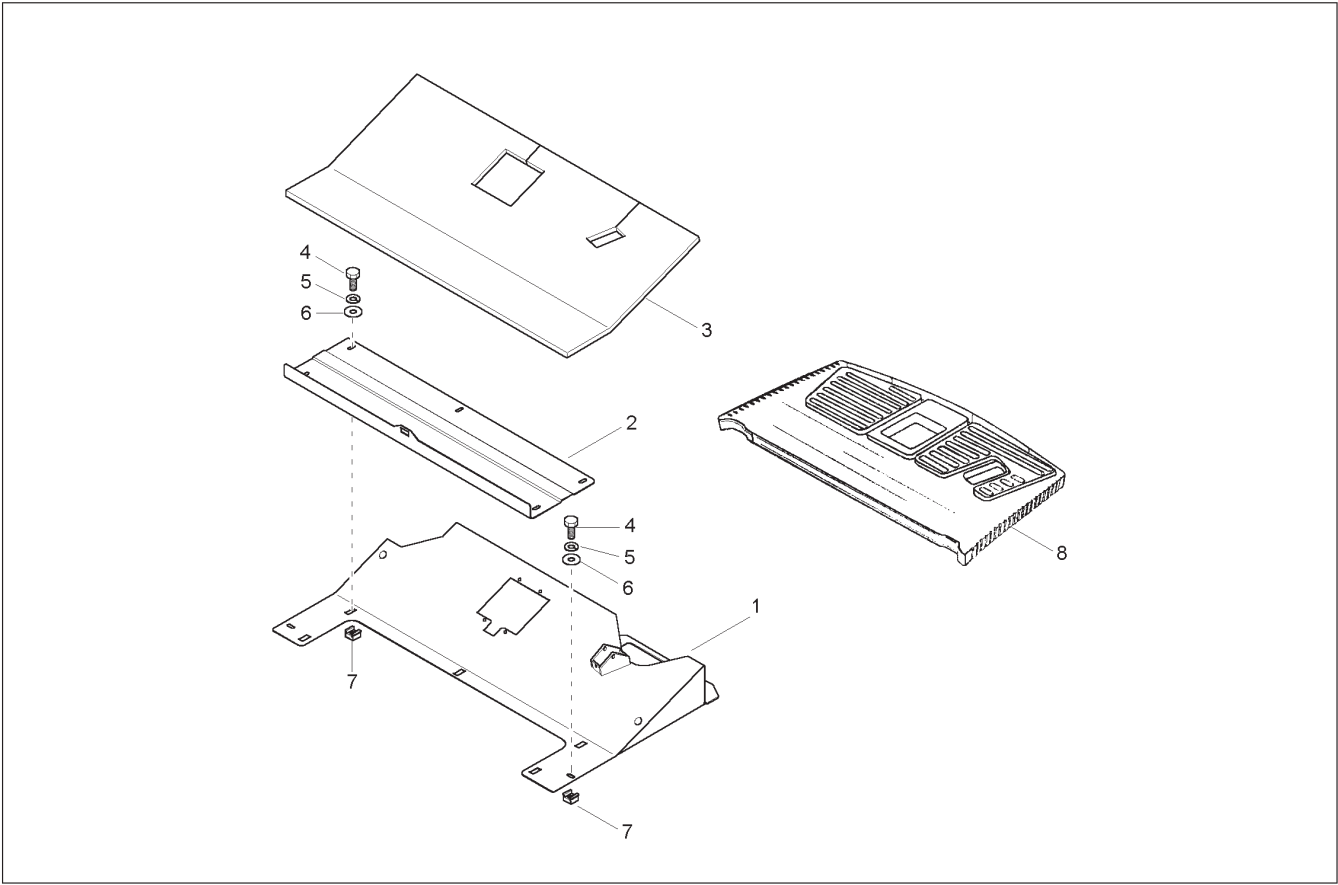


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165243	MAIN HARNESS WIRING	1	03	164687	SLOTTED INSULATING TUBE	2
02	165244	WIRE	1				

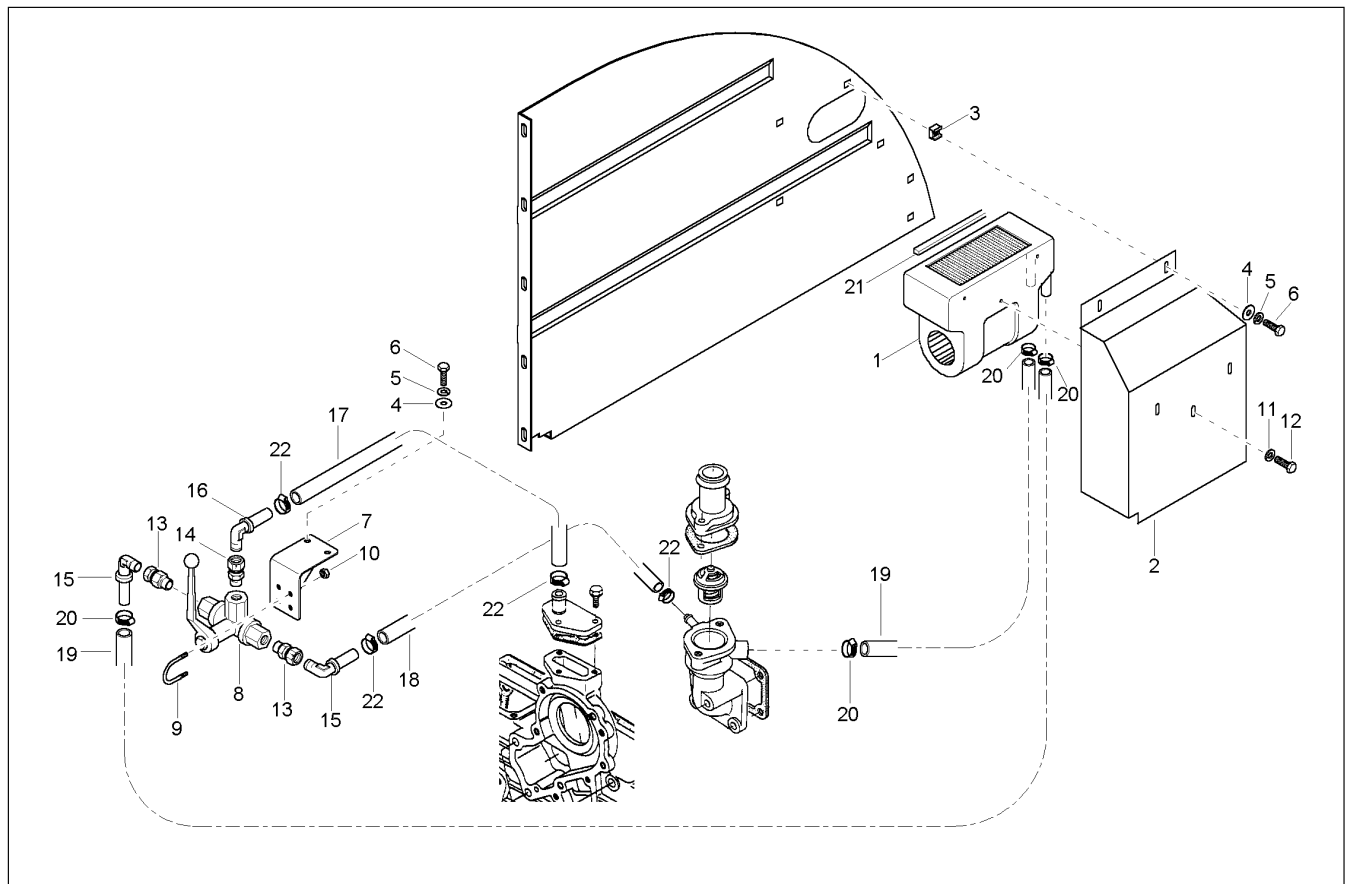


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165593	SEAT CONSOLE	1	28	161805	TUBE	1
02	165595	COVER	1	29	164976	PIN	1
03	164707	FIXING PLATE	2	30	161618	NUT/HEX DOMED CAP M8	2
04	162218	DRIVER SEAT	1	31	161848	QUICK FIX	1
05	161728	SEAT BELT	1	32	651424	CS M6-1.0 X 20 C 8.8	2
06	162026	SCREW	2	33	161675	RING/SNAP S6	2
07	161642	WASHER/GR A 13	2	34	161666	WASHER/GR A 6.4	2
08	656001	CS M8-1.2 X 20 C 8.8	10	35	651517	SHCS HS M8-1.2 X 30 8.8	8
09	161676	RING/SNAP S8	20	36	165610	PIN	2
10	161661	WASHER/GR A 8.4	35	37	164978	PIN	1
11	165587	PVC-EDGE PROTECTION	0.3	38	164979	PIN	1
12	163649	SCREW	4	39	164982	WASHER	1
13	165952	NUT	8	40	164981	NUT	1
14	165932	SCREW	8	41	165611	BRACKET	1
15	164980	MICROSWITCH	1	42	165911	MICRO SWITCH	1
16	161667	WASHER/GR A 8.4	15	43	164669	PROFILE	1
17	161615	NUT/CAGE M8	10	44	651446	SHSS M8 X 12 45H CP	1
18	656093	CS M8-1.2 X 16 C 8.8	2	45	163650	NUT	1
19	164969	CONTROL LEVER CONSOLE	2	46	165697	THERMAL BLANKET 2	1
20	164970	ARMREST	2	47	165696	THERMAL BLANKET 3	1
21	164971	HANDLE	1	48	165589	SEAT UPHOLSTERY (STUFF)	1
22	164972	CONSOLE RIGHT	1	49	165588	BACK OF A SEAT (STUFF)	1
23	165152	CONSOLE FOR DASHBOARD LEFT	1	50	165574	FIXING STRIP	4
24	164974	COVER	1	51	165824	HEAD REST	1
25	161730	PLUG	2	52	161634	SCREW/C'SUNK HD M5 X 16	8
26	651458	HLN INS M8-1.2 8	8	53	164699	RUBBER-METAL-BUFFER	1
27	160611	PNEUMATIC SPRING	1	54	656110	LW REG M8	1
				55	165612	BRACKET	1

303 - CABIN FLOOR

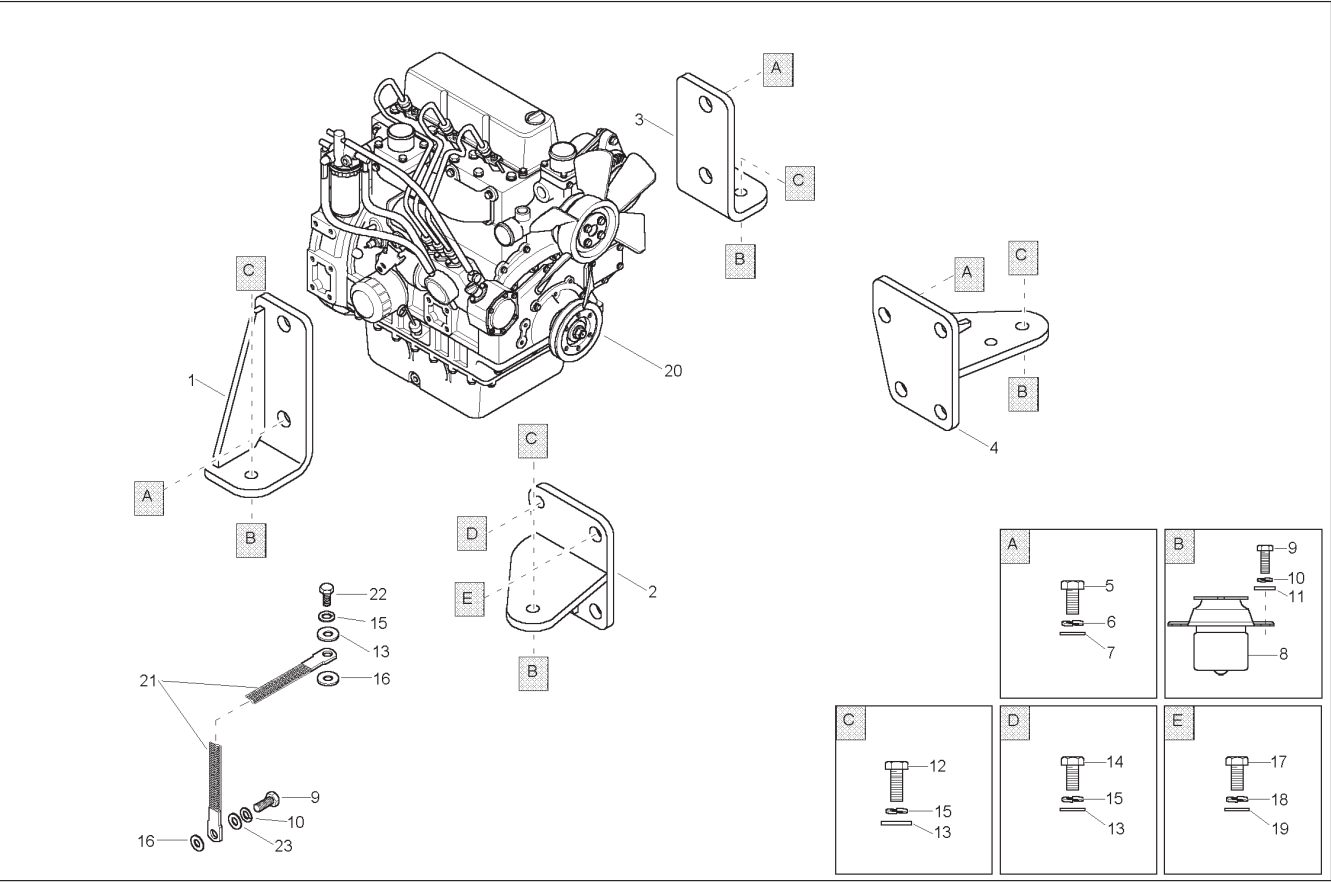


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165075	BRACKET	1	05	161676	RING/SNAP S8	13
02	165076	BRACKET	1	06	161667	WASHER/GR A 8.4	13
03	165547	FOOT MAT	1	07	161616	NUT/CAGE M8	13
04	656001	CS M8-1.2 X 20 C 8.8	13	08	165564	FOOT MAT	1

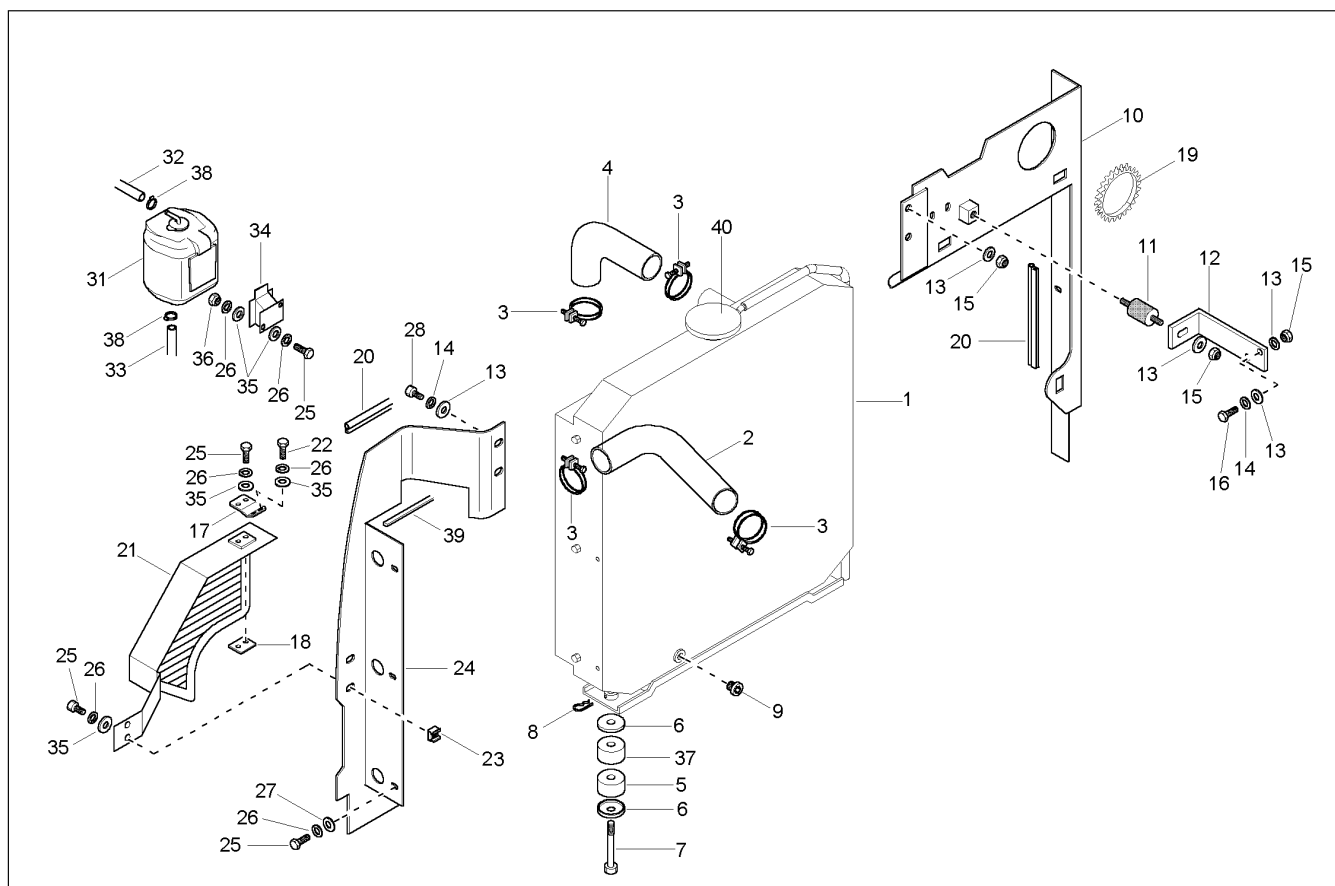


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165162	CAB HEATING	1	12	161630	SCREW/HEX HD TAP B5.5X19	3
02	165082	CAB HEATING CONSOLE	1	13	165502	SCREW JOINT	2
03	161615	NUT/CAGE M8	4	14	165503	SCREW JOINT LG=52MM	1
04	161667	WASHER/GR A 8.4	6	15	165500	CONNECTION PIECE	2
05	161676	RING/SNAP S8	6	16	165501	CONNECTION PIECE	1
06	656093	CS M8-1.2 X 16 C 8.8	6	17	165919	HOSE	0.22
07	165263	BRACKET	1	18	165919	HOSE	0.27
08	165112	BALL VALVE	2	19	165914	HOSE	3
09	165262	CLAMP	2	20	162064	COLLAR	4
10	651457	HLN INS M6-1.0 8	4	21	165920	RUBBER SEAL	0.5
11	161666	WASHER/GR A 6.4	3	22	165982	COLLAR	4

303 - ENGINE MOUNTS

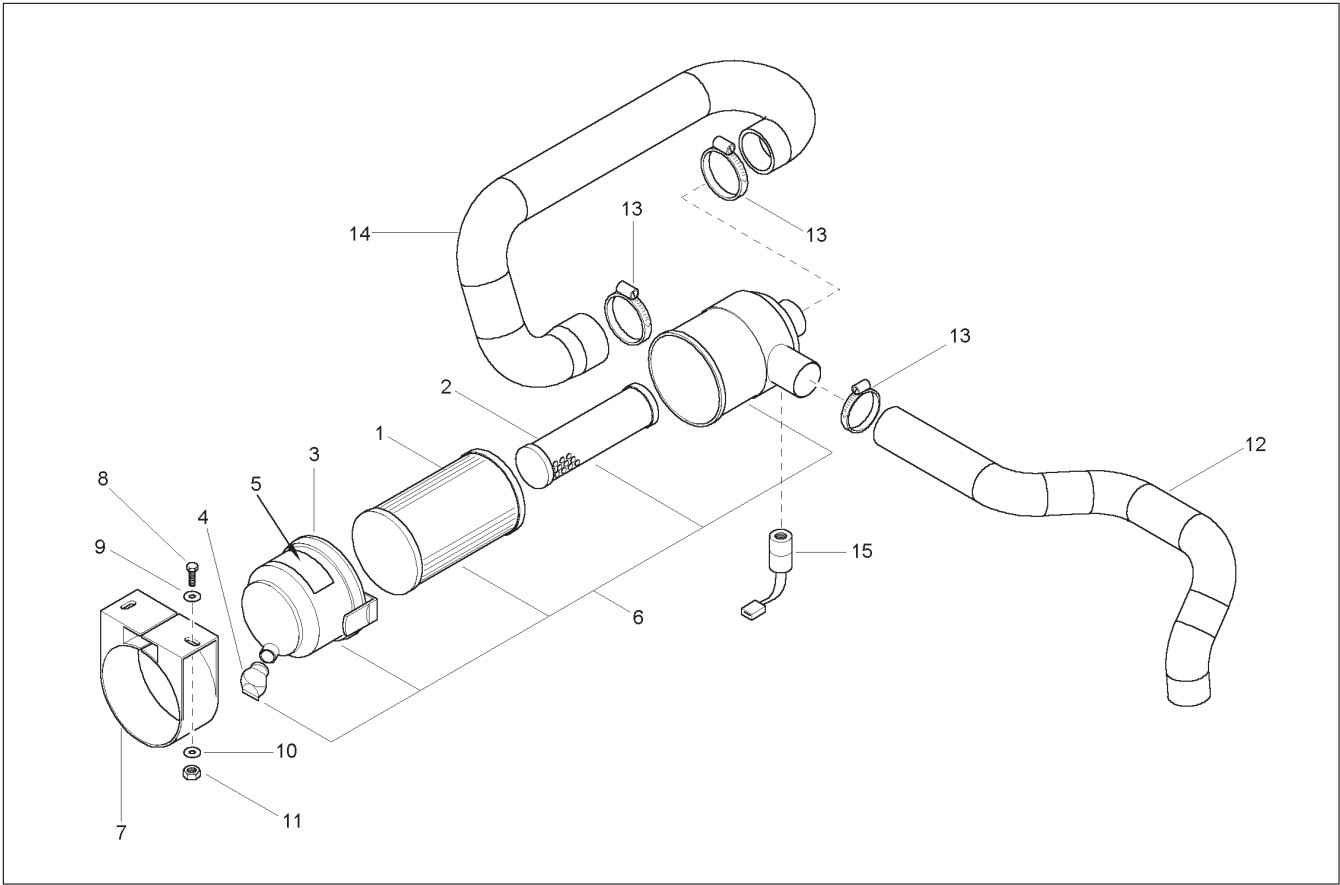


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165251	ENGINE CARRIER	1	13	161640	WASHER/GR A 10.5	5
02	165254	ENGINE CARRIER	1	14	165929	SCREW	1
03	165252	ENGINE CARRIER	1	15	161669	RING/SNAP S10	6
04	165253	ENGINE CARRIER	1	16	163130	WASHER	2
05	165933	SCREW	8	17	165934	SCREW	3
06	161671	RING/SNAP S14	8	18	161670	RING/SNAP S12	3
07	161646	WASHER/GR A 15	8	19	161642	WASHER/GR A 13	3
08	160645	HYDRO SUSPENSION	4	20	165613	DIESEL ENGINE	1
09	656093	CS M8-1.2 X 16 C 8.8	9	21	165224	CORD	1
10	161676	RING/SNAP S8	9	22	651391	CS M10-1.5 X 20 C 8.8	1
11	161661	WASHER/GR A 8.4	8	23	161661	WASHER/GR A 8.4	1
12	651395	CS M10-1.5 X 30 C 10.9	4				

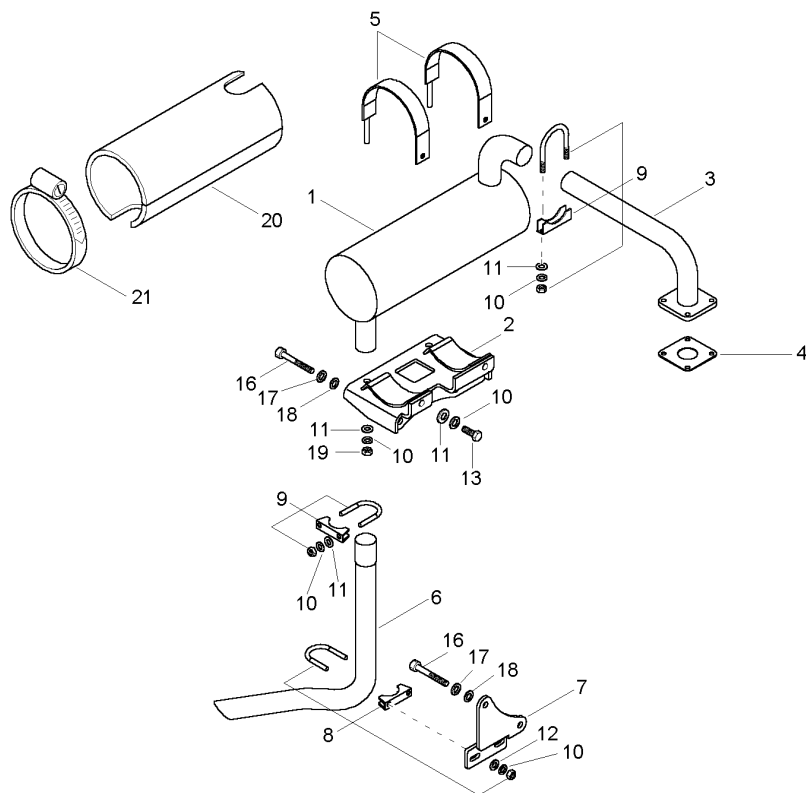


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165307	WATER COOLER	1	20	165819	RUBBER PROFILE	1.8
02	165304	WATER HOSE	1	21	165264	VENTILATOR	1
03	165305	COLLAR	4	22	656092	CS M6-1.0 X 12 C 8.8	2
04	165303	WATER HOSE	1	23	161613	NUT/CAGE M6	2
05	165298	CUSHION	2	24	165085	BRACKET	1
06	165301	WASHER	4	25	656149	CS M6-1.0 X 16 C 8.8	12
07	165300	PIN	2	26	161675	RING/SNAP S6	16
08	165302	COLLAR	2	27	161660	WASHER/GR A 6.4	6
09	161415	SCREW	1	28	656001	CS M8-1.2 X 20 C 8.8	2
10	165594	AIR GUIDING PLATE	1	31	165291	EXPANSION CONTAINER	1
11	165895	RUBBER METAL BUFFER	1	32	165915	HOSE	0.6
12	165086	BRACKET	1	33	165915	HOSE	1
13	161667	WASHER/GR A 8.4	7	34	165306	BRACKET	1
14	161676	RING/SNAP S8	3	35	161666	WASHER/GR A 6.4	8
15	651458	HLN INS M8-1.2 8	4	36	651457	HLN INS M6-1.0 8	2
16	656094	CS M8-1.2 X 30 C 8.8	1	37	165299	CUSHION	2
17	165266	BRACKET	1	38	162504	COLLAR	4
18	165265	PLATE	1	39	165573	ISOLATION MAT	1
19	165587	PVC-EDGE PROTECTION	0.2	40	165349	PLUG	1

303 - AIR CLEANER

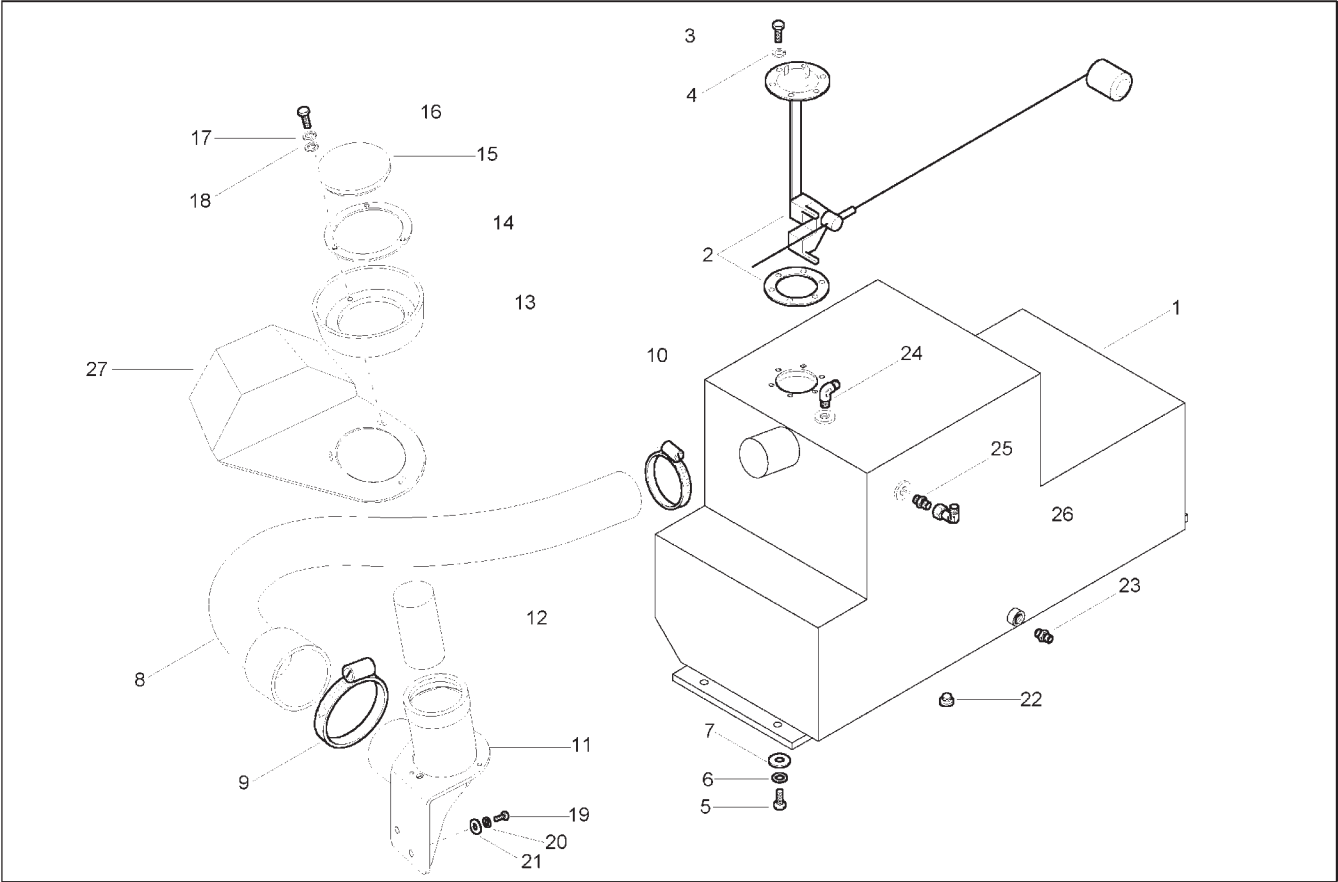


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165293	AIR FILTER	1	09	161661	WASHER/GR A 8.4	2
02	165294	AIR FILTER	1	10	161667	WASHER/GR A 8.4	2
03	165295	COVER	1	11	651458	HLN INS M8-1.2 8	2
04	165296	DUST VALVE	1	12	165258	SUCTION HOSE	1
05	165297	MARKING AIR FILTER	1	13	162611	COLLAR	3
06	165272	AIR FILTER	1	14	165249	SUCTION HOSE	1
07	165273	COLLAR	1	15	165292	DUST INDICATOR	1
08	656094	CS M8-1.2 X 30 C 8.8	2				

