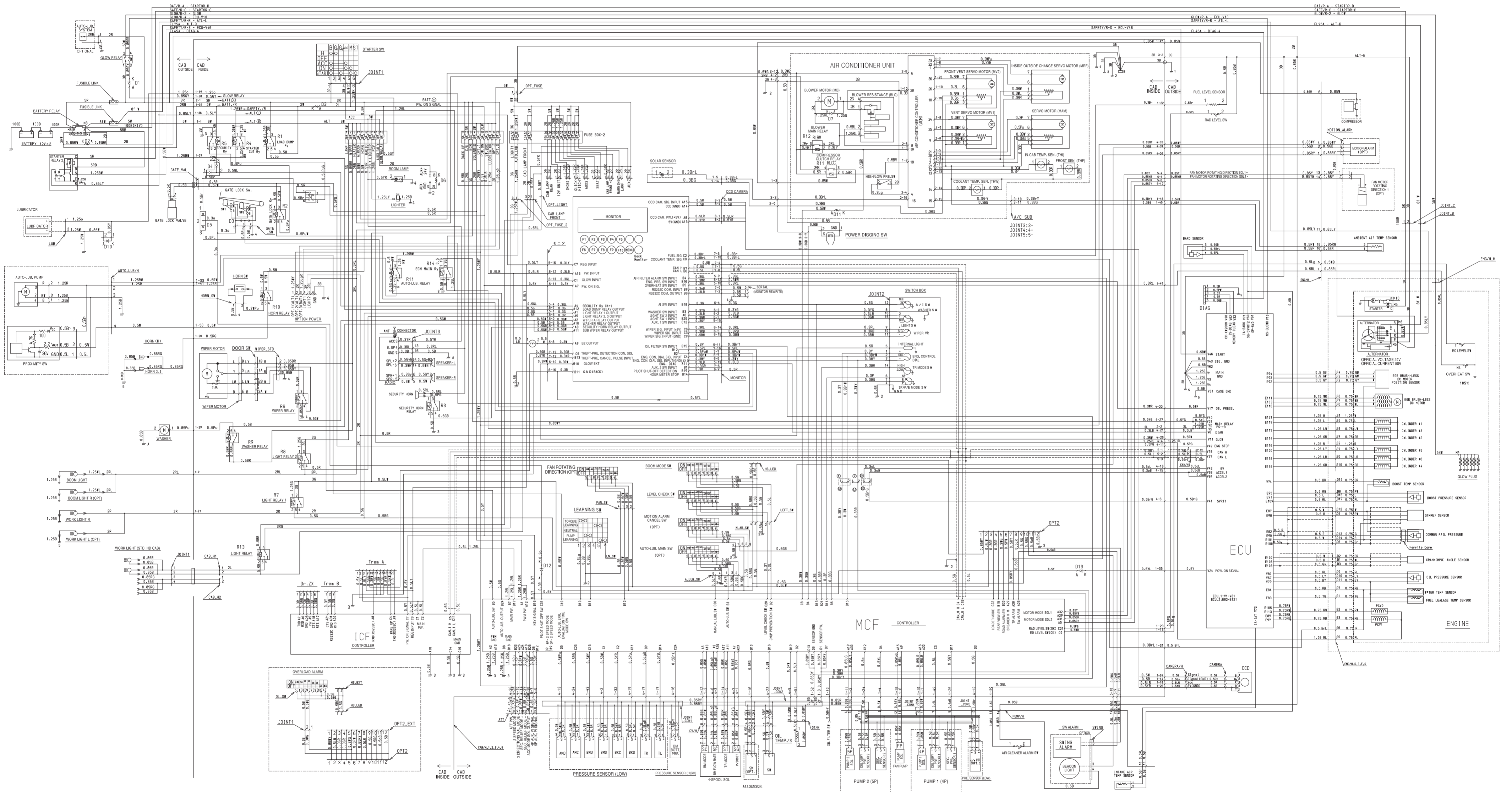
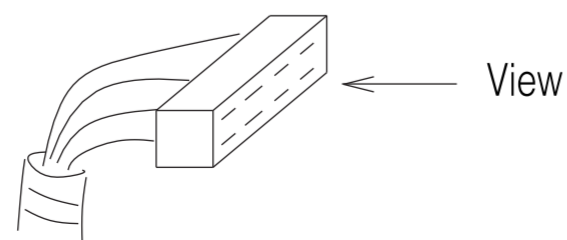
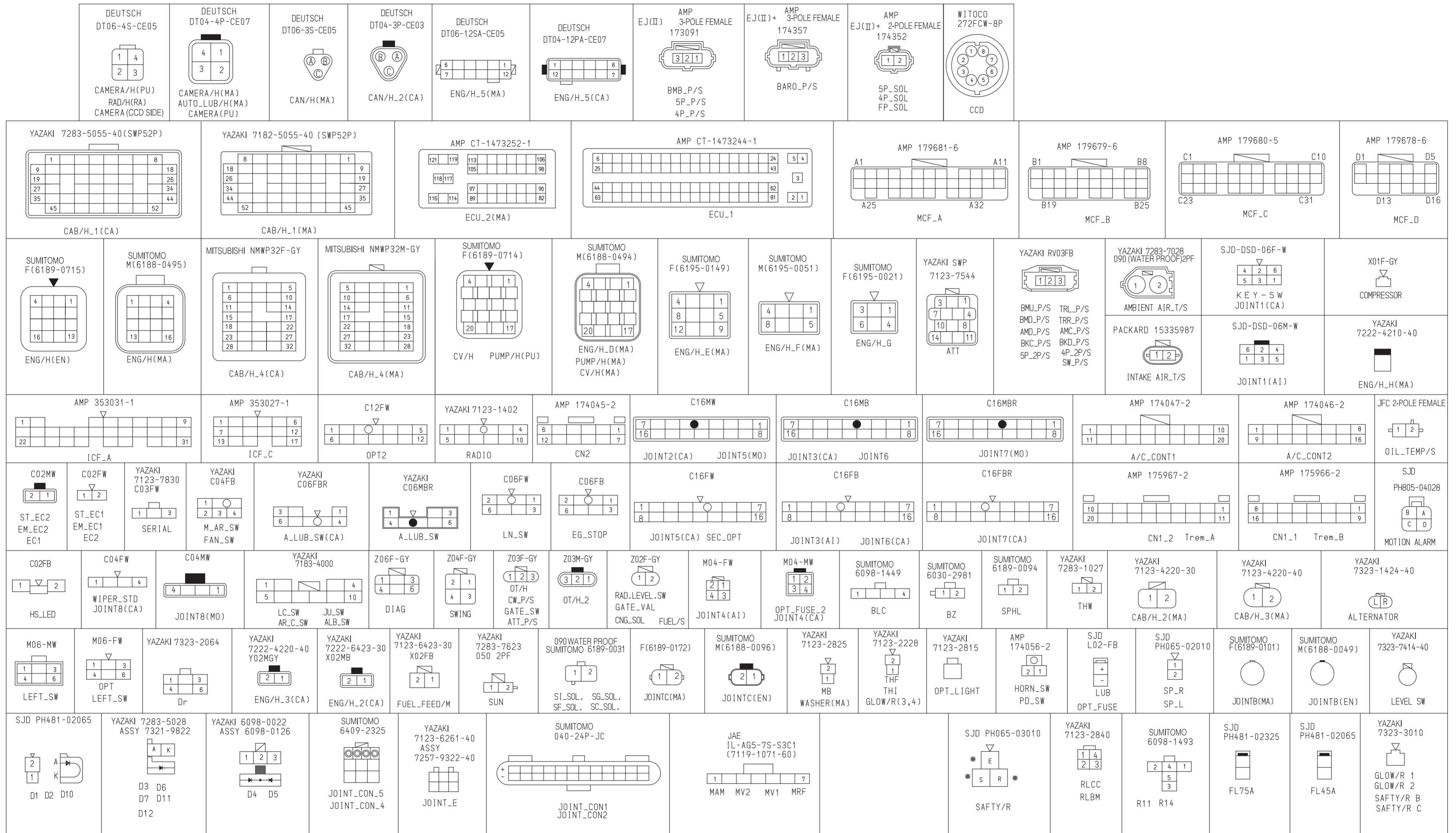


ZAXIS450-3/500LC-3/520LCH-3 ELECTRICAL CIRCUIT DIAGRAM



ZAXIS450-3/500LC-3/520LCH-3 CONNECTORS

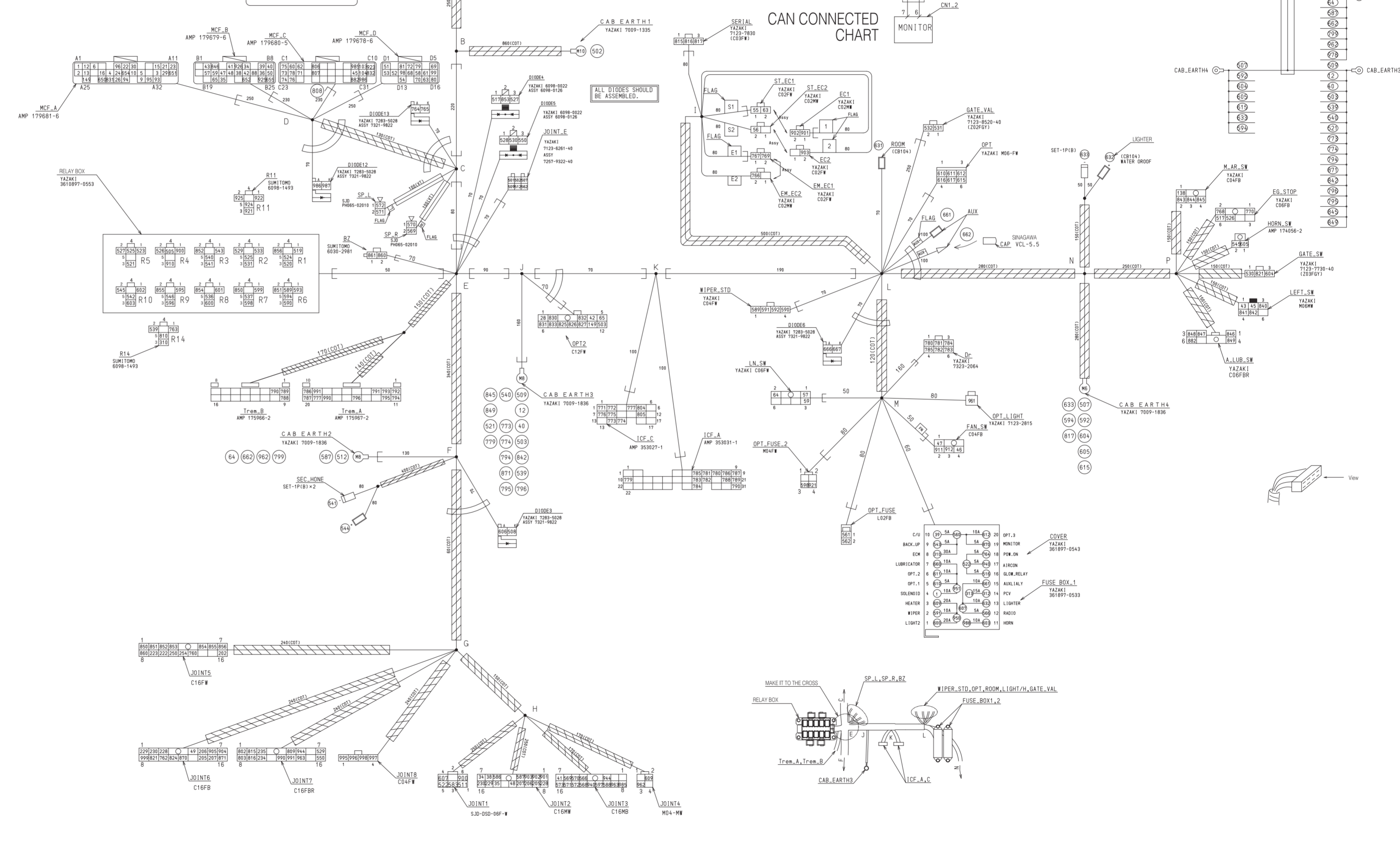


MA : MAIN HARNESS SIDE
EN : ENGINE HARNESS SIDE
CV : CONTROL VALVE HARNESS SIDE
CA : CAB HARNESS SIDE
MO : MONITOR HARNESS SIDE
AI : AIR CONDITIONER HARNESS SIDE
PU : PUMP HARNESS SIDE

