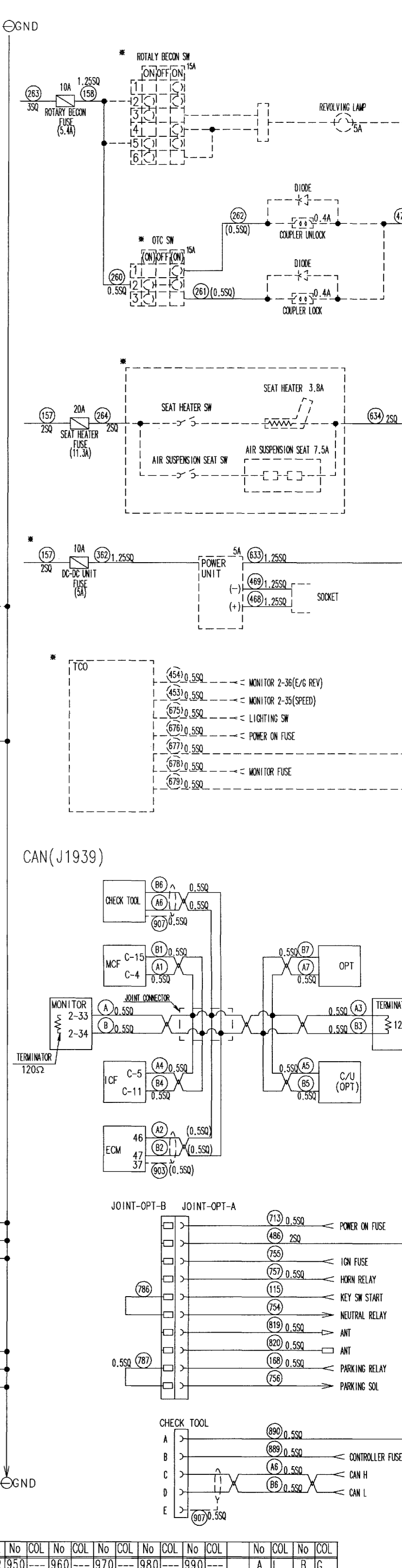
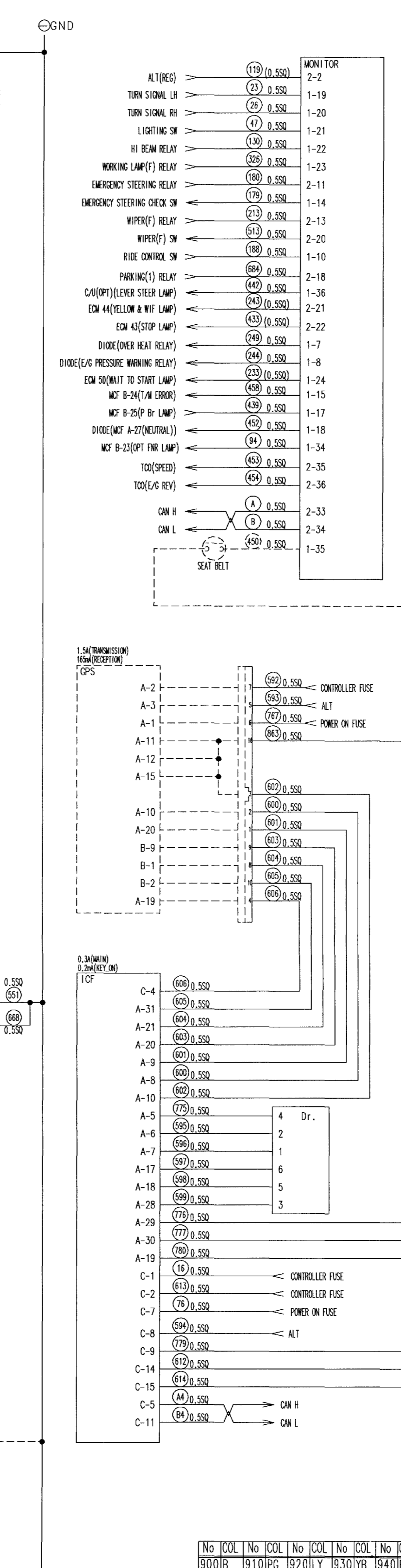
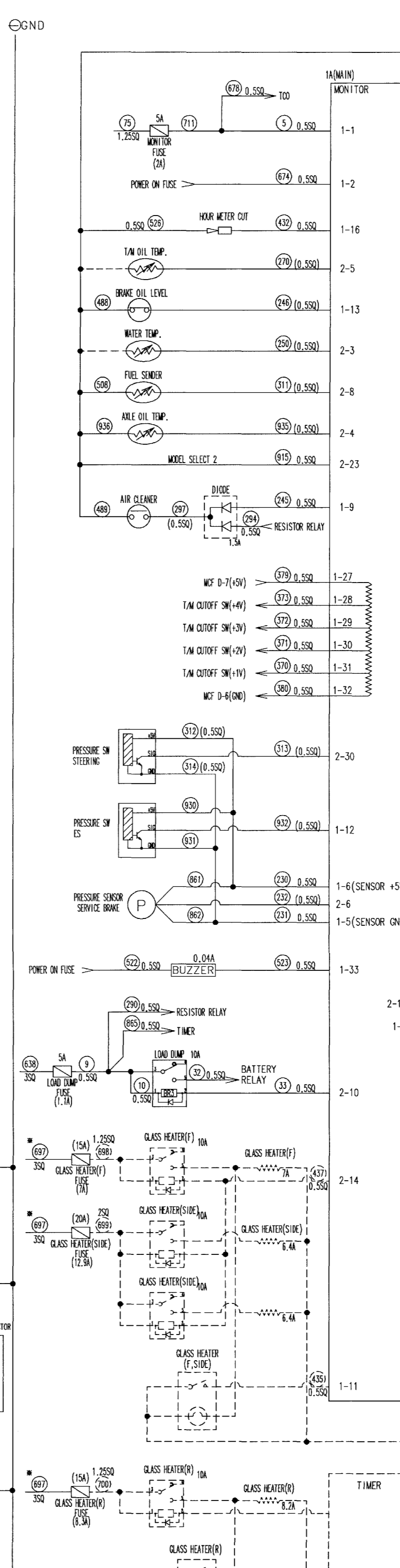
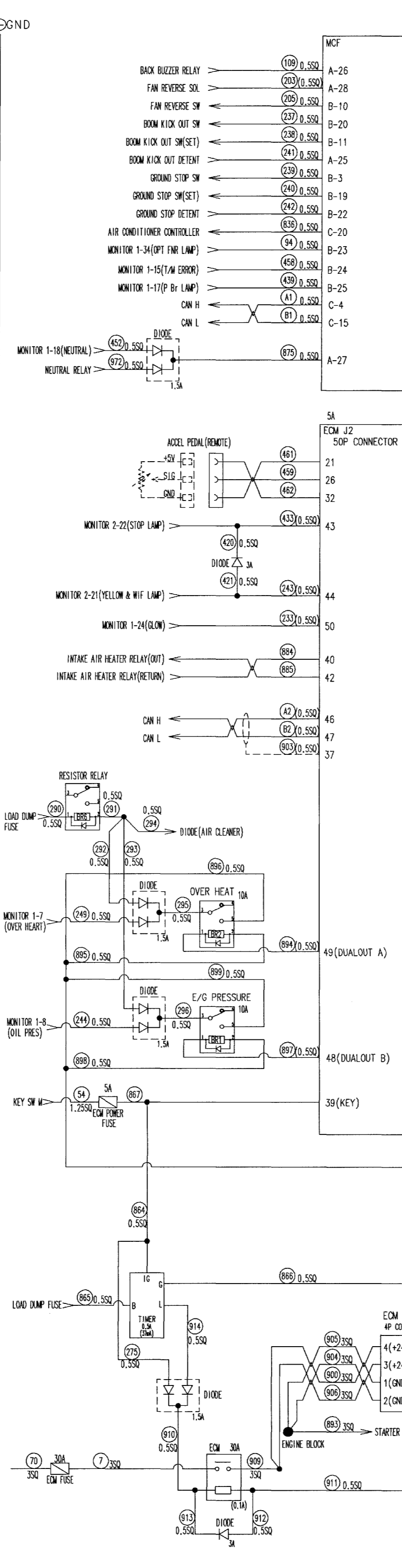
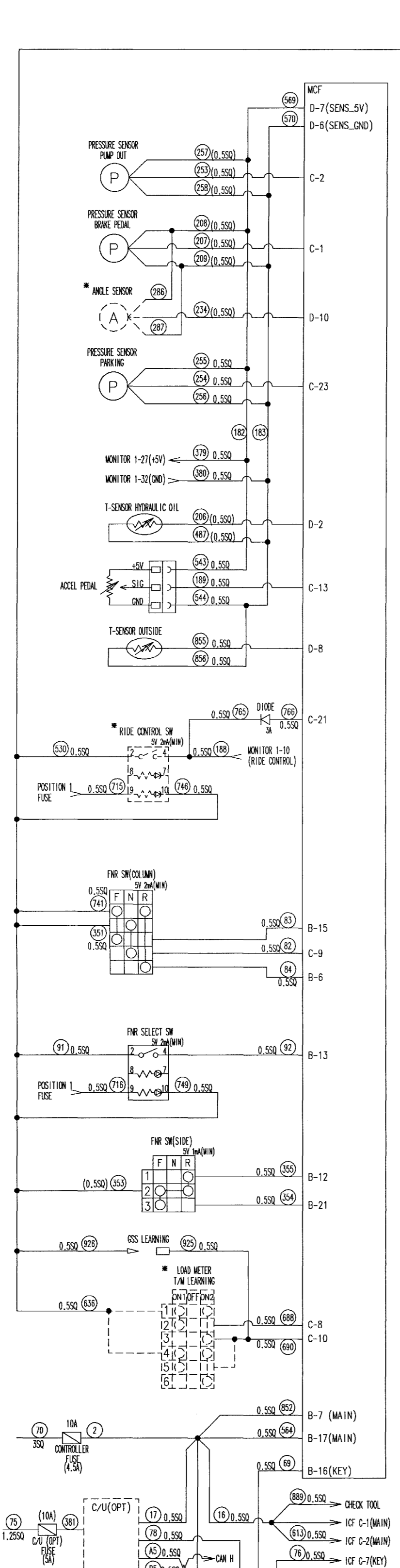
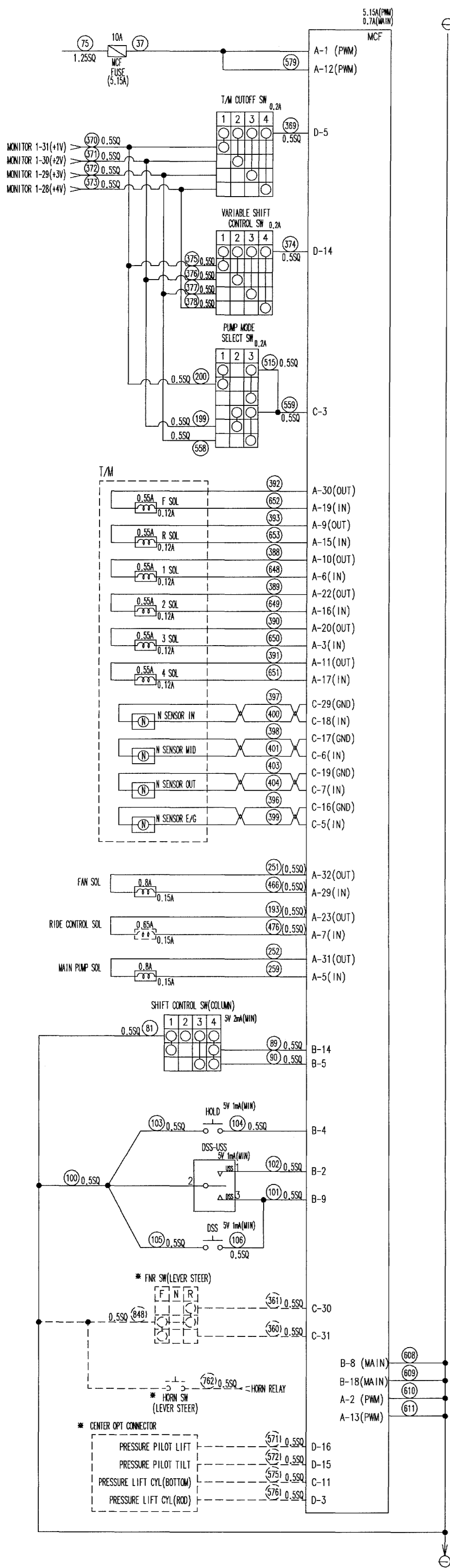




ZW180 ELECTRIC CIRCUIT DIAGRAM2



No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	
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504	514	524	534	544	554	564	574	584	594	515	525	535	545	555	565	575	585	595	516	526	536	546	556	566	576	586	596	517	527	537	547	557	567	577	587	597
508	518	528	538	548	558	568	578	588	598	519	529	539	549	559	569	579	589	599	510	520	530	540	550	560	570	580	590	511	521	531	541	551	561	571	581	591

No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL	No	COL
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890	900	910	920	930	940	950	960	970	980	990	1000	1010	1020	1030	1040	1050	1060	1070	1080	1090	1100	1110	1120	1130	1140	1150	1160	1170	1180	1190	1200	1210	1220	1230	1240	1250	1260		
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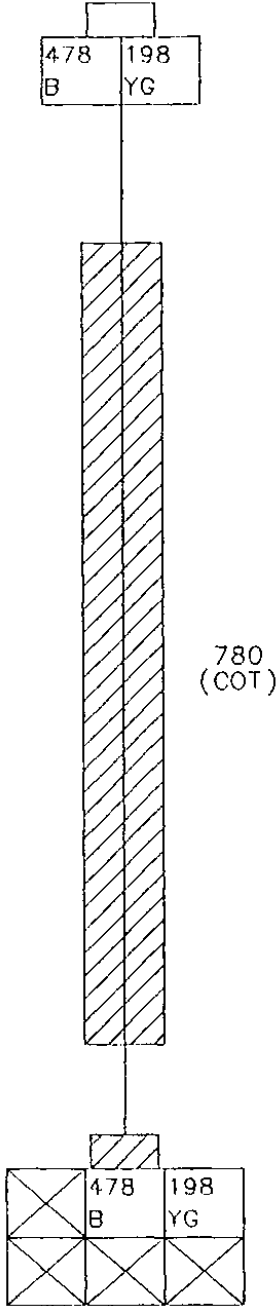
# ZW180 LIFT ARM PROXIMITY SWITCH HARNESS

No.	SIZE	COLOR	TYPE	FROM	TO
198	0.75	Y-G	AVSS	FRAME	BOOM KICK OUT
478	0.75	B	AVSS	BOOM KICK OUT	FRAME

NOTES)

- SOLDER OR CRIMP TERMINAL.
- TENSILE STRENGTH ; MORE THAN 10 Kg.
- COVER HATCHING PART IN THE CORRUGATED TUBE.
- COVER SOURCE LINE IN THE SPIRAL WITH THE VINYL TAPE.
- BASICALLY,THE SIZE SHOWS LENGTH FROM THE POINT OF TERMINAL TO ANOTHER POINT OF TERMINAL.
- ARRANGEMENT OF TERMINAL SHOWS VIEW FROM THE OTHER COUPLER.
- WHEN THE CONNECTOR LOCK PART IS BLANK, THE TERMINAL IS FEMALE.
- AND,WHEN THE CONNECTOR LOCK PART IS SLASH, THE TERMINAL IS MALE.
- PUT THE STOPPER IN EMPTY TERMINAL OF THE WATERPROOF CONNECTOR.
- AVS CAN BE USED INSTEAD OF AVSS.
- 0.85sq CAN BE USED INSTEAD OF 0.75sq.
- SOLDER AND THE CABLE MUST USE LEAD FREE.