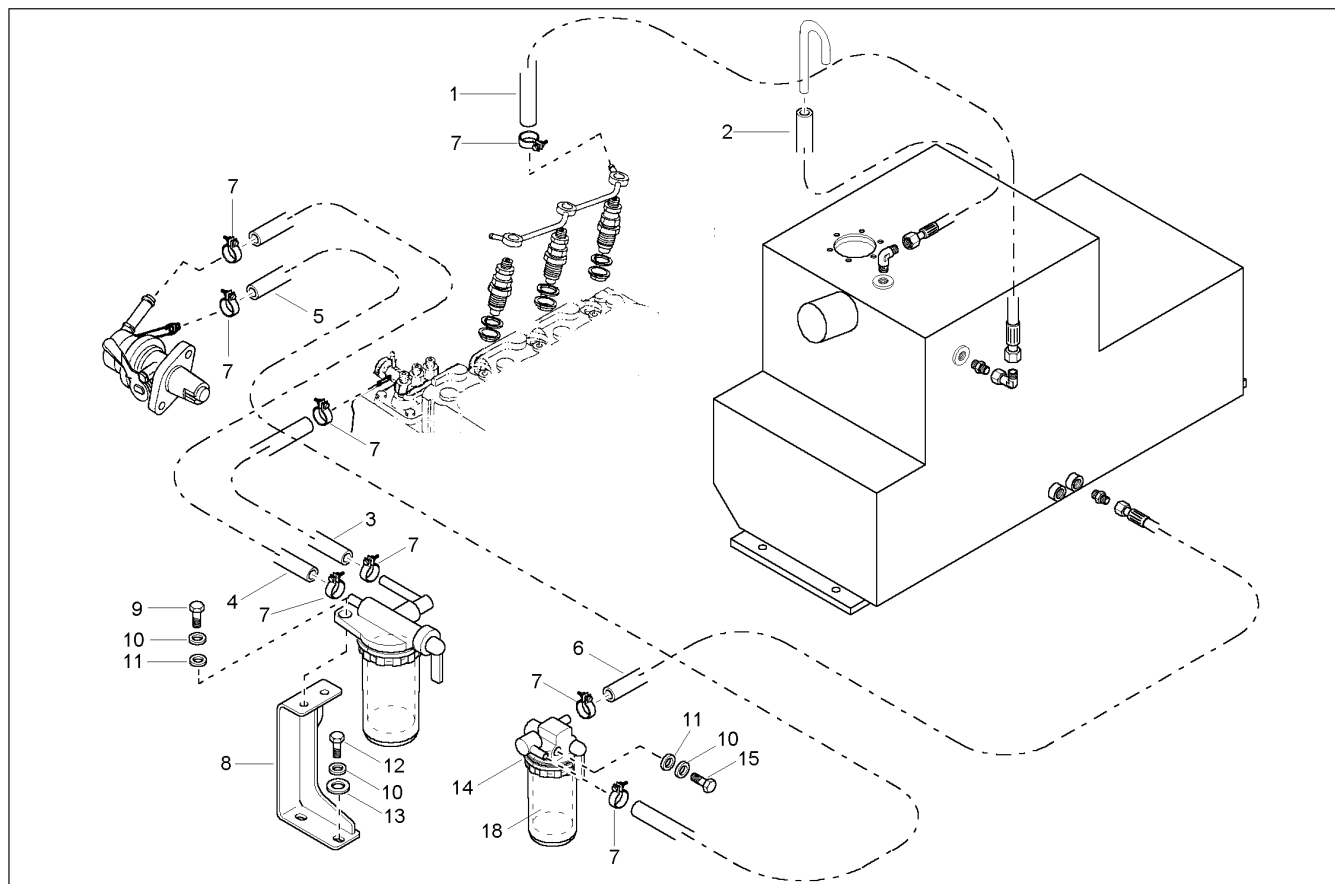


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165246	SILENCER	1	11	161661	WASHER/GR A 8.4	8
02	165256	BRACKET	1	12	161667	WASHER/GR A 8.4	2
03	165247	TUBE	1	13	163649	SCREW	2
04	165410	SEAL	1	16	165937	SCREW	4
05	165257	COLLAR	2	17	161669	RING/SNAP S10	4
06	165248	EXHAUST TUBE	1	18	161640	WASHER/GR A 10.5	4
07	165255	BRACKET	1	19	651458	HLN INS M8-1.2 8	2
08	165822	COLLAR	1	20	165267	ISOLATION MAT	1
09	160848	COLLAR	2	21	165269	HOSE COLLAR	1
10	161676	RING/SNAP S8	10				

303 - FUEL TANK

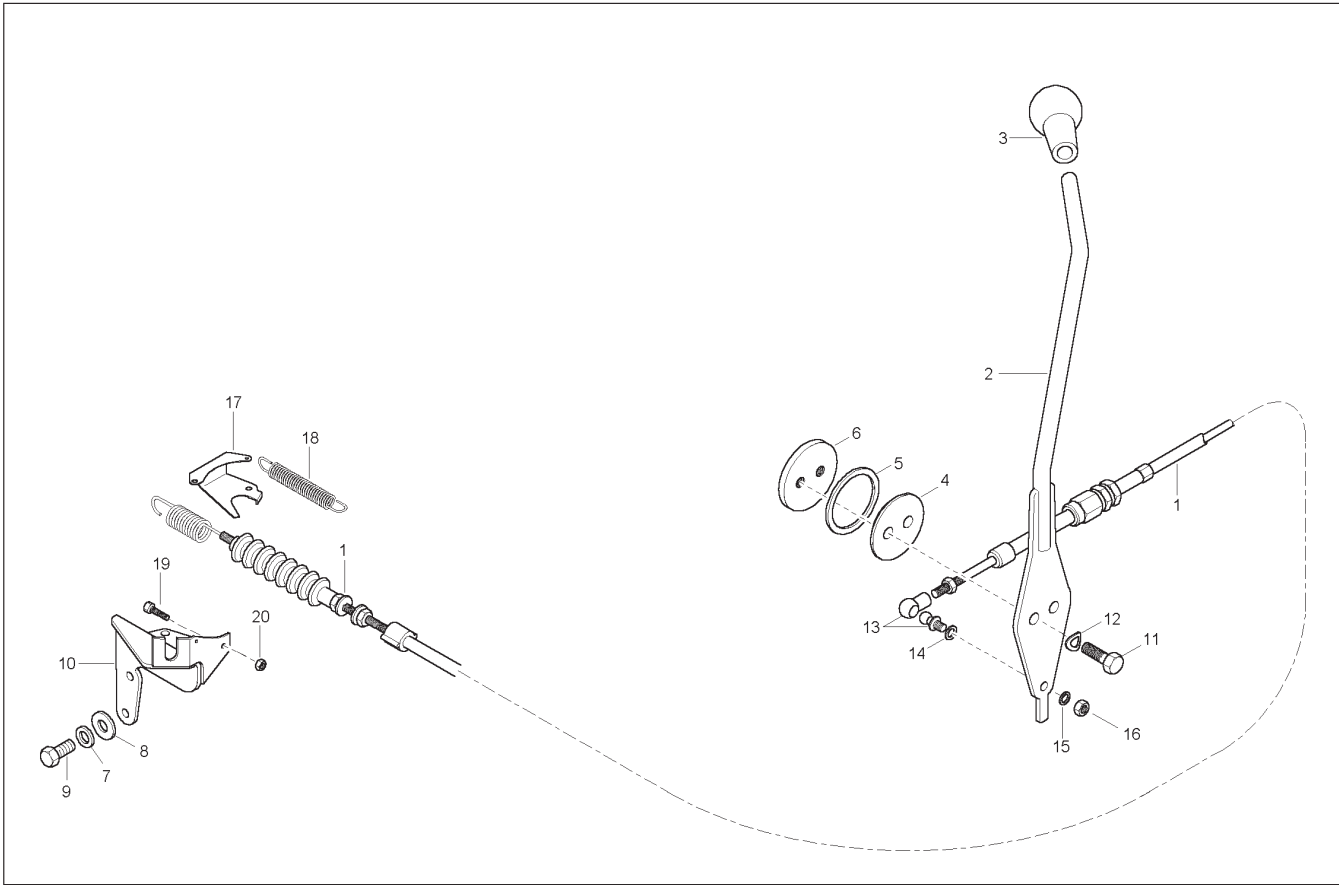


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165066	FUEL TANK	1	15	165110	TANK COVER	1
02	160536	TRANSMITTER	1	16	651505	SHCS HS M5-0.8 X 20 8.8	3
03	651421	SCREW	6	17	161674	RING/SNAP S5	3
04	161658	WASHER/GR A 4.3	6	18	161659	WASHER/GR A 5.3	3
05	163630	SCREW	4	19	656093	CS M8-1.2 X 16 C 8.8	2
06	161669	RING/SNAP S10	4	20	161676	RING/SNAP S8	2
07	161663	WASHER/GR A 10.5	4	21	161661	WASHER/GR A 8.4	2
08	165250	DIESEL HOSE	1	22	161415	SCREW	1
09	165270	HOSE COLLAR	1	23	161427	SCREW JOINT	1
10	162611	COLLAR	1	24	161438	ELBOW	1
11	165074	FILLER NECK	1	25	165960	SCREW JOINT	1
12	160436	STRAINER	1	26	165962	ANGLE	1
13	165072	RUBBER	1	27	165990	SPLASH SHIELD	1
14	165073	BRACKET	1				

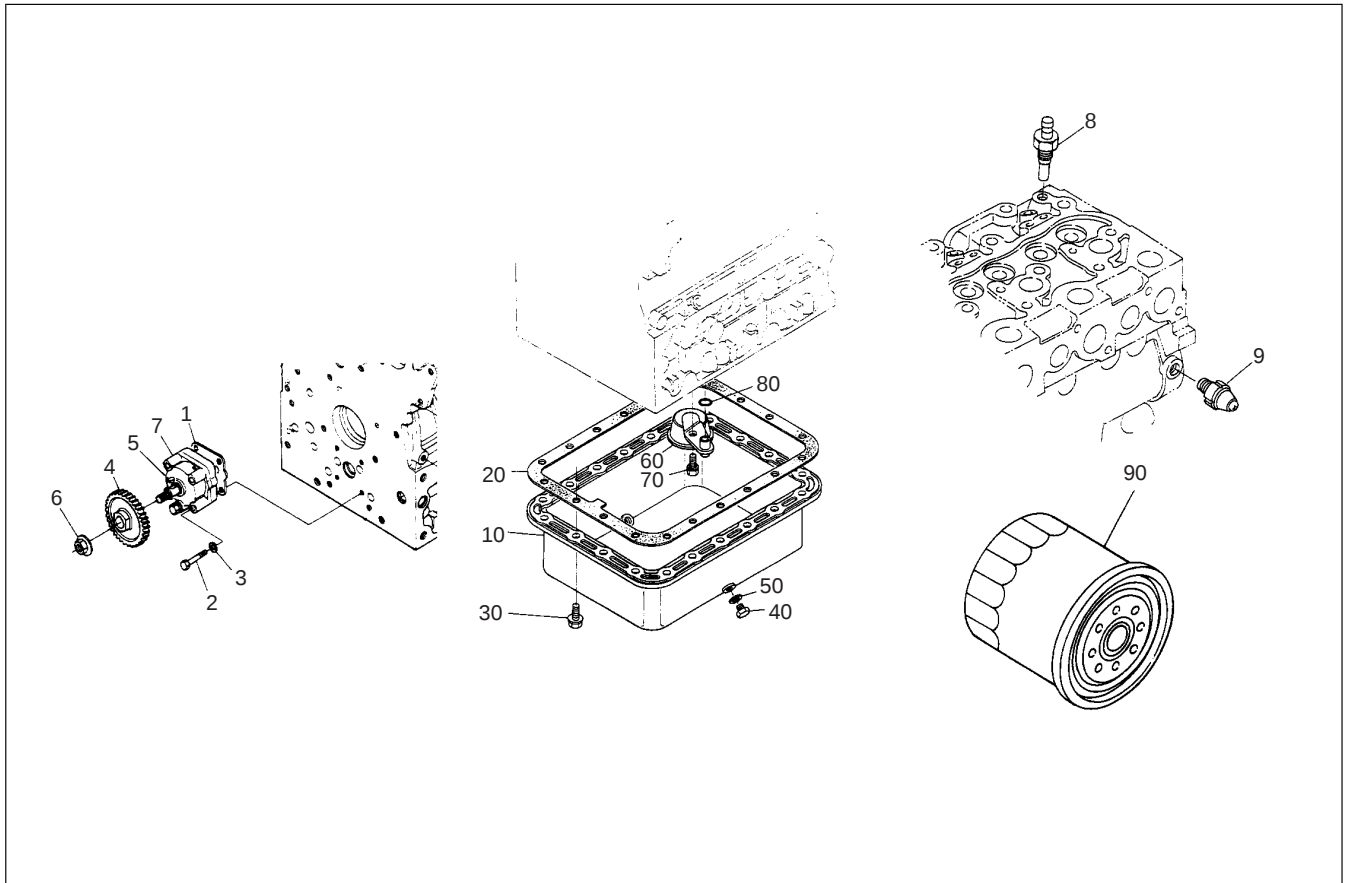


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165275	TUBE	1	09	163649	SCREW	2
02	165274	TUBE	1	10	161676	RING/SNAP S8	5
03	160844	TUBE	1	11	161661	WASHER/GR A 8.4	3
04	165915	HOSE	0.4	12	656093	CS M8-1.2 X 16 C 8.8	2
05	165915	HOSE	0.5	13	161667	WASHER/GR A 8.4	2
06	165915	HOSE	0.7	14	165268	WATER SEPARATOR	1
07	162504	COLLAR	8	15	651438	HB M8-1.2 X 70 C 8.8	1
08	165261	BRACKET	1	18	425-36091	FUEL FILTER	1

303 - THROTTLE

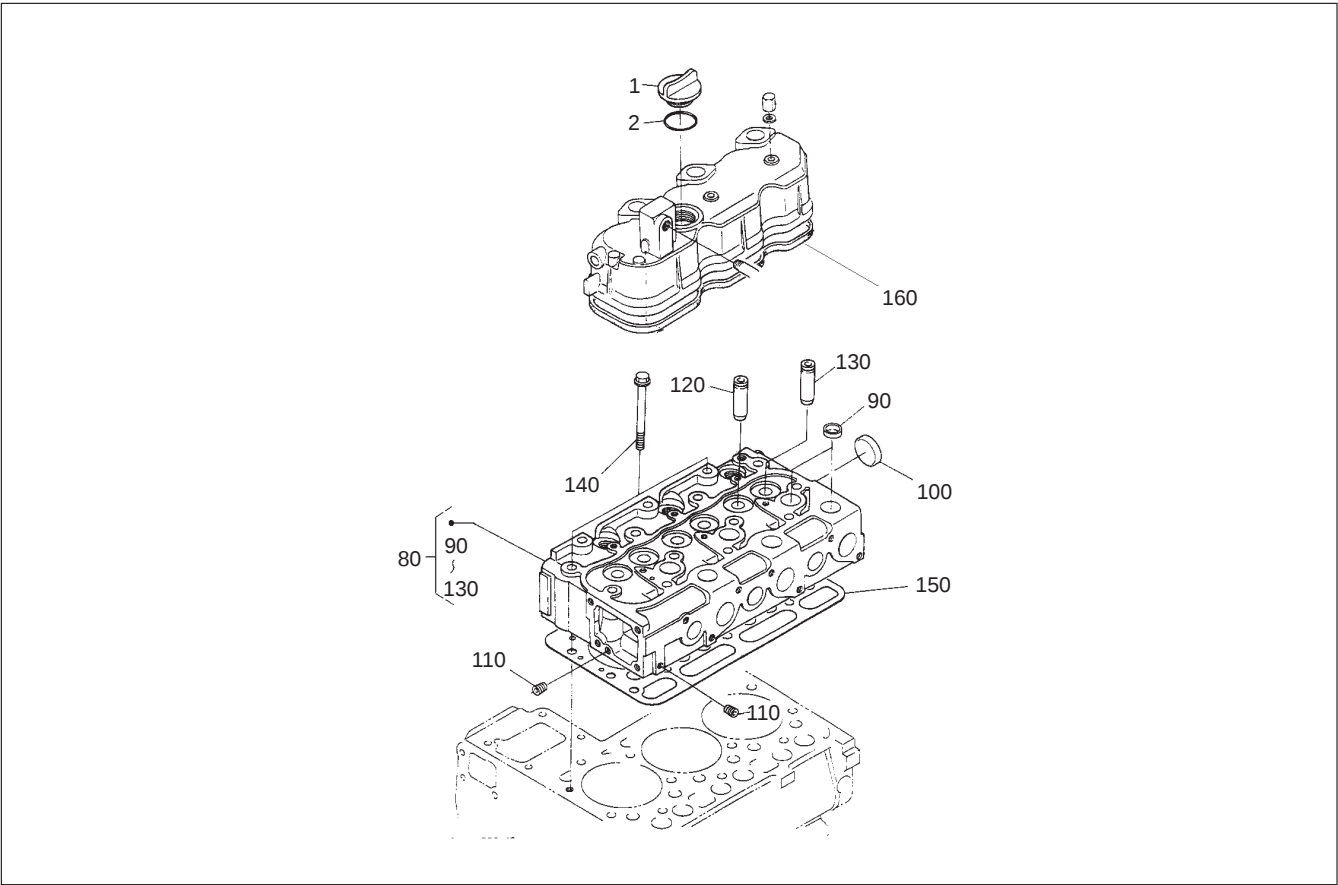


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165060	CABLE	1	11	163649	SCREW	2
02	165609	GAS LEVER	1	12	162487	WASHER	2
03	162398	HANDLE	1	13	162505	BALL AND SOCKET	1
04	162349	WASHER	1	14	161660	WASHER/GR A 6.4	1
05	162351	BRAKE DISC	1	15	165977	BUSHING	1
06	162350	WASHER	1	16	651457	HLN INS M6-1.0 8	1
07	161676	RING/SNAP S8	2	17	165260	BRACKET	1
08	161661	WASHER/GR A 8.4	2	18	160480	SPRING	1
09	656001	CS M8-1.2 X 20 C 8.8	2	19	651426	CS M6-1.0 X 35 C 8.8	1
10	165259	CABLE BRACKET	1	20	656047	HN M6-1.0	1

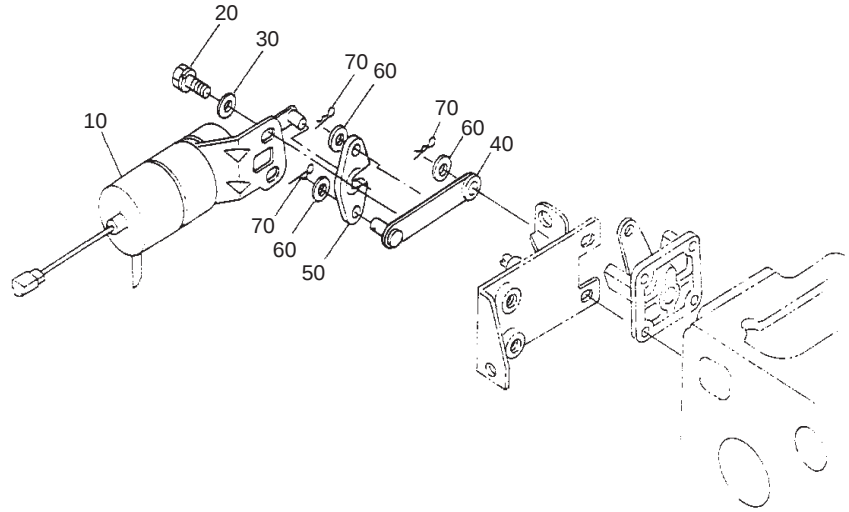


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165387	SEAL	1	10	165278	SUMP ASSY LUB OIL SYS.	1
02	165388	SCREW	4	20	165338	SEAL	1
03	165336	SPRING	4	30	165339	SCREW	20
04	165389	GEAR	1	40	165340	SCREW	2
05	165390	KEY	1	50	165341	SEAL	2
06	165391	NUT	1	60	165342	STRAINER	1
07	165392	OILPUMP	1	70	165343	SCREW	1
08	165578	WATER TEMPERATURE SWITCH	1	80	165344	O-RING	1
09	165279	OIL PRESSURE SWITCH	1	90	121965	OIL FILTER	1

303 - CYLINDER HEAD

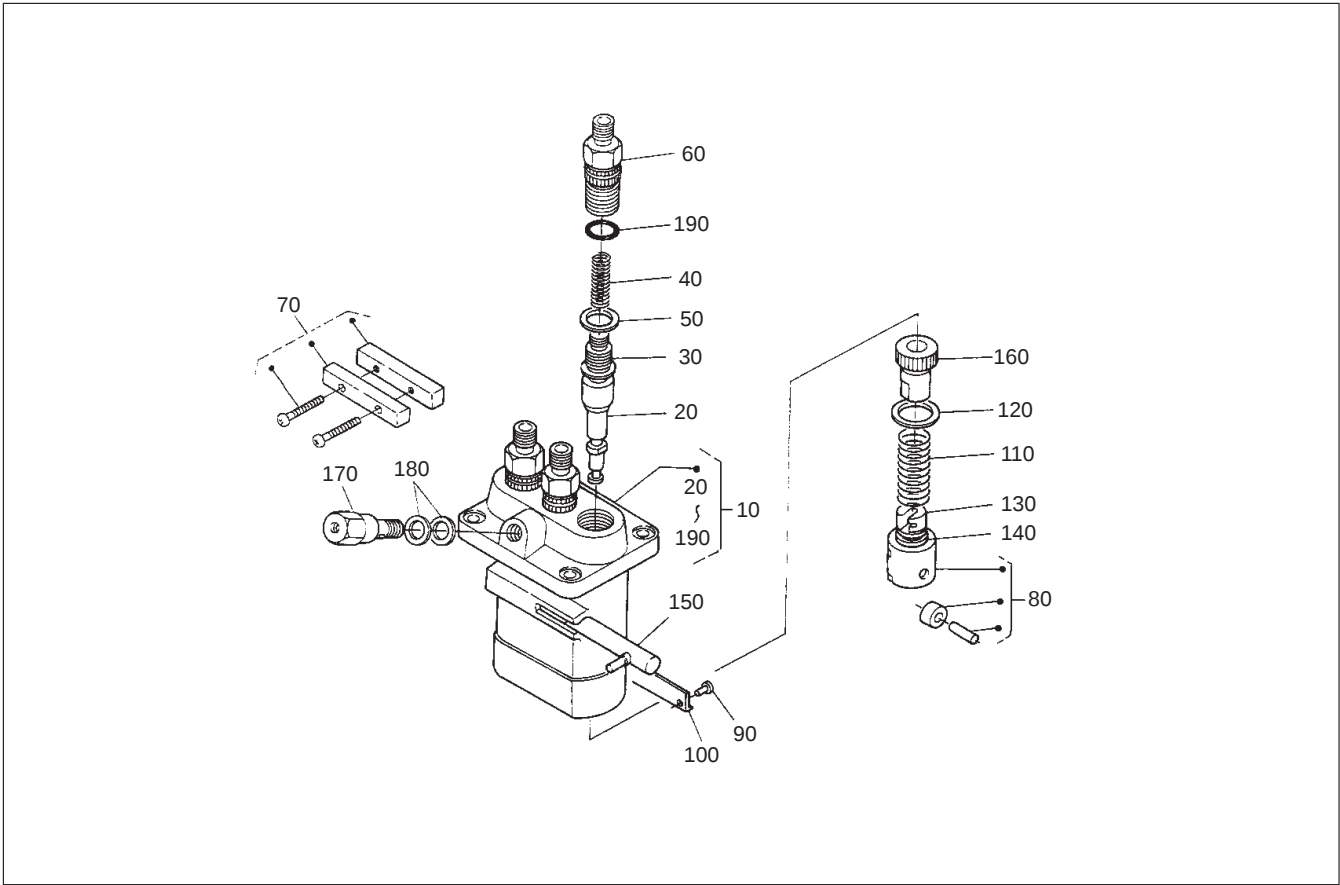


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165412	PLUG	1	120	165397	GUIDE/ INLET VALVE	3
02	165393	O-RING	1	130	165398	GUIDE/ EXHAUST VALVE	3
80	165394	CYLINDER HEAD COMPLETE	1	140	165399	SCREW	14
90	165395	SEAL	9	150	165433	CYLINDER HEAD GASKET	1
100	165577	PLUG	1	160	165432	VALVE COVER SEAL	1
110	165396	PLUG	2				

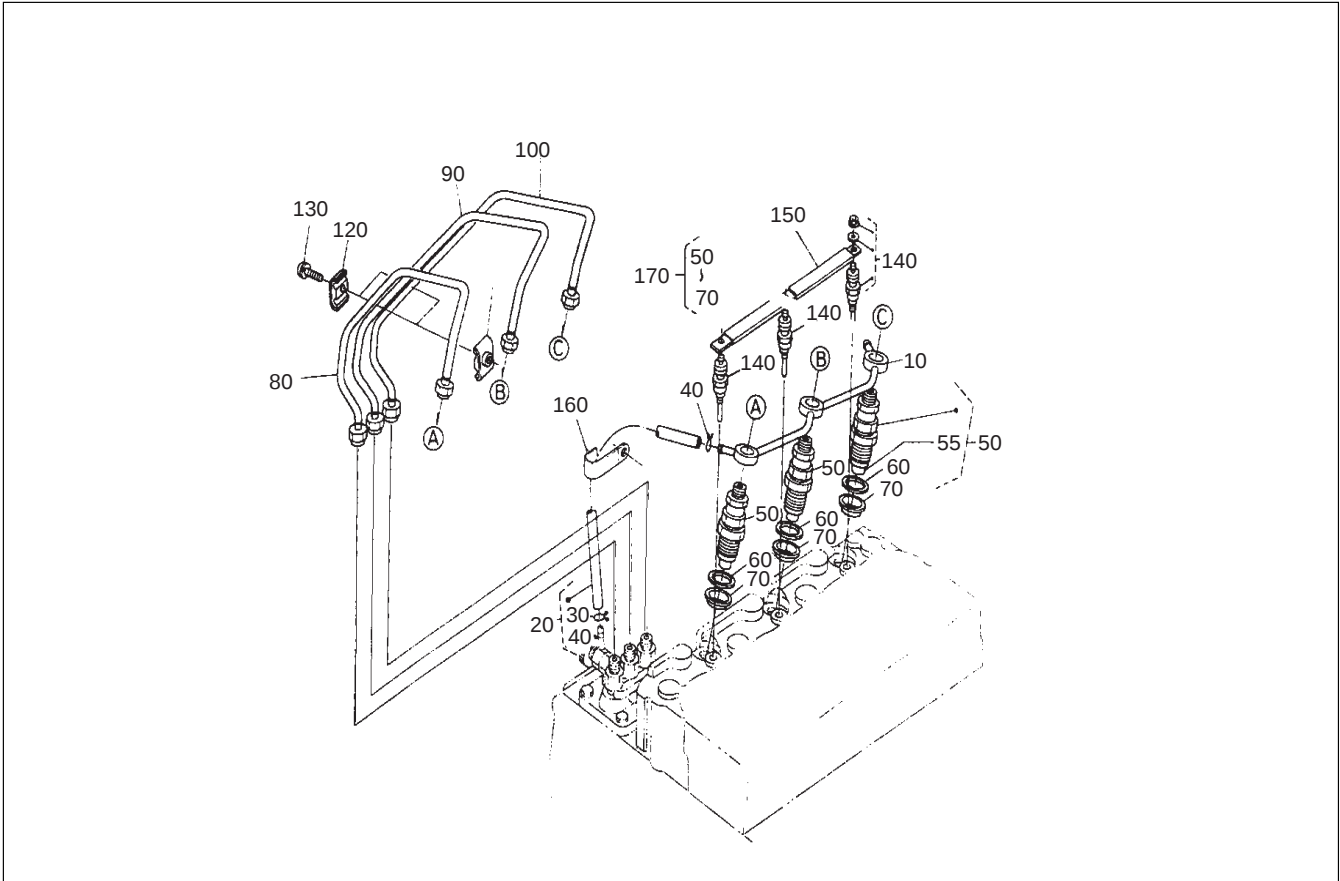


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
10	165284	STOP SOLENOID	1	50	165415	LEVER	1
20	165345	SCREW	2	60	165347	WASHER	3
30	165346	WASHER	2	70	165348	LOCKING PIN	3
40	165414	LEVER	1				

303 - FUEL INJECTION PUMP

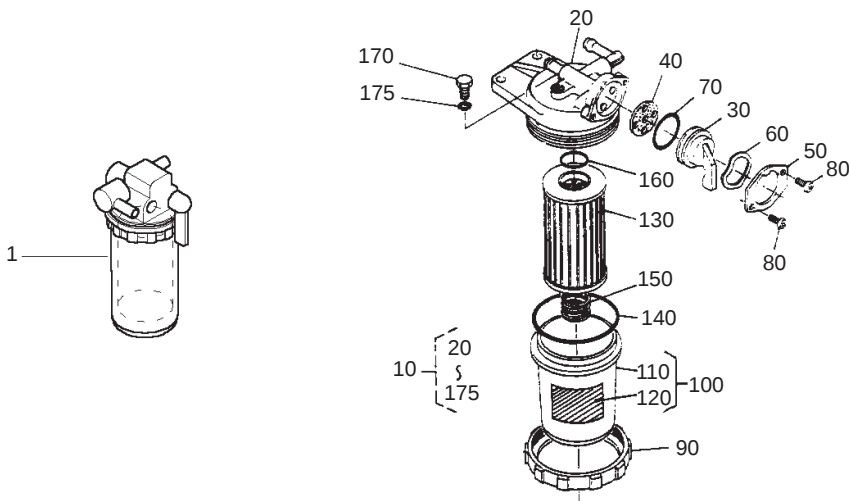


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
10	165416	FUEL INJECTION PUMP	1	110	165378	SPRING	3
20	165369	PLUNGER	3	120	165379	SEAT SPRING UPPER	3
30	165370	VALVE	3	130	165380	SEAT SPRING LOWER	3
40	165371	SPRING	3	140	165381	SHIM	3
50	165372	SEAL	3	150	165382	RACK CONTROL	1
60	165374	BRACKET	3	160	165383	SLEEVE	3
70	165373	PLATE	1	170	165384	SCREW	1
80	165375	TAPPET	3	180	165385	GASKET	2
90	165376	PIN	3	190	165386	O-RING	3
100	165377	PLATE	1				

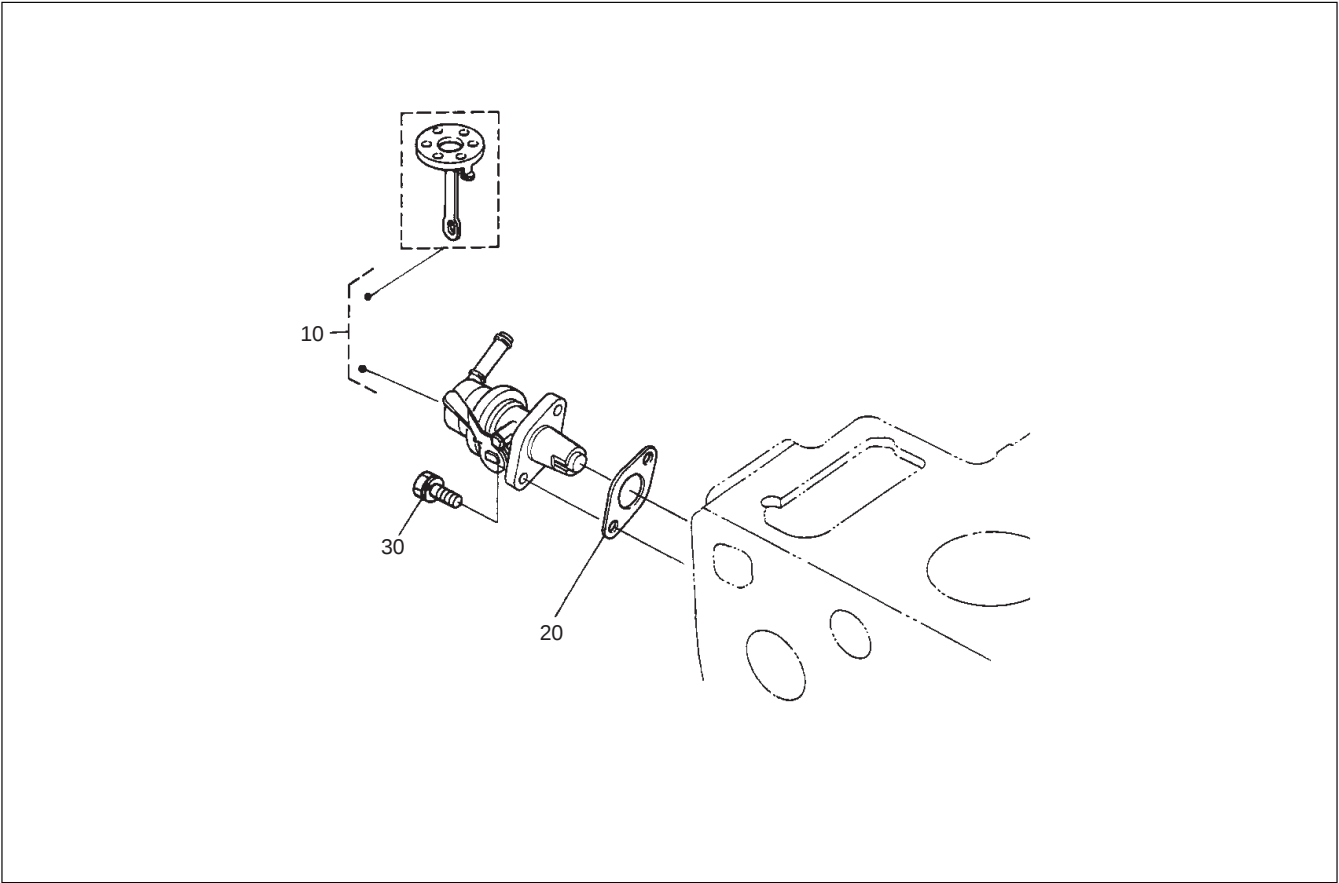


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
10	165417	HOSE	1	90	165405	INJECTION PIPE	1
20	165400	OVER FLOW PIPE	1	100	165406	INJECTION PIPE	1
30	165401	CLIP	1	110	165420	CLAMP	2
40	165402	CLIP	1	120	165421	CLAMP	2
50	165403	NOZZLE HOLDER	3	130	165407	SCREW	2
55	165418	REPAIR KIT	3	140	165422	GLOW PLUG	3
60	165581	SEAL	3	150	165408	CORD – GLOW PLUG	1
70	165419	SEAL	3	160	165409	CLAMP	1
80	165404	INJECTION PIPE	1	170	165423	INJECTION VALVE	1