ZAXIS450-3/500LC-3/520LCH-3/650LC-3/850-3 CAB HARNESS

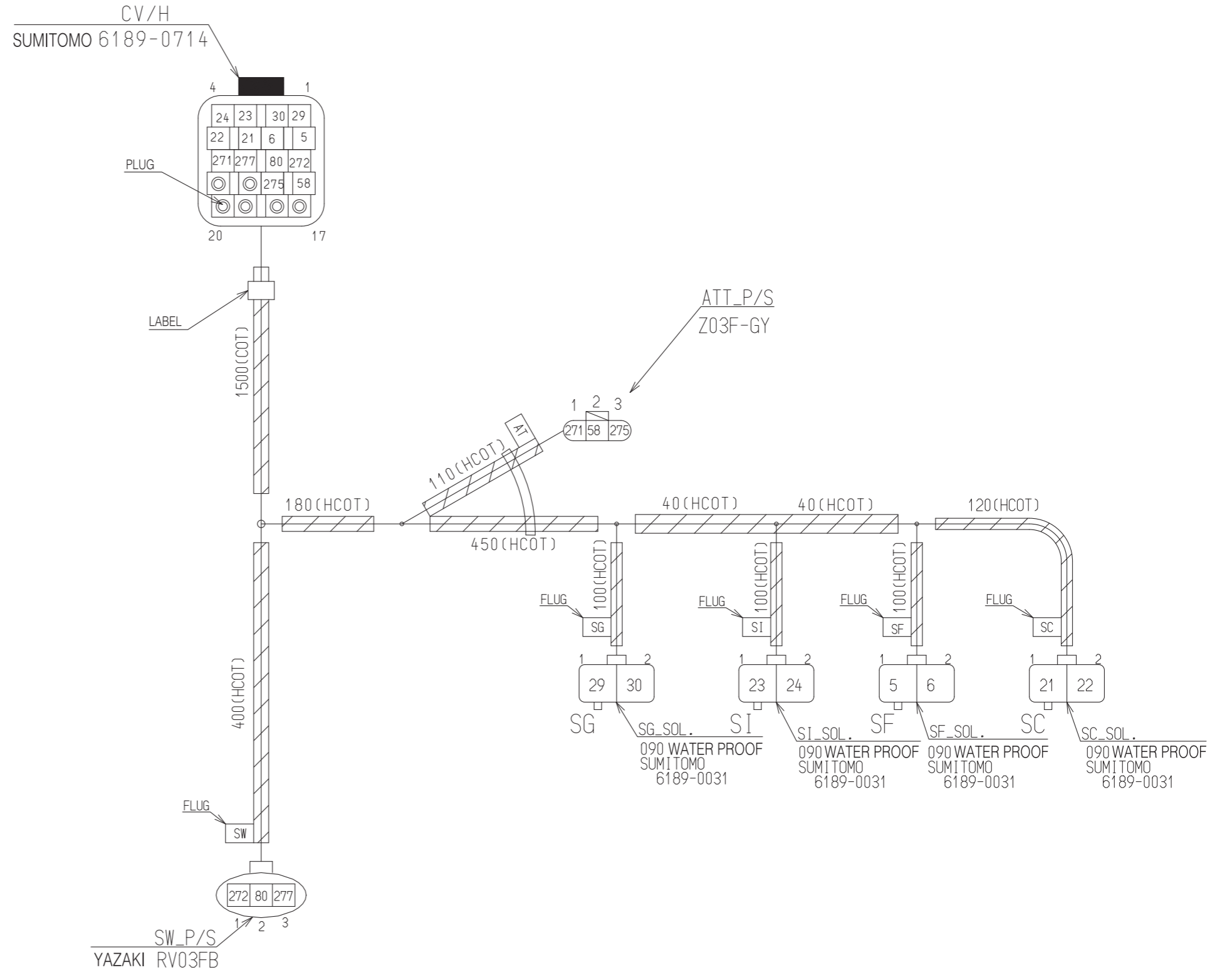
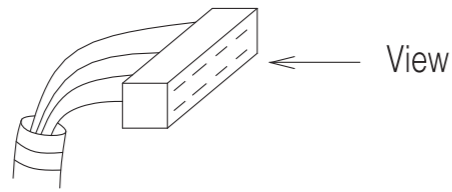
No.	SIZE	COL.	CIRCUIT	FROM	TO	COMMENT
1	1.25	R	MCF-A-1	FUSE-B1-14	(CST)	ALTERNATOR
2	1.25	R	MCF-A-1	(CST)	MCF-PWR-POWER	CAVS
3	0.85	LB	MCF-A-22	ENGR/A-1-1	PUMP SOL.	
4	0.85	LB	MCF-A-22	ENGR/A-1-10	PUMP SOL. GND	
5	0.85	LB	MCF-A-22	ENGR/A-1-5	METER/OUT SOL.	
6	0.85	LB	MCF-A-3	ENGR/A-4-8	METER/OUT SOL.	
7	0.85	LY	MCF-A-30	ENGR/A-1-2	PUMP SOL.	
10	0.85	LG	MCF-A-19	ENGR/A-1-11	PUMP SOL. GND	
12	1.25	B	MCF-A-2	CAB-EARTH3	MCF-PWR-GND	CAVS
13	1.25	R	MCF-A-13	(CST)	MCF-PWR-GND	CAVS
15	0.85	L	MCF-A-9	ENGR/A-1-6	FAN PUMP SOL.	
16	0.85	FUG	MCF-A-15	ENGR/A-1-15	FAN PUMP SOL. GND	
21	0.85	R	MCF-A-11	ENGR/A-1-5	LAUNCH/STOP SOL.	
22	0.85	G	MCF-A-6	ENGR/A-1-12	LAUNCH/STOP SOL. GND	
23	0.85	L	MCF-A-11	ENGR/A-1-5	TRAILER MODE SOL.	
24	0.85	R	MCF-A-17	ENGR/A-1-1A	TRAILER MODE SOL.	
26	0.85	RY	MCF-A-28	ENGR/A-2-26	MOTOR/ALARM	
28	0.85	RY	(CST)	OPT-1	OPT-POWER	
29	0.85	Y	MCF-A-23	ENGR/A-1-1	POWER/ORGAN SOL.	
30	0.85	LY	MCF-A-7	ENGR/A-4-7	LAUNCH/STOP SOL. GND	
34	0.3	BB	MCF-A-11	ENGR/A-1-5	FAN PUMP SW	
35	0.3	BR	MCF-A-21	JOINT-14	TRAILER FUSE	
38	1.25	R	MCF-A-17	(CST)	CVT-POWER	
38	0.3	P	MCF-B-14	JOINT-5	SP-MODE SW	
39	1.25	L	MCF-B-7	FUSE-B1-10	CVT-POWER	
40	1.25	R	MCF-B-8	CAB-EARTH3	MCF-PWR-GND	
41	0.3	BB	MCF-B-4	JOINT-3	POW-DIG-SW	
42	0.3	BB	MCF-B-15	OPT-4	REARVIEW SW	
43	0.3	L	MCF-B-15	LEFT-1	LAUNCH/STOP SW	
45	0.3	Y	MCF-C-20	LEFT-2	LEVEL CHECK SW	
47	0.3	Y	MCF-B-12	FAN-SW-1	FAN/MOTOR SOL.	
48	0.3	G	MCF-B-13	JOINT-12	MCF-A-1-SW	
49	0.3	L	JOINT-18	(CST)	MCF-PWR-GND	
50	1.25	B	MCF-B-18	(CST)	MCF-PWR-GND	
51	0.85	RY	MCF-D-1	ENGR/A-1-8	SENSOR/POWER	
52	0.85	RY	MCF-D-1	(CST)	SENSOR/POWER	
53	0.85	RY	MCF-D-6	ENGR/A-1-52	SENSOR/POWER	
54	0.85	RY	MCF-D-13	(CST)	SENSOR/POWER	
55	0.3	RY	(CST)	ST-EC1-1	SENSOR/POWER	
56	0.3	RR	(CST)	ST-EC2-2	SENSOR/POWER	
57	0.3	L	MCF-B-10	ENGR/A-1-10	TRUCK/LIGHT/STOP SW	
58	0.5	RG	MCF-D-10	ENGR/A-1-10	ATTN SIGNAL	
59	0.3	LB	MCF-B-11	M.S.W-3	PUMP LEARNING SW	
60	0.5	YD	MCF-C-2	ENGR/A-1-32	TRUCK/LIGHT/STOP SW	
61	0.5	YD	MCF-D-11	ENGR/A-1-25	HP-SEC-FUS SIGNAL	
62	0.5	YD	MCF-C-13	ENGR/A-1-18	SP-TRUCK/LIGHT/STOP SW	
63	0.3	Y	MCF-D-15	ST-EC1-2	DATA SIGNAL	
64	0.3	B	LN-SW-2	CAB-EARTH3	LEARNING SW GND	
65	0.3	RG	MCF-B-20	OPT-2-5	LOCK/ALARM SW	
69	0.5	LB	MCF-D-9	ENGR/A-1-17	TRUCK SIGNAL	
69	0.5	RY	MCF-D-5	ENGR/A-1-13	ARM/ROLL/OUT SIGNAL	
71	0.5	RY	MCF-C-13	ENGR/A-1-43	ROOM/ALARM SIGNAL	
72	0.5	S	MCF-D-3	ENGR/A-1-12	DRIVE SIGNAL	
73	0.5	P	MCF-C-13	ENGR/A-1-43	ROOM/ALARM SIGNAL	
74	0.5	RG	MCF-C-23	ENGR/A-2-4	ARM/ROLL SIGNAL	
75	0.5	RY	MCF-C-11	ENGR/A-2-2	ROOM/ALARM SIGNAL	
76	0.5	Y	MCF-D-18	ENGR/A-1-18	ROOM/ALARM SIGNAL	
78	0.5	G	MCF-C-12	ENGR/A-1-24	PUMP PUMP SIGNAL	
80	0.5	Y	MCF-D-16	ENGR/A-1-23	HP-SEC-FUS SIGNAL	
81	0.5	LY	MCF-D-2	ENGR/A-1-51	COL TEMP SIGNAL	
81	0.5	Y	MCF-B-16	(CST)	POWER ON SIGNAL	
93	0.85	Y	MCF-A-32	ENGR/A-5-4	MOTOR/MODE SOL-1	
94	0.85	Y	MCF-A-31	ENGR/A-5-5	MOTOR/MODE SOL-2	
95	0.85	Y	MCF-A-31	ENGR/A-5-12	MOTOR/MODE SOL-3	
96	0.85	Y	MCF-A-5	ENGR/A-5-12	MOTOR/MODE SOL-4	
97	0.85	Y	MCF-A-12	ENGR/A-5-12	HP-SEC-FUS SIGNAL	
99	0.5	BB	MCF-B-12	ENGR/A-5-8	SP-AUX SIGNAL	
100						
103	0.5	BB	MCF-C-9	ENGR/A-1-18	ENCL LEVEL SW	
104	0.5	PD	MCF-C-21	ENGR/A-1-23	ENCL LEVEL SW	
138	0.5	BB	ENGR/A-4-31	M.A.R-SW-1	M.A.R-SW-1	
141	0.85	RY	ENGR/A-4-32	(STB)	M.A.R-POWER	
149	0.5	BB	MCF-A-25	OPT-12-11	SW-ALARM	
202	0.5	LY	ENGR/A-1-36	JOINT-15	WIPER POWER	
205	0.3	RL	JOINT-9	JOINT-14	WIPER POWER	
206	0.3	RR	JOINT-10	JOINT-9	WIPER POWER	
207	0.3	RR	JOINT-11	JOINT-15	WIPER POWER	
222	0.3	RL	ENGR/A-1-49	JOINT-10	OVERHEAT SW	
229	0.3	RL	ENGR/A-1-29	JOINT-3	WIPER SW	
229	0.3	YD	JOINT-2	JOINT-3	WIPER SW	
229	0.3	YD	JOINT-15	JOINT-3	WIPER SW	
230	0.3	LB	JOINT-16	JOINT-2	LIGHT SW	
234	0.3	BB-L	ENGR/A-1-31	JOINT-10	SOULANT TEMP SENSOR	
245	0.3	BB	ENGR/A-1-22	JOINT-9	FUEL SENSOR	
250	0.3	BB-Y	ENGR/A-1-40	JOINT-11	CL-OUT TEMP SW	
254	0.3	RR	ENGR/A-1-22	JOINT-12	Eq. PRESSURE SW	
310	3	G	FUSE-B1-8	R14-3	EQM/POWER/FUSE	
312	1.25	RL	FUSE-B1-14	ENGR/A-4-4	POW-POWER/FUSE	
313	1.25	L	FUSE-B1-14	(CST)		
501	3	B	ENGR/A-3-2	JOINT-E		
502	3	B	CAB-EARTH1	JOINT-E		
503	0.5	R	OPT-12	CAB-EARTH3		
505	1.25	B	ENGR/A-1-27	R4-4		
506	0.5	R	(CST)	(CST)		
507	3	B	CAB-EARTH4	JOINT-E		
508	2	B	ENGR/A-1-37	D3-K		
509	3	B	CAB-EARTH3	JOINT-E		
511	3	R	ENGR/A-2-1	JOINT-11		
512	3	B	CAB-EARTH2	JOINT-E		
516	0.5	YD	ENGR/A-1-38	FUSE-B1-15		
517	0.5	BB	EG-STOP-6	D4-1		
519	1.25	R	R1-1	(CST)		
520	2	R	R1-3	(CST)		
521	2	B	CAB-EARTH3	RS-3		
522	3	LW	JOINT-5	FUSE-B1-14		
523	0.5	R	(CST)	RS-1		
524	0.5	R	R1-5	(CST)		
525	0.5	P	R2-5	RS-4		
526	0.5	FUG	R4-2	EG-STOP-5		
527	0.5	FUG	R4-2	EG-STOP-5		
528	0.5	BB	D5-1	(CST)		
529	0.5	P	JOINT-7	R2-2		
529	0.5	BB	GATE-VAL-1	R2-2		
531	0.5	P	R2-3	GATE-VAL-1		
532	0.5	R	GATE-VAL-2	C1-1		
533	0.5	R	R2-1	(CST)		
536	2	RL	ENGR/A-1-9	RS-5		
537	0.5	R	R1-2	(CST)		
539	0.5	B	R14-2	CAB-EARTH3		
540	0.5	B	RS-5	CAB-EARTH3		
541	0.5	BB	ENGR/A-1-20	R15-5		
542	0.5	RG	ENGR/A-1-20	R15-5		
543	0.5	RL	FUSE-B1-9	R15-5		
544	0.5	RR	SEC-HOME	(CST)		
545	0.3	BB	HORN-SW-2	R15-2		
546	0.5	P	ENGR/A-1-29	RS-5		
549	0.5	BB	ENGR/A-1-16	RS-5		
550	0.5	RL	D5	JOINT-16		

