
312C

Track-Type Excavator

Powered by 3064 Engine

SERIAL NUMBER

CAE1-01200(Vehicle)

6LK23357-Up(Engine)

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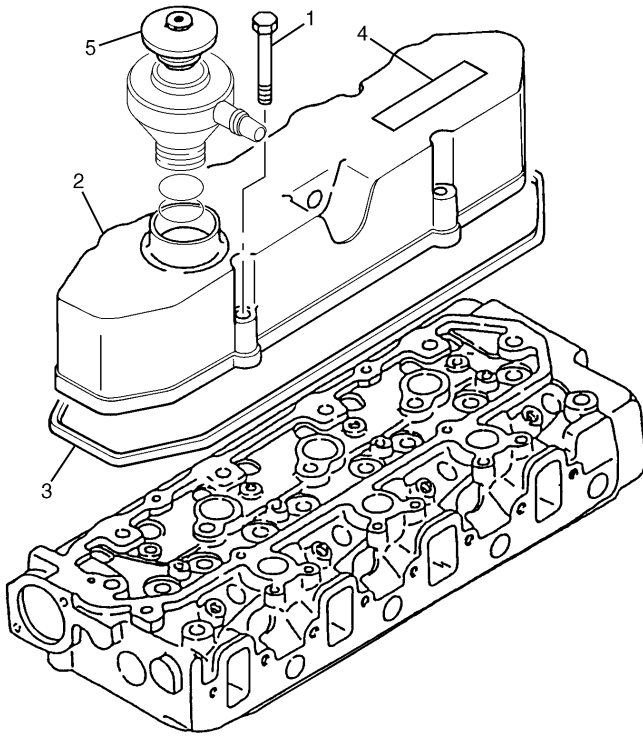
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BASIC ENGINE

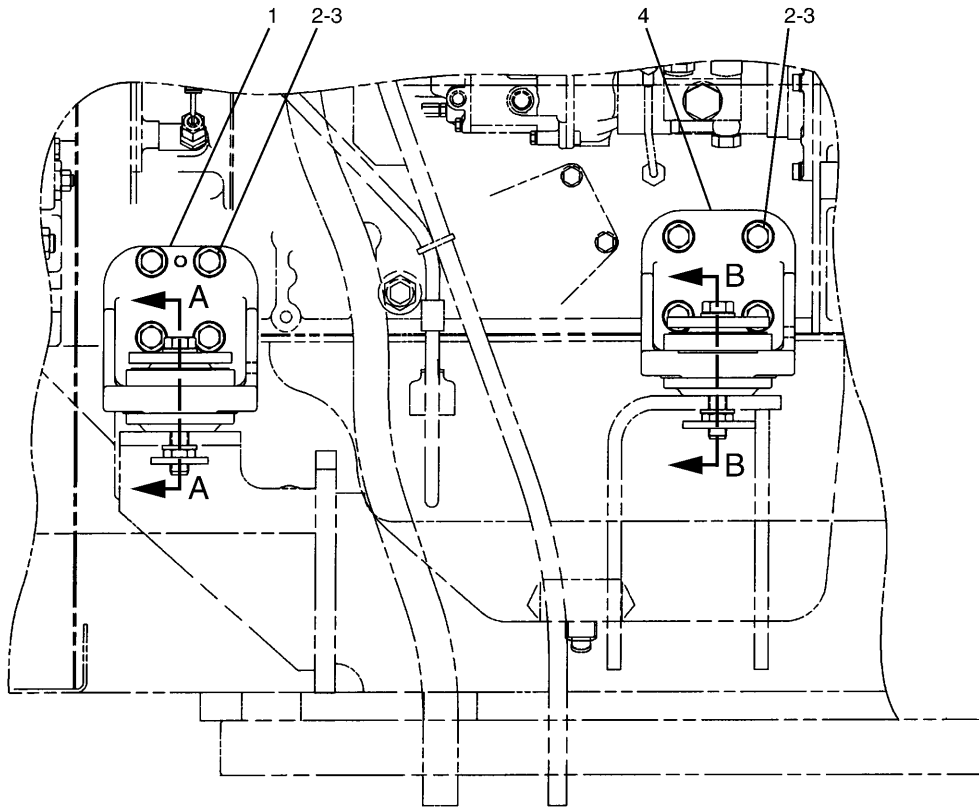


NOTE	No.	PART No.	QTY	PART NAME
	1	8T-4186	4	BOLT (L=40mm)
	2	51-7904	1	COVER
	3	51-7905	1	GASKET
	4	4P-6445	1	PLATE (CAT)
	5	51-7584	1	CAP

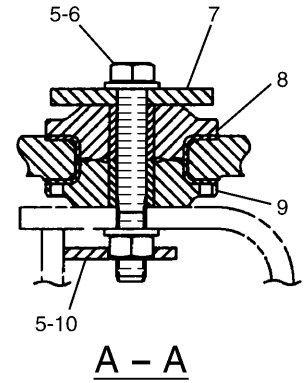
H78530E 01

196-8072 COVER GP-VALVE MECHANISM
Part of 162-6328-Page12

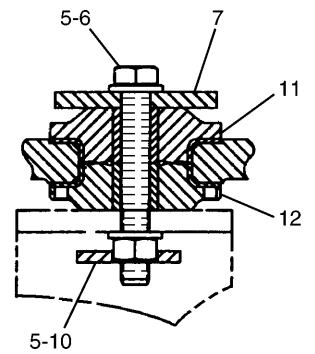
BASIC ENGINE



RIGHT SIDE VIEW ENGINE



A - A



B - B

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	178-6477	2	BRACKET					
	2	8T-4956	16	BOLT (L=35mm)					
	3	8T-4223	16	WASHER					
	4	118-9919	2	BRACKET					
	5	9X-8257	8	WASHER					
	6	8T-4173	4	BOLT (L=110mm)					
	7	099-4707	4	WASHER					
	8	118-9935	2	MOUNT					
	9	118-9936	2	MOUNT					
	10	118-9941	4	SUPPORT AS					
	11	193-2743	2	MOUNT					
	12	193-2744	2	MOUNT					

H71823E 01

162-6317 MOUNTING GP-ENGINE

COOLING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	193-2741	1	GUARD AS					
	2	8T-4984	4	CLAMP					
	3	190-5921	1	GUARD AS					
	4	7X-7729	11	WASHER					
	5	8T-4137	11	BOLT (L=20mm)					
Y	6	162-6332	1	RADIATOR GP					
	7	8T-4956	4	BOLT (L=35mm)					
	8	171-9164	1	HOSE					
	9	171-9165	1	HOSE					
	10	8T-4223	4	WASHER					
	11	8T-4224	2	WASHER					
	12	8T-4200	2	BOLT (L=16mm)					
	13	171-9077	1	BAND					
	14	096-0744	1	TANK AS					
		171-3369	1	CAP AS					
	15	096-0061	3	STRAP					
E	16	7Y-1976		HOSE...(39cm)					
	17	096-4035	1	CLIP					
D	18	5P-9909		SEAL...(0.6m)					

D—ORDER BY THE METER
 E—ORDER BY THE CENTIMETER
 Y—SEE SEPARATE ILLUSTRATION

H75096E 02

162-6331 RADIATOR & HYD OIL COOLER GP
 S/N CAE 1-(T01.01)
 162-6332-Page36

COOLING SYSTEM

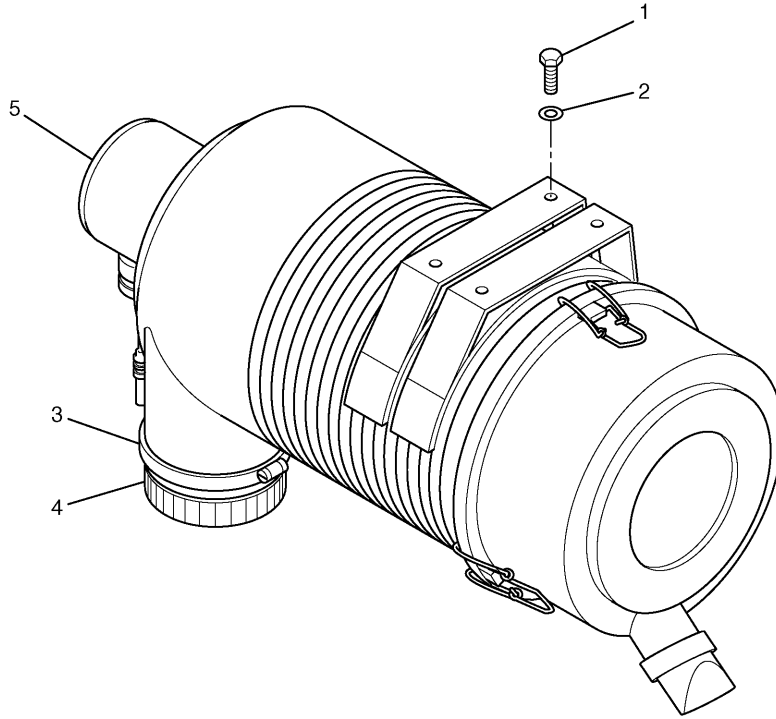
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	196-8031	1	CORE AS (RADIATOR)					
	2	096-4034	2	BOLT					
	3	8T-4189	16	BOLT (L=20mm)					
	4	8T-4224	16	WASHER					
	5	8T-4137	4	BOLT (L=20mm)					
	6	8T-4121	4	WASHER					
	7	124-1574	1	COCK AS					
E	8	7Y-1976		HOSE...(200cm)					
	9	178-6500	2	SEAL					
	10	196-8038	2	SEAL					
	11	196-8035	1	SCREEN AS					
	12	196-8047	1	FRAME AS					
	13	196-8037	2	SEAL					
	14	196-8034	1	SHROUD AS					
	15	184-3949	1	CAP AS					
	16	096-4035	2	CLIP					
	17	196-8046	1	CORE AS (OIL COOLER)					

E—ORDER BY THE CENTIMETER

H72107E 02

193-2878 RADIATOR & HYD OIL COOLER GP
 S/N CAE 1-(T01.01)
 Part of 193-2877-Page38
 An Attachment

AIR INLET AND EXHAUST SYSTEM



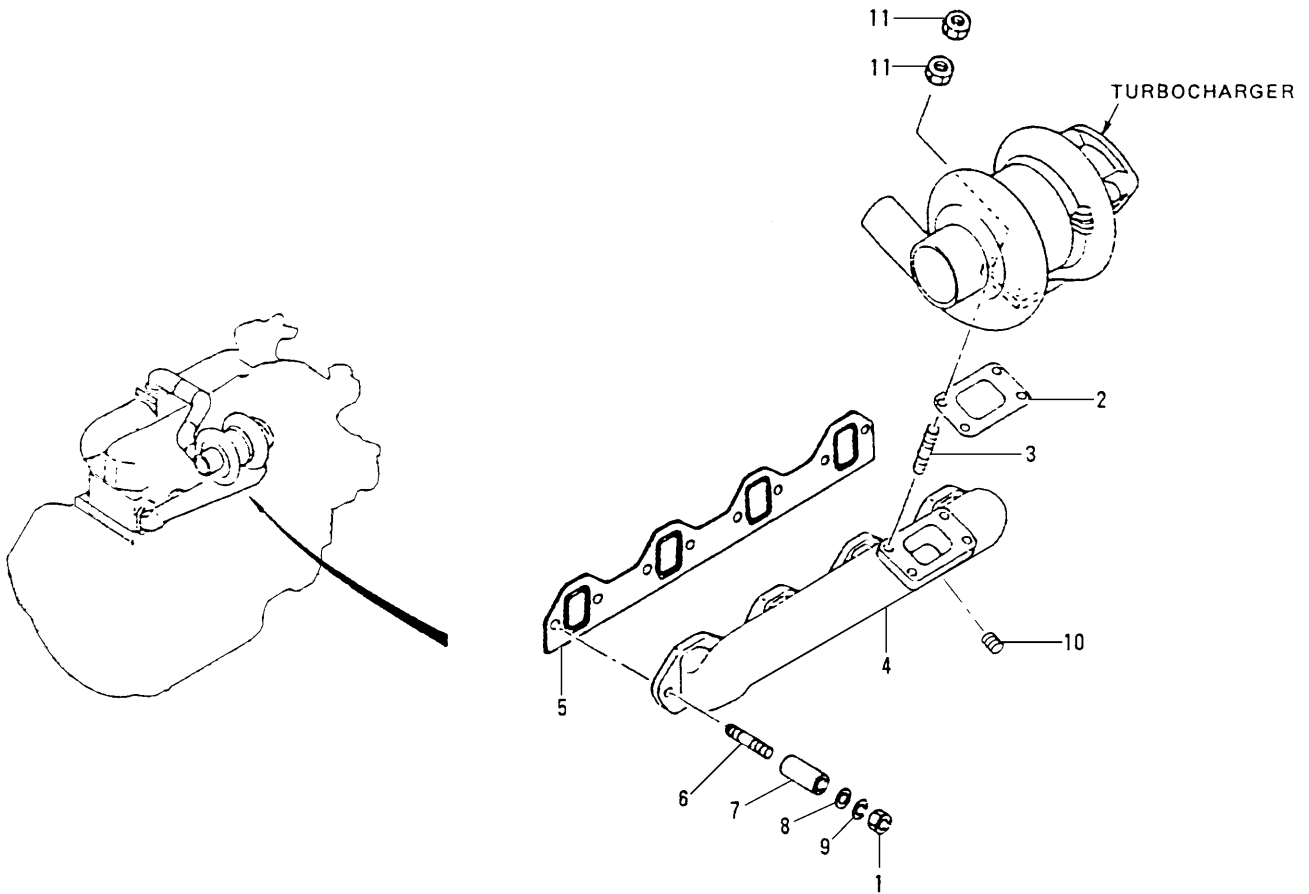
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8T-4200	4	BOLT (L=16mm)					
	2	8T-4224	4	WASHER					
	3	8T-6726	1	CLAMP					
	4	131-8915	1	CAP					
Y	5	118-9882	1	CLEANER GP					

Y-SEE SEPARATE ILLUSTRATION

H60738E 00

118-9881 AIR CLEANER GP
 118-9882-Page50
 An Attachment

AIR INLET AND EXHAUST SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5C-7261	8	NUT					
	2	51-7933	1	GASKET					
	3	178-6554	4	STUD					
	4	196-8006	1	MANIFOLD					
	5	196-8007	1	GASKET					
	6	51-7549	8	STUD					
	7	51-7550	8	SPACER					
	8	51-8013	8	WASHER					
	9	095-8638	8	WASHER					
	10	51-5087	1	PLUG					
	11	51-7633	8	NUT					

H71767E 00

196-7986 MANIFOLD GP-EXHAUST
Part of 162-6328-Page13

MEMORANDA

FUEL SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8 T - 4 1 8 9	6	BOLT (L=20mm)					
	2	8 T - 4 2 2 4	14	WASHER					
	3	4 D - 6 4 6 6	2	CLIP					
	4	1 2 0 - 0 0 0 9	1	LEVER AS					
	5	7 X - 2 5 3 4	2	BOLT (L=50mm)					
	6	9 X - 8 2 5 6	2	WASHER					
	7	5 C - 7 2 6 1	2	NUT					
	8	8 T - 4 1 3 6	3	BOLT (L=25mm)					
	9	8 T - 4 1 2 1	3	WASHER					
	10	1 9 5 - 8 9 4 3	1	SUPPORT AS					
	11	1 7 7 - 7 6 3 6	1	COVER AS					
	12	1 7 1 - 2 5 9 0	1	MOTOR AS					
		1 0 2 - 8 8 0 6	1	RECEPTACLE KIT					
		8 T - 8 7 3 7	1	PLUG					
		9 X - 3 4 0 1	7	PIN					
		1 5 7 - 3 1 6 0	2	JOINT					
	13	7 X - 2 5 3 7	2	BOLT (L=35mm)					
	14	8 T - 4 2 0 0	2	BOLT (L=16mm)					
	15	1 9 5 - 8 8 3 4	1	BRACKET AS					

H77486E 03

164-8276 CONTROL GP-GOVERNOR

ELECTRICAL AND STARTING SYSTEM

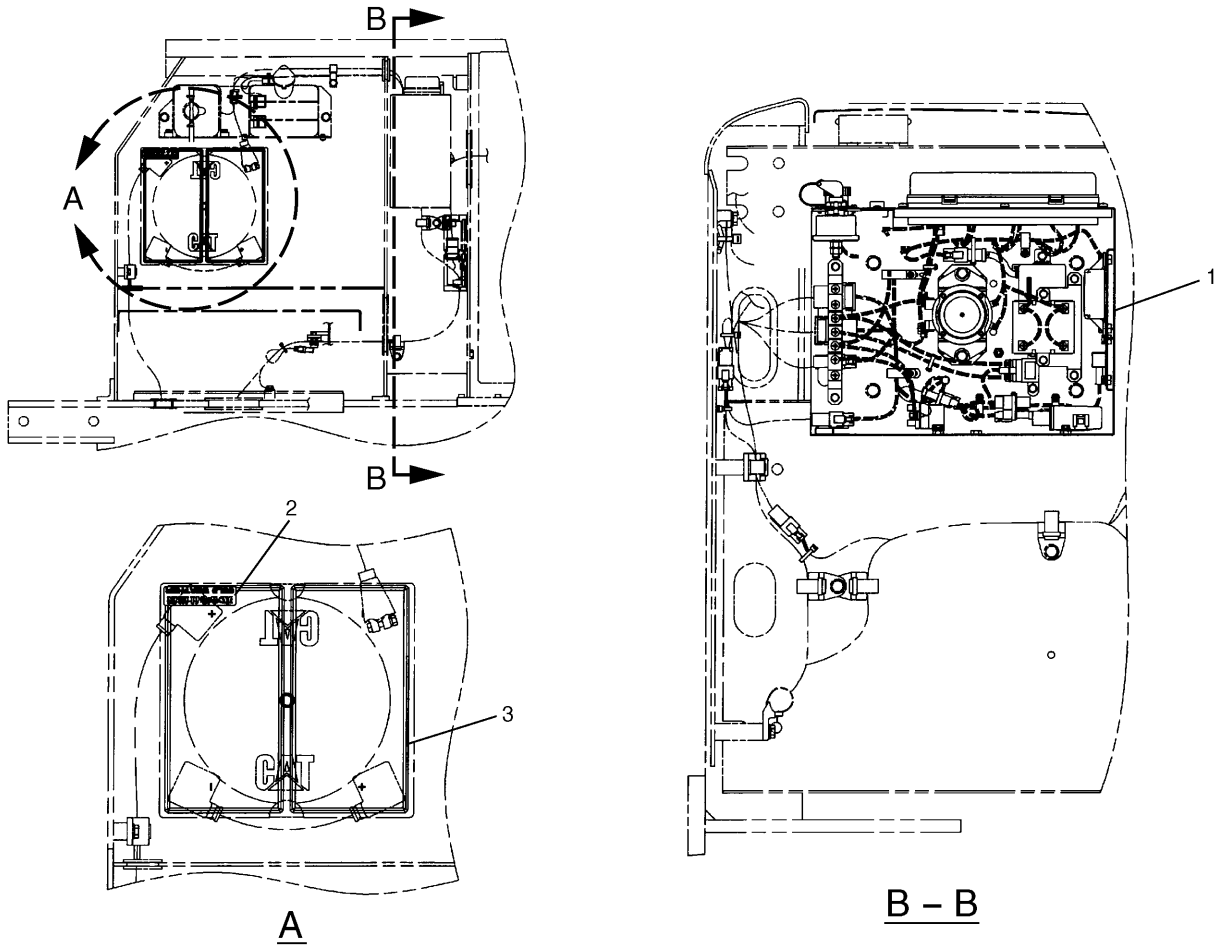
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	3S-2093	15	STRAP					
	2	183-1001	1	HARNES AS					
	3	8T-4185	1	BOLT (L=50mm)					
	4	8T-4137	8	BOLT (L=20mm)					
	5	8T-4121	11	WASHER					
	6	111-4836	10	CLIP					
	7	116-0118	3	CLIP					
	8	8T-4191	2	BOLT (L=16mm)					
	9	111-4837	1	CLIP					
	10	6G-2263	1	SPACER					
	11	7K-1181	1	STRAP					

Y-SEE SEPARATE ILLUSTRATION

H75118E 05

170-6816 BATTERY & WIRING GP (2/3)
 S/N CAE 00395-00859
 183-1001-Page88

ELECTRICAL AND STARTING SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	193-3516	1	PANEL GP					
	2	102-5420	1	FILM (INSTRUCTION)					
	3	9X-3404	2	BATTERY					

Y-SEE SEPARATE ILLUSTRATION

H74737E 00

193-3533 BATTERY & WIRING GP-COLD WEATH

Part of 198-2321-Page78
193-3516-Page93.01
An Attachment

ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3T-4696	3	TERMINAL					
	2	9W-0844	28	SOCKET					
	3	9X-3402	26	SOCKET					
	4	9G-3695	37	PLUG					
	5	102-8802	5	RECEPTACLE KIT					
	6	155-2261	6	WEDGE					
	7	102-8804	2	RECEPTACLE KIT					
	8	186-3736	16	SOCKET					
	9	155-2258	4	WEDGE					
	10	8T-8729	15	PIN					
	11	9X-3401	17	PIN					
	12	9W-0852	17	PIN					
	13	3S-2093	13	STRAP					
	14	155-2263	1	WEDGE					
	15	102-7964	1	CONNECTOR					
	16	125-4841	1	WEDGE					
	17	102-7965	16	TERMINAL					
	18	163-6699	1	CONNECTOR					
	19	163-6790	9	TERMINAL					
	20	125-4785	16	TERMINAL					
	21	163-6659	1	CONNECTOR					
	22	155-2260	3	PLUG KIT					
	23	155-2270	6	PLUG KIT					
	24	155-2271	1	PLUG KIT					
	25	155-2255	4	PLUG KIT					
	26	102-8806	1	RECEPTACLE KIT					
	27	102-8801	4	RECEPTACLE KIT					
	28	102-8803	1	RECEPTACLE KIT					
	29	169-8672	1	PLUG AS					

