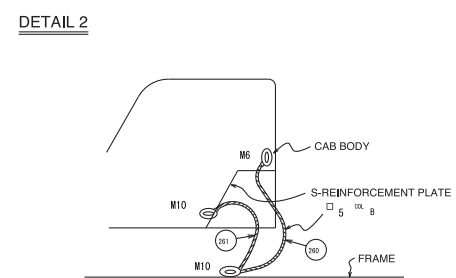
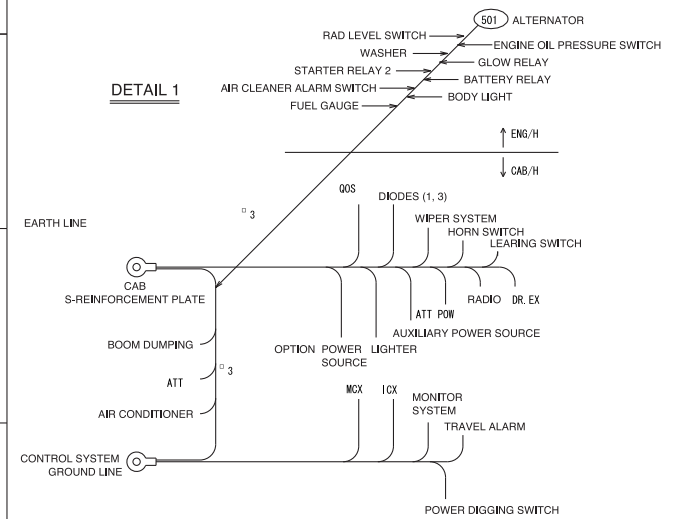
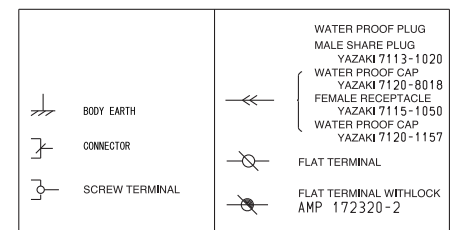


ZAXIS200-3 CLASS /240-3 CLASS/270-3 CLASS/330-3 CLASS CONNECTORS

CAUTION: Parts numbers on the drawing are provided only for reference purpose.
To order parts on the drawing, be sure to consult the Parts Catalog.

CONNECTOR - TERMINAL USAGE TABLE (HARNESS END CONNECTOR WITHOUT COMMENT)

	FUEL GAUGE 202F-GY	BUZZER 002FW		PC YAZAKI 7323-2064	CANCELLATION SWITCH (TRAVEL ALARM) 0N03F	FRESH AIR SENSOR (120 SERIES) YAZAKI 090-II 7383-7028	SOLAR RADIATION SENSOR (120 SERIES) YAZAKI 050 2PF 7283-7623
TRAVEL Z04M-GY	QOS CONTROLLER YAZAKI 7123-7484-40	COMPRESSOR YAZAKI 7323-6214-40	PUMP/H (ENG END) SUMITOMO 6188-0494	FRESH AIR SENSOR (200 SERIES) AMP E J () 2-POLE FEMALE 174352-2	AIRCON M04_FW	SOLAR RADIATION SENSOR (200 SERIES) YAZAKI	AIR CONDITIONER PRESSURE SWITCH (200 SERIES) SUMITOMO 6189-0533
DIODE YAZAKI 7283-1223-30	SPEAKER PH065-02010	PRESSURE SENSOR (LOW) YAZAKI R V O 3 F B		GLOW RELAY YAZAKI 7323-2228	AIRCON SEN 003_MN	OPTIONAL POWER SOURCE M06_FW	WIPES SWING ALARM 002FW
PRESSURE SENSOR (HIGH) ADD PUMP3 AMP E J () 070 3-POLE FEMALE	SOLENOID SUMITOMO 6189-0031	WIPER (CAB/H END) 006FW	HYDRAULIC OIL TEMPERATURE SENSOR JF002LP-GY PB187-02326-G	WASHER PH065-02010 (CN, WITHOUT LOCK)	ALTERNATOR (ENGINE OIL PRESSURE SWITCH) YAZAKI 7323-1424-40 YAZAKI X02FW (BR) (330)	LEARNING SWITCH 006F-W	BOOM DUMPING 008FW
GENERAL RELAY SUMITOMO 6098-1493	EO LEVEL COOLANT TEMPERATURE SWITCH YAZAKI 7323-7414-40	RAD LEVEL PH065-03010	ROTATION SENSOR BOOM DUMPING Z02F-GY	EC ANGLE SENSOR Z03F-GY	STEP MOTOR Z04F-GY	STARTER SWITCH DSD-06F-W	WIPER SUMITOMO 6189-0133
				ML CRANE C12FW	RADIO AM-FM FUJITU-TEN YAZAKI 7123-1402		
MCF-A AMP 179681-6	MCF-B AMP 179679-6	MCF-C AMP 179690-5			MCF-D AMP 179678-6		
MONITOR A (CAB/H END) C16FBR	MONITOR B (CAB/H END) ATT ADDITIONAL PUMP ATT2 C16FW	MONITOR C (CAB/H END) C16FB			SW-BOX ADDITIONAL PUMP ATT1 C16MW		
MONITOR A AMP 175966-2	MONITOR B AMP 175967-2	MONITOR C AMP 174047-2			SATELLITE/PC C10FW		
ICF-A AMP-174516-7	ICF-B AMP-174514-7	ICF-C AMP-174913-7			ICF-D AMP-174515-7		



- NOTE**
1. Systematize the HARNESS GND LINE into two groups of the electric power lines and the control system lines.
Caulk both line ends with M8 round hole terminals. Then, connect both lines to the S-reinforcement plate. (See detailed figure-1)
 2. Provide the separate ground line connecting the S-reinforcement plate, cab, and frame with a 5 mm-diameter wire. (See detailed figure-2)
 3. Use 0.5 mm-diameter wire harnesses unless specified.
 4. Before placing an order for a part by means of the drawing No., make sure the drawing update version, and its applicable machine models by referring to the Parts Catalog