303 - FUEL FILTER

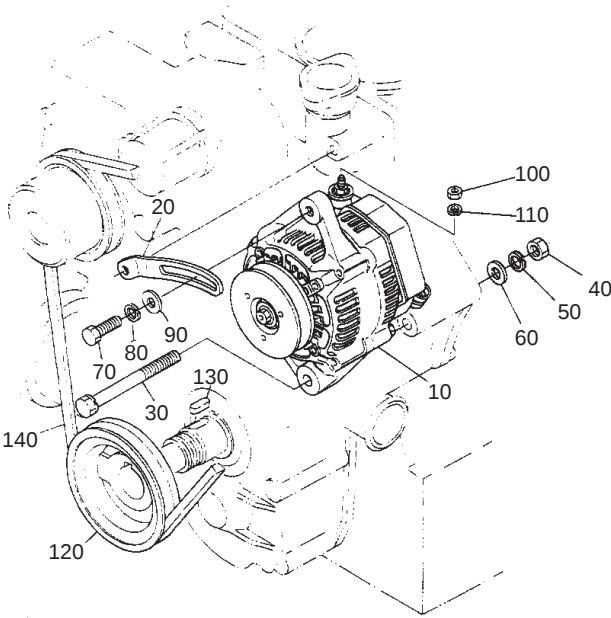


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165268	WATER SEPARATOR	1	100	165361	ASSY CUP FILTER	1
10	165290	FUEL FILTER	1	110	165362	CUP FILTER	1
20	165353	HOUSING	1	120	165363	STICKER	1
30	165354	HANDLE	1	130	425-34636	FUEL FILTER	1
40	165355	SEAL	1	140	165364	O-RING	1
50	165356	BRACKET	1	150	165365	SPRING	1
60	165357	PLATE	1	160	165344	O-RING	1
70	165358	O-RING	1	170	165366	SCREW	1
80	165359	SCREW	2	175	165367	O-RING	1
90	165360	RING	1				

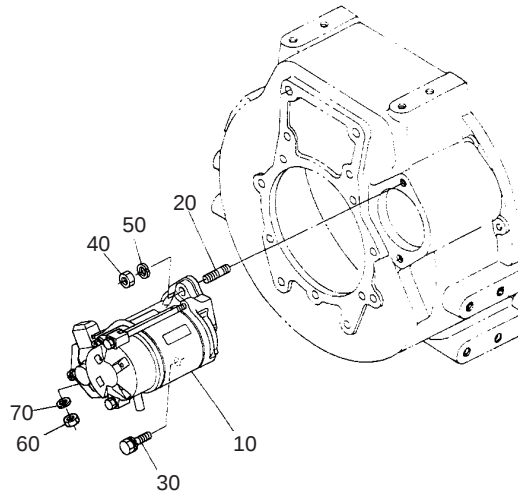


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
10	165288	FUEL PUMP	1	30	165368	SCREW	2
20	165054	SEAL	1				

303 - ALTERNATOR

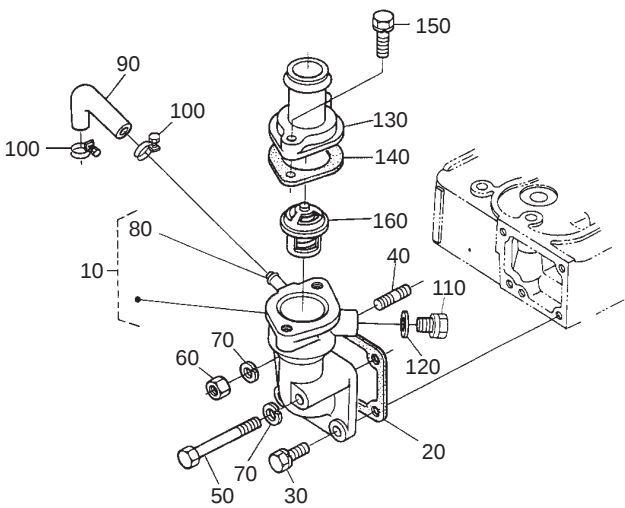


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
10	165283	GENERATOR	1	80	165312	WASHER	1
20	165424	CLAMP CLIP	1	90	165334	WASHER	1
30	165329	STAY DYNAMO	1	100	165335	NUT	1
40	165330	NUT	1	110	165336	SPRING	1
50	165331	SPRING	1	120	165287	PULLEY	1
60	165332	WASHER	1	130	165337	KEY FEATHER	1
70	165333	SCREW	1	140	165425	BELT	1

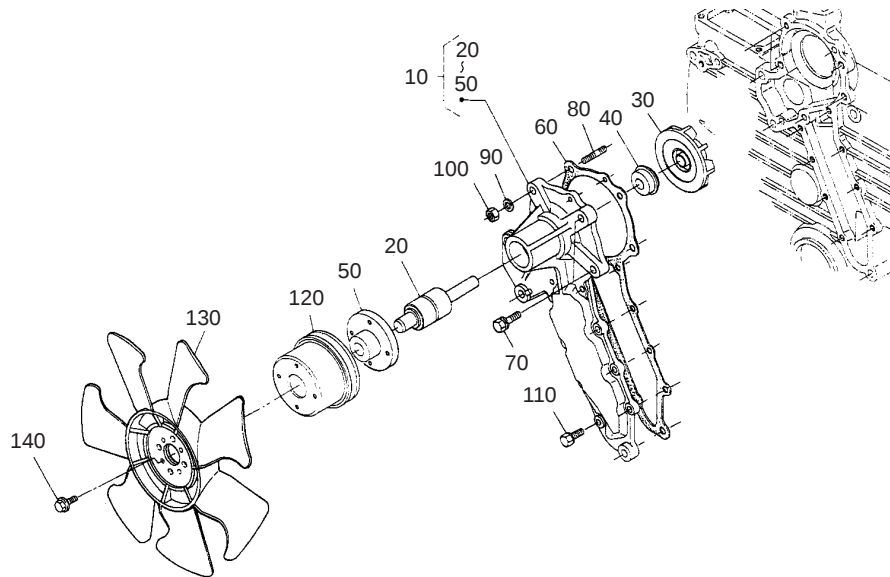


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
10	165282	STARTER	1	50	165331	SPRING	1
20	165350	STUD BOLT	1	60	165352	NUT	1
30	165351	SCREW	1	70	165312	WASHER	1
40	165330	NUT	1				

303 - THERMOSTAT

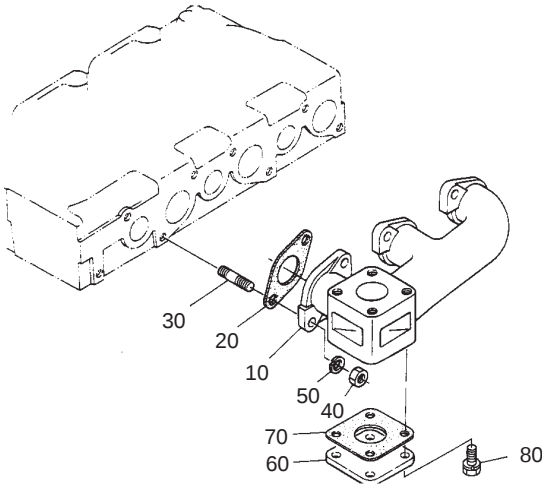


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
10	165426	FLANGE	1	90	165428	HOSE	1
20	165427	SEAL	1	100	165576	SEAL	2
30	165580	PIN	2	110	165327	PLUG	1
40	165324	STUD BOLT	1	120	165328	WASHER WITH RUBBER	1
50	165325	SCREW	1	130	165285	THERMOSTAT HOUSING	1
60	165579	NUT	1	140	165429	SEAL	1
70	165312	WASHER	2	150	165328	WASHER WITH RUBBER	2
80	165326	PIPE	1	160	165430	THERMOSTAT	1

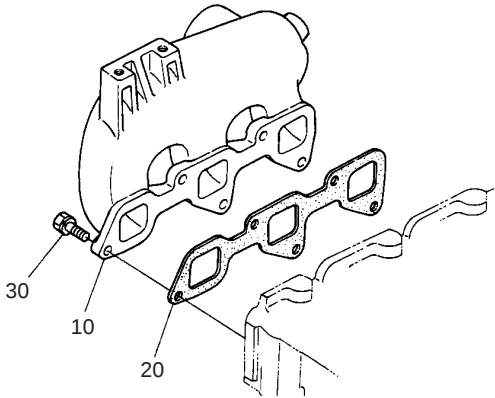


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
10	165315	WATER PUMP COMPLETE	1	80	165322	STUD BOLT	2
20	165316	BEARING	1	90	165312	WASHER	2
30	165317	IMPELLER	1	100	165310	NUT	2
40	165318	SEAL	1	110	165323	SCREW	8
50	165319	FLANGE	1	120	165985	WATER PUMP DRIVE PULLEY	1
60	165321	SEAL	1	130	165286	VENTILATOR	1
70	165320	SCREW	2	140	165314	SCREW	4

303 - EXHAUST MANIFOLD

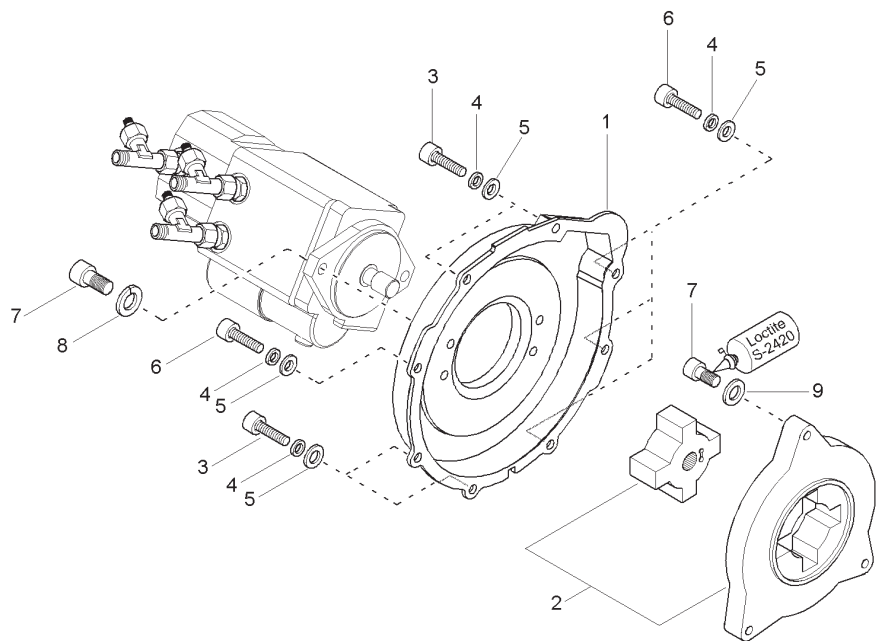


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
10	165281	MANIFOLD-AIREXHAUST	1	50	165312	WASHER	6
20	165313	SEAL	1	60	165311	COVER	1
30	165309	STUD BOLT	6	70	165410	SEAL	1
40	165310	NUT	6	80	165308	SCREW	4

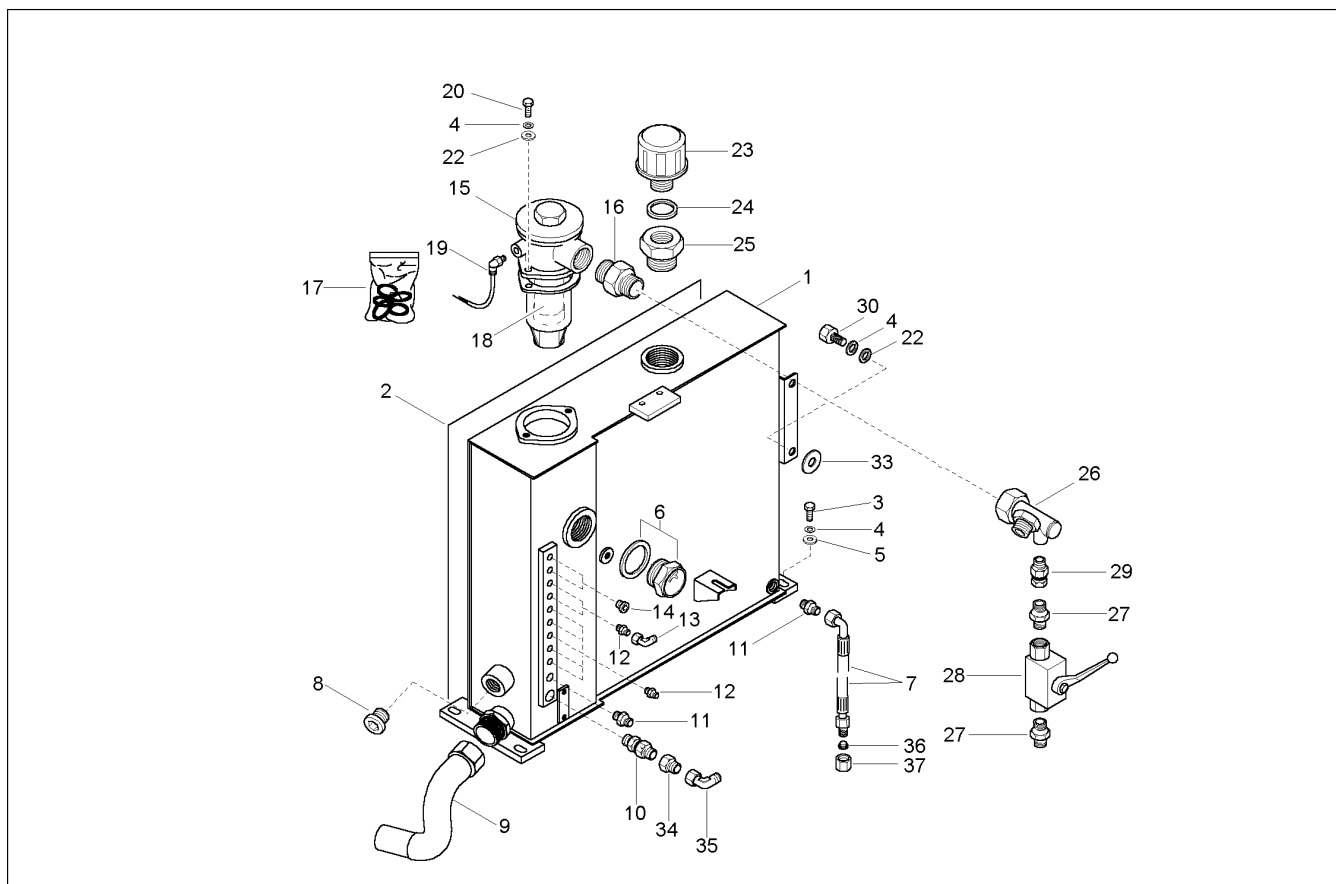


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
10	165280	MANIFOLD-AIREXHAUST	1	30	165308	SCREW	1
20	165431	SEAL	1				

303 - PUMP DRIVE

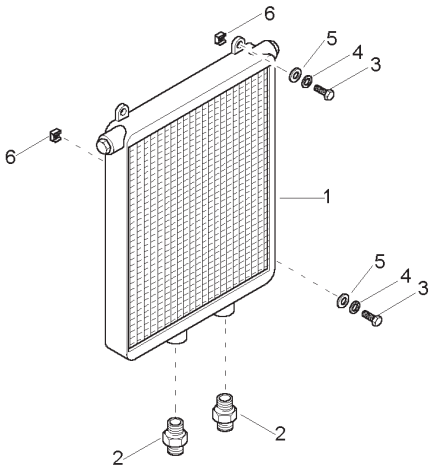


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165277	PUMP DRIVE	1	06	165935	SCREW	4
02	165276	CLUTCH	1	07	651480	SHCS HS M12-1.7 X 30 10.9	5
03	165937	SCREW	4	08	161670	RING/SNAP S12	2
04	161669	RING/SNAP S10	8	09	161642	WASHER/GR A 13	3
05	161640	WASHER/GR A 10.5	8	10	164928	PLUG	1

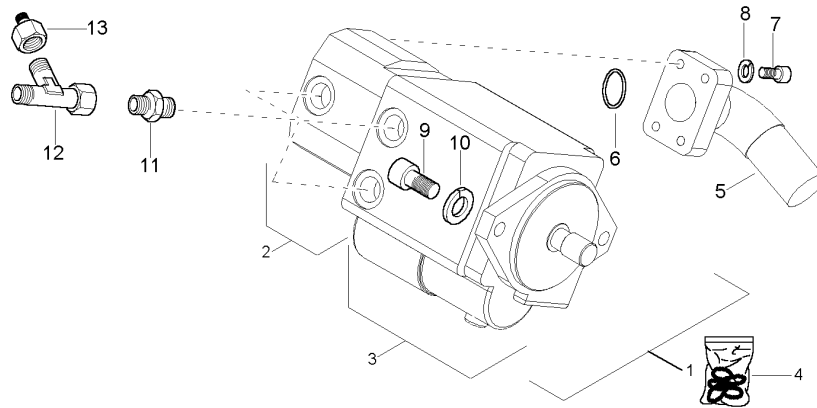


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165063	HYDRAULIC OIL STORAGE TANK	1	18	165111	HYDRAULIC OIL FILTER – ELEMENT . .	1
02	165558	ISOLATION MAT	1	19	163001	PRESSURE SWITCH	1
03	651399	CS M10–1.5 X 40 C 8.8	4	20	651475	SHCS HS M10–1.2 X 30 8.8	2
04	161669	RING/SNAP S10	8	22	161640	WASHER/GR A 10.5	4
05	161641	WASHER/GR A 10.5	4	23	160949	FILTER	1
06	160439	OIL LEVEL GLASS	1	24	161579	SEAL	1
07	165863	HP HOSE	1	25	161485	REDUCTION JOINT	1
08	164925	SCREW	1	26	165478	TUBE	1
09	165471	TUBE	1	27	161430	SCREW JOINT	2
10	161511	NON RETURN VALVE	1	28	160972	BALL VALVE	1
11	161429	SCREW JOINT	2	29	162495	SCREW JOINT	1
12	161426	SCREW JOINT	7	30	163630	SCREW	2
13	161443	ANGLE	2	33	160887	CORK WASHER	2
14	161414	SCREW	2	34	161441	REDUCTION JOINT	1
15	165108	HYDRAULIC OILFILTER COMPLETE . .	1	35	161446	ANGLE	1
16	161490	SCREW JOINT	1	36	161418	PLUG	1
17	165113	SEAL KIT – HYDRAULIC OILFILTER . .	1	37	161423	NUT	1

303 - OIL COOLER

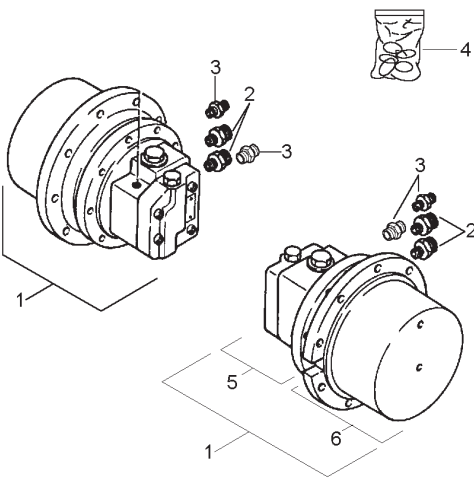


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	160864	HYDRAULIC OIL COOLER	1	04	161676	RING/SNAP S8	3
02	161464	SCREW JOINT	2	05	161661	WASHER/GR A 8.4	3
03	163649	SCREW	3	06	161615	NUT/CAGE M8	3

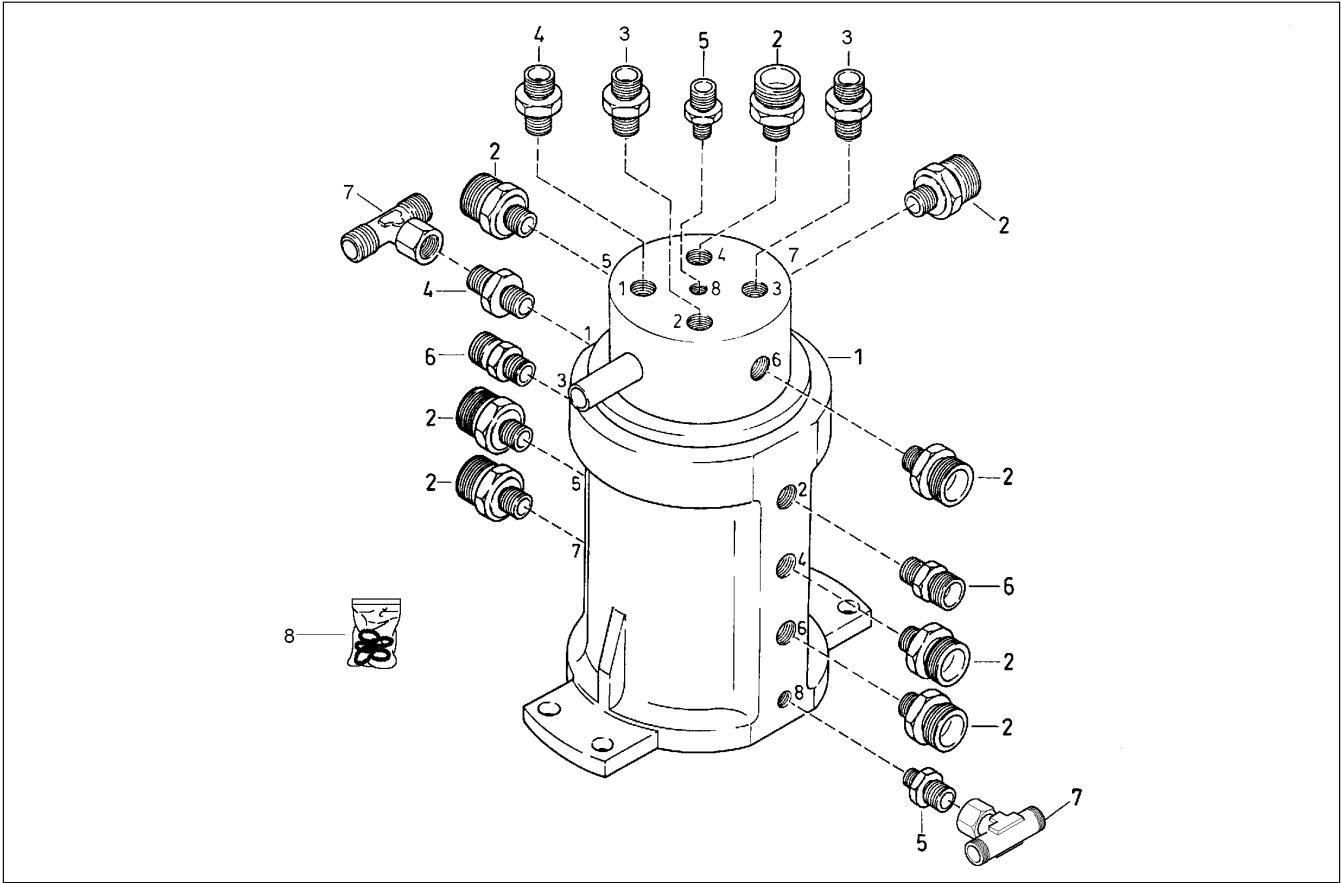


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165661	VARIABLE PUMP + GEAR PUMP	1	08	161669	RING/SNAP S10	4
02	165688	GEAR PUMP	1	09	651480	SHCS HS M12-1.7 X 30 10.9	2
03	165689	VARIABLE PUMP	1	10	161670	RING/SNAP S12	2
04	165703	SEAK KIT	1	11	165971	SCREW JOINT	3
05	165472	FLANGE	1	12	165499	REDUCTION JOINT	3
06	161565	O-RING	1	13	161493	REDUCTION JOINT	3
07	651475	SHCS HS M10-1.2 X 30 8.8	4				

303 - TRAVEL MOTORS

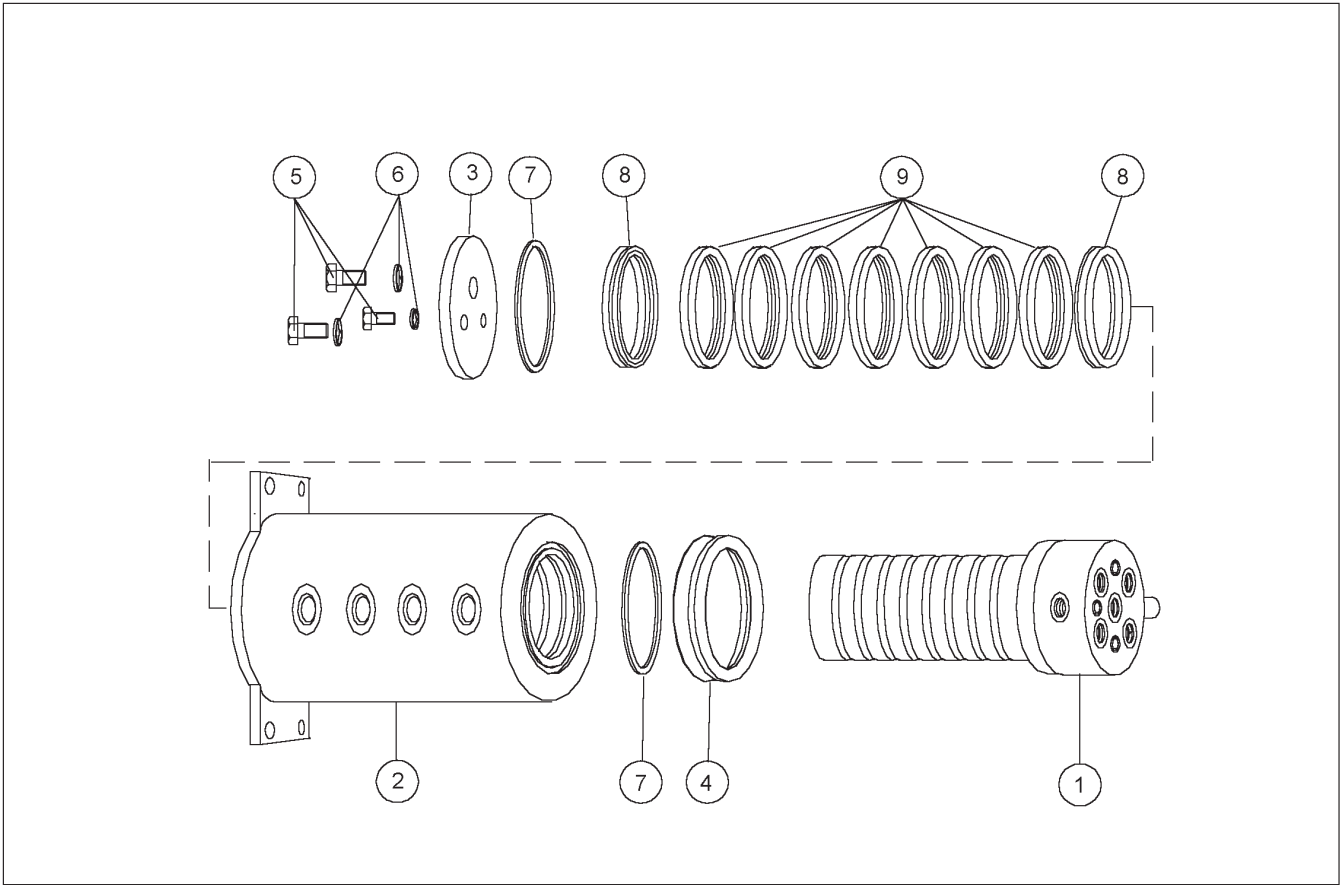


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165662	TRACK DRIVE UNIT	2	04	165538	SEAL-KIT	2
02	165965	SCREW JOINT	4	05	165539	ENGINE COMPLETE	2
03	164945	SCREW JOINT	4	06	165691	GEARBOX COMPLETE	2

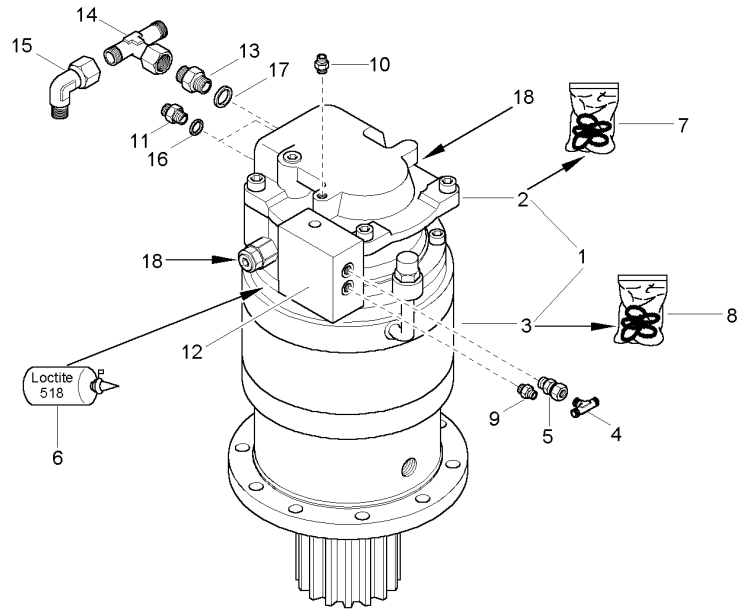


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	162526	SWIVEL JOINT	1	05	161426	SCREW JOINT	2
02	161463	SCREW JOINT	8	06	161429	SCREW JOINT	2
03	161428	SCREW JOINT	2	07	161450	TEE	2
04	161427	SCREW JOINT	2	08	165582	SEAL KIT	1