H81737E 03

ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	104-3204	1	CONTROLLER					
	2	125-1302	1	SWITCH AS (START RELAY)					
	3	163-6758	1	WIRE AS					
			102-8802	1	RECEPTACLE KIT				
			186-3735	2	PIN				
	4	170-9409	1	WIRE AS					
			2L-8050	2	TERMINAL				
	5	8T-4171	2	BOLT (L=12mm)					
	6	8T-6411	7	SCREW					
	7	9X-8256	24	WASHER					
	8	163-6757	1	WIRE AS					
			2L-8050	2	TERMINAL				
	9	111-4829	1	WIRE AS					
			2L-8050	2	TERMINAL				
	10	193-3520	1	BRACKET AS					
	11	121-1023	1	BLOCK					
	12	8C-7581	5	SCREW					
13	096-6166	5	WASHER						
14	3E-8048	4	SCREW						
15	096-5962	4	WASHER						
16	136-4055	1	STRIP						
17	193-3526	1	WIRE AS						
		2L-8050	1	TERMINAL					
		2L-8051	1	TERMINAL					
Y	18	163-6703	1	TIMER AS					
	19	105-9980	1	CLIP					
	20	7X-2619	11	BOLT (L=10mm)					
	21	193-3528	1	CABLE AS					
			9G-4343	2	TERMINAL				
	22	3S-2093	5	STRAP					
	23	105-9982	1	CLIP					
	24	111-4719	1	CLIP					
	25	167-3593	1	STRAP					
	26	105-9986	1	CLIP					
	Y	27	193-3524	1	HARNESS AS				
28		105-9983	1	CLIP					
29		5C-2890	2	NUT					
30		9X-8124	1	SWITCH AS (HEATER RELAY)					
			8T-4134	2	NUT				
31		193-3527	1	WIRE AS					
			2L-8050	1	TERMINAL				
			2L-8051	1	TERMINAL				
32		170-6935	1	WIRE AS					
			2L-8050	2	TERMINAL				
33		193-3525	1	WIRE AS					
			2L-8050	1	TERMINAL				
		2L-8051	1	TERMINAL					
34	193-3529	1	CABLE AS						
		9G-4343	2	TERMINAL					
35	165-4026	1	SWITCH AS (MAIN RELAY)						
36	4F-2294	2	NUT						
37	6V-8186	2	NUT						
38	6V-8378	2	NUT						

Y-SEE SEPARATE ILLUSTRATION

H75125E 01

193-3530 PANEL GP-CIRCUIT BREAKER (2/2)

Part of 170-6816-Page73

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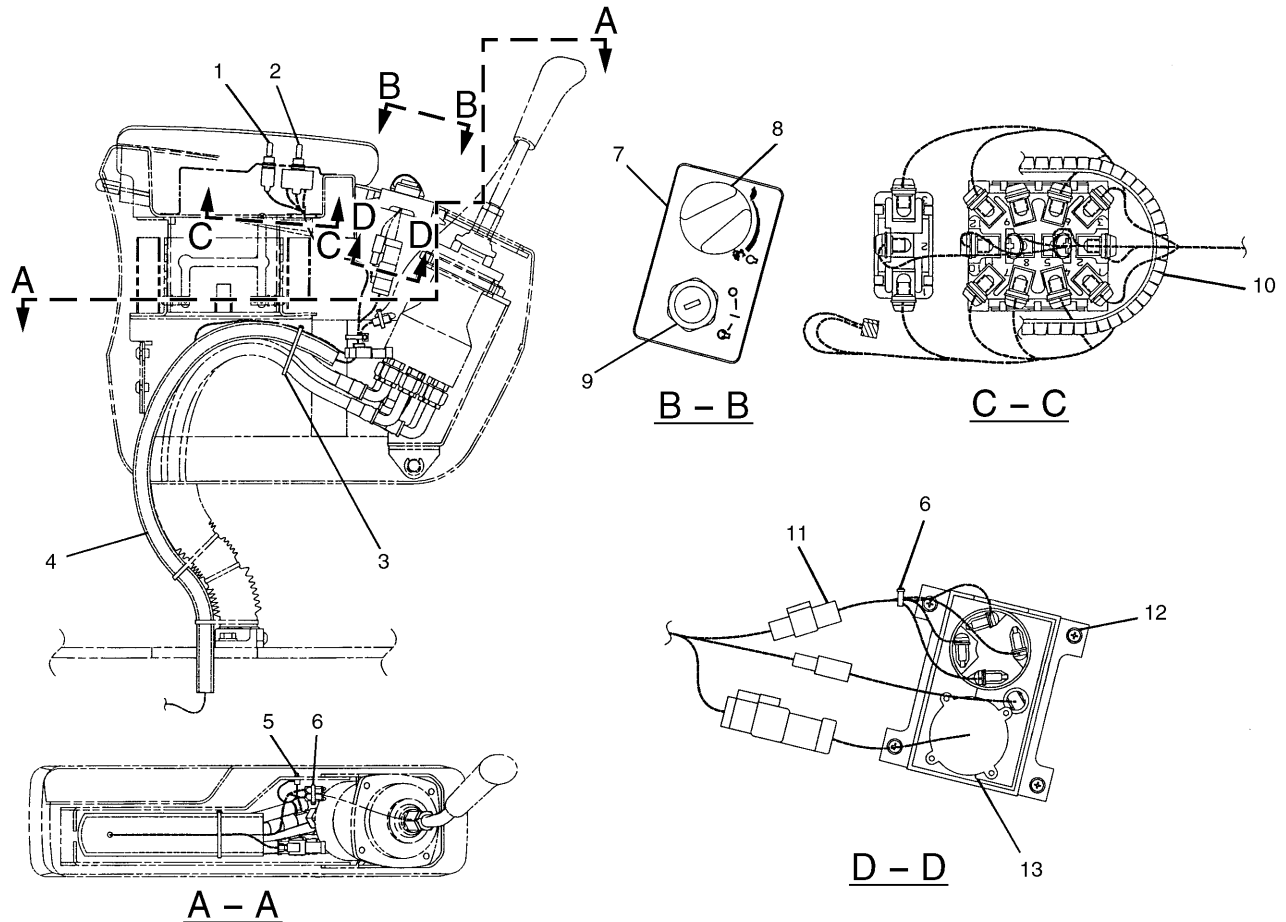
ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	183-1000	1	BASE AS					
		9X-8256	2	WASHER					
		095-0742	2	SCREW					
		170-9394	32	TERMINAL					
	2	149-5051	6	CONNECTOR					
	3	3S-2093	8	STRAP					
	4	7Y-3951	9	TERMINAL					
	5	121-1022	2	DIODE					
	6	7Y-3952	2	CONNECTOR					
	7	7Y-3963	3	TERMINAL					
	8	170-6890	2	TERMINAL					
	9	170-6891	14	TERMINAL					
	10	2L-8076	5	TERMINAL					
	11	7Y-3958	1	CONNECTOR					
	12	2L-8067	2	TERMINAL					
	13	149-5069	6	TERMINAL					
	14	149-5070	12	TERMINAL					
	15	149-5071	6	TERMINAL					
	16	7Y-3965	4	TUBE					

H82015E 02

193-3517 HARNESS AS (1/2)
 Part of 193-3516-Page93.04
 An Attachment

ELECTRICAL AND STARTING SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	163-6711	1	SWITCH AS (BACKUP)					
	2	163-6710	1	SWITCH AS (BACKUP)					
	3	7K-1181	1	STRAP					
Y	4	197-4276	1	HARNESS AS					
	5	163-6795	1	STRAP					
	6	3S-2093	2	STRAP					
	7	163-6702	1	PANEL AS					
		170-9324	1	BULB AS					
	8	185-9208	1	KNOB AS					
		185-9209	1	SPRING					
		124-4003	1	PLATE					
Y	9	9G-7641	1	SWITCH GP (ENGINE STARTER)					
D	10	6V-5738		TRIM... (0.13m)					
Y	11	170-6828	1	HARNESS AS					
	12	119-5026	4	SCREW					
Y	13	106-0107	1	SWITCH AS (ACCELERATOR)					

D—ORDER BY THE METER

Y—SEE SEPARATE ILLUSTRATION

H74278E 06

163-6626 WIRING GP-CONSOLE

Part of 163-6624-Page103

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ELECTRICAL AND STARTING SYSTEM

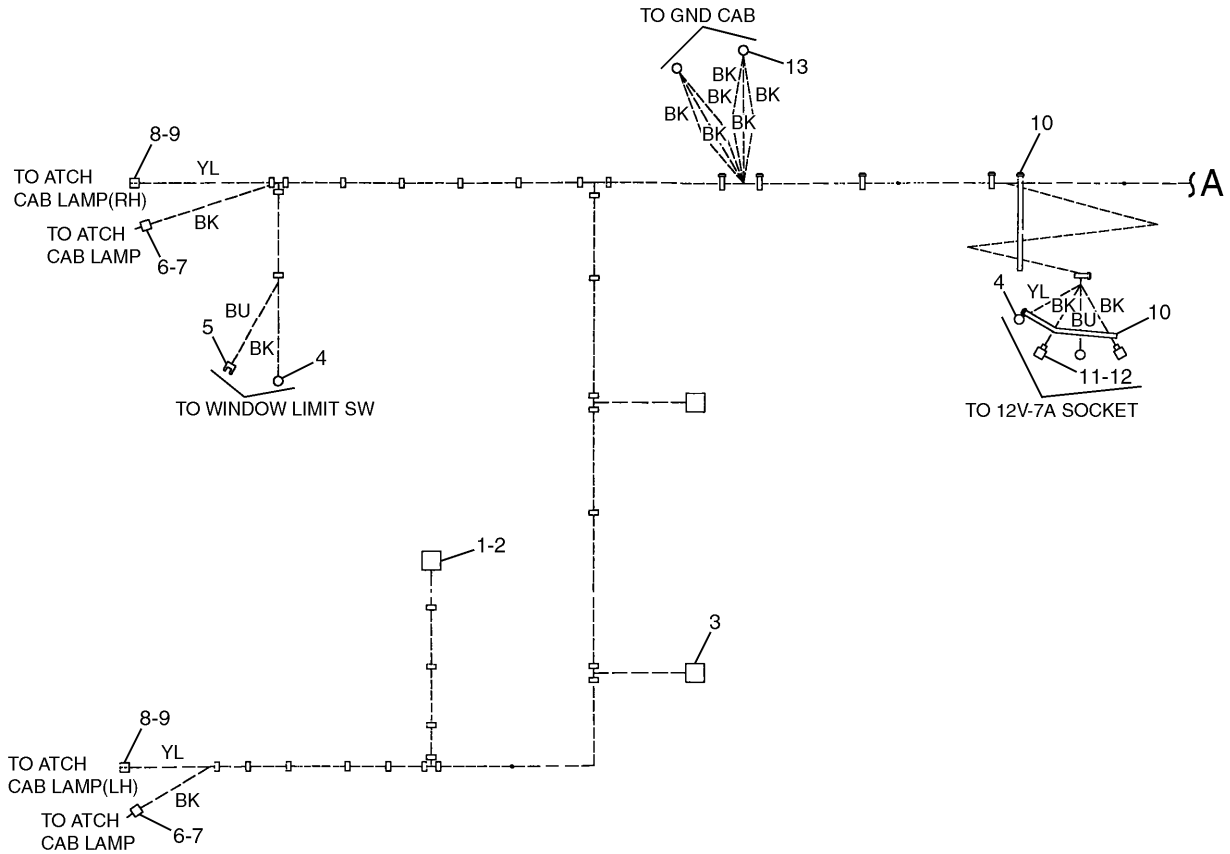
	NOTE	No.	PART No.	QTY	PART NAME
		1	2L-8075	4	TERMINAL
		2	120-7724	1	CONNECTOR
		3	7Y-3950	4	TERMINAL
H67109E 01					

170-6829 HARNESS AS-CONSOLE
Part of 170-6828-Page112

	NOTE	No.	PART No.	QTY	PART NAME
		1	2L-8075	4	TERMINAL
		2	120-7724	1	CONNECTOR
		3	7Y-3950	4	TERMINAL
H67110E 01					

170-6830 HARNESS AS-CONSOLE
Part of 170-6828-Page112

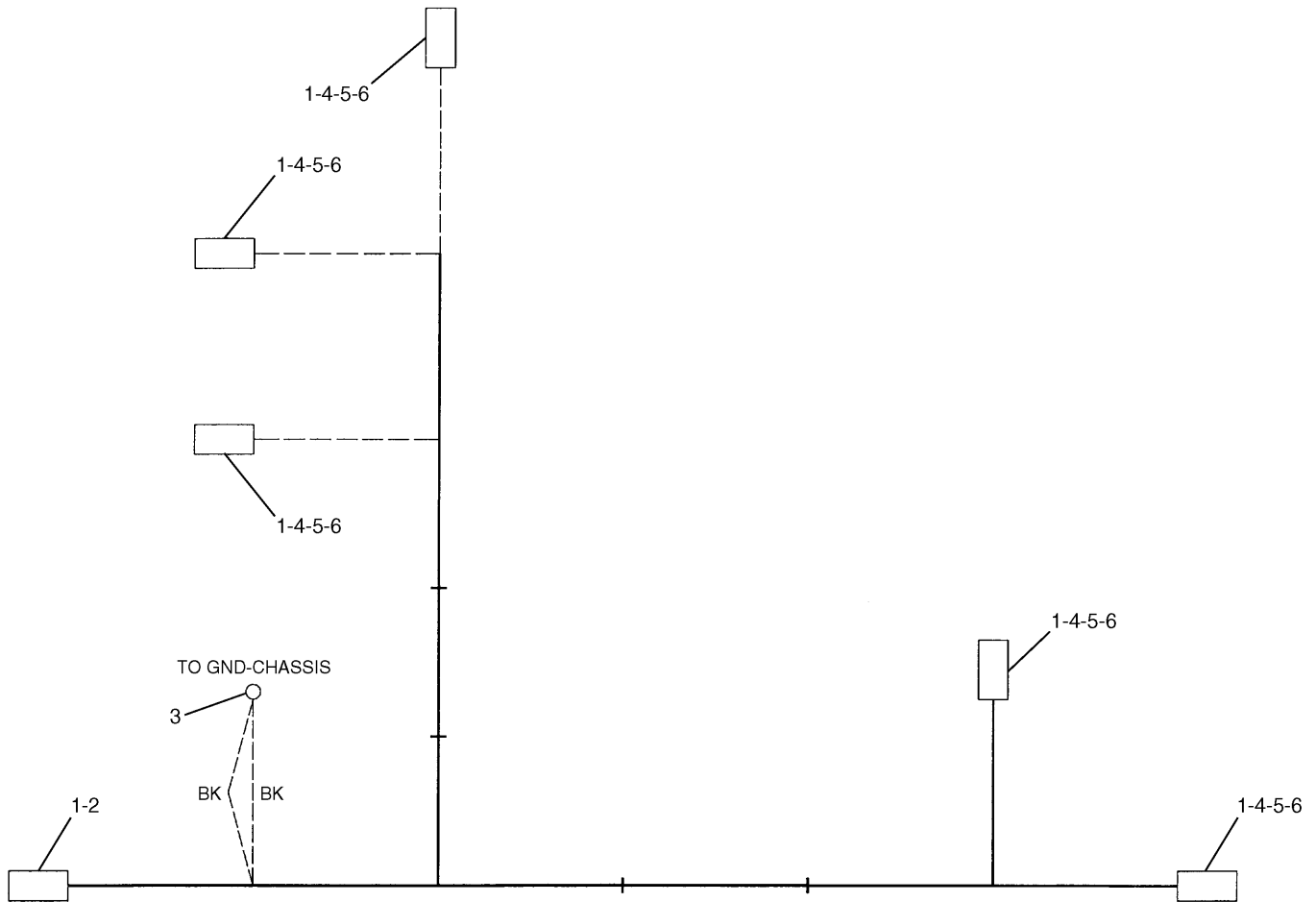
ELECTRICAL AND STARTING SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	167-3631	2	TERMINAL					
	2	167-3630	1	CONNECTOR					
	3	7Y-3950	4	TERMINAL					
	4	2L-8075	3	TERMINAL					
	5	5P-2321	1	TERMINAL					
	6	7Y-3962	2	TERMINAL					
	7	7Y-3964	2	TUBE					
	8	7Y-3963	2	TERMINAL					
	9	7Y-3965	2	TUBE					
	10	3S-2093	7	STRAP					
	11	153-2631	2	TERMINAL					
	12	153-2602	2	CONNECTOR					
	13	2L-8066	2	TERMINAL					

H84023E 06

ELECTRICAL AND STARTING SYSTEM

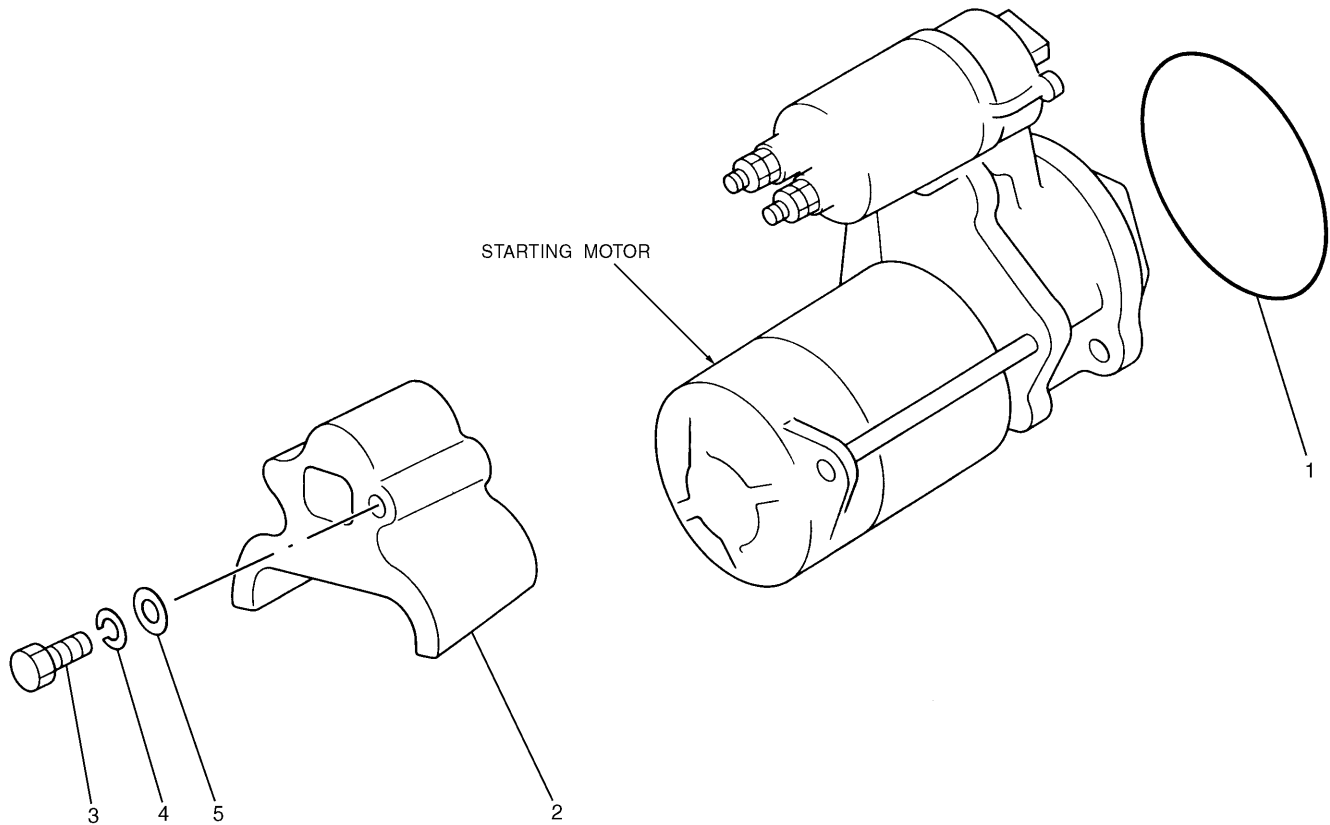


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	106-9618	8	SOCKET					
	2	155-2260	1	PLUG KIT					
	3	3T-4696	1	TERMINAL					
	4	155-2270	5	PLUG KIT					
	5	155-2261	5	WEDGE					
	6	186-3736	5	SOCKET					

