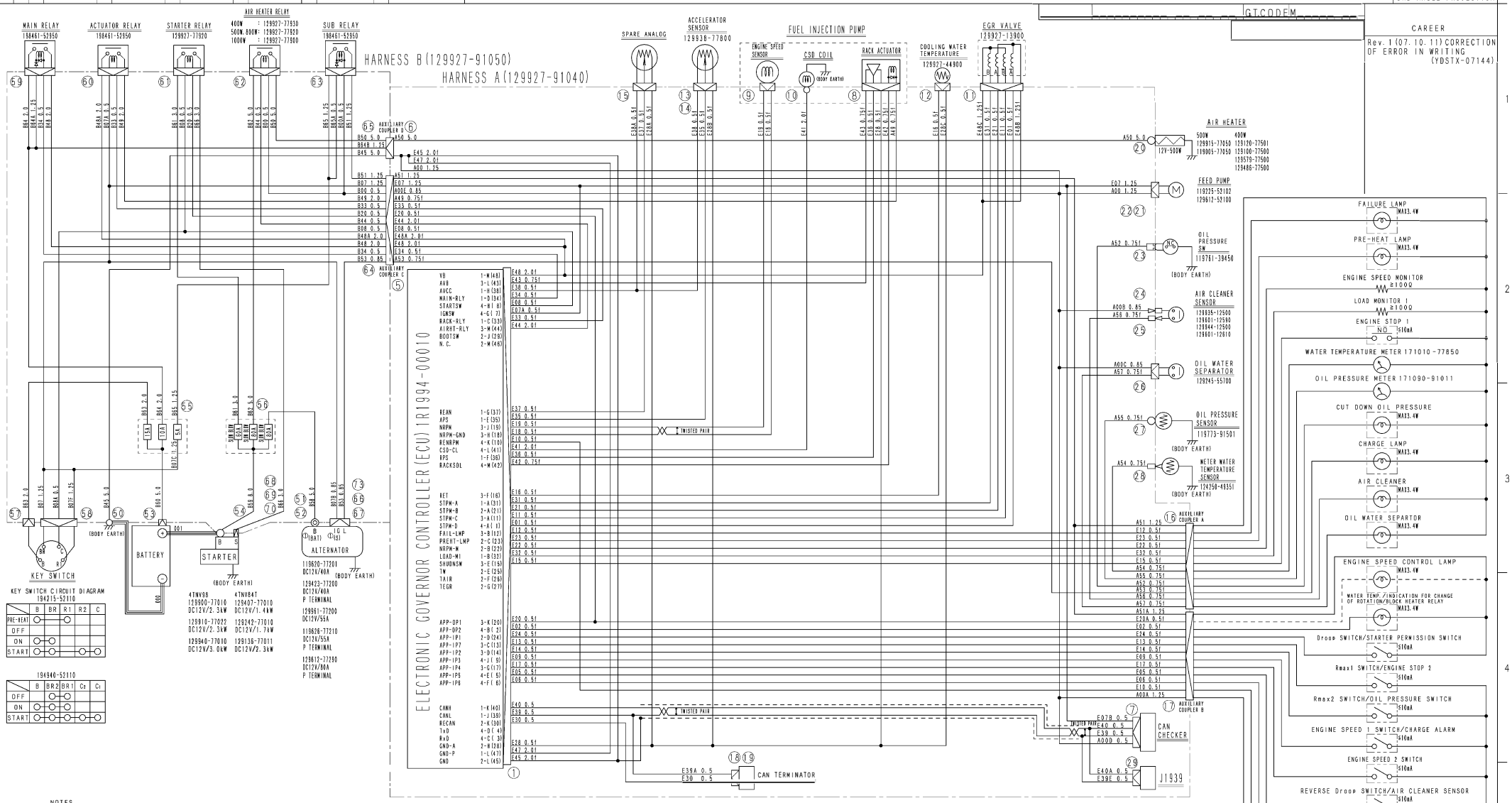


NOTES

1. WIRING OF STARTER MUST BE OBSERVED AS FOLLOWS.
1-1. TOTAL ELECTRIC RESISTANCE OF BATTERY CABLE(000+001) SHOULD BE LESS THAN 2/1000Ω.
(REFERENCE) AV15 : ≤1.4m, AV20 : ≤2.2m
AV30 : ≤3.8m, AV40 : ≤4.6m
1-2. TOTAL ELECTRIC RESISTANCE OF WIRING FOR STARTER(B59+B61+B66) SHOULD BE LESS THAN 5/1000Ω.
REFERENCE OF TERMINAL RESISTANCE:15/10000 PER COUPLER
00 PER SCREW SETTING
1-3. BATTERY EARTH CABLE(000) CONNECTION SHALL BE ENSURED. DO NOT PAINT ON SURFACE TO AVOID MISCONNECTION.
2. BATTERY TREATMENT MUST BE OBSERVED AS FOLLOWS. OTHERWISE IT MAY CAUSE BURNING OF ELECTRIC EQUIPMENTS OR COMPONENTS. ALTERNATOR(DIODES) BURNING CAUSED BY BATTERY CABLE CONNECTION REVERSELY IS NOT WARRANTIED.
2-1. BATTERY SHOULD BE FIXED BY FITTING. (NOT TO MOVE)
2-2. BATTERY CABLE LENGTH SHOULD BE ADJUSTED PROPERLY AND CLAMPED NOT TO BE CONNECTED REVERSELY.
2-3. NO LOOSE THE BATTERY CABLE TERMINAL AND NO SWITCH OFF THE BATTERY DURING THE ENGINE RUNNING.
3. ALTERNATOR TREATMENT MUST BE OBSERVED AS FOLLOWS.
3-1. ONLY THE SPECIFIED LOAD SHOULD BE APPLIED ON THE ALTERNATOR "L" AND "B" LINE.
IT IS NOT ALLOWED TO CONNECT ANY UNSPECIFIED LOAD WITHOUT YANMAR APPROVAL.
3-2. WHILE ROTATING ALTERNATOR, DO NOT REMOVE BATTERY LINE AND "B" LINE.
3-3. THE ELECTRIC RESISTANCE OF 'B' LINE CABEL(B58) SHOULD BE LESS THAN 5/1000. IF NECESSARY, IT SHOULD BE PROTECTED BY SLOW BLOW FUSE etc.
3-4. IG LINE OF ALTERNATOR (B07B) SHOULD BE SEPARATED ECU WIRING (B07, B07A, B07C) WHEN KEY OFF OR CONNECTED WITH DIODE.