BOOM KICK OUT  
YAZAKI)7123-1424-40



FRAME  
YAZAKI)7222-7760-40

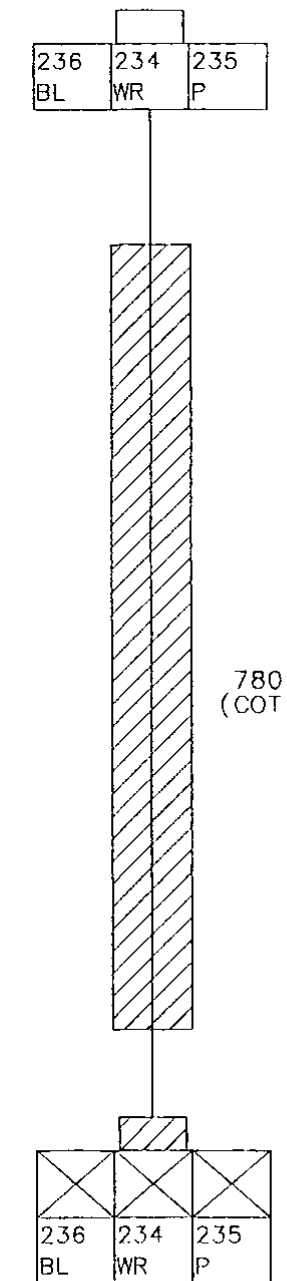
# ZW180 LIFT ARM ANGLE SENSOR HARNESS (OPTIONAL)

No.	SIZE	COLOR	TYPE	FROM	TO
234	0.75	W-R	AVSS	ANGLE SENSOR(SIG)	FRAME
235	0.75	P	AVSS	FRAME	ANGLE SENSOR(+5V)
236	0.75	B-L	AVSS	ANGLE SENSOR(GND)	FRAME

NOTES)

- SOLDER OR CRIMP TERMINAL.
- TENSILE STRENGTH ; MORE THAN 10 Kg.
- COVER HATCHING PART IN THE CORRUGATED TUBE.
- COVER SOURCE LINE IN THE SPIRAL WITH THE VINYL TAPE.
- BASICALLY,THE SIZE SHOWS LENGTH FROM THE POINT OF TERMINAL TO ANOTHER POINT OF TERMINAL.
- ARRANGEMENT OF TERMINAL SHOWS VIEW FROM THE OTHER COUPLER.
- WHEN THE CONNECTOR LOCK PART IS BLANK, THE TERMINAL IS FEMALE.
- AND,WHEN THE CONNECTOR LOCK PART IS SLASH, THE TERMINAL IS MALE.
- PUT THE STOPPER IN EMPTY TERMINAL OF THE WATERPROOF CONNECTOR.
- AVS CAN BE USED INSTEAD OF AVSS.
- 0.85sq CAN BE USED INSTEAD OF 0.75sq.
- SOLDER AND THE CABLE MUST USE LEAD FREE.

ANGLE SENSOR  
YAZAKI ) 7123-7730-40

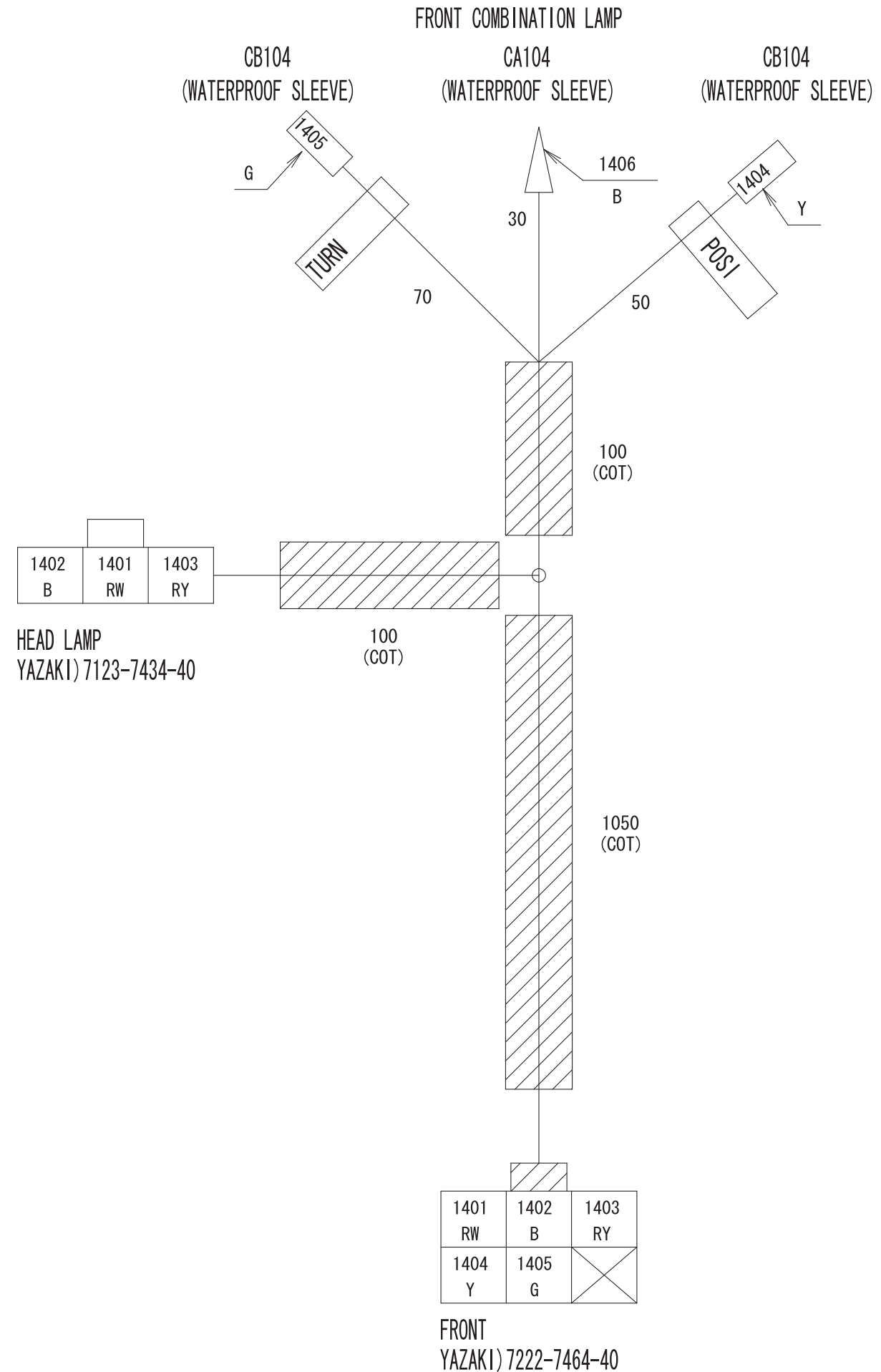


FRAME  
YAZAKI ) 7222-7760-40



# ZW180 FRONT LIGHT HARNESS

No.	SIZE	COLOR	TYPE	FROM	TO
1401	0.75	R-W	AVSS	FRONT	HEAD LAMP (HI)
1402	1.25	B	AVSS	HEAD LAMP (GND)	FRONT
1403	0.75	R-Y	AVSS	FRONT	HEAD LAMP (LO)
1404	0.75	Y	AVSS	FRONT	F_COMBINATION (POS1)
1405	0.75	G	AVSS	FRONT	F_COMBINATION (TURN)
1406	0.75	B	AVSS	F_COMBINATION (EARTH)	1402 (GND)



NOTES)

- COVER ALL CA OR CB-TERMINAL WITH WATERPROOF SLEEVE.
- COVER ALL CA OR CB-TERMINAL WITH TIN.
- SOLDER OR CRIMP TERMINAL.
- TENSILE STRENGTH ; MORE THAN 10 Kg.
- COVER HATCHING PART IN THE CORRUGATED TUBE.
- COVER SOURCE LINE IN THE SPIRAL WITH THE VINYL TAPE.
- BASICALLY, THE SIZE SHOWS LENGTH FROM THE POINT OF TERMINAL TO THE CENTER OF DIVERGENCE POSITION.
- JOIN WIRES 50mm OR MORE FROM THE DIVERGENCE AND JOINT POSITION.
- WHEN IT IS IMPOSSIBLE, JOIN WIRE 30mm OR MORE FORM JOINT POSITION.
- DO AN ELECTRIC DIVERGENCE ONLY IN SECTION ★.
- DO THE WATERPROOF TO THE JOINT PART.
- ARRANGEMENT OF TERMINAL SHOWS VIEW FROM THE OTHER COUPLER.
- WHEN THE CONNECTOR LOCK PART IS BLANK, THE TERMINAL IS FEMALE.
- AND, WHEN THE CONNECTOR LOCK PART IS SLASH, THE TERMINAL IS MALE.
- PUT THE STOPPER IN EMPTY TERMINAL OF THE WATERPROOF CONNECTOR.
- AVS CAN BE USED INSTEAD OF AVSS WHEN NOT SPECIALLY DIRECTING.
- 0.85sq CAN BE USED INSTEAD OF 0.75sq WHEN NOT SPECIALLY DIRECTING.
- THE FIGURE IN 'FROM/TO' COLUMN IS NUMBER OF CONNECTED LINE.
- SOLDER AND THE CABLE MUST USE LEAD FREE.