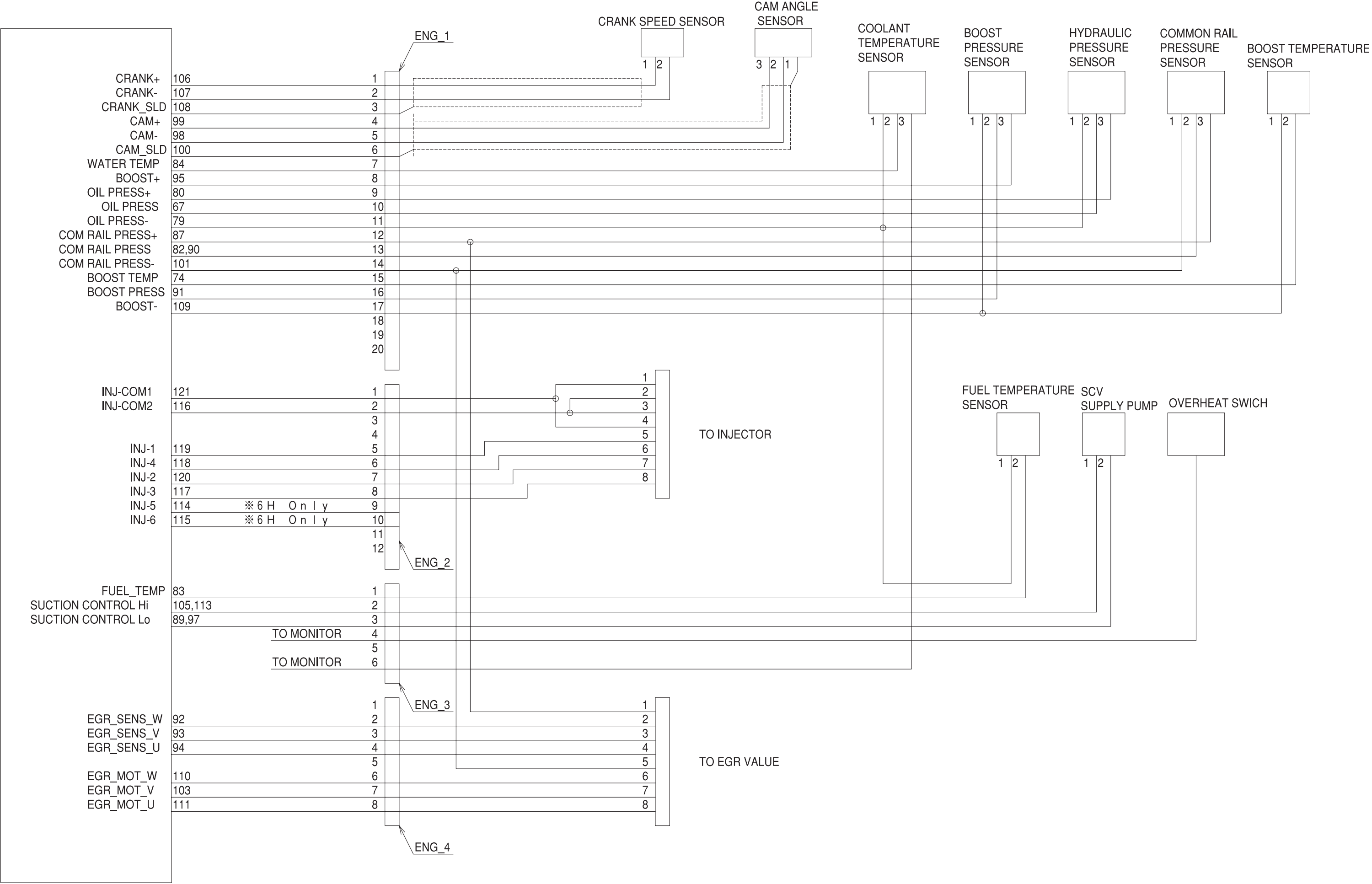
ZAXIS330-3 CLASS ENGINE HARNESS

CAUTION: Parts numbers on the drawing are provided only for reference purpose. To order parts on the drawing, be sure to consult the Parts Catalog.

NO.	SIZE	COLOR	CIRCUIT	FROM	TO	COMMENT
3	0.5	L-B	CABH-1-1	PUMP#5		
4	0.5	L-R	CABH-1-10	PUMP#6		
5	0.5	B-W	CABH-1-2	PUMP#7		
6	0.5	G-W	CABH-1-11	PUMP#4		
7	0.5	R-W	CABH-1-3	SF-1	AVX	
8	0.5	B-W	CABH-1-12	SF-2	AVX	
9	0.5	R	CABH-1-4	SC-1	AVX	
10	0.5	G	CABH-1-13	SC-2	AVX	
11	0.5	Y	CABH-1-5	SG-1	AVX	
14	0.5	W-G	CABH-1-14	SG-2	AVX	
15	0.5	L	CABH-1-6	SH	AVX	
16	0.5	R	CABH-1-15	SH-2	AVX	
17	0.5	R	CABH-4-1	ATT-6		
18	0.5	Y-G	CABH-4-7	ATT-7		
21	0.5	O	CABH-4-3	ATT-12		
22	0.5	R-G	CABH-4-8	ATT-13		
26	0.5	W-R	CABH-4-26	TRAVEL-2		
27	0.5	B-R	CABH-4-25	SWING-2		
51	0.5	R-Y	CABH-1-9	JOINT3		
53	0.5	BY	CABH-1-52	JOINT3		
58	0.5	R-G	CABH-1-16	PUMP#3		
59	0.5	B-L	CABH-1-33	CBH-2	CAVS	
60	0.5	Y-B	CABH-1-52	TRAV-2	CAVS	
61	0.5	G-Y	CABH-1-25	PUMP#4		
62	0.5	R-B	CABH-1-42	CAH-2	CAVS	
64	0.5	B	CABH-4-17	PUMP#1		
68	0.5	L-B	CABH-4-17	ATT-2		
69	0.5	R-W	CABH-4-13	ATT-1		
70	0.5	Y-B	CABH-1-17	PUMP#2		
71	0.5	B-R	CABH-1-43	X-2	CAVS	
72	0.5	B-G	CABH-4-12	ATT-3		
73	0.5	O-B	CABH-4-19	ML-5		
74	0.5	G	CABH-4-24	ML-1		
76	0.5	Y	CABH-4-16	ML-4		
78	0.5	R	CABH-1-24	FRT-2	CAVS	
80	0.5	P	CABH-4-23	ML-2		
81	0.5	L-Y	CABH-1-51	ML-TEMP-S-1		
100	0.5	W-G	CABH-4-14	ML-3		
101	0.5	W	CABH-4-1	PUMP#2		
102	0.5	W	CABH-4-2	PUMP#3		
118	0.5	BY	JOINT3	ML-TEMP-S-2		
138	0.5	G-B	CABH-4-31	TRAVEL-4		
140	0.5	B	TRAVEL-3			
141	0.5	W-Y	CABH-4-32	TRAVEL-1		
149	0.5	L-B	CABH-4-30	SWING-1		
160	0.5	R-Y	JOINT3	CBH-1	CAVS	
161	0.5	R-Y	JOINT3	CBH-1	CAVS	
162	0.5	R-Y	JOINT3	FRT-1	CAVS	
163	0.5	R-Y	JOINT3	X-1	CAVS	
164	0.5	R-Y	JOINT3	TRAV-1	CAVS	
166	0.5	R	PC1-3	OR-1 ORSF-2		
167	0.5	R	PC1-1	OR-1 ORSF-2		
168	0.5	R	PC1-2	OR-1 ORSF-2		
170	0.5	BY	JOINT3	CAH-3	CAVS	
171	0.5	BY	JOINT3	CAH-3	CAVS	
172	0.5	BY	JOINT3	FRT-3	CAVS	
173	0.5	BY	JOINT3	X-3	CAVS	
174	0.5	BY	JOINT3	TRAV-3	CAVS	
176	0.5	B	PS-P1-3	JOINT1	OR-1 XUSP-2	
177	0.5	B	PS-P2-3	JOINT1	OR-1 XUSP-2	
178	0.5	B	PC2-3	JOINT1	OR-1 XUSP-2	
179	0.5	B	PC2-3	JOINT1	OR-1 XUSP-2	
180	0.5	W	SB-1	ENG#5	OR-1 XUSP-2	
181	0.5	R	SB-2	ENG#6	OR-1 XUSP-2	
182	0.5	B-R	ST-1	ENG#1	OR-1 XUSP-2	
183	0.5	G	ST-2	ENG#8	OR-1 XUSP-2	
186	0.5	G-Y	PS-P1-2	ENG#3	OR-1 XUSP-2	
187	0.5	L	PS-P2-2	ENG#4	OR-1 XUSP-2	
188	0.5	O	PC2-2	ENG#11	OR-1 XUSP-2	
189	0.5	W-L	PC2-2	ENG#2	OR-1 XUSP-2	
198	0.5	W	NS-1	ENG#12	OR-1 XUSP-2	
199	0.5	B	NS-2	ENG#20	OR-1 XUSP-2	
202	0.5	L-Y	CABH-1-36	ALT-L	AEX	
222	0.5	R-L	CABH-1-49	ENG-3-4	AEX	
233	0.5	G-L	CABH-1-39	AIR FLT-F	AEX	
234	0.5	W-B	CABH-1-31	AIR FLT-F	AEX	
235	0.5	B-F	CABH-1-22	FUEL M-1	AEX	
250	0.5	W-L	CABH-1-40	FUEL M-2	AEX	
254	0.5	W-R	CABH-4-22	ECU-1-17		
270	0.5	R-Y	JOINT3	ML-7		
272	0.5	R-Y	JOINT3	ATT-4		
275	0.5	BY	JOINT3	ML-8		
277	0.5	BY	JOINT3	ATT-5		
300	0.85	R-Y	ENG#12	JOINT1	OR-1 ORSF-2	
301	0.85	R-Y	ENG#13	JOINT2	OR-1 ORSF-2	
302	0.85	R-Y	ENG#14	JOINT3	OR-1 ORSF-2	
310	0.85	BY	JOINT3	JOINT1		
311	0.85	BY	JOINT3	JOINT2		
312	0.85	BY	JOINT3	JOINT3		
313	0.85	BY	JOINT3	JOINT4		
501	3	B	CABH-1-27	SAFE-R-5	AEX	
502	0.85	W	ALT-R	(SOT) (S)	AEX	
503	0.85	W-G	SAFER-R	(SOT) (S)	AEX	
504	8	W	ALT-B	65A FL	AEX	
505	2	B-W	CABH-1-27	SAFE-R-5	AEX	
506	5	W	ALT-B	CABH-3-1	AEX	
508	2	W	BATT-R-S	CABH-1-37	AEX	
511	3	R	45A FL	CABH-2-2	AEX	
512	3	R	GR-1	(SOT) (S)	AEX	
513	2	R	FUEL FRESHM-2	(SOT) (S)	AEX	
514	3	B-Y	GR-2	ENG-5	AEX	
515	0.5	G-R	ECU-1-10	GR-4		
516	0.5	G-Y	CABH-1-38	GR-3		
520	2	B	FUEL FRESHM-1	(SOT) (S)	AEX	
521	2	B	BATT-R-E	(SOT) (S)	AEX	
536	2	R-L	CABH-1-9	BOOM LIGHT		