No.	SIZE	COL.	CIRCUIT	FROM	TO	COMMENT
644	0.3	BB-L	JOINT-3	JOINT-5	S3L SENSOR SIGNAL	
950	3	B	(CST)	FUSE-B1-14		
951	3	B	(CST)	FUSE-B1-14		
952	3	B	(CST)	FUSE-B1-14		
953	3	B	(CST)	FUSE-B1-14		
954	3	B	(CST)	FUSE-B1-14		
955	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
956	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
957	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
958	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
959	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
960	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
961	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
962	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
963	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
964	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
965	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
966	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
967	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
968	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
969	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
970	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
971	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
972	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
973	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
974	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
975	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
976	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
977	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
978	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
979	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
980	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
981	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
982	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
983	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
984	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
985	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
986	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
987	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
988	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
989	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
990	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
991	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
992	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
993	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
994	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
995	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
996	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
997	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
998	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	
999	0.3	BB	JOINT-13	Tran. A-9	TRAILER COL. SIGNAL	

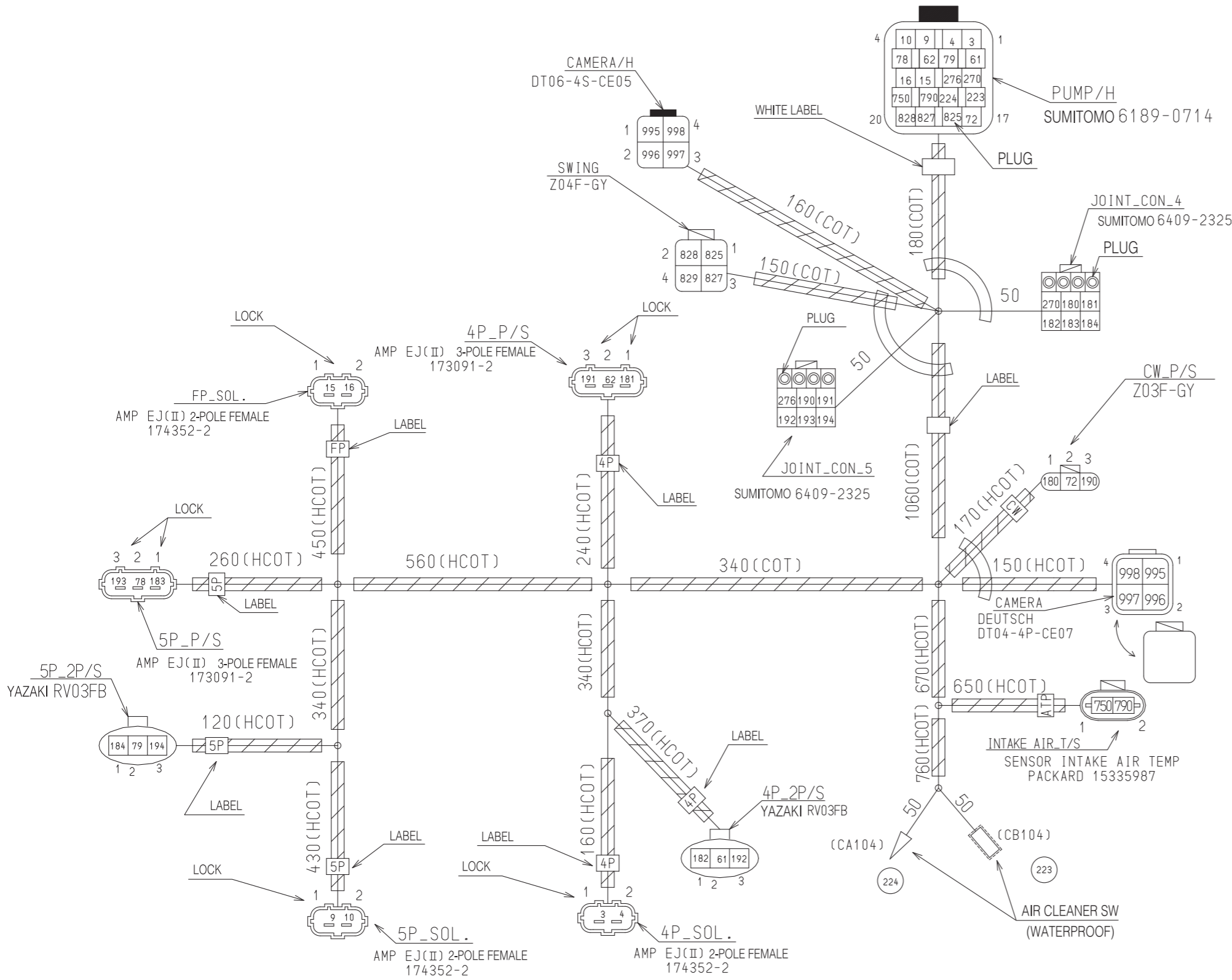


ZAXIS450-3/500LC-3/520LCH-3 CONTROL VALVE HARNESS

No.	SIZE	COL.	CIRCUIT		COMMENT	
			FROM	TO		
5	0.85	L	SF_SOL-1	CV/H-5	METER-IN CUT_SOL.	☆
6	0.85	L	SF_SOL-2	CV/H-6		☆
21	0.85	G	SC_SOL-1	CV/H-7	PREVENTION_SOL.	☆
22	0.85	G	SC_SOL-2	CV/H-8		☆
23	0.85	W	SI_SOL-1	CV/H-3	TRAVEL MODE_SOL.	☆
24	0.85	W	SI_SOL-2	CV/H-4		☆
29	0.85	Y	SG_SOL-1	CV/H-1	POWER DIGGING_SOL.	☆
30	0.85	Y	SG_SOL-2	CV/H-2		☆
58	0.5	B	ATT_P/S-2	CV/H-13	ATT/S SIGNAL	☆
80	0.5	W	SW_P/S-2	CV/H-10	SW/S SIGNAL	☆
271	0.5	R	ATT_P/S-1	CV/H-12	ATT/S SIGNAL	☆
272	0.5	R	SW_P/S-1	CV/H-9	SW/S SIGNAL	☆
275	0.5	B	ATT_P/S-3	CV/H-14	ATT/S GND	☆
277	0.5	B	SW_P/S-3	CV/H-11	SW/S GND	☆

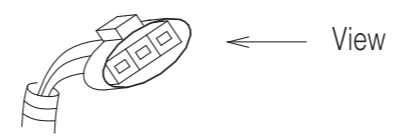


ZAXIS450-3/500LC-3/520LCH-3 PUMP HARNESS



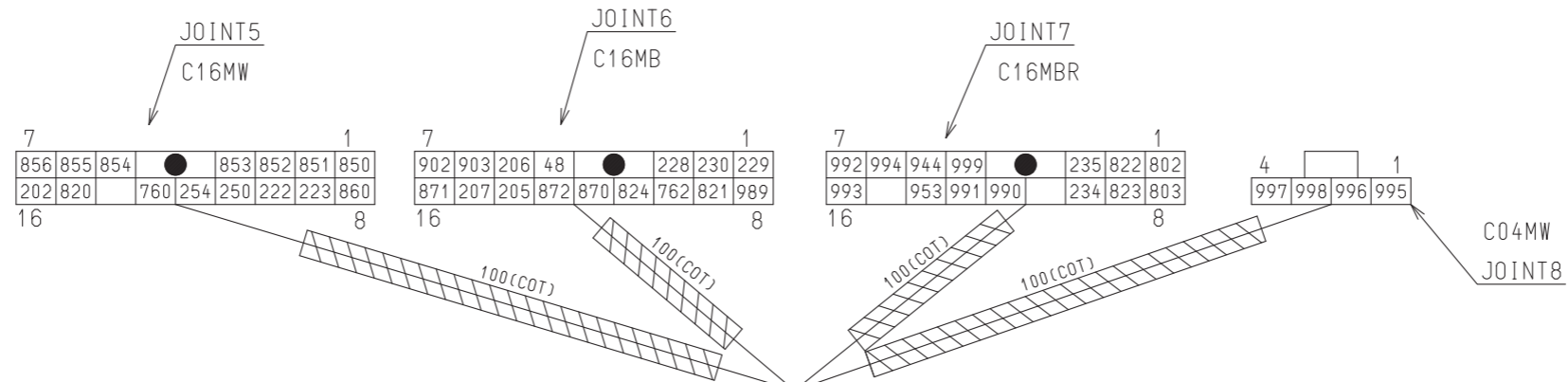
No.	SIZE	COL.	CIRCUIT		COMMENT	
			FROM	TO		
3	0.85	W	4P_SOL-1	PUMP/H-1	PUMP1_SOL.	☆
4	0.85	W	4P_SOL-2	PUMP/H-2		☆
9	0.85	G	5P_SOL-1	PUMP/H-3	PUMP2_SOL.	☆
10	0.85	G	5P_SOL-2	PUMP/H-4		☆
15	0.85	Y	FP_SOL-1	PUMP/H-11	FUN PUMP_SOL.	☆
16	0.85	Y	FP_SOL-2	PUMP/H-12		☆
61	0.5	Gr	4P_2P/S-2	PUMP/H-5	4P P / S SIGNAL	☆
62	0.5	L	4P_P/S-2	PUMP/H-7	4P P / S SIGNAL	☆
72	0.5	Br	C_W/S-2	PUMP/H-17	CW / S SIGNAL	☆
78	0.5	O	5P_P/S-2	PUMP/H-8	5P P / S SIGNAL	☆
79	0.5	Y	5P_2P/S-2	PUMP/H-6	5P SEC. SIGNAL	☆
180	0.5	R	JOINT_CON4	CW_P/S-1	SENSOR POWER	☆
181	0.5	R	JOINT_CON4	4P_P/S-1	SENSOR POWER	☆
182	0.5	R	JOINT_CON4	4P_2P/S-1	SENSOR POWER	☆
183	0.5	R	JOINT_CON4	5P_P/S-1	SENSOR POWER	☆
184	0.5	R	JOINT_CON4	5P_2P/S-1	SENSOR POWER	☆
190	0.5	B	JOINT_CON5	CW_P/S-3	SENSOR GND	☆
191	0.5	B	JOINT_CON5	4P_P/S-3	SENSOR GND	☆
192	0.5	B	JOINT_CON5	4P_2P/S-3	SENSOR GND	☆
193	0.5	B	JOINT_CON5	5P_P/S-3	SENSOR GND	☆
194	0.5	B	JOINT_CON5	5P_2P/S-3	SENSOR GND	☆
223	0.85	G	AIR CLEANER SW-1	PUMP/H-13	AIR FILTER SW	☆
224	0.85	B	AIR CLEANER SW-2	PUMP/H-14	AIR FILTER SW GND	☆
270	0.85	RY	JOINT_CON4	PUMP/H-9	SENSOR POW. COM.	AVS
276	0.85	BY	JOINT_CON5	PUMP/H-10	SENSOR GND. COM.	AVS
750	0.5	Gr	INTAKE AIR_T/S-1	PUMP/H-16	SUCTION AIR SEN.SIG.	☆
790	0.5	B	INTAKE AIR_T/S-2	PUMP/H-15	SUCTION AIR SEN.SIG.GND	☆
995	0.5	R	CAMERA/H-1	CAMERA-1	CAMERA POWER	☆
996	0.5	B	CAMERA/H-2	CAMERA-2	CAMERA GND	☆
997	0.5	B	CAMERA/H-3	CAMERA-3	GND	☆
998	0.5	W	CAMERA/H-4	CAMERA-4	AV SIGNAL	☆

No.	SIZE	COL.	CIRCUIT		COMMENT	
			FROM	TO		
825	0.5	W	SWING-1	PUMP/H-18	OPT2-8	☆
827	0.5	L	SWING-3	PUMP/H-19	OPT2-10	☆
828	0.5	O	SWING-2	PUMP/H-20	SW ALARM	☆
829	0.5	B	SWING-4	(224)		☆



☆ OUTER OF SHIELD) AVSSCS
 ☆ INNER OF SHIELD)