303 - SWIVEL JOINT, DISASSEMBLED

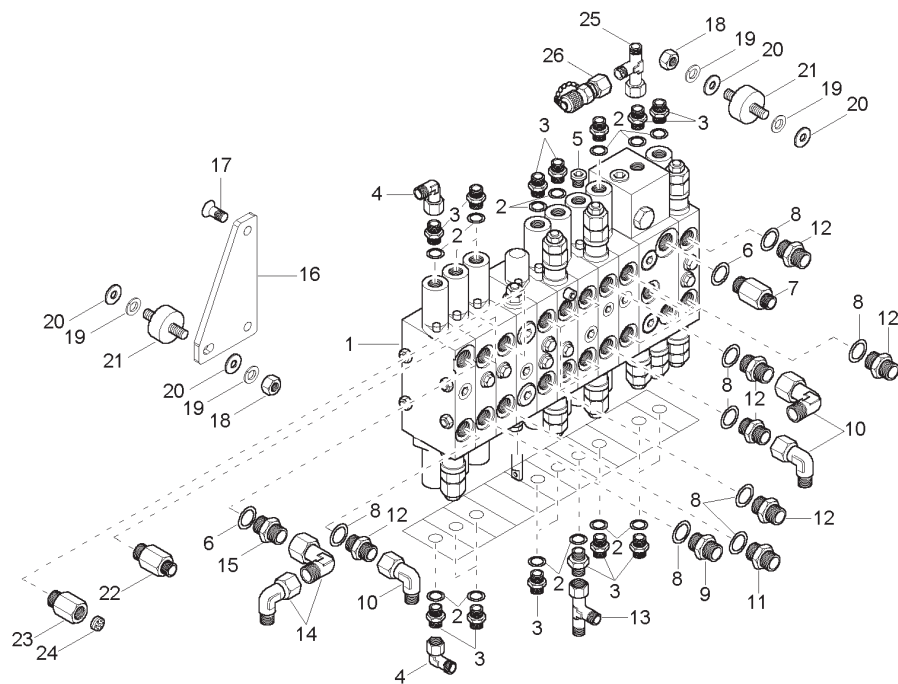


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165584	INNER PART – SWIVEL JOINT	1	06	656110	LW REG M8	3
02	165585	OUTER PART – SWIVEL JOINT	1	07	165498	WASHER	2
03	165495	COVER	1	08	165497	WASHER	2
04	165583	V–SEAL	1	09	165496	WASHER	7
05	656001	CS M8–1.2 X 20 C 8.8	3				

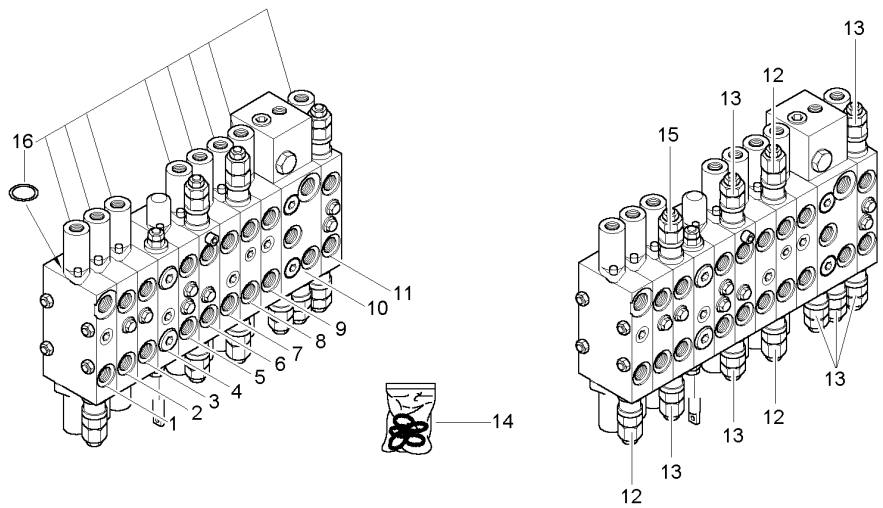


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165660	ROTARY ACTUATOR COMPLETE	1	10	165969	SCREW JOINT	1
02	165508	TORQUE MOTOR	1	11	165966	SCREW JOINT	2
03	165690	TURNING GEAR	1	12	165513	VALVE	1
04	161474	VALVE	1	13	165965	SCREW JOINT	1
05	165973	SCREW JOINT	1	14	161467	TEE	1
06	165897	LOCTITE 518	1	15	161446	ANGLE	1
07	165510	SEAL KIT – TORQUE MOTOR	1	16	161590	O-RING	2
08	165511	SEAL KIT – TURNING GEAR	1	17	161585	O-RING	1
09	164945	SCREW JOINT	1	18	165512	PRESSURE CONTROL	2

303 - CONTROL VALVE 1

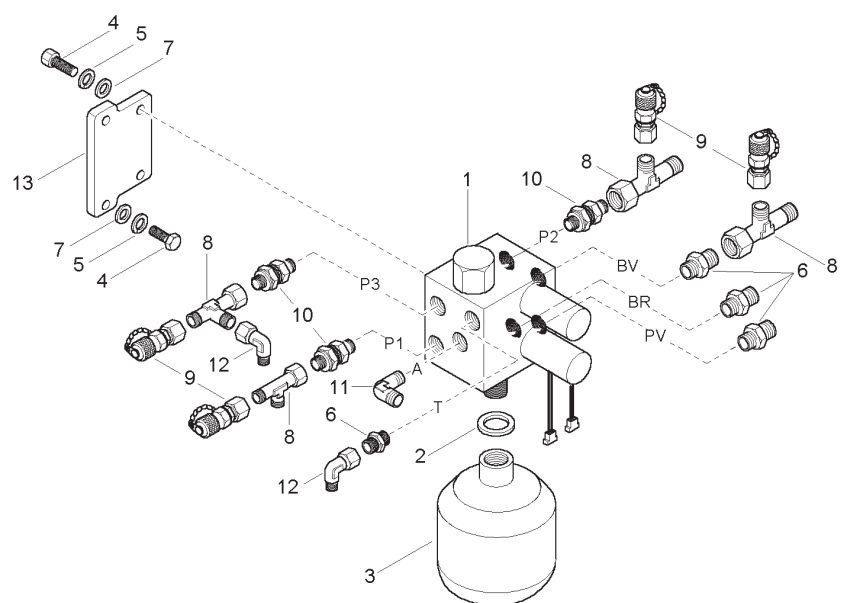


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165663	CONTROL VALVE	1	15	165968	SCREW JOINT	1
02	161574	O-RING	17	16	165065	PLATE	1
03	164945	SCREW JOINT	17	17	162041	SCREW	2
04	161443	ANGLE	2	18	163630	SCREW	3
05	161414	SCREW	1	18	656102	HN M10-1.2	3
06	161585	O-RING	2	19	161669	RING/SNAP S10	3
07	165504	SCREW JOINT	1	20	161640	WASHER/GR A 10.5	4
08	161590	O-RING	19	21	165566	RUBBER-METAL-BUFFER	3
09	165966	SCREW JOINT	1	22	165505	SCREW JOINT	1
10	161446	ANGLE	3	23	161357	CONNECTOR	1
11	165972	SCREW JOINT	1	24	160651	THROTTLE	1
12	165971	SCREW JOINT	15	25	161448	ELBOW	1
13	161448	ELBOW	1	26	161514	MEASURE JOINT	1
14	161456	ANGLE	2				



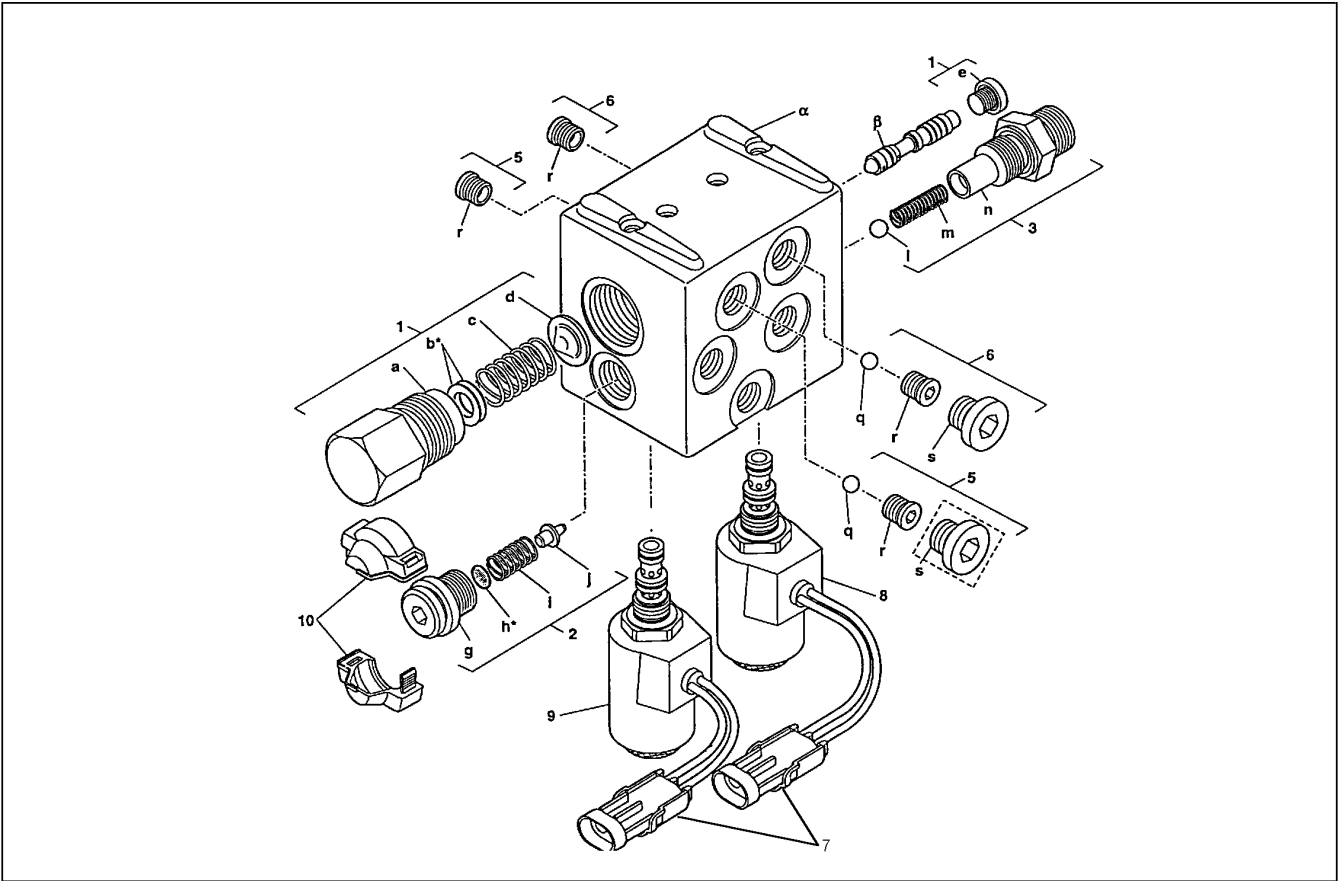
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165524	SEGMENT	1	09	165532	SEGMENT (RIGHT)	1
02	165525	SEGMENT	1	10	165533	SEGMENT	1
03	165526	SEGMENT	1	11	165534	SEGMENT	1
04	165527	SEGMENT	1	12	165535	MAIN PRESSURE CONTROL	3
05	165528	SEGMENT	1	13	165536	PRESSURE LIMITING VALVE	7
06	165529	SEGMENT	1	14	165569	SEAL KIT	1
07	165530	SEGMENT (LEFT)	1	15	165543	NON RETURN VALVE	1
08	165531	SEGMENT	1	16	165541	SEAL	16

303 - PILOT OIL SUPPLY (BEFORE SN AB00865)



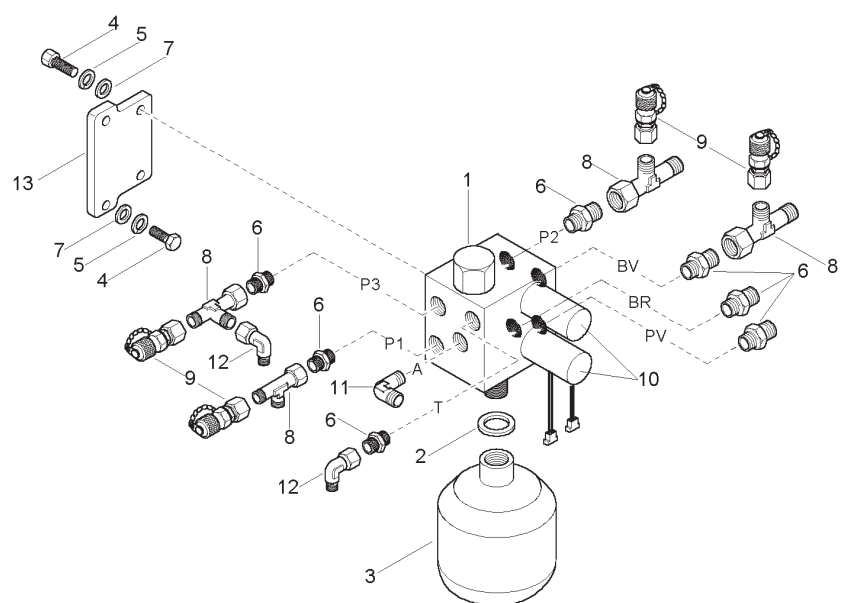
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	160594	PILOT OIL SUPPLY UNIT	1	08	161448	ELBOW	4
02	161567	SEAL	1	09	161514	MEASURE JOINT	4
03	160437	ACCUMULATOR	1	10	165975	NON RETURN VALVE	3
04	656001	CS M8-1.2 X 20 C 8.8	4	11	161438	ELBOW	1
05	161676	RING/SNAP S8	4	12	161443	ANGLE	2
06	161426	SCREW JOINT	4	13	162790	PLATE	1
07	161661	WASHER/GR A 8.4	4				

303 - PILOT OIL SUPPLY, BREAKDOWN



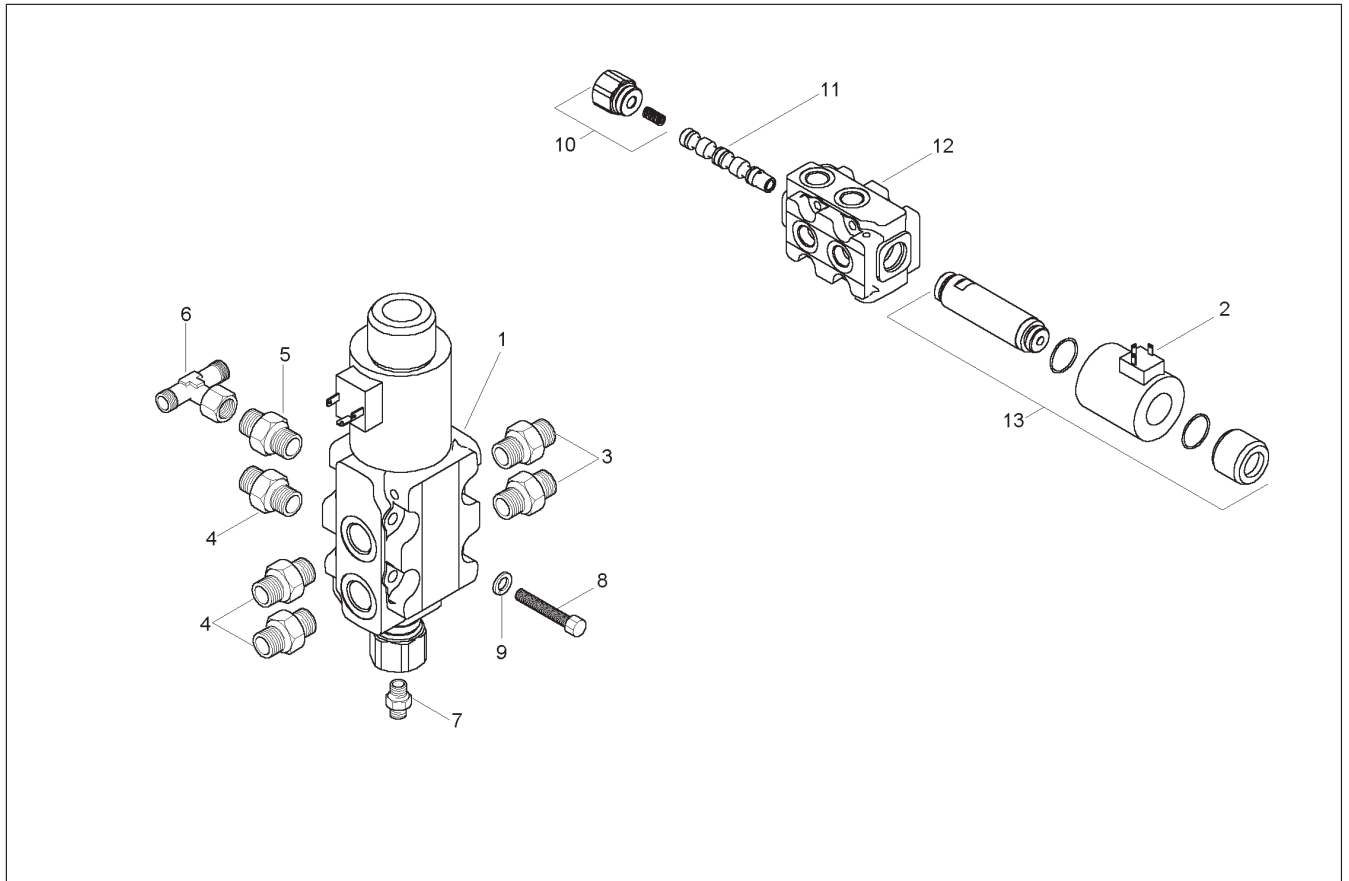
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	160572	PLUG	1	07	162471	PLUG	2
02	162519	PRESSURE RELIEF VALVE KIT	1	08	160571	SOLENOID SWITCH	1
03	162520	CONNECTION KIT	1	09	160571	SOLENOID SWITCH	1
05	162521	SHUTTLE VALVE KIT	1	10	162518	HALF COVERS	1
06	162521	SHUTTLE VALVE KIT	1				

303 - PILOT OIL SUPPLY (AFTER SN AB00864)



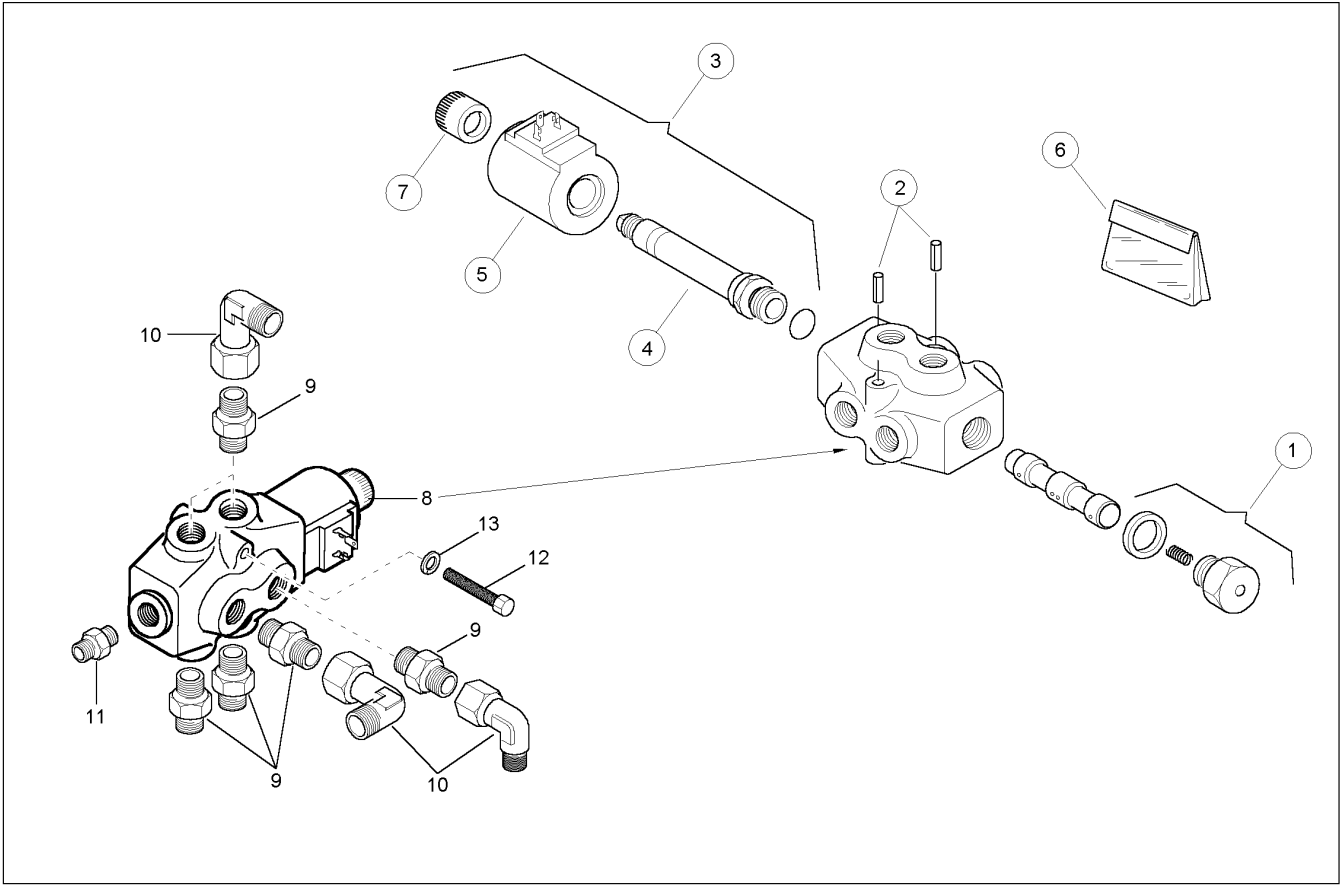
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165045	PILOT OIL SUPPLY UNIT	1	08	161448	ELBOW	4
02	161567	SEAL	1	09	161514	MEASURE JOINT	4
03	160437	ACCUMULATOR	1	10	165043	SOLENOID SWITCH	2
04	656001	CS M8-1.2 X 20 C 8.8	4	11	161438	ELBOW	1
05	161676	RING/SNAP S8	4	12	161443	ANGLE	2
06	161426	SCREW JOINT	7	13	162790	PLATE	1
07	161667	WASHER/GR A 8.4	4				

303 - PILOT OPERATION CHECK VALVE

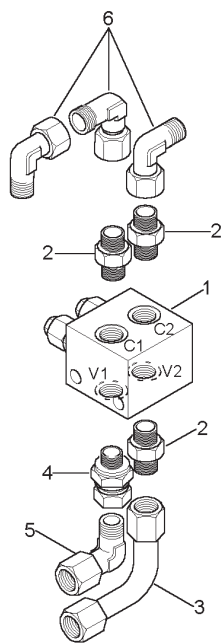


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165488	SELECTION VALVE	1	08	165928	SCREW	2
02	165516	COIL	1	09	161661	WASHER/GR A 8.4	2
03	165961	SCREW JOINT	2	10	165515	STOP SOLENOID	1
04	161431	SCREW JOINT	3	11	165519	CONTROL PLUNGER	1
05	161432	SCREW JOINT	1	12	165518	HOUSING	1
06	161467	TEE	1	13	165517	MAGNET	1
07	161426	SCREW JOINT	1				

303 - DOZER BLADE REVERSING VALVE

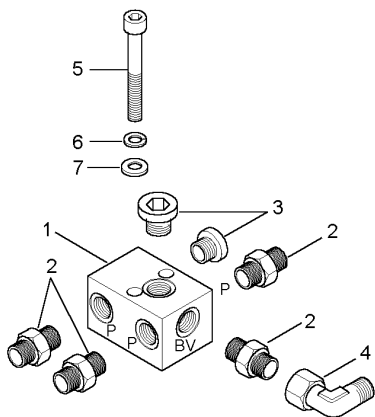


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	162241	STOP SOLENOID	1	08	160763	SELECTION VALVE	1
02	162242	PLUG	2	09	161427	SCREW JOINT	6
03	162243	STOP SOLENOID	1	10	161443	ANGLE	4
04	162244	PIPE SUPPORT	1	11	161426	SCREW JOINT	1
05	162245	MAGNETIC REEL	1	12	165946	SCREW	2
06	162246	SEAL KIT	1	13	161675	RING/SNAP S6	2
07	164706	NUT	1				

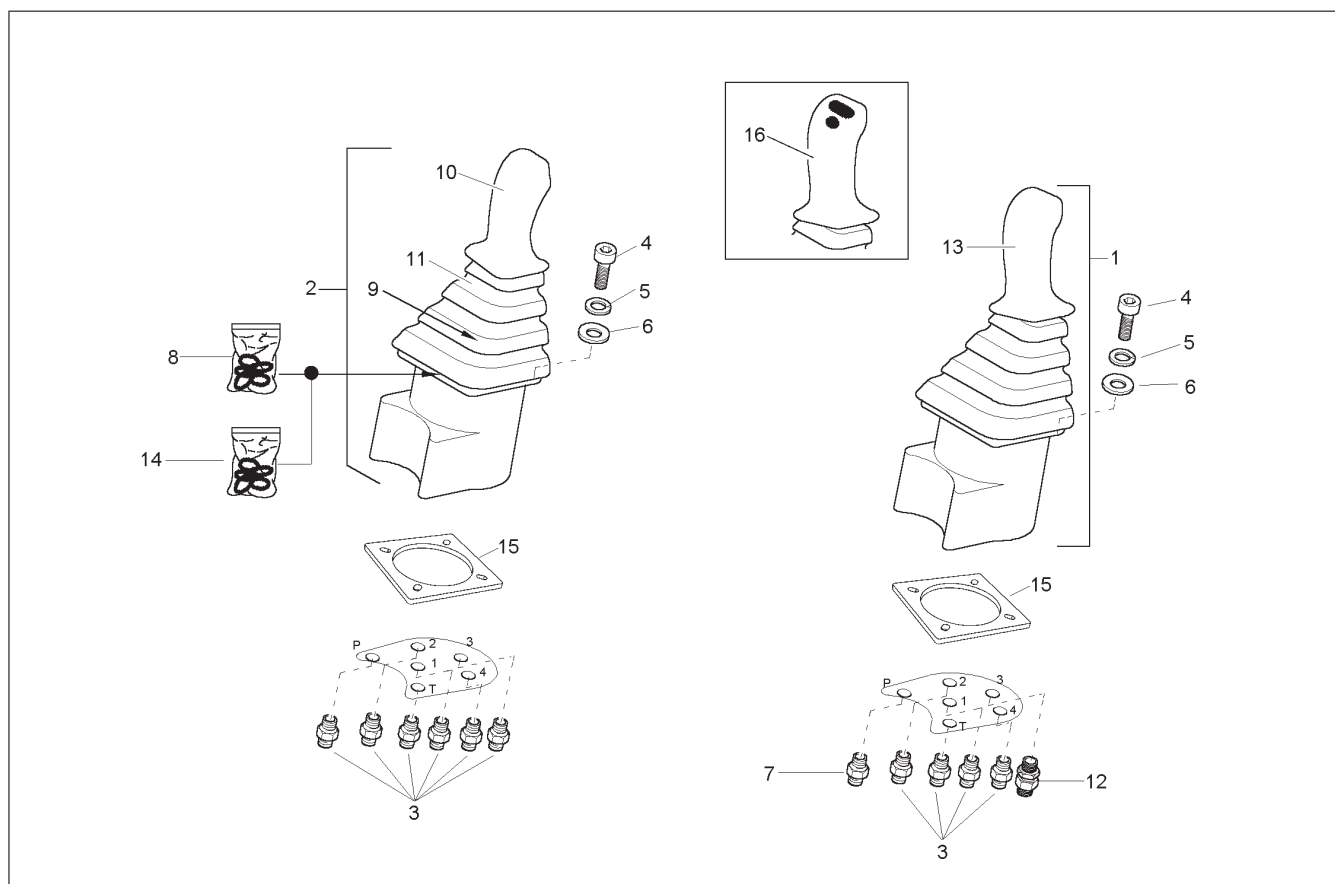


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165490	LOCK VALVE	1	04	165963	SCREW JOINT	1
02	163113	SCREW JOINT	3	05	161444	ANGLE	1
03	165481	TUBE	1				

303 - MANIFOLD BLOCK

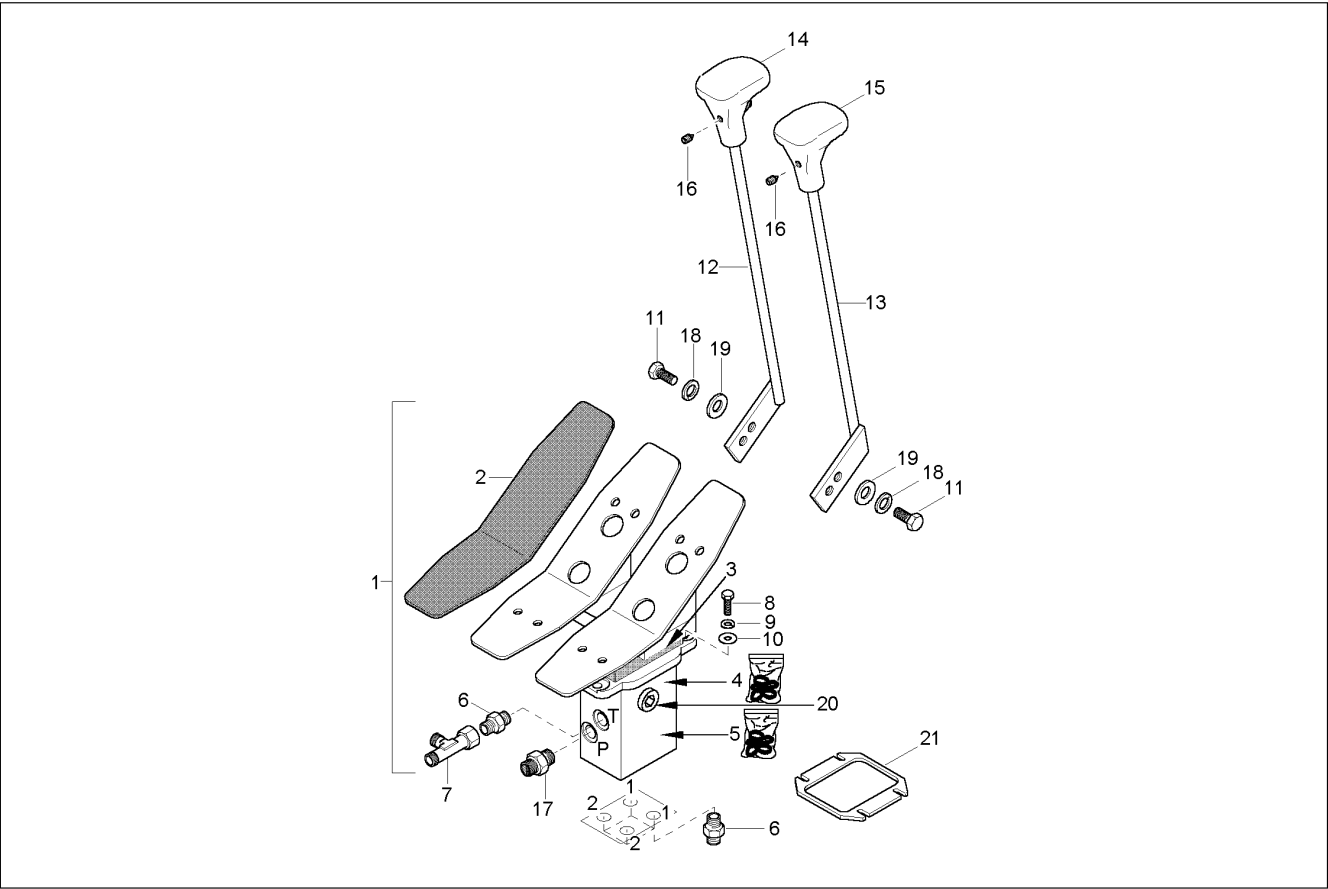


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165089	DISTRIBUTION BLOCK	1	05	162028	SCREW	2
02	161426	SCREW JOINT	4	06	161675	RING/SNAP S6	2
03	161414	SCREW	2	07	161661	WASHER/GR A 8.4	2
04	161443	ANGLE	1				