NO.	SIZE	COLOR	CIRCUIT	FROM	TO	COMMENT
537	2	R	CABH-1-21	BODY LIGHT		
542	0.5	R-G	CABH-1-20	HORN-LO		
543	0.5	R-G	CABH-1-20	HORN-HI	(SOT) (S)	
548	0.5	Y	CABH-1-29	WASHER		
547	0.5	B	WASHER-LB	(SOT) (S)		
583	0.85	W	CABH-1-47	PRESSURE SW-1		
584	0.85	W-R	CABH-1-48	PRESSURE SW-2		
588	0.5	R-W	CABH-1-48	FRESH-R-SENSOR-1		
589	0.5	B	FUEL-M-2	(SOT) (S)		
591	0.5	B	AIR FLT-M	(SOT) (S)		
594	5	R	START-C	SAFER-C		
595	5	R-L	START-B	SAFER-B		
596	1.25	B	SAFER-E	(SOT) (S)		
597	0.5	B-R	CABH-1-45	FRESH-R-SENSOR-1		
600	0.5	B	LIGHT GND	(SOT) (S)		
601	5	R	45A FL	BAT-Ry		
602	2.8	W	65A FL	BAT-Ry		
650	0.5	L-W	CABH-4-9	ATT-9	AEX	
651	0.5	Y-B	CABH-4-10	ATT-10		
652	0.5	L-B	CABH-4-5	ATT-8		
653	0.5	R	CABH-4-2	ML-2		
655	0.5	Y-B	CABH-4-4	ATT-11		
664	1.25	L	CABH-1-23	ATT-14	POWER FOR ATT	
700	0.5	B-L	ECU-1-60	AMBIENT SENSOR-3		
701	0.5	G-B	ECU-1-61	AMBIENT SENSOR-3		
702	0.5	O	ECU-1-67	ENG-1-10	AEX	
703	0.5	P-L	ECU-1-71	AMBIENT SENSOR-1	AEX	
704	0.5	R	ECU-1-74	ENG-1-15	AEX	
705	0.5	W	ECU-1-79	ENG-1-11	AEX	
706	0.5	B-L	ECU-1-80	ENG-1-9	AEX	
707	0.5	R	ECU-2-82	ENG-1-13	AEX	
708	0.5	B-R	ECU-2-83	ENG-3-1	AEX	
709	0.5	Y-G	ECU-2-84	ENG-1-7	AEX	
710	0.5	W	ECU-2-87	ENG-1-12	OUTSIDE OF SHIELDING AREA	
711	0.5	G-B	ECU-2-89	ENG-3-3	AEX	
712	0.5	R-B	ECU-2-90	(SOT) (S)	AEX	
713	0.5	L-R	ECU-2-91	ENG-1-16	AEX	
714	0.5	Y-R	ECU-2-92	ENG-4-2	AEX	
715	0.5	O-W	ECU-2-93	ENG-4-3	AEX	
716	0.5	V	ECU-2-94	ENG-4-4	AEX	
717	0.5	O-W	ECU-2-95	ENG-1-8	AEX	
718	0.75	G-Y	ECU-2-97	(SOT) (S)	AEX	
719	0.5	B	ECU-2-98	ENG-1-5	INNER OF SHIELDING AREA	
720	0.5	W	ECU-2-99	ENG-1-4	INNER OF SHIELDING AREA	
721	0.5	G-Y	ECU-2-100	ENG-1-6	OUTSIDE OF SHIELDING AREA	
722	0.5	B	ECU-2-101	ENG-1-14	INNER OF SHIELDING AREA	
723	0.25	L-Y	ECU-2-103	ENG-4-7	AEX	
724	0.75	B-R	ECU-2-105	ENG-3-2	AEX	
725	0.5	B	ECU-2-106	ENG-1-1	INNER OF SHIELDING AREA	
726	0.5	W	ECU-2-107	ENG-1-2	INNER OF SHIELDING AREA	
727	0.5	P	ECU-2-108	ENG-1-3	OUTSIDE OF SHIELDING AREA	
728	0.5	P	ECU-2-109	ENG-1-17	AEX	
729	0.75	L-R	ECU-2-110	ENG-4-6	AEX	
730	0.75	T-L	ECU-2-111	ENG-4-5	AEX	
731	0.75	B-G	ECU-2-113	(SOT) (S)	AEX	
732	1.25	P	ECU-2-116	ENG-2-8	AEX	
733	1.25	W-G	ECU-2-117	ENG-2-8	AEX	
734	1.25	B-W	ECU-2-118	ENG-2-8	AEX	
735	1.25	R-G	ECU-2-119	ENG-2-5	AEX	
736	1.25	L-W	ECU-2-120	ENG-2-7	AEX	
737	1.25	Y	ECU-2-121	ENG-2-1	AEX	
738	1.25	R	ECU-2-114	ENG-2-8	AEX	
739	1.25	Y	ECU-2-115	ENG-2-10	AEX	
750	0.5	R-L	ECU-1-72	IA-T-8		
751	0.5	G-B	ECU-1-38	DMG-5		
752	0.5	R	DMG-1	(SOT) (S)		
754	0.5	B	DMG-3	(SOT) (S)		
755	0.5	Y	ECU-1-32	DMG-3		
756	0.5	P-W	ECU-1-32	DMG-2		
760	0.5	W-Y	CABH-4-21	ECU-1-5		
762	0.5	R-W	CABH-4-20	ECU-1-11		
763	0.5	Y-G	CABH-4-27	ECU-1-21		
764	0.5	R-B	CABH-1-35	ECU-1-24		
765	0.5	Y-G	ECU-1-40	(SOT) (S)		
766	0.5	B-R	CABH-4-6	ECU-1-41		
767	0.5	O-L	CABH-4-18	ECU-1-42		
768	0.5	P-G	CABH-4-11	ECU-1-47		
769	0.5	L-B	CABH-4-15	ECU-1-60		
770	0.5	L-B	ECU-1-54	(SOT) (S)		
780	1.25	L	ECU-1-2	(SOT) (S)		
781	1.25	L	ECU-1-5	(SOT) (S)		
782	1.25	B	ECU-1-1	(SOT) (S)		
783	1.25	B	ECU-1-3	(SOT) (S)		
784	1.25	B	ECU-1-4	(SOT) (S)		
785	0.5	B	ECU-1-43	(SOT) (S)		
786	0.5	B	ECU-1-52	(SOT) (S)		
787	0.5	B-W	ECU-1-46	(SOT) (S)		
790	0.5	B	IA-T-8	(SOT) (S)		
800	0.5	W	CABH-4-29	ECU-1-18	AVSSCS	
801	0.5	L	CABH-4-28	ECU-1-37	AVSSCS	
808	0.5	W	CAN-A	(SOT) (S)	AVSSCS	
809	0.5	L	CAN-B	(SOT) (S)	AVSSCS	
810	3	B	CABH-2-2	(SOT) (S)		
811	3	B	JOINT WITH REAR COVER	(SOT) (S)		
820	0.5	B	ENG#18	FUEL PUMP-1	OR-1 ORSF-2	
821	0.5	R	ENG#17	FUEL PUMP-2	OR-1 ORSF-2	
822	0.5	B	PUMP#18	(SOT) (S)		
823	0.5	R	CABH-1-28	PUMP#17		
830	0.5	G-Y	ENG#14	FUEL FILTER	OR-1 XUSP-2	
841	0.8					
993	0.5	R-W	CABH-1-48	SWING-3	EXCLUDE CONN. CHIEF	
995	R	CABH-1-18	CAMERA	EXCLUDE CONN. CHIEF		
996	B	CABH-1-26	CAMERA	EXCLUDE CONN. CHIEF		
997	G	CABH-1-44	CAMERA	EXCLUDE CONN. CHIEF		
998	B	CABH-1-34	CAMERA	EXCLUDE CONN. CHIEF		
994	0.5	B	SWING-4	(SOT) (S)		</