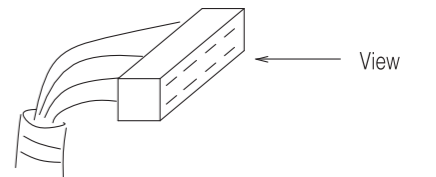
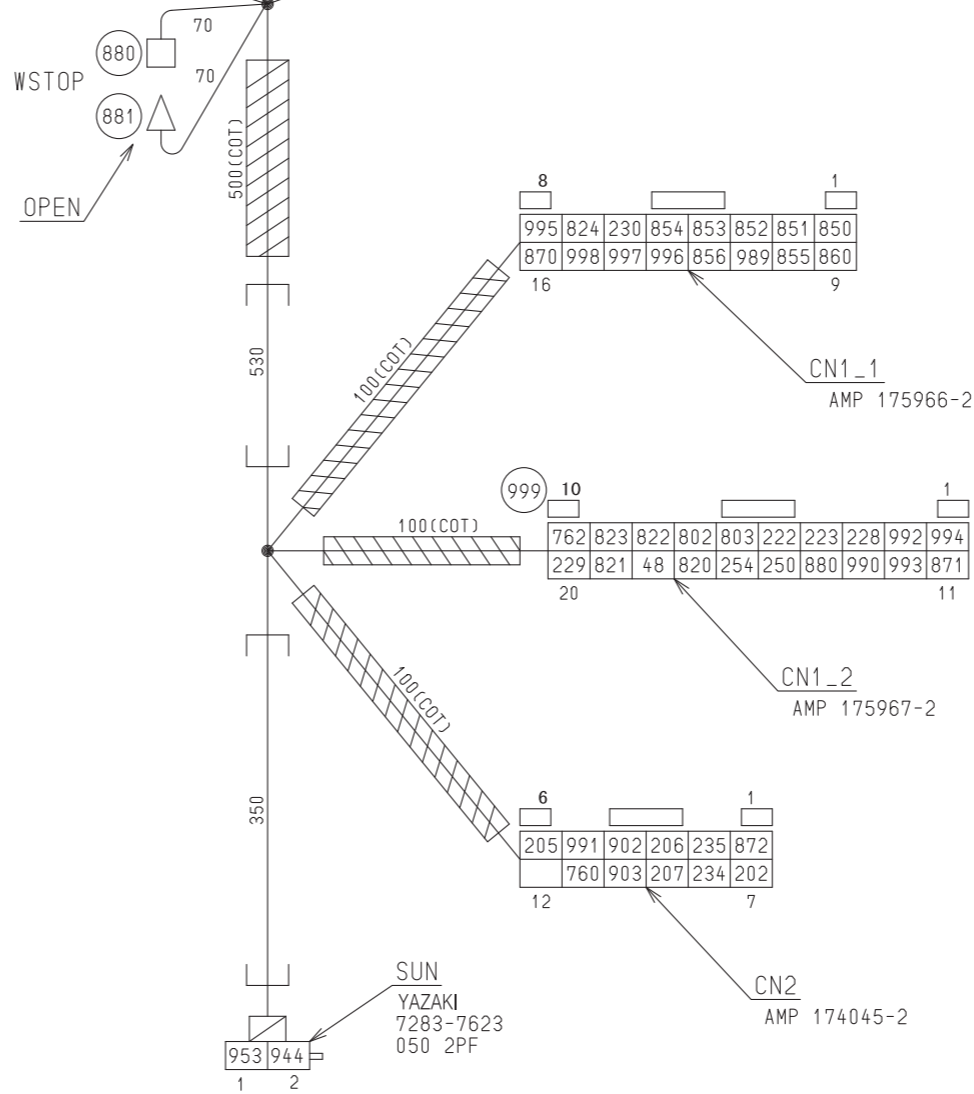
ZAXIS450-3/500LC-3/520LCH-3/650LC-3/850-3 MONITOR HARNESS



No.	SIZE	COL.	CIRCUIT		COMMENT
			FROM	TO	
48	0.3	G	CN1_2-18	JOINT6-4	A/i SW
202	0.3	LY	CN2-7	JOINT5-16	REG INPUT
205	0.3	RL	CN2-6	JOINT6-14	WIPER POWER
206	0.3	RB	CN2-3	JOINT6-5	WIPER SIGNAL
207	0.5	BW	CN2-9	JOINT6-15	WIPER GND
222	0.3	RL	CN1_2-5	JOINT5-10	OVERHEAT SW
223	0.3	GL	CN1_2-4	JOINT5-9	AIR FILTER SW
228	0.3	YG	CN1_2-3	JOINT6-3	WASHER SW
229	0.3	GW	CN1_2-20	JOINT6-1	LIGHT SW1
230	0.3	LB	CN1_1-6	JOINT6-2	LIGHT SW2
234	0.3	BrL	CN2-8	JOINT7-10	COOLANT TEMP. SENSOR SIGNAL
235	0.3	Br	CN2-2	JOINT7-3	FUEL LEVEL SENSOR SIGNAL
250	0.3	P	CN1_2-15	JOINT5-11	HYDRAULIC OIL FILTER
254	0.3	WR	CN1_2-16	JOINT5-12	ENG. OIL PRESSURE SW
760	0.3	LB	CN2-11	JOINT5-13	ENG. FAILURE SW
761					
762	0.3	RW	CN1_2-10	JOINT6-10	GLOW EXT
802	0.5	G	CN1_2-7	JOINT7-1	CAN_H
803	0.5	L	CN1_2-6	JOINT7-8	CAN_L
820	0.3	GY	CN1_2-17	JOINT5-15	AUXILIARY MODE SW
821	0.3	R	CN1_2-19	JOINT6-9	GATE LOCK SENSOR SW
822	0.3	LB	CN1_2-8	JOINT7-2	SERIAL TX
823	0.3	OB	CN1_2-9	JOINT7-9	SERIAL RX
824	0.3	Y	CN1_1-7	JOINT6-11	POWER ON SIGNAL
850	0.3	G	CN1_1-1	JOINT5-1	LIGHT RELAY 1 OUTPUT
851	0.3	GW	CN1_1-2	JOINT5-2	WIPER CONTROL OUTPUT
852	0.3	GB	CN1_1-3	JOINT5-3	SECURITY HORN OUTPUT
853	0.3	GL	CN1_1-4	JOINT5-4	SECURITY RELAY OUTPUT
854	0.3	R	CN1_1-5	JOINT5-5	LIGHT RELAY 2 OUTPUT
855	0.3	B	CN1_1-10	JOINT5-6	WASHER RELAY OUTPUT
856	0.3	O	CN1_1-12	JOINT5-7	LOAD DUMP RELAY OUTPUT
860	0.3	W	CN1_1-9	JOINT5-8	BUZZER OUTPUT
870	0.3	LB	CN1_1-16	JOINT6-12	BACKUP POWER
871	0.3	B	CN1_2-11	JOINT6-16	GND
872	0.3	GL	CN2-1	JOINT6-13	GLOW INPUT
880	0.5	YL	CN1_2-14	WSTOP	WSTOP
881	0.5	B	WSTOP	(871)	WSTOP
902	0.3	BrW	CN2-4	JOINT6-7	EC DIAL SIGNAL
903	0.3	WY	CN2-10	JOINT6-6	EC DIAL GND
944	0.3	BrL	SUN-2	JOINT7-5	SOLAR SENSOR SIGNAL
953	0.3	BG	SUN-1	JOINT7-14	SOLAR SENSOR POWER
990	0.3	YR	CN1_2-13	JOINT7-12	THEFT-PREVENTION SIGNAL INPUT
991	0.3	GB	CN2-5	JOINT7-13	THEFT-PREVENTION
992	0.5	PuW	CN1_2-2	JOINT7-7	PILOT SHUT-OFF OUTPUT IN
993	0.5	PL	CN1_2-12	JOINT7-16	PILOT SHUT-OFF OUTPUT OUT
994	0.3	GR	CN1_2-1	JOINT7-6	
995	0.5	LR	CN1_1-8	JOINT8-1	CCD POWER (9V)
996	0.3	YR	CN1_1-13	JOINT8-2	9V_GND
997	0.5	B	CN1_1-14	JOINT8-4	CCD_GND
998	0.5	W	CN1_1-15	JOINT8-3	VIDEO INPUT
999	0.5	B	JOINT7-4	CN1_2	SHIELD

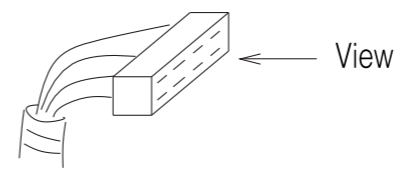
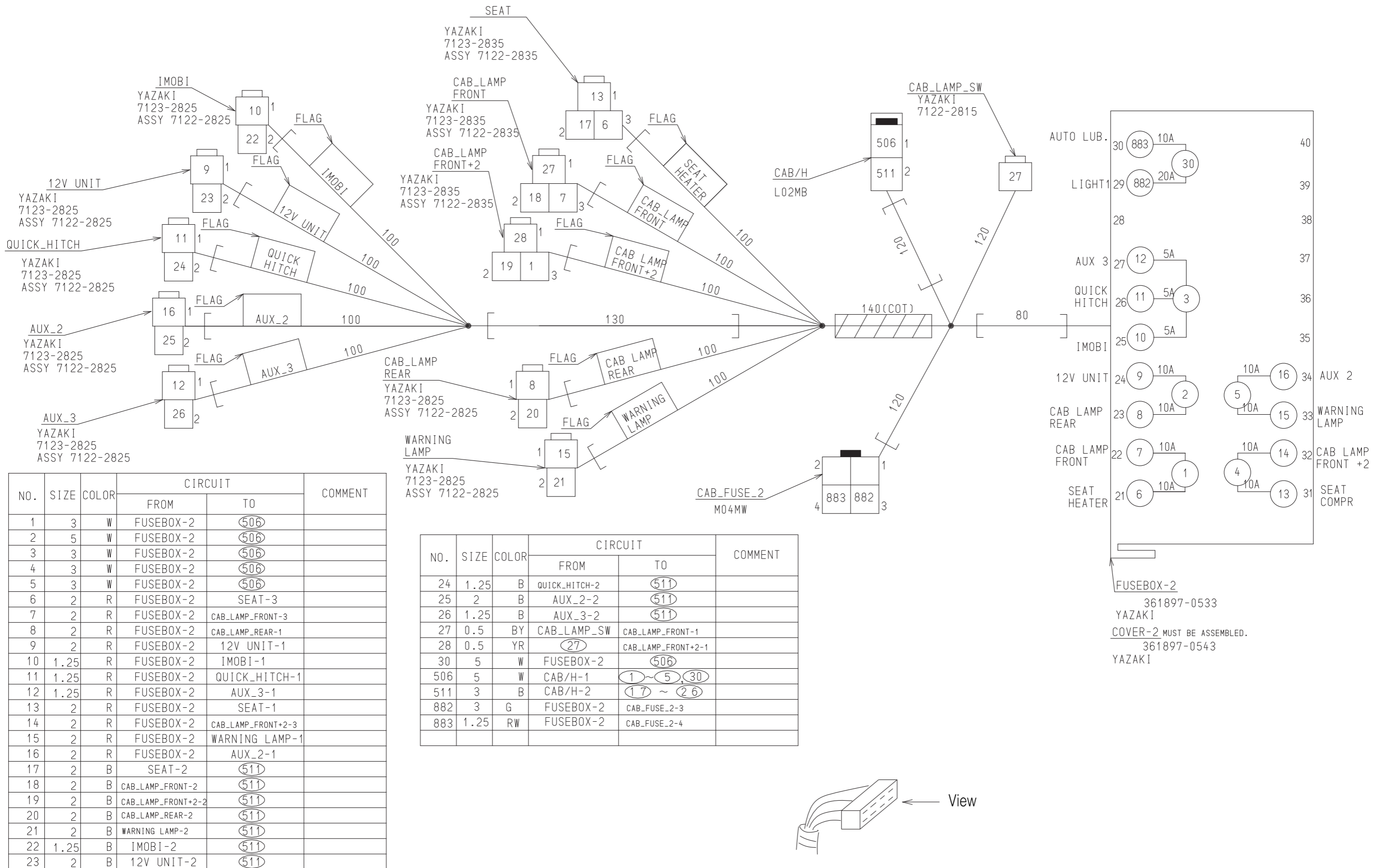
AVSSCS 803 TWIST
AVSSCS 802 TWIST

APEXSP-1A OUTER
APEXSP-1A INNER
AVSSCS OUTER



No.	SIZE	COL.	CIRCUIT		COMMENT
			FROM	TO	
989	0.5	W	CN1_1-11	JOINT6-8	SUB WIPER RELAY OUTPUT

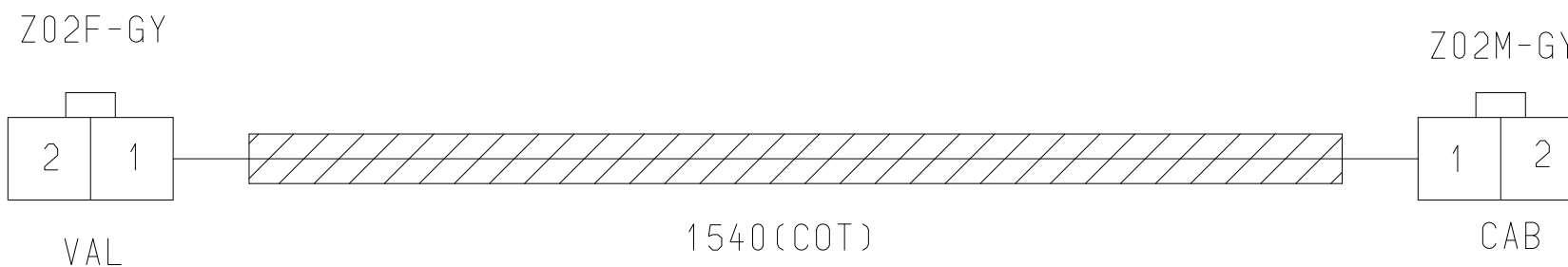
ZAXIS450-3/500LC-3/520LCH-3/650LC-3/850-3 FUSE BOX 2 HARNESS