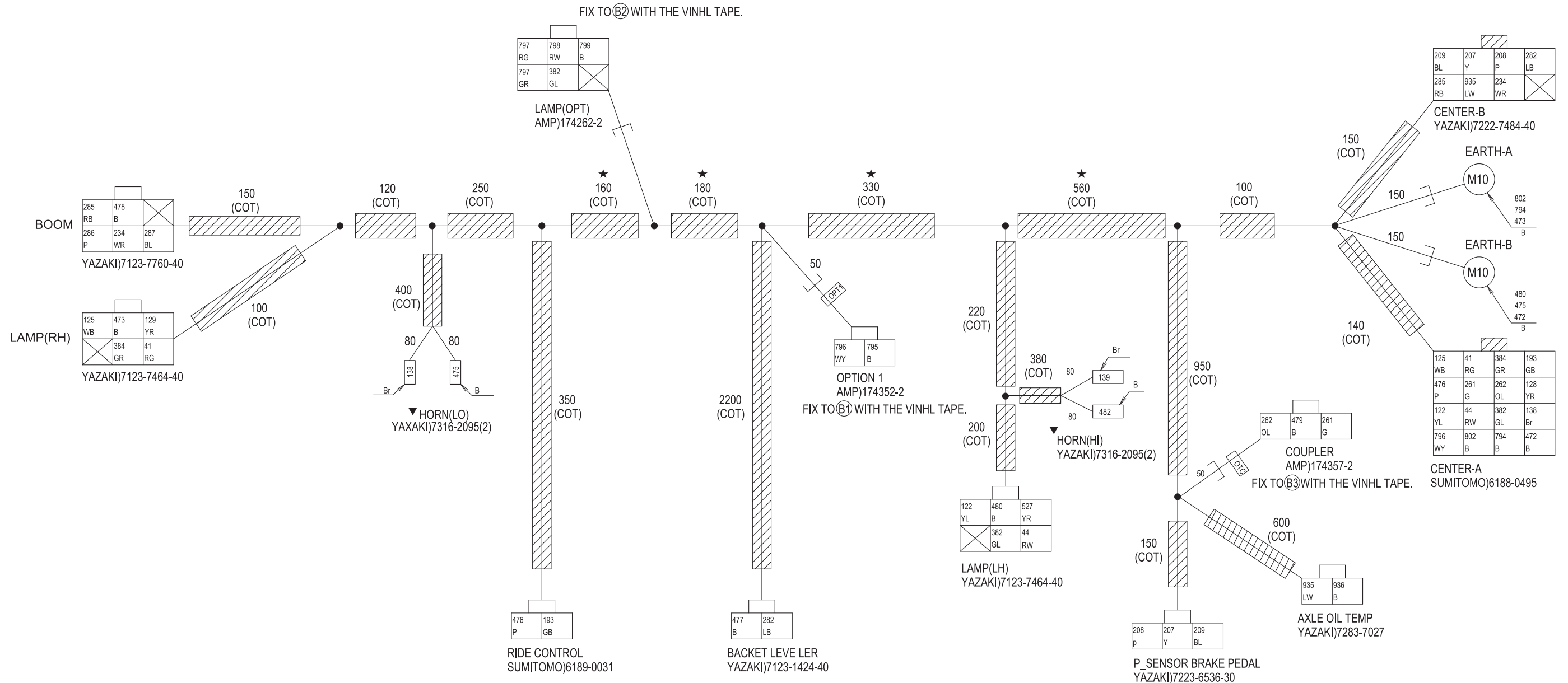
# ZW180 FRONT HARNESS

No.	SIZE 線径	COLOR 線色	TYPE 線種	FROM 起点	TO 終点
41	0.75	R-G	AVSS	CENTER-A	LAMP(RH)(POSI)
44	0.75	R-W	AVSS	CENTER-A	LAMP(LH)(POSI)
122	0.75	Y-L	AVSS	CENTER-A	LAMP(LH)(LO)
125	0.75	W-B	AVSS	CENTER-A	LAMP(RH)(LO)
128	1.25	Y-R	AVSS	CENTER-A	129.527
129	0.75	Y-R	AVSS	128	LAMP(RH)(HI)
138	1.25	Br	AVSS	CENTER-A	HORN(LO)
139	0.75	Br	AVSS	138	HORN(HI)
193	0.75	G-B	AVSS	CENTER-A	RIDE CONTROL
197	1.25	L	AVSf	CENTER-B	BACKET AUTO LEVELER
198	0.75	Y-G	AVSS	CENTER-B	LIFT ARM(BKO)
207	0.75	Y	AVSS	P_SENSOR PEDAL(SIG)	CENTER-B
208	0.75	Br-B	AVSS	CENTER-B	P_SENSOR PEDAL(+)
209	0.75	B-R	AVSS	P_SENSOR PEDAL(GND)	CENTER-B
234	0.75	W-R	AVSS	LIFT ARM(SENSOR SIG)	CENTER-B
235	0.75	P	AVSS	CENTER-B	LIFT ARM(SENSOR +5V)
236	0.75	B-L	AVSS	LIFT ARM(SENSOR GND)	CENTER-B
261	0.75	G	AVSS	CENTER-A	COUPLER(PUSH)
262	0.75	O-L	AVSS	CENTER-A	COUPLER(PULL)
382	0.75	G-L	AVSS	CENTER-A	LAMP(LH)(TURN)
384	0.75	G-R	AVSS	CENTER-A	LAMP(RH)(TURN)
472	1.25	B	AVSS	EARTH-B	CENTER-A

No.	SIZE 線径	COLOR 線色	TYPE 線種	FROM 起点	TO 終点
473	1.25	B	AVSS	LAMP(RH)	EARTH-A
475	1.25	B	AVSS	HORN(LO)	EARTH-B
476	0.75	P	AVSS	RIDE CONTROL	CENTER-A
477	1.25	B	AVSf	BACKET AUTO LEVELER	473
478	0.75	B	AVSS	LIFT ARM(BKO)	473
479	0.75	B	AVSS	COUPLER	473
480	1.25	B	AVSS	LAMP(LH)	EARTH-B
482	0.75	B	AVSS	HORN(HI)	475
527	0.75	Y-R	AVSS	128	LAMP(LH)(HI)
794	1.25	B	AVSS	EARTH-A	CENTER-A
795	1.25	B	AVSS	AUTO GREASE	475
796	1.25	W-Y	AVSS	CENTER-A	AUTO GREASE
797	0.75	R-G	AVSS	41	LAMP(OPT)(POSI RH)
798	0.75	R-W	AVSS	44	LAMP(OPT)(POSI LH)
799	0.75	B	AVSS	LAMP(OPT)	480
800	0.75	G-R	AVSS	384	LAMP(OPT)(TURN RH)
801	0.75	G-L	AVSS	382	LAMP(OPT)(TURN LH)
802	1.25	B	AVSS	EARTH-A	CENTER-A
935	0.75	L-W	AVSS	CENTER-B	AXLE OIL TEMP
936	0.75	B	AVSS	AXLE OIL TEMP	473(GND)

NOTES)

SOLDER OR CRIMP TERMINAL.  
 TENSILE STRENGTH ; MORE THAN 10 Kg.  
 COVER HATCHING PART IN THE CORRUGATED TUBE.  
 COVER SOURCE LINE IN THE SPIRAL WITH THE VINYL TAPE.  
 BASICALLY, THE SIZE SHOWS LENGTH FROM THE POINT OF TERMINAL  
 TO THE CENTER OF DIVERGENCE POSITION.  
 JOIN WIRES 50mm OR MORE FROM THE DIVERGENCE AND JOINT POSITION.  
 WHEN IT IS IMPOSSIBLE, JOIN WIRE 30mm OR MORE FORM JOINT POSITION.  
 DO AN ELECTRIC DIVERGENCE ONLY IN SECTION ★.  
 DO THE WATERPROOF TO THE JOINT PART.  
 ARRANGEMENT OF TERMINAL SHOWS VIEW FROM THE OTHER COUPLER.  
 WHEN THE CONNECTOR LOCK PART IS BLANK, THE TERMINAL IS FEMALE.  
 AND, WHEN THE CONNECTOR LOCK PART IS SLASH, THE TERMINAL IS MALE.  
 FIX TO MAIN LINE ※ MARKED CONNECTOR WITH THE TAPE FINALLY.  
 PUT THE STOPPER IN EMPTY TERMINAL OF THE WATERPROOF CONNECTOR.  
 AVS CAN BE USED INSTEAD OF AVSS.  
 0.85sq CAN BE USED INSTEAD OF 0.75sq.  
 THE FIGURE IN 'FROM/TO' COLUMN IS NUMBER OF CONNECTED LINE.  
 SOLDER AND THE CABLE MUST USE LEAD FREE.  
 COVER ALL JOINT OF CRIMP TERMINAL AND WIRE WITH BLACK VINYL TUBE 20mm IN LENGTH.  
 PUT ANTI-RUST GREASE IN ▼ POINT.



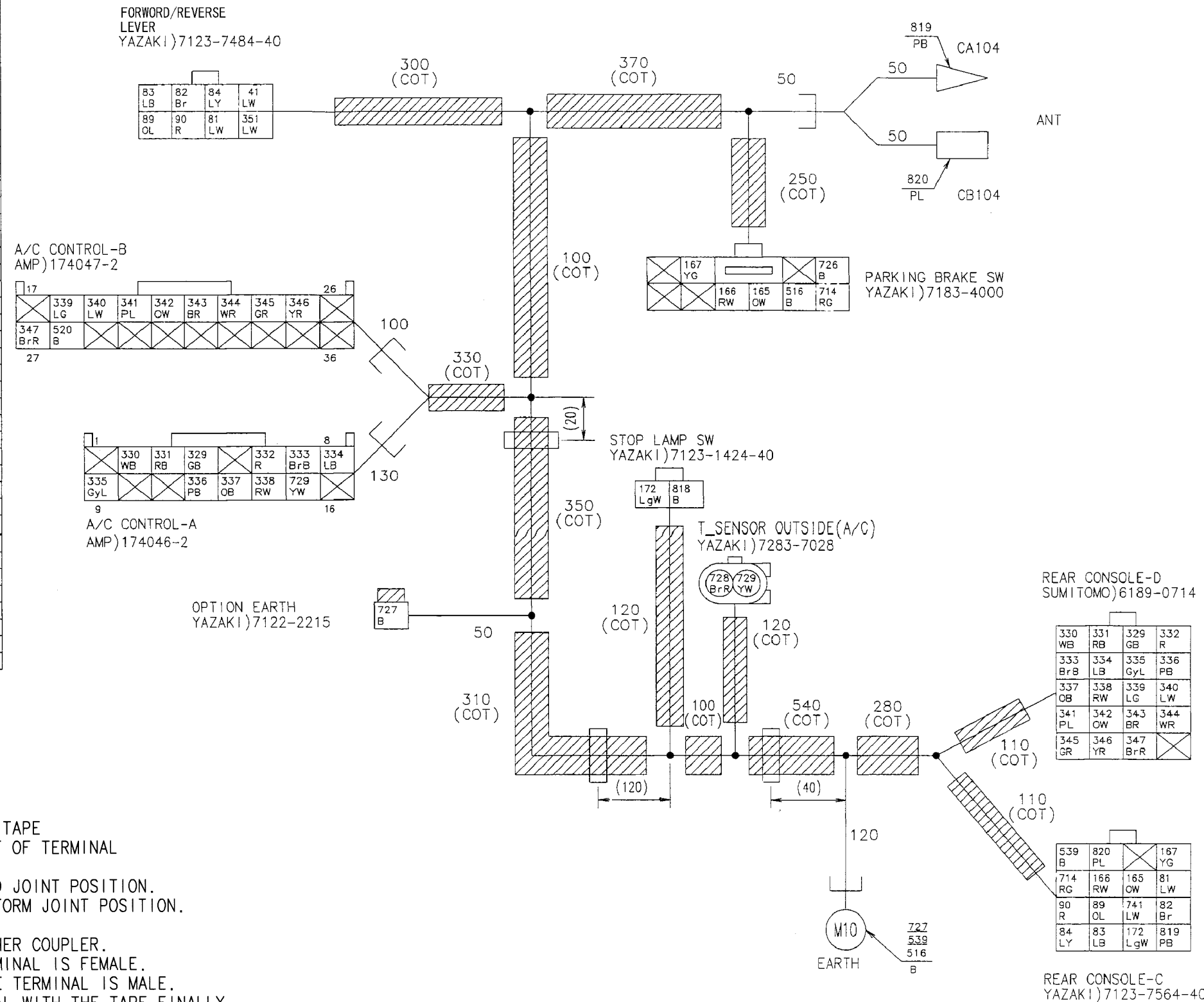






# ZW180 FRONT CONSOLE HARNESS2

No.	SIZE	COLOR	TYPE	FROM	TO
81	0.5	L-W	AVSS	R_CONSOLE-C	FORWORD/REVERSE LEVER
82	0.5	Br	AVSS	FORWORD/REVERSE LEVER(N)	R_CONSOLE-C
83	0.5	L-B	AVSS	FORWORD/REVERSE LEVER(F)	R_CONSOLE-C
84	0.5	L-Y	AVSS	FORWORD/REVERSE LEVER(R)	R_CONSOLE-C
89	0.5	O-L	AVSS	FORWORD/REVERSE LEVER(B)	R_CONSOLE-C
90	0.5	R	AVSS	FORWORD/REVERSE LEVER(C)	R_CONSOLE-C
165	0.5	O-W	AVSS	R_CONSOLE-C	PARKING BRAKE SW
166	0.5	R-W	AVSS	R_CONSOLE-C	PARKING BRAKE SW
167	0.5	Y-G	AVSS	PARKING BRAKE SW	R_CONSOLE-C
172	0.5	Lg-W	AVSS	R_CONSOLE-C	STOP LAMP SW
329	0.5	G-B	AVSS	A/C CONTROL-A	R_CONSOLE-D
330	0.5	W-B	AVSS	R_CONSOLE-D	A/C CONTROL-A
331	0.5	R-B	AVSS	A/C CONTROL-A	R_CONSOLE-D
332	0.5	R	AVSS	R_CONSOLE-D	A/C CONTROL-A
333	0.5	Br-B	AVSS	A/C CONTROL-A	R_CONSOLE-D
334	0.5	L-B	AVSS	A/C CONTROL-A	R_CONSOLE-D
335	0.5	Gy-L	AVSS	R_CONSOLE-D	A/C CONTROL-A
336	0.5	P-B	AVSS	A/C CONTROL-A	R_CONSOLE-D
337	0.5	O-B	AVSS	A/C CONTROL-A	R_CONSOLE-D
338	0.5	R-W	AVSS	A/C CONTROL-A	R_CONSOLE-D
339	0.5	L-G	AVSS	R_CONSOLE-D	A/C CONTROL-B
340	0.5	L-W	AVSS	R_CONSOLE-D	A/C CONTROL-B
341	0.5	P-L	AVSS	A/C CONTROL-B	R_CONSOLE-D
342	0.5	O-W	AVSS	R_CONSOLE-D	A/C CONTROL-B
343	0.5	B-R	AVSS	R_CONSOLE-D	A/C CONTROL-B
344	0.5	W-R	AVSS	R_CONSOLE-D	A/C CONTROL-B
345	0.5	G-R	AVSS	A/C CONTROL-B	R_CONSOLE-D
346	0.5	Y-R	AVSS	R_CONSOLE-D	A/C CONTROL-B
347	0.5	Br-R	AVSS	R_CONSOLE-D	A/C CONTROL-B
351	0.5	L-W	AVSS	FORWORD/REVERSE LEVER(COM)	81
516	1.25	B	AVSS	PARKIGN BRAKE SW	EARTH
520	0.5	B	AVSS	A/C CONTROL-B	516(GND)
539	2	B	AVSS	EARTH	R_CONSOLE-C
714	0.5	R-G	AVSS	R_CONSOLE-C	PARKING BRAKE SW
726	1.25	B	AVSS	PARKING BRAKE SW	516(GND)
727	1.25	B	AVSS	OPTION EARTH	EARTH
728	0.5	Br-R	AVSS	T_SENSOR OUTSIDE	347
729	0.5	Y-W	AVSS	A/C CONTROL-A	T_SENSOR OUTSIDE
741	0.5	L-W	AVSS	R_CONSOLE-C	FORWORD/REVERSE LEVER(COM)
818	0.5	B	AVSS	STOP LAMP SW	516(GND)
819	0.5	P-B	AVSS	ANT	R_CONSOLE-C
820	0.5	P-L	AVSS	ANT	R_CONSOLE-C