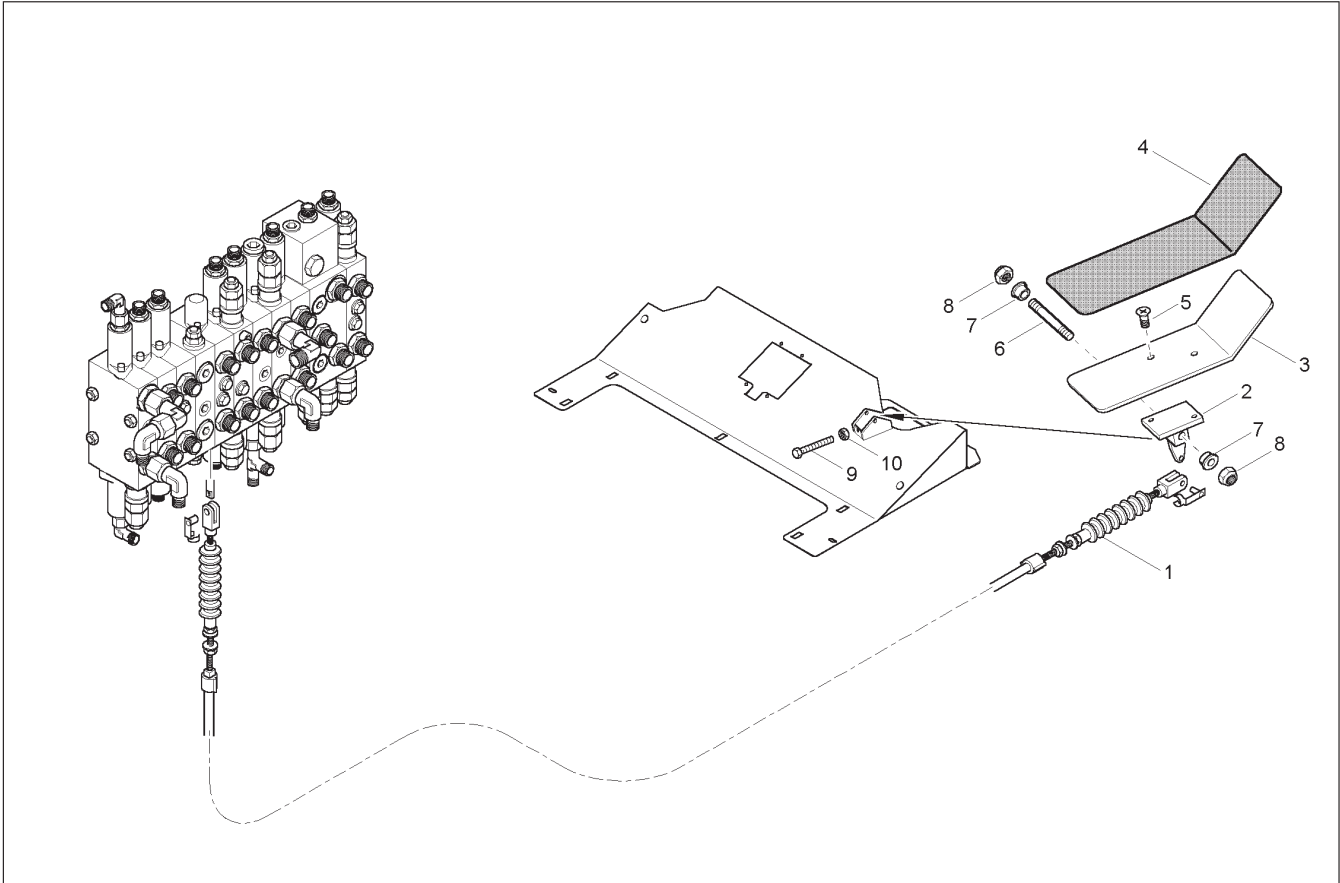


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165489	CONTROL LEVER RIGHT COMPLETE .	1	09	165037	UNIVERSAL JOINT FOR JOYSTICK ...	2
02	160761	CONTROL LEVER	1	10	165039	HANDLE	1
03	161426	SCREW JOINT	10	11	165038	BELLOWS	2
04	651507	SHCS HS M6-1 X 20 8.8	8	12	165976	RESTRICTOR	1
05	161675	RING/SNAP S6	8	13	165816	HANDLE	1
06	161660	WASHER/GR A 6.4	8	14	165041	SEAL KIT I (TAPPET) LEFT/RIGHT	2
07	164535	PILOT CONTROL FILTER	1	15	165825	PLATE	2
08	165040	SEAL KIT II	2	16	165044	HANDLE	1

303 - TRAVELING VALVE

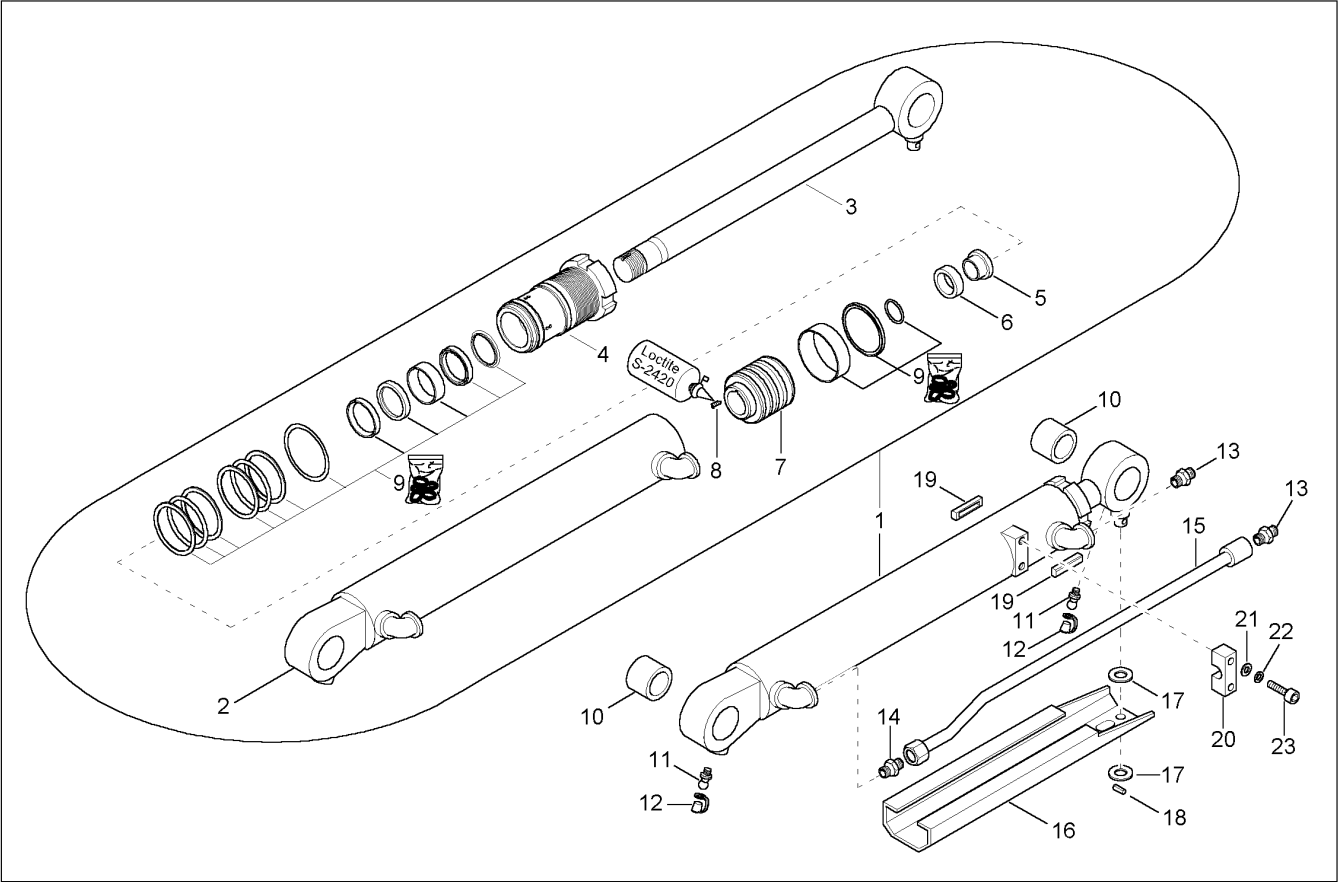


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165487	CONTROL LEVER	1	11	651472	SHCS HS M10-1.2 X 20 8.8	4
02	165523	RUBBER	2	12	165057	HAND LEVER TRAVELLING LEFT	1
03	165522	BELLOWS	1	13	165056	HAND LEVER TRAVELLING RIGHT	1
04	165521	SEAL KIT (TAPPET) LEFT/RIGHT	1	14	160658	KNOB WITH RED SWITCH	1
05	165520	SEAL KIT	1	15	161764	KNOB	1
06	161426	SCREW JOINT	6	16	162027	SCREW MOUNT	2
07	161448	ELBOW	1	17	164535	PILOT CONTROL FILTER	1
08	656001	CS M8-1.2 X 20 C 8.8	4	18	161669	RING/SNAP S10	4
08	163649	SCREW	4	19	161640	WASHER/GR A 10.5	4
09	161676	RING/SNAP S8	4	20	165514	SCREW	2
10	161661	WASHER/GR A 8.4	4	21	165153	PLATE	1



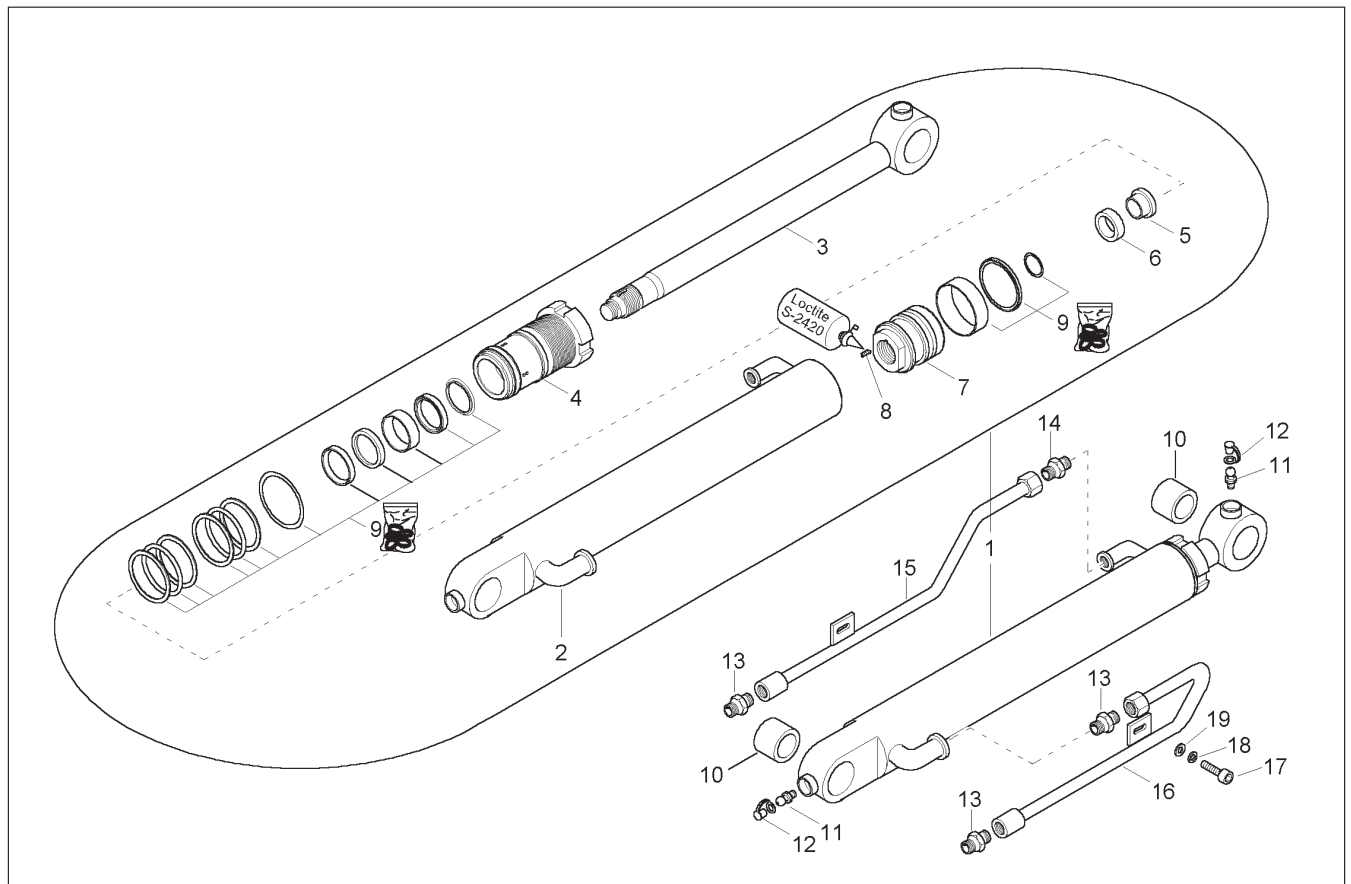
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165058	CABLE	1	06	165550	PIN	1
02	165548	LEVER	1	07	165567	BEARING	2
03	165549	PEDAL FOR AUXILIARY HYDRAULICS .	1	08	651449	HLN INS M12-1.7	2
04	165523	RUBBER	1	09	165944	SCREW	2
05	651465	SCREW FCHC HS M8-1.2 X 16 8.8	2	10	656100	HN M5-.8	2

303 - LIFTING ARM CYLINDER



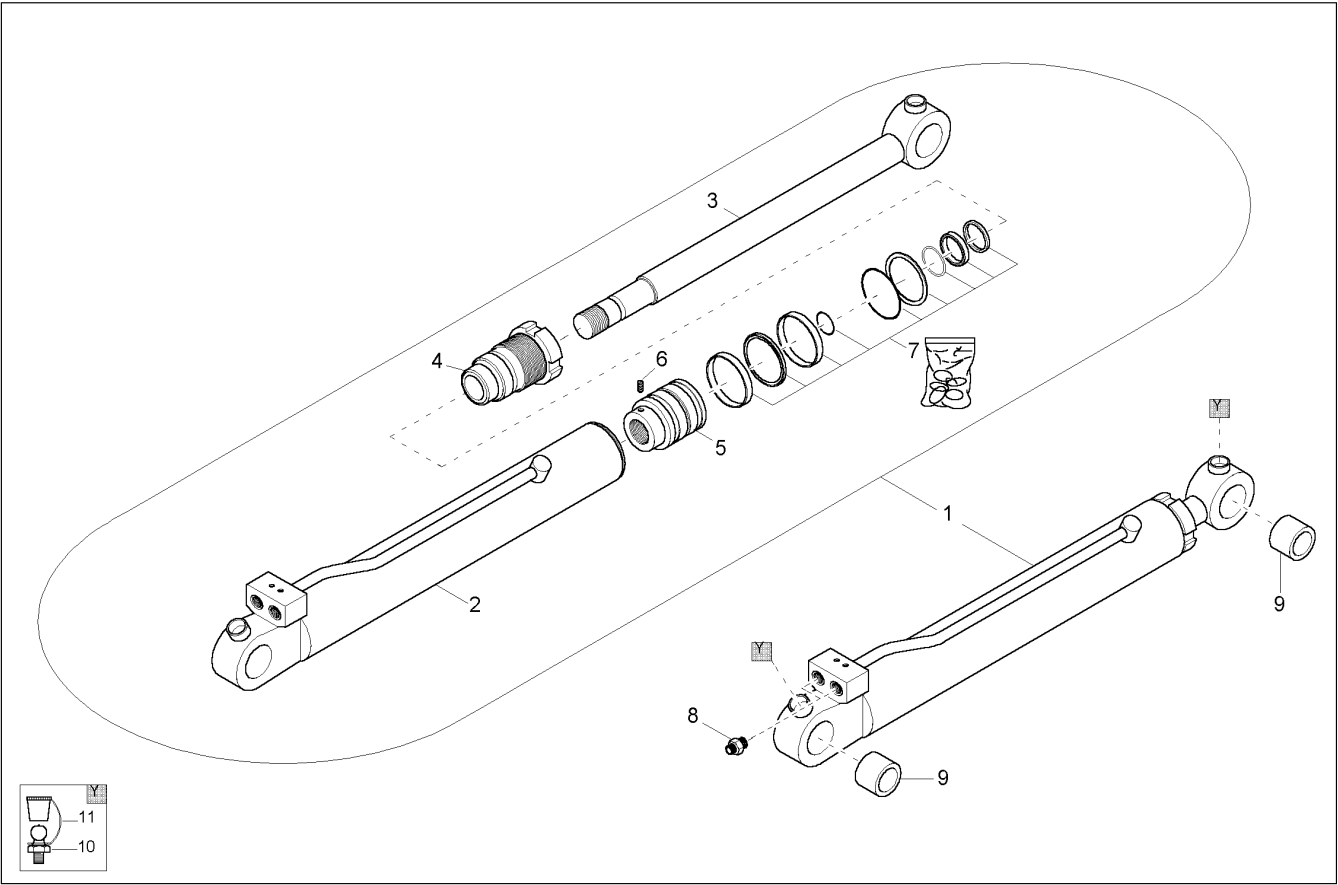
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165629	BOOM CYLINDER	1	13	161463	SCREW JOINT	2
02	165670	CYLINDER HOUSING	1	14	161431	SCREW JOINT	1
03	165671	PISTON ROD	1	15	165658	TUBES	1
04	165673	BUSHING	1	16	160836	PROTECTION RAIL	1
05	165675	BUSHING	1	17	161650	WASHER/GR A 19	2
06	165674	BUSHING	1	18	651468	PIN/SPRING M8 X 70	1
07	165672	PISTON	1	19	161205	SEAL	2
08	165938	GRUB SCREW	1	20	165659	COLLAR	1
09	165699	SEAL KIT	1	21	161661	WASHER/GR A 8.4	2
10	161538	BUSHING	2	22	161676	RING/SNAP S8	2
11	165823	LUBRICATION NIPPLE	2	23	651517	SHCS HS M8-1.2 X 30 8.8	2
12	161422	PROTECTION CAP	2				

303 - DIPPER ARM CYLINDER

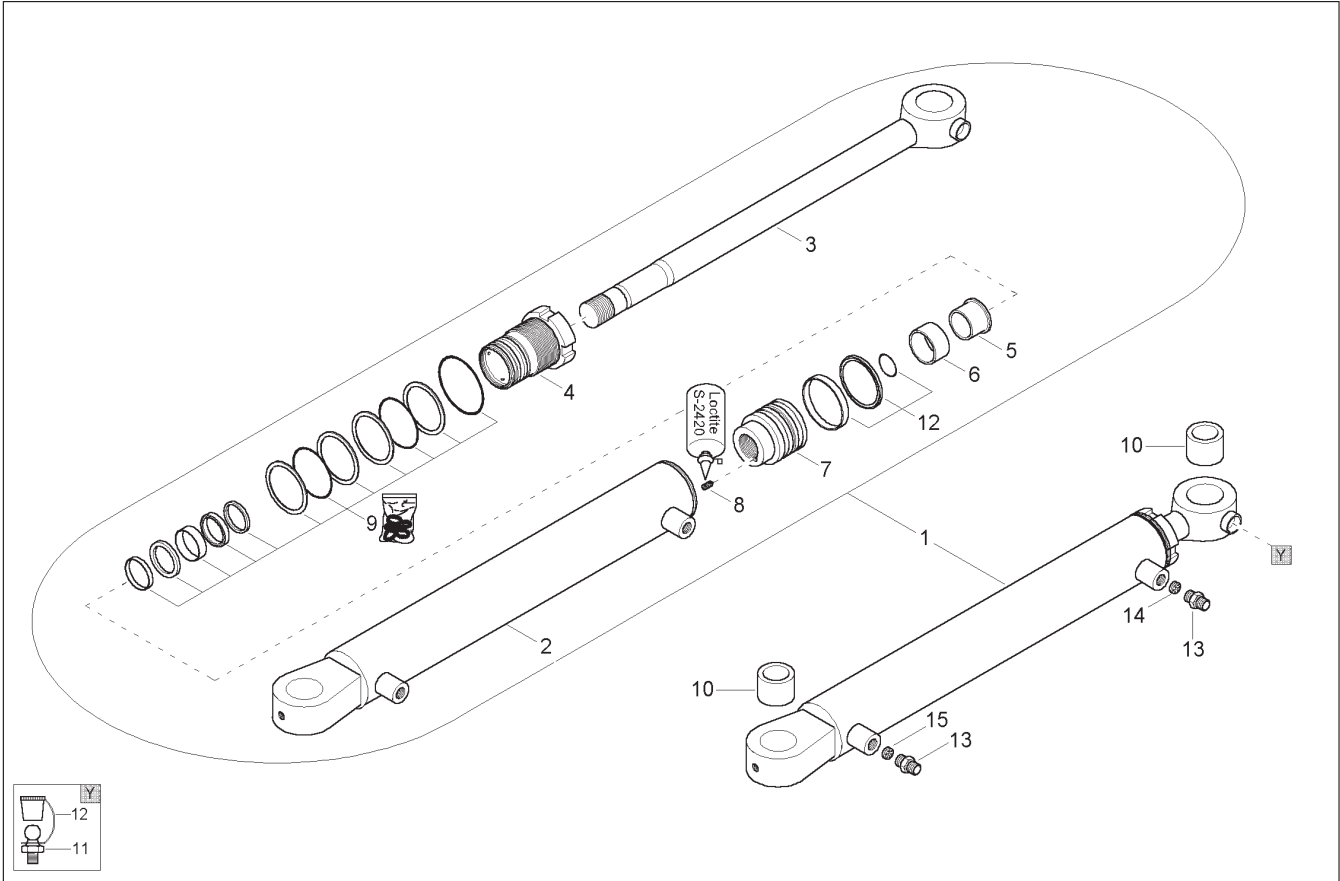


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165628	DIPPER ARM CYLINDER	1	11	165823	LUBRICATION NIPPLE	2
02	165676	CYLINDER HOUSING	1	12	161422	PROTECTION CAP	2
03	165677	PISTON ROD	1	13	161463	SCREW JOINT	3
04	165679	BUSHING	1	14	161431	SCREW JOINT	1
05	165675	BUSHING	1	15	165657	TUBES	1
06	165674	BUSHING	1	16	165656	TUBES	1
07	165678	PISTON	1	17	656093	CS M8-1.2 X 16 C 8.8	2
08	165938	GRUB SCREW	1	18	161676	RING/SNAP S8	2
09	165700	SEAL KIT	1	19	161667	WASHER/GR A 8.4	2
10	161538	BUSHING	2				

303 - DIPPER CYLINDER

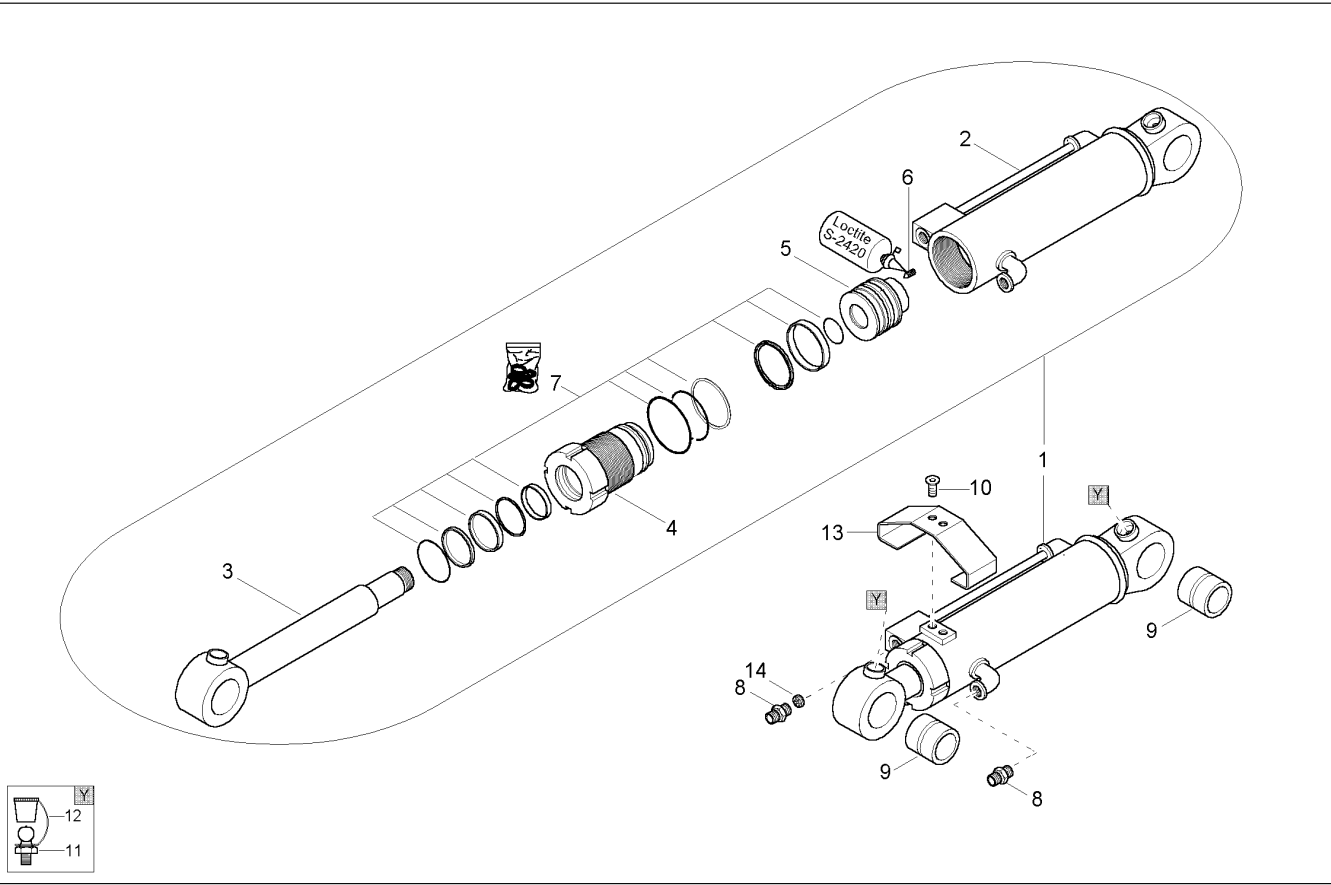


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165627	BUCKET CYLINDER	1	07	165701	SEAL KIT	1
02	165680	CYLINDER HOUSING	1	08	161429	SCREW JOINT	2
03	165681	PISTON ROD	1	09	161538	BUSHING	2
04	165682	BUSHING	1	10	165823	LUBRICATION NIPPLE	2
05	165678	PISTON	1	11	161422	PROTECTION CAP	2
06	165938	GRUB SCREW	1				



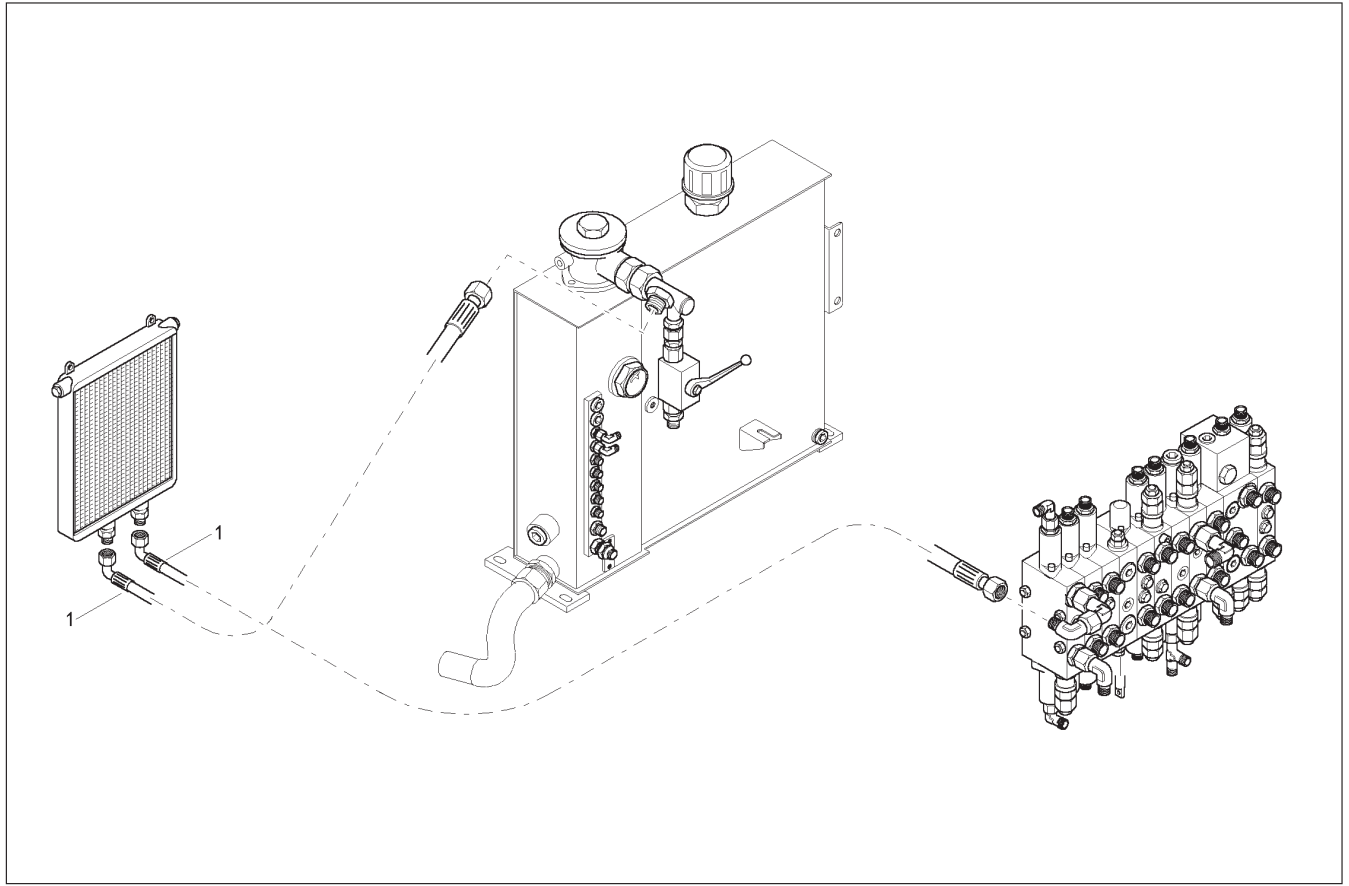
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165630	BOOM OFFSET CYLINDER	1	09	165702	SEAL KIT	1
02	165683	CYLINDER HOUSING	1	10	161538	BUSHING	2
03	165684	PISTON ROD	1	11	165823	LUBRICATION NIPPLE	1
04	165686	BUSHING	1	12	161422	PROTECTION CAP	1
05	165675	BUSHING	1	13	165972	SCREW JOINT	2
06	165674	BUSHING	1	14	165896	THROTTLE	1
07	165685	PISTON	1	15	160651	THROTTLE	1
08	165938	GRUB SCREW	1				