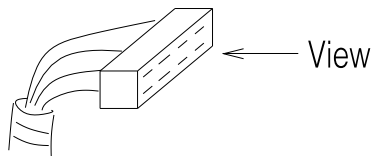
FUSEBOX-2
361897-0533
YAZAKI
COVER-2 MUST BE ASSEMBLED.
361897-0543
YAZAKI

Attach to Vol. No. : T1J1-E-00, T1J7-E-00, T1JB-E-00

ZAXIS450-3/500LC-3/520LCH-3/650LC-3/850-3 PILOT SHUT-OFF SOLENOID VALVE HARNESS

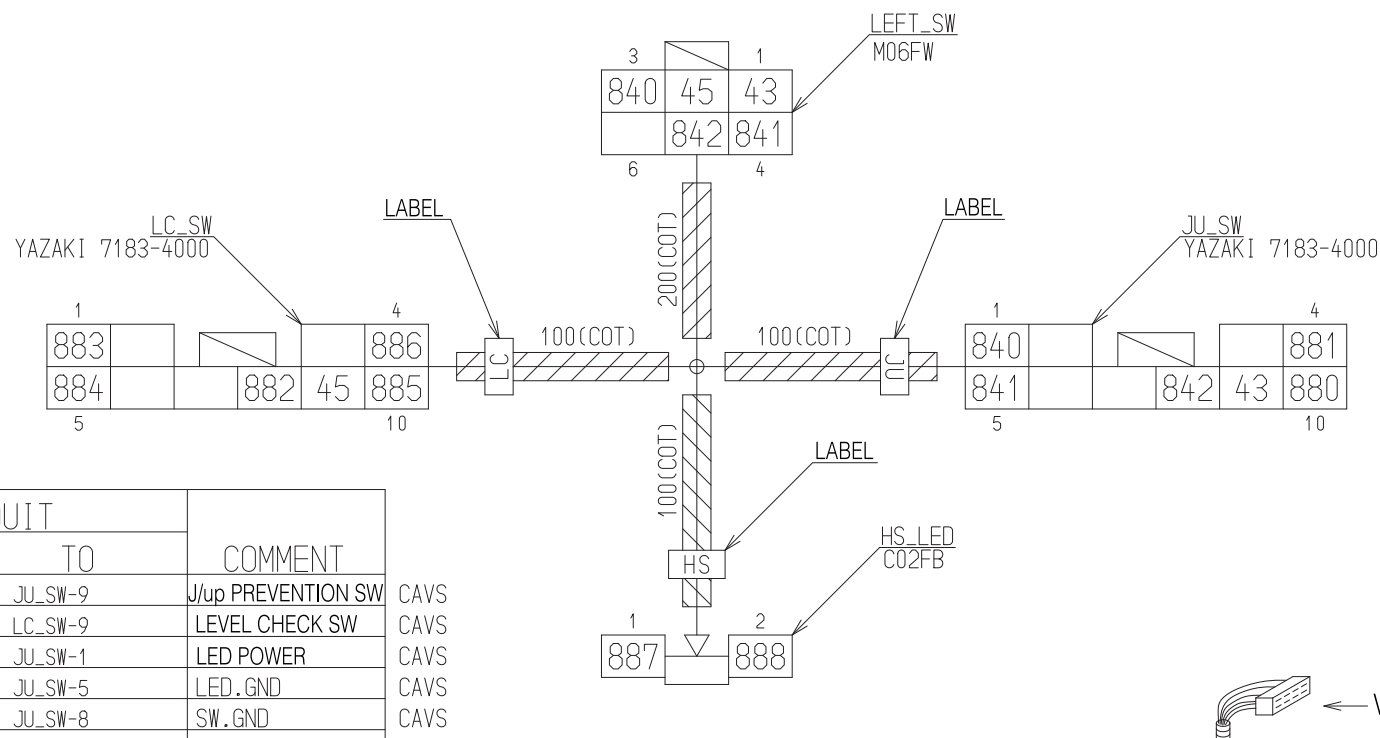


NO.	SIZE	COLOR	CIRCUIT		COMMENT
			FROM	TO	
1	0.5	B	VAL-1	CAB-1	
2	0.5	R	VAL-2	CAB-2	

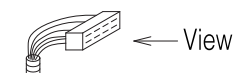


ZAXIS450-3/500LC-3/520LCH-3/650LC-3/850-3

CAB SWITCH HARNESS (BOOM MODE SELECTOR SWITCH, LEVEL CHECK SWITCH, SEAT HEAT SWITCH (OPTIONAL))

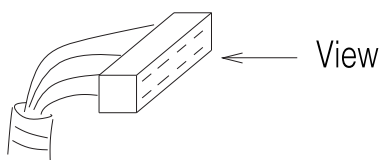
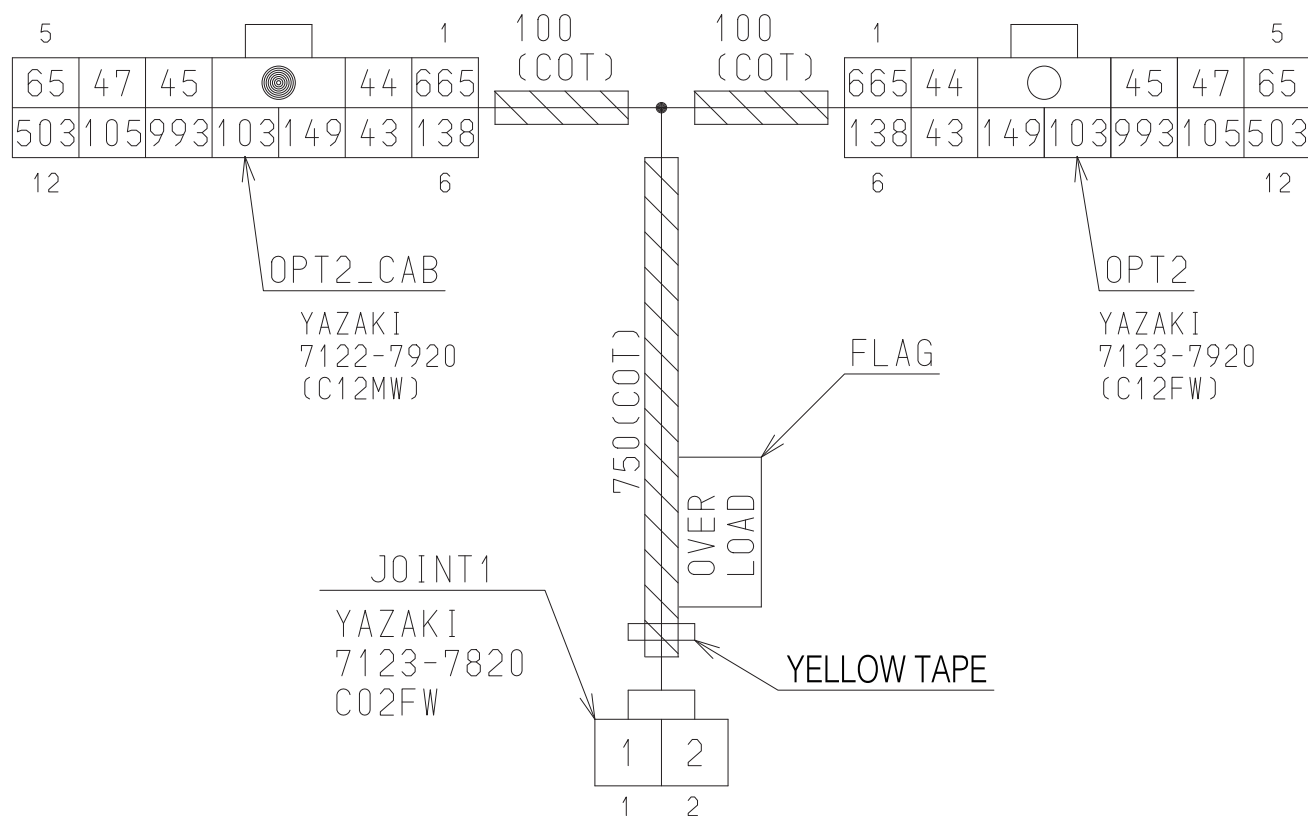


NO.	SIZE	COLOR	COROUIT		COMMENT	
			FROM	TO		
43	0.5	L	LEFT_SW-1	JU_SW-9	J/up PREVENTION SW	CAVS
45	0.5	Y	LEFT_SW-2	LC_SW-9	LEVEL CHECK SW	CAVS
840	0.5	G	LEFT_SW-3	JU_SW-1	LED POWER	CAVS
841	0.5	BG	LEFT_SW-4	JU_SW-5	LED.GND	CAVS
842	0.5	B	LEFT_SW-5	JU_SW-8	SW.GND	CAVS
880	0.5	G	(840)	JU_SW-10	LED POWER	CAVS
881	0.5	BG	(841)	JU_SW-4	LED.GND	CAVS
882	0.5	B	(842)	LC_SW-8	SW.GND	CAVS
883	0.5	G	(840)	LC_SW-1	LED POWER	CAVS
884	0.5	BG	(841)	LC_SW-5	LED.GND	CAVS
885	0.5	G	(840)	LC_SW-10	LED POWER	CAVS
886	0.5	BG	(841)	LC_SW-4	LED.GND	CAVS
887	0.5	G	(840)	HS_LED-1	LED POWER	CAVS
888	0.5	BG	(841)	HS_LED-2	LED.GND	CAVS



ZAXIS450-3/500LC-3/520LCH-3/650LC-3/850-3 OVERLOAD ALARM HARNESS (OPTIONAL)

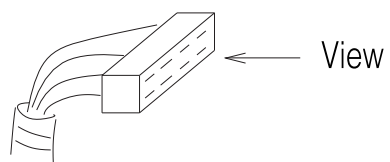
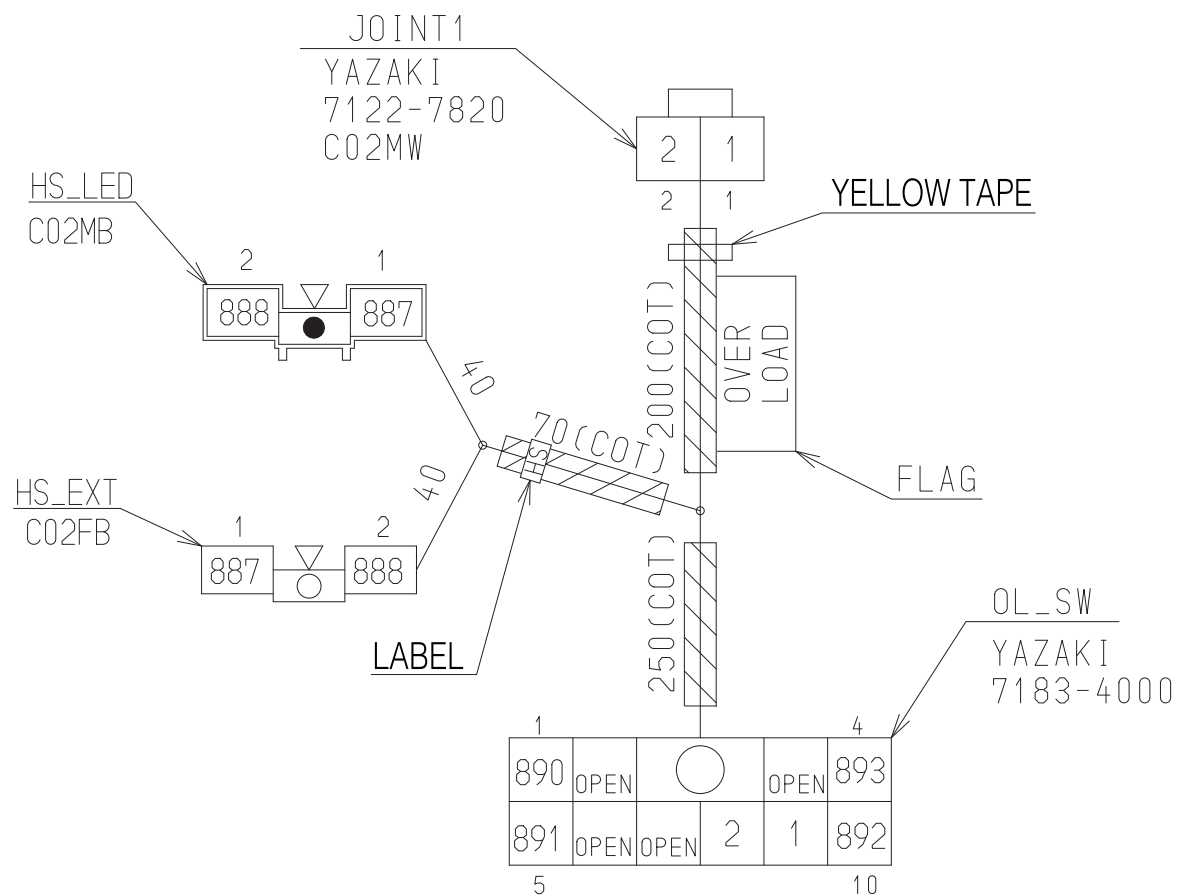
NO.	SIZE	COLOR	FROM	TO
1	0.5	WG	JOINT1-1	(65)
2	0.5	B	JOINT1-2	(503)
43	0.5	GL	OPT2_CAB-7	OPT2-7
44	0.5	Y	OPT2_CAB-2	OPT2-2
45	0.5	GW	OPT2_CAB-3	OPT2-3
47	0.5	GR	OPT2_CAB-4	OPT2-4
65	0.5	WG	OPT2_CAB-5	OPT2-5
103	0.5	L	OPT2_CAB-9	OPT2-9
105	0.5	BR	OPT2_CAB-11	OPT2-11
138	0.5	GB	OPT2_CAB-6	OPT2-6
149	0.5	LB	OPT2_CAB-8	OPT2-8
503	0.5	B	OPT2_CAB-12	OPT2-12
665	0.5	WY	OPT2_CAB-1	OPT2-1
993	0.5	GR	OPT2_CAB-10	OPT2-10