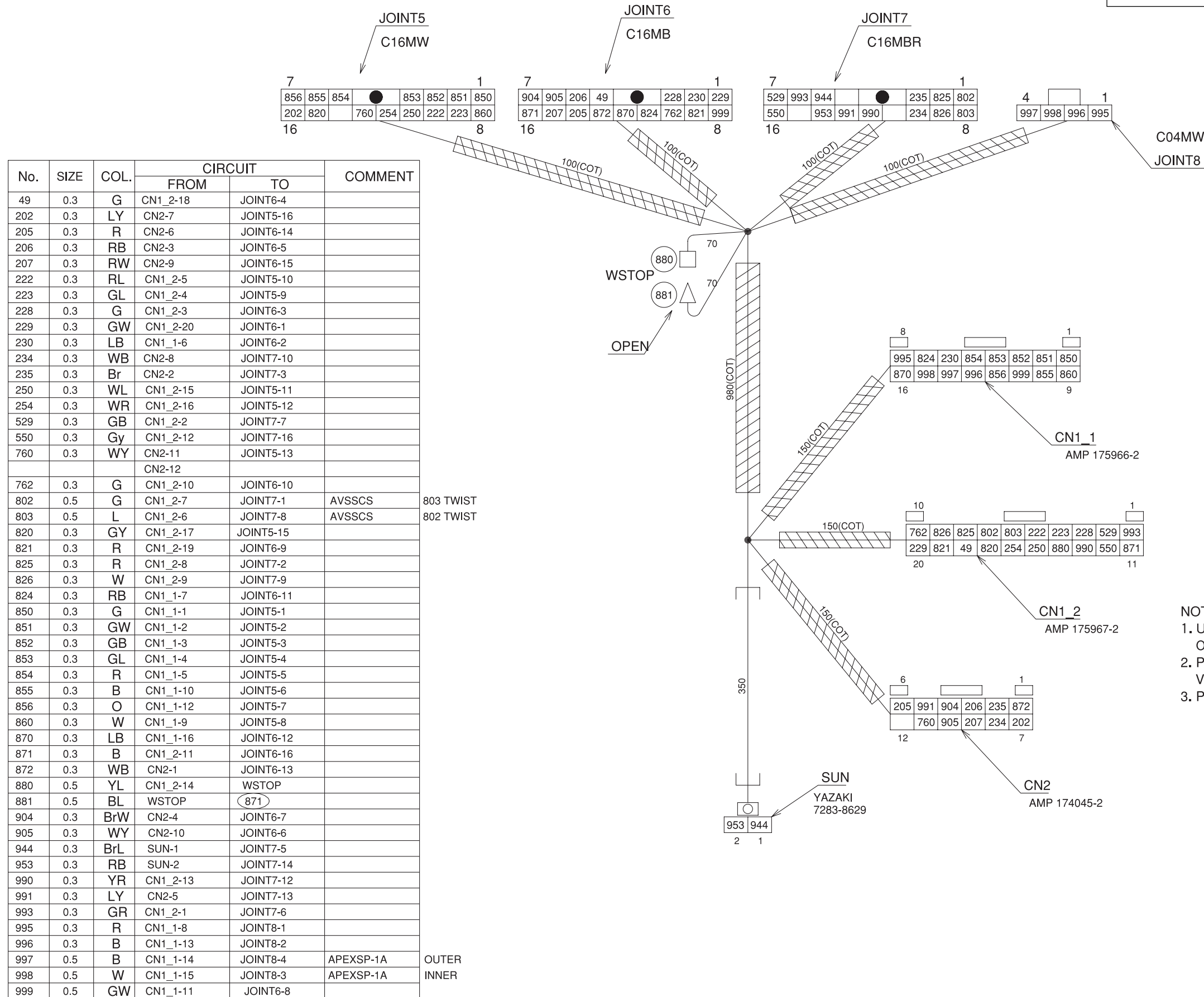
ZAXIS200-3 CLASS / 240-3 CLASS / 270-3 CLASS / 330-3 CLASS ENGINE HARNESS 2



Attach to Part No. : TT1V1-E-00

ZAXIS200-3 CLASS / 240-3 CLASS / 270-3 CLASS / 330-3 CLASS MONITOR UNIT HARNESS

CAUTION: Parts numbers on the drawing are provided only for reference purpose.
To order parts on the drawing, be sure to consult the Parts Catalog.



No.	SIZE	COL.	CIRCUIT		COMMENT
			FROM	TO	
49	0.3	G	CN1_2-18	JOINT6-4	
202	0.3	LY	CN2-7	JOINT5-16	
205	0.3	R	CN2-6	JOINT6-14	
206	0.3	RB	CN2-3	JOINT6-5	
207	0.3	RW	CN2-9	JOINT6-15	
222	0.3	RL	CN1_2-5	JOINT5-10	
223	0.3	GL	CN1_2-4	JOINT5-9	
228	0.3	G	CN1_2-3	JOINT6-3	
229	0.3	GW	CN1_2-20	JOINT6-1	
230	0.3	LB	CN1_1-6	JOINT6-2	
234	0.3	WB	CN2-8	JOINT7-10	
235	0.3	Br	CN2-2	JOINT7-3	
250	0.3	WL	CN1_2-15	JOINT5-11	
254	0.3	WR	CN1_2-16	JOINT5-12	
529	0.3	GB	CN1_2-2	JOINT7-7	
550	0.3	Gy	CN1_2-12	JOINT7-16	
760	0.3	WY	CN2-11	JOINT5-13	
			CN2-12		
762	0.3	G	CN1_2-10	JOINT6-10	
802	0.5	G	CN1_2-7	JOINT7-1	AVSSCS 803 TWIST
803	0.5	L	CN1_2-6	JOINT7-8	AVSSCS 802 TWIST
820	0.3	GY	CN1_2-17	JOINT5-15	
821	0.3	R	CN1_2-19	JOINT6-9	
825	0.3	R	CN1_2-8	JOINT7-2	
826	0.3	W	CN1_2-9	JOINT7-9	
824	0.3	RB	CN1_1-7	JOINT6-11	
850	0.3	G	CN1_1-1	JOINT5-1	
851	0.3	GW	CN1_1-2	JOINT5-2	
852	0.3	GB	CN1_1-3	JOINT5-3	
853	0.3	GL	CN1_1-4	JOINT5-4	
854	0.3	R	CN1_1-5	JOINT5-5	
855	0.3	B	CN1_1-10	JOINT5-6	
856	0.3	O	CN1_1-12	JOINT5-7	
860	0.3	W	CN1_1-9	JOINT5-8	
870	0.3	LB	CN1_1-16	JOINT6-12	
871	0.3	B	CN1_2-11	JOINT6-16	
872	0.3	WB	CN2-1	JOINT6-13	
880	0.5	YL	CN1_2-14	WSTOP	
881	0.5	BL	WSTOP	(871)	
904	0.3	BrW	CN2-4	JOINT6-7	
905	0.3	WY	CN2-10	JOINT6-6	
944	0.3	BrL	SUN-1	JOINT7-5	
953	0.3	RB	SUN-2	JOINT7-14	
990	0.3	YR	CN1_2-13	JOINT7-12	
991	0.3	LY	CN2-5	JOINT7-13	
993	0.3	GR	CN1_2-1	JOINT7-6	
995	0.3	R	CN1_1-8	JOINT8-1	
996	0.3	B	CN1_1-13	JOINT8-2	
997	0.5	B	CN1_1-14	JOINT8-4	APEXSP-1A OUTER
998	0.5	W	CN1_1-15	JOINT8-3	APEXSP-1A INNER
999	0.5	GW	CN1_1-11	JOINT6-8	