H71777E 01

170-6923 HARNESS AS-WIRING
Part of 170-6822-Page135
An Attachment

ELECTRICAL AND STARTING SYSTEM

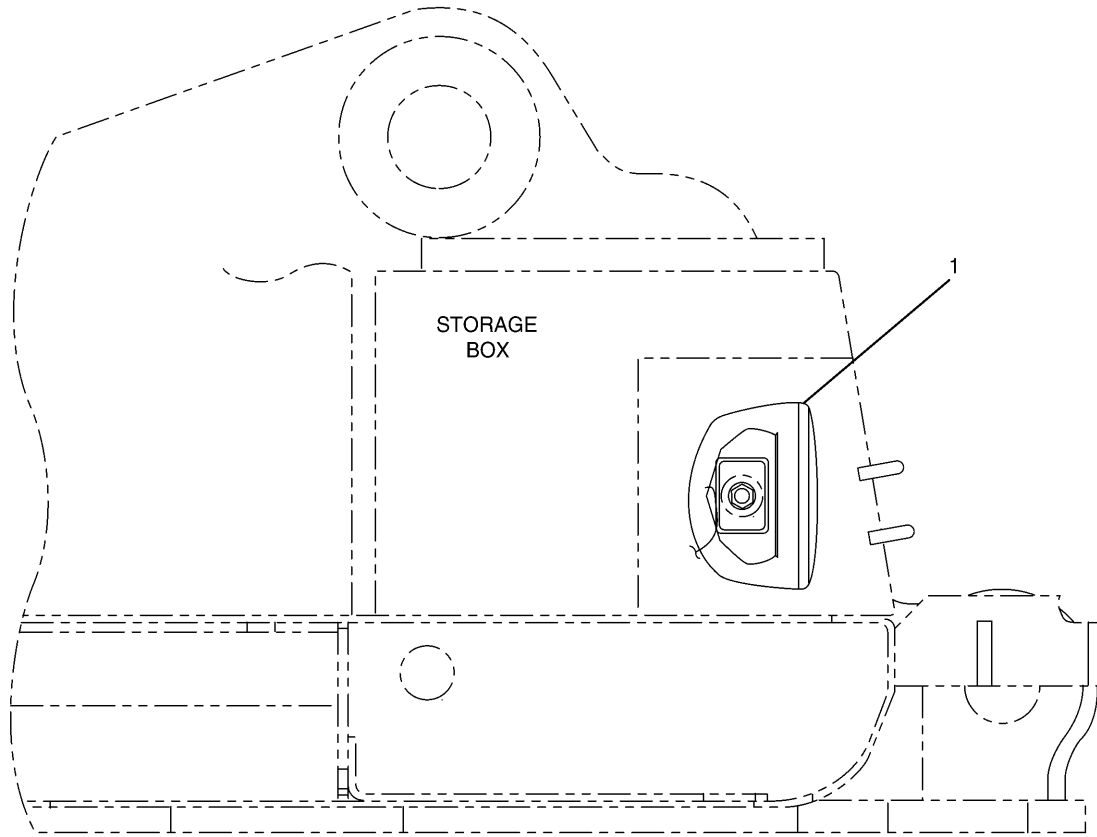


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	51-7599	1	SEAL-O-RING (ID=79.50mm)					
	2	135-2369	1	COVER					
	3	135-2370	1	BOLT (L=25mm)					
	4	3B-4503	1	LOCKWASHER					
	5	8T-0328	1	WASHER					

H78542E 02

125-2963 MOUNTING GP-STARTING MOTOR
Part of 162-6328-Page13

ELECTRICAL AND STARTING SYSTEM



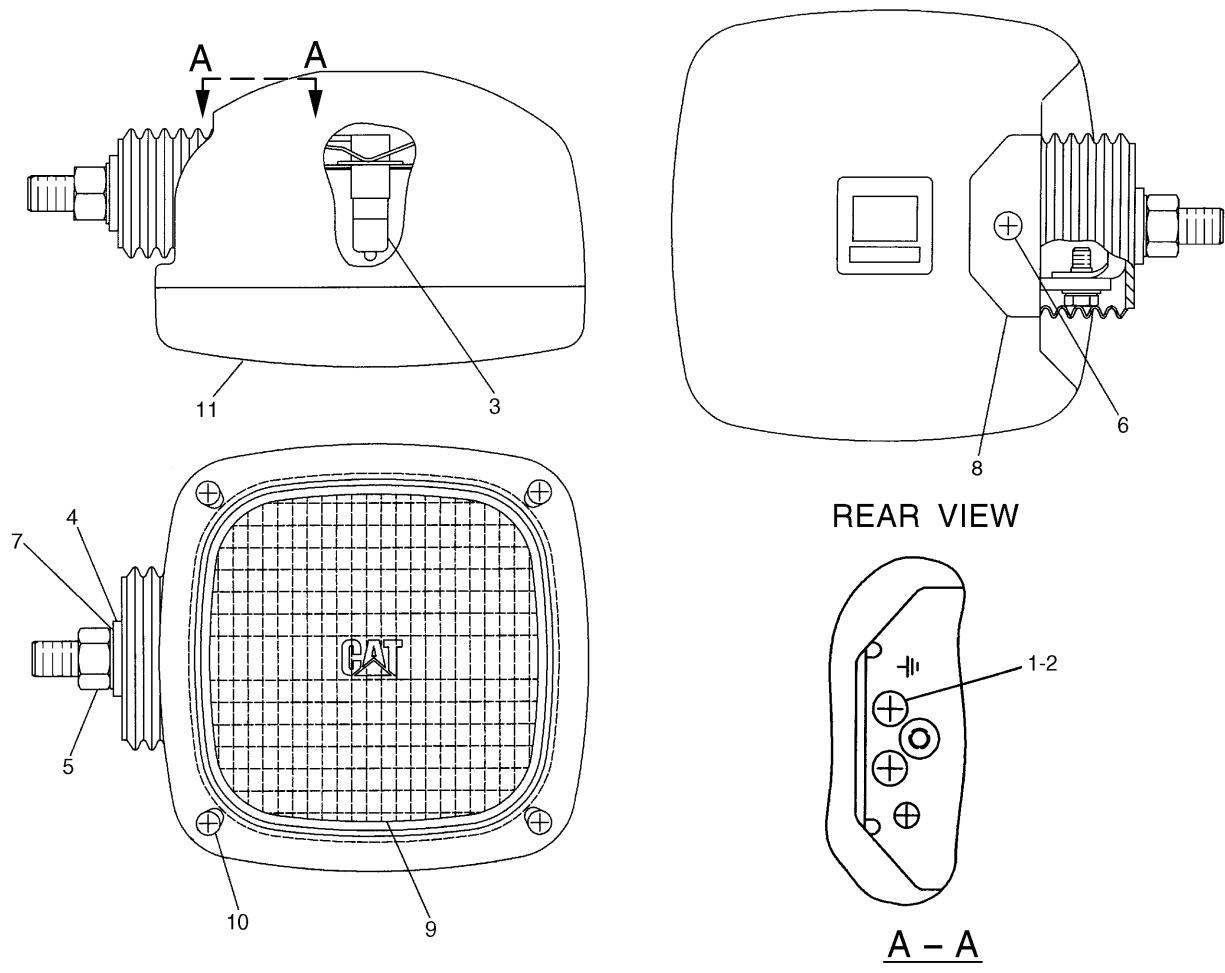
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	153-2523	1	LAMP GP					

Y-SEE SEPARATE ILLUSTRATION

H62242E 03

4I-5409 LIGHTING GP-CHASSIS
153-2523-Page159

ELECTRICAL AND STARTING SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6V-5210	2	SCREW					
	2	3B-4501	2	LOCKWASHER					
	3	9X-3463	1	BULB					
	4	8T-4223	1	WASHER					
	5	8T-4244	1	NUT					
	6	174-7791	1	SCREW					
	7	5C-2889	1	LOCKWASHER					
	8	170-6993	1	COVER					
	9	170-9417	1	LENS AS					
	10	180-3861	4	SCREW					
	11	170-9418	1	BAND					

H66567E 02

153-2523 LAMP GP-FLOOD
Part of 4I-5409-Page151

MEMORANDA

FRAME AND BODY

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8 T - 4 1 9 3	32	BOLT (L=50mm)					
	2	9 X - 8 2 5 7	46	WASHER					
	3	8 T - 7 3 3 8	14	BOLT (L=45mm)					
	4	5 D - 1 0 2 6	1	CLAMP					
	5	1 9 1 - 2 5 4 3	2	PIN					
B	6	1 U - 8 8 4 6		GASKET MAKER... (15ml)					
E	7	5 P - 0 7 6 7		HOSE... (62cm)					
	8	1 1 4 - 1 3 7 4	1	SUPPORT					
	9	8 T - 4 1 9 1	1	BOLT (L=16mm)					
	10	8 T - 4 1 2 1	1	WASHER					

B—USE AS REQUIRED
 E—ORDER BY THE CENTIMETER

H75143E 05

169-5545 FASTENER GP-SWING & FINAL DR

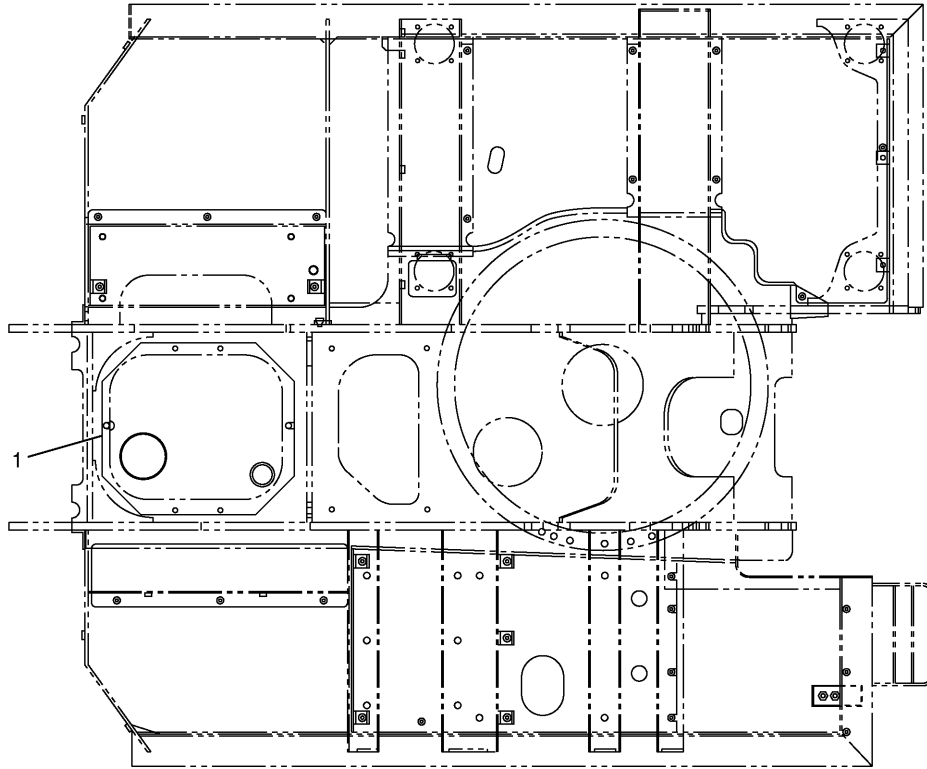
FRAME AND BODY

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8 T - 4 1 9 2	27	BOLT (L=25mm)					
	2	8 T - 4 1 3 9	17	BOLT (L=30mm)					
	3	5 P - 1 0 7 6	44	WASHER					
	4	8 T - 4 1 2 1	2	WASHER					
	5	8 T - 4 1 3 6	2	BOLT (L=25mm)					

H77541E 04

170-2600 HOOD & GUARD GP (5/5)

FRAME AND BODY

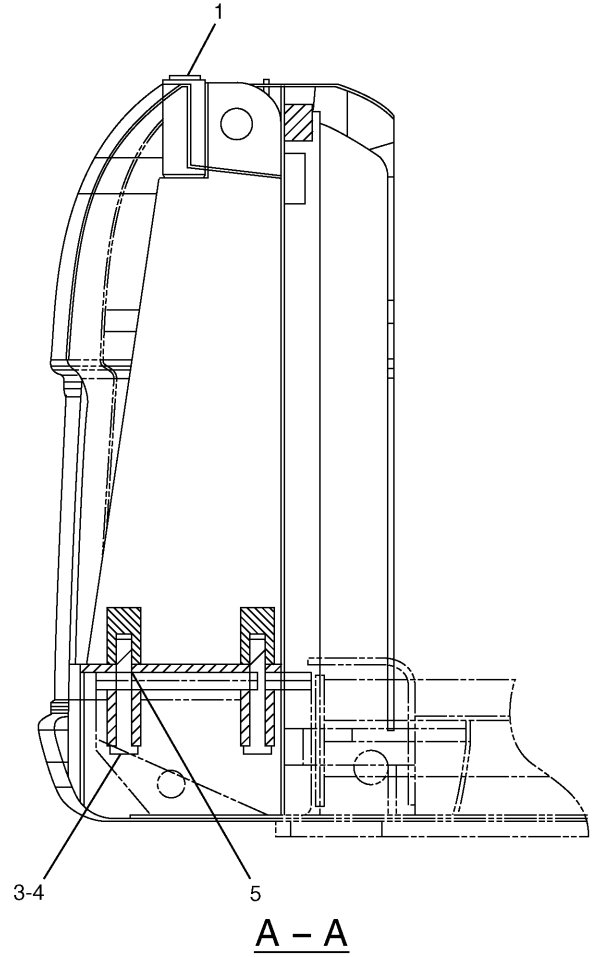
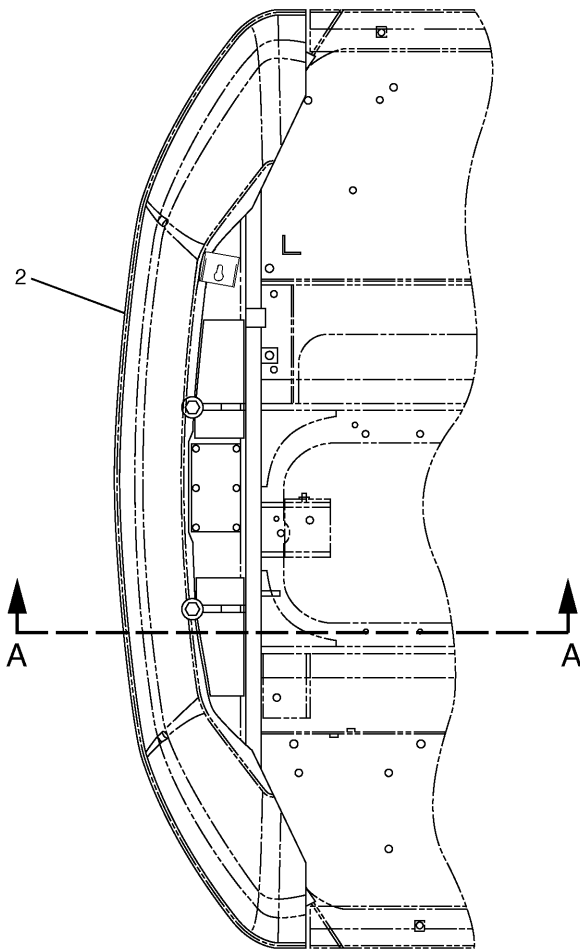


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	184-8210	1	SHEET AS					

H71907E 01

184-8209 GUARD GP-BOTTOM
 Part of 151-1493-Page552,151-1494-Page553,183-1476-Page553.01
 An Attachment

FRAME AND BODY



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	41-0006	2	CAP					
Y	2	170-2597	1	COUNTERWEIGHT GP					
	3	177-5867	4	SPACER					
	4	8T-0671	4	BOLT (L=150mm)					
B	5	1R-7128	4	SHIM (T=1.00mm)					
B		71-0676	4	SHIM (T=1.60mm)					

B—USE AS REQUIRED
 Y—SEE SEPARATE ILLUSTRATION

H81915E 02

170-2595 COUNTERWEIGHT GP
 170-2597-Page208
 An Attachment

FRAME AND BODY

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	121-5204	1	RETAINER					
	2	099-0913	1	CLAMP					
	3	121-5203	1	BOOT					
	4	8T-4136	12	BOLT (L=25mm)					
	5	8T-4121	12	WASHER					
	6	5K-9243	2	ELBOW					
	7	7X-2555	34	BOLT (L=80mm)					
	8	095-1299	1	DOWEL					
	9	8T-4199	2	BOLT (L=12mm)					
	10	4N-9170	2	CLIP					
	11	3B-8489	1	FITTING					
	12	4I-7446	1	GASKET					
	13	4I-7326	1	STRIP					
	14	169-5568	1	TUBE AS					
B	15	1U-8846		GASKET MAKER...(30ml)					
	16	8T-0357	38	BOLT (L=70mm)					
	17	085-9310	38	SPACER					
B	18	1U-8846		GASKET MAKER...(33ml)					
	19	191-2544	34	WASHER					
	20	171-9380	1	GEAR GP					
	21	3B-8489	1	FITTING					
E	22	148-4685		SEAL...(316cm)					
E	23	148-4685		SEAL...(318cm)					

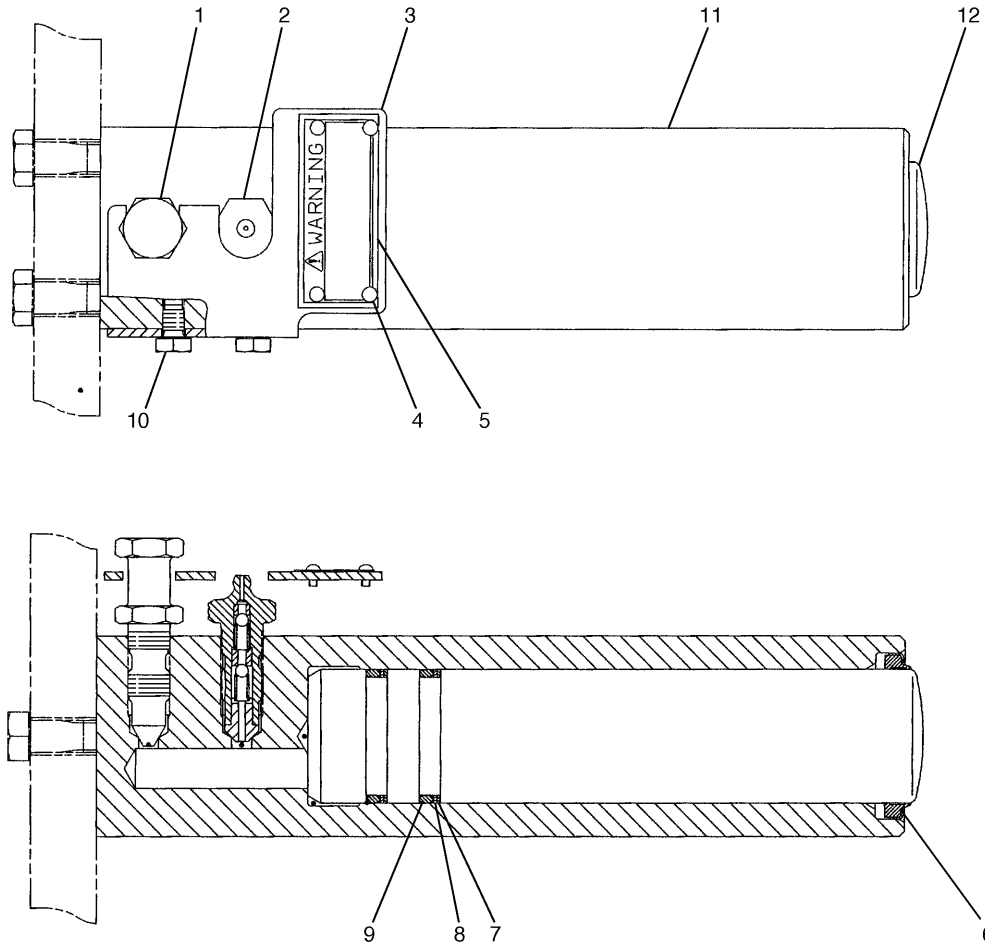
B-USE AS REQUIRED

E-ORDER BY THE CENTIMETER

H75163E 00

199-4573 GEAR & BEARING GP-SWING
 Part of 151-1493-Page552,151-1494-Page553,183-1476-Page553.01
 An Attachment

FRAME AND BODY

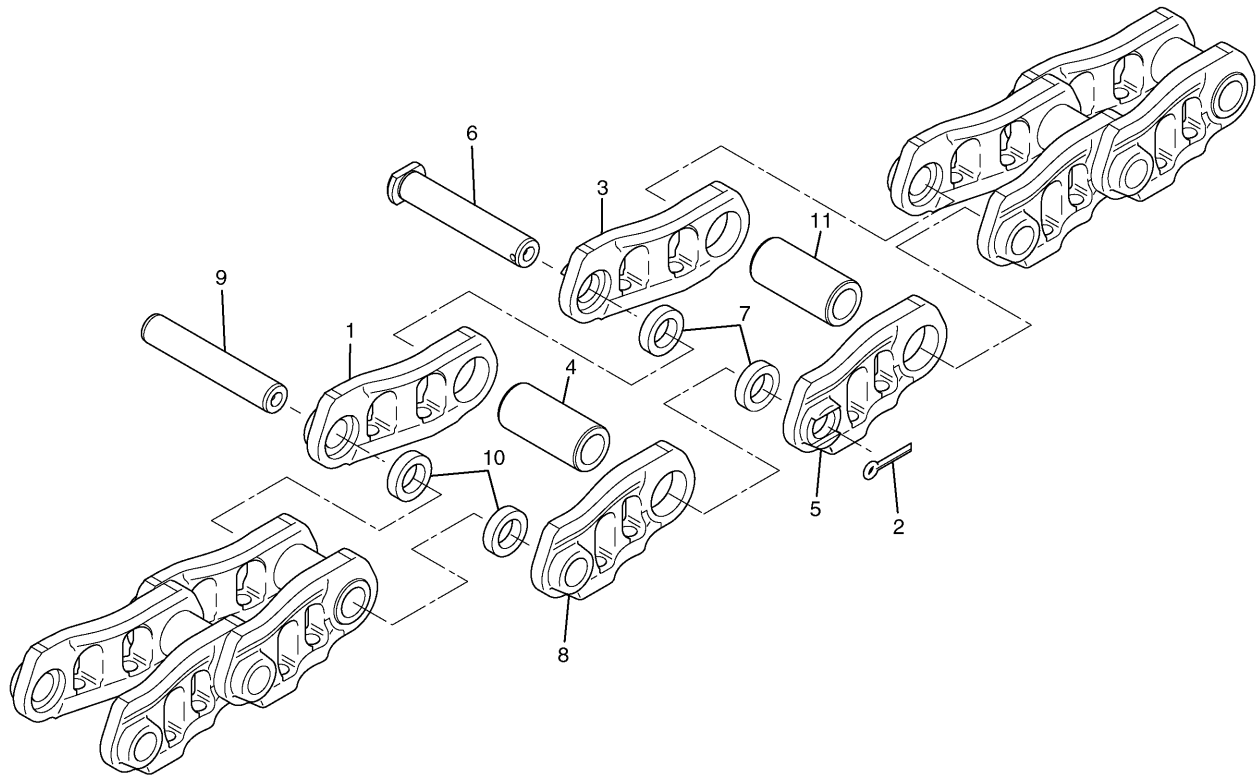


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	2S-5926	1	VALVE (RELIEF)					
	2	095-2927	1	VALVE (FILL)					
	3	108-9122	1	PLATE AS					
	4	4B-4158	4	SCREW					
	5	5P-9891	1	PLATE (WARNING)					
	6	095-7101	1	SEAL					
	7	099-0172	2	RING					
	8	099-0173	2	RING					
	9	095-1607	2	SEAL-O-RING (ID=43.70mm)					
	10	8T-4199	2	BOLT (L=12mm)					
	11	168-6686	1	CYLINDER					
	12	168-6685	1	PISTON					