4. ECU WIRING MUST BE OBSERVED AS FOLLOWS.
4-1. EARTH LINE(A00, E45, E47) SHOULD BE EARTHED AT ONE TERMINAL, AND DIRECTLY CONNECTED WITH BATTERY(-) TERMINAL OR BATTERY(-) LINE CABLE.
4-2. BATTERY CABLE (B60) SHOULD BE DIRECTLY CONNECTED WITH BATTERY (+) TERMINAL AND THE LENGTH OF WIRE SHOULD BE LESS THAN 4m.
4-3. TOTAL LENGTH OF WIRE OF ECU POWER SUPPLY(B64+B48+E48+E45) SHOULD BE LESS THAN 5m.
4-4. DO NOT SHARE ECU POWER SUPPLY(B64) WITH LARGE CURRENT EQUIPMENT SUCH AS STARTER AND AIR HEATER etc.
4-5. TOTAL LENGTH OF WIRE OF RACK ACTUATER (B64+B48+ (E48~E48A) +B48A+B49+A49+E42+E47) SHOULD BE LESS THAN 12m.
4-6. RACK ACTUATER RELAY(E48A) AND EGR VALVE (E48B, E48C) MUST BE JOINTED WITHIN 220mm FROM ECU CONNECTOR YB.
4-7. MAIN AND SUB RELAY COIL SHOULD BE INSERTED DIODE WHICH PROTECT REVERSING OPERATION FOR ECU PROTECTION OR USE SPECIFIED YANMAR RELAY(198461-52950).
4-8. ENGINE SPEED SENSOR(E18, E19) SHOULD BE TWISTED PAIR.CAN CHECKER (E39, E40) AND CAN(E39B, E40A) SHOULD BE TWISTED PAIR WITH SHIELD.
4-9. TOTAL LENGTH OF WIRE OF CAN TERMINATOR(E39A+E30) MUST BE LESS THAN 500mm. CAN TERMINAL COUPLER ⑱⑲CAN BE OMITTED.
4-10. POWER SUPPLY OF EXTERNAL LOAD WHICH IS CONNECTED WITH AUXILIARY COUPLER MUST BE SUPPLIED FROM SUB RELAY.
4-11. LAMP LOAD MUST BE LESS THAN 3.4W.
4-12. CONTACT CURRENT OF SWITCH WHICH IS CONNECTED WITH ECU MUST BE ABLE TO USE WITH LESS THAN 12V-10mA.
4-13. FAILURE LAMP OF AUXILIARY COUPLER ⑰ MUST BE CONNECTED.