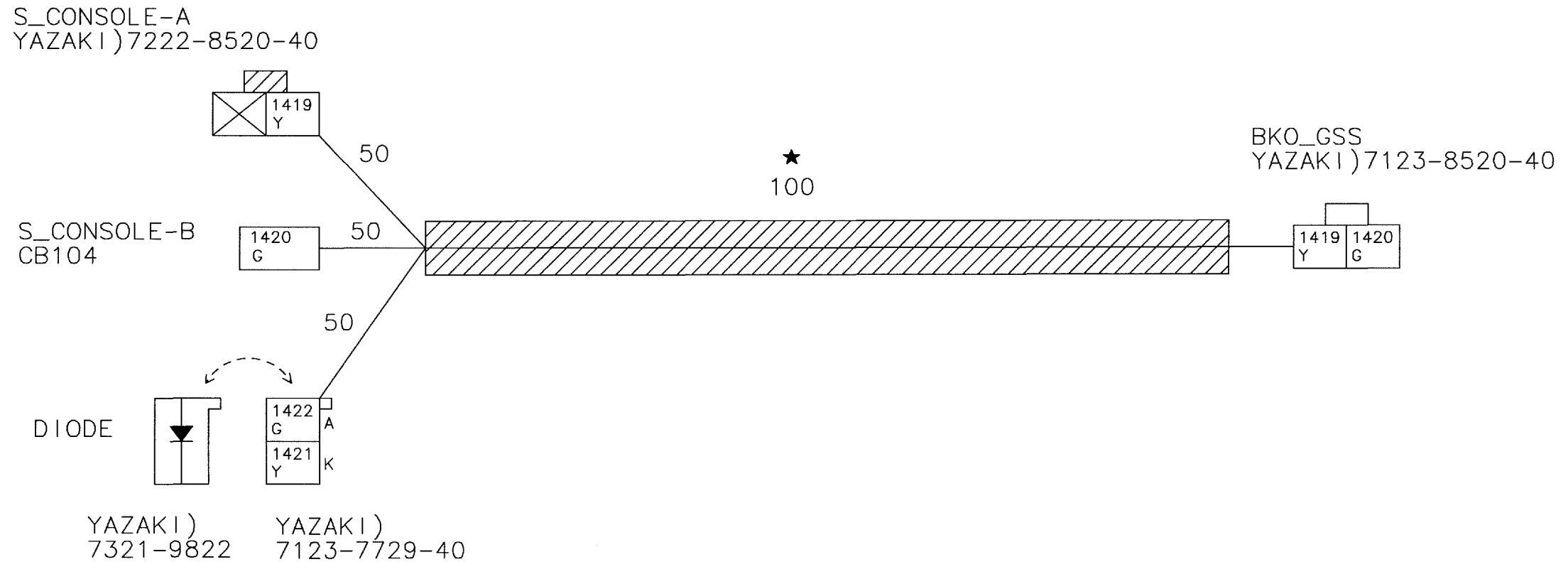


**NOTES)**

- COVER ALL CA OR CB-TERMINAL WITH INSULATORS.
- COVER ALL CA OR CB-TERMINAL WITH TIN.
- SOLDER OR CRIMP TERMINAL.
- TENSILE STRENGTH ; MORE THAN 10 Kg.
- COVER HATCHING PART IN THE CORRUGATED TUBE.
- COVER SOURCE LINE IN THE SPIRAL WITH THE VINYL TAPE
- BASICALLY, THE SIZE SHOWS LENGTH FROM THE POINT OF TERMINAL TO THE CENTER OF DIVERGENCE POSITION.
- JOIN WIRES 50mm OR MORE FROM THE DIVERGENCE AND JOINT POSITION.
- WHEN IT IS IMPOSSIBLE, JOIN WIRE 30mm OR MORE FORM JOINT POSITION.
- DO AN ELECTRIC DIVERGENCE ONLY IN SECTION ★.
- ARRANGEMENT OF TERMINAL SHOWS VIEW FROM THE OTHER COUPLER.
- WHEN THE CONNECTOR LOCK PART IS BLANK, THE TERMINAL IS FEMALE.
- AND, WHEN THE CONNECTOR LOCK PART IS SLASH, THE TERMINAL IS MALE.
- FIX TO MAIN LINE \*MARKED CONNECTOR AND TERMINAL WITH THE TAPE FINALLY.
- PUT THE STOPPER IN EMPTY TERMINAL OF THE WATERPROOF CONNECTOR.
- AVS CAN BE USED INSTEAD OF AVSS.
- THE FIGURE IN 'FROM/TO' COLUMN IS NUMBER OF CONNECTED LINE.
- SOLDER AND THE CABLE MUST USE LEAD FREE.
- COVER ALL JOINT OF CRIMP TERMINAL AND WIRE WITH BLACK VINYL TUBE 20mm IN LENGTH.

# ZW180 LIFT ARM AUTO LEVELER HARNESS (OPTIONAL)

No.	SIZE	COLOR	TYPE	FROM	TO
1419	0.5	Y	AVSS	S_CONSOLE-A	BKO_GSS
1420	0.5	G	AVSS	BKO_GSS	S_CONSOLE-B
1421	0.5	Y	AVSS	DIODE	1419
1422	0.5	G	AVSS	1420	DIODE



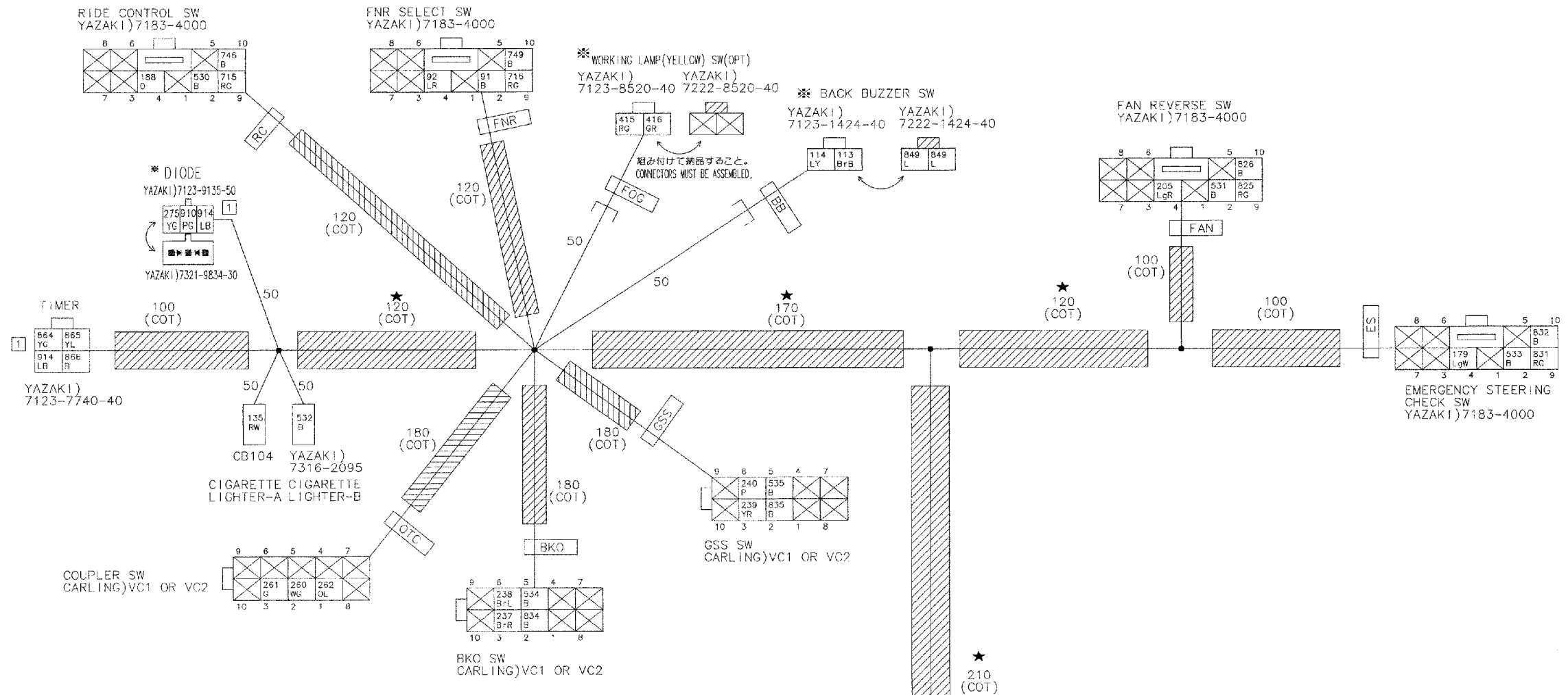
NOTES)

- COVER ALL CB-TERMINAL WITH INSULATORS.
- SOLDER OR CRIMP TERMINAL.
- TENSILE STRENGTH ; MORE THAN 10 Kg.
- COVER ALL CB-TERMINAL WITH TIN.
- COVER HATCHING PART IN THE CORRUGATED TUBE.
- COVER SOURCE LINE IN THE SPIRAL WITH THE VINYL TAPE.
- BASICALLY, THE SIZE SHOWS LENGTH FROM THE POINT OF TERMINAL TO THE CENTER OF DIVERGENCE POSITION.
- JOIN WIRES 50mm OR MORE FROM THE DIVERGENCE OR JOINT POSITION.
- DO AN ELECTRIC DIVERGENCE ONLY IN SECTION ★.
- ARRANGEMENT OF TERMINAL SHOWS VIEW FROM THE OTHER COUPLER.
- WHEN THE CONNECTOR LOCK PART IS BLANK, THE TERMINAL IS FEMALE.
- AND, WHEN THE CONNECTOR LOCK PART IS SLASH, THE TERMINAL IS MALE.
- PUT THE STOPPER IN EMPTY TERMINAL OF THE WATERPROOF CONNECTOR.
- AVS CAN BE USED INSTEAD OF AVSS WHEN NOT SPECIALLY DIRECTING.
- SOLDER AND THE CABLE MUST USE LEAD FREE.



# ZW180 SIDE CONSOLE HARNESS1

No.	SIZE 線径	COLOR 線色	TYPE 線種	FROM 起端	TO 終端
91	0.5	B	AVSS	FNR SELECT SW	532(GND)
92	0.5	L-R	AVSS	REAR CONSOLE-A	FNR SELECT SW
113	0.5	Br-B	AVSS	REAR CONSOLE-A	BACK BUZZER SW
114	0.5	L-Y	AVSS	BACK BUZZER SW	REAR CONSOLE-A
135	1.25	R-W	AVSS	REAR CONSOLE-A	CIGARETTE LIGHTER-A
179	0.5	Lg-W	AVSS	REAR CONSOLE-A	EMERGENCY STEERING CHECK SW
188	0.5	O	AVSS	REAR CONSOLE-A	RIDE CONTROL SW
205	0.5	Lg-R	AVSS	REAR CONSOLE-A	FAN REVERSE SW
237	0.5	Br-R	AVSS	REAR CONSOLE-A	BKO SW(ON)
238	0.5	Br-L	AVSS	REAR CONSOLE-A	BKO SW(SET)
239	0.5	Y-R	AVSS	REAR CONSOLE-A	GSS SW(ON)
240	0.5	P	AVSS	REAR CONSOLE-A	GSS SW(SET)
260	0.5	W-G	AVSS	REAR CONSOLE-A	COUPLER SW
261	0.5	G	AVSS	COUPLER SW(LOCK)	REAR CONSOLE-A
262	0.5	O-L	AVSS	COUPLER SW(UNLOCK)	REAR CONSOLE-A
275	0.5	Y-G	AVSS	864	DIODE
415	0.5	R-G	AVSS	715	WORKING LAMP(YELLOW) SW(OPT)
416	0.5	G-R	AVSS	WORKING LAMP(YELLOW) SW(OPT)	REAR CONSOLE-A
530	0.5	B	AVSS	RIDE CONTROL SW	532(GND)
531	0.5	B	AVSS	FAN REVERSE SW	532(GND)
532	1.25	B	AVSS	CIGARETTE LIGHTER-B	REAR CONSOLE-A
533	0.5	B	AVSS	EMERGENCY STEERING CHECK SW	532(GND)
534	0.5	B	AVSS	BKO SW	532(GND)
535	0.5	B	AVSS	GSS SW	532(GND)
715	0.5	R-G	AVSS	REAR CONSOLE-A	RIDE CONTROL SW
716	0.5	R-G	AVSS	715	FNR SELECT SW
746	0.5	B	AVSS	RIDE CONTROL SW	532(GND)
749	0.5	B	AVSS	FNR SELECT SW	532(GND)
825	0.5	R-G	AVSS	715	FAN REVERSE SW
826	0.5	B	AVSS	FAN REVERSE SW	532(GND)
831	0.5	R-G	AVSS	715	EMERGENCY STEERING CHECK SW
832	0.5	B	AVSS	EMERGENCY STEERING CHECK SW	532(GND)
834	0.5	B	AVSS	BKO SW	532(GND)
835	0.5	B	AVSS	GSS SW	532(GND)
849	0.5	L	AVSS	BACK BUZZER SW-B	BACK BUZZER SW
864	0.5	Y-G	AVSS	REAR CONSOLE-A	TIMER(TC)
865	0.5	Y-L	AVSS	REAR CONSOLE-A	TIMER(B)
866	0.5	B	AVSS	TIMER(G)	532(GND)
910	0.5	P-G	AVSS	DIODE	REAR CONSOLE-A
914	0.5	L-B	AVSS	TIMER(L)	DIODE



NOTES)

- COVER CB-TERMINAL WITH INSULATORS.
- COVER CB-TERMINAL WITH TIN.
- SOLDER OR CRIMP TERMINAL.
- TENSILE STRENGTH ; MORE THAN 10 Kg.
- COVER HATCHING PART IN THE CORRUGATED TUBE.
- COVER SOURCE LINE IN THE SPIRAL WITH THE VINYL TAPE
- BASICALLY, THE SIZE SHOWS LENGTH FROM THE POINT OF TERMINAL TO THE CENTOR OF DIVERGENCE POSITION.
- JOIN WIRES 50mm OR MORE FROM THE DIVERGENCE AND JOINT POSITION.
- WHEN IT IS IMPOSSIBLE, JOIN WIRE 30mm OR MORE FORM JOINT POSITION.
- DO AN ELECTRIC DIVERGENCE ONLY IN SECTION ★.
- ARRANGEMENT OF TERMINAL SHOWS VIEW FROM THE OTHER COUPLER.
- WHEN THE CONNECTOR LOCK PART IS BLANK, THE TERMINAL IS FEMALE.
- AND, WHEN THE CONNECTOR LOCK PART IS SLASH, THE TERMINAL IS MALE.
- FIX TO MAIN LINE ※ MARKED CONNECTOR WITH THE TAPE FINALLY.
- PUT THE STOPPER IN EMPTY TERMINAL OF THE WATERPROOF CONNECTOR.
- AVS CAN BE USED INSTEAD OF AVSS.
- THE FIGURE IN 'FROM/TO' COLUMN IS NUMBER OF CONNECTED LINE.
- SOLDER AND THE CABLE MUST USE LEAD FREE.