303 - DOZER BLADE CYLINDER



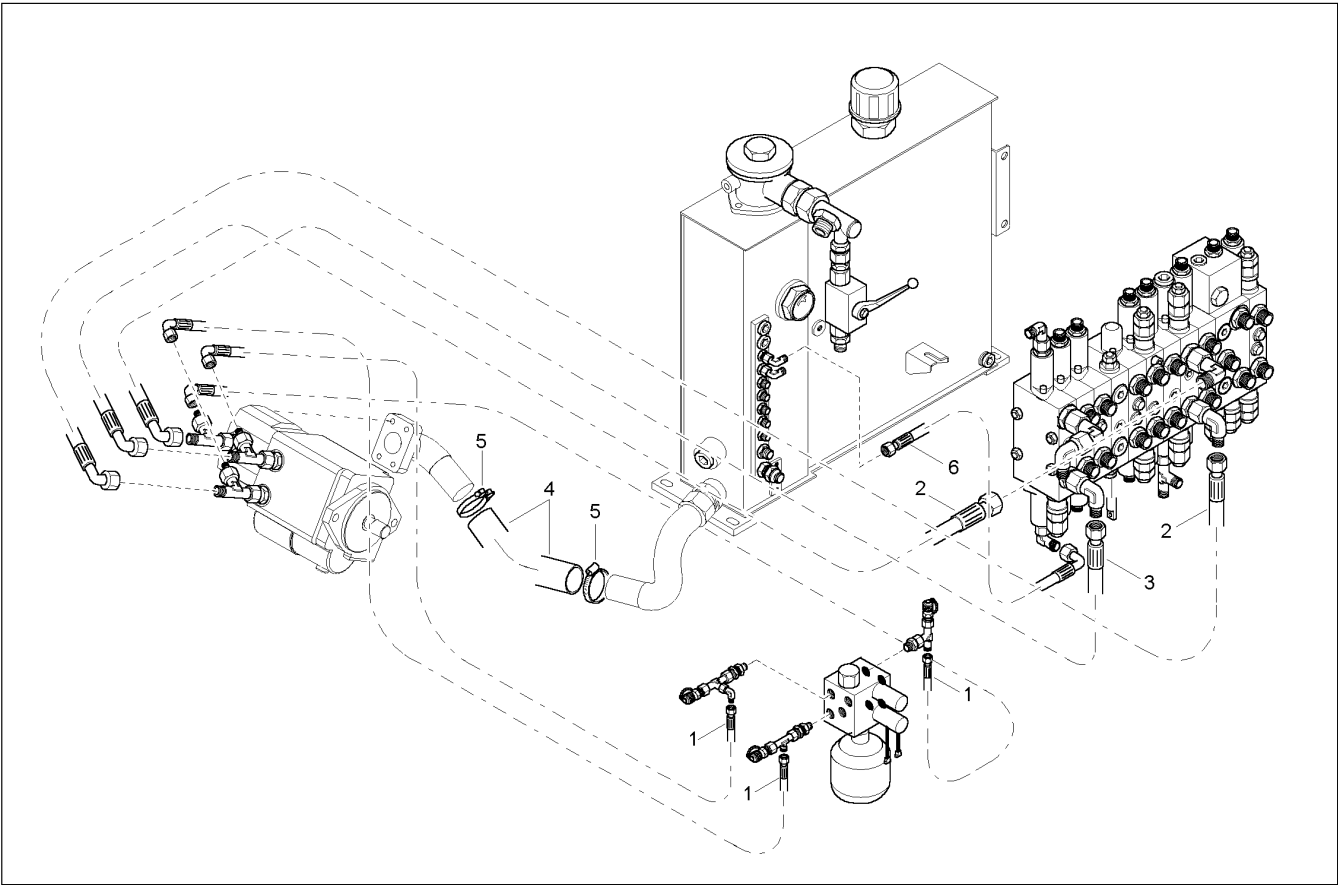
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165631	DOZER BLADE CYLINDER	1	08	161428	SCREW JOINT	2
02	165664	CYLINDER TUBE	1	09	161538	BUSHING	2
03	165665	PISTON ROD	1	10	162041	SCREW	2
04	165667	CYLINDER HEAD	1	11	161412	LUBRICATION NIPPLE	2
05	165666	PISTON	1	12	161416	PROTECTION CAP	2
06	165668	GRUB SCREW	1	13	162360	PROTECTION	1
07	165669	SEAL KIT	1	14	165687	TUBE BURST PROTECTION	1

303 - HOSES, HYDRAULIC OIL COOLER

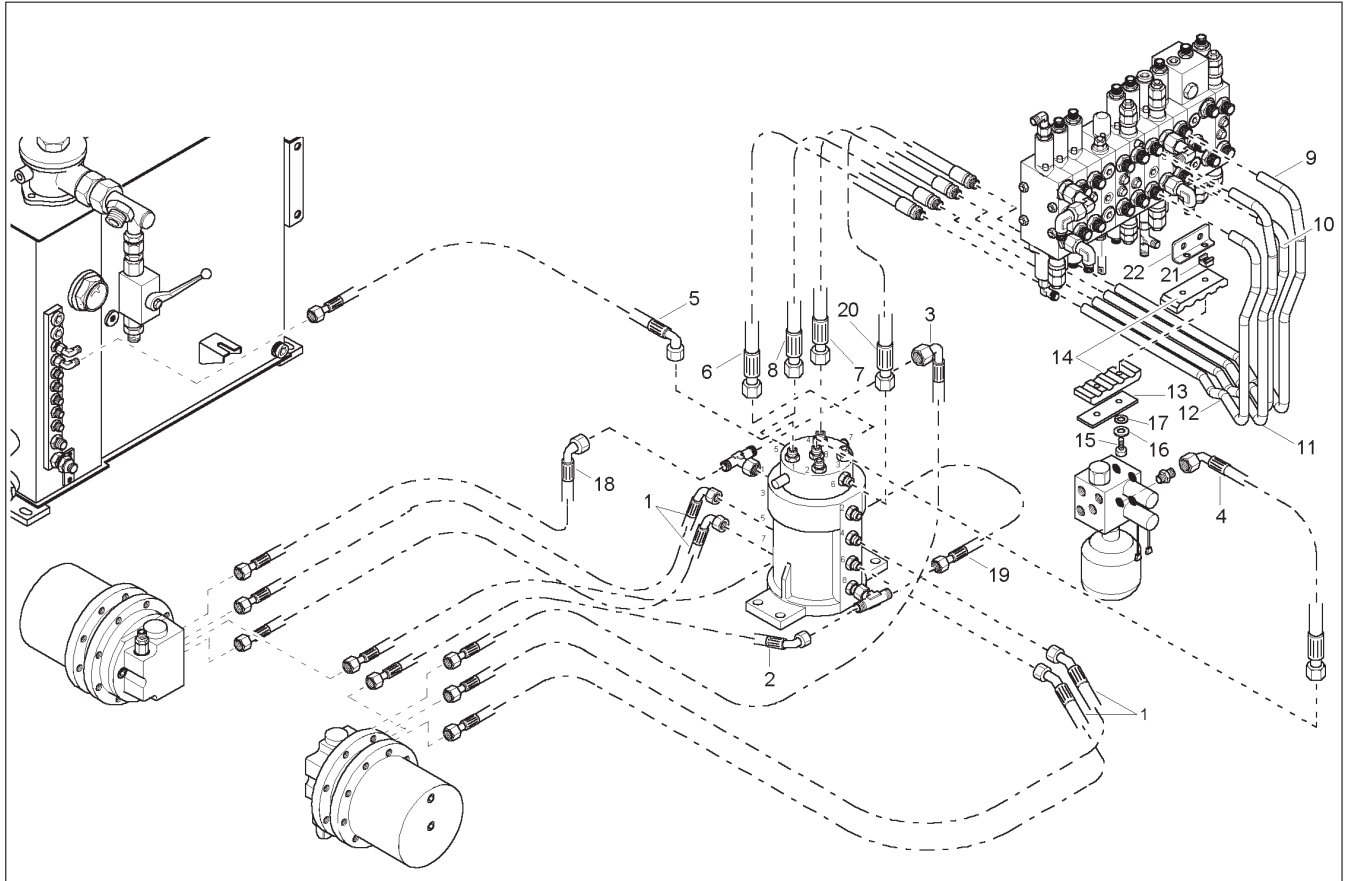


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	163325	HP HOSE	2				

303 - HOSES, HYDRAULIC PUMP

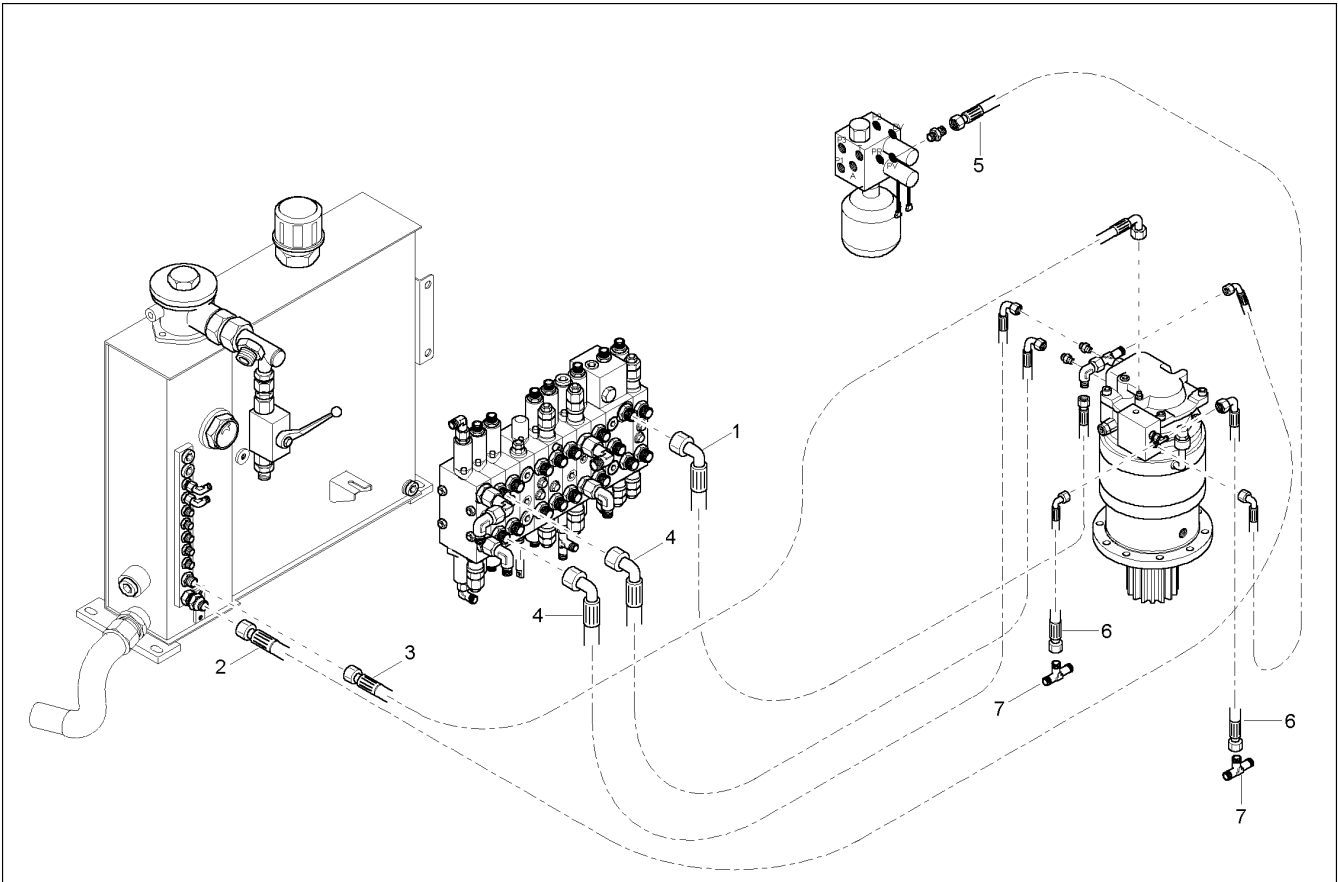


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	162404	HP HOSE	3	04	160840	SUCTION HOSE	1
02	165870	HP HOSE	2	05	162071	COLLAR	2
03	165871	HP HOSE	1	06	164804	HP HOSE	1

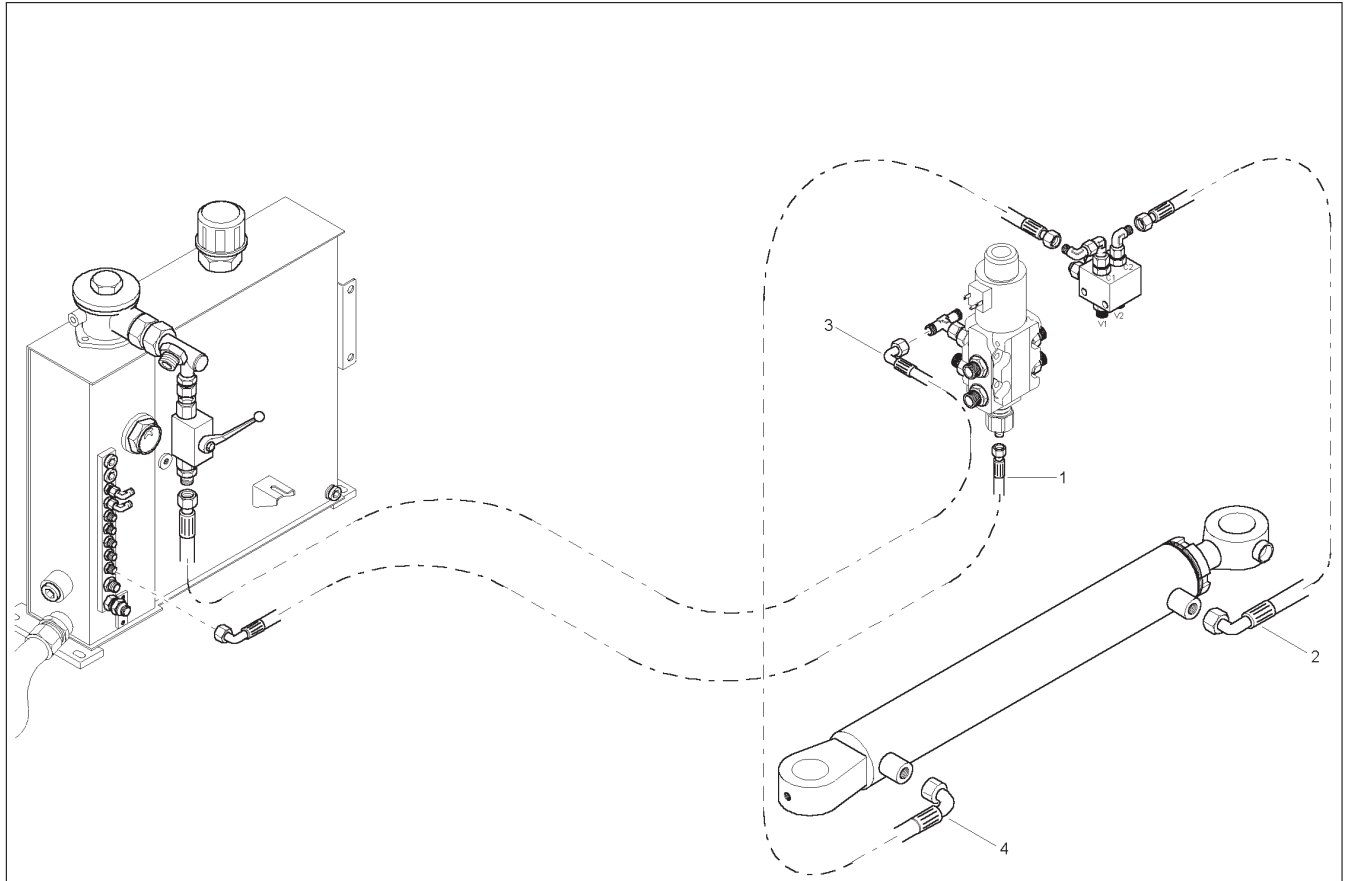


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165876	HP HOSE	4	12	165639	TUBES	1
02	165839	HP TUBE	1	13	165633	COVER	1
03	162409	HP HOSE	1	14	165632	COLLAR	1
04	165829	HP-HOSE	1	15	651434	HB M8-1.2 X 45 C 8.8	2
05	165832	HP HOSE	1	16	161676	RING/SNAP S8	2
06	165880	HP HOSE	1	17	161661	WASHER/GR A 8.4	2
07	165877	HP HOSE	1	18	165838	HP HOSE	2
08	165879	HP HOSE	1	19	165840	HP HOSE	1
09	165642	TUBES	1	20	165878	HP HOSE	1
10	165641	TUBES	1	21	161615	NUT/CAGE M8	2
11	165640	TUBES	1	22	165634	BRACKET	1

303 - HOSES, TURNING GEAR

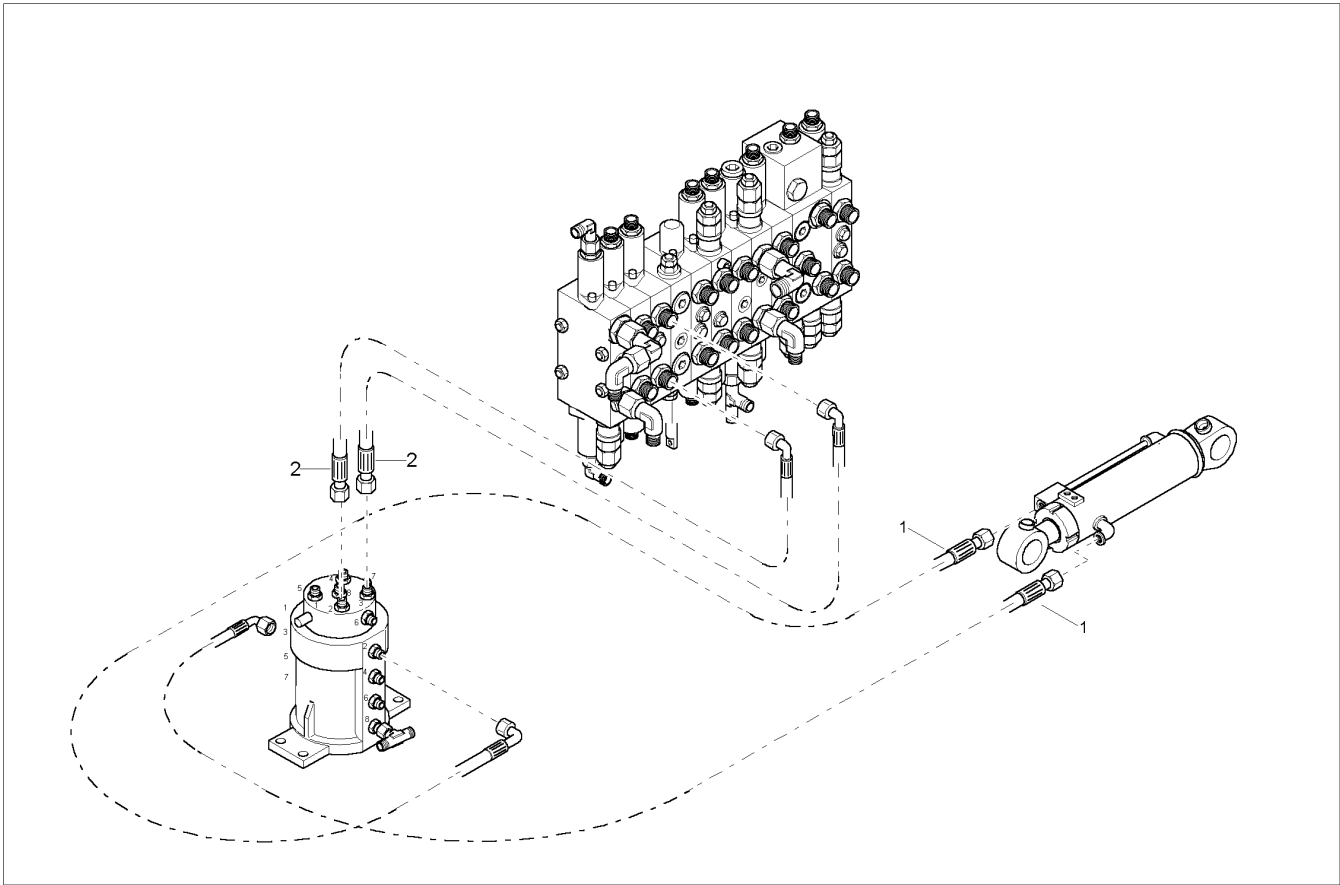


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165874	HP-HOSE	1	05	161227	HIGH PRESSURE HOSE	1
02	165873	HP-HOSE	1	06	161236	HIGH PRESSURE HOSE	2
03	161277	HIGH PRESSURE HOSE	1	07	161465	TEE	2
04	162418	HP HOSE	2				

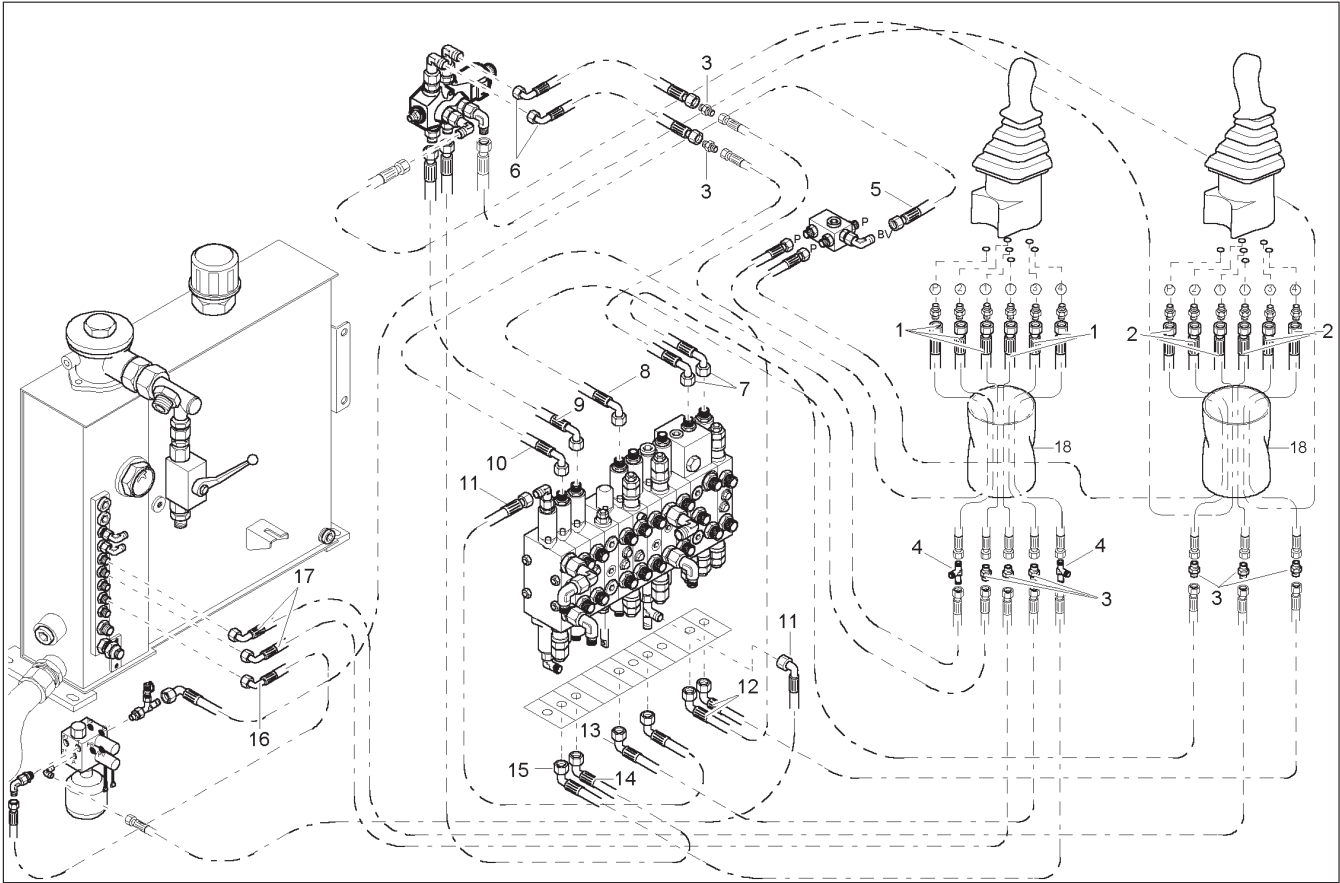


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	161245	HIGH PRESSURE HOSE	1	03	165834	HP HOSE	1
02	165848	HIGH-PRESSURE HOSE	1	04	161290	HIGH PRESSURE HOSE	1

303 - HOSES, DOZER BLADE CYLINDER

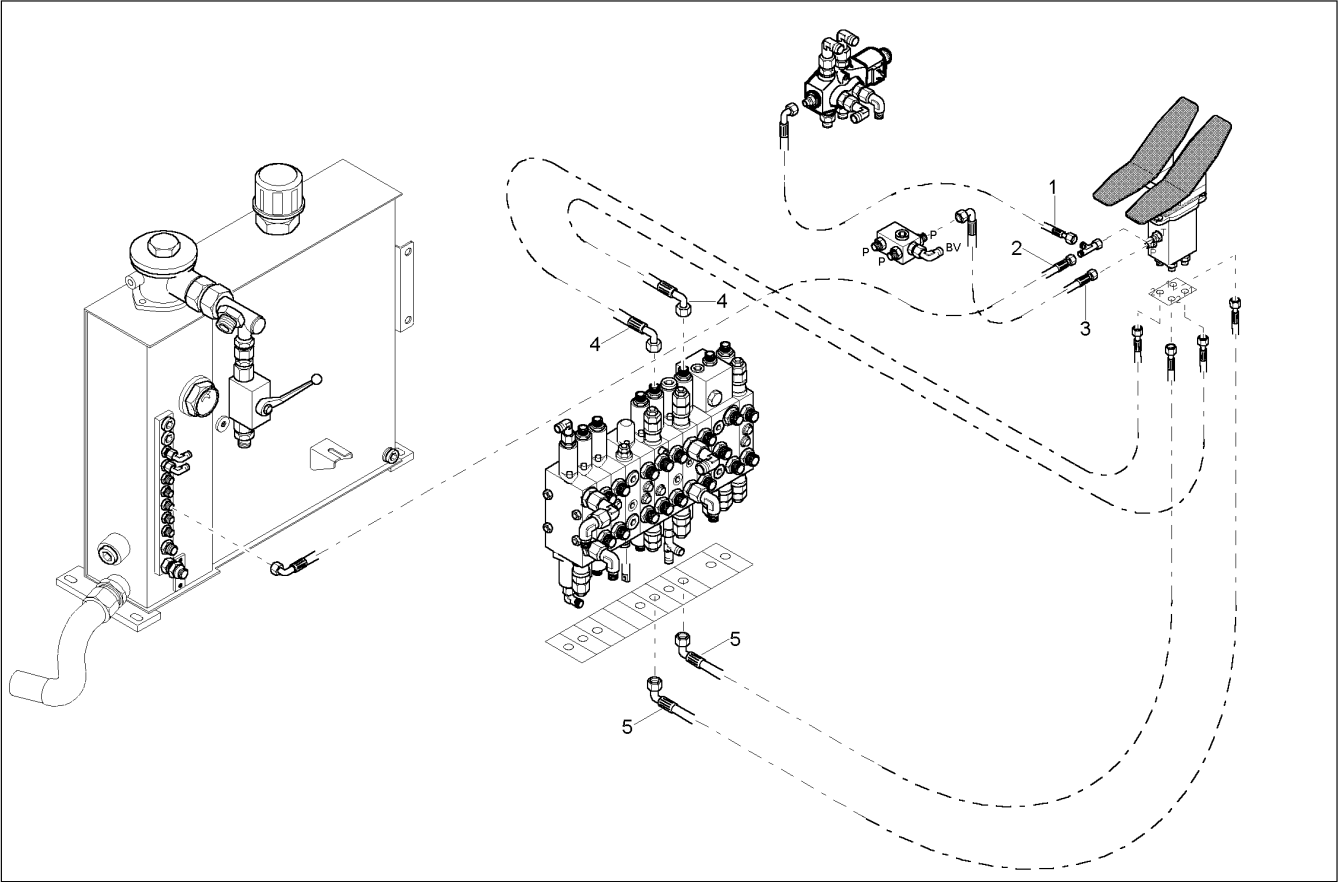


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165852	HP HOSE	2	02	165845	HIGH-PRESSURE HOSE	2

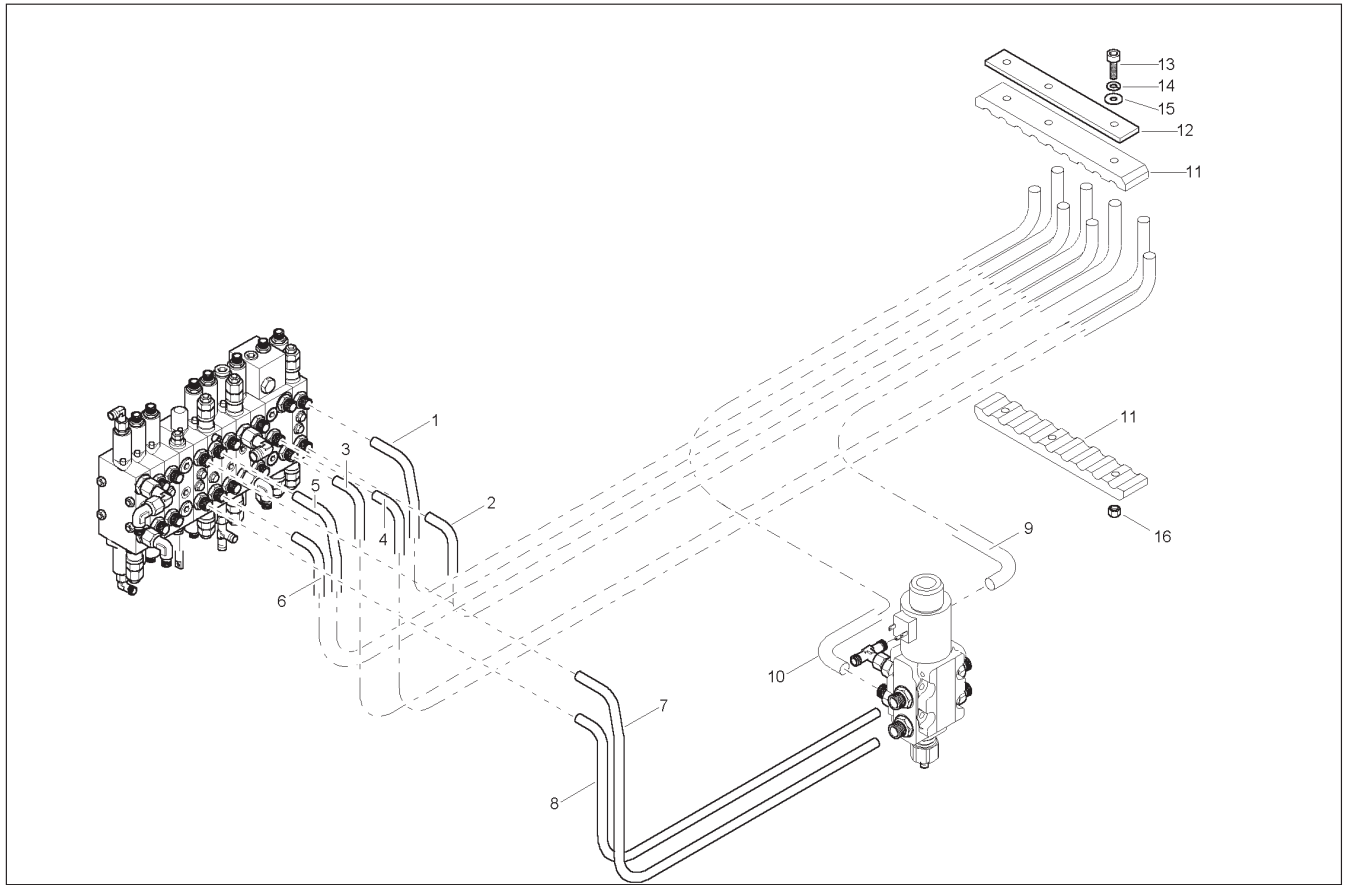


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165828	HP HOSE	6	10	162445	HP HOSE	1
02	161224	HIGH PRESSURE HOSE	6	11	165894	HP HOSE	2
03	161479	SCREW JOINT	8	12	162956	HP HOSE	2
04	161465	TEE	2	13	163288	HP HOSE	1
05	165830	HP HOSE	1	14	163290	HP HOSE	1
06	161236	HIGH PRESSURE HOSE	2	15	163289	HP HOSE	1
07	161220	HIGH PRESSURE HOSE	2	16	161351	HIGH PRESSURE HOSE	1
08	161276	HIGH PRESSURE HOSE	1	17	161350	HIGH PRESSURE HOSE	2
09	163335	HP HOSE	1	18	164892	PROTECTION HOSE	2