4-14. DO NOT CONNECT OTHER LOADS WITH WATER TEMPERATURE SENSOR⑫.
4-15 WHEN CONNECTING OIL PRESSURE SWITCH(119761-39450) TO ECU, CONTACT CURRENT SHOULD BE MORE THAN 100mA BY LOWERING OF OIL PRESSURE LAMP etc. OR SELECT LOW CURRENT SPECIFICATION OIL PRESSURE SWITCH (OPTION).
4-16 DO NOT ADD ANY LOAD TO EACH ECU LINE BESIDES ONLY THE SPECIFIED LOAD. IT IS NOT ALLOWED TO CONNECT ANY UNSPECIFIED LOAD WITHOUT YANMAR APPROVAL.
5. TOTAL LENGTH OF STARTING AIDS WIRING (B59+B62+B50+A50) AND SHOULD BE LESS THAN 6m.
6. KEY SWITCH MUST NOT BE OPENED CIRCUIT OF "B-BR" BETWEEN ON AND START POSITION.
7. GENERAL
7-1. THE SPECIFIED CROSS SECTION AREA OF ELECTRIC CONDUCTOR AND THE CAPACITY OF FUSE MUST BE OBSERVED.
7-2. ELECTRIC WIRE SHOULD BE SELECTED KIND OF WIRE TO COMPLY USING AMBIENT TEMPERATURE ENVIRONMENT.
7-3. WHEN FITTING CONNECTOR, BE CAREFUL NOT TO LET WATER INTO COUPLER.
7-4. HARNESS SHOULD BE CLAMPED TO PROPER AREA WITHOUT DEFLECTION BY VIBRATION.
7-5. CLAMP OF HARNESS SHOULD HAVE ENOUGH SPACE TO AVOID STRETCHING WIRE.
7-6. JOINT PART MUST BE WATERPROOF(USE JOINT COUPLER AND BUTYL TAPE).
7-7. CHECK ANY SURGE CURRENT OR VOLTAGE OCCURED UNDER NORMAL OPERATIONS AND EXPECTIVE ERRONEOUS OPERATIONS, AND CONFIRM THE CIRCUIT NO SURGE OCCURS.
7-8. CHECK ANY MOMENTARY POWER CUT(MORE THAN 1ms) OCCURED UNDER NORMAL OPERATIONS AND EXPECTIVE ERRONEOUS OPERATIONS.
7-9. YANMAR PARTS WHICH ARE DESCRIBED IN THIS DRAWING CAN BE SUPPLIED FROM YANMAR.