92	113	114	135
L/R	BrB	LY	R/W
179	188	205	237
LgW	O	LgR	BrR
238	239	240	260
BrL	YR	P	WG
261	262	416	532
G	OL	GR	B
715	864	865	910
RG	YG	YL	PG

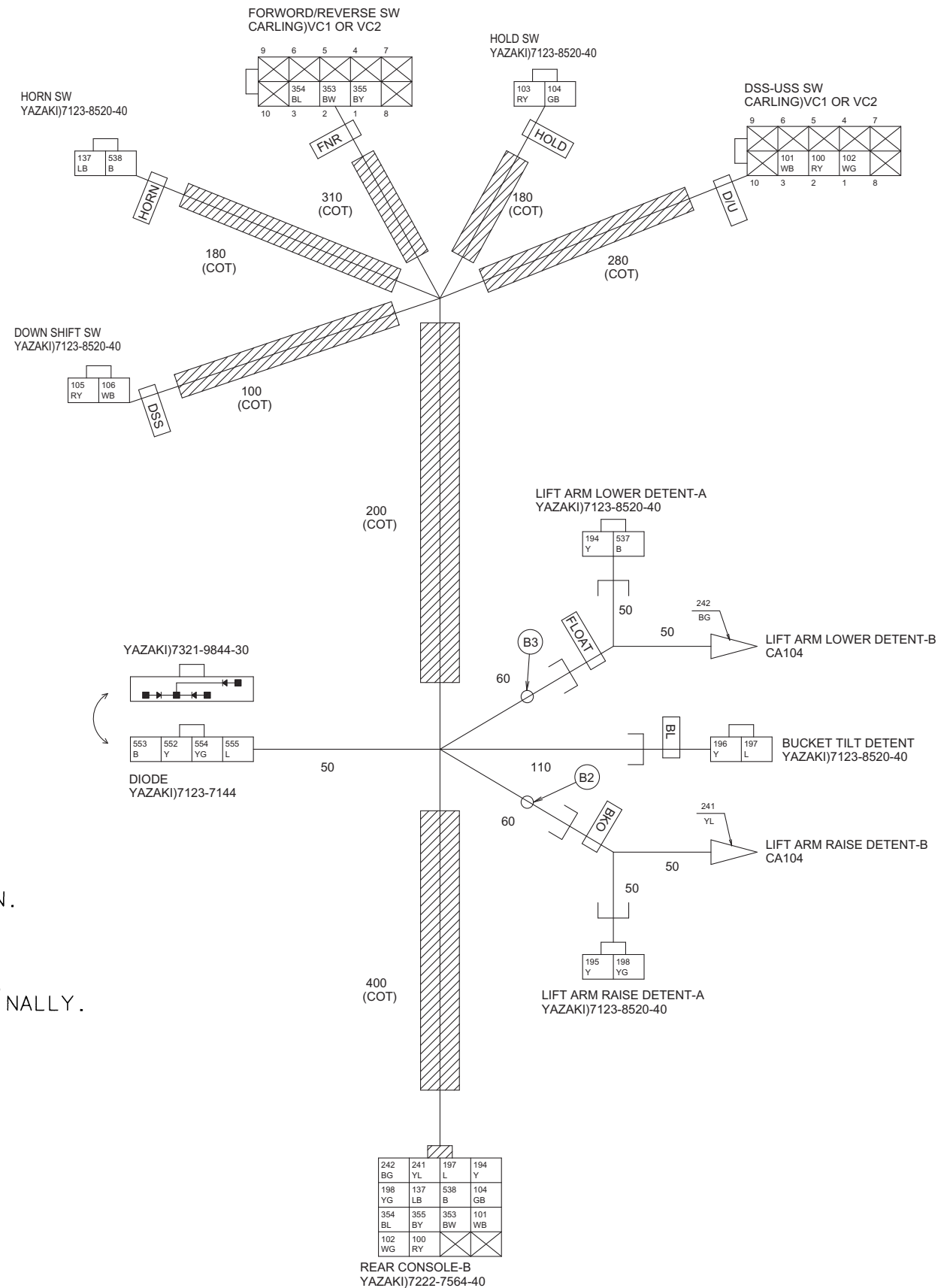
REAR CONSOLE-A  
SUMITOMO) 6188-0494

# ZW180 SIDE CONSOLE HARNESS2 (FOR STANDARD TWO LEVER PILOT VALVE)

No.	SIZE	COLOR	TYPE	FROM	TO
100	0.5	R-Y	AVSS	REAR CONSOLE-B	DSS-USS SW
101	0.5	W-B	AVSS	DSS-USS SW(DSS)	REAR CONSOLE-B
102	0.5	W-G	AVSS	DSS-USS SW(USS)	REAR CONSOLE-B
103	0.5	R-Y	AVSS	100	HOLD SW
104	0.5	G-B	AVSS	HOLD SW	REAR CONSOLE-B
105	0.5	R-Y	AVSS	100	DOWN SHIFT SW
106	0.5	W-B	AVSS	DOWN SHIFT SW	101
137	0.5	L-B	AVSS	REAR CONSOLE-B	HORN SW
194	0.5	Y	AVSS	REAR CONSOLE-B	LIFT ARM LOWER-A
195	0.5	Y	AVSS	194	LIFT ARM RAISE-A
196	0.5	Y	AVSS	194	BUCKET TILT
197	0.5	L	AVSS	BUCKET TILT	REAR CONSOLE-B
198	0.5	Y-G	AVSS	LIFT ARM RAISE-A	REAR CONSOLE-B
241	0.5	Y-L	AVSS	LIFT ARM RAISE-B	REAR CONSOLE-B
242	0.5	B-G	AVSS	LIFT ARM LOWER-B	REAR CONSOLE-B
353	0.5	B-W	AVSS	REAR CONSOLE-B	FORWARD/REVERSE SW
354	0.5	B-L	AVSS	FORWARD/REVERSE SW(F)	REAR CONSOLE-B
355	0.5	B-Y	AVSS	FORWARD/REVERSE SW(R)	REAR CONSOLE-B
537	0.5	B	AVSS	LIFT ARM LOWER-A	538(GND)
538	0.75	B	AVSS	HORN SW	REAR CONSOLE-B
552	0.5	Y	AVSS	DIODE	194
553	0.5	B	AVSS	538(GND)	DIODE
554	0.5	Y-G	AVSS	198	DIODE
555	0.5	L	AVSS	197	DIODE

NOTES)

- COVER ALL CA-TERMINAL WITH INSULATORS.
- COVER ALL CA-TERMINAL WITH TIN.
- SOLDER OR CRIMP TERMINAL.
- TENSILE STRENGTH ; MORE THAN 10 Kg.
- COVER HATCHING PART IN THE CORRUGATED TUBE.
- COVER SOURCE LINE IN THE SPIRAL WITH THE VINYL TAPE
- BASICALLY, THE SIZE SHOWS LENGTH FROM THE POINT OF TERMINAL TO THE CENTER OF DIVERGENCE POSITION.
- JOIN WIRES 50mm OR MORE FROM THE DIVERGENCE AND JOINT POSITION.
- WHEN IT IS IMPOSSIBLE, JOIN WIRE 30mm OR MORE FORM JOINT POSITION.
- DO AN ELECTRIC DIVERGENCE ONLY IN SECTION ★.
- ARRANGEMENT OF TERMINAL SHOWS VIEW FROM THE OTHER COUPLER.
- WHEN THE CONNECTOR LOCK PART IS BLANK, THE TERMINAL IS FEMALE.
- AND, WHEN THE CONNECTOR LOCK PART IS SLASH, THE TERMINAL IS MALE.
- FIX TO MAIN LINE ※ MARKED CONNECTOR AND TERMINAL WITH THE TAPE FINALLY.
- PUT THE STOPPER IN EMPTY TERMINAL OF THE WATERPROOF CONNECTOR.
- AVS CAN BE USED INSTEAD OF AVSS.
- 0.85sq CAN BE USED INSTEAD OF 0.75sq.
- THE FIGURE IN 'FROM/TO' COLUMN IS NUMBER OF CONNECTED LINE.
- SOLDER AND THE CABLE MUST USE LEAD FREE.

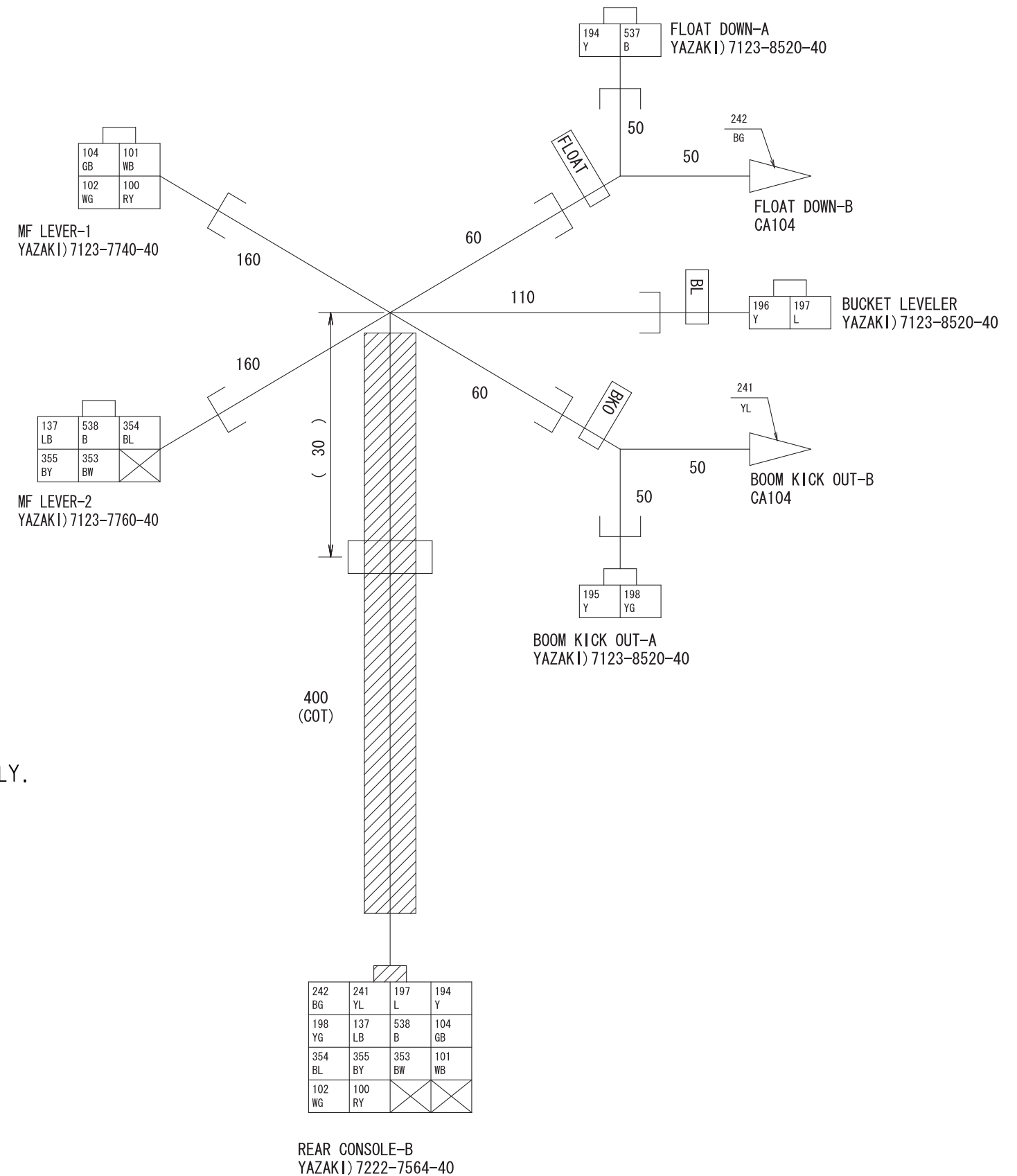


# ZW180 SIDE CONSOLE HARNESS3 (FOR OPTIONAL JOY STICK LEVER PILOT VALVE)

No.	SIZE	COLOR	TYPE	FROM	TO
100	0.5	R-Y	AVSS	REAR CONSOLE-B	MF LEVER-1
101	0.5	W-B	AVSS	MF LEVER-1 (DSS)	REAR CONSOLE-B
102	0.5	W-G	AVSS	MF LEVER-1 (USS)	REAR CONSOLE-B
104	0.5	G-B	AVSS	MF LEVER-1 (HOLD)	REAR CONSOLE-B
137	0.5	L-B	AVSS	REAR CONSOLE-B	MF LEVER-2 (HORN)
194	0.5	Y	AVSS	REAR CONSOLE-B	LIFT ARM LOWER-A
195	0.5	Y	AVSS	194	LIFT ARM RAISE-A
196	0.5	Y	AVSS	194	BUCKET TILT
197	0.5	L	AVSS	BUCKET TILT	REAR CONSOLE-B
198	0.5	Y-G	AVSS	LIFT ARM RAISE-A	REAR CONSOLE-B
241	0.5	Y-L	AVSS	LIFT ARM RAISE-B	REAR CONSOLE-B
242	0.5	B-G	AVSS	LIFT ARM LOWER-B	REAR CONSOLE-B
353	0.5	B-W	AVSS	REAR CONSOLE-B	MF LEVER-2
354	0.5	B-L	AVSS	MF LEVER-2 (F)	REAR CONSOLE-B
355	0.5	B-Y	AVSS	MF LEVER-2 (R)	REAR CONSOLE-B
537	0.5	B	AVSS	LIFT ARM LOWER-A	538 (GND)
538	0.75	B	AVSS	MF LEVER-2 (HORN)	REAR CONSOLE-B