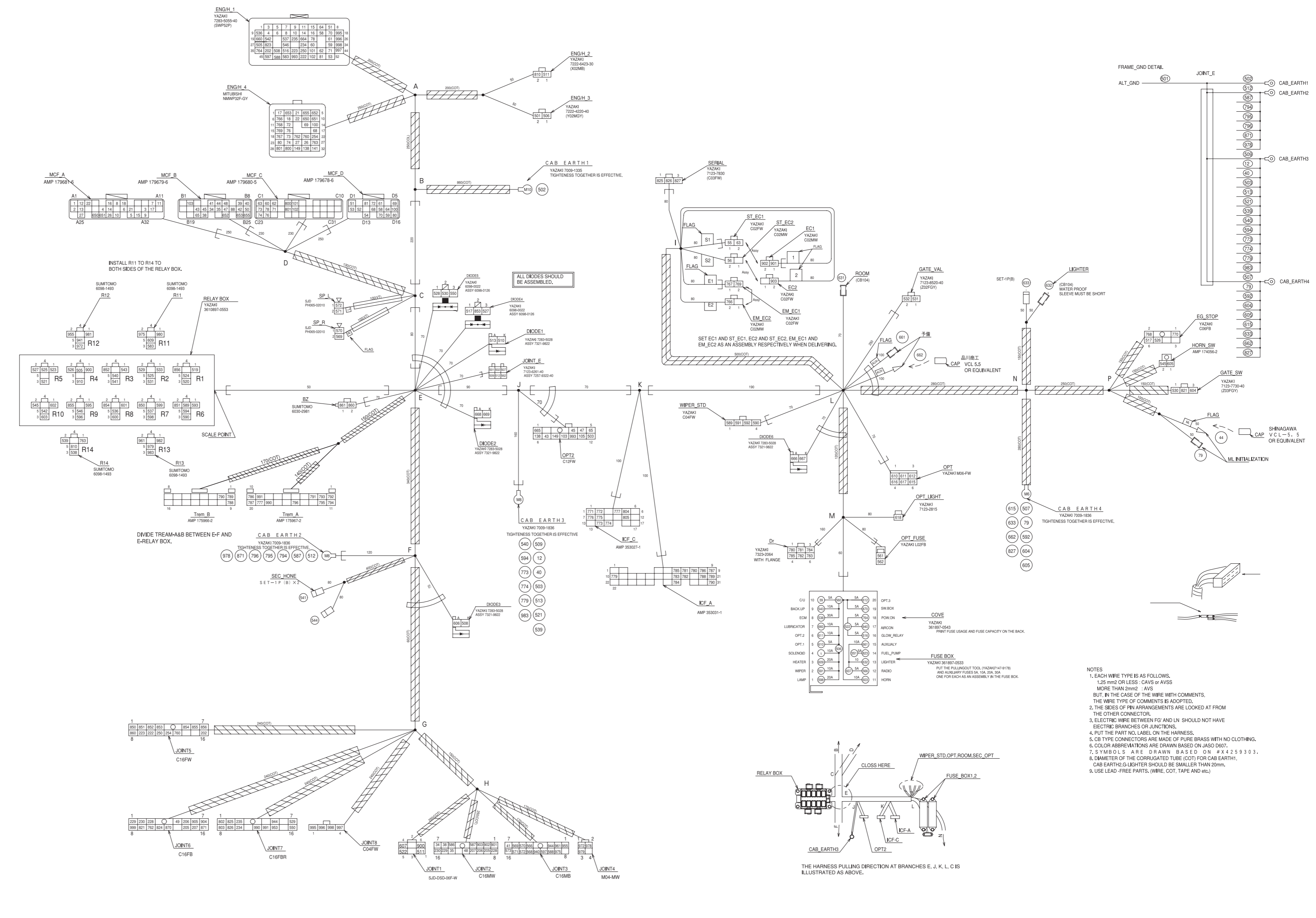
- NOTE
1. UNDER 1.25 WIRE MAY BE CAVS WIRE, IF NO COMMENT.
OVER 2 WIRE MAY BE AVS WIRE.
 2. PIN ARRANGEMENTS OF THIS DRAWING INDICATE VIEW POINTS FROM THE OTHER SIDE CONNECTORS.
 3. PUT THE PART NO. LABEL ON THE HARNESS.

ZAXIS200-3 CLASS / 240-3 CLASS / 270-3 CLASS / 330-3 CLASS CAB HARNESS

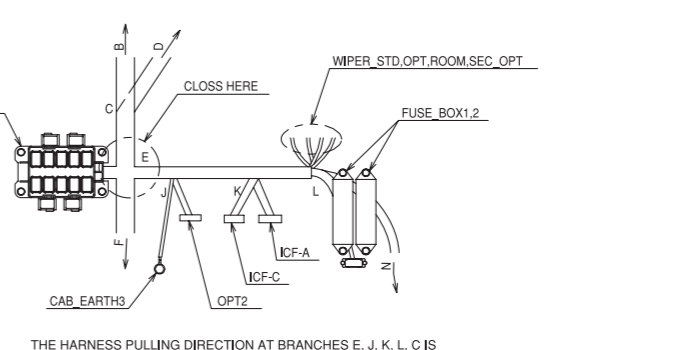
CAUTION: Parts numbers on the drawing are provided only for reference purpose. To order parts on the drawing, be sure to consult the Parts Catalog.