WEIGHT (RAW)		(±) %	HYDRAULIC TEST	MPa (kg/cm²)	G. MANAGER	MANAGER
WEIGHT		(±) %	PNEUMATIC TEST	MPa (kg/cm²)		
			MODEL	4TNV 98 -E	4TNV 98 -Z	98T -Z	84T -Z	SCALE	
CHECKED	SPECIALIST		QTY.	1	1	1	1	MATERIAL	
DESIGNED	DRAWN	DATE	NAME	WIRING DIAGRAM(ECO (1/3)					
DIGGERKING			CODE	Rev. 1	A1 (D)				

3RD ANGLE PROJECTION

GTCODEM

CAREER

Rev. 1 (07. 10. 11) CORRECTION OF ERROR IN WRITING (YDSTX-07144)

Conform to the Yanmar standard YIS Y-0001 concerning "Use limitation of the environmental burden material" for the use of the environmental burden material of this part.

NO.	KIND OF WIRE	CROSS SECTION (mm²)	WIRE COLOR	CIRCUIT MARK	TERMINAL NO.	CIRCUIT MARK	TERMINAL NO.	CIRCUIT MATING TYP.	REMARKS
001	AVS	1.25	B	A00		A00	21		JOINT E45 IN D
002	CAVS	1.25	B			A00A		17	
003	AVS	0.85	B			A00B		24	
004	AVS	0.85	B			A00C		26	
005	CAVS	0.5	B			A00D		7	
006	CAVS	0.85	B			A00E		5	JOINT E45
007	AVS	1.25	B			A00F		22	
008	AVSSX	0.5f	YG	E01		E01	1	17	
009	AVSSX	0.5f	BrY	E02		E02	1	17	
010	AVSSX	0.5f	GY	E05		E05	1	17	
011	AVSSX	0.5f	GB	E06		E06	1	17	
012	CAVS	1.25	RG	E07		E07	5	21	
013	AVSSX	0.5f	RG			E07A		1	
014	CAVS	0.5	RG			E07B		7	
015	CAVS	1.25	RG			E07C		22	
016	AVSSX	0.5f	G	E08		E08	1	5	
017	AVSSX	0.5f	GB	E09		E09	1	17	
018	AVSSX	0.5f	LY	E10		E10	1	17	
019	AVSSX	0.5f	YL	E11		E11	1	17	
020	AVSSX	0.5f	BrB	E12		E12	1	16	
021	AVSSX	0.5f	L	E13		E13	1	17	
022	AVSSX	0.5f	GR	E14		E14	1	17	
023	AVSSX	0.5f	LG	E15		E15	1	16	
024	AVSSX	0.5f	LB	E16		E16 GOLD	1	12	
025	AVSSX	0.5f	GL	E17		E17	1	17	
026	AVSSX	0.5f	LG	E18		E18 GOLD	1	9	E19 TWISTED PAIR
027	AVSSX	0.5f	LR	E19		E19 GOLD	1	9	E18 TWISTED PAIR
028	AVSSX	0.5f	YB	E20		E20	1	5	
029	AVSSX	0.5f	YB			E20A		17	
030	AVSSX	0.5f	YR	E21		E21	1	11	
031	AVSSX	0.5f	OB	E22		E22	1	16	
032	AVSSX	0.5f	LB	E23		E23	1	16	
033	AVSSX	0.5f	G	E24		E24	1	17	
034	AVSSX	0.5f	BR	E26		E28 GOLD	1	8	
035	AVSSX	0.5f	BR			E28A		15	
036	AVSSX	0.5f	BR			E28B GOLD		13	
037	AVSSX	0.5f	BR			E28C GOLD		12	
038	AVSSX	0.5f	BR			E28D		14	
039	AVSS	0.5	WB	E30		E30	1	18	
040	AVSSX	0.5f	Y	E31		E31	1	11	
041	AVSSX	0.5f	LR	E32		E32	1	16	
042	AVSSX	0.5f	BrB	E33		E33	1	5	
043	AVSSX	0.5f	BrY	E34		E34	1	5	
044	AVSSX	0.5f	PL	E35		E35 GOLD	1	13	
045	AVSSX	0.5f	PL			E35A		14	
046	AVSSX	0.5f	PG	E36		E36 GOLD	1	8	
047	AVSSX	0.5f	PB	E37		E37	1	15	
048	AVSSX	0.5f	RY	E38		E38 GOLD	1	13	
049	AVSSX	0.5f	RY			E38A		15	
050	AVSSX	0.5f	RY			E38B		14	
051	CAVS	0.5	B			E39		7	SHIELD WITH E40
052	AVSS	0.5	B			E39A		18	JOINT E39
053	CAVS	0.5	B			E39B		1	JOINT E39
054	DOREN	0.5	SI			E39C			JOINT E39D
055	CAVS	0.5	BW			E39D			JOINT E45
056	CAVS	0.5	B			E39E		29	JOINT E39 IN E
057	CAVS	0.5	W	E40		E40	1	7	SHIELD WITH E39
058	CAVS	0.5	W			E40A		29	JOINT F
059	AVSS	2.0f	BW	E41		E41 GOLD	1	10	
060	AVSSX	0.75f	YB	E42		E42 GOLD	1	8	
061	AVSSX	0.75f	RL	E43		E43 GOLD	1	8	
062	AVSSX	2.0f	Br	E44		E44	1	5	
063	AVSSX	2.0f	BW	E45		E45 GOLD	1	6	
064	AVSSX	2.0f	BL	E47		E47	1	6	JOINT E45 IN C
065	AVSSX	2.0f	RB	E48		E48	1	5	
066	AVSSX	2.0f	RB			E48A		5	JOINT A
067	AVSSX	1.25f	RB			E48B		11	JOINT B
068	AVSSX	1.25f	RB			E48C		11	JOINT B
069	AVSSX	0.75f	R	A49		A49 GOLD	5	8	
070	AVS	5.0	Y	A50	50A	A50	6	20	
071	CAVS	1.25	WB	A51		A51	5	16	
072	CAVS	1.25	WB			A51A		17	
073	AVSSX	0.75f	YB	A52		A52	16	23	
074	AVSSX	0.75f	Y	A53		A53	16	5	
075	AVSSX	0.75f	YG	A54		A54	16	28	
076	AVSSX	0.75f	YB	A55		A55	16	27	
077	AVSSX	0.75f	YL	A56		A56	16	25	
078	AVSSX	0.75f	YR	A57		A57	16	26	
079	AVSS	0.5	RW	J00		J00	19	19	