H71787E 01

168-6684 ADJUSTMENT GP-HYDRAULIC TRACK
Part of 168-6731-Page217

FRAME AND BODY



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	41-7476	42	LINK					
	2	095-0863	1	COTTER					
	3	41-7478	1	LINK					
	4	162-4306	1	BUSHING					
	5	41-7477	1	LINK					
	6	099-0653	1	PIN					
	7	176-4872	2	SEAL					
	8	41-7475	42	LINK					
	9	162-4305	42	PIN					
	10	162-4307	84	SEAL					
	11	162-4304	42	BUSHING					

H71796E 01

176-4870 LINK AS-TRACK

Part of 176-4863,176-4864-Page228,176-4865-Page229,176-4869-Page230

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	179-7468	1	PIPE					
	2	8T-4136	6	BOLT (L=25mm)					
	3	8T-4121	14	WASHER					
	4	175-6177	1	FLANGE AS					
		175-6176	1	SEAL-O-RING (ID=56.00mm)					
		179-7472	1	FLANGE					
	5	2H-3934	1	SEAL-O-RING (ID=98.02mm)					
Y	6	188-4145	1	FILTER GP					
	7	8T-4137	6	BOLT (L=20mm)					
	8	8T-4908	4	BOLT (L=25mm)					
	9	8T-4224	4	WASHER					
Y	10	126-2075	1	FILTER GP					
	11	8T-4194	8	BOLT (L=50mm)					
	12	095-1725	1	SEAL-O-RING (ID=154.30mm)					
	13	4I-3745	1	CAP					
	14	1P-4278	1	CLAMP					
	15	105-2652	1	PLUG					
	16	6C-8496	1	WASHER					
	17	095-1608	1	SEAL-O-RING (ID=44.70mm)					
	18	1H-8278	1	SEAL-O-RING (ID=196.44mm)					
	19	8T-4223	8	WASHER					
	20	202-3792	1	SUPPORT					
	21	6V-0852	1	CAP					
	22	3J-1907	1	SEAL-O-RING (ID=11.89mm)					
	23	6V-3965	1	NIPPLE AS					
	24	8C-3446	1	VALVE					
	25	3J-7354	1	SEAL-O-RING (ID=8.92mm)					
	26	8C-3451	1	CAP					
	27	179-7536	1	COVER AS					
	28	4I-3743	1	FILLER AS					

Y-SEE SEPARATE ILLUSTRATION

H75175E 01

196-0927 TANK & FILTER GP-HYDRAULIC (2/2)

Part of 196-0926-Page233
126-2075-Page256,188-4145-Page260
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	095-7419	4	SCREW					
	2	176-0582	1	BLOCK					
	3	173-1203	1	PUMP GP					
	4	9S-4191	2	PLUG					
	5	3J-1907	2	SEAL-O-RING (ID=11.89mm)					
	6	8T-4139	8	BOLT (L=30mm)					
	7	8T-4137	2	BOLT (L=20mm)					
	8	7X-2553	6	BOLT (L=40mm)					
	9	218-0557	1	PUMP GP					
	10	7I-2272	2	BOLT (L=12mm)					
Y	11	111-9916	1	VALVE GP					
	12	094-1875	4	DOWEL					
Y	13	173-1168	2	HEAD GP					
	14	8T-4121	2	WASHER					
	15	8T-6466	2	BOLT (L=60mm)					
	16	094-1882	11	PLUG					
	17	8T-4140	1	BOLT (L=60mm)					
	18	199-0518	12	SEAL-O-RING (ID=6.80mm)					
	19	176-0581	1	CASE					
	20	8C-3338	2	DOWEL					

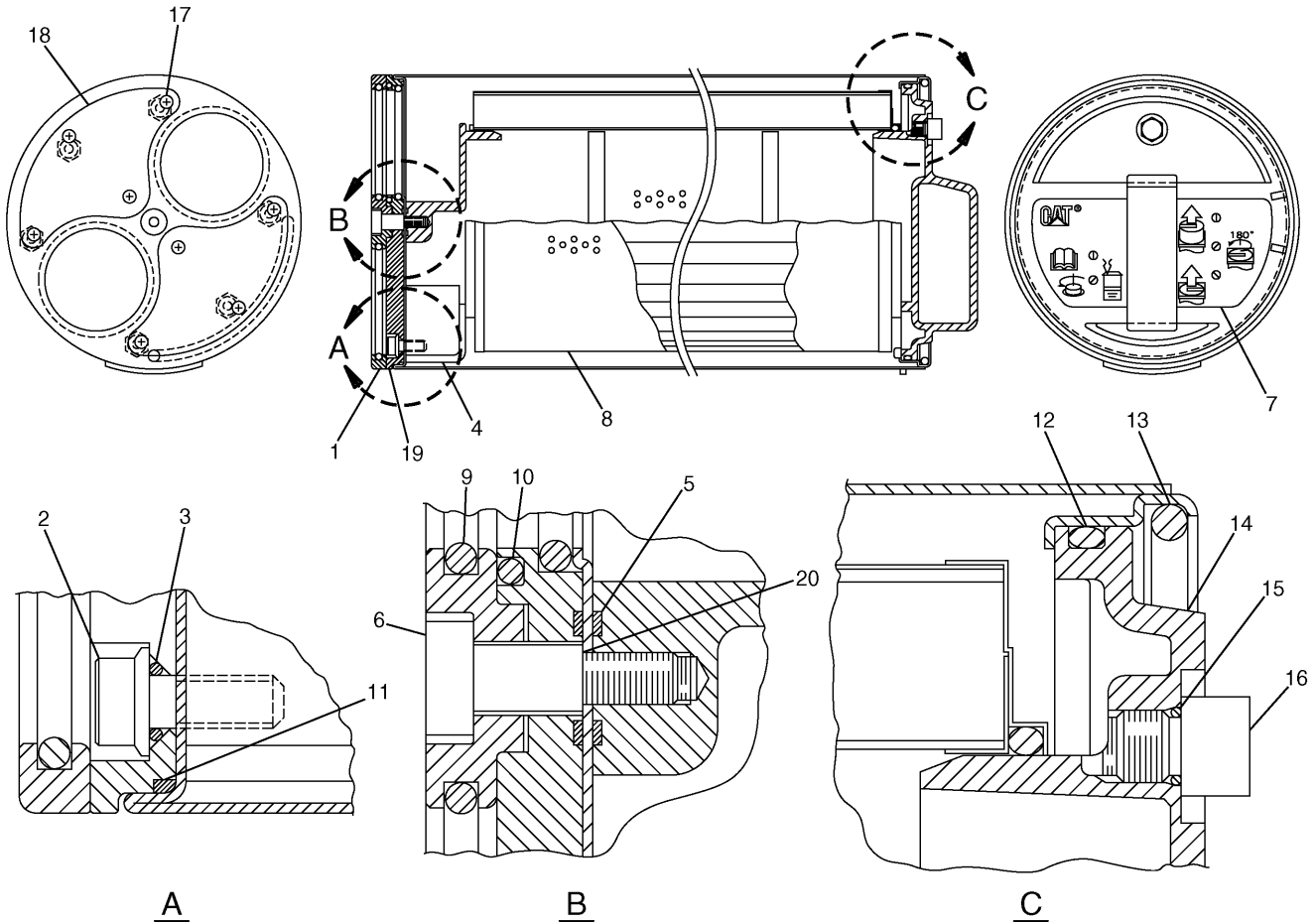
Y-SEE SEPARATE ILLUSTRATION

H81744E 11

183-8289 PUMP GP-MAIN HYDRAULIC (1/2)

Part of 183-8098-Page244
173-1168-Page254,111-9916-Page432
An Attachment

HYDRAULIC SYSTEM

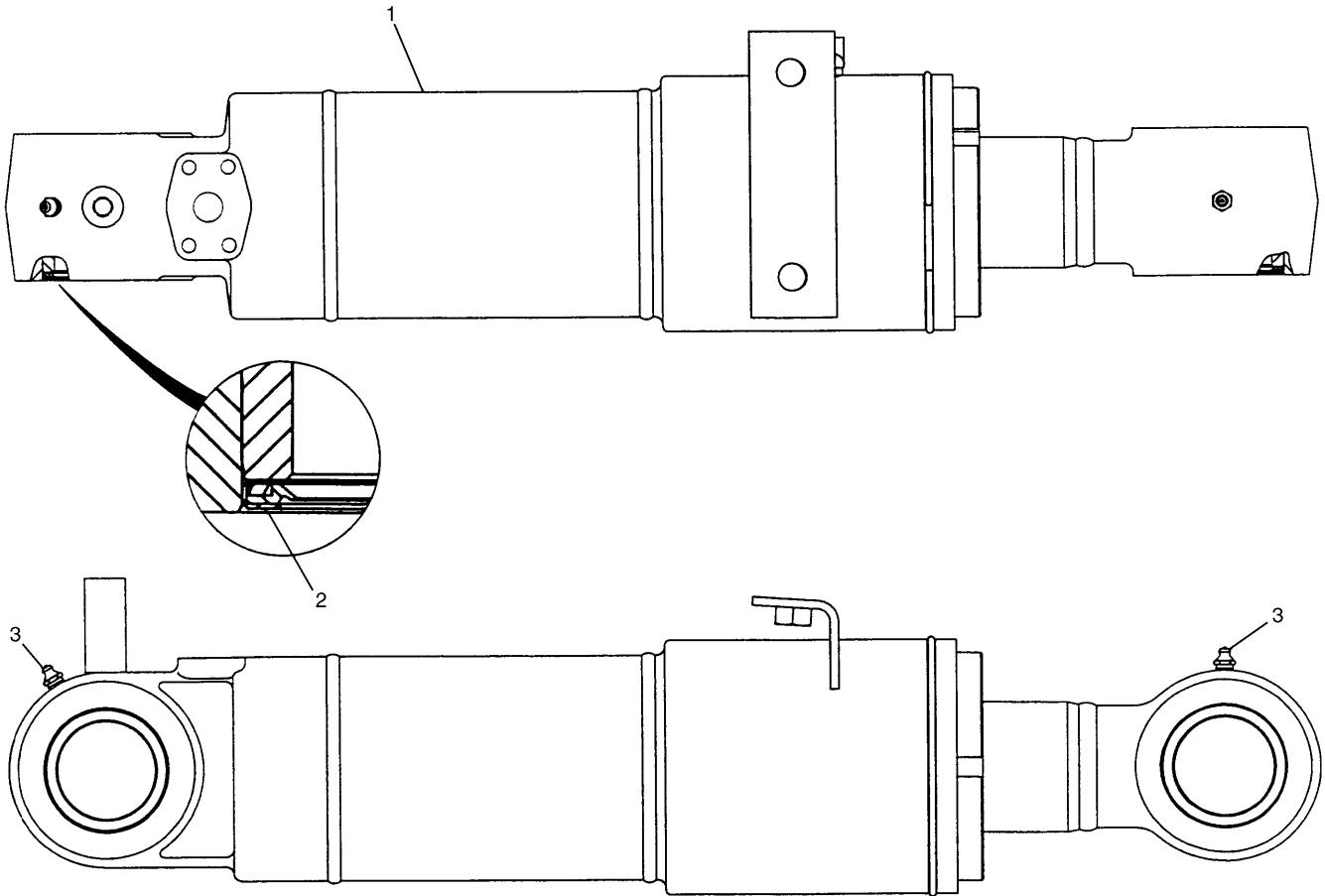


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	173-3512	1	PLATE					
	2	173-3529	6	BOLT (L=15mm)					
	3	3T-7528	6	SEAL-O-RING (ID=5.80mm)					
	4	173-3513	1	BASE					
	5	3E-4297	2	SEAL-O-RING (ID=10.00mm)					
	6	137-3626	1	BOLT					
	7	188-4143	1	FILM (INSTRUCTION)					
	8	179-9806	1	ELEMENT					
	9	137-3623	4	SEAL-O-RING (ID=55.60mm)					
	10	6V-7658	2	SEAL-O-RING (ID=59.40mm)					
	11	177-2553	1	SEAL-O-RING (ID=149.50mm)					
	12	095-1681	1	SEAL-O-RING (ID=144.40mm)					
	13	173-3515	1	RING					
	14	173-3516	1	HANDLE					
	15	4J-7533	1	SEAL-O-RING (ID=6.07mm)					
	16	9S-4180	1	PLUG					
	17	137-3624	8	SCREW					
	18	137-3625	2	PAD					
	19	173-3517	1	PLATE					
	20	137-3628	1	SHIM (T=0.10mm)					

H69246E 00

188-4142 FILTER GP-HYDRAULIC
Part of 188-4145-Page260
An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	170-9809	1	CYLINDER GP					
	2	093-1433	4	SEAL					
	3	3B-8489	2	FITTING					

Y-SEE SEPARATE ILLUSTRATION

H71496E 01

170-9804 CYLINDER & SEAL GP-BLADE
 Part of 165-9425-Page267
 170-9809-Page276
 An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	139-1762	2	HOSE AS		54	187-6912	1	PLATE
	2	139-1765	2	HOSE AS		55	8T-4196	2	BOLT (L=35mm)
	3	179-7874	1	TUBE AS		56	8T-4121	2	WASHER
	4	179-7875	1	TUBE AS		57	8T-4184	1	BOLT (L=45mm)
	5	134-6838	1	GUARD		58	8T-0077	2	CONNECTOR
	6	187-6907	1	HOSE AS		59	6V-9851	1	ELBOW
	7	187-6904	1	HOSE AS					
	8	7K-1181	7	STRAP					
	9	199-1657	1	HOSE AS					
	10	8T-2530	2	ELBOW					
	11	187-7002	1	HOSE AS					
	12	187-7005	1	HOSE AS					
Y	13	185-0506	1	VALVE GP					
	14	6V-8640	1	CONNECTOR					
	15	6V-8642	1	CONNECTOR					
	16	6V-8713	2	CONNECTOR					
	17	6V-3965	1	NIPPLE AS					
	18	199-2046	1	GUARD					
	19	6V-9833	1	CAP AS					
	20	6V-0852	1	CAP					
	21	6V-8722	2	ELBOW					
	22	7J-9108	13	SEAL-O-RING (OD=19.28mm)					
	23	5A-3604	3	BOLT (L=25mm)					
	24	6V-9008	2	ELBOW					
	25	093-1295	3	CLAMP					
	26	8T-4194	2	BOLT (L=50mm)					
	27	8T-4223	4	WASHER					
	28	8T-4224	3	WASHER					
	29	5P-7464	1	CLIP					
	30	5P-7465	1	CLIP					
	31	8T-2920	1	GROMMET					
	32	8T-4139	1	BOLT (L=30mm)					
	33	6V-8778	1	TEE					
	34	8T-0120	1	ELBOW					
	35	3K-0360	6	SEAL-O-RING (ID=16.36mm)					
	36	3D-2824	3	SEAL-O-RING (ID=23.47mm)					
	37	2M-9780	2	SEAL-O-RING (ID=19.18mm)					
	38	6V-9746	2	SEAL-O-RING (OD=22.50mm)					
	39	5K-9090	5	SEAL-O-RING (OD=27.22mm)					
	40	7M-8485	3	SEAL-O-RING (ID=29.74mm)					
Y	41	162-4695	1	SWIVEL GP					
	42	131-9907	1	HOSE AS					
	43	179-7582	2	HOSE AS					
	44	199-1820	1	HOSE AS					
	45	3J-1907	1	SEAL-O-RING (ID=11.89mm)					
	46	7X-0872	1	TEE					
	47	6V-9854	1	ELBOW					
	48	6V-8946	1	REDUCER AS					
	49	196-0737	1	HOSE AS					
	50	196-0733	1	HOSE AS					
	51	187-6900	2	HOSE AS					
	52	194-0391	2	TUBE AS					
	53	6V-8398	7	SEAL-O-RING (OD=16.03mm)					

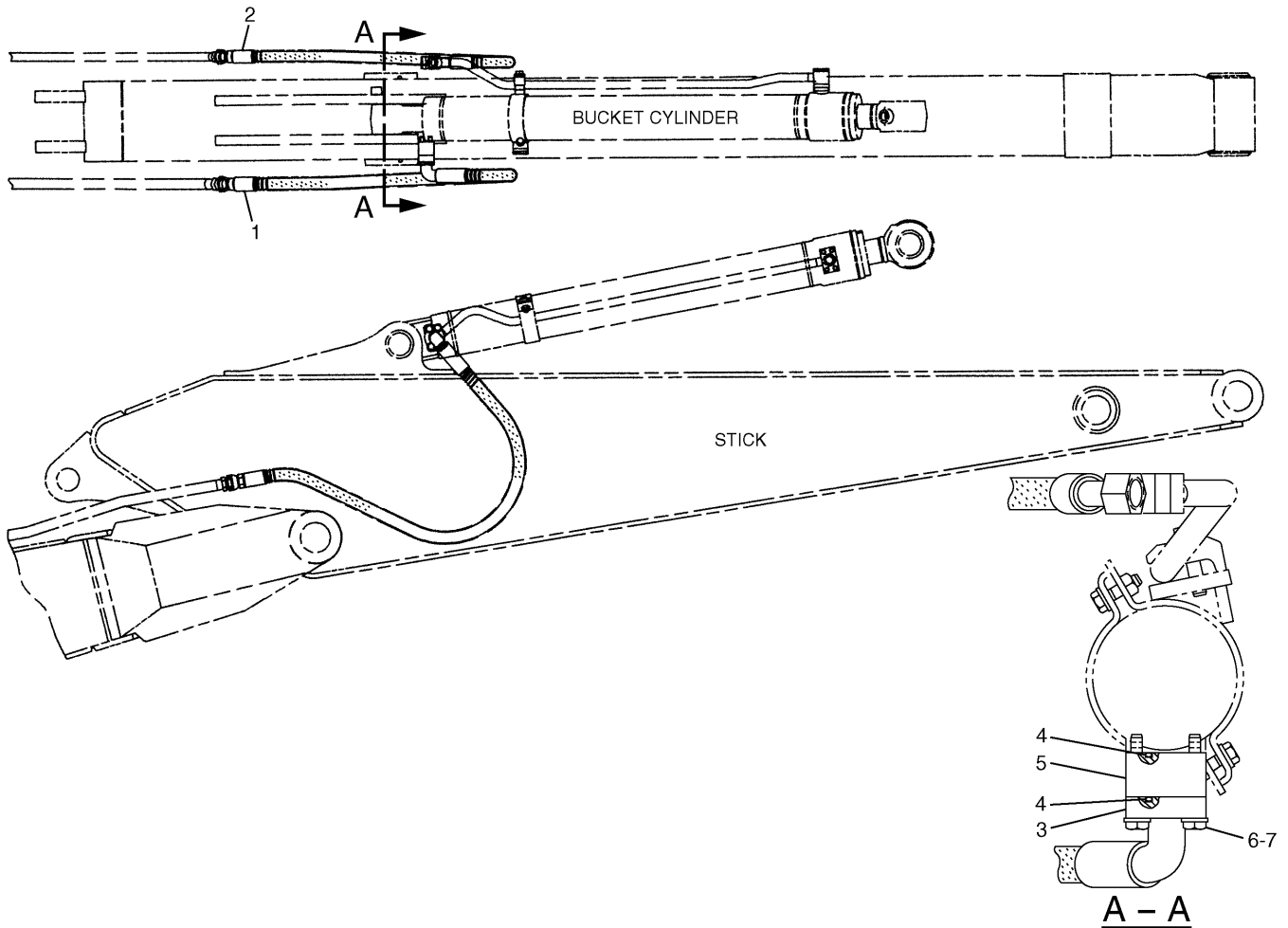
Y-SEE SEPARATE ILLUSTRATION

H77565E 03

196-0475 LINES GP-BLADE CYL & VALVE

Part of 198-2120,198-2121-Page551.03
162-4695-Page380.01,185-0506-Page429.04
An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	104-8999	1	HOSE AS					
	2	124-0838	1	HOSE AS					
	3	1P-4576	2	FLANGE					
	4	4J-5267	2	SEAL-O-RING (ID=24.99mm)					
	5	131-9850	1	BLOCK					
	6	8T-5005	4	BOLT (L=70mm)					
	7	8T-4121	4	WASHER					

H71527E 01

179-7601 LINES GP-STICK
 Part of 151-1489-Page551,194-8988-Page551.01
 An Attachment