No.	SIZE	COL.	FROM	CIRCUIT	TO	COMMENT
1	1.25	R	MCF-A-1	FUSE-4		
2	1.25	R	MCF-A-12	(C1)		
3	0.5	LB	MCF-A-2	ENGM-1-1		
4	0.5	LR	MCF-A-16	ENGM-1-19		
5	0.5	BR	MCF-A-30	ENGM-1-2		
6	0.5	GW	MCF-A-10	ENGM-1-11		
7	0.5	RW	MCF-A-10	ENGM-1-3		
8	0.5	BW	MCF-A-6	ENGM-1-12		
9	0.5	W	MCF-A-32	ENGM-1-4		
10	0.5	G	MCF-A-29	ENGM-1-13		
11	0.5	Y	MCF-A-11	ENGM-1-5		
12	1.25	B	MCF-A-2	CAB EARTH3		
13	1.25	B	MCF-A-11	(C2)		
14	0.5	WG	MCF-A-17	ENGM-1-14		
15	0.5	L	MCF-A-31	ENGM-1-6		
16	0.5	R	MCF-A-5	ENGM-1-15		
17	0.5	R	MCF-A-23	ENGM-1-41		
18	0.5	YG	MCF-A-7	ENGM-1-47		
19	0.5	O	MCF-A-20	ENGM-1-43		
20	0.5	RG	MCF-A-3	ENGM-1-48		
21	0.5	WR	MCF-A-28	ENGM-1-28		
22	0.5	BR	MCF-A-25	ENGM-1-25		
23	0.5	BR	MCF-A-13	JOINT3-7		
24	0.5	BR	MCF-B-14	JOINT3-14		
25	0.5	G	MCF-B-2	JOINT3-6		
26	0.5	L	MCF-B-2	FUSE-10		
27	0.5	B	MCF-B-8	CAB EARTH3		
28	0.5	GB	MCF-B-10	JOINT3-7		
29	0.5	GB	MCF-B-11	JOINT3-7		
30	0.5	GB	MCF-B-12	JOINT3-7		
31	0.5	GB	MCF-B-13	JOINT3-7		
32	0.5	GB	MCF-B-14	JOINT3-7		
33	0.5	GB	MCF-B-15	JOINT3-7		
34	0.5	GB	MCF-B-16	JOINT3-7		
35	0.5	GB	MCF-B-17	JOINT3-7		
36	0.5	GB	MCF-B-18	JOINT3-7		
37	0.5	GB	MCF-B-19	JOINT3-7		
38	0.5	GB	MCF-B-20	JOINT3-7		
39	0.5	GB	MCF-B-21	JOINT3-7		
40	0.5	GB	MCF-B-22	JOINT3-7		
41	0.5	GB	MCF-B-23	JOINT3-7		
42	0.5	GB	MCF-B-24	JOINT3-7		
43	0.5	GB	MCF-B-25	JOINT3-7		
44	0.5	GB	MCF-B-26	JOINT3-7		
45	0.5	GB	MCF-B-27	JOINT3-7		
46	0.5	GB	MCF-B-28	JOINT3-7		
47	0.5	GB	MCF-B-29	JOINT3-7		
48	0.5	GB	MCF-B-30	JOINT3-7		
49	0.5	GB	MCF-B-31	JOINT3-7		
50	0.5	GB	MCF-B-32	JOINT3-7		
51	0.5	GB	MCF-B-33	JOINT3-7		
52	0.5	GB	MCF-B-34	JOINT3-7		
53	0.5	GB	MCF-B-35	JOINT3-7		
54	0.5	GB	MCF-B-36	JOINT3-7		
55	0.5	GB	MCF-B-37	JOINT3-7		
56	0.5	GB	MCF-B-38	JOINT3-7		
57	0.5	GB	MCF-B-39	JOINT3-7		
58	0.5	GB	MCF-B-40	JOINT3-7		
59	0.5	GB	MCF-B-41	JOINT3-7		
60	0.5	GB	MCF-B-42	JOINT3-7		
61	0.5	GB	MCF-B-43	JOINT3-7		
62	0.5	GB	MCF-B-44	JOINT3-7		
63	0.5	GB	MCF-B-45	JOINT3-7		
64	0.5	GB	MCF-B-46	JOINT3-7		
65	0.5	GB	MCF-B-47	JOINT3-7		
66	0.5	GB	MCF-B-48	JOINT3-7		
67	0.5	GB	MCF-B-49	JOINT3-7		
68	0.5	GB	MCF-B-50	JOINT3-7		
69	0.5	GB	MCF-B-51	JOINT3-7		
70	0.5	GB	MCF-B-52	JOINT3-7		
71	0.5	GB	MCF-B-53	JOINT3-7		
72	0.5	GB	MCF-B-54	JOINT3-7		
73	0.5	GB	MCF-B-55	JOINT3-7		
74	0.5	GB	MCF-B-56	JOINT3-7		
75	0.5	GB	MCF-B-57	JOINT3-7		
76	0.5	GB	MCF-B-58	JOINT3-7		
77	0.5	GB	MCF-B-59	JOINT3-7		
78	0.5	GB	MCF-B-60	JOINT3-7		
79	0.5	GB	MCF-B-61	JOINT3-7		
80	0.5	GB	MCF-B-62	JOINT3-7		
81	0.5	GB	MCF-B-63	JOINT3-7		
82	0.5	GB	MCF-B-64	JOINT3-7		
83	0.5	GB	MCF-B-65	JOINT3-7		
84	0.5	GB	MCF-B-66	JOINT3-7		
85	0.5	GB	MCF-B-67	JOINT3-7		
86	0.5	GB	MCF-B-68	JOINT3-7		
87	0.5	GB	MCF-B-69	JOINT3-7		
88	0.5	GB	MCF-B-70	JOINT3-7		
89	0.5	GB	MCF-B-71	JOINT3-7		
90	0.5	GB	MCF-B-72	JOINT3-7		
91	0.5	GB	MCF-B-73	JOINT3-7		
92	0.5	GB	MCF-B-74	JOINT3-7		
93	0.5	GB	MCF-B-75	JOINT3-7		
94	0.5	GB	MCF-B-76	JOINT3-7		
95	0.5	GB	MCF-B-77	JOINT3-7		
96	0.5	GB	MCF-B-78	JOINT3-7		
97	0.5	GB	MCF-B-79	JOINT3-7		
98	0.5	GB	MCF-B-80	JOINT3-7		
99	0.5	GB	MCF-B-81	JOINT3-7		
100	0.5	GB	MCF-B-82	JOINT3-7		

No.	SIZE	COL.	FROM	CIRCUIT	TO	COMMENT
588	0.5	R	JOINT2-5	(S27)		
589	0.5	B	JOINT2-4	CAB EARTH3		
590	0.5	BY	ENGM-1-48	JOINT3-10		
591	0.85	B	WIPER STD-1	RE-4		
592	0.85	BY	WIPER STD-4	RE-1		
593	0.85	BR	WIPER STD-2	FUSE-2		
594	0.85	B	WIPER STD-3	CAB EARTH4		
595	0.5	BR	RE-5	CAB EARTH3		
596	0.5	BR	RE-1	(S28)		
597	0.3	BR	ENGM-1-45	JOINT3-11		
598	0.5	G	RE-3	FUSE-3		
599	1.25	G	RE-1	(S29)		
600	3	G	RE-3	(S28)		
601	1.25	G	RE-1	(S29)		
602	0.5	W	R10-1	(S30)		
603	0.5	W	R10-2	FUSE-11		
604	0.5	B	GATE SW-3	CAB EARTH4		
605	0.5	B	HORN_SW	CAB EARTH4		
606	2	LW	D24	(S25)		
607	3	W	JOINT2-4	FUSE-10		
608	2	RB	R11-5	FUSE-2		
609	1.25	WY	OPT-1	FUSE-5		
610	1.25	R	OPT-2	FUSE-6		
611	1.25	R	OPT-3	FUSE-20		
612	1.25	R	OPT-4	(S27)		
613	1.25	R	OPT-5	(S28)		
614	1.25	R	OPT-6	(S29)		
615	0.5	YR	OPT-7	ROOM		
616	0.5	YR	OPT-8	ROOM		
617	1.25	YR	OPT-9	ROOM		
618	1.25	YR	OPT-10	ROOM		
619	0.5	YR	OPT-11	ROOM		
620	0.5	YR	OPT-12	ROOM		
621	0.5	YR	OPT-13	ROOM		
622	0.5	YR	OPT-14	ROOM		
623	0.5	YR	OPT-15	ROOM		
624	0.5	YR	OPT-16	ROOM		
625	0.5	YR	OPT-17	ROOM		
626	0.5	YR	OPT-18	ROOM		
627	0.5	YR	OPT-19	ROOM		
628	0.5	YR	OPT-20	ROOM		
629	0.5	YR	OPT-21	ROOM		
630	0.5	YR	OPT-22	ROOM		
631	0.5	YR	OPT-23	ROOM		
632	0.5	YR	OPT-24	ROOM		
633	1.25	B	LITER-1	CAB EARTH4		
634	0.5	LW	MCF-A-28	ENGM-1-48		
635	0.5	YB	MCF-A-27	ENGM-1-45		
636	1.25	O	ENGM-1-19	FUSE-2		
637	0.85	G	ENGM-1-42	(S24)		
638	0.85	B	ALX	CAB EARTH4		
639	1.25	WY	ENGM-1-23	(S12)		
640	0.85	B	(S25)	Dk-A		
641	0.85	B	(S26)	Dk-R		
642	0.85	B	(S27)	Dk-L		
643	0.85	B	(S28)	Dk-R		
644	0.85	B	(S29)	Dk-L		
645	0.85	B	(S30)	Dk-R		
646	0.85	B	(S31)	Dk-L		
647	0.85	B	(S32)	Dk-R		
648	0.85	B	(S33)	Dk-L		
649	0.85	B	(S34)	Dk-R		
650	0.85	B	(S35)	Dk-L		
651	0.85	B	(S36)	Dk-R		
652	0.85	B	(S37)	Dk-L		
653	0.85	B	(S38)	Dk-R		
654	0.85	B	(S39)	Dk-L		
655	0.85	B	(S40)	Dk-R		
656	0.85	B	(S41)	Dk-L		
657	0.85	B	(S42)	Dk-R		
658	0.85	B	(S43)	Dk-L		
659	0.85	B	(S44)	Dk-R		
660	0.85	B	(S45)	Dk-L		
661	0.85	B	(S46)	Dk-R		
662	0.85	B	(S47)	Dk-L		
663	0.85	B	(S48)	Dk-R		
664	0.85	B	(S49)	Dk-L		
665	0.85	B	(S50)	Dk-R		
666	0.85	B	(S51)	Dk-L		
667	0.85	B	(S52)	Dk-R		
668	0.85	B	(S53)	Dk-L		
669	0.85	B	(S54)	Dk-R		
670	0.85	B	(S55)	Dk-L		
671	0.85	B	(S56)	Dk-R		
672	0.85	B	(S57)	Dk-L		
673	0.85	B	(S58)	Dk-R		
674	0.85	B	(S59)	Dk-L		
675	0.85	B	(S60)	Dk-R		
676	0.85	B	(S61)	Dk-L		
677	0.85	B	(S62)	Dk-R		
678	0.85	B	(S63)	Dk-L		
679	0.85	B	(S64)	Dk-R		
680	0.85	B	(S65)	Dk-L		
681	0.85	B	(S66)	Dk-R		
682	0.85	B	(S67)	Dk-L		
683	0.85	B	(S68)	Dk-R		
684	0.85	B	(S69)	Dk-L		
685	0.85	B	(S70)	Dk-R		
686	0.85	B	(S71)	Dk-L		
687	0.85	B	(S72)	Dk-R		
688	0.85	B	(S73)	Dk-L		
689	0.85	B	(S74)	Dk-R		
690	0.85	B	(S75)	Dk-L		
691	0.85	B	(S76)	Dk-R		
692	0.85	B	(S77)	Dk-L		
693	0.85	B	(S78)	Dk-R		
694	0.85	B	(S79)	Dk-L		
695	0.85	B	(S80)	Dk-R		
696	0.85	B	(S81)	Dk-L		
697	0.85	B	(S82)	Dk-R		
698	0.85	B	(S83)	Dk-L		
699	0.85	B	(S84)	Dk-R		
700	0.85	B	(S85)	Dk-L		