NOTES)

- COVER ALL CA-TERMINAL WITH INSULATORS.
- COVER ALL CA-TERMINAL WITH TIN.
- SOLDER OR CRIMP TERMINAL.
- TENSILE STRENGTH ; MORE THAN 10 Kg.
- COVER HATCHING PART IN THE CORRUGATED TUBE.
- COVER SOURCE LINE IN THE SPIRAL WITH THE VINYL TAPE
- BASICALLY, THE SIZE SHOWS LENGTH FROM THE POINT OF TERMINAL TO THE CENTOR OF DIVERGENCE POSITION
- DO AN ELECTRIC DIVERGENCE ONLY IN SECTION ★.
- ARRANGEMENT OF TERMINAL SHOWS VIEW FROM THE OTHER COUPLER.
- WHEN THE CONNECTOR LOCK PART IS BLANK, THE TERMINAL IS FEMALE.
- AND, WHEN THE CONNECTOR LOCK PART IS SLASH, THE TERMINAL IS MALE.
- FIX TO MAIN LINE \* MARKED CONNECTOR AND TERMINAL WITH THE TAPE FINALLY.
- PUT THE STOPPER IN EMPTY TERMINAL OF THE WATERPROOF CONNECTOR.
- AVS CAN BE USED INSTEAD OF AVSS.
- 0.85sq CAN BE USED INSTEAD OF 0.75sq.
- THE FIGURE IN 'FROM/TO' COLUMN IS NUMBER OF CONNECTED LINE.
- SOLDER AND THE CABLE MUST USE LEAD FREE.

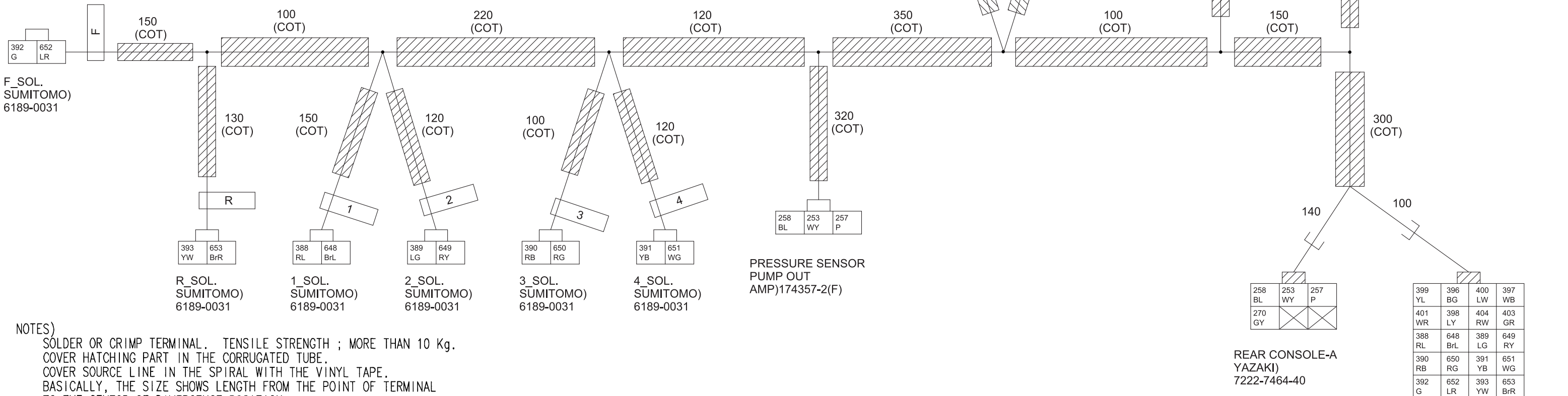


REAR CONSOLE-B  
YAZAKI) 7222-7564-40



# ZW180 TRANSMISSION HARNESS

No.	SIZE 線径	COLOR 線色	TYPE 線種	FROM 起点	TO 終点
253	0.75	W-Y	AVSS	REAR CONSOLE-A	PUMP OUT(SIG)
257	0.75	P	AVSS	REAR CONSOLE-A	PUMP OUT(+5V)
258	0.75	B-L	AVSS	REAR CONSOLE-A	PUMP OUT(GND)
270	0.75	G-Y	AVSS	REAR CONSOLE-A	T_SENSOR T/C OIL
388	0.75	R-L	AVSS	REAR CONSOLE-B	1_SOL
389	0.75	L-G	AVSS	REAR CONSOLE-B	2_SOL
390	0.75	R-B	AVSS	REAR CONSOLE-B	3_SOL
391	0.75	Y-B	AVSS	REAR CONSOLE-B	4_SOL
392	0.75	G	AVSS	REAR CONSOLE-B	F_SOL
393	0.75	Y-W	AVSS	REAR CONSOLE-B	R_SOL
396	0.75	B-G	AVSS	VEHICLE SPEED SENSOR(GND)	REAR CONSOLE-B
397	0.75	W-B	AVSS	T/C INPUT SPEED SENSOR(GND)	REAR CONSOLE-B
398	0.75	L-Y	AVSS	T/M MIDDLE SHAFT SENSOR(GND)	REAR CONSOLE-B
399	0.75	Y-L	AVSS	REAR CONSOLE-B	VEHICLE SPEED SENSOR(SIG)
400	0.75	L-W	AVSS	REAR CONSOLE-B	T/C INPUT SPEED SENSOR(SIG)
401	0.75	W-R	AVSS	REAR CONSOLE-B	T/M MIDDLE SHAFT SENSOR(SIG)
403	0.75	G-R	AVSS	T/C OUTPUT SPEED SENSOR(GND)	REAR CONSOLE-B
404	0.75	R-W	AVSS	REAR CONSOLE-B	T/C OUTPUT SPEED SENSOR(SIG)
648	0.75	Br-L	AVSS	1_SOL	REAR CONSOLE-B
649	0.75	R-Y	AVSS	2_SOL	REAR CONSOLE-B
650	0.75	R-G	AVSS	3_SOL	REAR CONSOLE-B
651	0.75	W-G	AVSS	4_SOL	REAR CONSOLE-B
652	0.75	L-R	AVSS	F_SOL	REAR CONSOLE-B
653	0.75	Br-R	AVSS	R_SOL	REAR CONSOLE-B



NOTES)

- SOLDER OR CRIMP TERMINAL. TENSILE STRENGTH ; MORE THAN 10 Kg.
- COVER HATCHING PART IN THE CORRUGATED TUBE.
- COVER SOURCE LINE IN THE SPIRAL WITH THE VINYL TAPE.
- BASICALLY, THE SIZE SHOWS LENGTH FROM THE POINT OF TERMINAL TO THE CENTER OF DIVERGENCE POSITION.
- ARRANGEMENT OF TERMINAL SHOWS VIEW FROM THE OTHER COUPLER.
- WHEN THE CONNECTOR LOCK PART IS BLANK, THE TERMINAL IS FEMALE.
- AND, WHEN THE CONNECTOR LOCK PART IS SLASH, THE TERMINAL IS MALE.
- PUT THE STOPPER IN EMPTY TERMINAL OF THE WATERPROOF CONNECTOR.
- TWIST HARNESS 396 AND 399 AT INTERVALS OF 30mm BETWEEN N\_SENSOR E/G AND REAR CONSOLE-B.
- TWIST HARNESS 397 AND 400 AT INTERVALS OF 30mm BETWEEN N\_SENSOR IN AND REAR CONSOLE-B.
- TWIST HARNESS 398 AND 401 AT INTERVALS OF 30mm BETWEEN N\_SENSOR MID AND REAR CONSOLE-B.
- TWIST HARNESS 403 AND 404 AT INTERVALS OF 30mm BETWEEN N\_SENSOR OUT AND REAR CONSOLE-B.
- AVS CAN BE USED INSTEAD OF AVSS.
- 0.85sq CAN BE USED INSTEAD OF 0.75sq.
- SOLDER AND THE CABLE MUST USE LEAD FREE.
- COVER ALL JOINT OF CRIMP TERMINAL AND WIRE WITH BLACK VINYL TUBE 20mm IN LENGTH.