HYDRAULIC SYSTEM

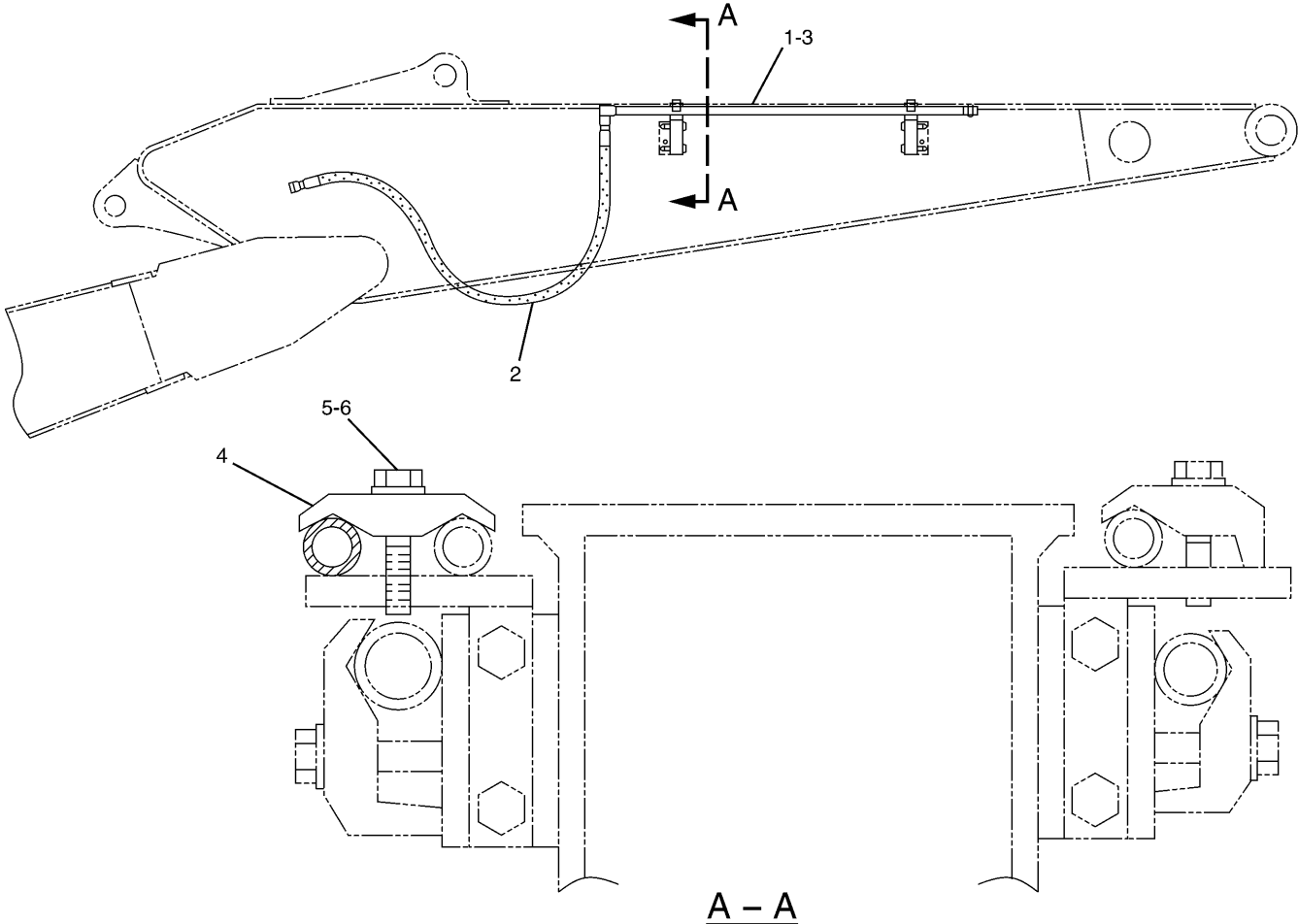
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	132-1567	1	TUBE AS					
	2	132-1568	1	TUBE AS					
	3	146-1321	1	HOSE AS					
E		5P-0201		HOSE...(132cm)					
		5P-1010	2	SLEEVE					
E		6V-0746		GUARD...(179cm)					
		7X-1452	2	STEM AS (STRAIGHT)					
	4	146-1325	1	HOSE AS					
E		5P-0200		HOSE...(133cm)					
		5P-1027	2	SLEEVE					
E		6V-0756		GUARD...(119cm)					
		7X-1451	2	STEM AS (STRAIGHT)					
Y	5	146-1464	2	VALVE AS					
	6	093-1292	2	CLAMP					
	7	093-1293	2	CLAMP					
	8	8T-4196	4	BOLT (L=35mm)					
	9	8T-0342	4	BOLT (L=80mm)					
	10	8T-4648	2	BOLT (L=70mm)					
	11	8T-4910	2	BOLT (L=60mm)					
	12	8T-4956	4	BOLT (L=35mm)					
	13	095-9397	4	LOCKWASHER					
	14	8T-4223	4	WASHER					
	15	1P-3703	2	SEAL					
	16	199-1905	1	SEAL-O-RING (ID=23.66mm)					
	17	199-1904	1	SEAL-O-RING (ID=18.94mm)					
	18	9S-4181	2	PLUG					
	19	7M-8485	2	SEAL-O-RING (ID=29.74mm)					

E—ORDER BY THE CENTIMETER
Y—SEE SEPARATE ILLUSTRATION

H82833E 05

127-6705 LINES GP-AUXILIARY HYDRAULIC
High Pressure Lines/R2.5 Stick
Part of 179-5077-Page293
146-1464-Page448.01
An Attachment

HYDRAULIC SYSTEM



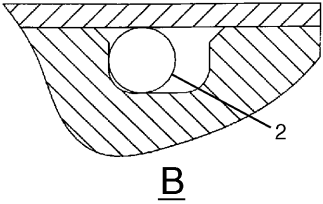
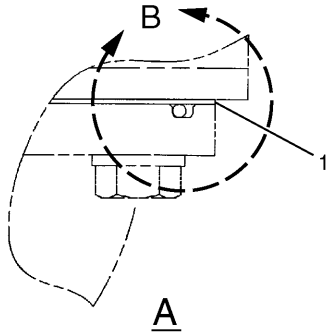
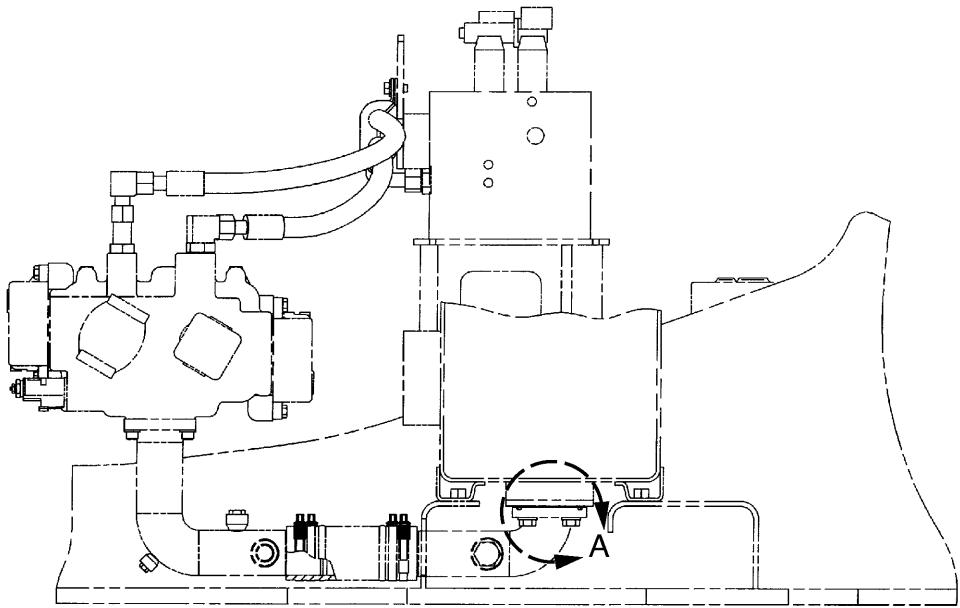
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NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	173-7898	1	TUBE AS					
	2	173-7910	1	HOSE AS					
	3	6V-8398	2	SEAL-O-RING (OD=16.03mm)					
	4	096-5766	2	CLAMP					
	5	8T-4185	2	BOLT (L=50mm)					
	6	8T-4121	2	WASHER					

H71546E 01

179-5082 LINES GP-DRAIN
An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	207-6660	1	GASKET					
	2	5H-8624	1	SEAL-O-RING (ID=94.62mm)					

H79233E 00

207-6681 LINES GP-PUMP
S/N CAE 00636-00738

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	107-6631	3	CONNECTOR		52	170-9335	2	SWITCH AS (PRESSURE)
	2	6V-8636	26	CONNECTOR			126-1768	2	SOCKET
	3	6V-9001	4	ELBOW			155-2270	1	PLUG KIT
	4	6V-8724	10	ELBOW			155-2261	1	WEDGE
	5	8T-1905	3	ELBOW		53	41-3941	2	FITTING AS
	6	6V-8397	62	SEAL-O-RING (OD=12.83mm)		54	168-9759	1	BLOCK
	7	6V-8781	6	TEE		55	185-0383	1	BRACKET
	8	9S-4191	6	PLUG		56	184-9336	3	SUPPORT
Y	9	206-3303	1	VALVE GP (WORKING CONTROL)		57	104-8771	1	HOSE AS (NOM 06, L=2430mm)
Y	10	206-3304	1	VALVE GP (WORKING CONTROL)		58	104-8783	1	HOSE AS (NOM 06, L=2150mm)
Y	11	165-9522	1	VALVE GP (TRAVEL CONTROL)		59	3J-1907	62	SEAL-O-RING (ID=11.89mm)
	12	196-0715	1	BLOCK		60	8T-0075	4	CONNECTOR
	13	6V-7357	6	BOLT (L=25mm)		61	41-0800	1	HOSE AS (NOM 06, L=1300mm)
	14	8T-4136	4	BOLT (L=25mm)					
	15	8T-4137	13	BOLT (L=20mm)					
	16	8T-4198	2	BOLT (L=100mm)					
	17	9X-8256	6	WASHER					
	18	8T-4121	17	WASHER					
	19	184-9283	1	HOSE AS (NOM 06, L=1250mm)					
	20	184-9284	1	HOSE AS (NOM 06, L=1130mm)					
	21	184-9285	2	HOSE AS (NOM 06, L=1230mm)					
	22	184-9286	1	HOSE AS (NOM 06, L=1270mm)					
	23	176-4556	1	HOSE AS (NOM 06, L=1100mm)					
	24	176-4557	1	HOSE AS (NOM 06, L=1170mm)					
	25	176-4558	2	HOSE AS (NOM 06, L=1230mm)					
	26	176-4559	1	HOSE AS (NOM 06, L=1300mm)					
	27	176-4561	2	HOSE AS (NOM 06, L=1170mm)					
	28	104-8768	1	HOSE AS (NOM 06, L=2700mm)					
	29	41-0769	1	HOSE AS (NOM 06, L=2850mm)					
	30	7Y-4193	1	HOSE AS (NOM 06, L=2500mm)					
	31	71-8252	1	HOSE AS (NOM 06, L=2350mm)					
	32	41-3988	1	HOSE AS (NOM 06, L=2250mm)					
	33	41-3991	1	HOSE AS (NOM 06, L=2100mm)					
	34	7Y-4199	3	HOSE AS (NOM 06, L=1800mm)					
	35	110-5499	1	HOSE AS (NOM 06, L=1570mm)					
	36	087-4402	2	HOSE AS (NOM 06, L=480mm)					
	37	41-9521	8	BAND (L1,RED)					
	38	41-9522	8	BAND (L2,YELLOW)					
	39	41-9523	4	BAND (L3,BLUE)					
	40	41-9524	4	BAND (L4,BROWN)					
	41	41-9525	8	BAND (R1,ORANGE)					
	42	41-9526	8	BAND (R2,WHITE)					
	43	41-9527	4	BAND (R3,GREEN)					
	44	41-9528	4	BAND (R4,PURPLE)					
	45	133-5813	4	BAND (PGRAY)					
	46	115-8645	5	GUARD					
	47	7K-1181	19	STRAP					
	48	41-3953	2	GROMMET					
	49	51-4365	1	GROMMET					
	50	51-4366	1	GROMMET					
	51	087-4476	1	GROMMET					

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H81749E 04

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HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8 T-1905	1	ELBOW					
	2	6 V-8724	1	ELBOW					
	3	6 V-8636	3	CONNECTOR					
	4	107-6631	1	CONNECTOR					
	5	6 V-8781	1	TEE					
	6	9 S-4191	1	PLUG					
	7	087-5773	1	HOSE AS (NOM 06, L=1050mm)					
	8	087-4531	1	HOSE AS (NOM 06, L=600mm)					
	9	087-4402	2	HOSE AS (NOM 06, L=480mm)					
	10	4 I-0812	1	HOSE AS (NOM 06, L=2650mm)					
	11	179-7580	1	HOSE AS (NOM 06, L=360mm)					
	12	6 V-8774	1	TEE					
	13	167-3466	2	SWITCH AS (PRESSURE)					
		102-8802	1	RECEPTACLE KIT					
		9 X-3401	2	PIN					
	14	108-7516	1	FITTING					
	15	7 K-1181	5	STRAP					
	16	3 J-1907	10	SEAL-O-RING (ID=11.89mm)					
	17	6 V-8397	10	SEAL-O-RING (OD=12.83mm)					
	18	4 I-9527	4	BAND (R3, GREEN)					
Y	19	185-0462	1	VALVE GP					
	20	8 T-4137	3	BOLT (L=20mm)					
	21	8 T-4121	3	WASHER					

Y-SEE SEPARATE ILLUSTRATION

H77583E 02

168-9542 LINES GP-PILOT
 Part of 165-0963-Page317
 185-0462-Page446
 An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
E	1	199-1689	3	HOSE AS					
		7Y-5074		GUARD... (95cm)					
	2	123-2636	2	HOSE AS					
E	3	179-7464	1	HOSE AS					
		7Y-5074		GUARD... (90cm)					
	4	187-7173	2	HOSE AS					
	5	168-9754	1	TUBE AS					
	6	168-9755	1	TUBE AS					
	7	6V-8637	1	CONNECTOR					
	8	6V-8716	2	CONNECTOR					
	9	6V-8713	2	CONNECTOR					
	10	8T-4648	1	BOLT (L=70mm)					
	11	8T-4223	5	WASHER					
	12	096-4884	1	NUT					
	13	7I-7353	1	PLATE					
	14	8T-4192	2	BOLT (L=25mm)					
	15	8T-4910	1	BOLT (L=60mm)					
	16	7J-9108	6	SEAL-O-RING (OD=19.28mm)					
	17	093-1296	1	CLAMP					
	18	099-5408	1	CLAMP					
	19	8T-0197	1	CONNECTOR					
	20	9F-2167	1	SCREW					
	21	9S-4181	2	PLUG					
	22	7M-8485	5	SEAL-O-RING (ID=29.74mm)					
	23	3D-2824	3	SEAL-O-RING (ID=23.47mm)					
	24	6V-9746	4	SEAL-O-RING (OD=22.50mm)					

E—ORDER BY THE CENTIMETER

H75217E 01

168-9534 LINES GP-FRONT

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	194-0383	1	HOSE AS					
	2	113-6803	1	HOSE AS					
	3	7M-8485	1	SEAL-O-RING (ID=29.74mm)					
	4	4J-0520	1	SEAL-O-RING (ID=32.92mm)					
	5	187-6913	1	FLANGE					
	6	8T-6466	4	BOLT (L=60mm)					
Y	7	201-9367	1	VALVE GP					
Y	8	177-2653	1	VALVE GP					
	9	179-7708	1	TUBE AS					
	10	6V-9853	1	ELBOW					
	11	5K-9090	2	SEAL-O-RING (OD=27.22mm)					
	12	8T-4121	2	WASHER					
	13	194-0381	1	BLOCK					
	14	184-9390	1	SUPPORT AS					
	15	8T-4192	2	BOLT (L=25mm)					
	16	8T-4223	10	WASHER					
	17	095-9804	8	BOLT (L=110mm)					
	18	1P-3703	3	SEAL					
	19	8T-0197	1	CONNECTOR					
	20	8T-4176	4	BOLT (L=90mm)					
	21	099-8232	1	SEAL-O-RING (ID=28.24mm)					
	22	6V-9839	1	TEE					
	23	6V-9746	4	SEAL-O-RING (OD=22.50mm)					
	24	7Y-4868	2	CLIP					
	25	8T-4195	2	BOLT (L=30mm)					

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H81750E 01

168-9543 LINES GP-FRONT (1/2)
 Part of 179-5071-Page318,165-0976-Page319
 177-2653-Page426,201-9367-Page437
 An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8 T - 4 1 3 9	4	BOLT (L=30mm)					
	2	1 7 9 - 7 7 0 5	1	SUPPORT AS					
	3	1 7 9 - 7 7 0 6	1	SUPPORT AS					
	4	1 7 9 - 7 7 0 4	1	BLOCK					
	5	8 T - 4 2 2 3	12	WASHER					
	6	0 9 5 - 9 8 0 4	4	BOLT (L=110mm)					
	7	1 P - 3 7 0 3	2	SEAL					
	8	1 7 9 - 7 6 6 2	1	COVER					
	9	8 T - 0 1 9 8	1	CONNECTOR					
	10	9 S - 4 1 8 3	1	PLUG					
	11	8 T - 4 9 5 6	4	BOLT (L=35mm)					
	12	6 V - 9 0 0 7	2	ELBOW					
	13	8 T - 4 1 8 3	4	BOLT (L=40mm)					
	14	6 V - 8 7 1 6	2	CONNECTOR					
Y	15	1 9 7 - 0 2 2 3	2	VALVE GP					
	16	6 V - 9 7 4 6	4	SEAL-O-RING (OD=22.50mm)					
	17	7 M - 8 4 8 5	3	SEAL-O-RING (ID=29.74mm)					
	18	5 K - 9 0 9 0	1	SEAL-O-RING (OD=27.22mm)					
	19	3 D - 2 8 2 4	3	SEAL-O-RING (ID=23.47mm)					

Y-SEE SEPARATE ILLUSTRATION

H81766E 01

196-0460 LINES GP-FRONT (2/2)
 Part of 200-6637-Page319.01,165-0967-Page319.02
 197-0223-Page423
 An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	087-4432	1	HOSE AS					
	2	4J-0522	7	SEAL-O-RING (ID=37.69mm)					
	3	8T-4137	2	BOLT (L=20mm)					
	4	7M-8485	2	SEAL-O-RING (ID=29.74mm)					
Y	5	171-0002	1	VALVE GP					
	6	8T-5005	4	BOLT (L=70mm)					
	7	8T-4183	4	BOLT (L=40mm)					
	8	194-0202	1	PIPE					
	9	4J-0527	3	SEAL-O-RING (ID=56.74mm)					
	10	7X-7729	10	WASHER					
	11	1P-4578	8	FLANGE					
	12	8T-4196	16	BOLT (L=35mm)					
	13	8T-4121	22	WASHER					
	14	194-0201	1	PIPE AS					
	15	115-8782	1	HOSE					
	16	8T-6703	2	CLAMP					
	17	8T-4195	8	BOLT (L=30mm)					
	18	9S-4181	2	PLUG					
	19	173-4739	1	HOSE AS					
	20	196-0920	1	PIPE AS					
	21	179-7624	1	SUPPORT					
	22	187-7103	1	SUPPORT AS					
	23	8T-4136	2	BOLT (L=25mm)					
	24	179-7638	2	SWIVEL GP					
	25	8T-4176	8	BOLT (L=90mm)					
	26	187-7102	1	SUPPORT AS					
	27	196-0919	1	PIPE AS					
	28	9X-6032	4	BOLT (L=30mm)					

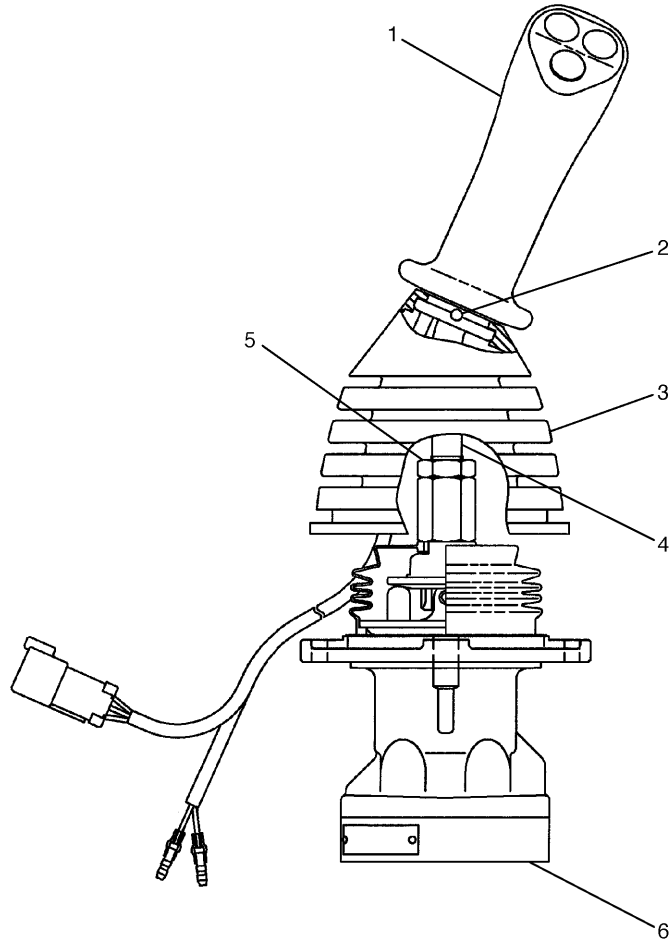
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H75227E 02

