
313D CR Track-Type Excavator

Powered by C4.2 Engine

**SERIAL NUMBER
LCE1-Up(Vehicle)
JKH00318-Up(Engine)**

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HA3456E 07

BASIC ENGINE

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	294-1684	8	VALVE (IN)					
	2	294-1685	8	VALVE (EXH)					
	3	294-1686	4	BRIDGE					
	4	294-1687	4	BRIDGE					
	5	51-7630	8	CAP					
	6	294-1688	16	SPRING					
	7	294-1689	8	SCREW					
	8	8T-7964	8	NUT					
	9	199-2188	32	COTTER					
	10	199-2189	16	SEAL					
	11	199-2187	16	RETAINER					
	12	305-4750	4	BRACKET					
	13	305-4751	3	SPRING					
	14	294-1693	1	PIPE					
	15	305-4931	1	SHAFT AS					
	16	096-3741	1	CAP					
	17	305-4929	4	ARM AS					
	18	305-4928	1	BUSHING					
	19	091-3474	1	NUT					
	20	094-9525	1	SCREW					
	21	305-4927	4	ARM AS					
	22	305-4928	1	BUSHING					
	23	091-3474	1	NUT					
	24	094-9525	1	SCREW					
	25	294-1698	2	WASHER					
	26	294-1699	4	BOLT					
	27	305-4746	4	BOLT					
	28	294-1786	2	RING					
	29	294-1702	1	BOLT					
	30	095-8638	4	WASHER					
	31	305-4747	4	WASHER					

H96857E 00

305-4954 VALVE MECHANISM GP
Part of 279-7765-Page13

MEMORANDA

LUBRICATION SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7C-1493	1	VALVE					
	2	7W-9028	1	BASE AS					
	3	8C-3445	1	CAP					
	4	9L-9188	1	SPRING					
	5	121-0307	1	BASE					
	6	5P-1076	3	WASHER					
	7	152-2938	3	SEAL					
	8	152-2939	1	SEAL					
	9	205-6716	1	SPACER					
	10	310-9565	1	HOSE AS					
	11	310-9566	1	HOSE AS					
	12	310-9630	1	PLATE AS					
	13	033-6038	2	SEAL					
	14	153-4906	1	SEAL-O-RING (ID=11.89mm)					
	15	189-9377	1	SEAL-O-RING (ID=23.47mm)					
	16	1R-0739	1	FILTER AS					
	17	228-7092	3	SEAL					
	18	2T-2991	1	CONNECTOR					
	19	5P-8196	1	PLUG					
	20	6D-1641	2	CLIP					
	21	5P-9617	1	ADAPTER					
	22	6V-5266	3	SEAL-O-RING (ID=36.09mm)					
	23	6V-8637	1	CONNECTOR					
	24	6V-9852	1	ELBOW					
	25	8T-4121	7	WASHER					
	26	8T-4136	2	BOLT (L=25mm)					
	27	8T-4137	1	BOLT (L=20mm)					
	28	8T-4196	3	BOLT (L=35mm)					
	29	8T-4197	3	BOLT (L=40mm)					
	30	8T-4224	5	WASHER					
	31	8T-7547	2	BOLT (L=30mm)					
	32	8T-8899	1	ELBOW					
	33	9S-4188	1	PLUG					
	34	8T-4192	3	BOLT (L=25mm)					
	35	116-0118	1	CLIP					
	36	8T-4186	1	BOLT (L=40mm)					
	37	8C-3446	1	VALVE					
	38	033-5853	1	SEAL-O-RING (ID=8.92mm)					
	39	324-3963	1	PLATE AS					

HA0154E 02

310-9629 FILTER & MTG GP-ENGINE OIL

COOLING SYSTEM

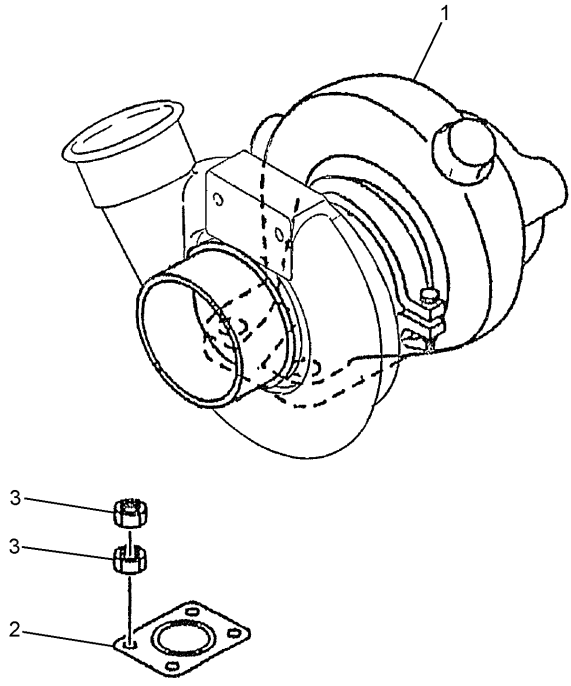
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	71-2673	4	STRAP					
	2	8T-4984	1	CLAMP					
	3	8T-6703	3	CLAMP					
	4	096-4035	1	CLIP					
	5	196-8174	1	BAND					
	6	245-9205	1	TANK AS					
		171-3369	1	CAP AS					
Y	7	305-7604	1	RADIATOR GP					
	8	305-7627	1	HOSE					
	9	305-7628	1	HOSE					
	10	265-3621	1	GUARD AS					
	11	305-7629	1	BRACKET AS					
	12	281-3571	1	GUARD AS					
	13	281-3580	1	GUARD AS					
	14	3P-9847	1	CLIP					
	15	7X-2555	3	BOLT (L=80mm)					
	16	7X-7729	14	WASHER					
	17	8T-4121	1	WASHER					
	18	8T-4137	13	BOLT (L=20mm)					
	19	8T-4175	1	BOLT (L=90mm)					
	20	8T-4200	2	BOLT (L=16mm)					
	21	8T-4224	2	WASHER					
	22	9X-8257	4	WASHER					
E	23	7Y-1976		HOSE···(77cm)					
	24	8T-4185	2	BOLT (L=50mm)					
▲	25	5P-9909		SEAL···(5dm)					

▲—ORDER BY THE DECIMETER
 E—ORDER BY THE CENTIMETER
 Y—SEE SEPARATE ILLUSTRATION

HA2263E 04

265-3613 RADIATOR & HYD OIL COOLER GP
 Part of 301-2621-Page11.01
 305-7604-Page51.01
 An Attachment

AIR INLET AND EXHAUST SYSTEM



NOTE	No.	PART No.	QTY	PART NAME
Y	1	305-4921	1	TURBOCHARGER GP
	2	51-7933	1	GASKET
	3	51-7633	8	NUT

Y—SEE SEPARATE ILLUSTRATION

H99160E 00

310-9614 TURBOCHARGER GP

Part of 279-7765-Page14
305-4921-Page58

MEMORANDA

FUEL SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	099-4437	19	GASKET					
	2	099-5041	8	BOLT (L=27mm)					
	3	294-1811	2	WASHER					
	4	296-4749	1	HOSE					
	5	137-5541	1	PUMP AS					
		229-3218	2	VALVE AS					
		061-7539	1	SEAL-O-RING (ID=20.22mm)					
	6	294-1820	1	GASKET					
	7	199-2241	1	BOLT AS					
	8	294-1821	1	BOLT					
	9	294-1822	1	BASE					
	10	296-4750	4	BOLT AS					
	11	1R-0751	2	FILTER AS					
	12	305-4886	1	HOSE					
	13	296-4752	1	BRACKET					
	14	296-4753	2	BOLT AS					
	15	8T-4121	2	WASHER					
	16	294-1804	3	SEAL-O-RING					
	17	294-1819	1	HOSE					
	18	296-4754	1	TUBE					
	19	190-5830	1	TUBE					
	20	094-9725	2	PLUG					
	21	310-9529	1	BRACKET					
	22	310-9530	1	HOSE					
	23	095-2038	2	WASHER					
	24	213-9433	2	BOLT AS					
	25	294-1838	1	BRACKET					
	26	294-1831	3	CLAMP					
	27	310-9531	1	CLAMP					
	28	297-7706	2	BOLT					
	29	096-2500	2	WASHER					
	30	51-5078	2	NUT					
	31	125-2983	1	JOINT					
	32	305-4900	1	PIPE					
	33	294-1809	1	BOLT					
	34	294-1844	1	BOLT AS					
	35	294-1845	1	BOLT AS					
	36	305-4902	1	CONNECTOR					
	37	297-7660	1	NUT					
	38	51-8058	1	CONNECTOR					
	39	297-7661	1	CONNECTOR					
	40	294-1810	2	CONNECTOR					
	41	6V-5215	2	BOLT (L=16mm)					
	42	305-4901	1	SEAL					
	43	294-1837	1	BRACKET					

HA0231E 05

296-4794 FILTER GP-FUEL
Part of 279-7765-Page14

ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	7	STRAP					
	2	6G-2263	1	SPACER					
	3	7K-1181	10	STRAP					
	4	7Y-8167	1	GROMMET					
	5	111-4836	3	CLIP					
	6	111-4837	8	CLIP					
	7	111-4838	4	CLIP					
	8	111-4839	4	STRAP					
	9	116-0118	3	CLIP					
	10	202-4004	1	GROMMET					
	11	233-0891	2	BRACKET AS					
	12	4P-7428	1	CLIP					
	13	4P-7429	1	CLIP					
	14	4P-8134	1	CLIP					
	15	7X-2621	1	BOLT (L=12mm)					
	16	8T-4121	15	WASHER					
	17	8T-4137	11	BOLT (L=20mm)					
	18	8T-4179	2	BOLT (L=20mm)					
	19	8T-4182	1	BOLT (L=45mm)					
	20	8T-4195	3	BOLT (L=30mm)					
	21	8T-4223	2	WASHER					

H99989E 05

275-7106 BATTERY & WIRING GP (2/4)
S/N LCE 1-00336

ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	22	STRAP					
	2	7K-1181	11	STRAP					
	3	111-4836	1	CLIP					
	4	111-4837	3	CLIP					
	5	116-0118	2	CLIP					
	6	146-0334	2	COLLAR					
	7	204-1611	2	STRAP					
	8	259-5303	1	BRACKET AS					
	9	132-5789	1	CLIP					
	10	4P-7428	1	CLIP					
	11	4P-7581	2	CLIP					
	12	7Y-3283	1	SPACER					
	13	8T-4121	8	WASHER					
	14	8T-4137	6	BOLT (L=20mm)					
	15	8T-4139	2	BOLT (L=30mm)					
	16	8T-4191	1	BOLT (L=16mm)					
	17	8T-4223	2	WASHER					
	18	8T-6685	1	BOLT (L=110mm)					

HA3481E 06

275-7106 BATTERY & WIRING GP (3/4)
S/N LCE 00337-Up

ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	155-2260	1	PLUG KIT					
	2	9X-3401	6	PIN					
	3	126-1768	31	SOCKET					
	4	186-3736	7	SOCKET					
	5	9W-0844	6	SOCKET					
	6	155-2261	13	WEDGE					
	7	3S-2093	8	STRAP					
	8	8T-8737	27	PLUG					
	9	230-5008	1	PLUG AS					
	10	7Y-3963	1	TERMINAL					
	11	230-4013	1	PLUG AS					
	12	155-2270	14	PLUG KIT					
	13	102-8802	11	RECEPTACLE KIT					
	14	230-4011	1	PLUG AS					
	15	230-5010	1	PLUG AS					
	16	2L-8075	4	TERMINAL					
	17	9X-0196	1	TERMINAL AS					
	18	7Y-3965	1	TUBE					

HA3484E 00

328-0241 HARNESS AS (2/2)
 S/N LCE 00337-Up
 Part of 275-7106-Page87.02

ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	102-8803	1	RECEPTACLE KIT					
	2	186-3735	5	PIN					
	3	186-3736	22	SOCKET					
	4	3S-2093	11	STRAP					
	5	7Y-3951	31	TERMINAL					
	6	7Y-3958	1	CONNECTOR					
	7	7Y-3993	14	TERMINAL					
	8	7Y-5475	5	TERMINAL					
	9	7Y-5494	17	TERMINAL					
	10	7Y-5495	3	TERMINAL					
	11	7Y-5496	3	TERMINAL					
	12	8N-1547	1	SOCKET					
	13	8T-8737	6	PLUG					
	14	104-6573	1	PLUG					
	15	9W-0852	4	PIN					
	16	9W-0844	15	SOCKET					
	17	127-5483	1	PLUG AS					
	18	2L-8050	6	TERMINAL					
	19	2L-8067	2	TERMINAL					
	20	138-5193	1	TERMINAL					
	21	155-2261	5	WEDGE					
	22	155-2260	1	PLUG KIT					
	23	155-2270	5	PLUG KIT					
	24	170-9371	1	BASE					
	25	197-4385	2	DIODE					
	26	230-4009	1	PLUG AS					
	27	239-7356	1	PLUG AS					
	28	243-4510	1	RECEPTACLE AS					

HA0140E 00

319-1406 HARNESS AS
Part of 319-1405-Page99

ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	174-3016	1	PLUG AS					
	2	9X-3401	20	PIN					
	3	126-1768	45	SOCKET					
	4	186-3736	4	SOCKET					
	5	133-0975	1	WEDGE					
	6	3S-2093	5	STRAP					
	7	8T-8737	15	PLUG					
	8	102-8803	1	RECEPTACLE KIT					
	9	230-4009	3	PLUG AS					
	10	243-4510	1	RECEPTACLE AS					
	11	127-4005	2	GROMMET					
	12	7Y-3958	1	CONNECTOR					
	13	7Y-3963	1	TERMINAL					
	14	7Y-3965	1	TUBE					
	15	2L-8066	2	TERMINAL					
	16	9W-1951	1	RECEPTACLE					
	17	7Y-3952	1	CONNECTOR					
	18	7Y-3962	1	TERMINAL					
	19	7Y-3964	1	TUBE					
	20	5P-2321	1	TERMINAL					
	21	2L-8075	1	TERMINAL					
	22	8C-6354	1	CAP					
	23	7Y-3951	7	TERMINAL					
	24	7Y-3950	4	TERMINAL					

HA0348E 01

319-1422 HARNESS AS (1/2)
 S/N LCE 1-00231
 Part of 275-7111-Page105

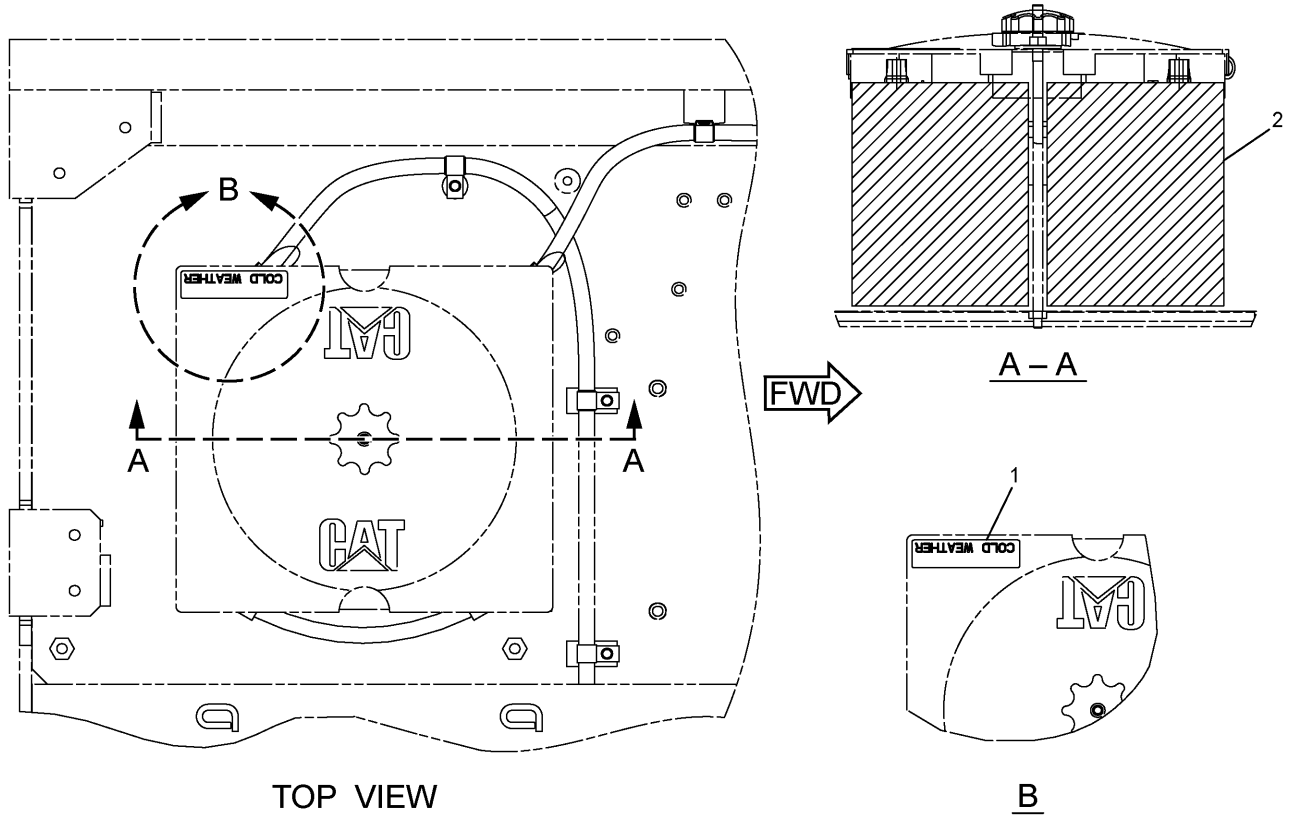
ELECTRICAL AND STARTING SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3E-5169	1	GUARD					
	2	3S-2093	3	STRAP					
	3	7G-1060	1	STRAP AS					
	4	7K-1181	7	STRAP					
	5	104-8161	1	GROMMET					
	6	111-4836	14	CLIP					
	7	116-0118	8	CLIP					
	8	9X-2042	2	SCREW					
	9	267-7933	1	BRACKET AS					
	10	267-7937	1	BRACKET AS					
Y	11	267-7950	1	HARNESS AS					
	12	306-8379	1	BRACKET AS					
	13	4D-1836	1	SWITCH					
	14	8T-4121	22	WASHER					
	15	8T-4137	11	BOLT (L=20mm)					
	16	8T-4191	9	BOLT (L=16mm)					
	17	8T-4195	2	BOLT (L=30mm)					
	18	5C-8312	2	NUT					
	19	9B-7233	2	LOCKWASHER					
	20	096-6166	2	WASHER					
	21	121-1241	1	METER KIT					

Y-SEE SEPARATE ILLUSTRATION

H99574E 02

ELECTRICAL AND STARTING SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	102-5420	1	FILM (INSTRUCTION)					
	2	9X-3404	2	BATTERY					

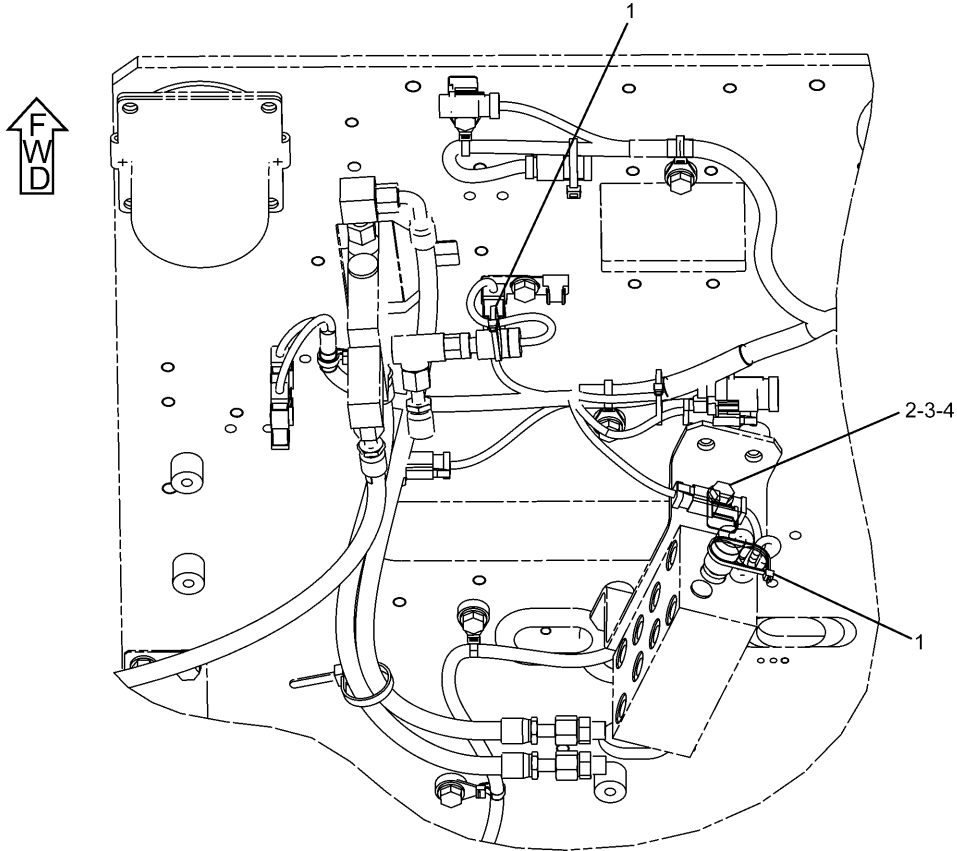
H96805E 02

259-5050 BATTERY & WIRING GP-COLD WEATH

An Attachment

MEMORANDA

ELECTRICAL AND STARTING SYSTEM



BOTTOM PLATFORM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	2	STRAP					
	2	116-0118	1	CLIP					
	3	8T-4121	1	WASHER					
	4	8T-4191	1	BOLT (L=16mm)					