REAR CONSOLE-B  
SUMITOMO)  
6188-0494

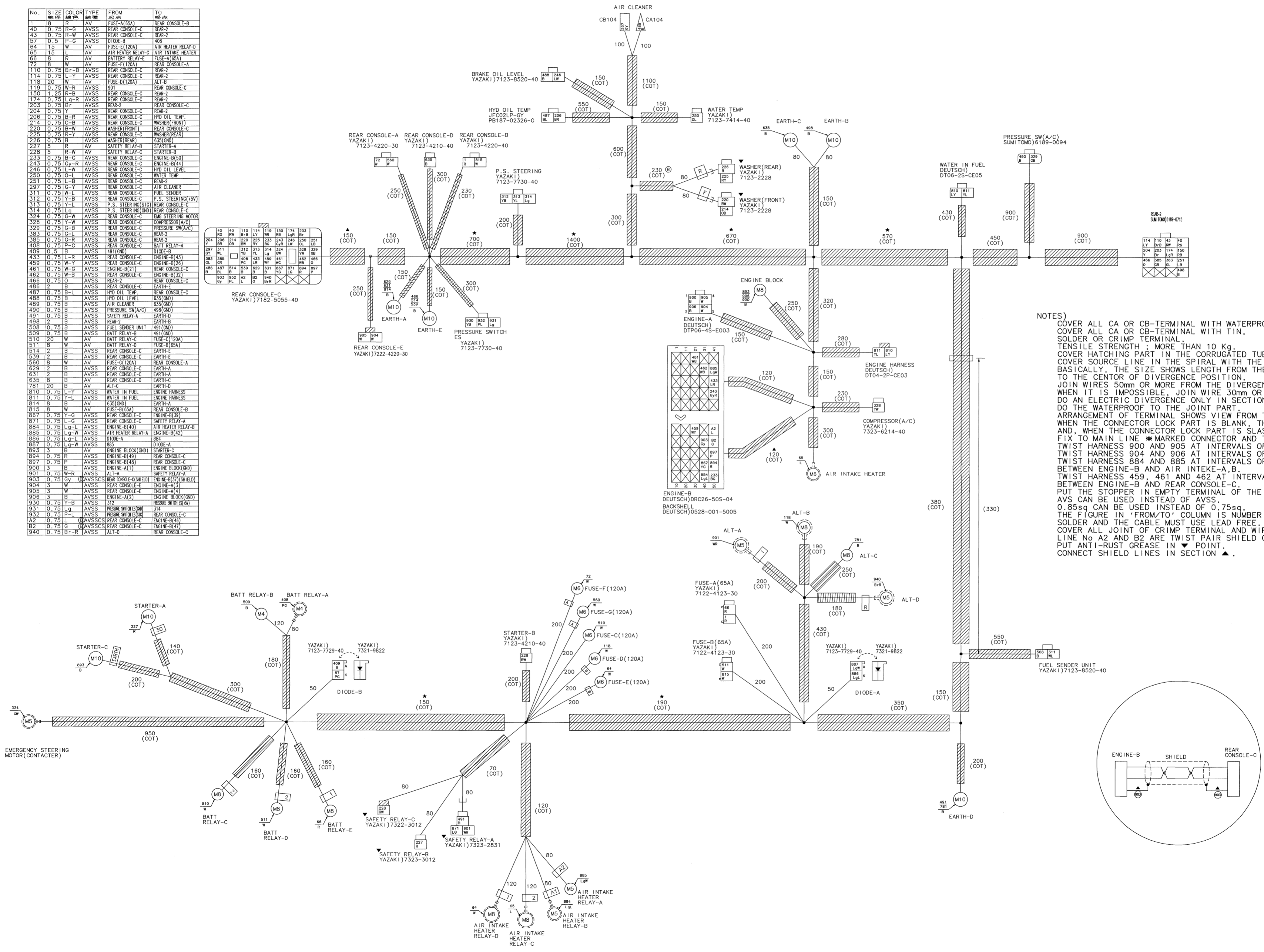






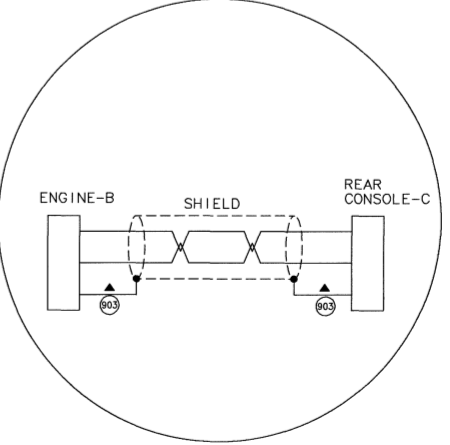
# ZW180 REAR FRAME HARNESS1

No.	SIZE	COLOR	TYPE	FROM	TO
mm	mm	mm	mm	mm	mm
1	8	R	AV	FUSE-A(65A)	REAR CONSOLE-B
40	0.75	R-C	AVSS	REAR CONSOLE-C	REAR-2
43	0.75	R-W	AVSS	REAR CONSOLE-C	REAR-2
57	0.5	P-G	AVSS	DIODE-B	406
64	15	W	AV	FUSE-F(20A)	AIR HEATER RELAY-B
65	15	W	AV	AIR HEATER RELAY-C	AIR INTAKE HEATER
66	8	R	AV	BATTERY RELAY-E	FUSE-A(65A)
72	8	W	AV	FUSE-F(20A)	REAR CONSOLE-A
110	0.75	Br-B	AVSS	REAR CONSOLE-C	REAR-2
114	0.75	L-Y	AVSS	REAR CONSOLE-C	REAR-2
118	20	W	AV	FUSE-F(20A)	ALT-B
119	0.75	W-R	AVSS	901	REAR CONSOLE-C
150	0.75	R-B	AVSS	REAR CONSOLE-C	REAR-2
174	0.75	L-R	AVSS	REAR CONSOLE-C	REAR-2
203	0.75	Br	AVSS	REAR-2	REAR CONSOLE-C
204	0.75	W	AVSS	REAR CONSOLE-C	REAR-2
206	0.75	Br	AVSS	REAR CONSOLE-C	PROP OIL TEMP
214	0.75	O-B	AVSS	REAR CONSOLE-C	WASHER(FRONT)
220	0.75	B-W	AVSS	WASHER(FRONT)	REAR CONSOLE-C
225	0.75	R-Y	AVSS	REAR CONSOLE-C	WASHER(REAR)
226	0.75	B	AVSS	WASHER(REAR)	635(ND)
227	5	R	AV	SAFETY RELAY-B	STARTER-A
228	5	R-W	AV	SAFETY RELAY-C	STARTER-B
233	0.75	B-G	AVSS	REAR CONSOLE-C	ENGINE-B(50)
243	0.75	Cy-R	AVSS	REAR CONSOLE-C	ENGINE-B(44)
246	0.75	L-W	AVSS	REAR CONSOLE-C	HYD OIL LEVEL
250	0.75	O-L	AVSS	REAR CONSOLE-C	WATER TEMP
251	0.75	L-B	AVSS	REAR CONSOLE-C	REAR-2
291	0.75	Cy	AVSS	REAR CONSOLE-C	AIR CLEANER
311	0.75	W-L	AVSS	REAR CONSOLE-C	FUEL SENDER
312	0.75	Y-B	AVSS	REAR CONSOLE-C	P.S. STEERING(CSV)
313	0.75	L-L	AVSS	REAR CONSOLE-C	P.S. STEERING(STD)
314	0.75	Lg	AVSS	REAR CONSOLE-C	P.S. STEERING(ND)
324	0.75	Cy-W	AVSS	REAR CONSOLE-C	EMG STEERING MOTOR
328	0.75	L-W	AVSS	REAR CONSOLE-C	COMPRESSOR(A/C)
329	0.75	G-B	AVSS	REAR CONSOLE-C	PRESSURE SW(A/C)
353	0.75	Cy-R	AVSS	REAR CONSOLE-C	REAR-2
385	0.75	R-R	AVSS	REAR CONSOLE-C	REAR-2
408	0.75	P-G	AVSS	REAR CONSOLE-C	BATT RELAY-A
409	0.5	B	AVSS	REAR CONSOLE-C	REAR-2
433	0.75	L-R	AVSS	REAR CONSOLE-C	ENGINE-B(43)
459	0.75	W-Y	AVSS	REAR CONSOLE-C	ENGINE-B(29)
461	0.75	W-G	AVSS	REAR CONSOLE-C	ENGINE-B(11)
462	0.75	W-B	AVSS	REAR CONSOLE-C	ENGINE-B(13)
466	0.75	O	AVSS	REAR CONSOLE-C	REAR-2
486	2	B	AVSS	REAR CONSOLE-C	EARTH-E
487	0.75	B-L	AVSS	HYD OIL TEMP	REAR CONSOLE-C
488	0.75	B	AVSS	HYD OIL LEVEL	635(ND)
489	0.75	B	AVSS	AIR CLEANER	635(ND)
490	0.75	B	AVSS	PRESSURE SW(A/C)	488(ND)
491	0.75	B	AVSS	SAFETY RELAY-A	EARTH-D
498	2	B	AVSS	REAR-2	EARTH-E
508	0.75	B	AVSS	FUEL SENDER UNIT	491(ND)
509	0.75	B	AVSS	BATT RELAY-B	491(ND)
510	20	W	AV	BATT RELAY-D	FUSE-B(65A)
511	8	W	AV	BATT RELAY-E	FUSE-B(65A)
514	2	B	AVSS	REAR CONSOLE-C	EARTH-E
559	2	B	AVSS	REAR CONSOLE-C	EARTH-E
560	8	W	AV	FUSE-B(20A)	REAR CONSOLE-A
629	2	B	AVSS	REAR CONSOLE-C	EARTH-A
631	2	B	AVSS	REAR CONSOLE-C	EARTH-A
635	8	B	AV	REAR CONSOLE-D	EARTH-C
781	20	B	AV	ALT-C	EARTH-D
810	0.75	L-Y	AVSS	WATER IN FUEL	ENGINE HARNESS
811	0.75	Y-L	AVSS	WATER IN FUEL	ENGINE HARNESS
814	8	B	AV	635(ND)	EARTH-A
815	8	W	AV	FUSE-B(65A)	REAR CONSOLE-B
867	0.75	Y-G	AVSS	REAR CONSOLE-C	ENGINE-B(39)
871	0.75	L-G	AVSS	REAR CONSOLE-C	SAFETY RELAY-A
884	0.75	L-L	AVSS	ENGINE-B(40)	AIR HEATER RELAY-B
885	0.75	Lg-W	AVSS	AIR HEATER RELAY-A	ENGINE-B(42)
886	0.75	Lg-L	AVSS	DIODE-A	684
887	0.75	Lg-W	AVSS	DIODE-A	684
893	3	B	AV	ENGINE BLOCK(ND)	STARTER-C
894	0.75	R	AVSS	ENGINE-B(87)	REAR CONSOLE-C
897	0.75	P	AVSS	ENGINE-B(48)	REAR CONSOLE-C
900	3	B	AV	ENGINE-A(1)	ENGINE BLOCK(ND)
901	0.75	W-K	AVSS	ALT-A	SAFETY RELAY-A
903	0.75	Cy	(DAVSSCS)REAR CONSOLE-C(SHIELD)	ENGINE-B(17)(SHIELD)	
904	3	W	AVSS	REAR CONSOLE-E	ENGINE-A(1)
905	3	W	AVSS	REAR CONSOLE-E	ENGINE-A(4)
906	3	B	AVSS	ENGINE-A(2)	ENGINE BLOCK(ND)
930	0.75	Y-B	AVSS	312	PRESSURE SWITCH(ND)
931	0.75	Lg	AVSS	PRESSURE SWITCH(ND)	314
932	0.75	P-L	AVSS	PRESSURE SWITCH(ND)	REAR CONSOLE-C
A2	0.75	L	(DAVSSCS)REAR CONSOLE-C	ENGINE-B(46)	
B2	0.75	G	(DAVSSCS)REAR CONSOLE-C	ENGINE-B(41)	
940	0.75	Br-R	AVSS	ALT-B	REAR CONSOLE-C



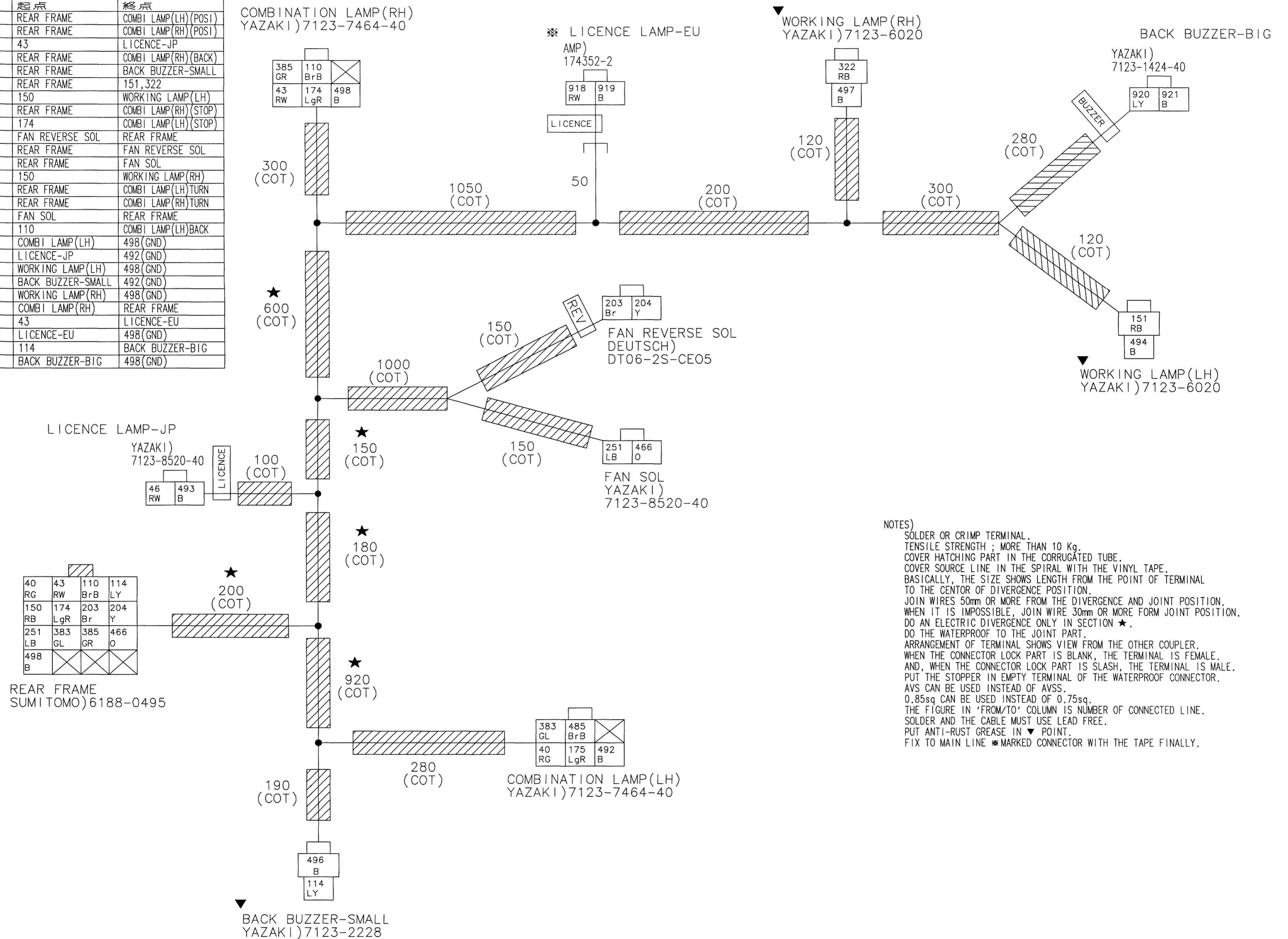
**NOTES**

- COVER ALL CA OR CB-TERMINAL WITH WATERPROOF SLEEVE.
- COVER ALL CA OR CB-TERMINAL WITH TIN.
- SOLDER OR CRIMP TERMINAL.
- TENSILE STRENGTH : MORE THAN 10 Kg.
- COVER HATCHING PART IN THE CORRUGATED TUBE.
- COVER SOURCE LINE IN THE SPIRAL WITH THE VINYL TAPE.
- BASICALLY, THE SIZE SHOWS LENGTH FROM THE POINT OF TERMINAL TO THE CENTER OF DIVERGENCE POSITION.
- JOIN WIRES 50mm OR MORE FROM THE DIVERGENCE AND JOINT POSITION.
- WHEN IT IS IMPOSSIBLE, JOIN WIRE 30mm OR MORE FORM JOINT POSITION.
- DO AN ELECTRIC DIVERGENCE ONLY IN SECTION \*.
- DO THE WATERPROOF TO THE JOINT PART.
- ARRANGEMENT OF TERMINAL SHOWS VIEW FROM THE OTHER COUPLER.
- WHEN THE CONNECTOR LOCK PART IS BLANK, THE TERMINAL IS FEMALE.
- AND, WHEN THE CONNECTOR LOCK PART IS SLASH, THE TERMINAL IS MALE.
- FIX TO MAIN LINE \*MARKED CONNECTOR AND TERMINAL WITH THE TAPE FINALLY.
- TWIST HARNESS 900 AND 905 AT INTERVALS OF 30mm BETWEEN ENGINE-A AND DIVERGENCE.
- TWIST HARNESS 884 AND 885 AT INTERVALS OF 30mm BETWEEN ENGINE-B AND AIR INTEKE-A,B.
- TWIST HARNESS 459, 461 AND 462 AT INTERVALS OF 30mm BETWEEN ENGINE-B AND REAR CONSOLE-C.
- PUT THE STOPPER IN EMPTY TERMINAL OF THE WATERPROOF CONNECTOR.
- AVS CAN BE USED INSTEAD OF AVSS.
- 0.85sq CAN BE USED INSTEAD OF 0.75sq.
- THE FIGURE IN 'FROM/TO' COLUMN IS NUMBER OF CONNECTED LINE.
- SOLDER AND THE CABLE MUST USE LEAD FREE.
- COVER ALL JOINT OF CRIMP TERMINAL AND WIRE WITH BLACK VINYL TUBE 20mm IN LENGTH.
- LINE No A2 AND B2 ARE TWIST PAIR SHIELD CABLE WHOSE LINE No 903 IS A SHIELD LINE.
- PUT ANTI-RUST GREASE IN \* POINT.
- CONNECT SHIELD LINES IN SECTION ▲.