168-9535 LINES GP-RETURN & FILTER (2/2)
171-0002-Page436

MEMORANDA

HYDRAULIC SYSTEM



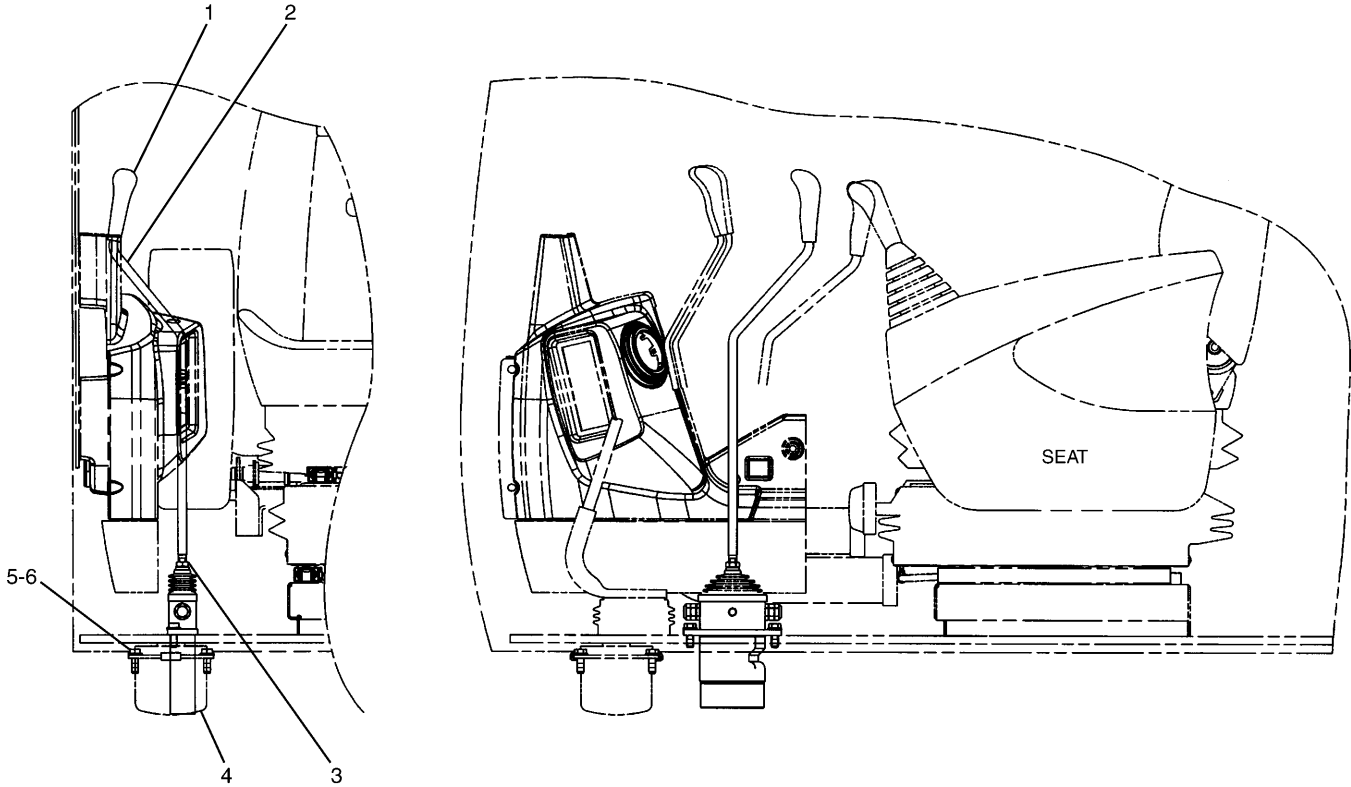
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	187-9975	1	KNOB AS					
		102-8805	1	RECEPTACLE KIT					
		7Y-3962	2	TERMINAL					
		7Y-3964	2	TUBE					
		180-9339	6	PIN					
	2	139-0922	1	PIN					
	3	187-9908	1	BOOT					
	4	149-1572	1	LEVER					
	5	7Y-8463	1	NUT					
Y	6	165-9569	1	VALVE GP					

Y-SEE SEPARATE ILLUSTRATION

H79754E 00

187-9973 VALVE GP-PILOT
 Part of 165-0989-Page166
 165-9569-Page440
 An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	110-5602	1	KNOB					
	2	189-2786	1	LEVER					
	3	096-6331	1	NUT					
Y	4	165-9582	1	VALVE GP					
	5	8T-4136	2	BOLT (L=25mm)					
	6	8T-4121	2	WASHER					

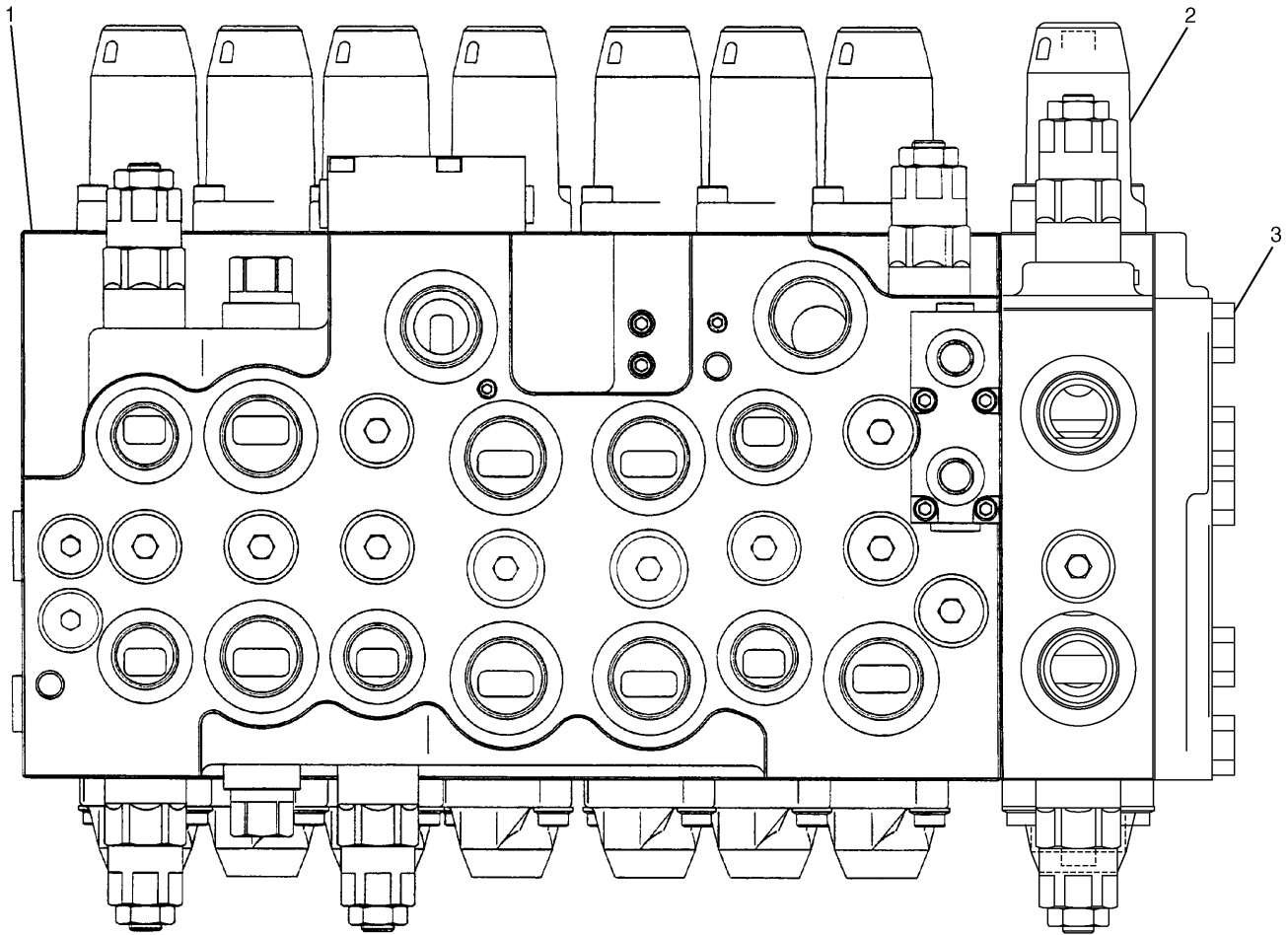
Y-SEE SEPARATE ILLUSTRATION

H71804E 01

171-7372 CONTROL GP-BLADE

Part of 151-1493-Page552,151-1494-Page553,183-1476-Page553.01
165-9582-Page390
An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	171-0016	1	VALVE GP					
Y	2	171-0006	1	VALVE GP					
	3	177-2768	5	BOLT (L=105mm)					

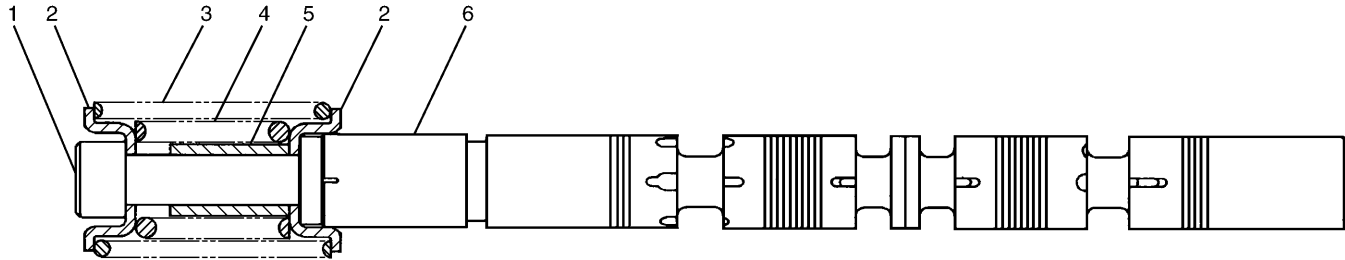
Y-SEE SEPARATE ILLUSTRATION

H75236E 01

197-0200 VALVE & MOUNTING GP

Part of 165-0963-Page317,179-5071-Page318,165-0976-Page319
171-0016-Page402,171-0006-Page433
An Attachment

HYDRAULIC SYSTEM

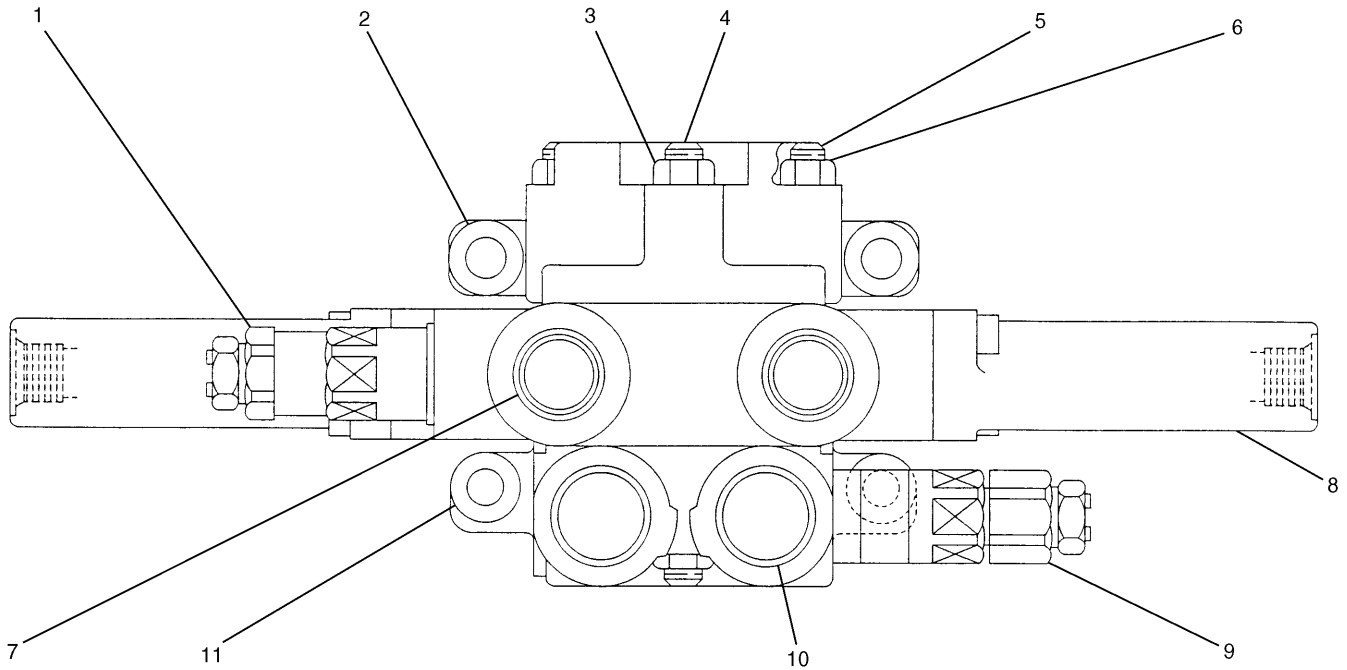


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	197-0148	1	BOLT					
	2	71-7203	2	SEAT					
	3	197-0152	1	SPRING					
	4	197-0150	1	SPRING					
	5	197-0149	1	STOPPER					
	6	197-0214	1	SPOOL					

H72154E 00

197-0213 VALVE GP-CONTROL
Part of 171-0016-Page407

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	125-7193	1	VALVE GP					
		2M-9780	1	SEAL-O-RING (ID=19.18mm)					
	2	099-3990	1	BODY					
	3	1R-6484	2	NUT					
	4	093-3093	1	ROD					
	5	093-3094	2	ROD					
	6	095-6636	4	NUT					
	7	71-0135	2	PLUG					
Y	8	122-5400	1	VALVE GP					
	9	125-7192	1	VALVE GP					
		2M-9780	1	SEAL-O-RING (ID=19.18mm)					
	10	71-0134	2	PLUG					
	11	122-5399	1	BODY					

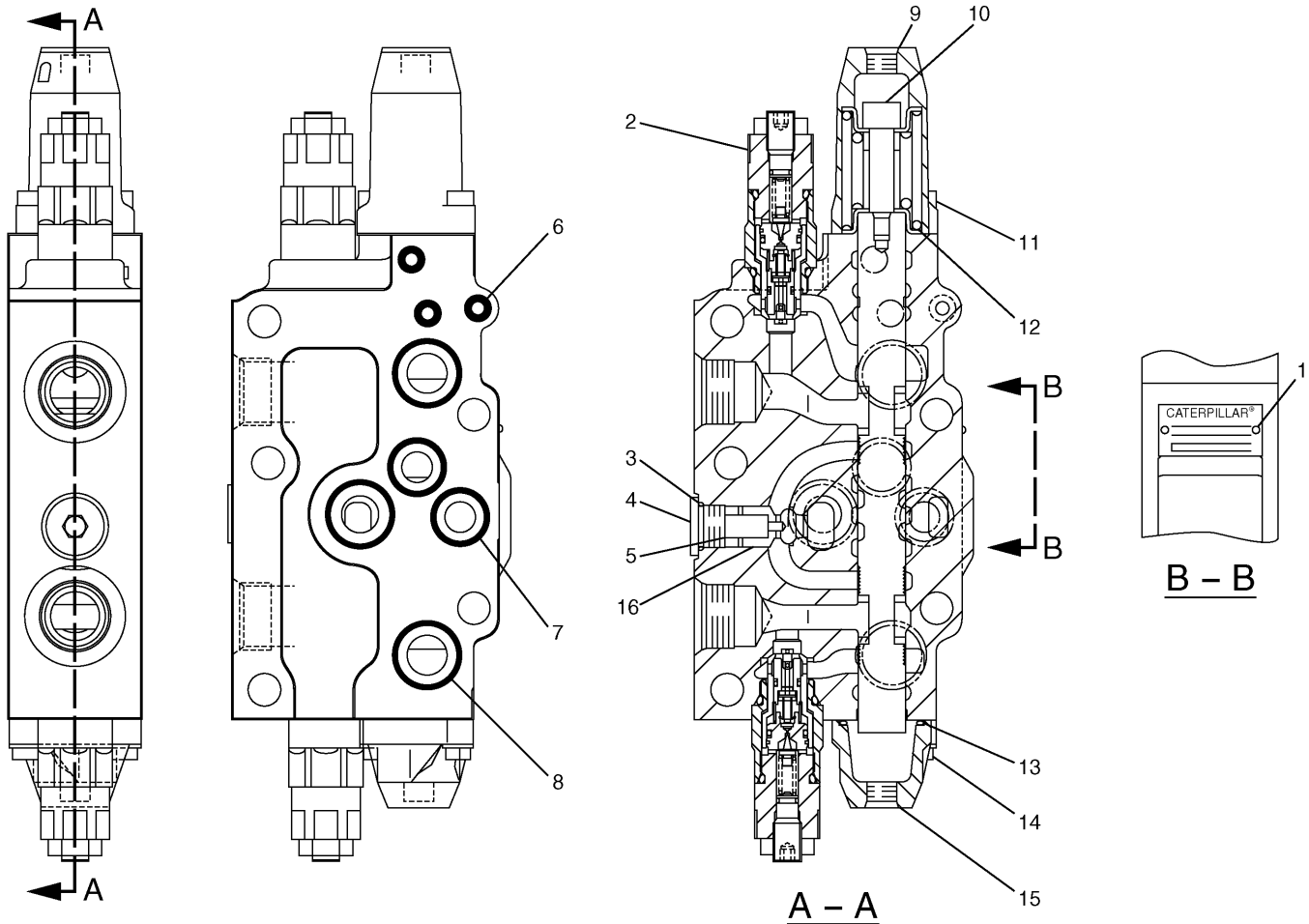
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H51350E 02

122-5373 VALVE GP-CONTROL

Part of 168-9555-Page285
122-5400-Page430
An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5B-9304	2	SCREW					
Y	2	197-0223	2	VALVE GP					
	3	095-1586	1	SEAL-O-RING (ID=19.80mm)					
	4	71-7206	1	PLUG					
	5	71-7207	1	SPRING					
	6	095-1578	3	SEAL-O-RING (ID=9.80mm)					
	7	095-1696	2	SEAL-O-RING (ID=24.40mm)					
	8	095-1698	3	SEAL-O-RING (ID=29.40mm)					
	9	197-0170	1	COVER					
Y	10	197-0173	1	VALVE GP					
	11	5A-3604	2	BOLT (L=25mm)					
	12	71-7204	1	SEAL-O-RING (ID=35.80mm)					
	13	095-1700	1	SEAL-O-RING (ID=34.40mm)					
	14	197-0165	2	BOLT					
	15	197-0168	1	COVER					
	16	71-7208	1	VALVE					

Y-SEE SEPARATE ILLUSTRATION

H72136E 02

171-0006 VALVE GP-CONTROL
 Part of 197-0201-Page398,197-0200-Page399
 197-0173-Page414,197-0223-Page423
 An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	9S-8005	3	PLUG					
	2	197-0273	1	SPRING					
	3	197-0199	1	SPRING					
Y	4	121-1491	3	VALVE GP					
	5	3K-0360	3	SEAL-O-RING (ID=16.36mm)					
	6	71-2272	6	BOLT (L=12mm)					
	7	7M-7410	2	PLUG					
	8	197-0196	1	VALVE					
	9	8T-6759	6	PLUG					
	10	4B-4158	2	SCREW					

Y-SEE SEPARATE ILLUSTRATION

H74549E 04

158-8251 VALVE GP-SELECTOR
 Part of 168-9538-Page323
 121-1491-Page435

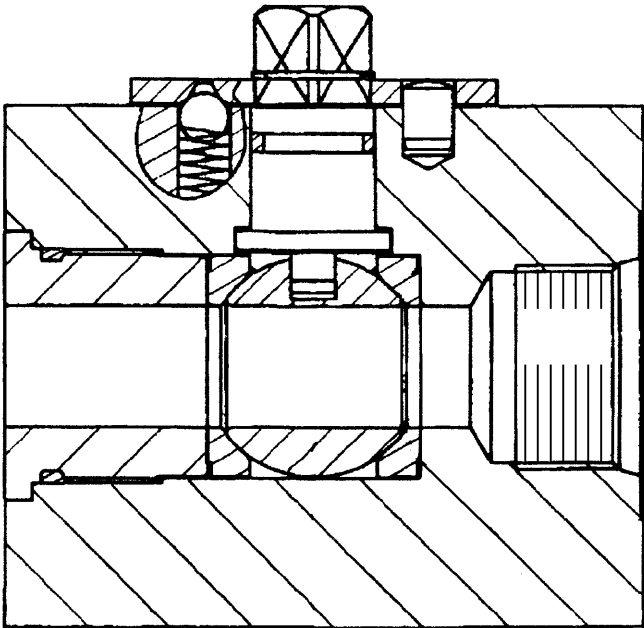
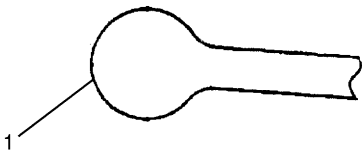
HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	201-9285	1	SEAT					
	2	095-1573	1	SEAL-O-RING (ID=5.80mm)					
	3	201-9287	1	SPRING					
	4	201-9291	1	VALVE					
	5	095-1590	1	SEAL-O-RING (ID=21.80mm)					
	6	71-8084	6	PLUG					
	7	5B-9304	2	SCREW					
	8	201-9283	1	SEAT AS					
	9	201-9293	1	PLUG					
	10	095-1584	3	SEAL-O-RING (ID=15.80mm)					
	11	201-9284	1	PISTON					
	12	71-7235	1	PLUG					
	13	095-1592	2	SEAL-O-RING (ID=23.70mm)					
	14	201-9292	1	VALVE AS					
	15	201-9288	1	SPRING					
	16	201-9294	1	PLUG					
	17	201-9296	1	PLUG					
	18	201-9289	1	SPRING					
	19	095-1589	1	SEAL-O-RING (ID=21.70mm)					
	20	201-9286	1	SPOOL AS					
	21	201-9295	1	PLUG					
	22	201-9330	1	NUT					
	23	201-9331	1	SCREW					

H86455E 01

190-7830 VALVE GP-PILOT
 Part of 168-9560-Page279.02
 An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	119-9447	1	HANDLE					

H84240E 00

230-0363 VALVE AS-BALL
 Part of 146-1464-Page448.01
 An Attachment

OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	167-6976	1	HATCH GP					
Y	2	189-2768	1	DOOR GP					
Y	3	139-7101	1	WINDOW GP					
	4	8T-4121	6	WASHER					
Y	5	171-7408	1	WIPER GP					
Y	6	176-1958	1	WINDOW GP					
Y	7	185-8277	1	CAB GP					
Y	8	176-1981	1	CAB GP					
Y	9	185-8279	1	WINDOW GP					
	10	8T-4136	6	BOLT (L=25mm)					

Y-SEE SEPARATE ILLUSTRATION

H71007E 04

171-7346 CAB GP (BASIC)