H99554E 00

275-7167 WIRING GP
 Part of 270-5994-Page378
 An Attachment

ELECTRICAL AND STARTING SYSTEM

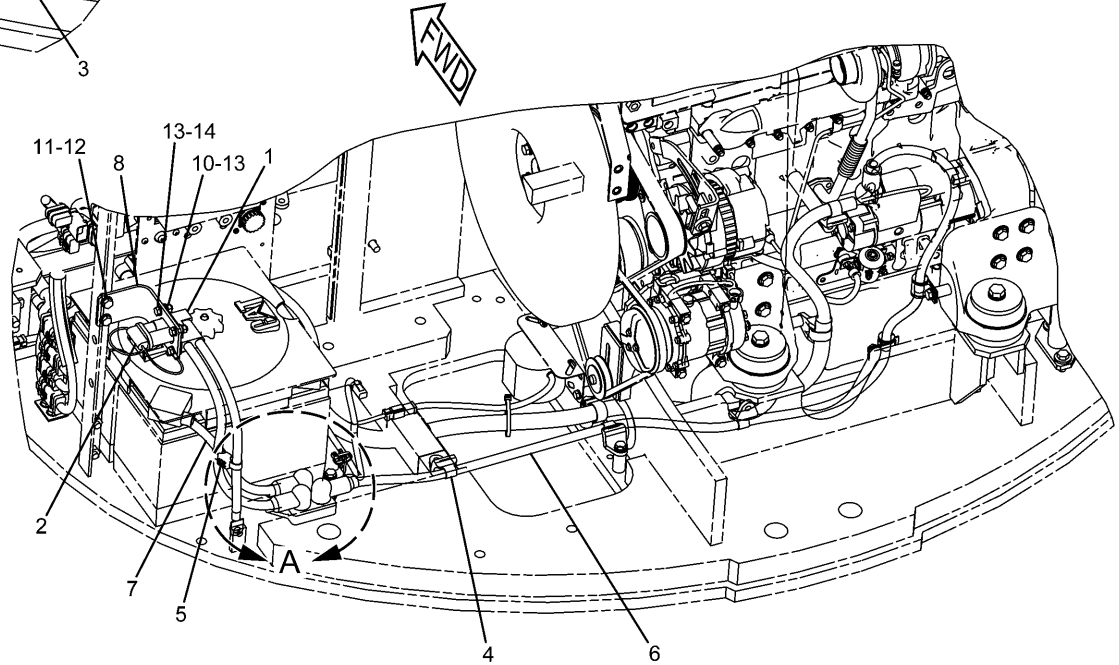
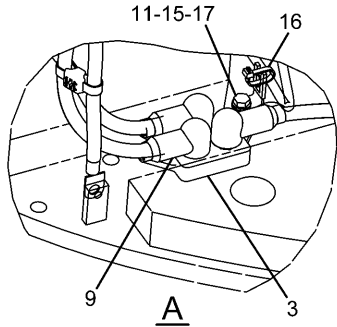
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	7	STRAP					
	2	71-2673	1	STRAP					
	3	111-4836	5	CLIP					
	4	116-0118	1	CLIP					
	5	134-3284	1	BRACKET					
Y	6	153-2521	1	LAMP GP					
Y	7	299-2665	1	HARNESS AS					
	8	3S-8664	1	CLIP					
	9	8T-4121	7	WASHER					
	10	8T-4133	6	NUT					
	11	8T-4137	1	BOLT (L=20mm)					
	12	8T-4190	1	BOLT (L=25mm)					
	13	9X-8257	1	WASHER					

Y-SEE SEPARATE ILLUSTRATION

H99617E 01

291-7892 WIRING GP-BOOM
 Crane
 Part of 279-2640-Page11
 299-2665-Page154,153-2521-Page200
 An Attachment

ELECTRICAL AND STARTING SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	2G-1830	1	RECEPTACLE AS					
		1S-7251	2	TERMINAL					
	2	8S-2634	1	COVER AS					
		2P-2975	2	SEAL-O-RING (ID=17.17mm)					
Y	3	9W-0742	1	BLOCK GP					
	4	111-4837	3	CLIP					
	5	204-1673	1	STRAP					
Y	6	275-7127	1	CABLE AS					
Y	7	275-7128	1	CABLE AS					
	8	275-7129	1	BRACKET					
	9	301-0091	1	COVER					
	10	5C-7261	4	NUT					
	11	8T-4121	3	WASHER					
	12	8T-4137	2	BOLT (L=20mm)					
	13	8T-4224	8	WASHER					
	14	8T-4908	4	BOLT (L=25mm)					
	15	6G-2263	1	SPACER					
	16	7K-1181	1	STRAP					
	17	8T-4185	1	BOLT (L=50mm)					

Y-SEE SEPARATE ILLUSTRATION

HA3478E 04

275-7121 WIRING GP

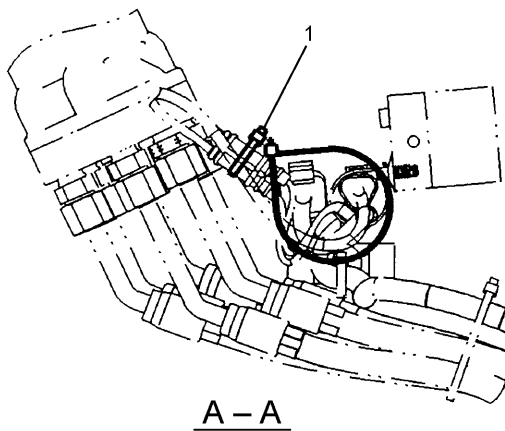
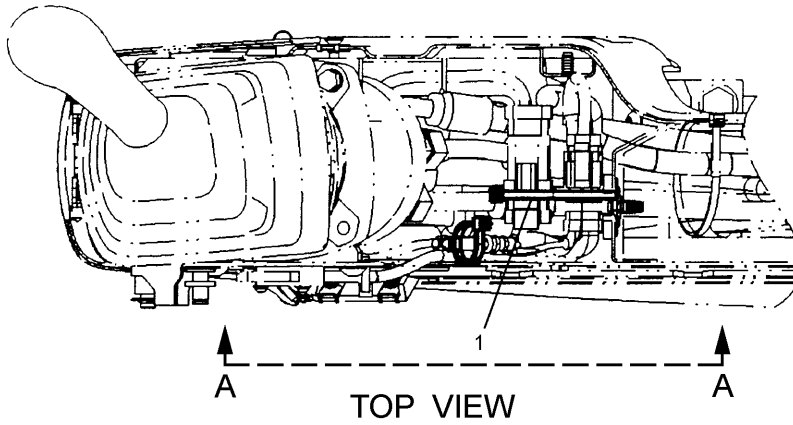
Jump Start

S/N LCE 00337-Up

9W-0742-Page163,275-7128-Page164,275-7127-Page165

An Attachment

ELECTRICAL AND STARTING SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	3S-2093	2	STRAP					

H96313E 00

ELECTRICAL AND STARTING SYSTEM

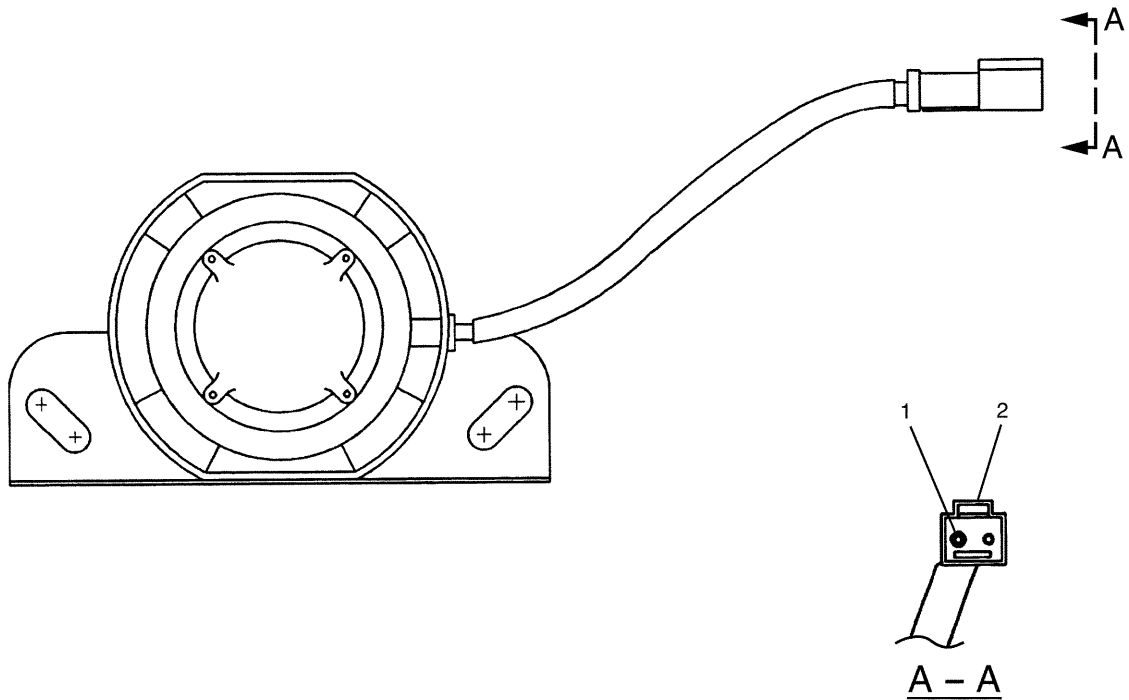
Consists of :

		Page
1	338-6922 MONITOR GP-OPERATOR	547.01

HA3421E 07

260-2171 ELECTRONICS GP

ELECTRICAL AND STARTING SYSTEM

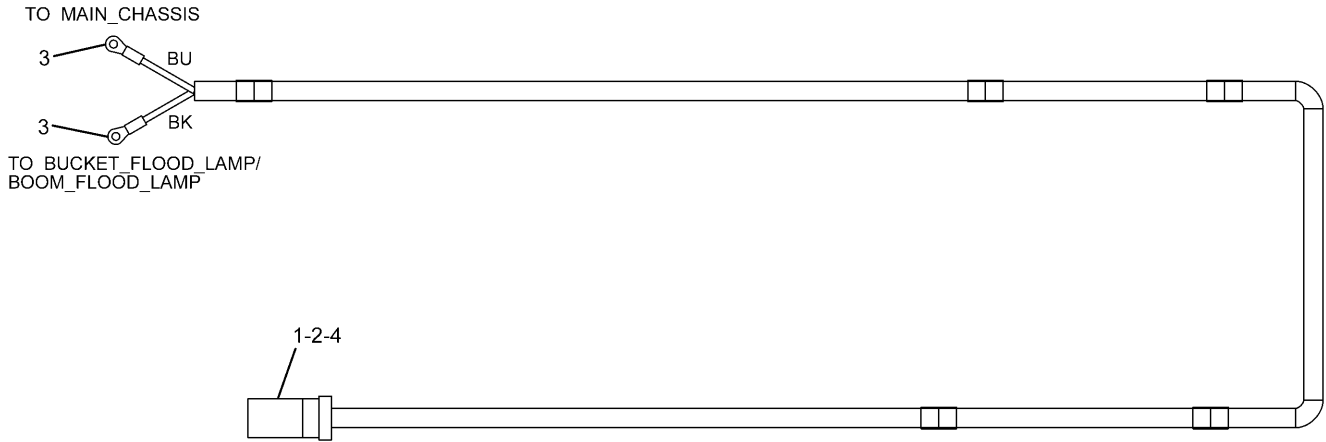


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8 T-8729	2	PIN					
	2	102-8802	1	RECEPTACLE KIT					

H93018E 03

213-9100 ALARM AS-BACKUP
 Part of 275-7115-Page190
 An Attachment

ELECTRICAL AND STARTING SYSTEM

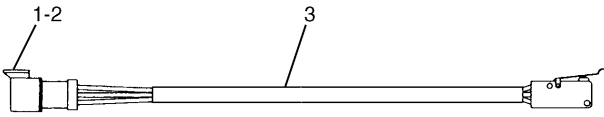


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8 T-8737	4	PLUG					
	2	9 W-0852	2	PIN					
	3	2 L-8075	2	TERMINAL					
	4	243-4508	1	RECEPTACLE AS					

H99498E 01

283-2802 HARNESS AS
Part of 275-7113-Page197
An Attachment

ELECTRICAL AND STARTING SYSTEM

	NOTE	No.	PART No.	QTY	PART NAME
	D	1	8 T - 8 7 2 9	3	PIN
		2	1 0 2 - 8 8 0 3	1	RECEPTACLE KIT
		3	5 P - 5 9 9 8		TUBE... (0.3m)
D-ORDER BY THE METER					
					H72253E 04

111-4799 SWITCH AS

Limit
Part of 245-7932-Page568

FRAME AND BODY

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8 T-4192	40	BOLT (L=25mm)					
	2	5 P-1076	47	WASHER					
	3	8 T-4139	9	BOLT (L=30mm)					
	4	211-6246	2	SPACER					
	5	286-6038	1	SUPPORT AS					
	6	286-6039	1	SUPPORT AS					
	7	286-6041	1	SUPPORT AS					
	8	286-6042	1	SUPPORT AS					
	9	286-6053	1	SUPPORT AS					
Y	10	286-6068	1	SHEET AS					
Y	11	286-6071	1	SHEET AS					
Y	12	286-6074	1	SHEET AS					
	13	286-6075	1	SHEET AS					
		286-6104	1	LINER					
Y	14	286-6082	1	COVER AS					
Y	15	286-6083	1	SHEET AS					
	16	289-6786	1	SHEET AS					
		298-2896	1	LINER					
	17	307-7665	1	SHEET AS					
	18	313-8133	1	SUPPORT AS					
		313-8134	1	LINER					
Y	19	320-5442	1	SUPPORT AS					
Y	20	333-5133	1	SHEET AS					
	21	099-3600	2	WASHER					
	22	178-5801	2	GROMMET					
	23	8 T-4194	2	BOLT (L=50mm)					

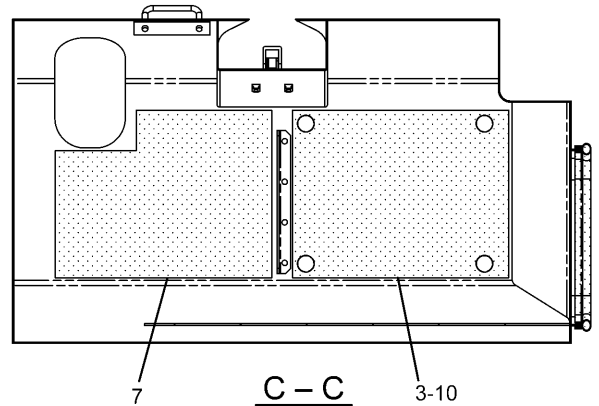
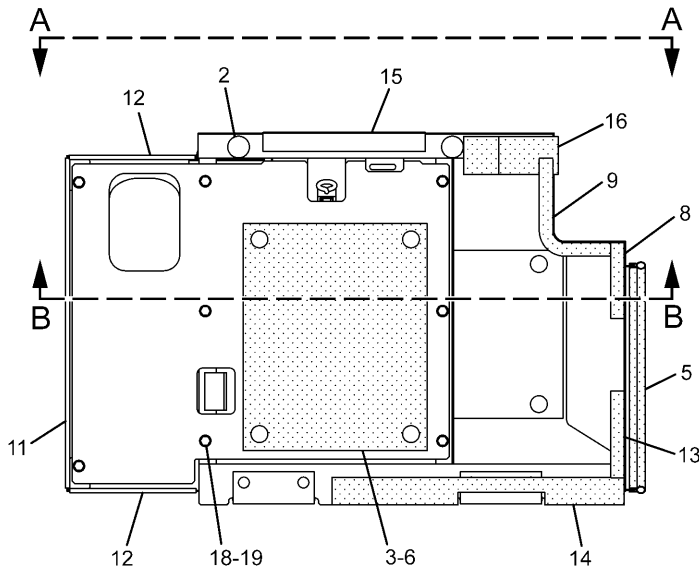
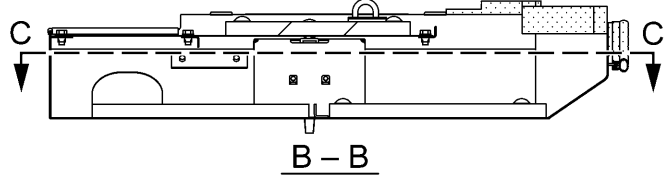
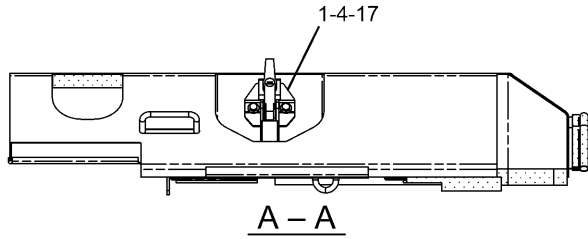
Y-SEE SEPARATE ILLUSTRATION

HA2694E 04

313-8148 HOOD & GUARD GP (2/3)

286-6082-Page229,286-6068-Page231,286-6071-Page232,286-6083-Page234,286-6074-Page235,333-5133-Page236,
320-5442-Page237

FRAME AND BODY



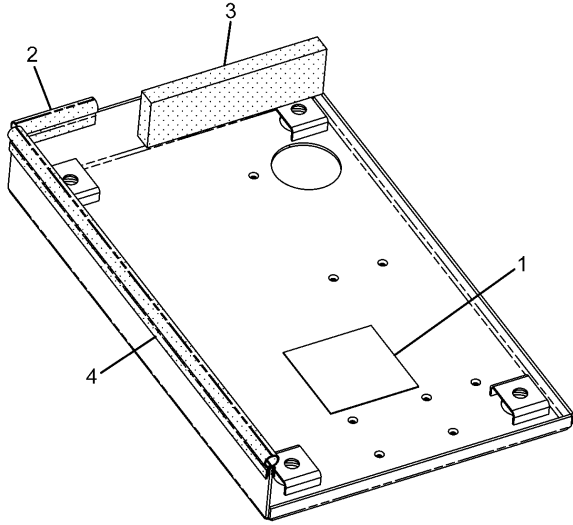
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
D	1	41-0117	1	FASTENER					
	2	170-3014	2	BUMPER					
	3	233-2854	8	CAP					
	4	8T-4189	2	BOLT (L=20mm)					
	5	5P-8309		SEAL... (0.5m)					
	6	298-2898	1	INSULATION					
	7	298-2900	1	LINER					
	8	298-2901	1	LINER					
	9	298-2902	1	LINER					
	10	298-2903	1	INSULATION					
	11	298-2904	1	SEAL					
	12	298-2905	2	SEAL					
	13	307-7671	1	LINER					
	14	307-7672	1	LINER					
	15	313-8162	1	GUARD					
	16	333-5272	1	LINER					
	17	5P-4116	2	WASHER					
	18	8T-4121	8	WASHER					
	19	8T-4137	8	BOLT (L=20mm)					

D—ORDER BY THE METER

HA3444E 03

289-6855 HOOD GP-ENGINE
Part of 278-3987-Page223.04
An Attachment

FRAME AND BODY



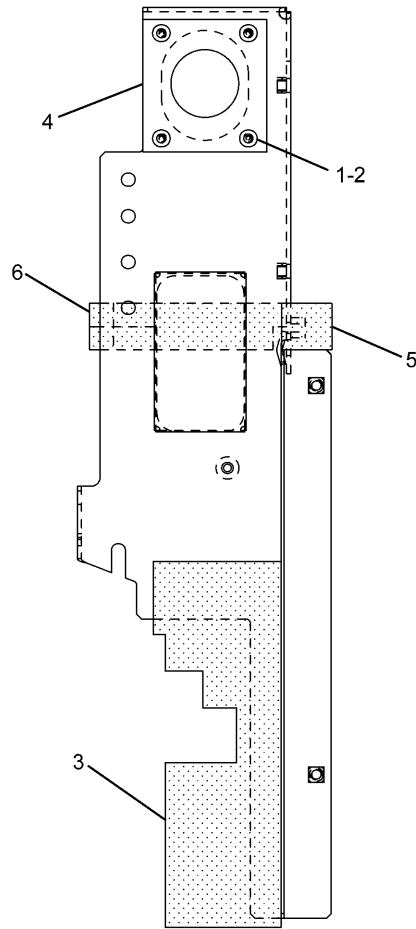
NOTE	No.	PART No.	QTY	PART NAME
	1	298-2897	1	SHEET
D	2	5P-8309		SEAL... (0.143m)
	3	337-4782	1	LINER
D	4	5P-8309		SEAL... (0.54m)