303 - HOSES, TRAVELING VALVE

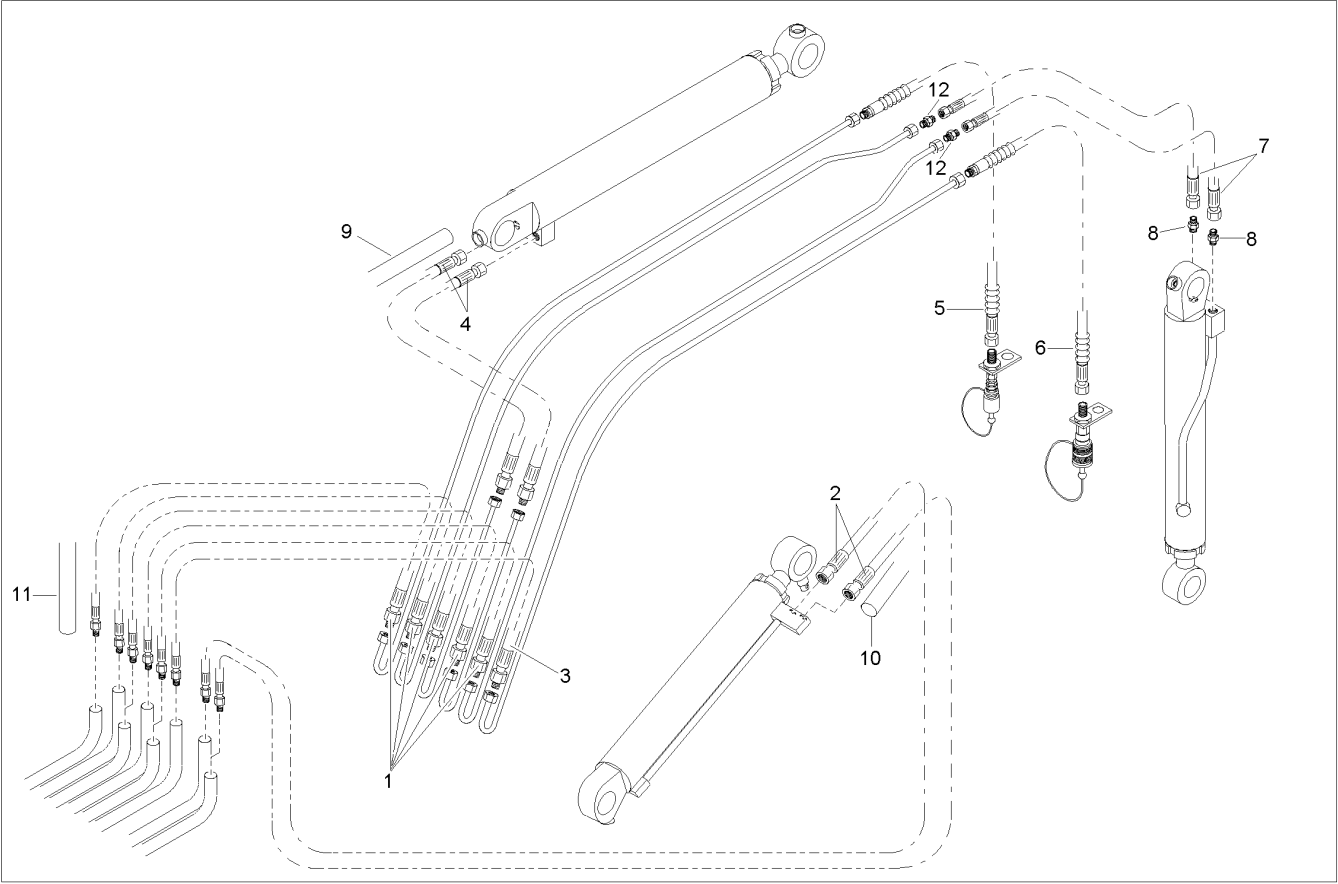


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	164800	HIGH-PRESSURE HOSE	1	04	163335	HP HOSE	2
02	161276	HIGH PRESSURE HOSE	1	05	161224	HIGH PRESSURE HOSE	2
03	161236	HIGH PRESSURE HOSE	1				



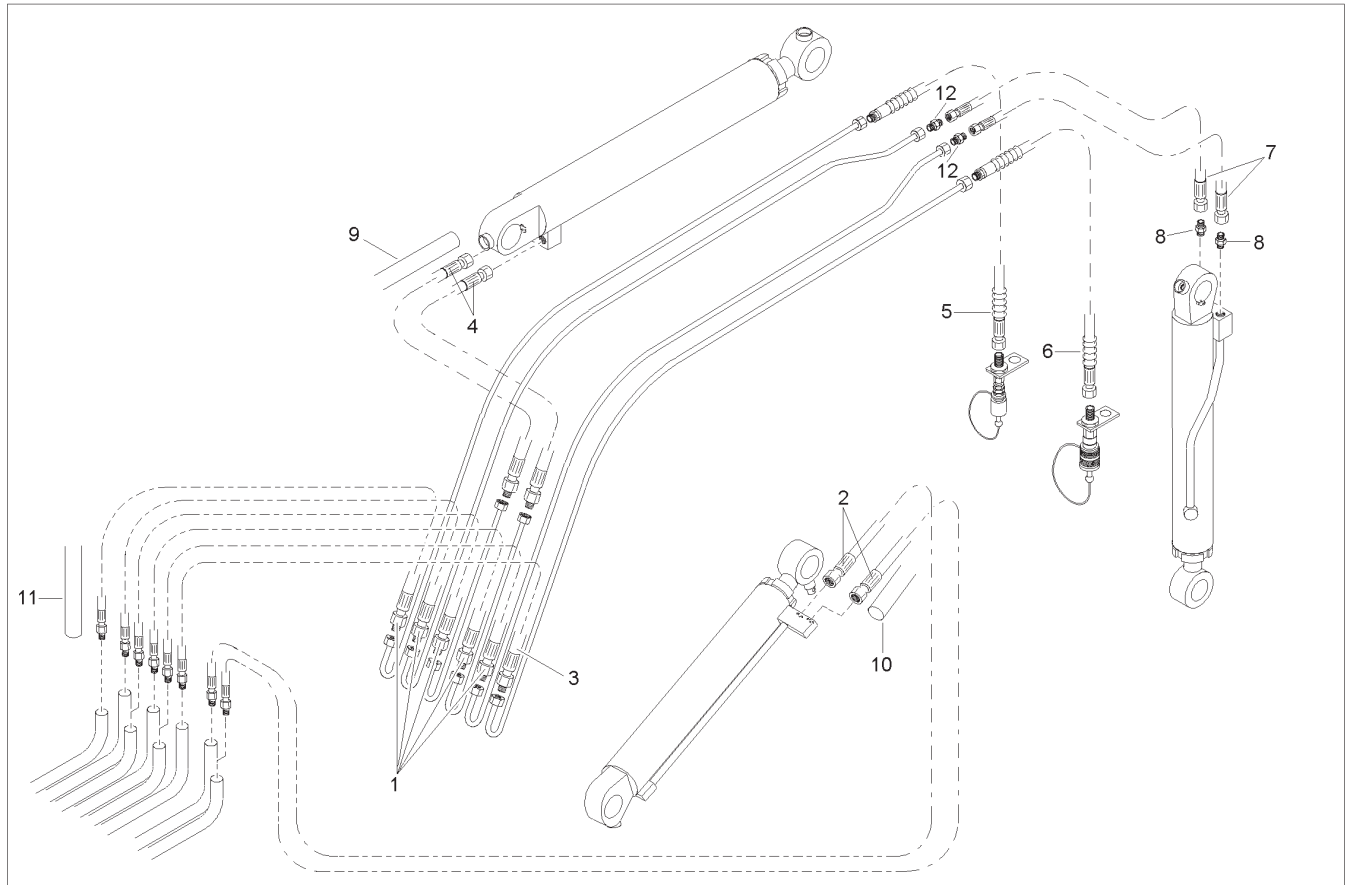
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165635	TUBE	1	09	165648	TUBE	1
02	165636	TUBE	1	10	165647	TUBE	1
03	165637	TUBE	1	11	165654	COLLAR	1
04	165638	TUBE	1	12	165655	COVER	1
05	165643	TUBE	1	13	651435	CS M8-1.2 X 45 C 8.8	3
06	165644	TUBE	1	14	161676	RING/SNAP S8	3
07	165646	TUBE	1	15	161661	WASHER/GR A 8.4	3
08	165645	TUBE	1	16	651458	HLN INS M8-1.2 8	3

303 - TUBES, LIFTARM (SHORT)



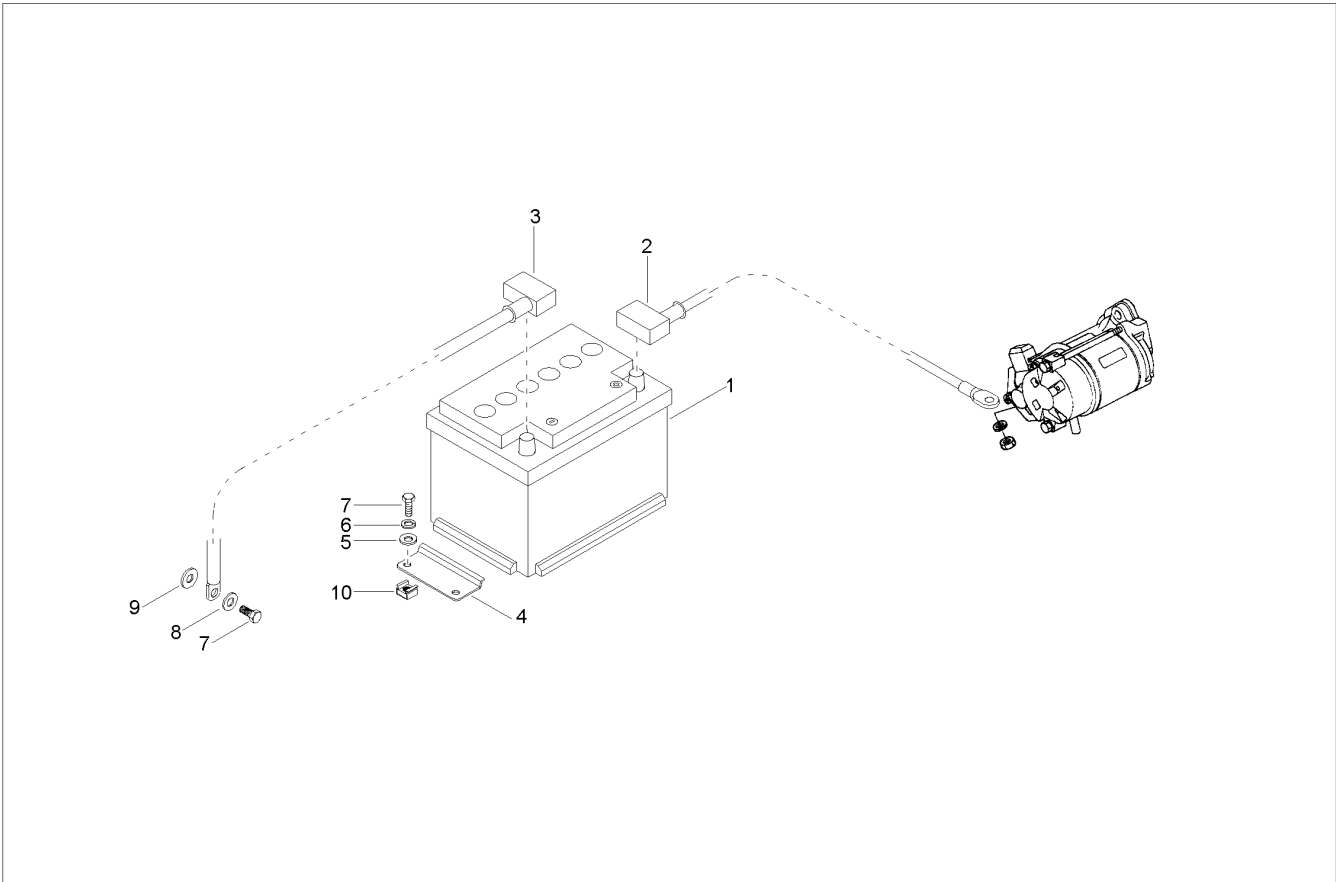
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165860	HP TUBE	5	07	165862	HP TUBE	2
02	165861	HP TUBE	2	08	161429	SCREW JOINT	2
03	165892	HP TUBE	1	09	165918	PROTECTION HOSE	0.4
04	165886	HP TUBE	2	10	165918	PROTECTION HOSE	2.1
05	162419	HP HOSE	1	11	165918	PROTECTION HOSE	1.1
06	162441	HP HOSE	1	12	165974	REDUCTION JOINT	2

303 - TUBES, LIFTARM (LONG)

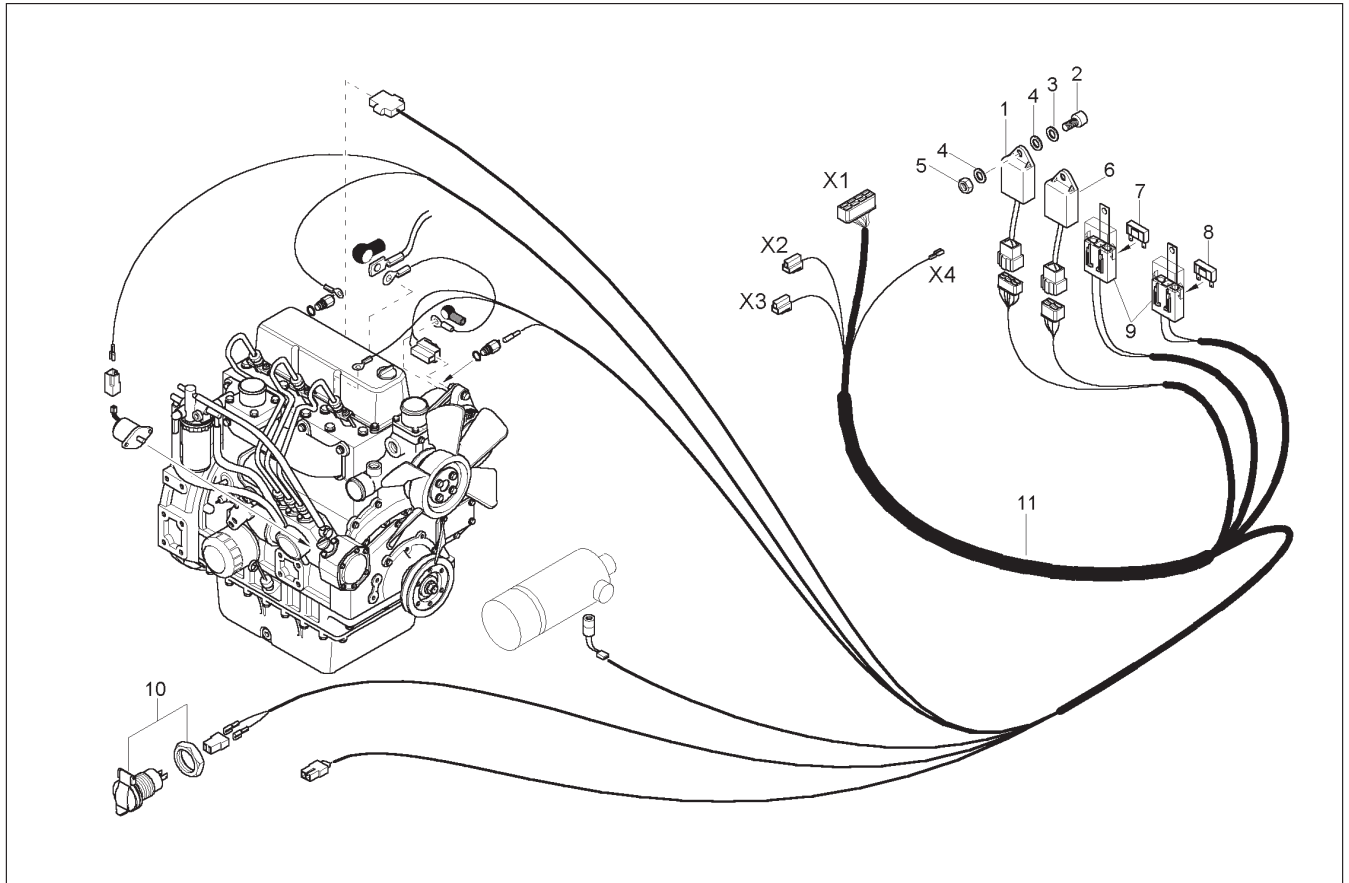


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165860	HP TUBE	5	07	165864	HP HOSE	2
02	165861	HP TUBE	2	08	161429	SCREW JOINT	2
03	165892	HP TUBE	1	09	165918	PROTECTION HOSE	0.4
04	165886	HP TUBE	2	10	165918	PROTECTION HOSE	2.1
05	162419	HP HOSE	1	11	165918	PROTECTION HOSE	1.1
06	162441	HP HOSE	1	12	165974	REDUCTION JOINT	2

303 - BATTERY

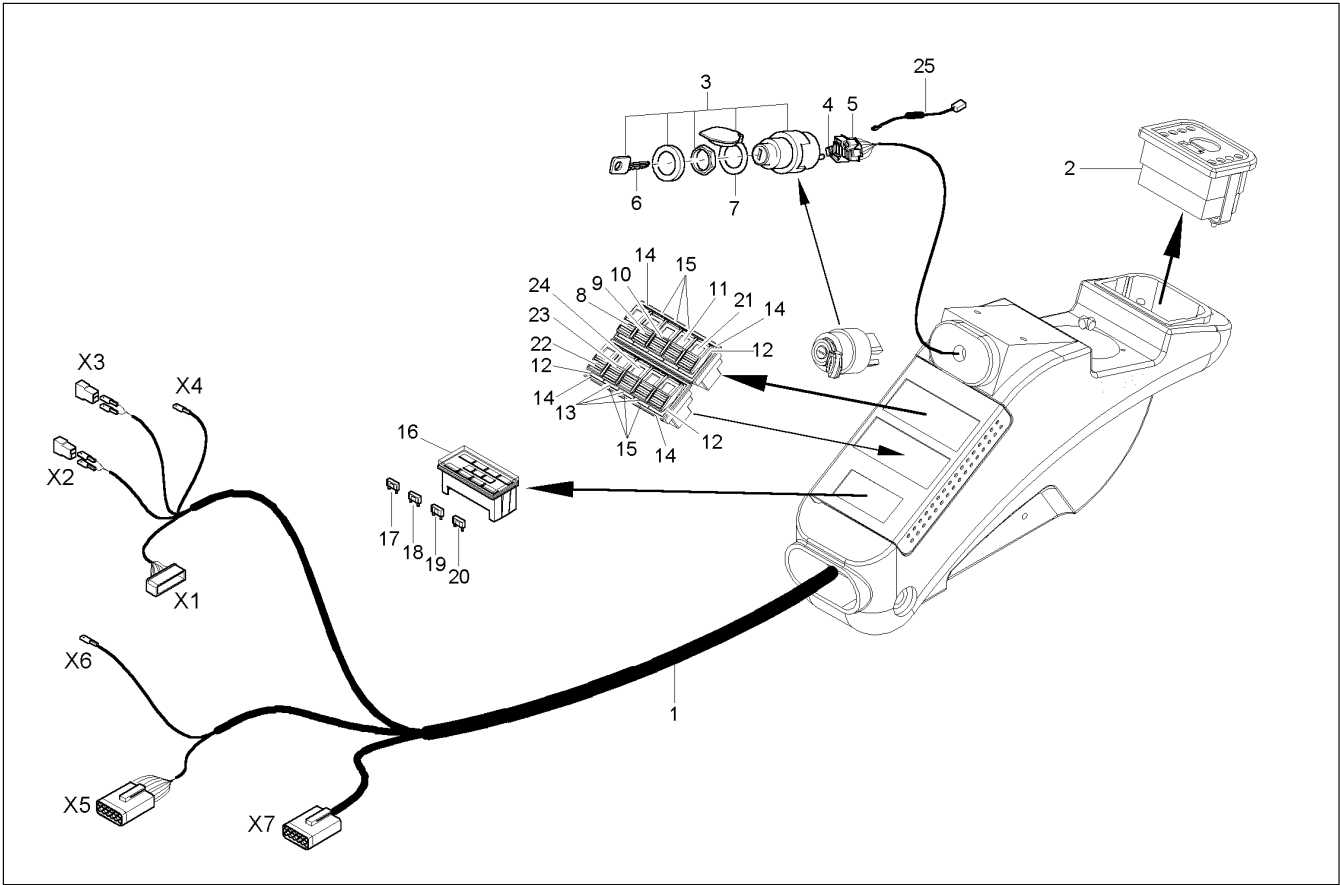


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165912	BATTERY	1	06	161668	WASHER/GR A 8.4	2
02	165228	CABLE	1	07	656001	CS M8-1.2 X 20 C 8.8	3
03	165227	CABLE	1	08	161667	WASHER/GR A 8.4	1
04	165036	BRACKET	1	09	163130	WASHER	1
05	161676	RING/SNAP S8	2	10	161615	NUT/CAGE M8	2



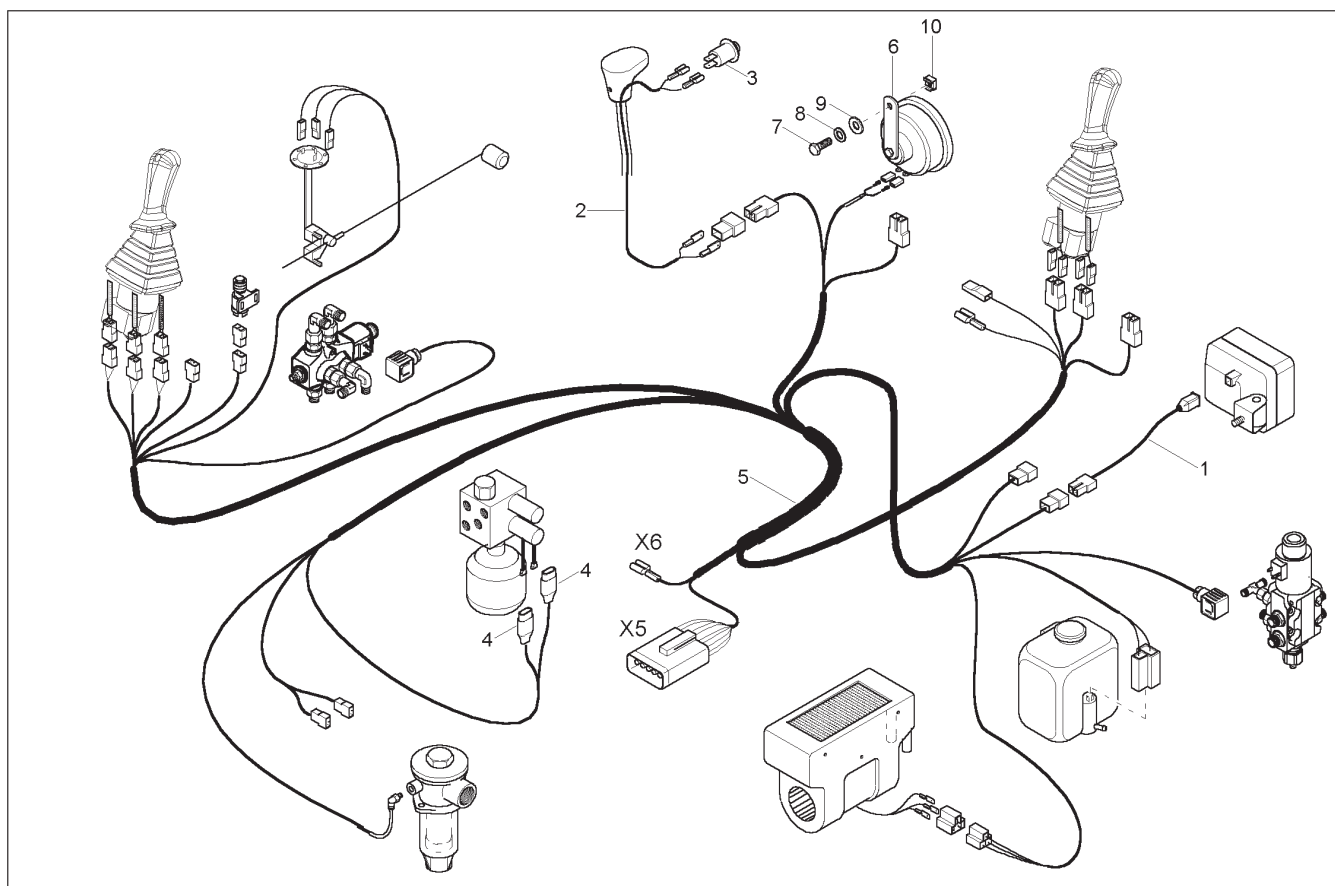
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165575	RELAY (GLOW) KUBOTA	1	07	161998	FUSE	1
02	651507	SHCS HS M6-1 X 20 8.8	3	08	164868	FUSE	1
03	161675	RING/SNAP S6	3	09	161858	FUSE HOUSING	2
04	161660	WASHER/GR A 6.4	6	10	161732	SOCKET	1
05	656047	HN M6-1.0	3	11	165229	HARNESS WIRING (ENGINE)	1
06	165289	RELAY STOP SOLENOID	1				

303 - HARNESS, RIGHT ARMREST



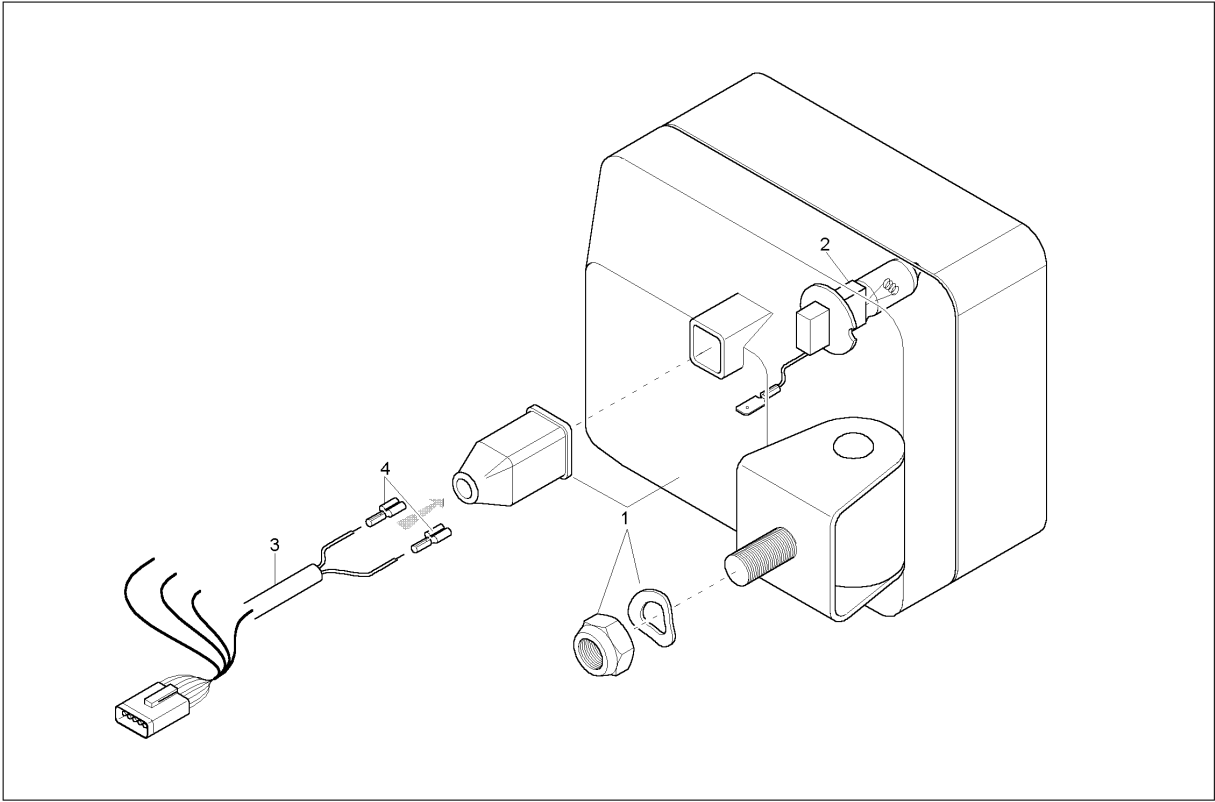
Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165231	ARMREST-HARNESSWIRING	1	14	164693	FRAME	4
02	165223	DISPLAY UNIT	1	15	164694	FRAME	6
03	164695	IGNITION LOCK	1	16	165234	FUSE BOX	1
04	164889	CONNECTOR	1	17	161376	FUSE	1
05	164878	CONNECTOR	1	18	161374	FUSE	1
06	164685	KEY	1	19	161375	FUSE	1
07	164697	COVER	1	20	162836	FUSE	1
08	165235	SWITCHWINDSHIELDWIPER/WASHER	1	21	165241	SWITCH	1
09	165236	SWITCH HEATING	1	22	165242	SWITCH FRONT/SIDE LIGHT	1
10	165237	SWITCH FAST SPEED	1	23	165240	SWITCH	1
11	165238	SWITCH ARM LIGHT	1	24	165239	SWITCH	1
12	165226	COVER	3	25	165245	RECOVERY DIODE	1
13	164692	COVER	3				

303 - HARNESS, UPPER CARRIAGE

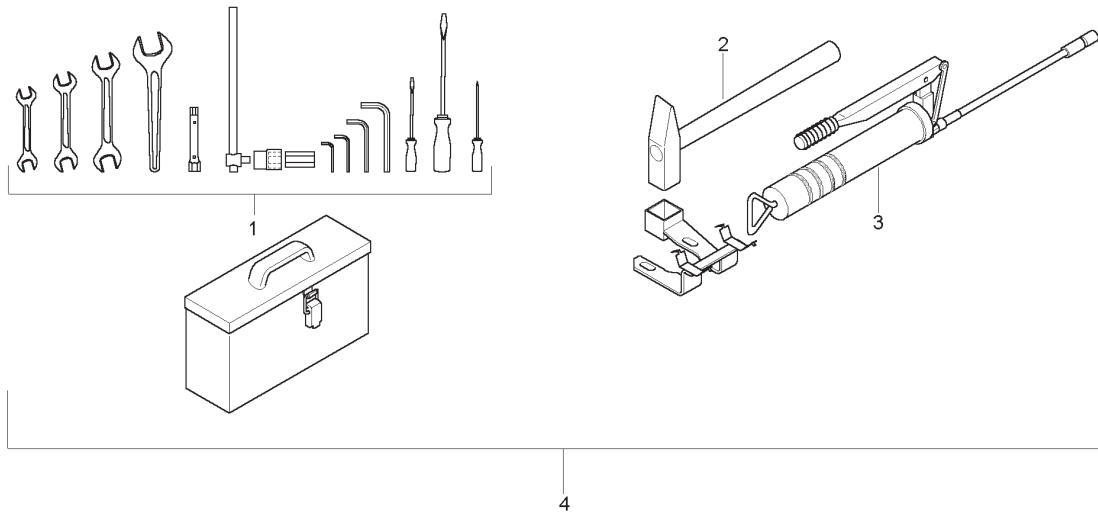


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165233	HARNESS WIRING	1	06	161366	HORN	1
02	165232	HARNESS WIRING	1	07	656001	CS M8-1.2 X 20 C 8.8	1
03	161363	SWITCH	1	08	161676	RING/SNAP S8	1
04	162472	PLUG	2	09	161667	WASHER/GR A 8.4	1
05	165230	CHASSIS HARNESS WIRING	1	10	161616	NUT/CAGE M8	1