Part of 171-7345-Page450,189-3446-Page452

176-1981-Page462,185-8277-Page466,189-2768-Page470,167-6976-Page474,139-7101-Page476,185-8279-Page482
,176-1958-Page483,171-7408-Page484

An Attachment

OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	1R-5998	2	LOCKWASHER		54	085-6452	2	WASHER
	2	3B-4510	1	LOCKWASHER		55	164-0664	1	BRACKET
	3	4B-4278	3	WASHER		56	176-1941	1	PIN
	4	4I-1205	2	BUMPER		57	185-8280	1	WASHER
	5	4I-1206	2	GUIDE		58	185-8281	1	SPRING
	6	4I-1278	1	FILTER					
	7	4I-3063	1	SPRING					
	8	4I-3144	2	WASHER					
	9	4I-4270	1	HOLDER					
	10	4I-4392	3	CLIP					
	11	5C-7793	1	HOOK					
E	12	6I-5470		SEAL... (150cm)					
	13	6V-7636	4	PIN AS					
	14	8T-4133	5	NUT					
	15	099-0823	3	SCREW					
	16	099-7127	2	SCREW					
	17	8T-4200	3	BOLT (L=16mm)					
	18	127-0580	2	SCREW					
	19	139-7126	1	HOLDER					
	20	139-7127	1	HOLDER					
	21	156-6596	1	HANDLE AS					
	22	156-6599	1	STRIKER					
	23	156-6617	1	MIRROR					
	24	156-6618	1	SUPPORT AS					
	25	161-3660	1	BRACKET AS					
	26	161-3685	1	ROD					
	27	161-3690	1	HANDLE AS					
	28	161-3697	1	GUARD					
	29	164-0523	1	LEVER AS					
	30	164-0527	1	ROD					
	31	156-6642	1	LEVER AS					
	32	167-7042	2	SEAL					
	33	171-7396	1	COVER AS					
	34	171-7426	1	CABLE AS					
	35	176-1938	1	LEVER					
	36	176-1942	1	COVER					
	37	176-1973	1	LATCH AS					
	38	189-2894	2	BOLT					
	39	176-1986	1	LIGHT					
	40	178-5570	2	GROMMET					
	41	133-8016	1	PACKING					
	42	3E-8020	3	SCREW					
	43	8T-4137	2	BOLT (L=20mm)					
	44	7X-0578	2	WASHER					
	45	8T-4193	1	BOLT (L=50mm)					
	46	9X-2041	3	SCREW					
	47	9X-2042	5	SCREW					
	48	9X-2044	5	SCREW					
	49	9X-2045	2	SCREW					
	50	9X-2046	4	SCREW					
	51	9X-8257	1	WASHER					
	52	8T-4224	6	WASHER					
	53	176-1937	1	BRACKET AS					

E--ORDER BY THE CENTIMETER

H70414E 01

185-8277 CAB GP-EXTERIOR

Part of 139-7092-Page455,171-7346-Page457,164-0556-Page459
An Attachment

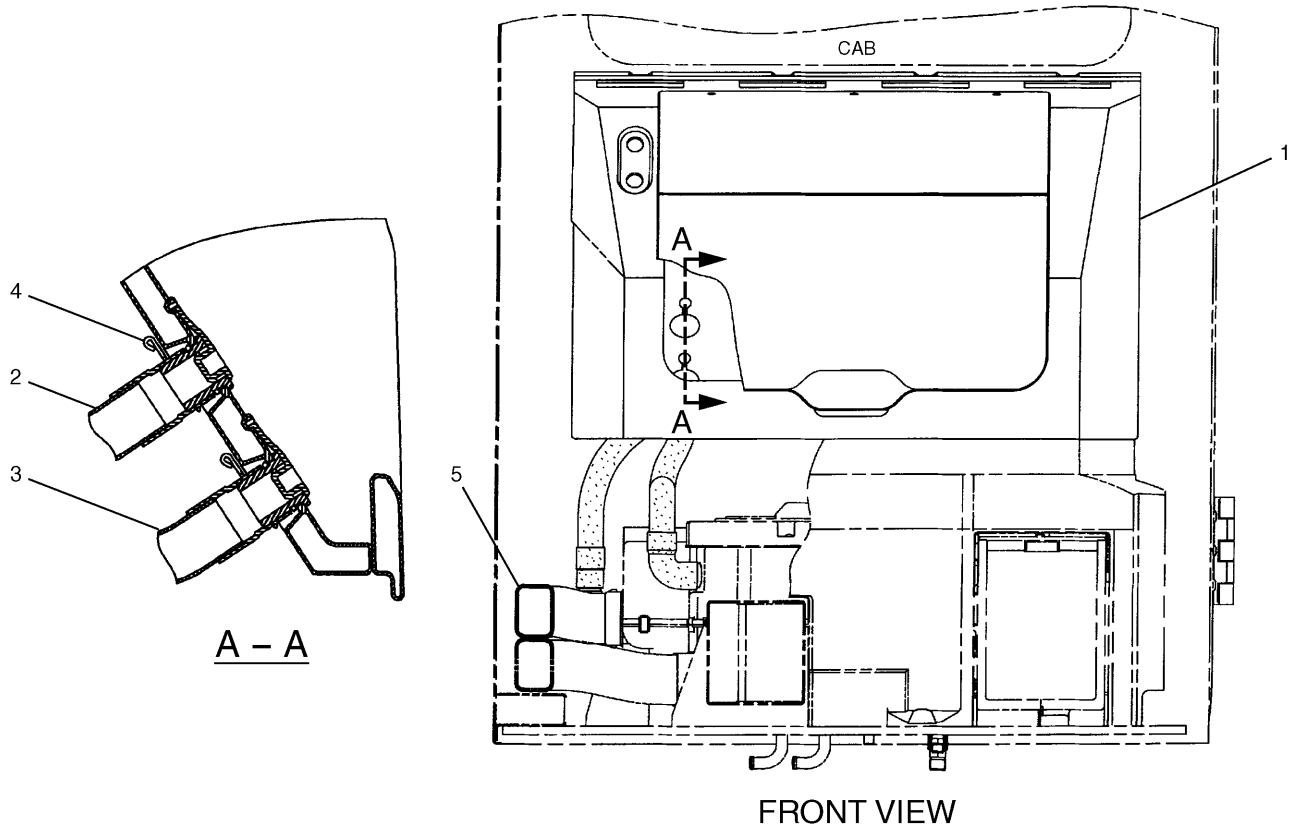
OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	117-6306	1	SWITCH					
	2	151-6703	1	HANDLE					
	3	151-6704	2	CAP					
	4	095-0827	2	LOCKWASHER					
	5	151-6785	1	BRACKET AS					
	6	151-6813	1	BRACKET AS					
	7	151-6815	1	BRACKET AS					
	8	151-6818	1	LINK AS					
	9	151-6819	1	LINK AS					
	10	151-6831	1	LOCK AS					
	11	151-6832	1	LEVER AS					
	12	151-6844	1	COVER					
	13	151-9557	2	STOPPER					
	14	156-6472	1	GLASS					
	15	156-6554	1	CABLE AS					
	16	156-6555	1	STRIKER AS					
	17	156-6562	1	BRACKET					
	18	156-6563	1	CATCH AS					
	19	156-6579	1	STOPPER					
	20	156-6601	1	SEAL AS					
		156-6602	1	SEAL					
		156-6603	20	CLIP					
	21	156-6627	1	STOPPER AS					
	22	161-3684	2	STOPPER					
	23	161-3698	1	SEAL					
	24	164-0648	1	BRACKET AS					
	25	170-9722	1	CUSHION					
	26	099-0823	2	SCREW					
	27	095-0742	2	SCREW					
	28	151-9576	4	ROLLER					
	29	5C-8312	1	NUT					
	30	6V-5210	2	SCREW					
	31	6V-5683	2	BOLT (L=16mm)					
	32	8T-4121	4	WASHER					
	33	8T-4137	4	BOLT (L=20mm)					
	34	9X-2042	18	SCREW					
	35	9X-2044	5	SCREW					
	36	9X-2045	4	SCREW					

H70123E 02

139-7101 WINDOW GP
 Part of 139-7092-Page455,171-7346-Page457
 An Attachment

OPERATOR STATION



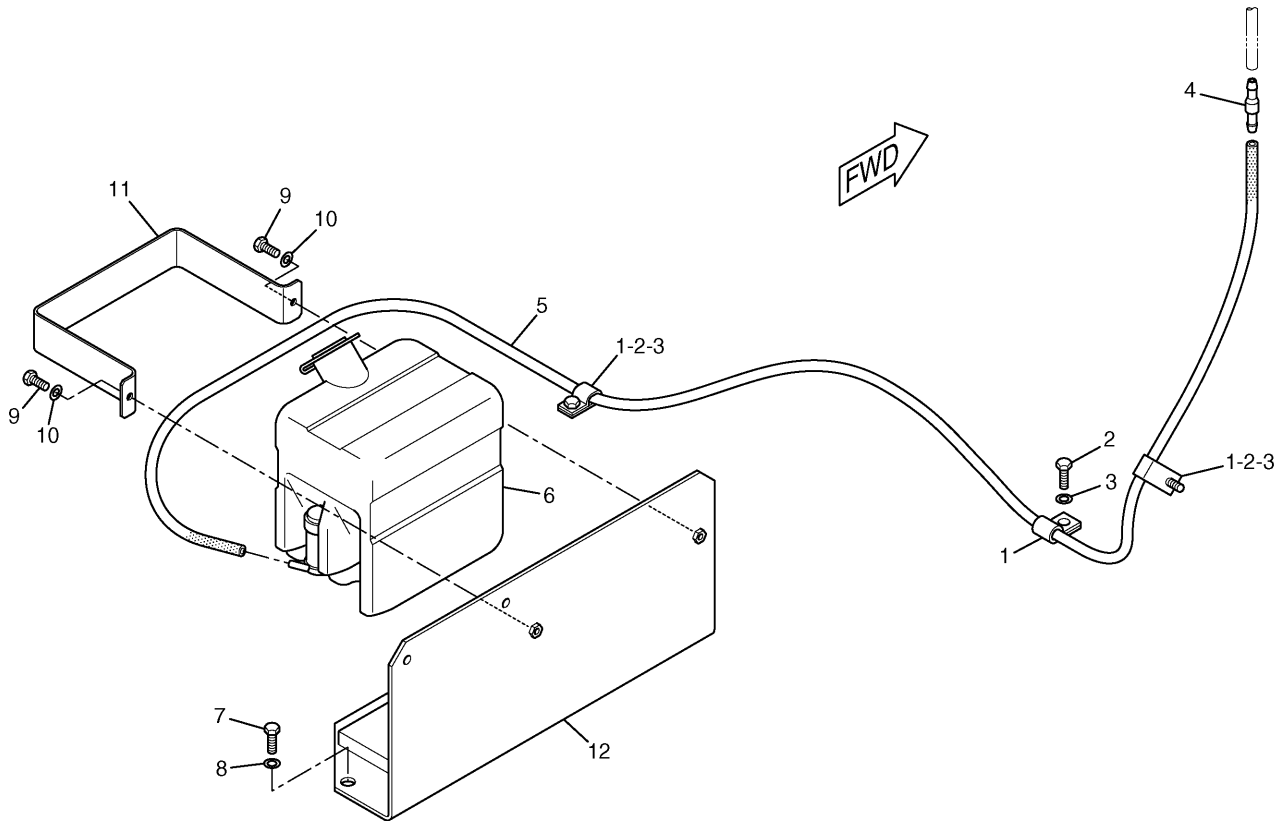
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME	
Y	1	196-1422	1	COVER GP						
	2	189-3462	1	HOSE						
	3	167-7110	1	HOSE						
	4	167-7114	4	CLAMP						
	5	189-3477	1	DUCT AS						
			189-3463	1	PIPE					
			095-1531	2	SEAL-O-RING (ID=29.70mm)					
			189-3415	1	INSULATOR					

Y-SEE SEPARATE ILLUSTRATION

H77619E 01

196-1420 COVER GP
 196-1422-Page487.01
 An Attachment

OPERATOR STATION



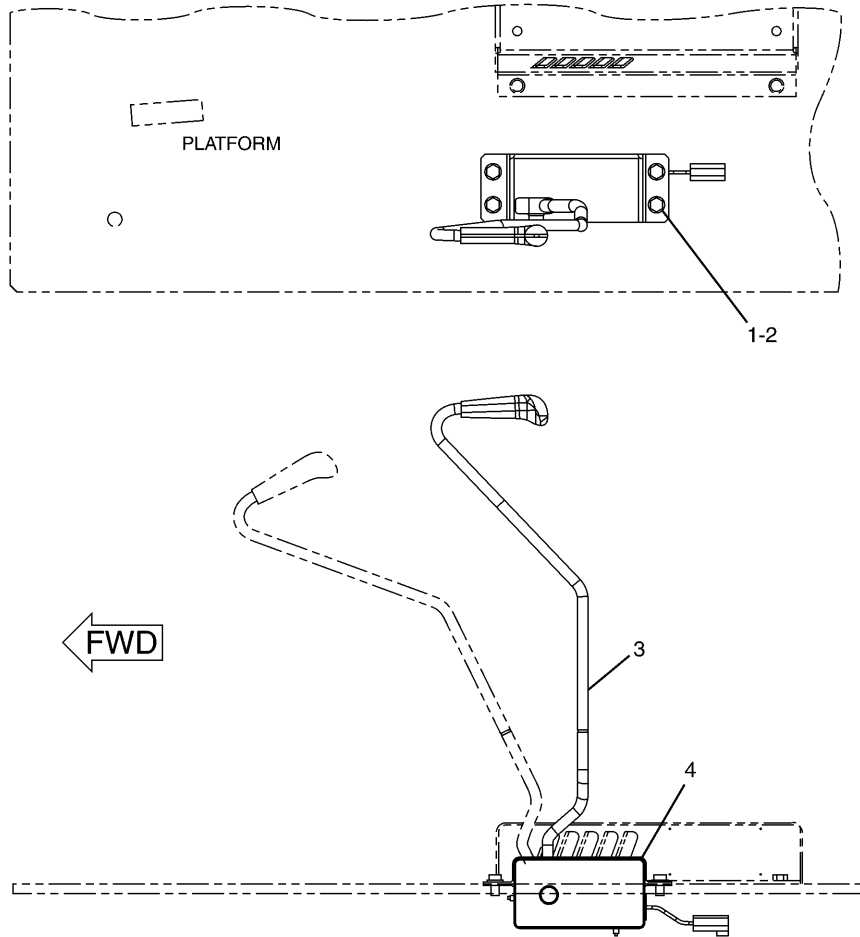
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6 V-3 2 6 5	3	CLIP					
	2	8 T-4 1 3 7	3	BOLT (L=20mm)					
	3	8 T-4 1 2 1	3	WASHER					
	4	7 Y-3 4 7 4	1	VALVE AS					
E	5	1 4 4-0 1 9 5		HOSE...(190cm)					
Y	6	1 7 6-1 9 3 1	1	TANK AS					
	7	8 T-4 1 9 2	2	BOLT (L=25mm)					
	8	8 T-4 2 2 3	2	WASHER					
	9	8 T-4 9 7 0	2	BOLT (L=14mm)					
	10	9 X-8 2 5 6	2	WASHER					
	11	1 7 6-1 9 9 5	1	SUPPORT					
	12	1 8 9-2 8 1 0	1	BRACKET AS					

E—ORDER BY THE CENTIMETER
Y—SEE SEPARATE ILLUSTRATION

H77608E 02

MEMORANDA

OPERATOR STATION



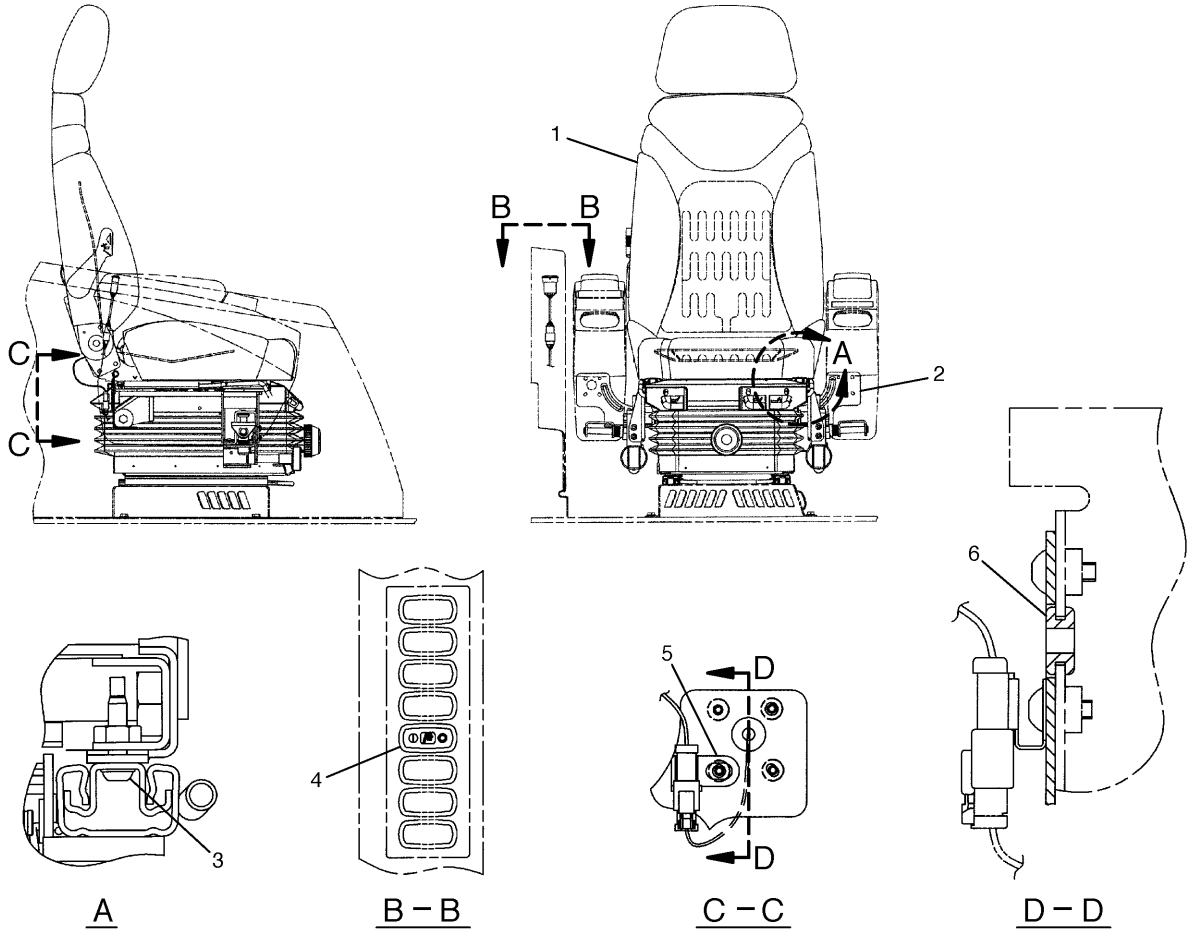
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	8 T - 4 1 3 7	4	BOLT (L=20mm)					
	2	8 T - 4 1 2 1	4	WASHER					
	3	1 6 7 - 7 0 8 0	1	LEVER GP					
	4	1 7 8 - 5 5 0 8	1	COVER					

Y-SEE SEPARATE ILLUSTRATION

H73544E 06

161-3752 LEVER GP
167-7080-Page512

OPERATOR STATION



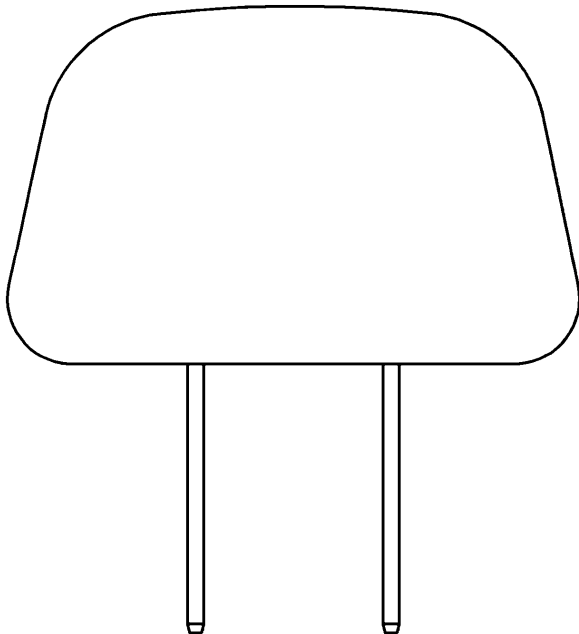
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	164-0505	1	SEAT GP					
		178-5660	1	HANDLE KIT (RECLINER)					
		178-5659	1	HANDLE KIT (ADJUSTER)					
	2	164-0503	1	SUSPENSION GP					
	3	178-5565	4	SCREW					
	4	163-6721	1	SWITCH AS					
		167-3542	1	CONNECTOR					
		167-3543	4	TERMINAL					
	5	116-0118	1	CLIP					
	6	9D-8508	1	GROMMET					

Y-SEE SEPARATE ILLUSTRATION

H71334E 04

164-0502 SEAT GP
164-0503-Page522
An Attachment

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME

H71339E 03

164-0477 HEADREST AS
An Attachment

MEMORANDA

OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	095-0913	2	CLIP					
	2	8T-4189	1	BOLT (L=20mm)					
	3	8T-4224	3	WASHER					
	4	207-0145	1	SUPPORT AS					
	5	8T-3647	2	BOLT (L=80mm)					
	6	5D-1026	4	CLAMP					
	7	8T-4137	2	BOLT (L=20mm)					
	8	8T-4121	2	WASHER					
	9	6D-1641	2	CLIP					
	10	155-7024	2	SPACER					
	11	178-5425	1	ELBOW					
E	12	5P-0767		HOSE...(260cm)					
	13	7Y-8168	1	GROMMET					
	14	4I-4580	1	NIPPLE					
	15	096-0061	1	STRAP					
E	16	5P-0767		HOSE...(225cm)					