2G ECO GOVERNOR CONTROLLER
HOUSING:PPI 0001498(FCI)
COVER :PPI 0001524(FCI)
THE DIRECTION OF TAKING OUT THE HARNESS IS SHOWN IN FIGURE.

CAN TERMINATOR (JUMPER)
HOUSING :6181-0070
RETAINER:6918-0323
(SUMITOMO DENSO)

CAN TERMINATOR
HOUSING :6189-0129
RETAINER:6918-0322
(SUMITOMO DENSO)

AUXILIARY COUPLER C
DT04-12PC-CE07(DEUTSCH)
MATE WITH:DT06-12SC-CE05(DEUTSCH)

AUXILIARY COUPLER D
1-353046-3
(AMP)

FUEL FEED PUMP
7123-6423-30
(YAZAKI)

FUEL FEED PUMP
7323-2128 COMPATIBLE
(YAZAKI)

OIL WATER SEPARATOR
7129-3023
(YAZAKI)

EGR STEP MOTOR
6195-0021 COMPATIBLE
(SUMITOMO DENSO)

WATER TEMPERATURE SENSOR
HOUSING :178390-2
RECEPTACLE CONTACT:171662-5
RUBBER PLUG :172888-2
(AMP)

METER WATAR TEMPERATURE SENSOR
CB104

AIR CLEANER SENSOR
CB104 CA104

AIR HEATER
LA306
TERMINAL COVER:
7034-1279
(YAZAKI)

OIL PRESSURE SENSOR
LA105
TERMINAL COVER:
7034-1274
(YAZAKI)

OIL PRESSURE SW.
7116-5110
(YAZAKI)

CSD
7323-7414-40
(YAZAKI)

RACK ACTUATOR
7283-8850-30
(YAZAKI)

REVOLUTION SENSOR
HOUSING :6189-0552
RETAINER:6918-1260
(SUMITOMO DENSO)

ACCELERATOR SENSOR
HOUSING :6181-0071
RETAINER:6918-0325
(SUMITOMO DENSO)

ACCELERATOR SENSOR
HOUSING :6189-0130
RETAINER:6918-0324
(SUMITOMO DENSO)

ACCLERATOR SENSOR
HOUSING :6189-0780
RETAINER:6920-0080
(SUMITOMO DENSO)

SPARE ANALOG
174357-2
(AMP)

SPARE ANALOG
174359
(AMP)

AUXILIARY COUPLER A
DT06-12SA-CE05(DEUTSCH)

AUXILIARY COUPLER B
DT06-12SB-CE05(DEUTSCH)

DT04-12PA-CE07(DEUTSCH)

DT04-12PB-CE07(DEUTSCH)

CAN CHECKER COMMUNICATION
DTM06-06S-E007
(DEUTSCH)

DTM04-06P-E003
(DEUTSCH)

J1939
DT04-3P-E008
(DEUTSCH)

DT06-3S-E008
(DEUTSCH)