D—ORDER BY THE METER

HA3445E 00

337-4780 COVER AS
 Part of 278-3987—Page223.04
 An Attachment

FRAME AND BODY



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	9M-5732	4	RIVET					
	2	9M-2307	4	WASHER					
	3	286-6112	1	LINER					
	4	336-1676	1	SHEET					
	5	336-1682	1	LINER					
	6	336-1685	1	LINER					

HA2711E 00

333-5269 SEAT AS
Part of 278-3987-Page223.02
An Attachment

FRAME AND BODY

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8T-4179	1	BOLT (L=20mm)					
	2	8T-4192	26	BOLT (L=25mm)					
	3	8T-4139	6	BOLT (L=30mm)					
	4	211-6246	1	SPACER					
Y	5	339-7292	1	SHEET AS					
	6	286-6058	1	SUPPORT AS					
Y	7	289-6846	1	SHEET AS					
	8	286-6061	1	SHEET AS					
	9	337-4783	1	SHEET AS					
Y	10	339-7294	1	SHEET AS					
Y	11	350-4651	1	COVER GP					
	12	289-6794	1	SHEET AS					
D	13	101-9848		SEAL···(0.6m)					
	14	099-3600	1	WASHER					
	15	178-5801	1	GROMMET					
	16	8T-4194	1	BOLT (L=50mm)					
Y	17	293-7109	1	COVER AS					
	18	293-7117	1	SUPPORT AS					
	19	237-1250	1	GUARD					
	20	115-8647	1	GUARD					
	21	5P-1076	35	WASHER					
	22	8T-4956	2	BOLT (L=35mm)					
	23	313-8147	1	SHEET AS					
	24	320-5447	1	SUPPORT AS					

D—ORDER BY THE METER
Y—SEE SEPARATE ILLUSTRATION

HA3449E 05

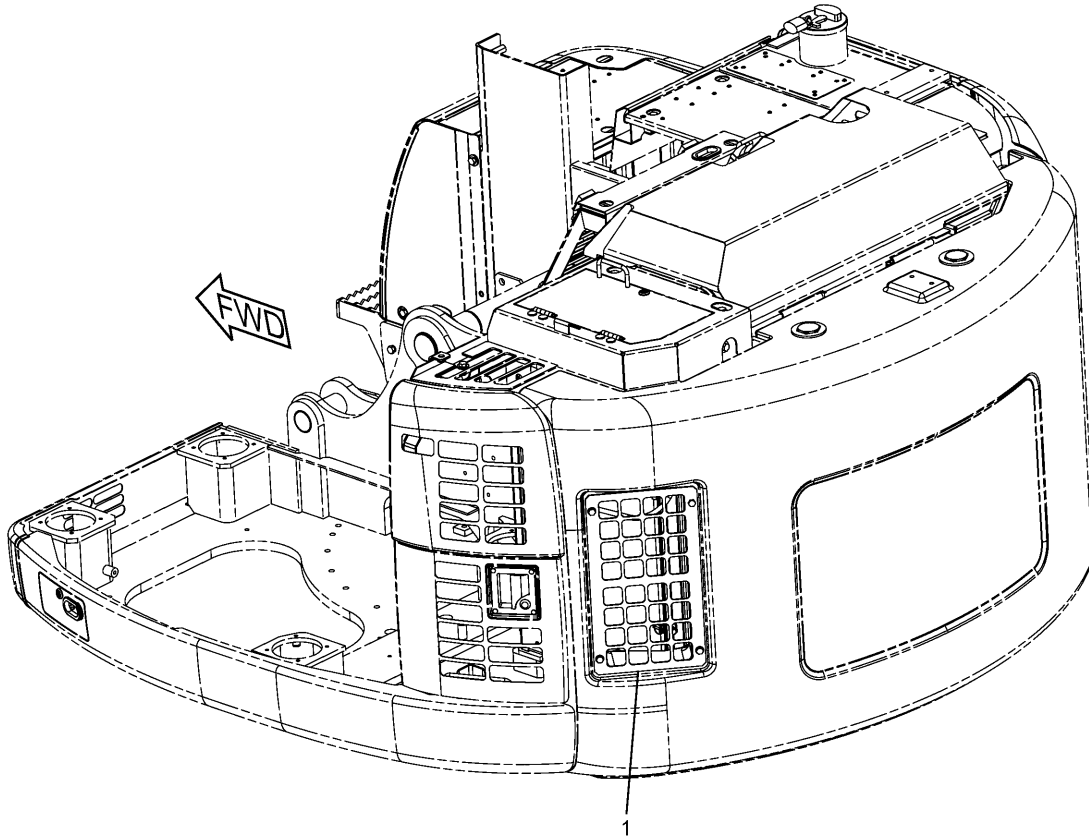
278-3990 COVER GP

Part of 301-2621-Page11.01

350-4651-Page240.01,289-6846,293-7109-Page241.01,339-7292,339-7294-Page241.02

An Attachment

FRAME AND BODY

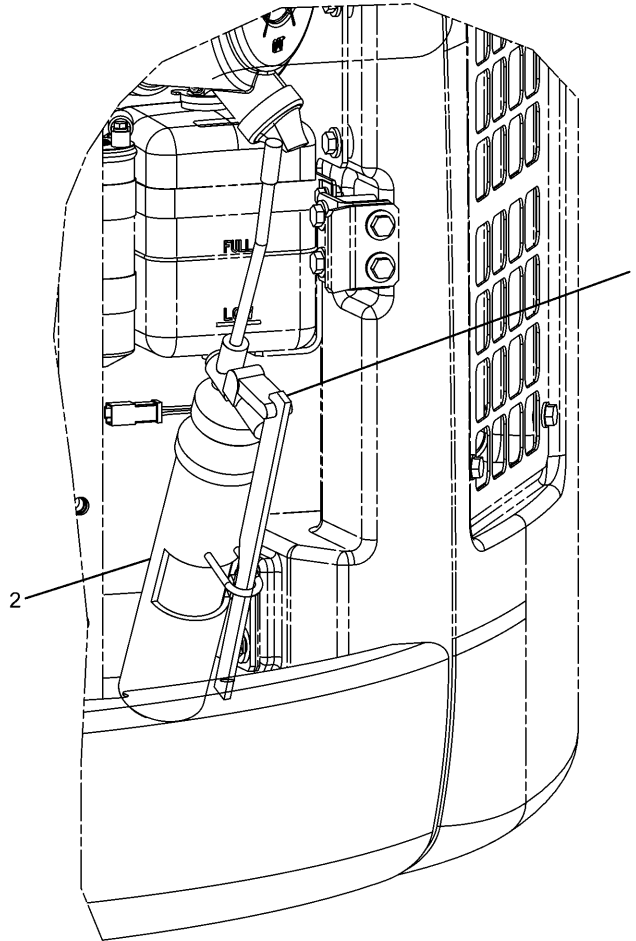


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	313-8149	1	SHEET					

HA3459E 00

320-5450 COVER GP
 Part of 301-2621-Page11.01
 An Attachment

FRAME AND BODY

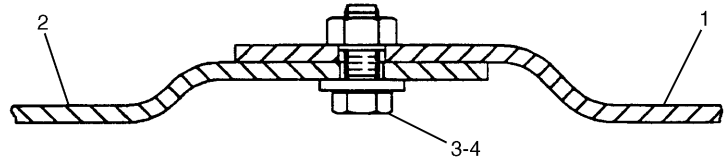
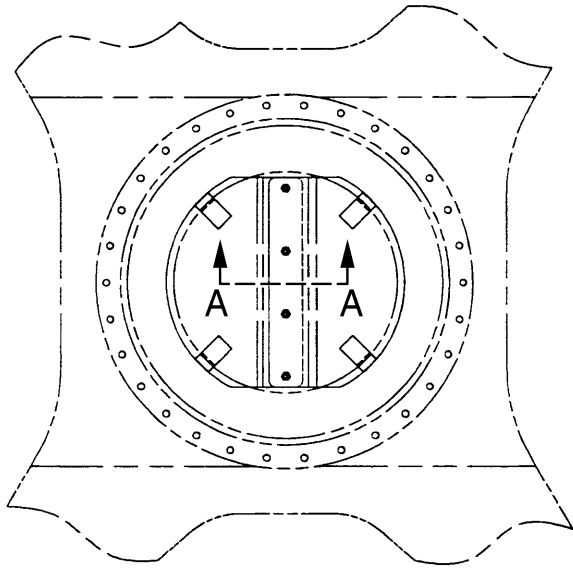


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	099-7464	1	GREASE GUN					
		199-7371	1	TUBE AS					
	2	330-8837	1	SUPPORT AS					

HA3475E 00

338-7798 MOUNTING GP-GREASE GUN
 S/N LCE 00337-Up
 An Attachment

FRAME AND BODY



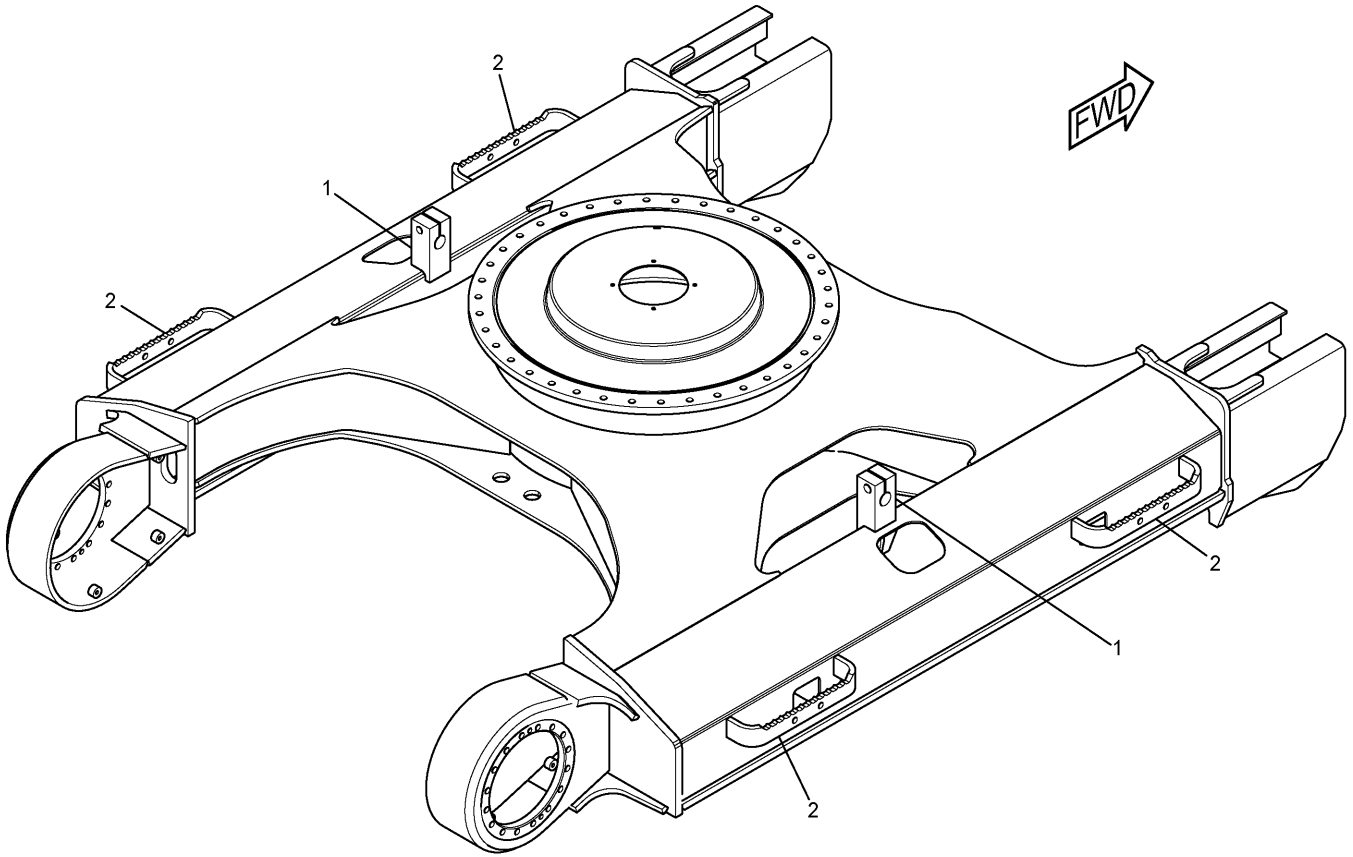
A - A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	137-2853	1	PLATE AS					
	2	137-2854	1	PLATE AS					
	3	8C-8992	4	BOLT (L=30mm)					
	4	5P-1076	4	WASHER					

H52346E 00

137-2813 GUARD GP-SWIVEL
An Attachment

FRAME AND BODY

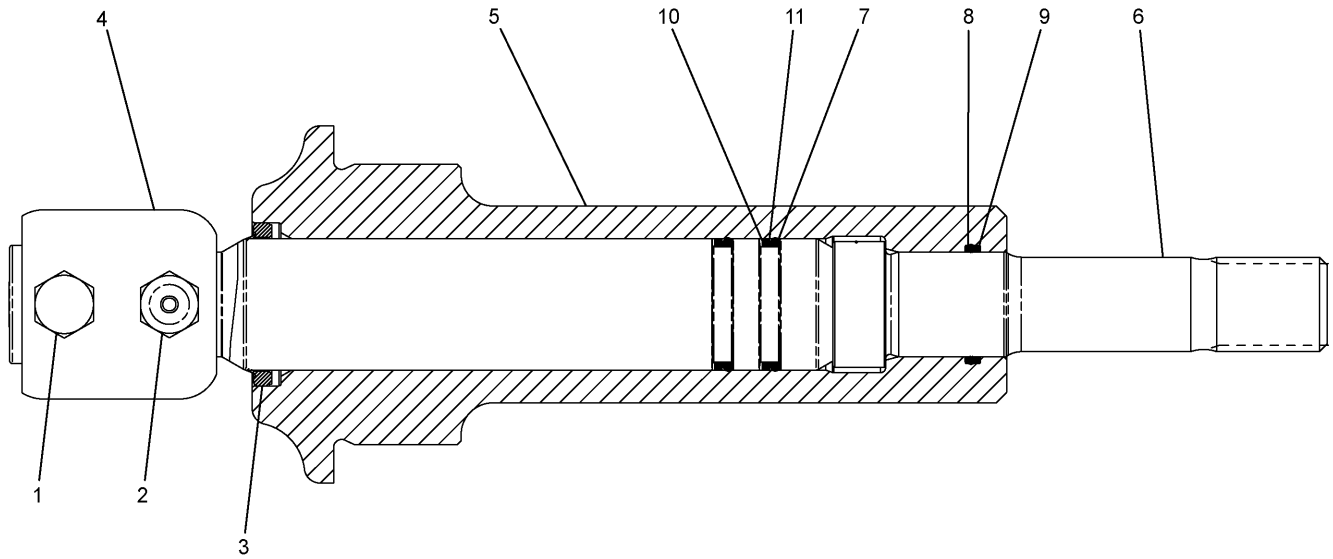


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	151-9751	2	BRACKET					
	2	235-7520	4	STEP					

H99702E 02

269-1645 FRAME AS-UNDERCARRIAGE

FRAME AND BODY

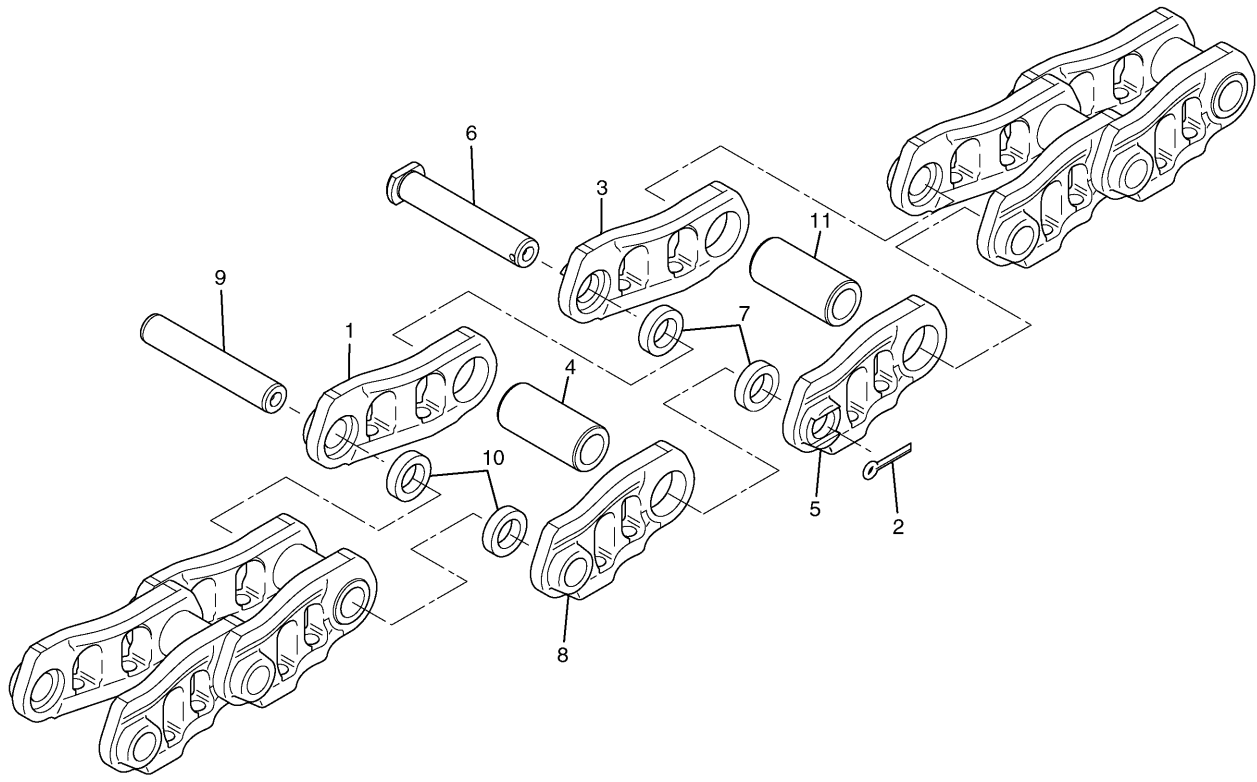


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	2S-5926	1	VALVE (RELIEF)					
	2	095-2927	1	VALVE (FILL)					
	3	095-7101	1	SEAL					
	4	248-7197	1	PISTON AS					
	5	297-9133	1	CYLINDER					
	6	297-9134	1	ROD					
	7	248-7172	2	SEAL					
	8	095-1701	1	SEAL-O-RING (ID=39.40mm)					
	9	096-4276	1	RING					
	10	099-0172	2	RING					
	11	099-0173	2	RING					