303 - HEADLIGHT

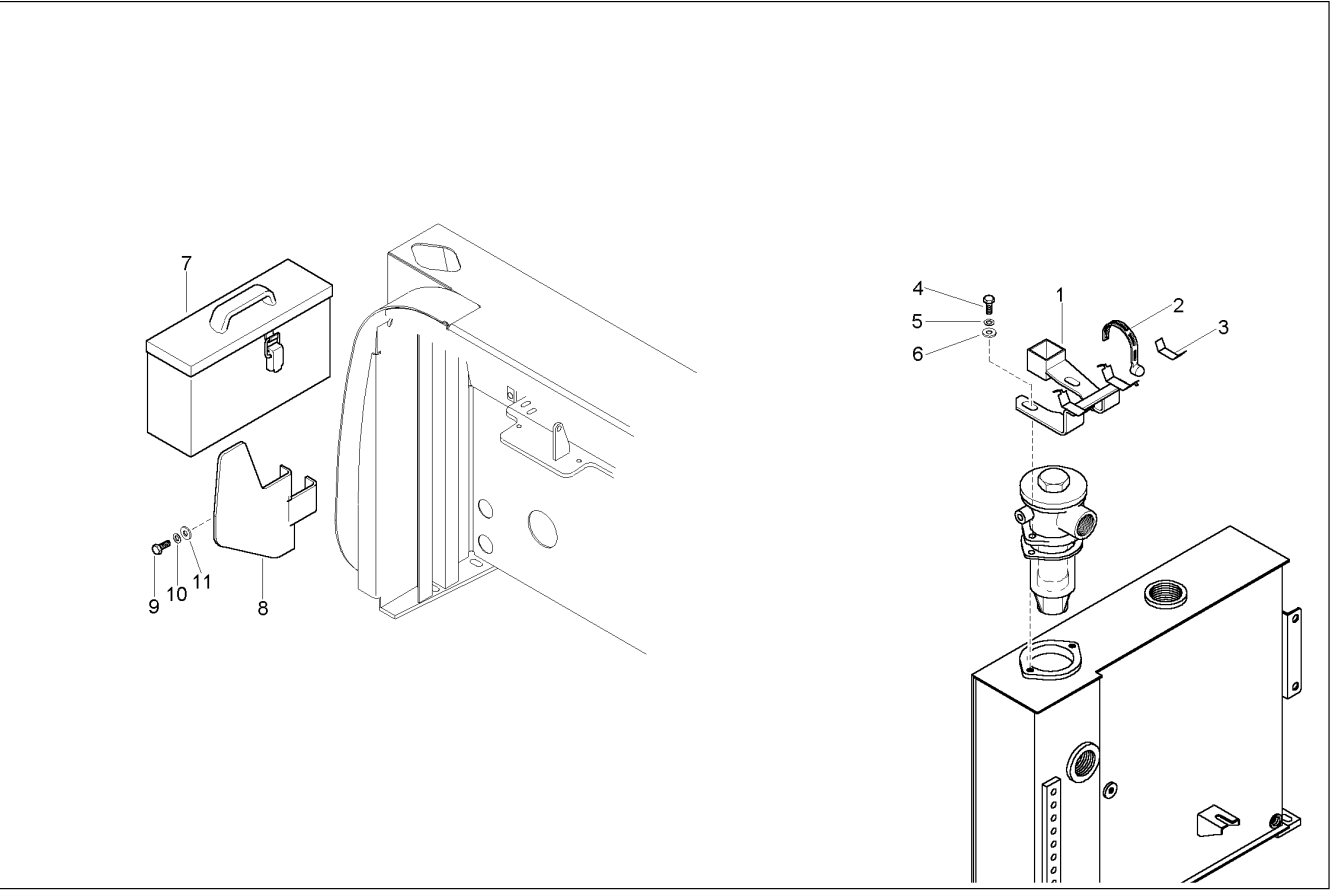


Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	160537	WORKING LIGHT	1	03	165233	HARNESS WIRING	1
02	161367	HALOGEN LAMP	1	04	161995	PLUG	2



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	161990	SCREW DRIVERS/FLAT SPANNERS ...	1	03	161992	GREASE GUN	1
02	161991	HAMMER	1	04	161988	TOOL KIT	1

303 - TOOL BOX, GREASE GUN BRACKET



Ref. No.	Part No.	Description	Qty. Req.	Ref. No.	Part No.	Description	Qty. Req.
01	165093	GREASE GUN BRACKET	1	07	165092	TOOL BOX	1
02	165572	RUBBER TENSION JACK	2	08	165091	BRACKET	1
03	165817	SEAL	0.15	09	656001	CS M8-1.2 X 20 C 8.8	3
04	651475	SHCS HS M10-1.2 X 30 8.8	2	10	161676	RING/SNAP S8	3
05	161669	RING/SNAP S10	2	11	161661	WASHER/GR A 8.4	3
06	161640	WASHER/GR A 10.5	2				

Index

A

Air cleaner, 36
Alternator, 48
Auxiliary hydraulics, 73

B

Battery, 90

C

Cab Heating, 33
Cabin door, 24
Cabin floor, 32
Cabin frame, 25, 26, 27
Cabin windows, 22
Cabin wiring, 30
Connecting link, 21
Control valve 1, 62
Control valve 2, 63
Counterweight, 16
Cylinder head, 42

D

Decal Locations, 2–7
Dipper arm
 Long, 20
 Short, 19
Dipper arm cylinder, 75
Dipper cylinder, 76
Dozer blade, 12
 Reversing valve, 68
Dozer blade cylinder, 78
Driver's seat, 31

E

Engine mounts, 34
Exhaust, 37
Exhaust manifold, 52

F

Fuel filter, 46
Fuel injection, 45
Fuel injection pump, 44
Fuel pump, 47
Fuel system, 39
Fuel tank, 38

H

Harness
 Engine, 91
 Right armrest, 92
 Upper carriage, 93
Headlight, 94
Hoses
 Dozer blade cylinder, 84
 Hydraulic oil cooler, 79
 Hydraulic pump, 80
 Joysticks, 85
 Swivel cylinder, 83
 Traveling gears, 81
 Traveling valve, 86
 Turning gear, 82
Hydraulic oil tank, 55
Hydraulic pump, 57

I

Intake manifold, 53

J

Joysticks, 71

L

Lifting arm, 18
Lifting arm cylinder, 74
Lock valve, 69
Lubrication block, 14

M

Manifold block, 70

O

Oil cooler, 56
Oil pump, pan & filter, 41
Open canopy, 28

P

Pilot oil supply
 After SN AB00864, 66
 Before SN AB00865, 64
 Breakdown, 65

Pilot operation check valve, 67
Pump drive, 54

R

Radiator, 35
Rear wall, 15

S

Sash window, 29
Starter, 49
Stop solenoid, 43
Swivel cylinder, 77
Swivel joint, 59
 Disassembled, 60

T

Table Of Contents, 1
Thermostat, 50
Throttle, 40
Tool box, Grease gun bracket, 96
Tool kit, 95
Track roller, 11
Track tensioning, 9
Track-supporting roller, 10
Travel motors, 58
Traveling valve, 72
Tubes
 Control valve, 87
 Liftarm (Long), 89
 Liftarm (short), 88
Turning gear, 61

U

Undercarriage, 8
Uppercarriage, 13

V

Valve cover, 17

W

Water Pump & Fan, 51
Windshield, 23

303 - NUMERICAL INDEX

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
L82282	02	33	160803	21	15	161351	85	16	161426	72	06
L82282	02	34	160805	18	06	161357	62	23	161427	38	23
121965	41	90	160805	19	09	161363	93	03	161427	59	04
159409	21	21	160805	20	09	161366	93	06	161427	68	09
159519	02	32	160810	13	06	161367	94	02	161428	59	03
160409	13	26	160811	12	02	161374	92	18	161428	78	08
160436	38	12	160812	12	04	161375	92	19	161429	55	11
160437	64	03	160813	12	03	161376	92	17	161429	59	06
160437	66	03	160815	13	12	161401	14	11	161429	76	08
160439	55	06	160836	74	16	161411	12	07	161429	88	08
160458	19	15	160840	80	04	161411	13	10	161429	89	08
160458	20	15	160844	39	03	161411	14	04	161430	55	27
160459	19	13	160848	37	09	161411	18	14	161431	67	04
160459	20	13	160864	56	01	161411	19	10	161431	74	14
160480	40	18	160865	08	04	161411	20	10	161431	75	14
160488	26	21	160882	15	14	161411	21	05	161432	67	05
160494	23	11	160887	55	33	161412	08	19	161438	38	24
160496	22	01	160949	55	23	161412	78	11	161438	64	11
160496	28	02	160972	55	28	161414	55	14	161438	66	11
160525	24	02	160983	09	20	161414	62	05	161441	55	34
160526	26	01	161061	15	06	161414	70	03	161443	55	13
160527	26	02	161061	17	10	161415	35	09	161443	62	04
160536	38	02	161062	16	05	161415	38	22	161443	64	12
160537	94	01	161062	17	23	161416	08	20	161443	66	12
160571	65	08	161064	15	03	161416	12	08	161443	68	10
160571	65	09	161064	17	07	161416	78	12	161443	70	04
160572	65	01	161074	10	11	161418	55	36	161444	69	05
160594	64	01	161086	23	16	161422	13	11	161446	55	35
160611	31	27	161087	23	17	161422	14	05	161446	61	15
160638	08	03	161091	22	04	161422	18	15	161446	62	10
160639	22	06	161096	24	05	161422	19	11	161448	62	13
160639	23	08	161204	15	11	161422	19	11	161448	62	25
160640	22	05	161205	74	19	161422	20	11	161448	64	08
160640	23	07	161220	85	07	161422	21	06	161448	66	08
160645	34	08	161224	85	02	161422	74	12	161448	72	07
160651	62	24	161224	85	02	161422	75	12	161450	59	07
160651	62	24	161224	86	05	161422	76	11	161456	62	14
160651	77	15	161227	82	05	161422	77	12	161461	62	14
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160713	24	08	161236	82	06	161423	55	37	161463	59	02
160724	19	14	161236	85	06	161426	55	12	161463	74	13
160724	19	14	161236	86	03	161426	59	05	161463	75	13
160724	20	14	161245	83	01	161426	59	05	161463	75	13
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160802	21	10	161350	85	17	161426	71	03	161468	14	09

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
161469	14	10	161615	90	10	161661	13	36	161669	15	22
161474	61	04	161616	15	29	161661	15	07	161669	34	15
161479	85	03	161616	32	07	161661	16	07	161669	37	17
161485	55	25	161616	93	10	161661	17	38	161669	38	06
161490	55	16	161618	22	10	161661	31	10	161669	54	04
161493	57	13	161618	23	10	161661	34	11	161669	55	04
161511	55	10	161618	31	30	161661	34	23	161669	57	08
161514	62	26	161620	08	25	161661	36	09	161669	62	19
161514	64	09	161627	13	27	161661	37	11	161669	72	18
161514	66	09	161627	16	26	161661	38	21	161669	96	05
161533	21	04	161629	26	13	161661	39	11	161670	13	25
161534	13	15	161630	33	12	161661	40	08	161670	16	22
161535	18	12	161634	31	52	161661	56	05	161670	34	18
161536	19	03	161635	08	29	161661	64	07	161670	54	08
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161536	20	03	161640	08	23	161661	70	07	161671	34	06
161536	20	05	161640	34	13	161661	72	10	161674	38	17
161536	21	03	161640	37	18	161661	74	21	161675	14	03
161537	12	05	161640	54	05	161661	81	17	161675	15	50
161538	74	10	161640	55	22	161661	87	15	161675	16	28
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161538	76	09	161640	72	19	161662	08	32	161675	31	33
161538	77	10	161640	96	06	161662	17	35	161675	35	26
161538	78	09	161641	17	05	161663	15	23	161675	68	13
161554	18	24	161641	55	05	161663	38	07	161675	70	06
161557	18	21	161642	13	31	161664	16	18	161675	71	05
161565	57	06	161642	16	20	161666	31	34	161675	91	03
161567	64	02	161642	31	07	161666	33	11	161676	08	14
161567	66	02	161642	34	19	161666	35	35	161676	13	38
161570	13	28	161642	54	09	161667	16	11	161676	15	08
161574	62	02	161646	34	07	161667	17	13	161676	16	10
161579	55	24	161647	13	22	161667	31	16	161676	17	12
161585	61	17	161650	74	17	161667	32	06	161676	31	09
161585	62	06	161658	38	04	161667	33	04	161676	32	05
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161610	17	06	161660	14	12	161667	39	13	161676	37	10
161613	15	48	161660	15	51	161667	66	07	161676	38	20
161613	35	23	161660	16	08	161667	75	19	161676	39	10
161615	13	37	161660	17	15	161667	90	08	161676	40	07
161615	17	22	161660	35	27	161667	93	09	161676	56	04
161615	31	17	161660	40	14	161668	22	11	161676	64	05
161615	33	03	161660	71	06	161668	23	09	161676	66	05
161615	56	06	161660	91	04	161668	90	06	161676	72	09
161615	81	21	161661	08	15	161669	08	22	161676	74	22
									161676	75	18

303 - NUMERICAL INDEX

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
161676	81	16	162026	31	06	162505	40	13	163628	13	03
161676	87	14	162027	72	16	162518	65	10	163630	38	05
161676	90	05	162028	70	05	162519	65	02	163630	55	30
161676	93	08	162029	26	03	162520	65	03	163630	62	18
161676	96	10	162041	16	33	162521	65	05	163649	13	32
161682	12	06	162041	62	17	162521	65	06	163649	16	09
161682	19	04	162041	78	10	162522	13	20	163649	31	12
161682	20	04	162064	33	20	162526	08	10	163649	37	13
161682	21	23	162066	18	22	162526	59	01	163649	39	09
161686	19	02	162071	80	05	162599	18	13	163649	40	11
161686	20	02	162218	31	04	162611	36	13	163649	56	03
161686	21	02	162241	68	01	162611	38	10	163649	72	08
161722	14	01	162242	68	02	162675	15	15	163650	16	14
161728	31	05	162243	68	03	162716	15	13	163650	17	29
161730	31	25	162244	68	04	162750	09	04	163650	22	09
161732	91	10	162245	68	05	162750	11	04	163650	23	21
161764	72	15	162246	68	06	162754	09	09	163650	31	45
161805	31	28	162331	08	17	162757	09	17	163973	02	17
161848	31	31	162345	13	07	162758	09	18	163975	02	18
161858	91	09	162349	40	04	162790	64	13	163976	02	19
161923	25	19	162350	40	06	162790	66	13	163977	02	20
161927	21	17	162351	40	05	162806	26	14	163978	02	21
161929	16	15	162360	78	13	162812	22	08	163979	02	22
161929	17	30	162398	40	03	162813	24	18	163992	02	23
161939	23	14	162404	80	01	162832	02	16	163993	02	24
161940	23	15	162409	81	03	162836	92	20	163994	02	25
161965	02	01	162418	82	04	162864	24	03	163995	02	26
161966	02	02	162419	88	05	162924	26	07	163996	02	27
161967	02	03	162419	89	05	162925	24	21	164182	26	22
161968	02	04	162441	88	06	162956	85	12	164184	26	11
161969	02	05	162441	89	06	163001	55	19	164188	25	24
161970	02	06	162445	85	10	163113	69	02	164188	26	23
161981	02	07	162450	02	12	163130	34	16	164188	27	17
161982	02	08	162451	02	13	163130	90	09	164244	10	05
161985	02	09	162452	02	14	163178	10	03	164245	10	06
161986	02	10	162453	02	15	163179	10	04	164535	71	07
161987	02	11	162471	65	07	163183	10	08	164535	72	17
161988	95	04	162472	93	04	163184	10	09	164667	16	27
161990	95	01	162485	13	23	163185	10	10	164667	17	40
161991	95	02	162487	40	12	163288	85	13	164668	25	33
161992	95	03	162489	21	16	163289	85	15	164669	31	43
161995	94	04	162495	55	29	163290	85	14	164671	22	03
161998	91	07	162502	18	27	163325	79	01	164672	22	07
162022	08	28	162503	18	26	163335	85	09	164673	23	20
162024	21	18	162504	35	38	163335	86	04	164674	24	22
162026	13	30	162504	39	07	163628	08	35	164674	25	27
									164675	22	12

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
164679	26	04	164907	26	09	165066	38	01	165128	09	15
164680	26	05	164920	08	31	165068	15	35	165129	09	14
164681	26	08	164925	55	08	165071	17	31	165130	09	13
164682	26	10	164928	54	10	165072	38	13	165131	09	12
164683	26	20	164945	58	03	165073	38	14	165132	09	11
164684	29	04	164945	61	09	165074	38	11	165133	09	10
164685	92	06	164945	62	03	165075	32	01	165134	09	08
164686	26	26	164969	31	19	165076	32	02	165135	09	07
164687	30	03	164970	31	20	165077	17	18	165136	09	06
164688	24	27	164971	31	21	165078	16	04	165137	09	05
164689	24	23	164972	31	22	165079	15	25	165138	09	03
164689	26	16	164974	31	24	165080	17	03	165139	09	02
164690	25	32	164976	31	29	165082	33	02	165140	09	01
164691	23	12	164978	31	37	165085	35	24	165141	09	16
164692	92	13	164979	31	38	165086	35	12	165142	10	07
164693	92	14	164980	31	15	165089	70	01	165143	10	02
164694	92	15	164981	31	40	165090	13	17	165144	10	01
164695	92	03	164982	31	39	165091	96	08	165145	11	06
164697	92	07	165032	23	18	165092	96	07	165146	11	05
164698	16	23	165033	25	22	165093	96	01	165147	11	03
164698	17	39	165034	25	23	165094	15	40	165148	11	02
164699	31	53	165035	22	17	165095	16	35	165149	11	01
164700	24	06	165035	23	24	165096	16	34	165152	31	23
164701	24	07	165035	28	03	165097	16	16	165153	72	21
164706	68	07	165035	29	05	165098	16	21	165156	24	16
164707	31	03	165036	90	04	165099	16	02	165157	26	15
164744	22	18	165037	71	09	165100	16	03	165158	27	08
164744	23	25	165038	71	11	165101	16	01	165159	23	27
164744	28	04	165039	71	10	165104	15	47	165162	33	01
164744	29	06	165040	71	08	165105	16	29	165163	22	13
164745	22	19	165041	71	14	165106	16	21	165164	22	14
164745	23	26	165043	66	10	165107	16	39	165165	23	01
164745	28	05	165044	71	16	165108	55	15	165166	23	02
164745	29	07	165045	66	01	165109	17	16	165167	23	03
164770	27	01	165046	23	06	165110	38	15	165168	23	04
164800	86	01	165047	28	06	165111	55	18	165169	23	30
164804	80	06	165048	23	28	165112	33	08	165170	22	02
164853	02	28	165054	47	20	165113	55	17	165171	22	15
164854	02	29	165056	72	13	165114	15	46	165172	22	16
164868	91	08	165057	72	12	165115	16	41	165173	22	20
164878	92	05	165058	73	01	165117	08	12	165174	24	10
164889	92	04	165059	16	12	165119	08	18	165175	24	12
164892	85	18	165060	40	01	165121	08	08	165176	24	14
164894	26	19	165061	17	27	165122	08	05	165178	24	29
164894	27	18	165063	55	01	165124	08	06	165178	25	28
164904	24	19	165065	62	16	165126	08	33	165178	26	27
									165179	24	28

303 - NUMERICAL INDEX

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
165180	24	01	165239	92	24	165285	50	130	165325	50	50
165186	26	12	165240	92	23	165286	51	130	165326	50	80
165187	26	18	165241	92	21	165287	48	120	165327	50	110
165188	27	02	165242	92	22	165288	47	10	165328	50	120
165189	27	03	165243	30	01	165289	91	06	165328	50	150
165190	27	05	165244	30	02	165290	46	10	165329	48	30
165191	27	06	165245	92	25	165291	35	31	165330	48	40
165192	27	09	165246	37	01	165292	36	15	165330	49	40
165193	27	10	165247	37	03	165293	36	01	165331	48	50
165195	27	13	165248	37	06	165294	36	02	165331	49	50
165196	29	01	165249	36	14	165295	36	03	165332	48	60
165206	23	13	165250	38	08	165296	36	04	165333	48	70
165211	25	25	165251	34	01	165297	36	05	165334	48	90
165212	26	25	165252	34	03	165298	35	05	165335	48	100
165213	27	20	165253	34	04	165299	35	37	165336	41	03
165214	27	12	165254	34	02	165300	35	07	165336	48	110
165215	24	15	165255	37	07	165301	35	06	165337	48	130
165215	25	26	165256	37	02	165302	35	08	165338	41	20
165216	24	24	165257	37	05	165303	35	04	165339	41	30
165216	26	17	165258	36	12	165304	35	02	165340	41	40
165217	24	30	165259	40	10	165305	35	03	165341	41	50
165217	25	29	165260	40	17	165306	35	34	165342	41	60
165217	26	28	165261	39	08	165307	35	01	165343	41	70
165218	24	31	165262	33	09	165308	52	80	165344	41	80
165218	25	30	165263	33	07	165308	53	30	165344	46	160
165218	26	29	165264	35	21	165309	52	30	165345	43	20
165219	28	07	165265	35	18	165310	51	100	165346	43	30
165220	28	01	165266	35	17	165310	52	40	165347	43	60
165221	24	09	165267	37	20	165311	52	60	165348	43	70
165222	16	25	165268	39	14	165312	48	80	165349	35	40
165223	92	02	165268	46	01	165312	49	70	165350	49	20
165224	34	21	165269	37	21	165312	50	70	165351	49	30
165226	92	12	165270	38	09	165312	51	90	165352	49	60
165227	90	03	165272	36	06	165312	52	50	165353	46	20
165228	90	02	165273	36	07	165313	52	20	165354	46	30
165229	91	11	165274	39	02	165314	51	140	165355	46	40
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165231	92	01	165276	54	02	165316	51	20	165357	46	60
165232	93	02	165277	54	01	165317	51	30	165358	46	70
165233	93	01	165278	41	10	165318	51	40	165359	46	80
165233	94	03	165279	41	09	165319	51	50	165360	46	90
165234	92	16	165280	53	10	165320	51	70	165361	46	100
165235	92	08	165281	52	10	165321	51	60	165362	46	110
165236	92	09	165282	49	10	165322	51	80	165363	46	120
165237	92	10	165283	48	10	165323	51	110	165364	46	140
165238	92	11	165284	43	10	165324	50	40	165365	46	150
									165366	46	170

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
165367	46	175	165414	43	40	165516	67	02	165572	96	02
165368	47	30	165415	43	50	165517	67	13	165573	35	39
165369	44	20	165416	44	10	165518	67	12	165574	15	42
165370	44	30	165417	45	10	165519	67	11	165574	31	50
165371	44	40	165418	45	55	165520	72	05	165575	91	01
165372	44	50	165419	45	70	165521	72	04	165576	50	100
165373	44	70	165420	45	110	165522	72	03	165577	42	100
165374	44	60	165421	45	120	165523	72	02	165578	41	08
165375	44	80	165422	45	140	165523	73	04	165579	50	60
165376	44	90	165423	45	170	165524	63	01	165580	50	30
165377	44	100	165424	48	20	165525	63	02	165581	45	60
165378	44	110	165425	48	140	165526	63	03	165582	59	08
165379	44	120	165426	50	10	165527	63	04	165583	60	04
165380	44	130	165427	50	20	165528	63	05	165584	60	01
165381	44	140	165428	50	90	165529	63	06	165585	60	02
165382	44	150	165429	50	140	165530	63	07	165587	31	11
165383	44	160	165430	50	160	165531	63	08	165587	35	19
165384	44	170	165431	53	20	165532	63	09	165588	31	49
165385	44	180	165432	42	160	165533	63	10	165589	31	48
165386	44	190	165433	42	150	165534	63	11	165591	13	01
165387	41	01	165471	55	09	165535	63	12	165592	13	34
165388	41	02	165472	57	05	165536	63	13	165593	31	01
165389	41	04	165478	55	26	165538	58	04	165594	35	10
165390	41	05	165481	69	03	165539	58	05	165595	31	02
165391	41	06	165487	72	01	165541	63	16	165596	13	19
165392	41	07	165488	67	01	165543	63	15	165597	08	01
165393	42	02	165489	71	01	165547	32	03	165598	08	16
165394	42	80	165490	69	01	165548	73	02	165599	08	11
165395	42	90	165495	60	03	165549	73	03	165601	12	01
165396	42	110	165496	60	09	165550	73	06	165602	08	11
165397	42	120	165497	60	08	165551	15	02	165603	08	09
165398	42	130	165498	60	07	165552	15	32	165605	08	02
165399	42	140	165499	57	12	165553	15	33	165606	08	34
165400	45	20	165500	33	15	165554	17	02	165607	09	19
165401	45	30	165501	33	16	165555	17	37	165608	09	21
165402	45	40	165502	33	13	165556	15	34	165609	40	02
165403	45	50	165503	33	14	165557	13	29	165610	31	36
165404	45	80	165504	62	07	165558	55	02	165611	31	41
165405	45	90	165505	62	22	165559	15	39	165612	31	55
165406	45	100	165508	61	02	165560	15	38	165613	34	20
165407	45	130	165510	61	07	165564	32	08	165614	18	01
165408	45	150	165511	61	08	165565	16	13	165615	19	01
165409	45	160	165512	61	18	165565	17	28	165616	21	08
165410	37	04	165513	61	12	165566	62	21	165617	21	07
165410	52	70	165514	72	20	165567	73	07	165618	21	01
165412	42	01	165515	67	10	165569	63	14	165619	18	08
									165620	20	01

303 - NUMERICAL INDEX

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
165621	13	05	165660	61	01	165699	74	09	165880	81	06
165622	21	20	165661	57	01	165700	75	09	165886	88	04
165623	21	22	165662	08	07	165701	76	07	165886	89	04
165624	18	25	165662	58	01	165702	77	09	165892	88	03
165625	19	16	165663	62	01	165703	57	04	165892	89	03
165626	20	16	165664	78	02	165803	13	13	165894	85	11
165627	21	09	165665	78	03	165816	71	13	165895	35	11
165627	76	01	165666	78	05	165817	96	03	165896	77	14
165628	18	07	165667	78	04	165818	15	19	165897	61	06
165628	75	01	165668	78	06	165818	15	20	165898	02	30
165629	18	02	165669	78	07	165819	35	20	165906	02	31
165629	74	01	165670	74	02	165821	17	32	165911	31	42
165630	13	09	165671	74	03	165822	37	08	165912	90	01
165630	77	01	165672	74	07	165823	74	11	165913	15	36
165631	12	09	165673	74	04	165823	75	11	165914	33	19
165631	78	01	165674	74	06	165823	76	10	165915	35	32
165632	81	14	165674	75	06	165823	77	11	165915	35	33
165633	81	13	165674	77	06	165824	31	51	165915	39	04
165634	13	33	165675	74	05	165825	71	15	165915	39	05
165634	81	22	165675	75	05	165826	23	19	165915	39	06
165635	87	01	165675	77	05	165828	85	01	165916	14	07
165636	87	02	165676	75	02	165829	81	04	165916	14	08
165637	87	03	165677	75	03	165830	85	05	165918	88	09
165638	87	04	165678	75	07	165832	81	05	165918	88	10
165639	81	12	165678	76	05	165834	83	03	165918	88	11
165640	81	11	165679	75	04	165838	81	18	165918	89	09
165641	81	10	165680	76	02	165839	81	02	165918	89	10
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165643	87	05	165682	76	04	165845	84	02	165919	33	17
165644	87	06	165683	77	02	165848	83	02	165919	33	18
165645	87	08	165684	77	03	165852	84	01	165920	33	21
165646	87	07	165685	77	07	165860	88	01	165921	15	30
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165648	87	09	165687	78	14	165861	89	01	165922	25	20
165649	18	18	165688	57	02	165861	88	02	165922	25	21
165650	18	20	165689	57	03	165862	89	02	165923	24	11
165651	18	16	165690	57	03	165862	88	07	165925	13	18
165652	18	19	165691	61	03	165863	55	07	165928	67	08
165653	18	17	165692	58	06	165864	89	07	165929	34	14
165654	87	11	165692	19	06	165870	80	02	165932	31	14
165655	87	12	165693	20	06	165871	80	03	165933	34	05
165656	87	12	165694	21	12	165873	82	02	165934	34	17
165656	75	16	165694	18	03	165874	82	01	165935	34	17
165657	75	15	165695	18	03	165874	82	01	165935	54	06
165658	74	15	165696	18	10	165876	81	01	165936	27	07
165659	74	20	165697	31	47	165877	81	07	165937	37	16
165660	13	02	165698	31	46	165878	81	20	165937	54	03
			165698	15	37	165879	81	08	165938	74	08

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
165938	75	08	165989	17	01	651458	15	12	656001	17	11
165938	76	06	165990	38	27	651458	18	05	656001	31	08
165938	77	08	651391	34	22	651458	19	08	656001	32	04
165940	13	21	651394	17	04	651458	20	08	656001	35	28
165942	15	21	651395	34	12	651458	21	14	656001	40	09
165943	13	40	651396	18	09	651458	24	04	656001	60	05
165944	73	09	651399	55	03	651458	27	04	656001	64	04
165945	08	30	651407	16	24	651458	31	26	656001	66	04
165946	68	12	651421	38	03	651458	35	15	656001	72	08
165947	25	36	651422	27	19	651458	36	11	656001	90	07
165948	23	29	651424	24	17	651458	37	19	656001	93	07
165950	15	45	651424	31	32	651458	87	16	656001	96	09
165952	31	13	651425	14	02	651459	15	04	656016	16	17
165953	13	24	651425	26	06	651459	17	08	656017	16	38
165956	13	16	651426	18	23	651465	73	05	656047	17	17
165960	38	25	651426	40	19	651466	23	05	656047	40	20
165961	67	03	651427	17	14	651468	74	18	656047	91	05
165962	38	26	651430	15	41	651470	13	14	656050	16	37
165963	69	04	651430	23	22	651472	72	11	656050	21	19
165964	14	13	651434	18	28	651475	55	20	656090	08	21
165965	58	02	651434	81	15	651475	57	07	656092	35	22
165965	61	13	651435	87	13	651475	96	04	656093	15	09
165966	61	11	651438	39	15	651480	08	24	656093	31	18
165966	62	09	651439	18	04	651480	54	07	656093	33	06
165968	62	15	651439	19	07	651480	57	09	656093	34	09
165969	61	10	651439	20	07	651487	16	19	656093	38	19
165971	57	11	651439	21	13	651489	08	26	656093	39	12
165971	62	12	651440	18	11	651505	15	43	656093	75	17
165972	62	11	651443	13	08	651505	25	34	656094	35	16
165972	77	13	651443	19	17	651505	38	16	656094	36	08
165973	61	05	651443	20	17	651507	16	06	656100	73	10
165974	88	12	651443	21	11	651507	17	24	656102	62	18
165974	89	12	651446	31	44	651507	71	04	656110	31	54
165975	64	10	651448	24	13	651507	91	02	656110	60	06
165976	71	12	651449	08	27	651517	15	18	656116	15	05
165977	40	15	651449	73	08	651517	31	35	656116	17	09
165982	33	22	651456	24	20	651517	74	23	656149	15	49
165983	13	39	651456	27	11	656001	08	13	656149	35	25
165985	51	120	651457	33	10	656001	13	35	425-34636	46	130
165987	15	01	651457	35	36	656001	15	28	425-36091	39	18
165988	15	10	651457	40	16						

NOTES

TORQUE SPECIFICATIONS

NOTE: Use these torque values when tightening **GEHL** hardware (excluding: Locknuts and Self-tapping, Thread Forming and Sheet Metal Screws) unless specified otherwise.

All torque values are in Lb-Ft except those marked with an * which are Lb-In
(For metric torque value Nm, multiply Lb-Ft value by 1.355 or Lb-In value by 0.113)

Unified National Thread	Grade 2 		Grade 5 		Grade 8 	
	Dry	Lubed	Dry	Lubed	Dry	Lubed
8-32 8-36	19* 20*	14* 15*	30* 31*	22* 23*	41* 43*	31* 32*
10-24 10-32	27* 31*	21* 23*	43* 49*	32* 36*	60* 68*	45* 51*
1/4-20 1/4-28	66* 76*	50* 56*	9 10	75* 86*	12 14	9 10
5/16-18 5/16-24	11 12	9	17 19	13 14	25	18 20
3/8-16 3/8-24	20 23	15 17	30 35	23 25	45 50	35
7/16-14 7/16-20	32 36	24 27	50 55	35 40	70 80	55 60
1/2-13 1/2-20	50 55	35 40	75 90	55 65	110 120	80 90
9/16-12 9/16-18	70 80	55 60	110 120	80 90	150 170	110 130
5/8-11 5/8-18	100 110	75 85	150 180	110 130	220 240	170 180
3/4-10 3/4-16	175 200	130 150	260 300	200 220	380 420	280 320
7/8-9 7/8-14	170 180	125 140	430 470	320 360	600 660	460 500
1-8 1-14	250 270	190 210	640 710	480 530	900 1000	680 740
Metric Course Thread	Grade 8.8 		Grade 10.9 		Grade 12.9 	
	Dry	Lubed	Dry	Lubed	Dry	Lubed
M6-1	8	6	11	8	13.5	10
M8-1.25	19	14	27	20	32.5	24
M10-1.5	37.5	28	53	39	64	47
M12-1.75	65	48	91.5	67.5	111.5	82
M14-2	103.5	76.5	145.5	108	176.5	131
M16-2	158.5	117.5	223.5	165.5	271	200



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