ZAXIS450-3/500LC-3/520LCH-3/650LC-3/850-3

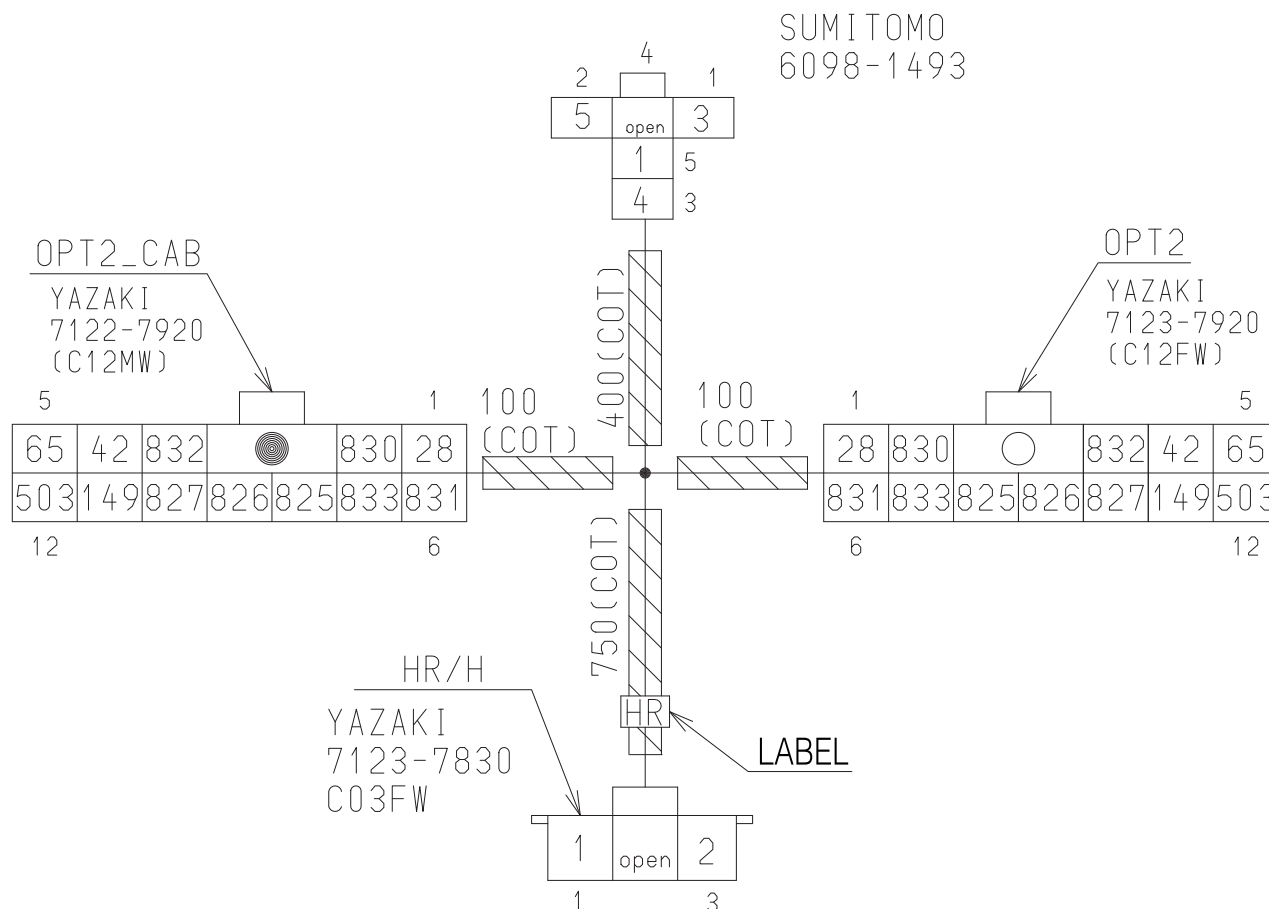
OVERLOAD ALARM SUB HARNESS (OPTIONAL)

NO.	SIZE	COLOR	FROM	TO	COMMENT
1	0.5	WG	JOINT1-1	OL_SW-9	OVL.SW
2	0.5	B	JOINT1-2	OL_SW-8	CAVS
887	0.5	G	HS_EXT-1	HS_LED-1	LED POWER
888	0.5	BG	HS_EXT-2	HS_LED-2	LED.GND
890	0.5	G	(887)	OL_SW-1	LED POWER
891	0.5	BG	(888)	OL_SW-5	LED.GND
892	0.5	G	(887)	OL_SW-10	LED POWER
893	0.5	BG	(888)	OL_SW-4	LED.GND



ZAXIS450-3/500LC-3/520LCH-3/650LC-3/850-3 BREAKER HOUR METER HARNESS (CAB HARNESS SIDE) (OPTIONAL)

NO.	SIZE	COLOR	FROM	TO
1	0.5	R	HR/H-1	BR_R-5
2	0.5	B	HR/H-3	503
3	0.5	WY	28	BR_R-1
4	0.5	WY	28	BR_R-3
5	0.5	PW	831	BR_R-2
28	0.85	WY	OPT2_CAB-1	OPT2-1
42	0.5	GR	OPT2_CAB-4	OPT2-4
65	0.5	WG	OPT2_CAB-5	OPT2-5
149	0.5	OB	OPT2_CAB-11	OPT2-11
503	0.85	B	OPT2_CAB-12	OPT2-12
825	0.5	LR	OPT2_CAB-8	OPT2-8
826	0.5	G	OPT2_CAB-9	OPT2-9
827	0.5	RG	OPT2_CAB-10	OPT2-10
830	0.5	LW	OPT2_CAB-2	OPT2-2
831	0.5	PW	OPT2_CAB-6	OPT2-6
832	0.5	GR	OPT2_CAB-3	OPT2-3
833	0.5	RY	OPT2_CAB-7	OPT2-7

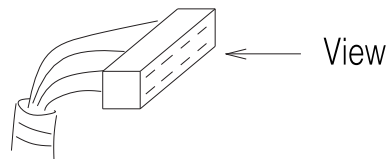


Attach to Vol. No. : T1J1-E-00, T1J7-E-00, T1JB-E-00

ZAXIS450-3/500LC-3/520LCH-3/650LC-3/850-3

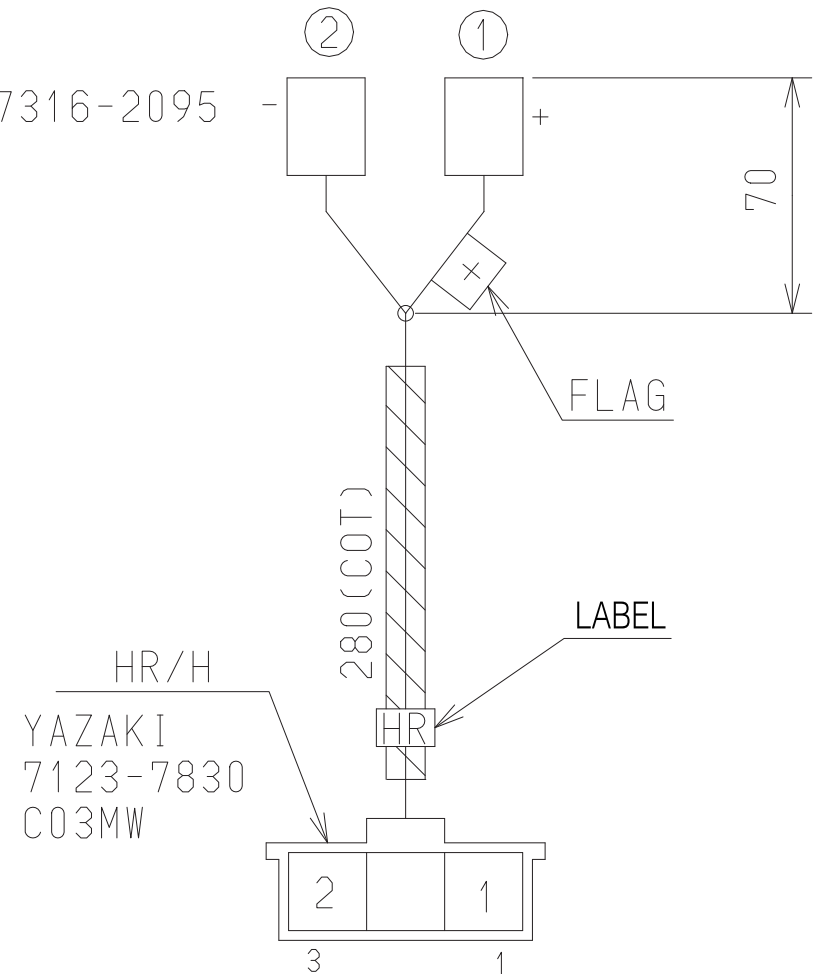
BREAKER HOUR METER HARNESS (CONSOLE SIDE) (OPTIONAL)

NO.	SIZE	COLOR	FROM	TO
1	0.5	R	HOUR METER +	HR/H-1
2	0.5	B	HOUR METER -	HR/H-3



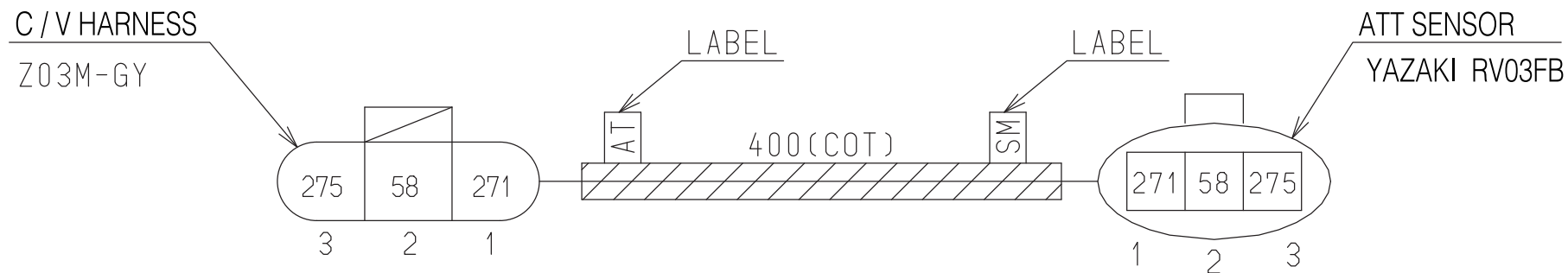
YAZAKI
ASSY

7316-2095

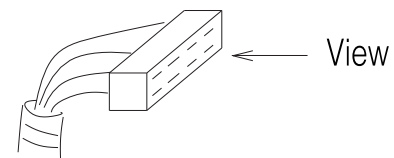


Attach to Vol. No. : T1J1-E-00, T1J7-E-00, T1JB-E-00

ZAXIS450-3/500LC-3/520LCH-3/650LC-3/850-3 ATT SENSOR HARNESS (OPTIONAL)