H98303E 01

297-9143 TRACK ADJUSTER & RECOIL GP
Part of 297-9142-Page272

FRAME AND BODY



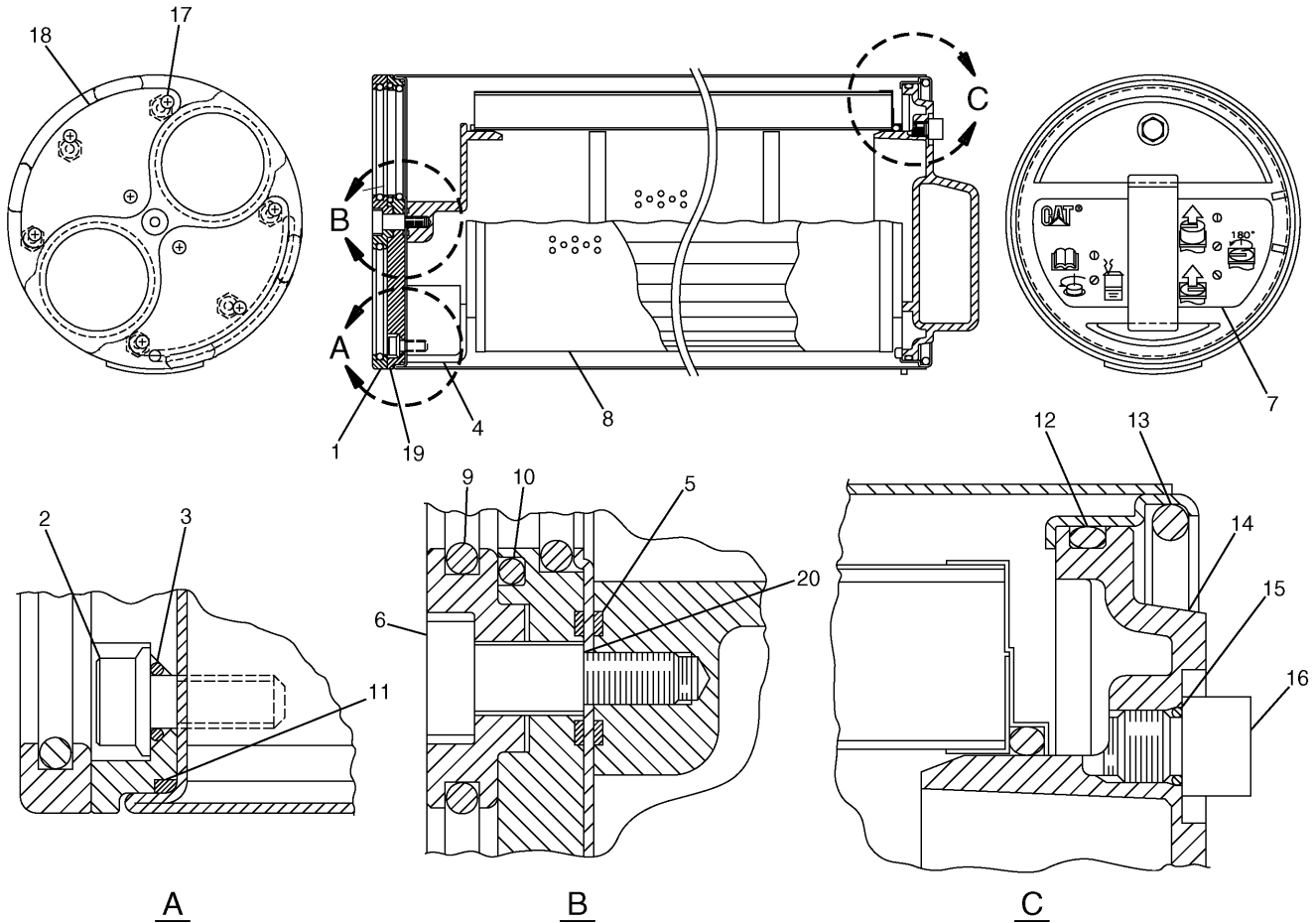
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	41-7476	42	LINK					
	2	095-0863	1	COTTER					
	3	41-7478	1	LINK					
	4	162-4306	1	BUSHING					
	5	41-7477	1	LINK					
	6	099-0653	1	PIN					
	7	176-4872	2	SEAL					
	8	41-7475	42	LINK					
	9	162-4305	42	PIN					
	10	162-4307	84	SEAL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

H71796E 01

176-4870 LINK AS-TRACK

Part of 176-4863,176-4864-Page280,176-4865-Page281,176-4869-Page282
An Attachment

HYDRAULIC SYSTEM

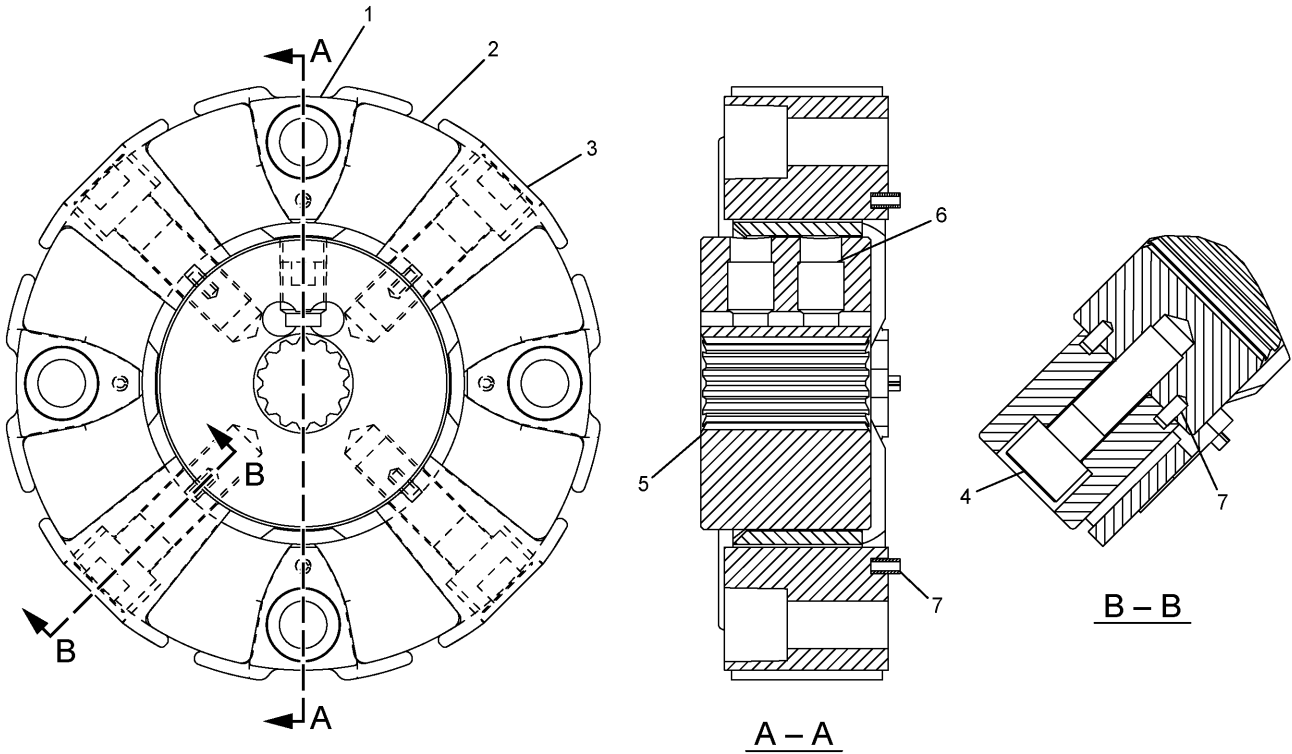


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	204-2762	1	PLATE					THE FOLLOWING REPAIR KIT IS AVAILABLE: SERVICE KIT (INCLUDES PARTS MARKED J)
J	2	173-3529	6	BOLT (L=15mm)					
J	3	3T-7528	6	SEAL-O-RING (ID=5.80mm)			201-9299	1	
	4	173-3513	1	BASE					
J	5	3E-4297	2	SEAL-O-RING (ID=10.00mm)					
	6	137-3626	1	BOLT					
	7	188-4143	1	FILM (INSTRUCTION)					
	8	179-9806	1	ELEMENT					
J	9	137-3623	4	SEAL-O-RING (ID=55.60mm)					
J	10	6V-7658	2	SEAL-O-RING (ID=59.40mm)					
J	11	177-2553	1	SEAL-O-RING (ID=149.50mm)					
J	12	095-1681	1	SEAL-O-RING (ID=144.40mm)					
	13	173-3515	1	RING					
	14	173-3516	1	HANDLE					
J	15	4J-7533	1	SEAL-O-RING (ID=6.07mm)					
J	16	9S-4180	1	PLUG					
J	17	137-3624	8	SCREW					
J	18	137-3625	2	PAD					
	19	173-3517	1	PLATE					
J	20	137-3628	1	SHIM (T=0.10mm)					

H77561E 02

188-4142 FILTER GP-HYDRAULIC
 Part of 188-4145-Page290

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	7Y-1900	4	INSERT					
	2	7Y-1901	1	ELEMENT					
	3	7Y-1902	4	INSERT					
	4	7Y-1904	4	BOLT (L=50mm)					
	5	248-7284	1	HUB					
	6	7Y-0466	2	SETSCREW					
	7	7Y-0468	12	PIN					

H96844E 02

266-6280 COUPLING GP-PUMP
Part of 255-3027-Page300

HYDRAULIC SYSTEM

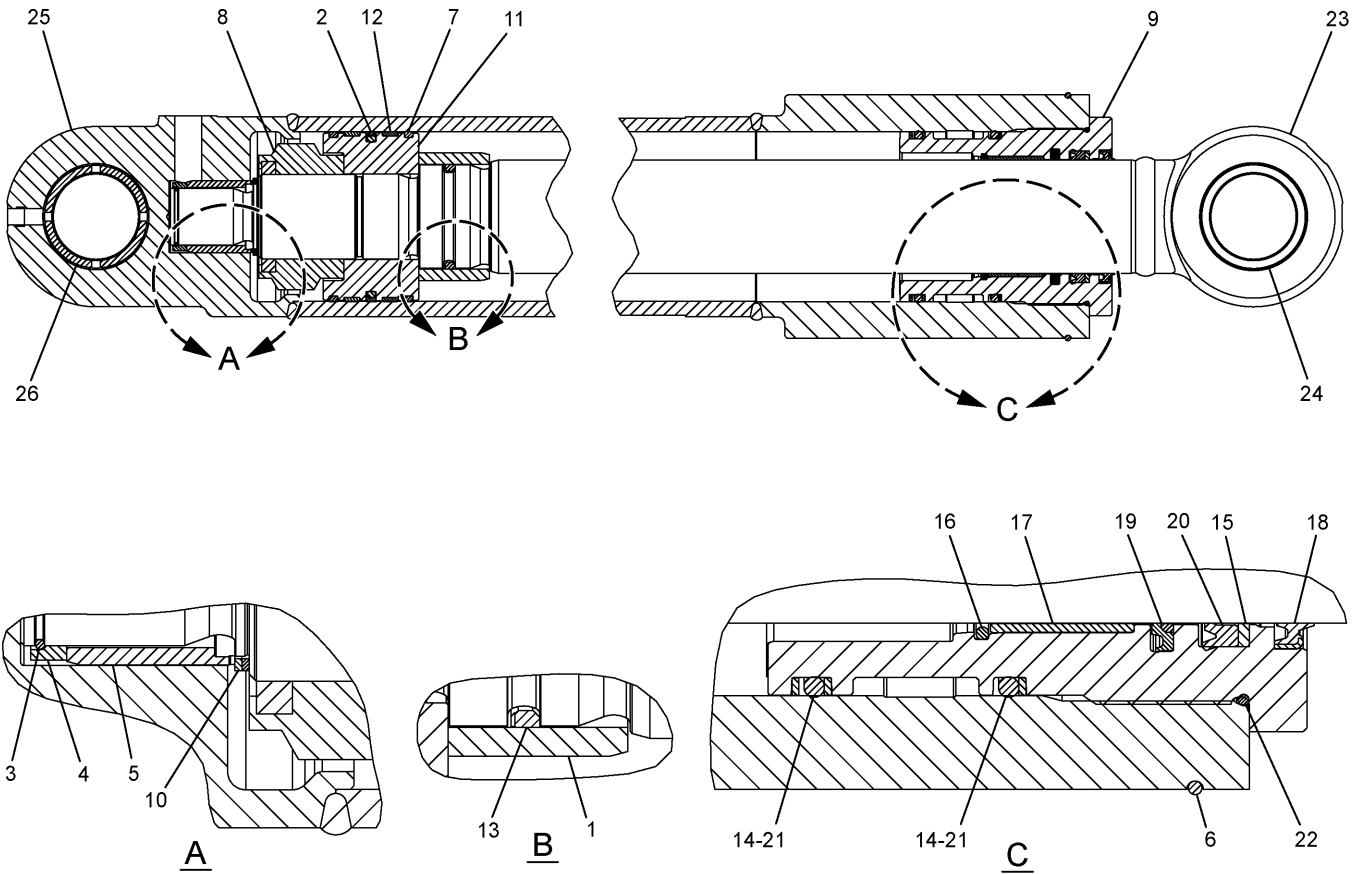
Consists of :

		Page
1	194-8989 LINES GP-STICK CYLINDER.....	330
1	289-7712 CYLINDER & SEAL GP-STICK.....	315

H98904E 01

289-7711 CYLINDER & LINES GP-STICK
Part of 260-7189,283-9052-Page607
An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	51-3046	1	STOP	J	21	095-1628	2	SEAL-O-RING (ID=109.60mm)
J	2	9X-3592	1	SEAL AS	J	22	095-1676	1	SEAL-O-RING (ID=119.40mm)
	3	103-8441	1	RING		23	289-8082	1	ROD AS
	4	103-8442	1	RING		24	273-6812	1	BEARING
	5	105-7398	1	STOP		25	289-7714	1	CYLINDER AS
	6	123-2002	1	RING		26	273-6812	1	BEARING
J	7	143-8027	2	RING					
	8	143-8151	1	LOCKNUT					
	9	173-3358	1	HEAD					
J	10	8T-4241	2	RING			289-7716	1	SEAL KIT
	11	283-5939	1	PISTON					
J	12	283-5940	2	RING					
J	13	283-5972	1	RING					
J	14	099-0681	3	RING					
J	15	096-1054	1	RING					
	16	096-8139	1	RING					
	17	114-0755	1	BEARING					
J	18	165-9285	1	SEAL					
J	19	170-9843	1	SEAL					
J	20	170-9859	1	SEAL					

THE FOLLOWING REPAIR
KIT IS AVAILABLE:

H97867E 01

289-7713 CYLINDER GP-STICK
Part of 289-7712-Page315
An Attachment

MEMORANDA

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MEMORANDA

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	41-1676	2	CLIP					
	2	128-7624	1	FLANGE					
	3	6V-9007	1	ELBOW					
	4	202-7000	1	COUPLING AS					
	5	253-6276	2	PLATE					
	6	270-5672	1	VALVE GP					
	7	270-5757	1	VALVE GP					
	8	278-6756	1	HOSE AS					
	9	282-5902	1	SUPPORT AS					
	10	302-9461	1	TUBE AS					
	11	302-9463	1	TUBE AS					
	12	302-9465	1	TUBE AS					
	13	302-9484	1	SUPPORT AS					
	14	302-9487	1	HOSE AS					
	15	302-9491	1	HOSE AS					
	16	6V-9854	1	ELBOW					
	17	9S-4183	2	PLUG					
	18	9S-4185	1	PLUG					
	19	6V-8785	1	TEE					
	20	1P-3703	1	SEAL					
	21	5K-9090	6	SEAL-O-RING (OD=27.22mm)					
	22	6V-9746	6	SEAL-O-RING (OD=22.50mm)					
	23	7M-8485	2	SEAL-O-RING (ID=29.74mm)					
	24	7X-2549	4	BOLT (L=100mm)					
	25	7Y-3732	6	CLIP					
	26	7Y-4868	10	CLIP					
	27	8T-4139	6	BOLT (L=30mm)					
	28	8T-4184	4	BOLT (L=45mm)					
	29	8T-4192	4	BOLT (L=25mm)					
	30	8T-4223	32	WASHER					
	31	8T-4956	12	BOLT (L=35mm)					
	32	8T-5041	2	BOLT (L=120mm)					
	33	3D-2824	3	SEAL-O-RING (ID=23.47mm)					
	34	3K-0360	1	SEAL-O-RING (ID=16.36mm)					

H99646E 00

282-5542 LINES GP-AUXILIARY HYDRAULIC
 Part of 294-6360-Page345
 An Attachment

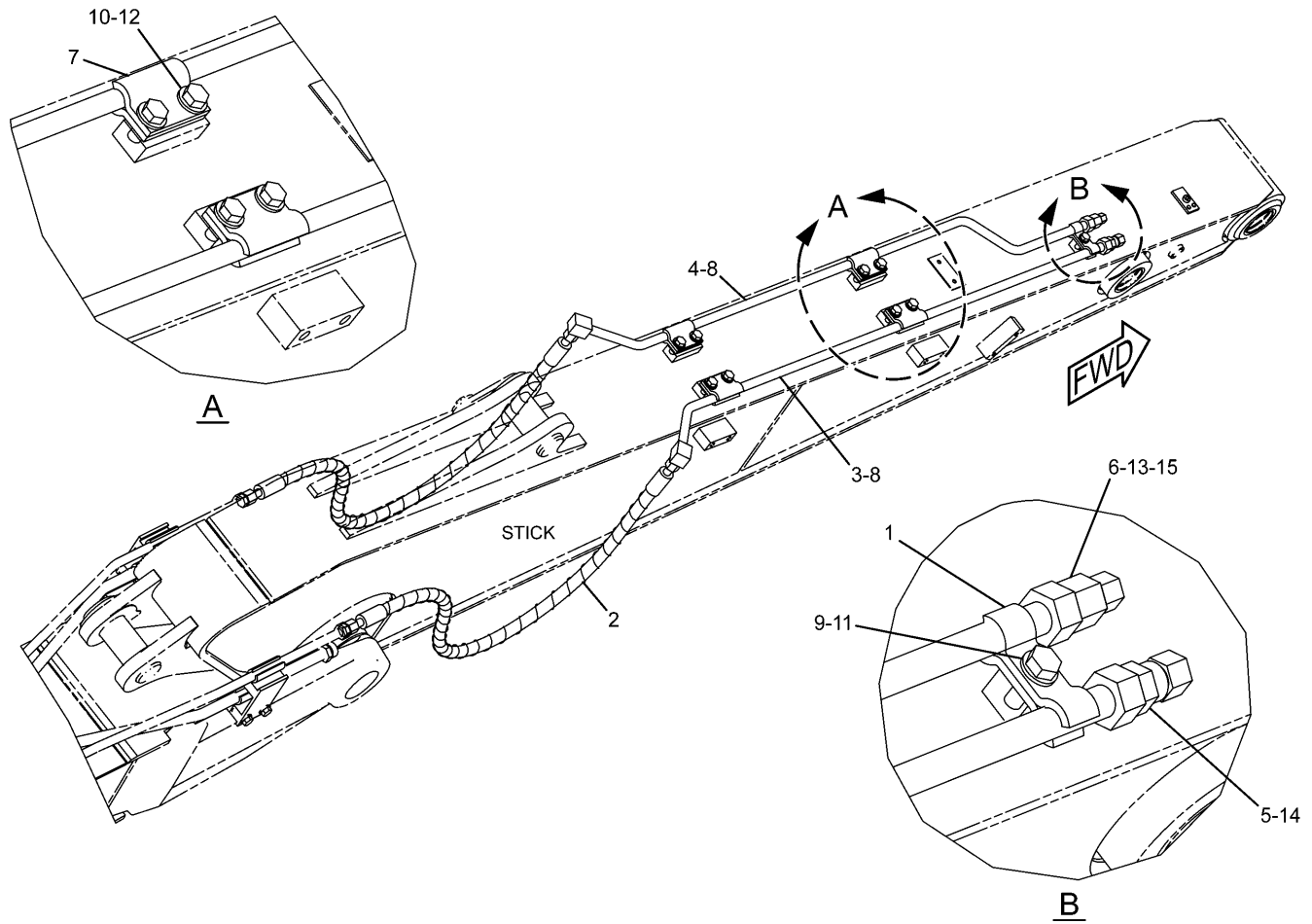
HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6C-6760	2	MANIFOLD					
	2	149-1738	8	CLIP					
	3	7X-3164	2	ADAPTER					
	4	288-7693	2	PLATE					
	5	288-7694	2	SUPPORT AS					
	6	288-7696	2	SUPPORT AS					
	7	288-7722	2	TUBE AS					
	8	288-7723	2	HOSE AS					
	9	6V-8398	4	SEAL-O-RING (OD=16.03mm)					
	10	8T-4121	4	WASHER					
	11	8T-4136	4	BOLT (L=25mm)					
	12	8T-4139	8	BOLT (L=30mm)					
	13	8T-4185	4	BOLT (L=50mm)					
	14	8T-4192	8	BOLT (L=25mm)					
	15	8T-4223	16	WASHER					
	16	105-3479	4	BOLT (L=90mm)					
	17	8T-4648	8	BOLT (L=70mm)					
	18	3K-0360	2	SEAL-O-RING (ID=16.36mm)					
	19	8T-7971	8	WASHER					

H98694E 01

288-7399 LINES GP-AUXILIARY HYDRAULIC
 Medium Pressure Lines/R2.5 Stick
 An Attachment

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	198-0370	2	CLIP					
	2	277-1251	2	HOSE AS					
	3	288-7727	1	TUBE AS					
	4	288-7730	1	TUBE AS					
	5	6V-8936	1	REDUCER AS					
	6	6V-8935	1	REDUCER					
	7	5Q-4212	8	CLIP					
	8	6V-8398	4	SEAL-O-RING (OD=16.03mm)					
	9	8T-4121	1	WASHER					
	10	8T-4139	8	BOLT (L=30mm)					
	11	8T-4195	1	BOLT (L=30mm)					
	12	8T-4223	8	WASHER					
	13	9X-6582	1	NUT					
	14	6V-8397	1	SEAL-O-RING (OD=12.83mm)					
	15	4J-5477	1	SEAL-O-RING (OD=11.23mm)					

H98030E 01

282-5633 LINES GP-QUICK COUPLER
R2.6 Stick
An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8 T-4985	4	CLAMP					
	2	285-2598	1	PIPE AS					
	3	285-2603	1	GROMMET					
	4	285-2604	1	GROMMET					
	5	285-2605	1	HOSE AS					
	6	285-2609	1	HOSE AS					
	7	285-2863	1	HOSE					
	8	296-7224	1	PLATE AS					
		6F-6405	2	SPACER					
	9	319-9938	1	PLATE AS					
		6F-6405	1	SPACER					
	10	319-9958	1	SPACER					
	11	108-1781	4	BOLT (L=35mm)					
	12	131-5879	1	WASHER					
	13	9S-4183	1	PLUG					
	14	8T-4149	2	ELBOW					
	15	6J-2680	1	SEAL-O-RING (ID=69.44mm)					
	16	8T-4121	3	WASHER					
	17	8T-4195	4	BOLT (L=30mm)					
	18	3D-2824	1	SEAL-O-RING (ID=23.47mm)					
	19	6V-9746	2	SEAL-O-RING (OD=22.50mm)					
	20	7M-8485	2	SEAL-O-RING (ID=29.74mm)					