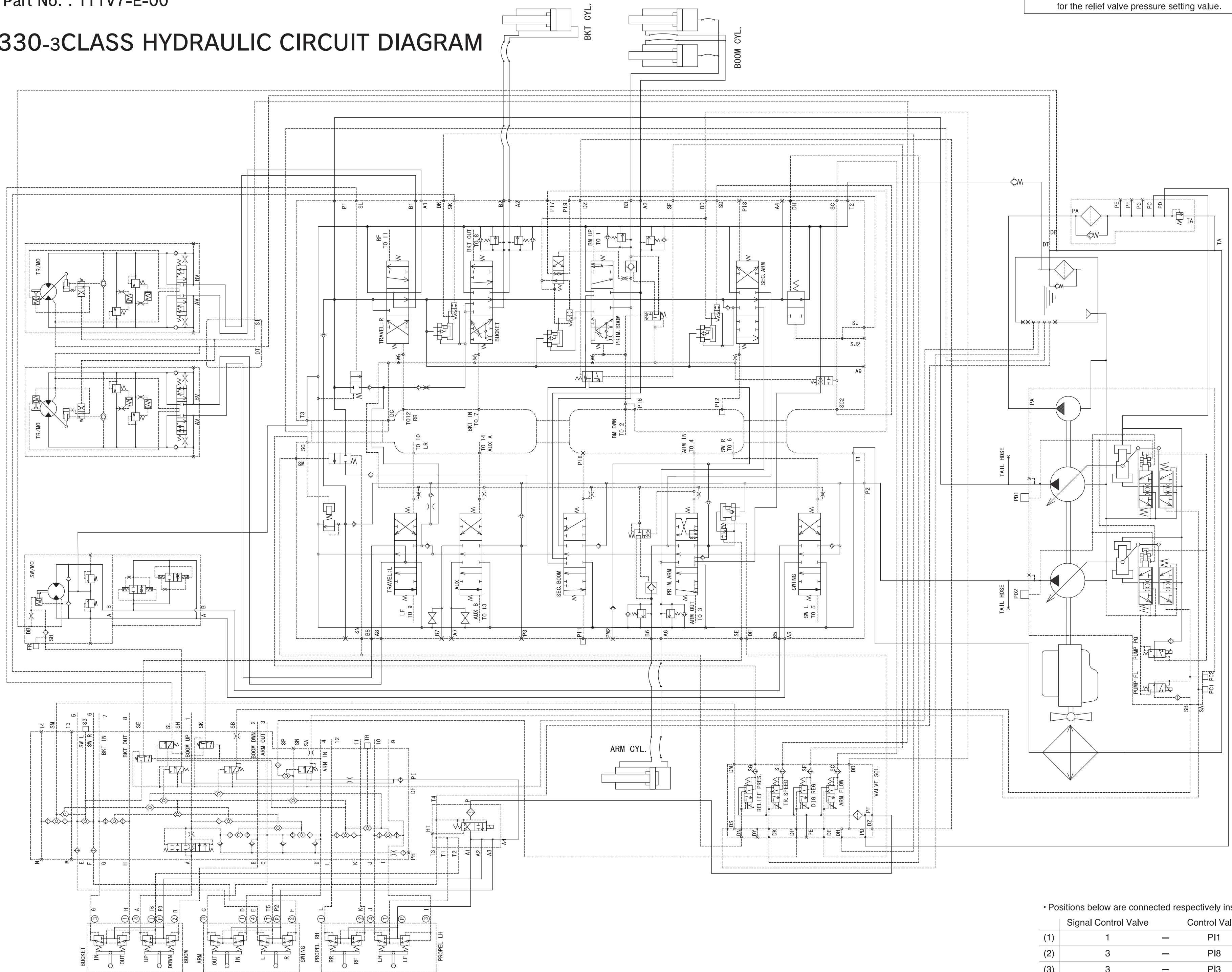


- NOTES**
- EACH WIRE TYPE IS AS FOLLOWS:
1.25 (mm) OR LESS : CAVS or AVSS
MORE THAN 2mm : AVS
BUT, IN THE CASE OF THE WIRE WITH COMMENTS,
THE WIRE TYPE OF COMMENTS IS ADOPTED.
 - THE SIZES OF FIN ARRANGEMENTS ARE LOOKED AT FROM THE OTHER CONNECTOR.
 - ELECTRIC WIRE BETWEEN FC AND LN SHOULD NOT HAVE ELECTRIC BRANCHES OR JUNCTIONS.
 - PUT THE PART NO. LABEL ON THE HARNESS.
 - CS TYPE CONNECTORS ARE MADE OF PURE BRASS WITH NO CLOTHING.
 - COLOR ABBREVIATIONS ARE DRAWN BASED ON JASO D6007.
 - S, Y, M, B, O, L, S, A, R, E, D, R, A, W, N, B, A, S, E, D, O, N, #, 4, 2, 5, 9, 3, 0, 3.
 - DIAMETER OF THE CORRUGATED TUBE (COT) FOR CAB EARTH, CAB EARTH3 & LIGHTER SHOULD BE SMALLER THAN 20mm.
 - USE LEAD-FREE PARTS, WIRE, COT, TAPE AND etc.



NOTE: Refer to the PERFORMANCE STANDARD in the technical manual for the relief valve pressure setting value.