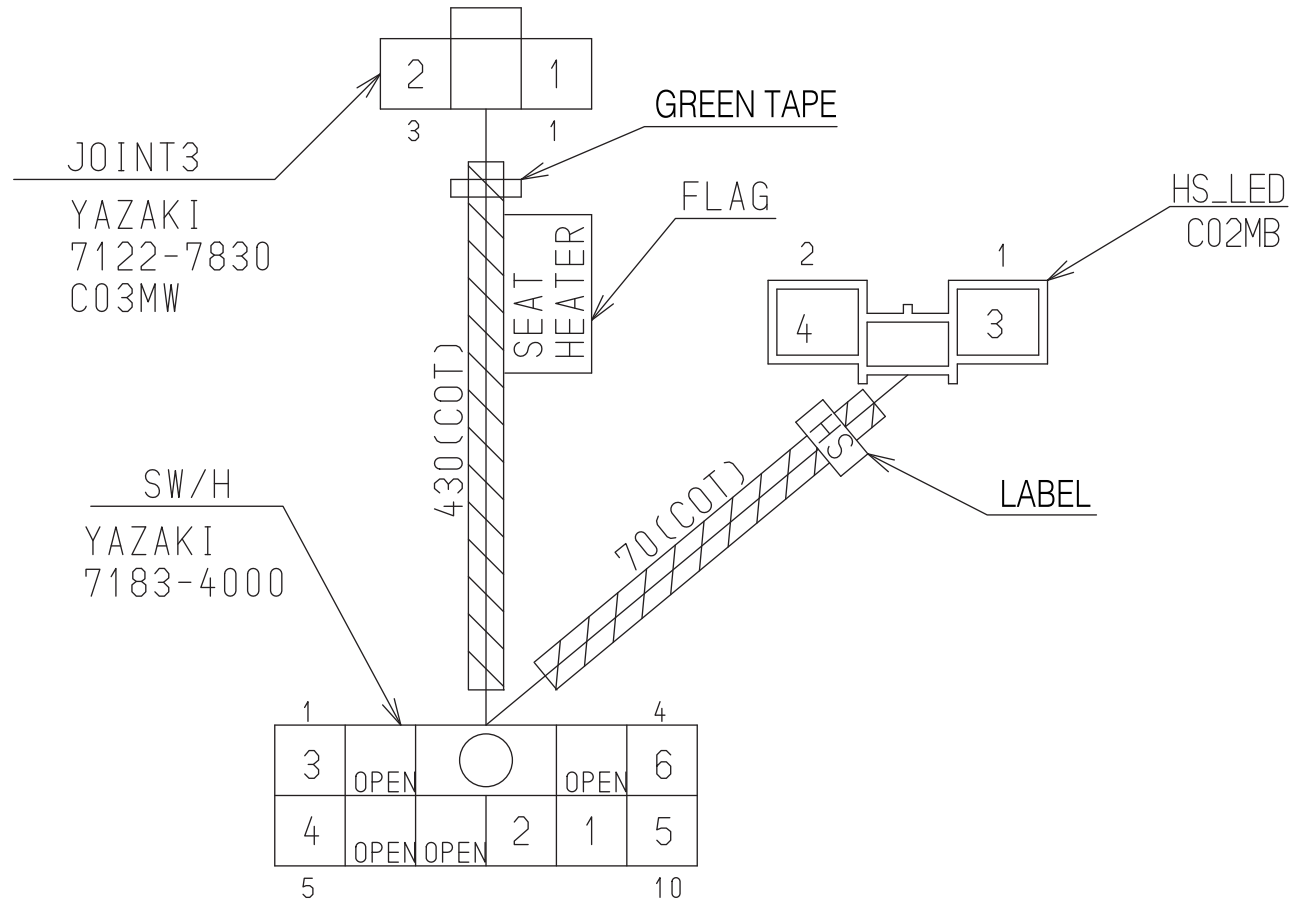
No	SIZE	COL	CIRCUIT	
			FROM	TO
58	0.5	Br	C/V HARNESS 2	ATT SENSOR 2
271	0.5	R	C/V HARNESS 1	ATT SENSOR 1
275	0.5	B	C/V HARNESS 3	ATT SENSOR 3



Attach to Vol. No. : T1J1-E-00, T1J7-E-00, T1JB-E-00

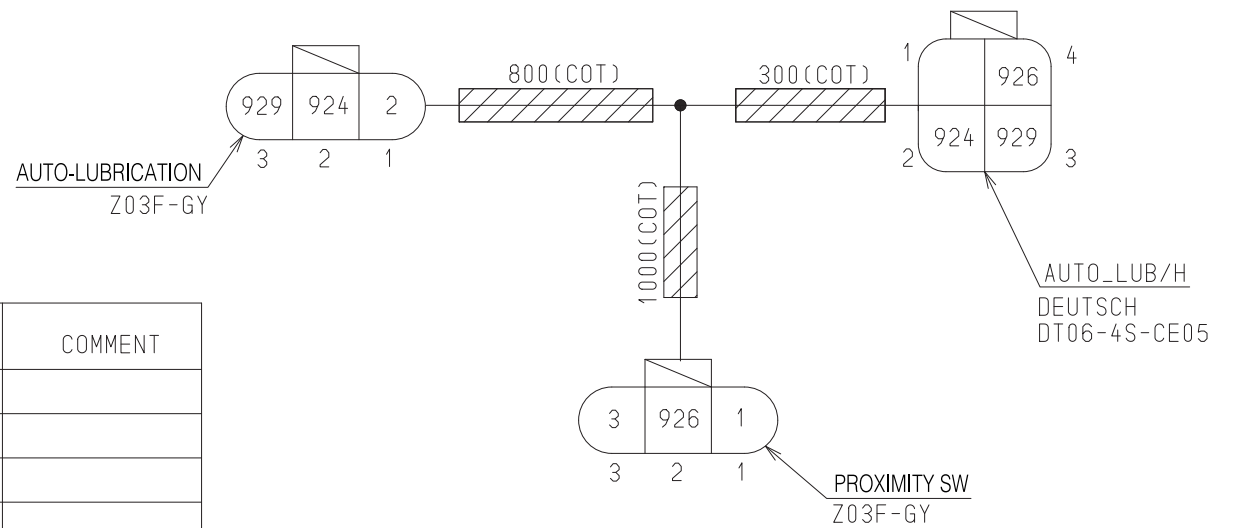
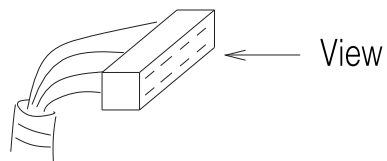
ZAXIS450-3/500LC-3/520LCH-3/650LC-3/850-3 SEAT HEATER HARNESS (OPTIONAL)

NO.	SIZE	COLOR	FROM	TO
1	0.85	WR	JOINT3-1	SW/H-9
2	0.85	L	JOINT3-3	SW/H-8
3	0.85	RW	HS_LED-1	SW/H-1
4	0.85	BR	HS_LED-2	SW/H-5
5	0.85	RW	③	SW/H-10
6	0.85	BR	④	SW/H-4



ZAXIS450-3/500LC-3/520LCH-3

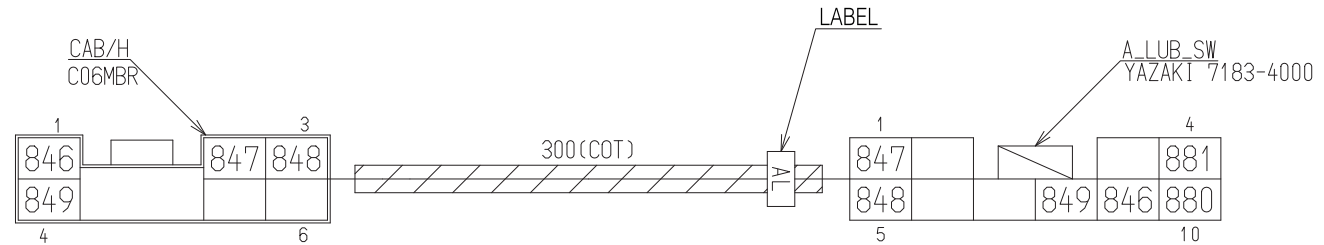
AUTO-LUBRICATION HARNESS 1 (MACHINE SIDE) (OPTIONAL)



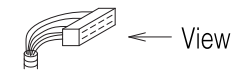
NO.	SIZE	COL.	FROM	TO	COMMENT
924	1.25	R	AUTO_LUB/H -2	AUTO-LUBRICATION -2	
926	0.5	W	AUTO_LUB/H -4	PROXIMITY SW -2	
929	1.25	B	AUTO_LUB/H -3	AUTO-LUBRICATION -3	
1	0.5	L	929	PROXIMITY SW -1	
2	1.25	B	929	AUTO-LUBRICATION -1	
3	0.5	Br	924	PROXIMITY SW -3	

Attach to Vol. No. : T1J1-E-00, T1J7-E-00, T1JB-E-00

ZAXIS450-3/500LC-3/520LCH-3/650LC-3/850-3 AUTO-LUBRICATION HARNESS 1 (CAB SWITCH HARNESS SIDE) (OPTIONAL)

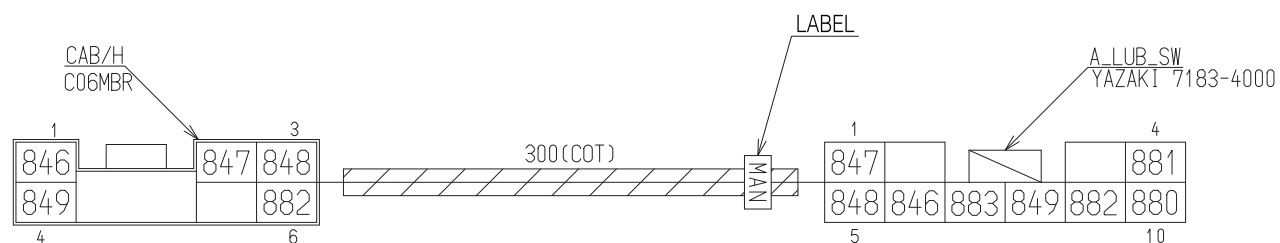


NO.	SIZE	COLOR	COROUIT		COMMENT	
			FROM	TO		
846	0.5	YR	CAB/H-1	A_LUB_SW-9	AUTO-LUBRICATION SW	CAVS
847	0.5	G	CAB/H-2	A_LUB_SW-1	LED POWER	CAVS
848	0.5	BG	CAB/H-3	A_LUB_SW-5	LED.GND	CAVS
849	0.5	B	CAB/H-4	A_LUB_SW-8	SW.GND	CAVS
880	0.5	G	(847)	A_LUB_SW-10	LED POWER	CAVS
881	0.5	BG	(848)	A_LUB_SW-4	LED.GND	CAVS

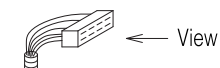


Attach to Vol. No. : T1J1-E-00, T1J7-E-00, T1JB-E-00

ZAXIS450-3/500LC-3/520LCH-3/650LC-3/850-3 AUTO-LUBRICATION HARNESS 2 (CAB SWITCH HARNESS SIDE) (OPTIONAL)



NO.	SIZE	COLOR	COROUIT		COMMENT	
			FROM	TO		
846	0.5	YR	CAB/H-1	A_LUB_SW-6	AUTO SW	CAVS
847	0.5	G	CAB/H-2	A_LUB_SW-1	LED POWER	CAVS
848	0.5	BG	CAB/H-3	A_LUB_SW-5	LED.GND	CAVS
849	0.5	B	CAB/H-4	A_LUB_SW-8	SW.GND	CAVS
880	0.5	G	(847)	A_LUB_SW-10	LED POWER	CAVS
881	0.5	BG	(848)	A_LUB_SW-4	LED.GND	CAVS
882	0.5	LY	CAB/H-6	A_LUB_SW-9	MANUAL SW	CAVS
883	0.5	B	(849)	A_LUB_SW-7	SW.GND	CAVS

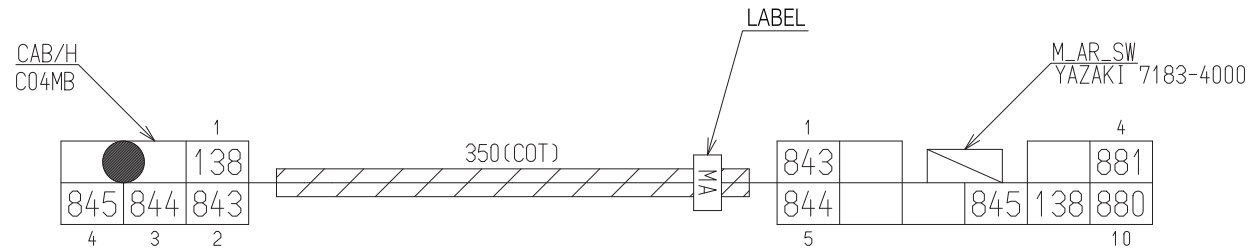


Attach to Vol. No. : T1J1-E-00, T1J7-E-00, T1JB-E-00

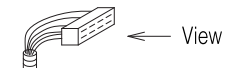
ZAXIS450-3/500LC-3/520LCH-3/650LC-3/850-3

CAB SWITCH HARNESS

(TRAVEL ALARM DEACTIVATION SWITCH) (OPTIONAL)



NO.	SIZE	COLOR	COROUIT		COMMENT	
			FROM	TO		
138	0.5	O	CAB/H-1	M_AR_SW-9	M.AR.C.SW	CAVS
843	0.5	G	CAB/H-2	M_AR_SW-1	LED POWER	CAVS
844	0.5	BG	CAB/H-3	M_AR_SW-5	LED.GND	CAVS
845	0.5	B	CAB/H-4	M_AR_SW-8	SW.GND	CAVS
880	0.5	G	(843)	M_AR_SW-10	LED POWER	CAVS
881	0.5	BG	(844)	M_AR_SW-4	LED.GND	CAVS