H99727E 03

282-7228 LINES GP-PUMP

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	41-9521	2	BAND (L1,RED)		52	5P-4325	1	CLIP
	2	41-9522	2	BAND (L2,YELLOW)		53	6V-9168	8	NUT
	3	41-9523	2	BAND (L3,BLUE)		54	8T-4121	19	WASHER
	4	41-9524	2	BAND (L4,BROWN)		55	8T-4137	17	BOLT (L=20mm)
	5	41-9525	4	BAND (R1,ORANGE)		56	8T-4189	2	BOLT (L=20mm)
	6	41-9526	2	BAND (R2,WHITE)		57	8T-4198	2	BOLT (L=100mm)
	7	41-9527	4	BAND (R3,GREEN)		58	8T-4224	2	WASHER
	8	41-9528	2	BAND (R4,PURPLE)		59	3J-1907	38	SEAL-O-RING (ID=11.89mm)
	9	6V-0852	1	CAP		60	6V-8397	47	SEAL-O-RING (OD=12.83mm)
	10	7K-1181	8	STRAP		61	3K-0360	2	SEAL-O-RING (ID=16.36mm)
	11	087-5766	1	HOSE AS (NOM 06, L=680mm)		62	6V-8398	2	SEAL-O-RING (OD=16.03mm)
	12	087-5768	1	HOSE AS (NOM 06, L=730mm)					
	13	133-5813	6	BAND (P,GRAY)					
	14	3E-7410	1	TEE					
	15	107-6631	3	CONNECTOR					
	16	108-7516	1	FITTING					
	17	085-7356	1	FITTING					
	18	126-6872	1	TEE					
	19	168-9759	1	BLOCK					
	20	184-9336	1	SUPPORT					
	21	236-2848	1	HOSE AS (NOM 06, L=1090mm)					
Y	22	310-0415	1	VALVE GP					
	23	272-4471	1	SUPPORT AS					
	24	272-4558	1	SUPPORT AS					
	25	282-7166	1	HOSE AS (NOM 06, L=1170mm)					
	26	289-5651	2	HOSE AS (NOM 06, L=1650mm)					
	27	289-5652	1	HOSE AS (NOM 06, L=1600mm)					
	28	289-5653	1	HOSE AS (NOM 06, L=1680mm)					
	29	289-5654	1	HOSE AS (NOM 06, L=1180mm)					
	30	289-5655	1	HOSE AS (NOM 06, L=1110mm)					
	31	289-5656	1	HOSE AS (NOM 06, L=1140mm)					
	32	289-5657	2	HOSE AS (NOM 06, L=1090mm)					
	33	289-5658	1	HOSE AS (NOM 06, L=1080mm)					
Y	34	297-0683	1	VALVE GP					
	35	307-5099	1	SUPPORT					
	36	307-5153	1	HOSE AS (NOM 06, L=340mm)					
	37	309-5769	1	SWITCH AS (PRESSURE)					
		102-8802	1	RECEPTACLE KIT					
		9X-3401	2	PIN					
	38	319-9977	1	SUPPORT					
	39	319-9978	1	HOSE AS (NOM 06, L=360mm)					
	40	319-9981	1	HOSE AS (NOM 06, L=480mm)					
	41	099-7241	8	WASHER					
	42	6V-8636	15	CONNECTOR					
	43	6V-9001	1	ELBOW					
	44	6V-8625	2	ELBOW					
	45	6V-8987	8	ELBOW					
	46	6V-8724	7	ELBOW					
	47	9S-4191	4	PLUG					
	48	6V-8781	1	TEE					
	49	8T-1905	1	ELBOW					
	50	3E-2310	1	TEE					
	51	6V-3965	1	NIPPLE AS					

Y-SEE SEPARATE ILLUSTRATION

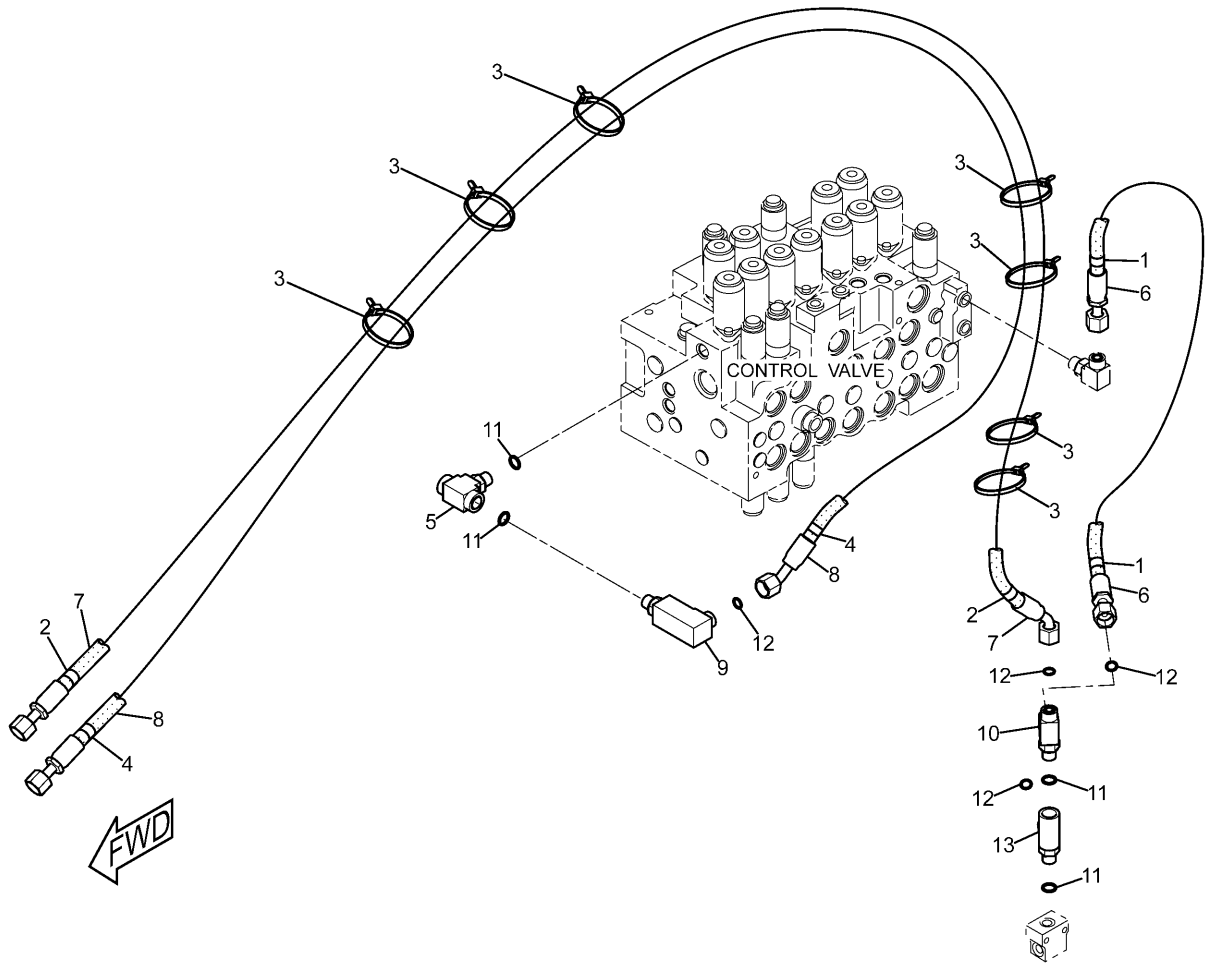
HA2206E 04

282-7230 LINES GP-PILOT
Cab

310-0415-Page494,297-0683-Page513

MEMORANDA

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	41-9521	2	BAND (L1,RED)					
	2	41-9523	2	BAND (L3,BLUE)					
	3	7K-1181	7	STRAP					
	4	133-5813	2	BAND (P,GRAY)					
	5	8C-8431	1	TEE					
E	6	51-4076	1	HOSE AS (NOM 06, L=1350mm)					
		205-3717		HOSE··(129cm)					
	7	320-0109	1	HOSE AS (NOM 06, L=2480mm)					
	8	320-0112	1	HOSE AS (NOM 06, L=2740mm)					
	9	8T-1905	1	ELBOW					
	10	6V-8781	1	TEE					
	11	3J-1907	4	SEAL-O-RING (ID=11.89mm)					
	12	6V-8397	4	SEAL-O-RING (OD=12.83mm)					
	13	126-6872	1	TEE					

E-ORDER BY THE CENTIMETER

HA0331E 01

282-7288 LINES GP-PILOT
 Stick Lowering Control
 Part of 297-0200-Page382
 An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5 P-5148	5	STRAP					
	2	7 K-1181	2	STRAP					
	3	8 T-4223	3	WASHER					
	4	286-6431	1	SUPPORT AS					
	5	286-6433	1	HOSE AS					
	6	286-6445	1	HOSE AS					
	7	307-5241	1	HOSE AS					
	8	208-3110	1	CONNECTOR					
	9	6 V-9007	1	ELBOW					
	10	6 V-9853	1	ELBOW					
	11	8 T-0197	1	CONNECTOR					
	12	5 P-7468	1	CLIP					
	13	5 P-7469	1	CLIP					
	14	6 V-1874	1	GROMMET					
	15	8 T-4139	1	BOLT (L=30mm)					
	16	8 T-4192	2	BOLT (L=25mm)					
	17	3 D-2824	1	SEAL-O-RING (ID=23.47mm)					
	18	6 V-9746	4	SEAL-O-RING (OD=22.50mm)					
	19	7 M-8485	2	SEAL-O-RING (ID=29.74mm)					
	20	285-1328	1	CONNECTOR AS					
	21	6 V-9746	1	SEAL-O-RING (OD=22.50mm)					
	22	095-1592	1	SEAL-O-RING (ID=23.70mm)					

H99713E 01

282-7253 LINES GP-FRONT
 Part of 270-5994-Page378
 An Attachment

HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	6V-0852	1	CAP					
	2	7K-1181	6	STRAP					
	3	093-1295	2	CLAMP					
	4	139-1762	2	HOSE AS					
	5	139-1765	2	HOSE AS					
	6	8T-6684	1	ELBOW					
	7	8T-0404	1	ELBOW					
	8	6V-9852	2	ELBOW					
	9	7X-0872	1	TEE					
	10	6V-9003	1	ELBOW					
	11	6V-3965	1	NIPPLE AS					
	12	179-7874	1	TUBE AS					
	13	179-7875	1	TUBE AS					
	14	207-6269	1	HOSE AS					
	15	245-5232	1	HOSE AS					
	16	118-4569	1	TEE					
	17	266-0982	2	GUARD					
	18	285-2897	1	HOSE AS					
	19	286-6749	1	HOSE AS					
	20	296-7201	1	HOSE AS					
	21	310-0234	1	VALVE GP					
	22	337-1249	1	SUPPORT AS					
	23	6V-8642	1	CONNECTOR					
	24	6V-8713	2	CONNECTOR					
	25	6V-8632	2	CONNECTOR					
	26	6V-9005	1	ELBOW					
	27	6V-8722	2	ELBOW					
	28	7J-9108	17	SEAL-O-RING (OD=19.28mm)					
	29	8T-4183	2	BOLT (L=40mm)					
	30	8T-4194	2	BOLT (L=50mm)					
	31	8T-4223	5	WASHER					
	32	8T-4224	3	WASHER					
	33	8T-7547	3	BOLT (L=30mm)					
	34	2M-9780	2	SEAL-O-RING (ID=19.18mm)					
	35	3D-2824	5	SEAL-O-RING (ID=23.47mm)					
	36	3K-0360	4	SEAL-O-RING (ID=16.36mm)					
	37	5K-9090	2	SEAL-O-RING (OD=27.22mm)					
	38	7M-8485	1	SEAL-O-RING (ID=29.74mm)					
	39	3J-1907	1	SEAL-O-RING (ID=11.89mm)					
	40	6V-9746	1	SEAL-O-RING (OD=22.50mm)					
	41	8T-4139	2	BOLT (L=30mm)					

HA3494E 03

282-7236 LINES GP-BLADE CYLINDER
 Part of 260-7210-Page613
 An Attachment

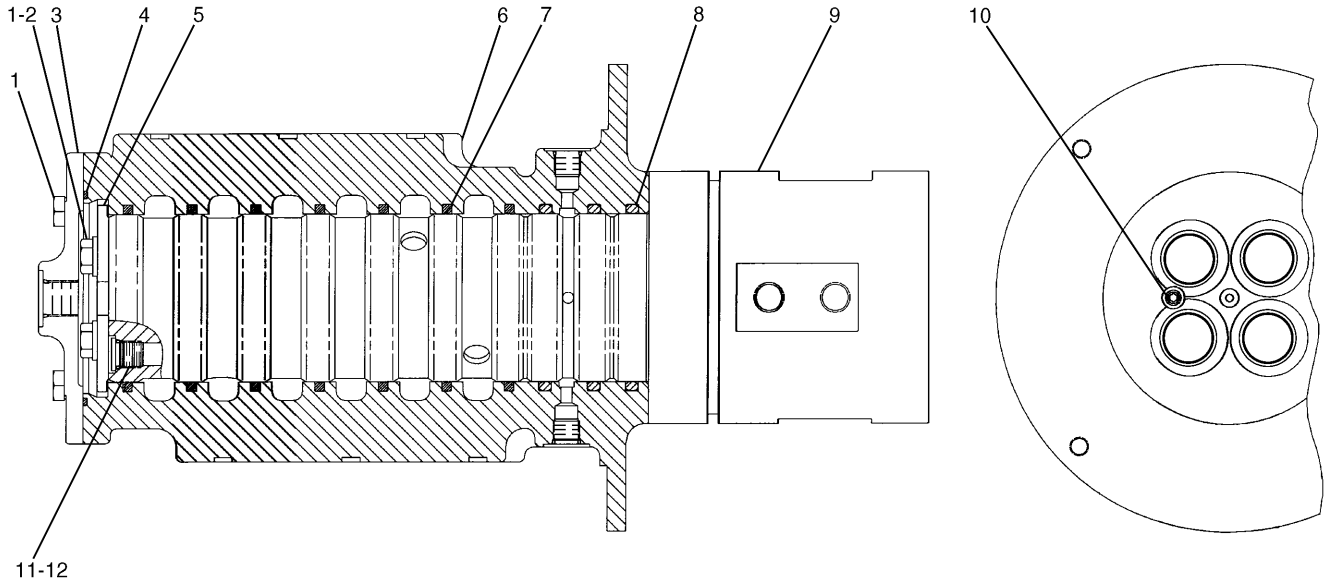
HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	191-2600	3	GEAR (Z=21)					
	2	191-2599	1	CARRIER					
	3	191-2604	3	PIN					
	4	191-2603	3	SHAFT					
	5	191-2609	3	SHAFT					
	6	191-2605	1	WASHER					
	7	191-2611	1	GEAR (Z=14/16)					
	8	191-2612	1	GEAR (Z=19)					
	9	114-8224	1	BOLT (L=55mm)					
	10	191-2613	1	GEAR (Z=59)					
	11	093-6089	2	DOWEL					
	12	095-0893	1	PIN					
	13	71-7625	1	BEARING AS					
	14	191-2615	1	HOUSING					
	15	191-2614	1	SHAFT					
B	16	71-7632	1	SPACER (T=69.50mm)					
B		71-7633	1	SPACER (T=69.80mm)					
B		71-7634	1	SPACER (T=70.10mm)					
B		71-7635	1	SPACER (T=70.40mm)					
B		71-7636	1	SPACER (T=70.70mm)					
	17	71-7626	1	BEARING AS					
	18	8T-4195	8	BOLT (L=30mm)					
	19	8T-4121	8	WASHER					
	20	099-0233	1	SEAL					
	21	099-0235	1	CAGE					
B	22	71-7638	1	SPACER (T=10.00mm)					
B		71-7639	1	SPACER (T=10.03mm)					
B		71-7640	1	SPACER (T=10.05mm)					
B		71-7641	1	SPACER (T=10.08mm)					
B		71-7642	1	SPACER (T=10.10mm)					
B		71-7643	1	SPACER (T=10.12mm)					
B		71-7644	1	SPACER (T=10.15mm)					
B		71-7645	1	SPACER (T=10.18mm)					
B		71-7646	1	SPACER (T=10.20mm)					
B		71-7647	1	SPACER (T=10.23mm)					
B		71-7648	1	SPACER (T=10.25mm)					
B		71-7649	1	SPACER (T=10.28mm)					
	23	191-2607	1	CARRIER					
	24	114-8223	1	RETAINER					
	25	191-2610	3	PIN					
	26	191-2602	12	WASHER					
	27	191-2601	9	BEARING					
	28	191-2608	3	GEAR (Z=20)					
B	29	1U-8846		GASKET MAKER... (3ml)					

B—USE AS REQUIRED

H72135E 03

HYDRAULIC SYSTEM

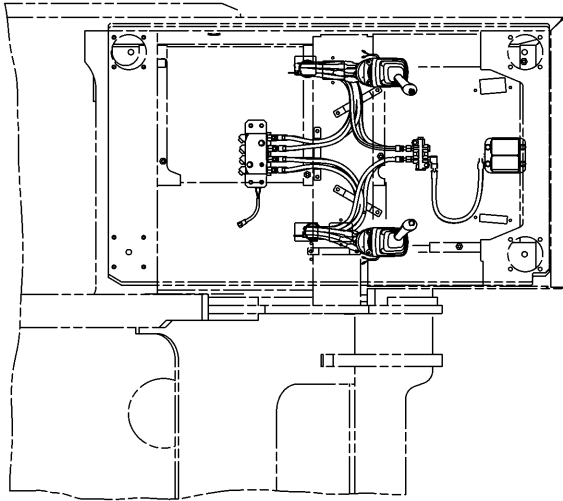


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	8 T-4 1 3 6	6	BOLT (L=25mm)					
	2	8 T-4 1 2 1	2	WASHER					
	3	5 I-4 3 6 3	1	COVER					
	4	0 9 5-1 7 1 6	1	SEAL-O-RING (ID=109.40mm)					
	5	7 I-7 3 2 1	1	RETAINER					
	6	1 1 4-8 2 4 9	1	HOUSING					
	7	1 5 9-7 7 8 2	7	SEAL					
	8	0 9 5-1 6 2 5	3	SEAL-O-RING (ID=89.60mm)					
	9	1 1 4-8 2 5 0	1	ROTOR					
	10	8 T-6 7 5 9	1	PLUG					
	11	3 J-1 9 0 7	2	SEAL-O-RING (ID=11.89mm)					
	12	9 S-8 0 0 4	2	PLUG					

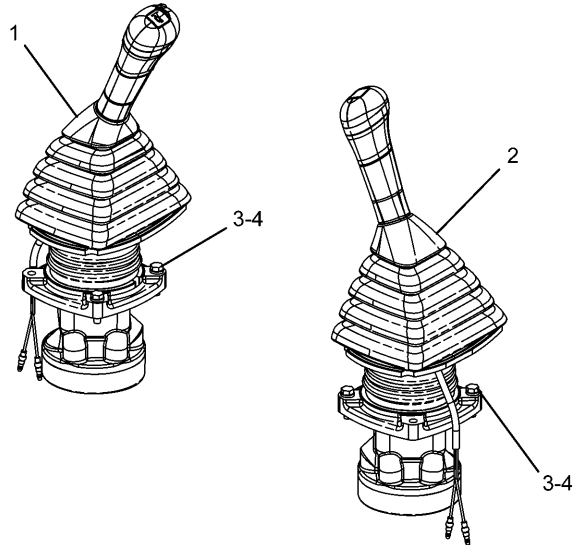
H82705E 01

162-4695 SWIVEL GP
Part of 296-7225-Page438.01
An Attachment

HYDRAULIC SYSTEM



TOP VIEW



PICTORIAL VIEW

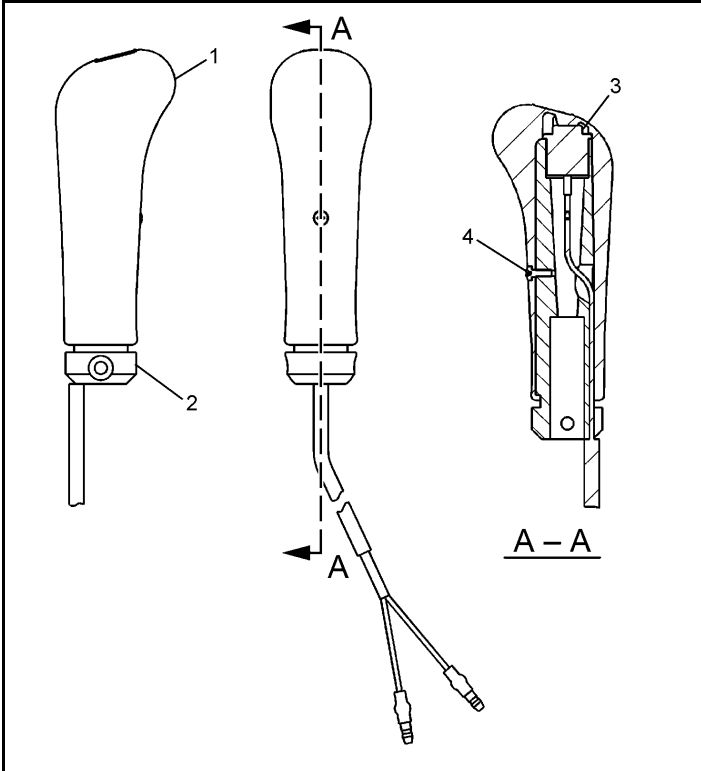
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	270-5951	1	VALVE GP (WORKING CONTROL)					
Y	2	270-5952	1	VALVE GP (WORKING CONTROL)					
	3	6V-7357	6	BOLT (L=25mm)					
	4	9X-8256	6	WASHER					