ZAXIS330-3CLASS HYDRAULIC CIRCUIT DIAGRAM



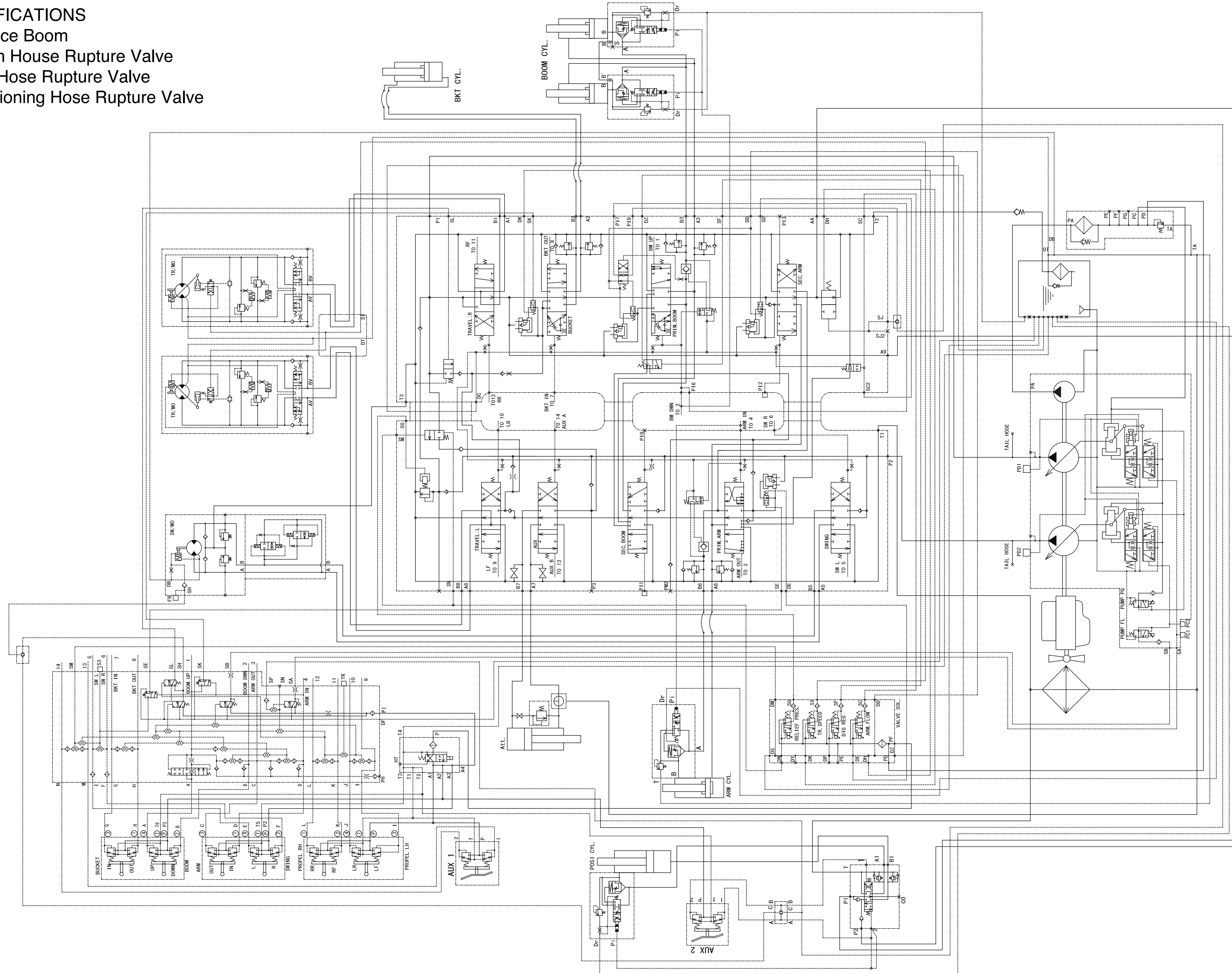
• Positions below are connected respectively inside.

	Signal Control Valve	Control Valve
(1)	1	— P11
(2)	3	— P18
(3)	3	— P13
(4)	4	— P12

ZAXIS330-3CLASS HYDRAULIC CIRCUIT DIAGRAM

SPECIFICATIONS

- 2-Piece Boom
- Boom House Rupture Valve
- Arm Hose Rupture Valve
- Positioning Hose Rupture Valve



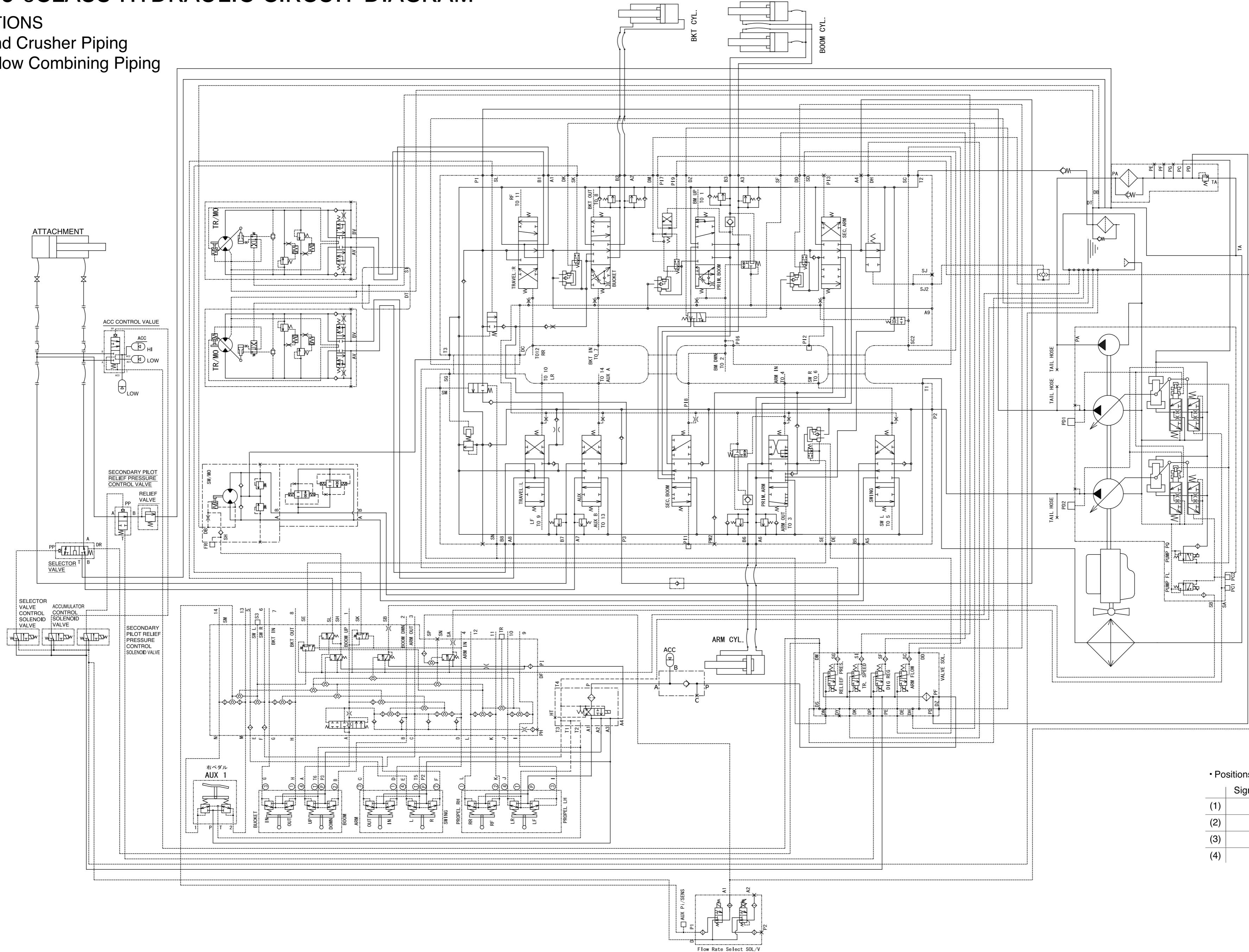
• Positions below are connected respectively inside.

	Signal Control Valve	Control Valve
(1)	1	P11
(2)	3	P18
(3)	3	P13
(4)	4	P12

ZAXIS330-3CLASS HYDRAULIC CIRCUIT DIAGRAM

SPECIFICATIONS

- Breaker and Crusher Piping
- 2-Speed Flow Combining Piping



• Positions below are connected respectively inside.

	Signal Control Valve	Control Valve
(1)	1	P11
(2)	3	P18
(3)	3	P13
(4)	4	P12