E—ORDER BY THE CENTIMETER

H77612E 02

170-9715 LINES GP-HEATER
 Part of 196-1609-Page539
 An Attachment

IMPLEMENTS

Consists of :

			Page
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1	195-5360	LINKAGE GP-BUCKET.....	570

H75254E 00

194-8947 LINKAGE AR-BUCKET
An Attachment

IMPLEMENTS

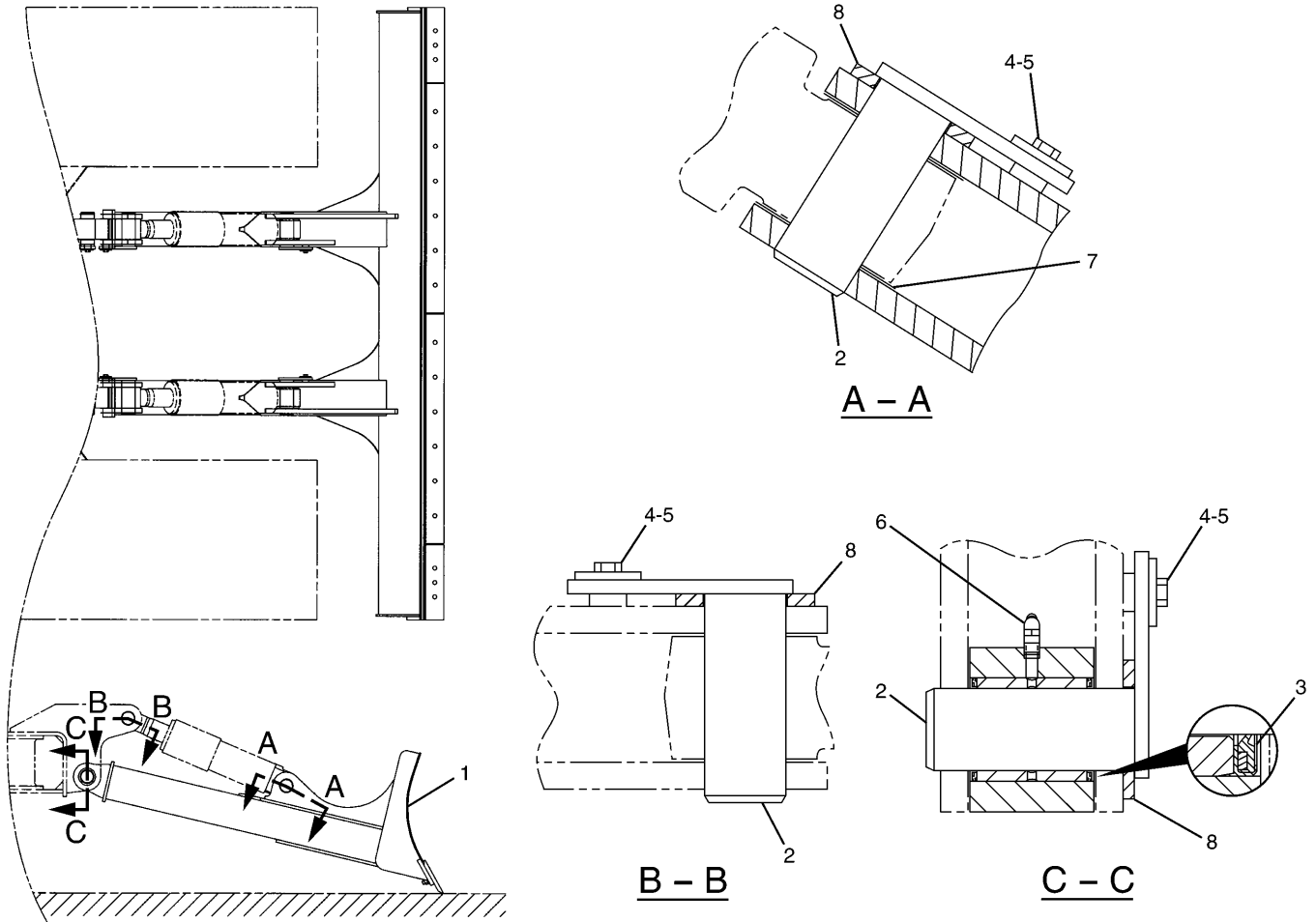
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	093-0357	1	WASHER					
	2	166-1494	2	SEAL					
	3	172-3080	1	PIN					
	4	095-6824	2	PLATE					
	5	8T-4192	4	BOLT (L=25mm)					
	6	099-3600	4	WASHER					
	7	8T-4179	1	BOLT (L=20mm)					
	8	086-0297	1	WASHER					
	9	1R-6225	1	PIN AS					
	10	166-1486	4	SHIM (T=2.00mm)					
B	11	093-0115	1	SHIM (T=2.00mm)					
B		133-2425	1	SHIM (T=0.50mm)					
	12	4I-3309	2	SPACER					
	13	1R-6226	1	PIN AS					
	14	7X-2552	1	BOLT (L=30mm)					
	15	086-0298	1	WASHER					
	16	8T-6764	2	PLUG					
	17	173-7914	1	BOOM AS					
	18	168-0062	2	BEARING					
	19	113-2276	1	MANIFOLD					
	20	7I-6845	6	PLATE					
	21	7I-6846	1	PLATE					
	22	7Y-2579	2	BAR					

B-USE AS REQUIRED

H75259E 02

179-5076 BOOM GP
Part of 179-5075-Page292
An Attachment

IMPLEMENTS



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	172-2991	1	BLADE GP					
	2	127-3913	6	PIN AS					
	3	093-1433	4	SEAL					
	4	8T-4179	6	BOLT (L=20mm)					
	5	086-0297	6	WASHER					
	6	3J-7283	2	FITTING					
	B	7	093-0065	8	SHIM (T=1.00mm)				
	B		099-7091	4	SHIM (T=1.50mm)				
B		093-0097	4	SHIM (T=2.00mm)					
	8	093-0357	6	WASHER					

B-USE AS REQUIRED

Y-SEE SEPARATE ILLUSTRATION

H72039E 02

167-9991 BLADE & MOUNTING GP
 Part of 151-1493-Page552
 172-2991-Page565
 An Attachment

IMPLEMENTS

Consists of :

			Page
1	198-5738	LINKAGE GP-BUCKET.....	569.01
		-OR-	
1	198-5739	LINKAGE GP-BUCKET.....	569.02

H82867E 02

168-0014 LINKAGE GP-BUCKET
Part of 151-1491-Page551
An Attachment

IMPLEMENTS

Consists of :

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1	41-7343	SIDECUTTER GP.....	587
1	150-2247	BUCKET & ADJUSTER GP.....	577
5	9J-3169	TIP GP-LONG.....	587

H60273E 00

150-2241 BUCKET AR An Attachment

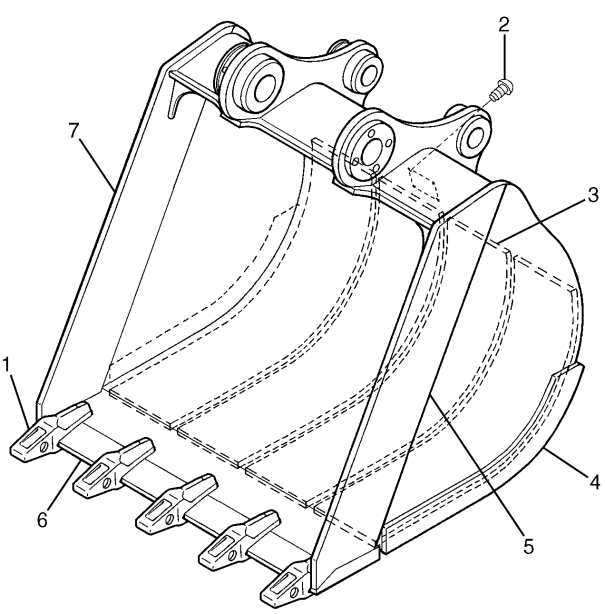
Consists of :

			Page
1	41-7343	SIDECUTTER GP.....	587
1	150-2248	BUCKET & ADJUSTER GP.....	578
5	9J-3169	TIP GP-LONG.....	587

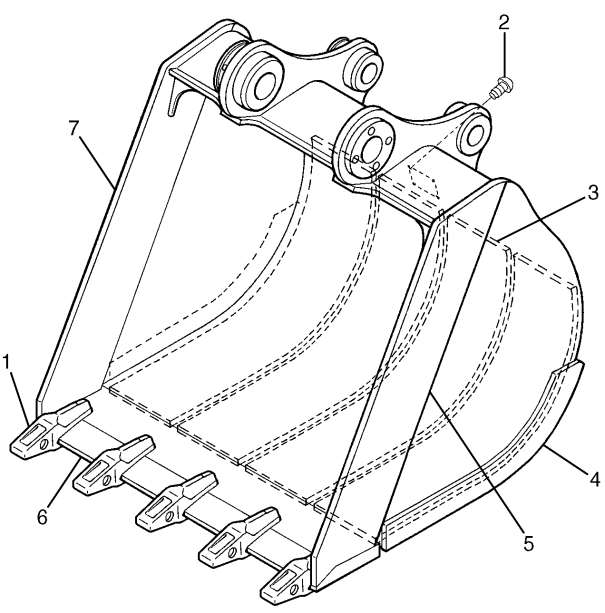
H60274E 00

150-2242 BUCKET AR An Attachment

IMPLEMENTS

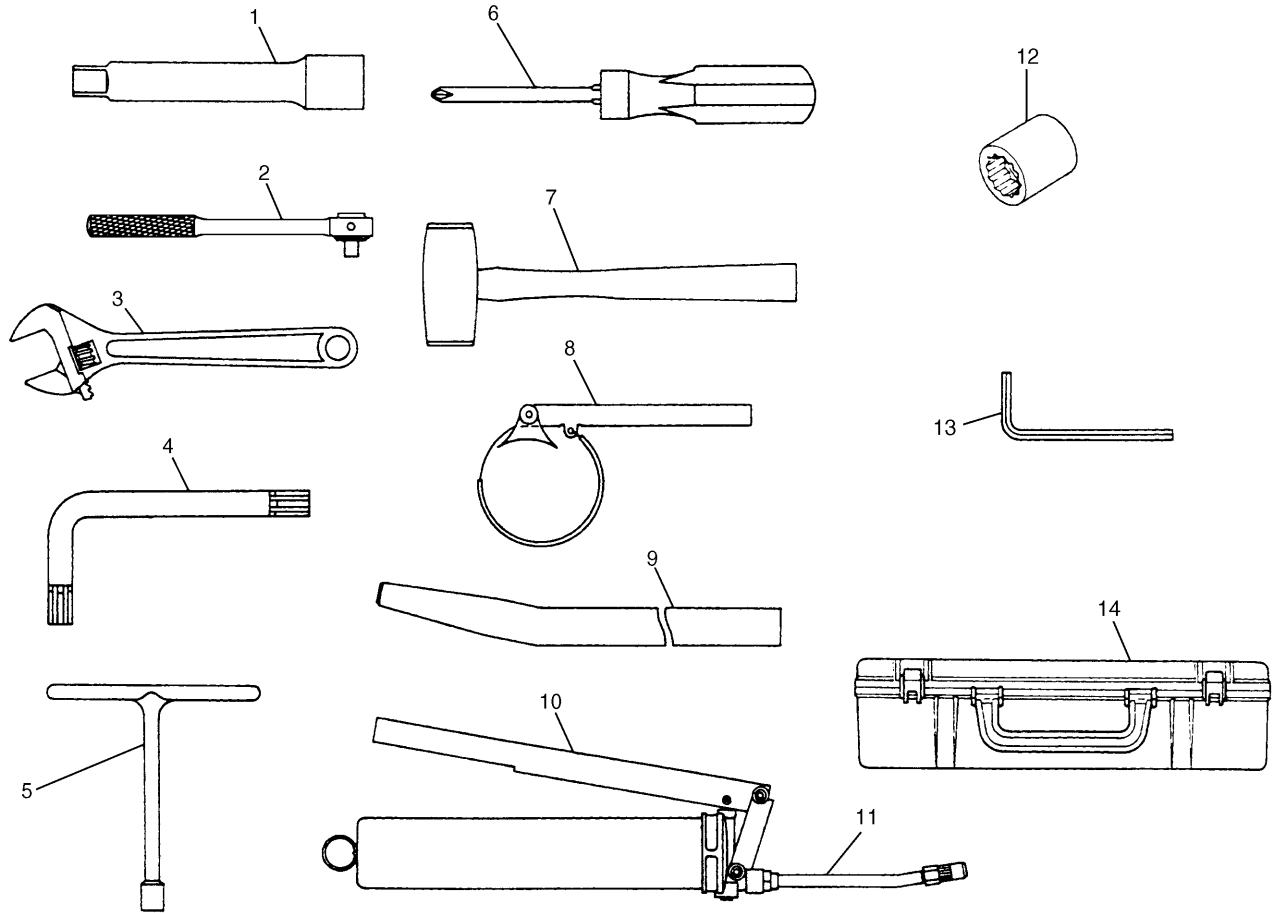
	NOTE	No.	PART No.	QTY	PART NAME
	B	1	7Y-0254	5	ADAPTER
		2	4B-4158	4	SCREW
		3	108-9041	4	PLATE
		4	71-6823	2	PLATE
		5	102-3191	1	PLATE
		6	086-0813	1	EDGE
		7	102-3190	1	PLATE
B-USE AS REQUIRED					
					H72196E 02

154-0618 BUCKET AS
 1000MM Wide—0.57Cu.M.—Adapter Size J250
 Part of 150-2249—Page578
 An Attachment

	NOTE	No.	PART No.	QTY	PART NAME
	B	1	7Y-0254	5	ADAPTER
		2	4B-4158	4	SCREW
		3	108-9042	4	PLATE
		4	71-6823	2	PLATE
		5	102-3191	1	PLATE
		6	086-0814	1	EDGE
		7	102-3190	1	PLATE
B-USE AS REQUIRED					
					H72197E 02

154-0619 BUCKET AS
 1090MM Wide—0.63Cu.M.—Adapter Size J250
 Part of 150-2250—Page579
 An Attachment

SERVICE EQUIPMENT AND SUPPLIES



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	099-3250	1	EXTENSION		12	095-1066	1	SOCKET (13MM)
	2	095-1852	1	RATCHET			099-3248	1	SOCKET (16MM)
	3	71-6395	1	WRENCH (200MM)			099-3249	1	SOCKET (18MM)
	4	41-2604	1	WRENCH (6MM)			095-1070	1	SOCKET (22MM)
		41-2605	1	WRENCH (10MM)			096-8251	1	SOCKET (30MM)
	5	7Y-6108	1	WRENCH (11MM)		13	095-1083	1	WRENCH (12MM)
	6	095-1855	1	SCREWDRIVER		14	7Y-0070	1	TOOLBOX
	7	095-1857	1	HAMMER					
	8	2P-8250	1	WRENCH AS					
		1P-0551	1	PIN					
		2P-8253	1	STRAP					
		6H-7378	1	RING					
	9	093-7638	1	BAR					
	10	099-7464	1	GREASE GUN					
	11	199-7371	1	TUBE AS					
A		4Y-0426	1	GREASE (BELLOWS)					
A		3Y-7597	1	GREASE (FOR WINTER TIME)					
A		1P-0808	1	GREASE (PAPER TUBE)					

A-NOT PART OF THIS GROUP

H71814E 01

169-7721 TOOL GP
Part of 169-7722-Page592
An Attachment

SERVICE EQUIPMENT AND SUPPLIES

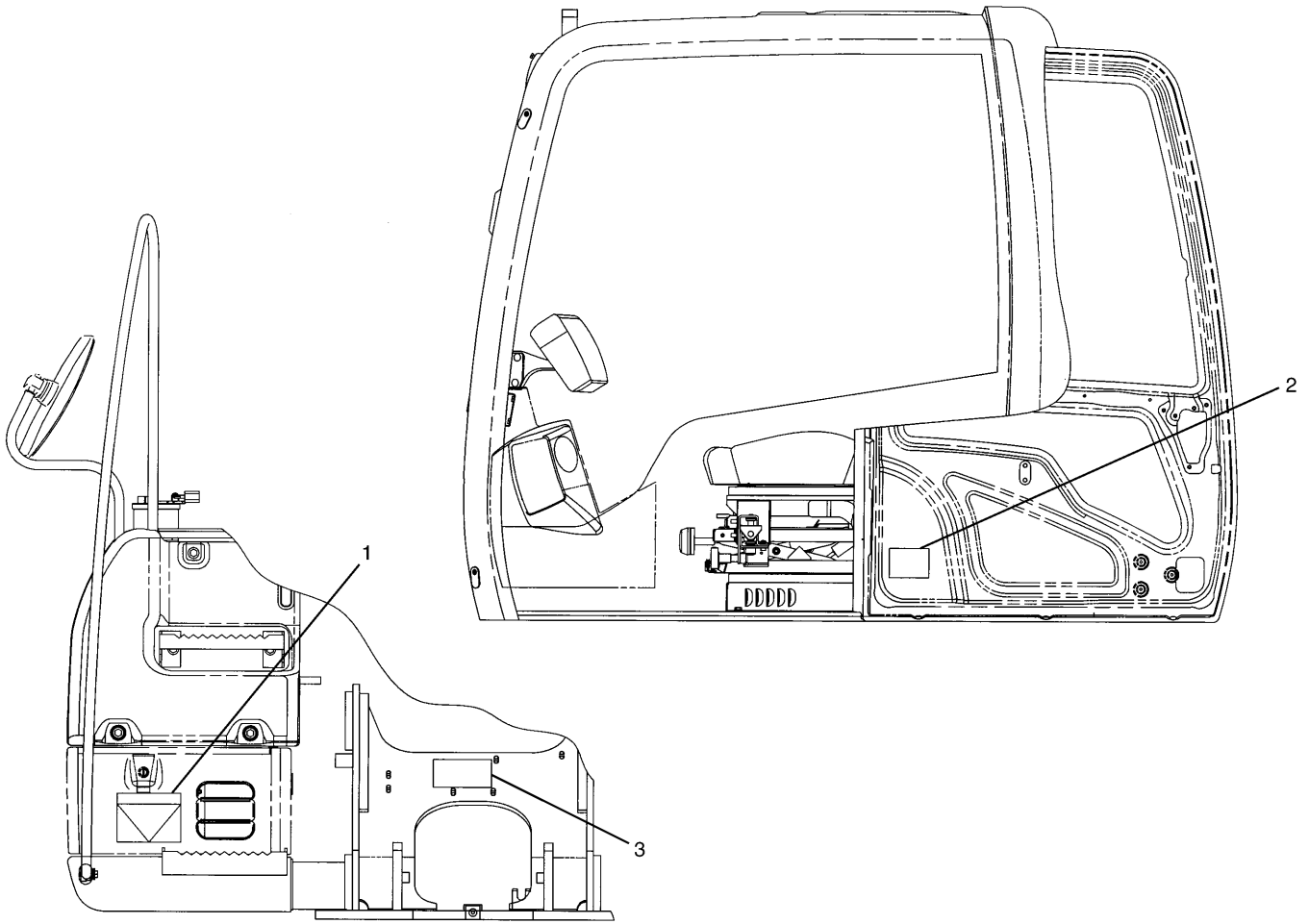
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	160-6853	2	FILM (DANGER)					
	2	132-4100	1	FILM (CAT)					
	3	186-1147	2	FILM (REGA)					
	4	105-7545	2	FILM (CAT)					
E	5	134-6146		FILM (STRIPE)···(350cm)					
	6	1P-2807	4	FILM (LIFT)					
	7	160-6832	2	FILM (WARNING)					
	8	169-7617	1	FILM (312C)					
	9	132-4099	1	FILM (CAT)					
	10	167-7272	1	FILM (CAT)					
	11	150-8108	1	FILM (CAT)					
	12	160-6884	1	FILM (DANGER)					
Z	13		1	PLATE (PIN)					
	14	4B-4158	4	SCREW					
	15	144-9126	1	FILM (INSTRUCTION)					
	16	7X-7644	1	FILM (TIE DOWN)					
	17	190-5386	2	FILM (SAFETY)					
	18	169-7616	1	FILM (NOTICE)					

E—ORDER BY THE CENTIMETER
 Z—NOT SERVICED

H75284E 05

151-1482 PLATE & FILM GP (2/3)
 S/N CAE 00492-Up

SERVICE EQUIPMENT AND SUPPLIES



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	127-5277	1	FILM (DEMOLITION)					
	2	194-8942	1	FILM					
	3	194-8943	1	FILM (NOTICE)					

H72071E 00

194-8941 FILM GP
Part of 194-8945-Page11
An Attachment

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51-7625	15	51-7722	15	51-7939	60
51-7627	19	51-7723	19	51-7940	60
51-7630	15	51-7724	16		61
51-7631	15	51-7728	44	51-7941	60
51-7632	22	51-7735	44	51-7942	60
51-7633	54	51-7738	15	51-7947	68
	59	51-7739	15	51-7978	16
51-7636	16	51-7740	15	51-8005	16
51-7637	20	51-7743	68	51-8009	16
51-7638	24	51-7746	58	51-8010	44
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51-7642	28		24	51-8013	59
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51-7644	28	51-7785	16	51-8021	58
51-7645	29	51-7786	16	51-8022	58
51-7646	44	51-7787	16	51-8023	58
51-7647	67	51-7788	16	51-8026	30
51-7650	19	51-7789	16		30.01
51-7654	16	51-7794	20	51-8056	44
51-7655	44	51-7795	20	51-8058	31
51-7656	22	51-7796	20		68
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51-7658	22		13.01		30.01
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51-7672	16	51-7839	16	51-8073	148
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51-7674	18	51-7848	54	51-8074	148
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