Y-SEE SEPARATE ILLUSTRATION

H92597E 01

259-7707 CONTROL & MTG GP-JOYSTICK
 S/N LCE 1-(T07.08)
 270-5951-Page450,270-5952-Page451
 An Attachment

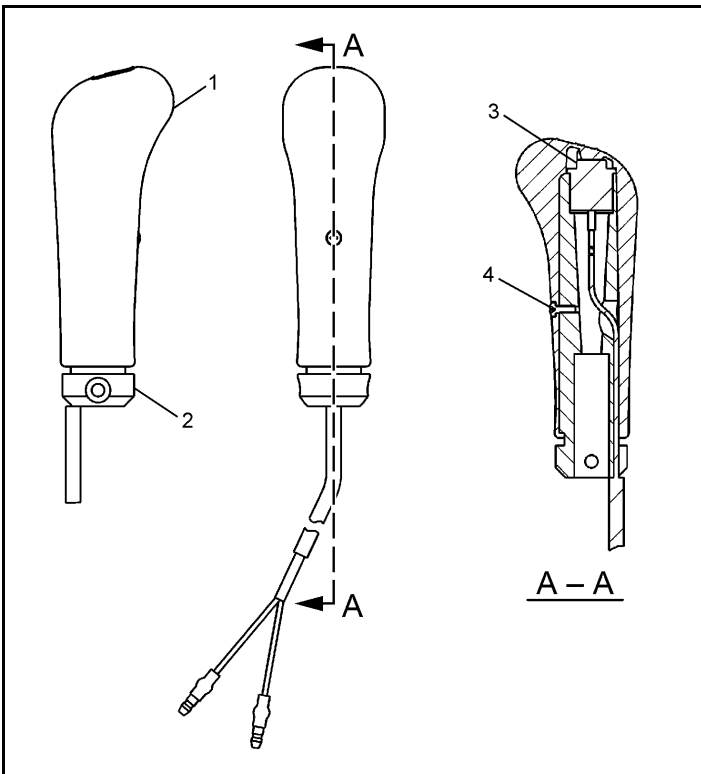
HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME
	1	245-7845	1	KNOB
	2	124-4009	1	SHAFT
	3	222-0225	1	SWITCH AS
	4	61-5298	1	SCREW

H87391E 00

245-7844 KNOB AS
Part of 235-8970-Page452
An Attachment



NOTE	No.	PART No.	QTY	PART NAME
	1	245-7843	1	KNOB
	2	124-4009	1	SHAFT
	3	222-0225	1	SWITCH AS
	4	61-5298	1	SCREW

H87384E 00

245-7842 KNOB AS
Part of 235-8969-Page452
An Attachment

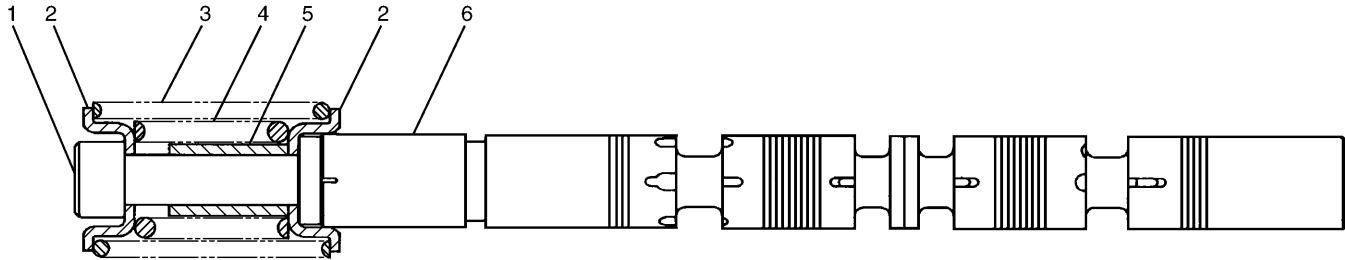
HYDRAULIC SYSTEM

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5A-3604	22	BOLT (L=25mm)					
	2	197-0165	20	BOLT					
	3	197-0167	1	PLATE					
	4	095-1578	4	SEAL-O-RING (ID=9.80mm)					
	5	095-1696	2	SEAL-O-RING (ID=24.40mm)					
	6	104-8107	5	BOLT					
	7	095-1698	3	SEAL-O-RING (ID=29.40mm)					
	8	197-0145	1	PLUG					
	9	095-1582	1	SEAL-O-RING (ID=13.80mm)					
	10	095-1585	1	SEAL-O-RING (ID=17.80mm)					
	11	197-0272	1	PLUG					
	12	5B-9304	2	SCREW					

H99856E 01

270-5960 VALVE GP-MAIN CONTROL (1/5)
Part of 285-1759-Page460

HYDRAULIC SYSTEM

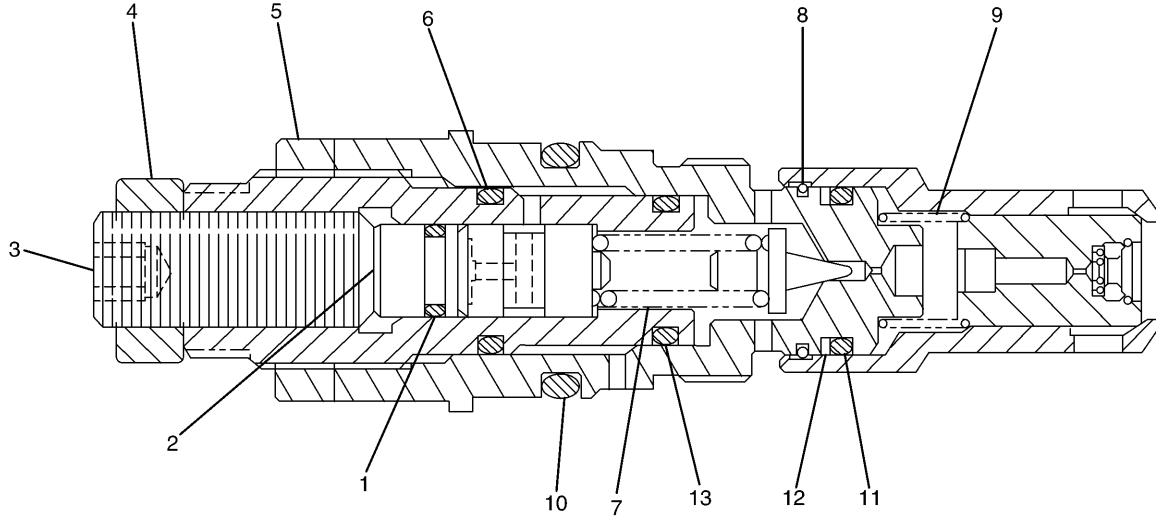


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	197-0148	1	BOLT					
	2	71-7203	2	SEAT					
	3	197-0152	1	SPRING					
	4	197-0150	1	SPRING					
	5	197-0149	1	STOPPER					
	6	197-0214	1	SPOOL					

H72154E 00

197-0213 VALVE GP-CONTROL
Part of 270-5960-Page467

HYDRAULIC SYSTEM



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	095-1575	1	SEAL-O-RING (ID=7.80mm)					
	2	71-8096	1	STOPPER					
	3	71-8098	1	SETSCREW					
	4	6V-8821	1	NUT					
	5	71-8100	1	NUT					
	6	095-1584	1	SEAL-O-RING (ID=15.80mm)					
	7	71-8087	1	SPRING					
	8	71-8095	1	RING					
	9	71-8081	1	SPRING					
	10	095-1593	1	SEAL-O-RING (ID=24.70mm)					
	11	095-1519	1	SEAL-O-RING (ID=15.80mm)					
	12	095-1783	1	RING					
	13	095-1582	1	SEAL-O-RING (ID=13.80mm)					

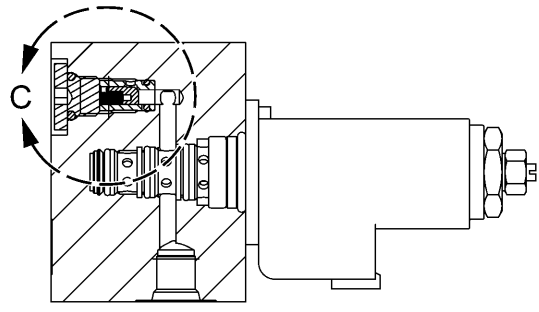
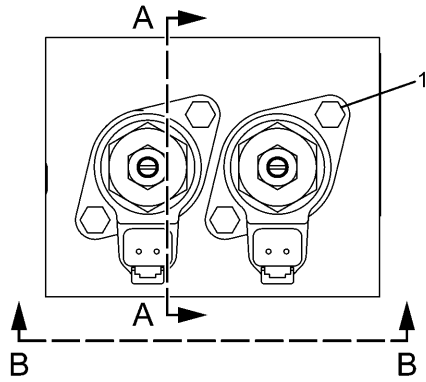
H98481E 00

270-5978 VALVE GP-RELIEF
Part of 270-5960-Page471

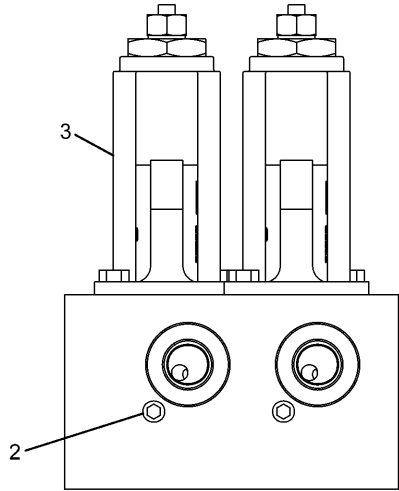
MEMORANDA

MEMORANDA

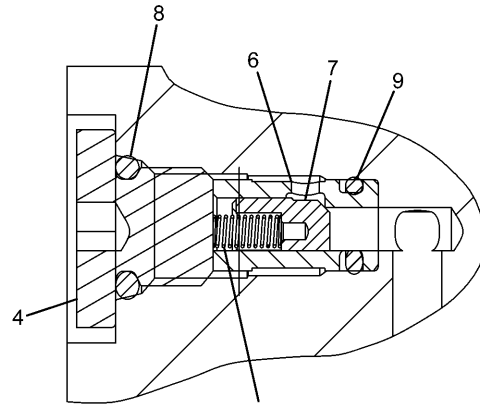
HYDRAULIC SYSTEM



A - A



B - B



C

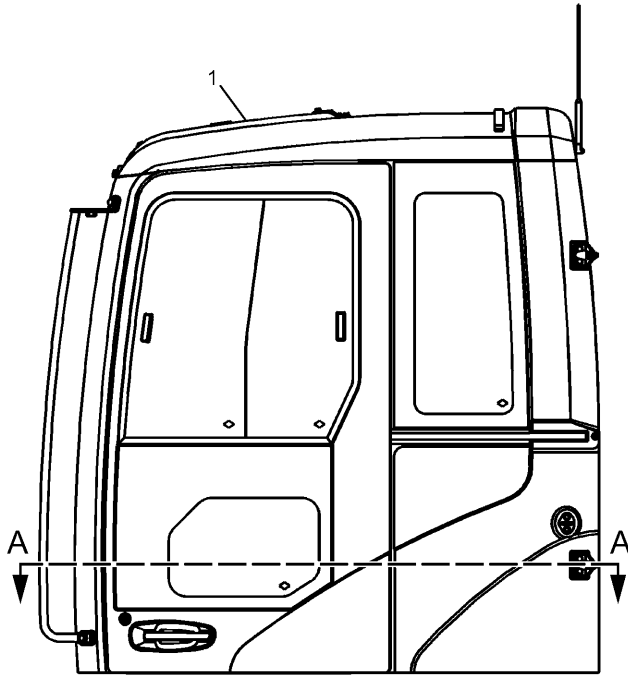
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	8 T - 0 2 8 8	4	BOLT (L=12mm)					
	2	7 I - 8 0 8 4	2	PLUG					
	3	1 1 1 - 9 9 1 6	2	VALVE GP					
	4	2 1 5 - 5 0 3 2	2	PLUG					
	5	2 1 5 - 5 0 3 3	2	SPRING					
	6	2 1 5 - 5 0 3 4	2	SEAT					
	7	2 1 5 - 5 0 3 5	2	VALVE					
	8	0 9 5 - 1 5 7 9	2	SEAL-O-RING (ID=10.80mm)					
	9	4 J - 5 4 7 7	2	SEAL-O-RING (OD=11.23mm)					

Y-SEE SEPARATE ILLUSTRATION

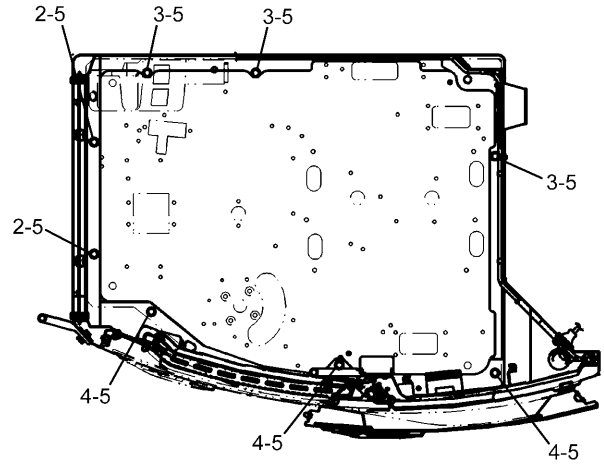
H98041E 00

297-0683 VALVE GP-PRESS REDUCING SOL
 Part of 282-7230-Page385
 111-9916-Page514

OPERATOR STATION



LEFT SIDE VIEW



A - A

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	342-3681	1	CAB GP					
	2	8T-6868	2	BOLT (L=80mm)					
	3	8T-4179	3	BOLT (L=20mm)					
	4	8T-4139	3	BOLT (L=30mm)					
	5	8T-4223	8	WASHER					

Y-SEE SEPARATE ILLUSTRATION

HA3488E 00

342-3680 CAB GP
 342-3681-Page533.01
 An Attachment

OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	127-3991	7	SNAP					
	2	196-1444	1	LOCK AS					
	3	9X-2042	25	SCREW					
	4	201-4528	2	SEAL					
	5	196-1446	1	ROLLER AS					
	6	8T-4224	7	WASHER					
	7	8T-4189	7	BOLT (L=20mm)					
Y	8	258-5761	1	WINDOW GP					
	9	196-1541	7	SPACER					
	10	207-0212	1	TAPE					
	11	196-1542	1	SEAL					
	12	139-6497	2	CLIP					
	13	196-1438	1	SEAL					
	14	207-0213	2	BOLT (L=10mm)					
	15	196-1439	1	HANDLE AS					
	16	196-1441	1	LOCK AS					
	17	196-1437	1	GLASS					
	18	196-1443	1	LOCK AS					
	19	196-1445	1	ROLLER AS					
	20	196-1538	1	SHIM					
	21	132-7627	2	BUMPER					
	22	196-1449	1	BRACKET					
	23	8T-4244	4	NUT					
	24	8T-4192	4	BOLT (L=25mm)					
	25	8T-4223	4	WASHER					
	26	273-5204	1	HANDLE AS					
	27	9X-2043	2	SCREW					
	28	196-1447	1	ROLLER AS					
	29	196-1462	1	COVER					
	30	196-1460	1	ROD					
	31	196-1451	1	LINK AS					
	32	196-1457	1	ROD					
	33	196-1458	1	ROD					
	34	5C-8312	6	NUT					
	35	096-6166	6	WASHER					
	36	196-1456	1	ROD					
	37	196-1455	1	ROD					
	38	196-1442	1	LINK AS					
	39	095-0736	4	SCREW					
	40	196-1454	1	ROD					
	41	196-1450	1	LINK AS					
	42	196-1452	1	ROD					
	43	196-1453	1	ROD					
	44	196-1463	1	COVER					
	45	196-1539	1	SEAL					
	46	196-1461	1	CLIP					
	47	196-1459	1	ROD					
	48	196-1448	1	BRACKET					
	49	127-3959	2	SHIM (T=1.00mm)					
	50	127-3958	2	STRIKER					

Y-SEE SEPARATE ILLUSTRATION

H99653E 00

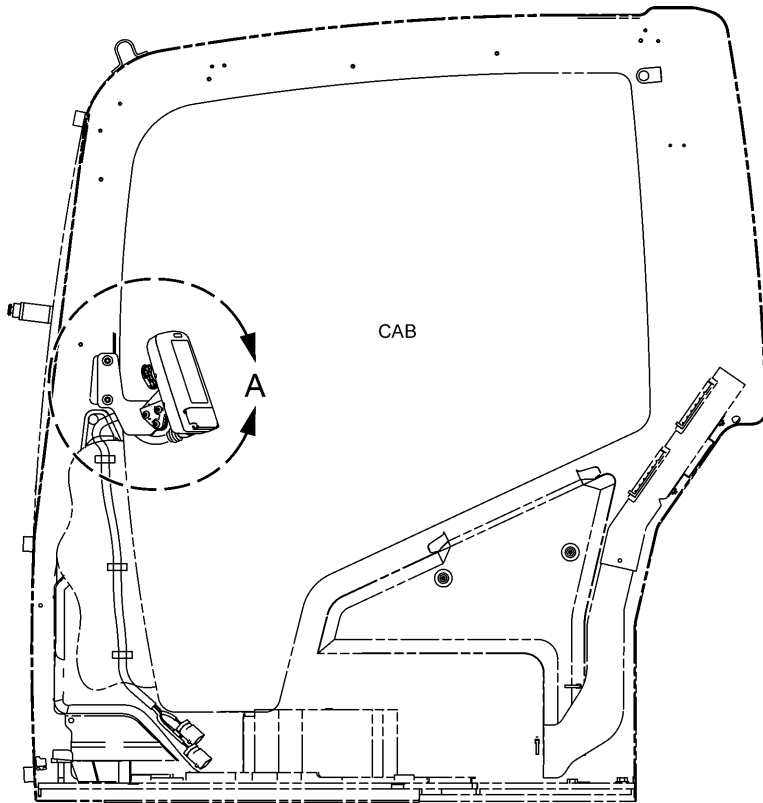
273-5227 DOOR GP-CAB

Part of 259-7273-Page531

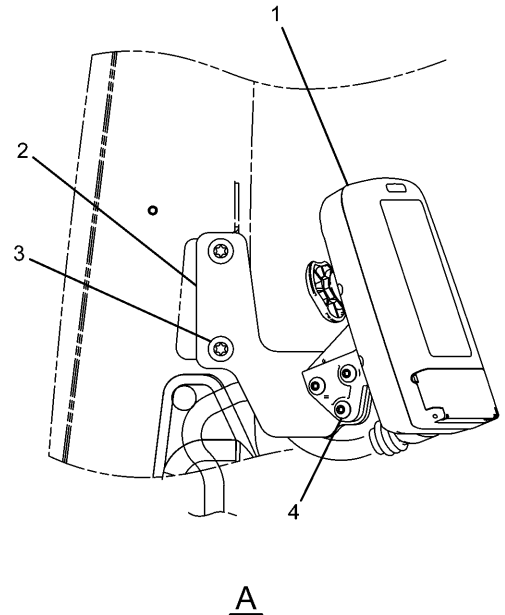
258-5761-Page539

An Attachment

OPERATOR STATION



LEFT SIDE VIEW

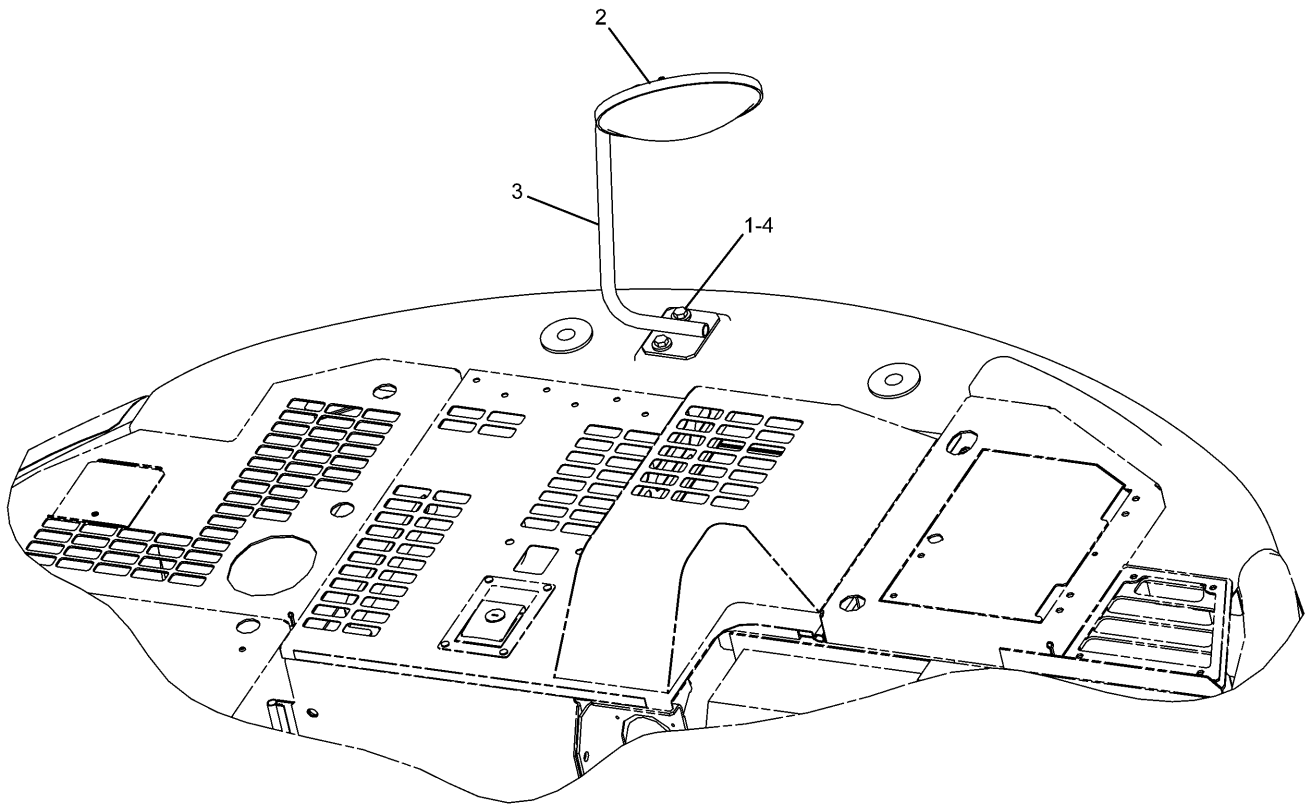


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	327-7484	1	MONITOR GP					
	2	270-5507	1	BRACKET					
	3	9X-2040	2	SCREW					
	4	9X-2046	3	SCREW					