# ZW180 REAR FRAME HARNESS2

No.	SIZE 線径	COLOR 線色	TYPE 線種	FROM 起点	TO 終点
40	0.75	R-G	AVSS	REAR FRAME	COMBI LAMP(LH)(POS1)
43	0.75	R-W	AVSS	REAR FRAME	COMBI LAMP(RH)(POS1)
46	0.75	R-W	AVSS	43	LICENCE-JP
110	0.75	Br-B	AVSS	REAR FRAME	COMBI LAMP(RH)(BACK)
114	0.75	L-Y	AVSS	REAR FRAME	BACK BUZZER-SMALL
150	1.25	R-B	AVSS	REAR FRAME	151,322
151	0.75	R-B	AVSf	150	WORKING LAMP(LH)
174	0.75	Lg-R	AVSS	REAR FRAME	COMBI LAMP(RH)(STOP)
175	0.75	Lg-R	AVSS	174	COMBI LAMP(LH)(STOP)
203	0.75	Br	AVSf	FAN REVERSE SOL	REAR FRAME
204	0.75	Y	AVSf	REAR FRAME	FAN REVERSE SOL
251	0.75	L-B	AVSf	REAR FRAME	FAN SOL
322	0.75	R-B	AVSf	150	WORKING LAMP(RH)
383	0.75	G-L	AVSS	REAR FRAME	COMBI LAMP(LH)TURN
385	0.75	G-R	AVSS	REAR FRAME	COMBI LAMP(RH)TURN
466	0.75	O	AVSf	FAN SOL	REAR FRAME
485	0.75	Br-B	AVSS	110	COMBI LAMP(LH)BACK
492	0.75	B	AVSS	COMBI LAMP(LH)	498(GND)
493	0.75	B	AVSS	LICENCE-JP	492(GND)
494	0.75	B	AVSf	WORKING LAMP(LH)	498(GND)
496	0.75	B	AVSS	BACK BUZZER-SMALL	492(GND)
497	0.75	B	AVSf	WORKING LAMP(RH)	498(GND)
498	2	B	AVSS	COMBI LAMP(RH)	REAR FRAME
918	0.75	R-W	AVSf	43	LICENCE-EU
919	0.75	B	AVSf	LICENCE-EU	498(GND)
920	0.75	L-Y	AVSf	114	BACK BUZZER-BIG
921	0.75	B	AVSf	BACK BUZZER-BIG	498(GND)

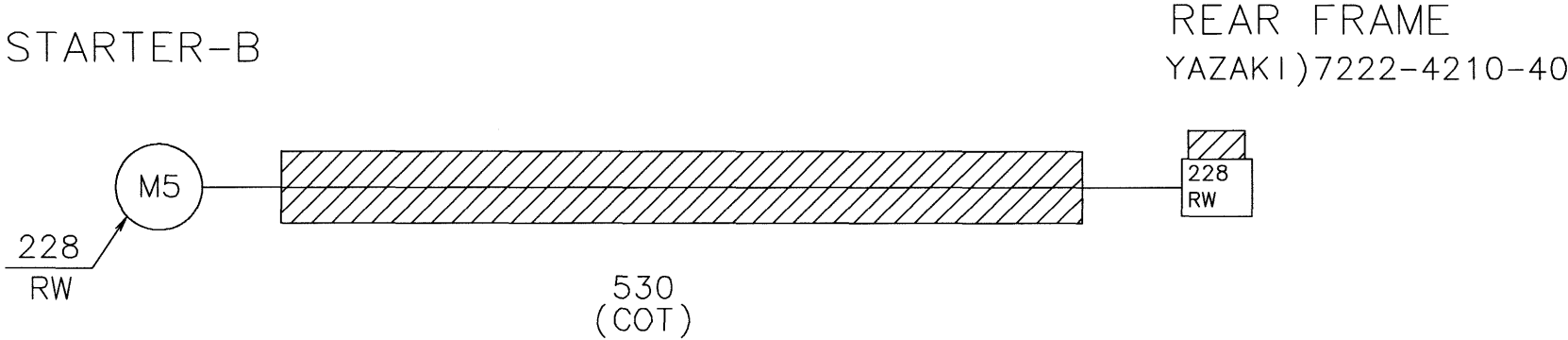


NOTES)

- SOLDER OR CRIMP TERMINAL.
- TENSILE STRENGTH ; MORE THAN 10 Kg.
- COVER HATCHING PART IN THE CORRUGATED TUBE.
- COVER SOURCE LINE IN THE SPIRAL WITH THE VINYL TAPE.
- BASICALLY, THE SIZE SHOWS LENGTH FROM THE POINT OF TERMINAL TO THE CENTER OF DIVERGENCE POSITION.
- JOIN WIRES 50mm OR MORE FROM THE DIVERGENCE AND JOINT POSITION.
- WHEN IT IS IMPOSSIBLE, JOIN WIRE 30mm OR MORE FORM JOINT POSITION.
- DO AN ELECTRIC DIVERGENCE ONLY IN SECTION ★.
- DO THE WATERPROOF TO THE JOINT PART.
- ARRANGEMENT OF TERMINAL SHOWS VIEW FROM THE OTHER COUPLER.
- WHEN THE CONNECTOR LOCK PART IS BLANK, THE TERMINAL IS FEMALE.
- AND, WHEN THE CONNECTOR LOCK PART IS SLASH, THE TERMINAL IS MALE.
- PUT THE STOPPER IN EMPTY TERMINAL OF THE WATERPROOF CONNECTOR.
- AVS CAN BE USED INSTEAD OF AVSS.
- 0.85sq CAN BE USED INSTEAD OF 0.75sq.
- THE FIGURE IN 'FROM/TO' COLUMN IS NUMBER OF CONNECTED LINE.
- SOLDER AND THE CABLE MUST USE LEAD FREE.
- PUT ANTI-RUST GREASE IN ▼ POINT.
- FIX TO MAIN LINE ★ MARKED CONNECTOR WITH THE TAPE FINALLY.

# ZW180 STARTER HARNESS

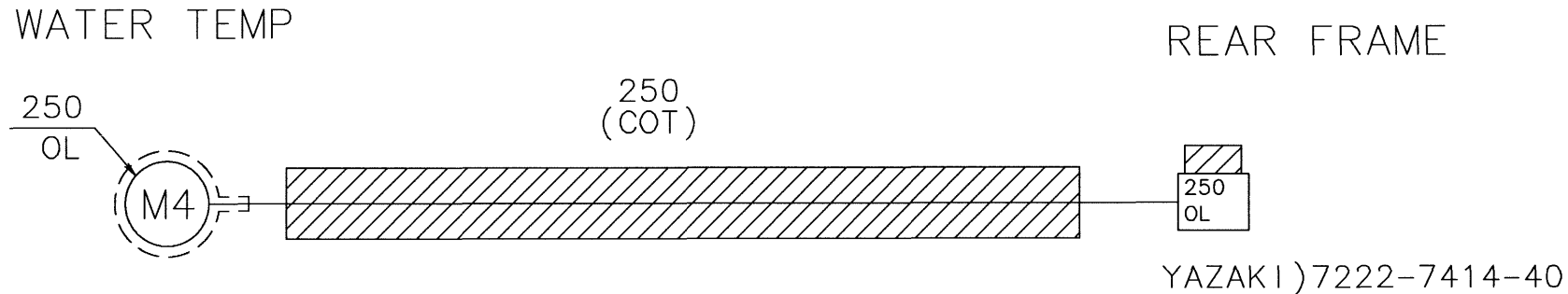
No.	SIZE	COLOR	TYPE	FROM	TO
228	5	R-W	AV	REAR FRAME	STARTER-B



NOTES)  
 SOLDER OR CRIMP TERMINAL.  
 TENSILE STRENGTH ; MORE THAN 10 Kg.  
 COVER HATCHING PART IN THE CORRUGATED TUBE.  
 COVER SOURCE LINE IN THE SPIRAL WITH THE VINYL TAPE.  
 THE SIZE SHOWS LENGTH FROM THE POINT OF TERMINAL TO THE POINT OF TERMINAL.  
 ARRANGEMENT OF TERMINAL SHOWS VIEW FROM THE OTHER COUPLER.  
 WHEN THE CONNECTOR LOCK PART IS BLANK, THE TERMINAL IS FEMALE.  
 AND, WHEN THE CONNECTOR LOCK PART IS SLASH, THE TERMINAL IS MALE.  
 COVER ALL JOINT OF CRIMP TERMINAL AND WIRE WITH BLACK VINYL TUBE 20mm IN LENGTH.  
 SOLDER AND THE CABLE MUST USE LEAD FREE.

# ZW180 WATER TEMPERATURE SENSOR HARNESS

No.	SIZE	COLOR	TYPE	FROM	TO
250	0.75	O-L	AVSS	REAR FRAME	WATER TEMP



- NOTES)
- SOLDER OR CRIMP TERMINAL.
  - TENSILE STRENGTH ; MORE THAN 10 Kg.
  - COVER HATCHING PART IN THE CORRUGATED TUBE.
  - COVER SOURCE LINE IN THE SPIRAL WITH THE VINYL TAPE.
  - ARRANGEMENT OF TERMINAL SHOWS VIEW FROM THE OTHER COUPLER.
  - WHEN THE CONNECTOR LOCK PART IS BLANK, THE TERMINAL IS FEMALE.
  - AND, WHEN THE CONNECTOR LOCK PART IS SLASH, THE TERMINAL IS MALE.
  - AVS CAN BE USED INSTEAD OF AVSS.
  - 0.85sq CAN BE USED INSTEAD OF 0.75sq.
  - SOLDER AND THE CABLE MUST USE LEAD FREE.
  - COVER ALL JOINT OF CRIMP TERMINAL AND WIRE WITH BLACK VINYL TUBE 20mm IN LENGTH.

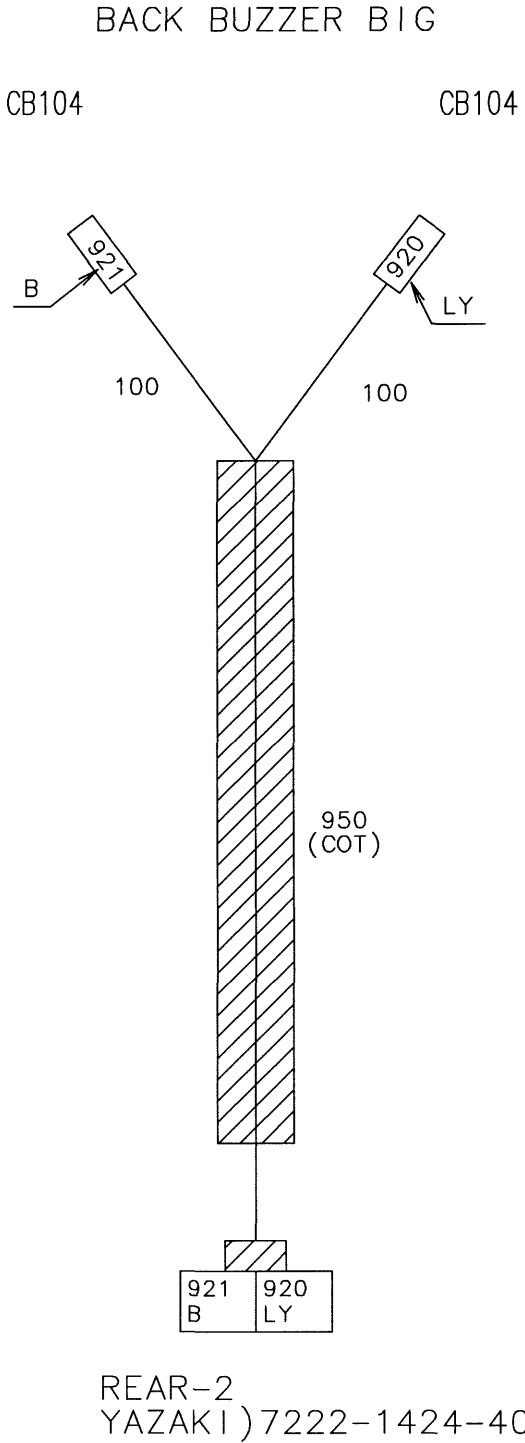


# ZW180 BACK BUZZER HARNESS

No.	SIZE	COLOR	TYPE	FROM	TO
920	0.75	L-Y	AVSS	REAR-2	BACK BUZZER BIG
921	0.75	B	AVSS	BACK BUZZER BIG	REAR-2

NOTES)

- COVER ALL CB-TERMINAL WITH WATERPROOF SLEEVE.
- COVER ALL CB-TERMINAL WITH TIN.
- SOLDER OR CRIMP TERMINAL.
- TENSILE STRENGTH ; MORE THAN 10 Kg.
- COVER HATCHING PART IN THE CORRUGATED TUBE.
- COVER SOURCE LINE IN THE SPIRAL WITH THE VINYL TAPE.
- BASICALLY, THE SIZE SHOWS LENGTH FROM THE POINT OF TERMINAL TO THE POINT OF TERMINAL.
- ARRANGEMENT OF TERMINAL SHOWS VIEW FROM THE OTHER COUPLER.
- WHEN THE CONNECTOR LOCK PART IS BLANK, THE TERMINAL IS FEMALE.
- AND, WHEN THE CONNECTOR LOCK PART IS SLASH, THE TERMINAL IS MALE.
- AVS CAN BE USED INSTEAD OF AVSS.
- 0.85sq CAN BE USED INSTEAD OF 0.75sq.
- SOLDER AND THE CABLE MUST USE LEAD FREE.





NOTE: Refer to the performance standard table in the Technical Manual for the set pressure of each relief valve.

# ZW180 HYDRAULIC CIRCUIT DIAGRAM