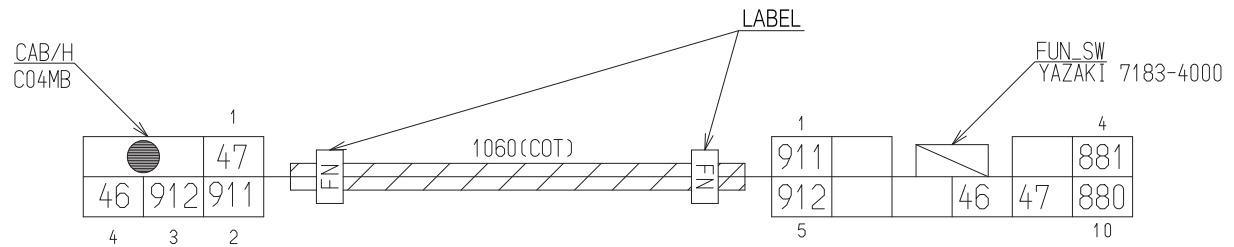


Attach to Vol. No. : T1J1-E-00, T1J7-E-00, T1JB-E-00

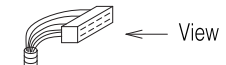
ZAXIS450-3/500LC-3/520LCH-3/650LC-3/850-3

CAB SWITCH HARNESS

(FAN ROTATION DIRECTION SWITCH) (OPTIONAL)

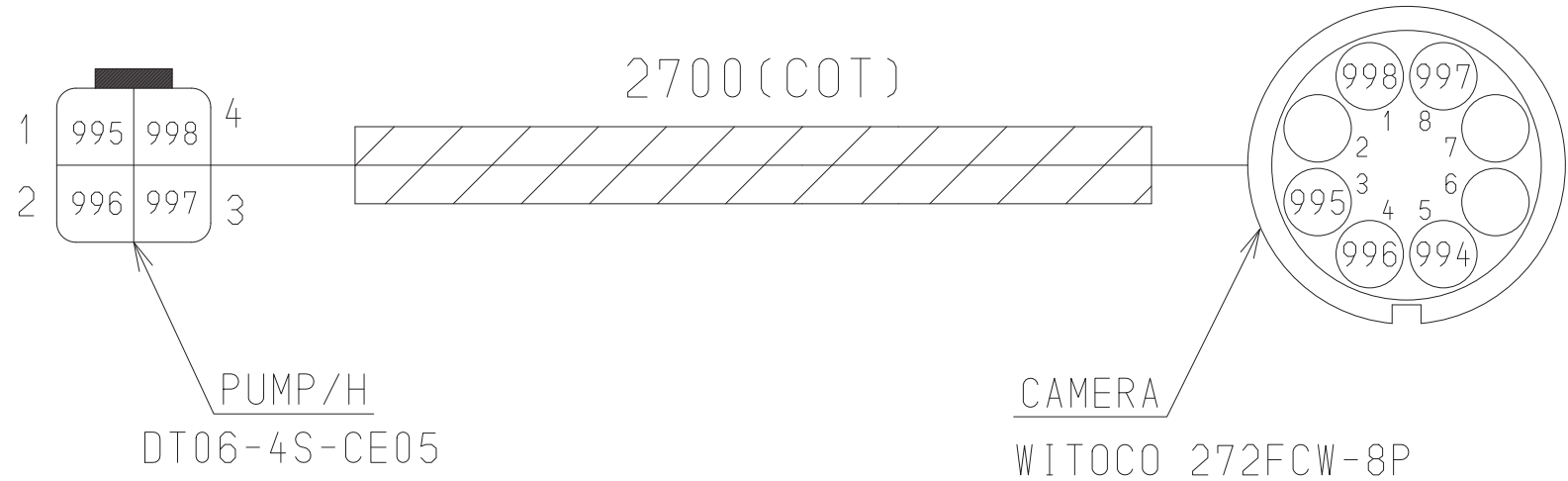


NO.	SIZE	COLOR	CIRCUIT		COMMENT	
			FROM	TO		
47	0.5	GW	CAB/H-1	FUN_SW-9	MOTOR MODE SW	CAVS
911	0.5	G	CAB/H-2	FUN_SW-1	LED POWER	CAVS
912	0.5	BG	CAB/H-3	FUN_SW-5	LED.GND	CAVS
46	0.5	B	CAB/H-4	FUN_SW-8	SW.GND	CAVS
880	0.5	G	(911)	FUN_SW-10	LED POWER	CAVS
881	0.5	BG	(912)	FUN_SW-4	LED.GND	CAVS

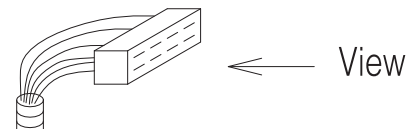


Attach to Vol. No. : T1J1-E-00, T1J7-E-00, T1JB-E-00

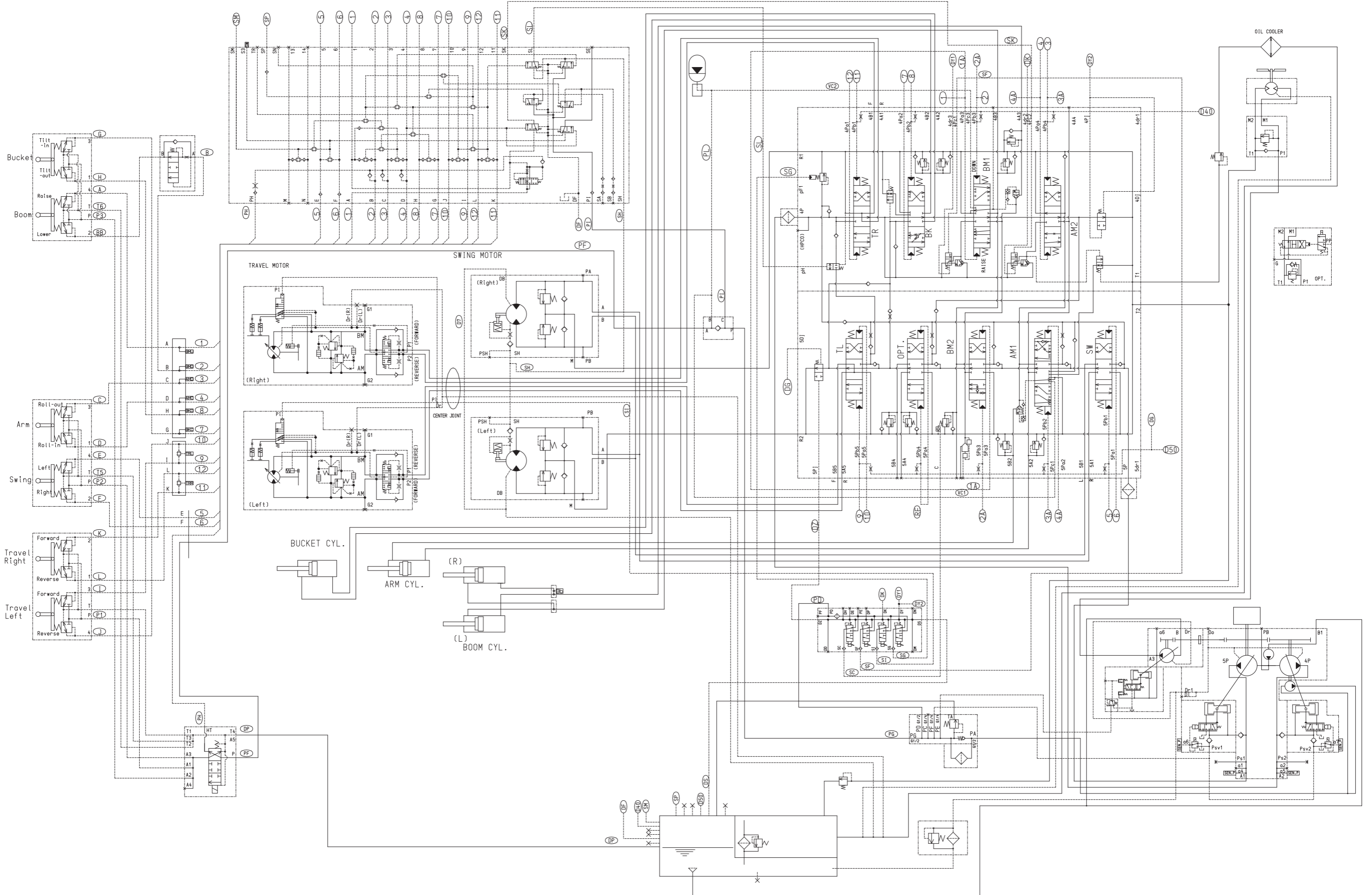
ZAXIS450-3/500LC-3/520LCH-3/650LC-3/850-3 REAR VIEW CAMERA RELAY HARNESS



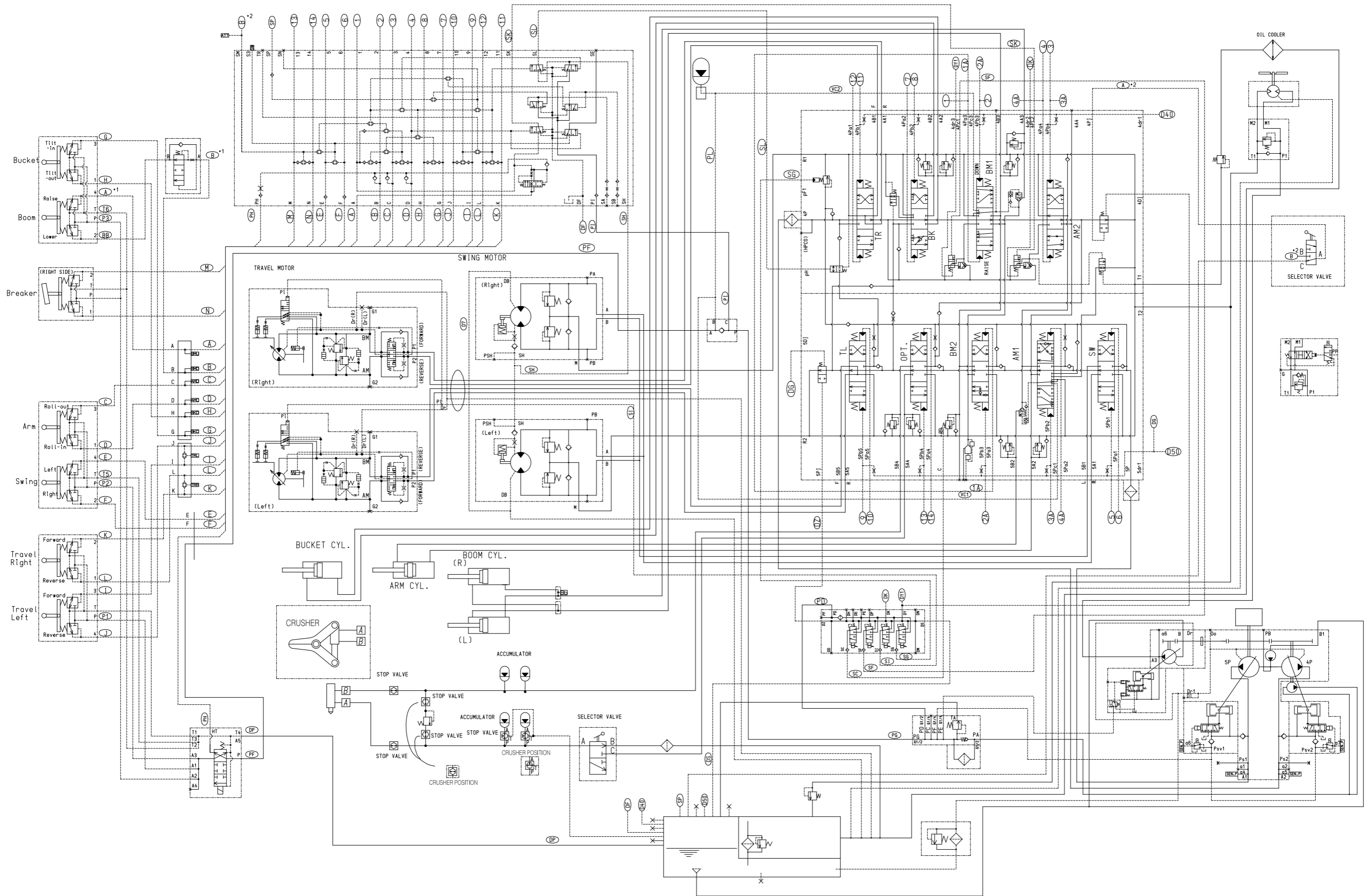
NO.	S I Z E	COL	CIRCUIT		COMMENT
			FROM	TO	
994		Y	⑨96	CAMERA-5	CAMERA GND
995		R	PUMP/H-3	CAMERA-3	CAMERA POWER
996		B	PUMP/H-4	CAMERA-4	CAMERA GND
997		B	PUMP/H-8	CAMERA-8	GND
998		W	PUMP/H-1	CAMERA-1	AV SIGNAL



ZAXIS450-3/500LC-3/520LCH-3 HYDRAULIC CIRCUIT DIAGRAM (BACKHOE)



ZAXIS450-3/500LC-3/520LCH-3 HYDRAULIC CIRCUIT DIAGRAM (BREAKER / CRUSHER / TWO SPEED FLOW COMBINER) (OPTIONAL)



ZAXIS450-3 HYDRAULIC CIRCUIT DIAGRAM (WITH COUNTERWEIGHT REMOVAL AND INSTALLATION DEVICE) (OPTIONAL)