Y-SEE SEPARATE ILLUSTRATION

HA2229E 02

OPERATOR STATION

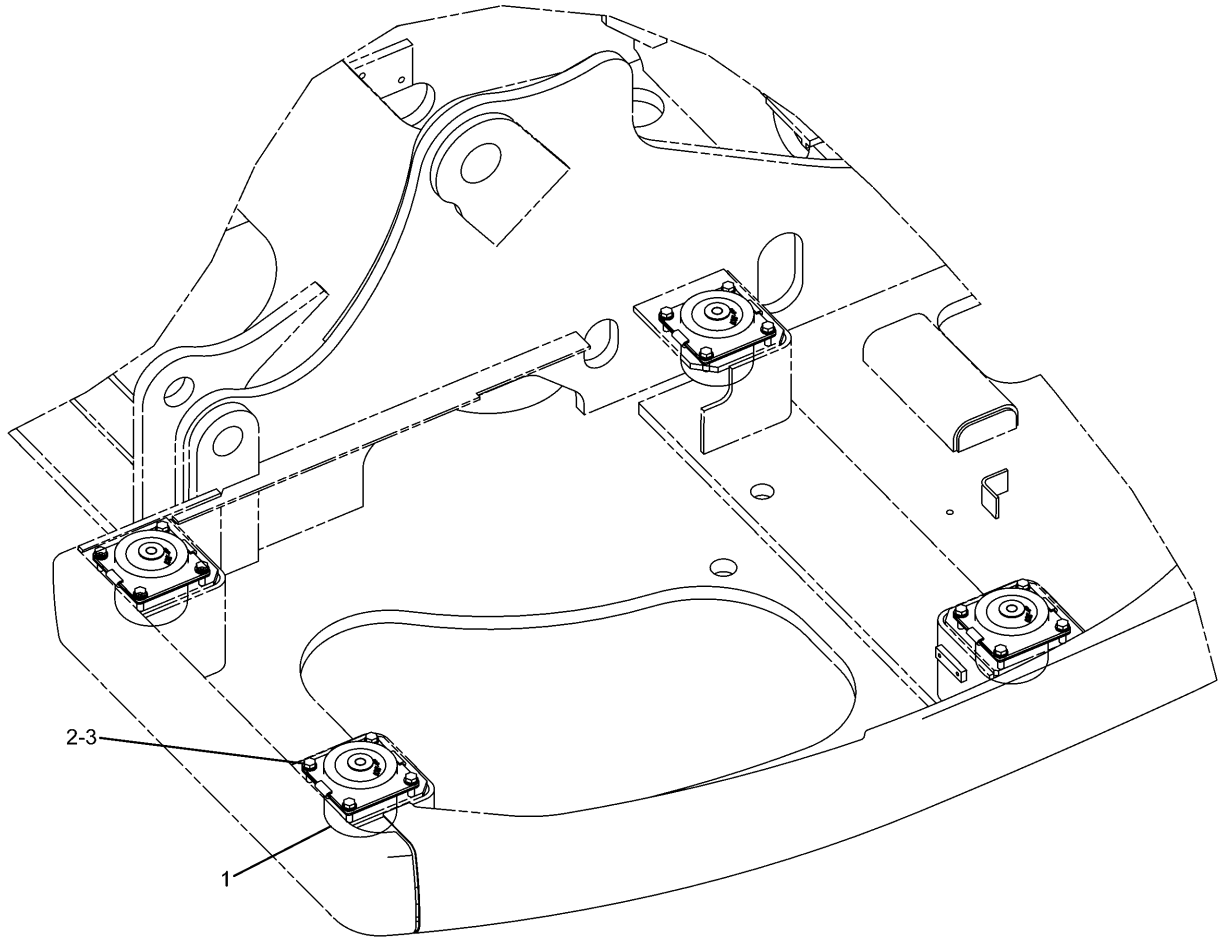


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	5 P-1076	2	WASHER					
	2	162-3548	1	MIRROR					
	3	286-6157	1	SUPPORT AS					
	4	8T-4179	2	BOLT (L=20mm)					

H97618E 01

278-3976 MIRROR GP-REAR VIEW

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	196-1601	4	MOUNT AS					
	2	8T-4121	16	WASHER					
	3	8T-4195	16	BOLT (L=30mm)					

H97942E 00

305-0366 MOUNTING GP-PLATFORM

OPERATOR STATION

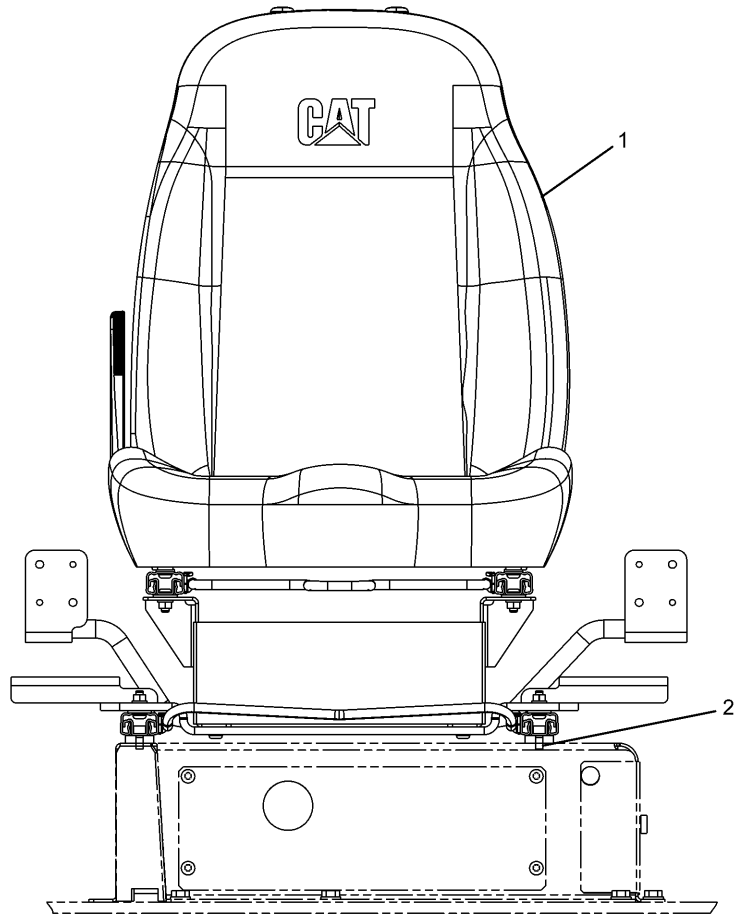
NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	128-2135	4	SCREW					
	2	185-8284	1	COVER					
	3	234-6579	2	NUT					
	4	234-6580	2	CAP					
	5	234-6602	1	COVER					
	6	234-6604	1	COVER					
Y	7	259-7346	1	ARMREST GP					
	8	234-6608	1	COVER					
	9	234-6609	1	COVER					
	10	234-6610	1	COVER					
	11	235-8914	4	NUT					
	12	235-8966	2	BASE					
	13	245-7790	2	SCREW					
	14	245-7926	1	SUPPORT AS					
	15	245-7948	4	SCREW					
	16	9X-2041	3	SCREW					

Y-SEE SEPARATE ILLUSTRATION

H90477E 00

259-7348 CONSOLE GP
 Right Hand
 Part of 259-7246-Page561
 259-7346-Page566

OPERATOR STATION



FRONT VIEW

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	273-5412	1	SEAT GP					
	2	6V-8202	4	BOLT (L=16mm)					

Y-SEE SEPARATE ILLUSTRATION

H92374E 00

273-5411 SEAT GP
 273-5412-Page576
 An Attachment

OPERATOR STATION

Consists of :

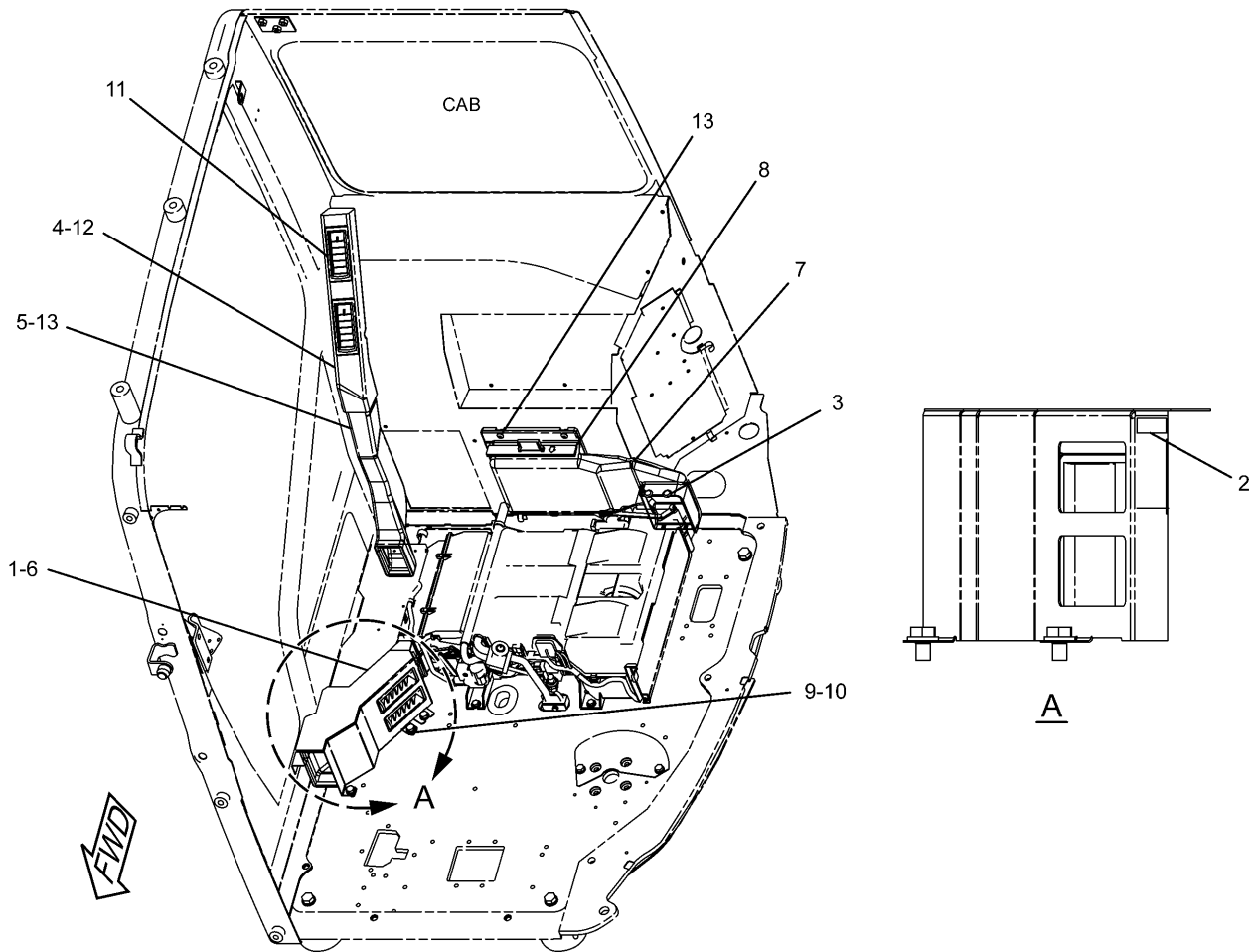
Page

- 2 5P-7958 SLEEVE
- 1 099-3645 CABLE
- 2 278-1585 KEY

H92032E 01

275-3667 LITERATURE GP

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	201-4543	1	DUCT AS					
	2	201-4560	1	CUSHION					
	3	229-9028	2	CLIP					
	4	273-5150	1	DUCT AS					
		201-4545	1	INSULATOR					
	5	273-5152	1	DUCT AS					
		201-4546	1	INSULATOR					
	6	273-5165	1	COVER AS					
	7	284-4466	1	DUCT AS					
	8	284-4496	1	FILTER AS					
	9	8T-4121	2	WASHER					
	10	8T-4191	2	BOLT (L=16mm)					
	11	8Y-6967	2	LOUVER AS					
	12	9X-2042	2	SCREW					
	13	9X-2044	3	SCREW					

Y-SEE SEPARATE ILLUSTRATION

H98068E 01

284-4465 DUCT GP-AIR
 S/N LCE 1-00332
 Part of 284-4437,293-1234-Page586
 201-4543-Page594,284-4466-Page595
 An Attachment

OPERATOR STATION

NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	41-4580	1	NIPPLE	E	44	5P-0767		HOSE...(130cm)
	2	71-0375	1	ELBOW	E	45	5P-0767		HOSE...(52cm)
	3	122-9605	2	JOINT	E	46	5P-0767		HOSE...(42cm)
	4	155-7024	2	SPACER	E	47	225-5714		GUARD...(35cm)
	5	229-8997	1	RECEIVER AS	E	48	225-5707		GUARD...(40cm)
	6	229-8998	1	BRACKET AS					
	7	235-9014	8	CLAMP					
	8	284-4434	1	HOSE AS					
		113-3468	1	SEAL-O-RING (ID=13.80mm)					
		245-7851	1	PLUG					
	9	284-4435	1	BRACKET AS					
	10	284-4443	1	BRACKET AS					
	11	293-1233	1	HOSE AS					
		113-3468	2	SEAL-O-RING (ID=13.80mm)					
	12	305-0441	2	BAND (HS)					
	13	305-0442	2	BAND (HR)					
	14	316-8801	1	HOSE AS					
		113-3467	1	SEAL-O-RING (ID=11.00mm)					
		245-7850	1	PLUG					
	15	316-8802	1	HOSE AS					
		113-3467	2	SEAL-O-RING (ID=11.00mm)					
E		145-8495		GUARD...(35cm)					
	16	316-8803	1	HOSE AS					
		121-7063	2	SEAL-O-RING (ID=6.70mm)					
E		71-7439		GUARD...(40cm)					
	17	316-8804	1	HOSE AS					
		121-7063	2	SEAL-O-RING (ID=6.70mm)					
	18	095-0827	2	LOCKWASHER					
	19	225-5800	2	CLAMP					
	20	4S-1962	4	CLIP					
	21	5C-9553	4	BOLT (L=16mm)					
	22	5K-3294	3	CLIP					
	23	7X-7729	3	WASHER					
	24	5P-9297	1	CLIP					
	25	6D-1641	5	CLIP					
	26	6D-4244	2	CLIP					
	27	6V-7357	4	BOLT (L=25mm)					
	28	8M-2773	7	CLIP					
	29	8T-3647	2	BOLT (L=80mm)					
	30	8T-4121	16	WASHER					
	31	8T-4136	5	BOLT (L=25mm)					
	32	8T-4137	13	BOLT (L=20mm)					
	33	8T-4191	1	BOLT (L=16mm)					
	34	8T-4224	5	WASHER					
	35	8T-4971	1	BOLT (L=30mm)					
	36	8T-7547	3	BOLT (L=30mm)					
	37	9X-8256	9	WASHER					
E	38	305-0432		GUARD...(10cm)					
E	39	225-5714		GUARD...(20cm)					
E	40	225-5714		GUARD...(20cm)					
E	41	225-5714		GUARD...(40cm)					
E	42	5P-0767		HOSE...(200cm)					
	43	225-5799	2	HOSE					

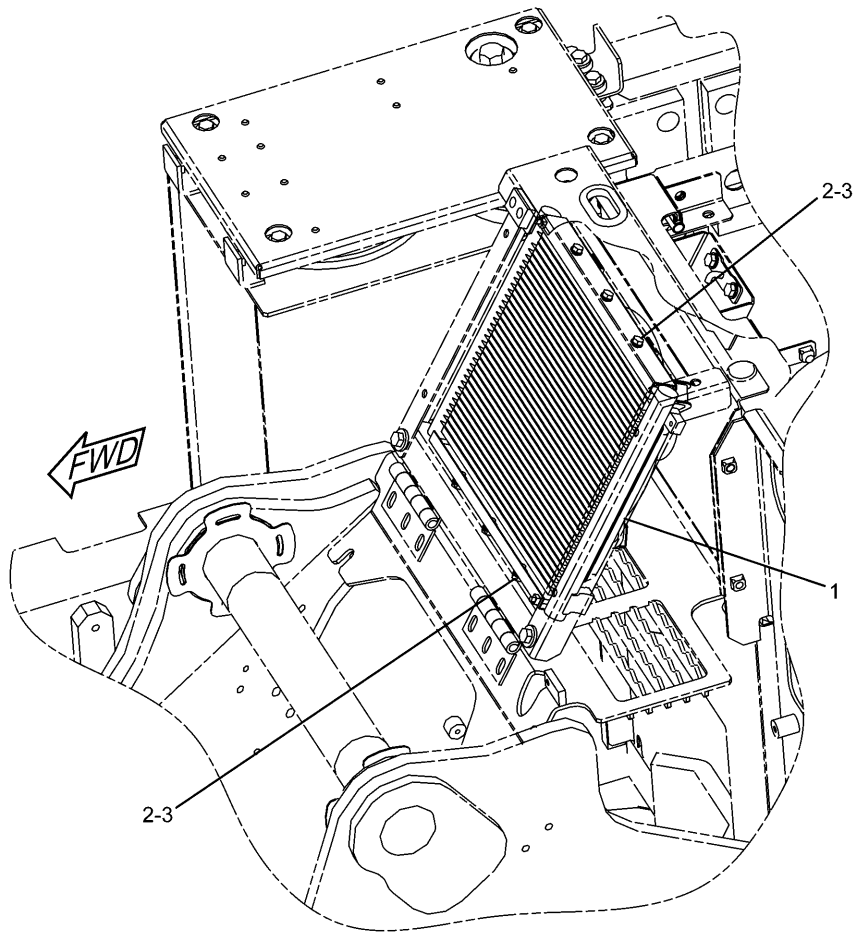
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HA0351E 01

316-8807 LINES GP-AIR CONDITIONER

Part of 301-2670-Page11.02
An Attachment

OPERATOR STATION



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
Y	1	316-8809	1	CONDENSER GP					
	2	8T-4200	6	BOLT (L=16mm)					
	3	8T-4224	6	WASHER					

Y-SEE SEPARATE ILLUSTRATION

HA0562E 00

316-8808 CONDENSER & MTG GP-REFRIGERANT
 Part of 301-2670-Page11.02
 316-8809-Page606.02
 An Attachment

IMPLEMENTS

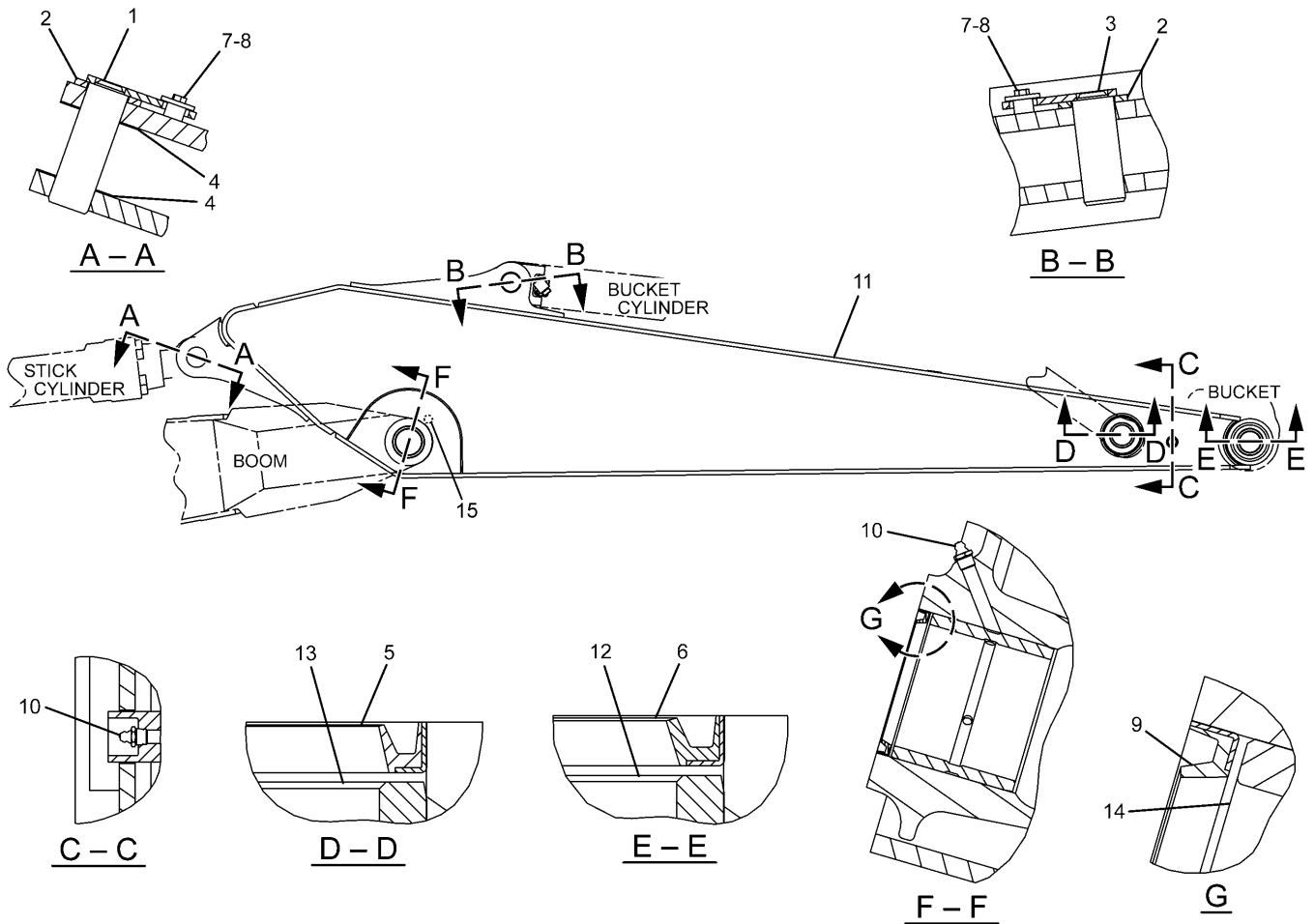
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1	202-1548	FILM GP	666
1	259-0917	PUMP & MOUNTING GP	308
1	274-2678	CYLINDER & LINES GP-BLADE	313
1	274-2679	CYLINDER & LINES GP-BLADE	313
1	278-9284	FRAME AS-UNDERCARRIAGE.....	264
1	282-7236	LINES GP-BLADE CYLINDER.....	420
1	282-7296	LINES GP-PILOT	410
1	289-7814	GUARD GP-CYLINDER	339
1	296-7225	SWIVEL & MOUNTING GP	438.01
1	316-8852	CONTROL GP-BLADE	502

H99864E 03

260-7210 INSTALLATION AR
An Attachment

IMPLEMENTS

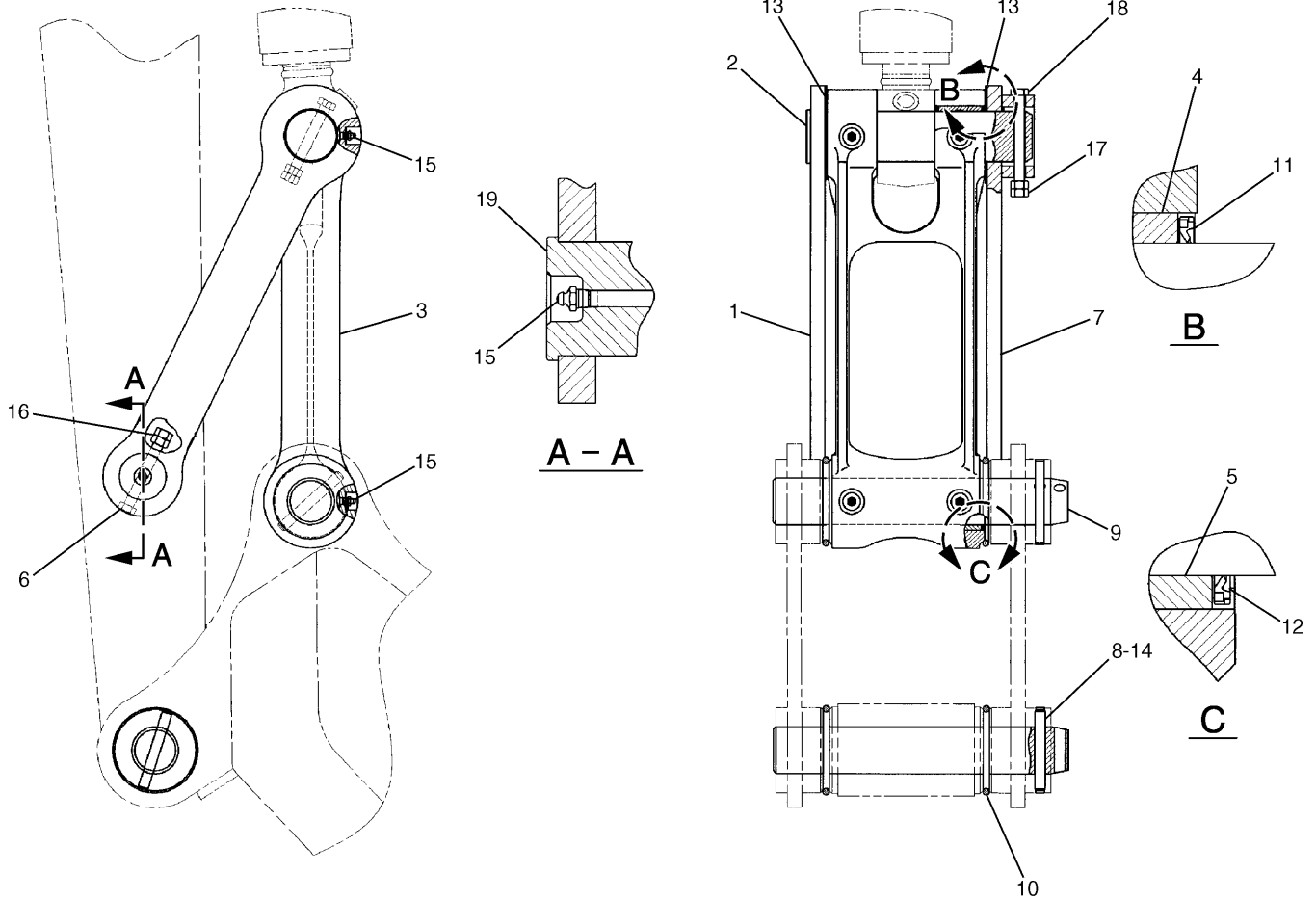


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	1R-6225	1	PIN AS					
	2	093-0357	2	WASHER					
	3	127-3913	1	PIN AS					
	4	166-1481	2	SHIM (T=2.00mm)					
	5	166-1492	2	SEAL					
	6	248-7836	2	SEAL					
	7	8T-4179	2	BOLT (L=20mm)					
	8	086-0297	2	WASHER					
	9	166-1494	2	SEAL					
	10	3B-8489	3	FITTING					
	11	294-1648	1	STICK AS					
	12	229-1091	2	BEARING					
	13	229-1095	2	BEARING					
	14	273-6814	2	BEARING					
	15	7Y-3459	1	BOSS					

H97882E 00

278-9296 STICK GP-HOE
Part of 279-2640-Page11
An Attachment

IMPLEMENTS

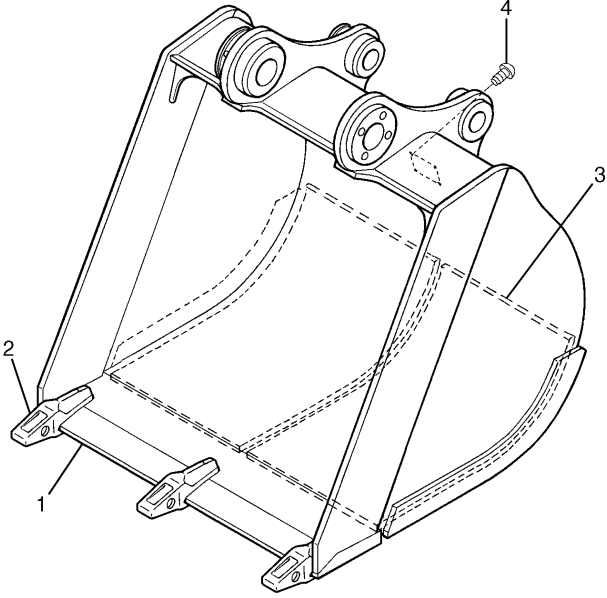


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	248-7822	1	LINK					
	2	248-7820	1	PIN					
	3	248-7838	1	LINK AS					
	4	248-7835	2	BEARING					
	5	229-1092	2	BEARING					
	6	099-0707	1	BOLT (L=115mm)					
	7	248-7823	1	LINK AS					
	8	134-7178	2	PIN					
	9	086-0523	2	PIN					
	10	093-1342	4	SEAL-O-RING (ID=96.00mm)					
	11	235-7679	4	SEAL					
	12	248-7836	2	SEAL					
	13	166-1482	2	SHIM (T=2.00mm)					
	14	134-7179	2	RING					
	15	3B-8489	5	FITTING					
	16	096-4876	2	NUT					
	17	8T-4132	2	NUT					
	18	186-5644	1	BOLT (L=150mm)					
	19	71-6843	1	PIN					

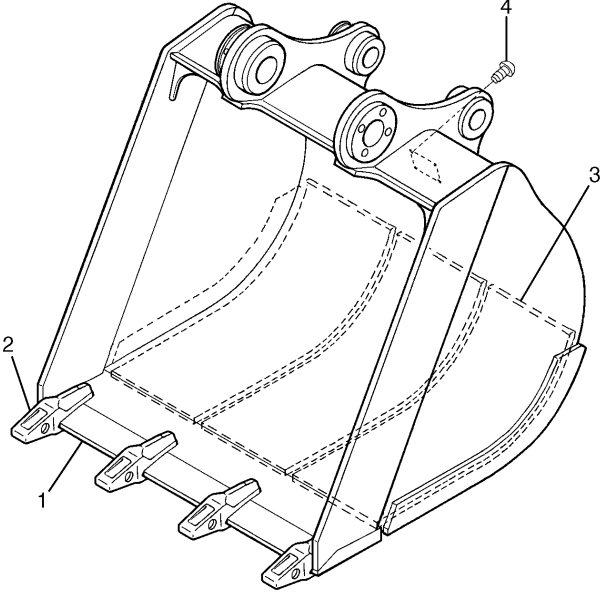
H87156E 00

248-7837 LINKAGE GP-BUCKET
Part of 260-7065-Page610
An Attachment

IMPLEMENTS

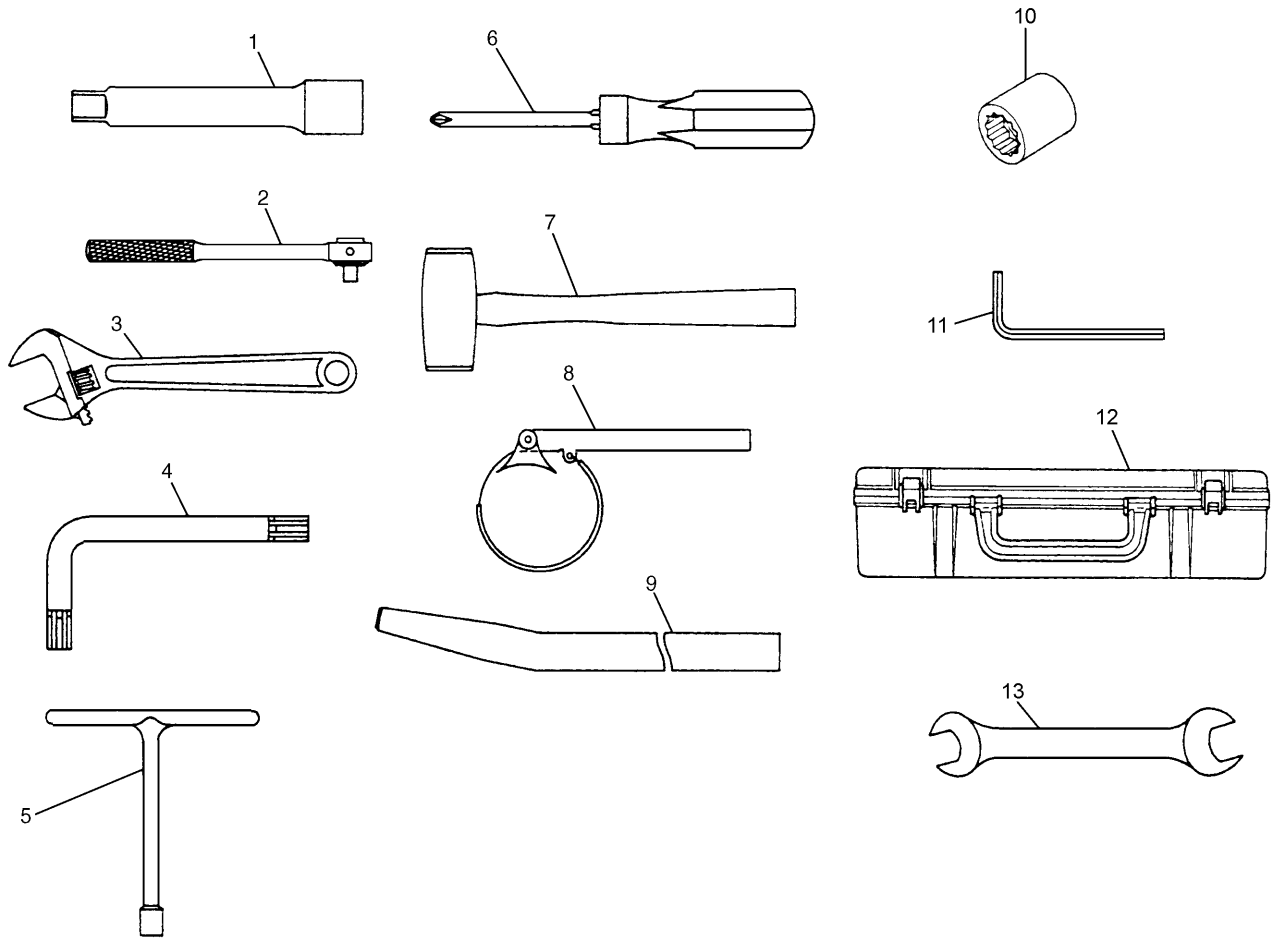
	NOTE	No.	PART No.	QTY	PART NAME
		1	250-6440	1	EDGE AS
		2	7Y-0254	3	ADAPTER
		3	250-6465	2	PLATE
	B	4	4B-4158	4	SCREW
B-USE AS REQUIRED					
					H97636E 00

275-2811 BUCKET AS
 564MM Wide--0.32Cu.M.-Adapter Size J250
 Part of 250-6368-Page640
 An Attachment

	NOTE	No.	PART No.	QTY	PART NAME
		1	250-6462	1	EDGE AS
		2	7Y-0254	4	ADAPTER
		3	255-0317	3	PLATE
	B	4	4B-4158	4	SCREW
B-USE AS REQUIRED					
					H97637E 00

275-2816 BUCKET AS
 664MM Wide--0.38Cu.M.-Adapter Size J250
 Part of 250-6371-Page640
 An Attachment

SERVICE EQUIPMENT AND SUPPLIES

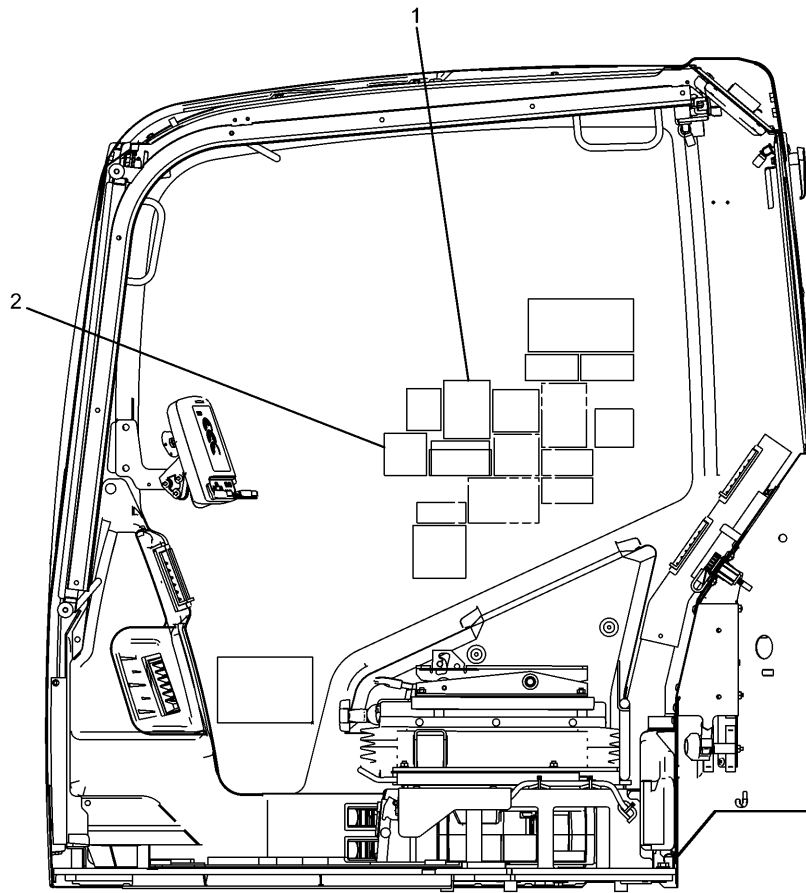


NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	099-3250	1	EXTENSION		13	099-3246	1	WRENCH (21MM × 24MM)
	2	095-1852	1	RATCHET					
	3	71-6395	1	WRENCH (200MM)					
	4	41-2604	1	WRENCH (6MM)					
		41-2605	1	WRENCH (10MM)					
	5	7Y-6108	1	WRENCH (11MM)					
	6	095-1855	1	SCREWDRIVER					
	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	095-1066	1	SOCKET (13MM)					
		099-3248	1	SOCKET (16MM)					
		099-3249	1	SOCKET (18MM)					
		095-1070	1	SOCKET (22MM)					
		096-8251	1	SOCKET (30MM)					
	11	095-1083	1	WRENCH (12MM)					
	12	7Y-0070	1	TOOLBOX					

H99465E 00

301-2603 TOOL GP
An Attachment

SERVICE EQUIPMENT AND SUPPLIES



NOTE	No.	PART No.	QTY	PART NAME	NOTE	No.	PART No.	QTY	PART NAME
	1	118-6054	1	FILM (NOTICE)					
	2	260-6945	1	FILM (CONTROLS)					

H99455E 01

247-7420 FILM GP
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 An Attachment

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41-3988	411	41-7476	283		403
41-4253	527	41-7477	283		410
	533	41-7478	283	41-9525	71
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	533	41-7512	259		391
	533.04	41-7538	280		394
41-4580	597		281		398
	597.02	41-7604	438		399
	601	41-7605	438		403
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41-5461	195		387		387
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