NOTES)
1) INSIDE OF CORRUGATED TUBE SHOULD BE ROUGHLY COILED BY HEAT RESISTANT VINYL TAPE.
2) CORRUGATED TUBE END SHOULD BE COILED BY HEAT RESISTANT VINYL TAPE.
3) CORRUGATED TUBE SHOULD BE COILED BY HEAT RESITTING VINYL TAPE. PITCH FROM 100mm TO 150mm.
4) CORRUGATED TUBE AND VINYL TUBE SHOULD BE USED MINIMUM SIZE WHICH FITTED IN WIRE DIAMETER.
5) UNSPECIFIED TAPE, CORRUGATED TUBE AND VINYL TUBE SHOULD BE LESS THAN 35mm FROM REAR END OF COUPLER.
6) JOINT PART MUST BE WATERPROOF.
7) THE LENGTH OF WIRE OF J00(JUMPER WIRE) SHOULD BE 100mm.
8) THE SEALING OF WATERPROOF CONNECTOR SHOULD BE COMPLIED DIAMETER OF ELECTRIC WIRE.
9) INDICATED JOINT LOCATION(IN DRAWING A~F) MUST BE OBSERVED IT.
10) ELECTRIC CIRCUIT AND CONNECTED PARTS ARE SHOWN IN E3-29927-0041(1/3).
11) HARNESS SHOULD BE CLAMPED TO PROPER AREA WITHOUT DEFLECTION BY VIBRATION.
12) CLAMP OF HARNESS SHOULD HAVE ENOUGH SPACE TO AVOID STRETCHING WIRE.
13) WHEN FITTING CONNECTOR, BE CAREFUL NOT TO LET WATER INTO COUPLER.
14) ALL CONNECTORS ARE VIEWED FROM FITTING SIDE.
15) MEASUREMENTS ARE SHOWN IN THE DRAWING. CONNECTORS ARE BACK END OF CONNECTORS, TERMINALS ARE EDGE OF TERMINAL AND ROUND TERMINAL IS FROM CENTER OF HOLE.

Conform to the Yanmar standard YIS Y-0001 concerning "Use limitation of the environmental burden material" for the use of the environmental burden material of this part.

3RD ANGLE PROJECTION

GT.CODEM

CAREER

Rev. 1 (07. 10. 11) CORRECTION OF ERROR IN WRITING (YDSTX-07144)

WEIGHT (RAW)	(± %)	HYDRAULIC TEST	MPa (kg/cm²)
WEIGHT	(± %)	PNEUMATIC TEST	MPa (kg/cm²)
	SEC. MANAGER	MODEL	4TNV 98 -E / 4TNV 98 -Z / 98T -Z / 84T -Z
CHECKED	SPECIALIST	QTY.	1 / 1 / 1 / 1
DESIGNED	DRAWN / DATE	NAME	HARNESS (2G ECO-ECU (2/3)
		SCALE	
		MATERIAL	
		CODE	Rev. 1

G. MANAGER | MANAGER

DIGGERKING

A1 (D)

3RD ANGLE PROJECTION

G.T.CODE M

CAREER

Rev. 1 (07. 10. 11) CORRECTION OF ERROR IN WRITING (YDSTX-07144)

NO.	KIND OF WIRE	NOMINAL CROSS SECTION (mm²)	WIRE COLOR	CIRCUIT MARK	TERMINAL NO.	CIRCUIT MARK	TERMINAL NO.	CIRCUIT MATING	CIRCUIT TIP	REMARKS
001	AVSS	0.5	B	B00		B00	64	62		
002	AVS	0.5	B			B00A		63		
003	AVS	1.25	R	B07		B07	56	64		
004	AVS	0.5	R			B07A		60		
005	AVS	0.85	R			B07B		66		
006	AVS	1.25	R			B07C		55		
007	AVS	0.85	R			B07D		57		
008	AVS	0.85	R			B07E		73		
009	AVS	1.25	R			B07F		58		
010	AVSS	0.5	G	B08		B08	64	61		
011	AVS	0.5	G			B08A		58		
012	AVSS	0.5	YB	B20		B20	64	61		
013	AVSS	0.5	BrB	B33		B33	64	60		
014	AVSS	0.5	BrY	B34		B34	64	59		
015	AVSS	0.5	Br	B44		B44	64	62		
016	AVS	5.0	B	B45	GOLD	B45	65	50		
017	AVSS	2.0	RB	B48		B48	64	59		
018	AVSS	2.0	RB	B48A		B48A	64	60		DO NOT JOINT TO B48
019	AVSS	2.0	YR	B49		B49	64	60		
020	AVS	5.0	Y	B50	GOLD	B50	65	62		
021	AVS	1.25	WB	B51		B51	64	63		
022	AVS	0.85	Y	B53		B53	64	66		
023	AVS	0.85	Y			B53A		67		
024	AVS	0.85	Y			B53B		73		
025	AVS	5.0	WR	B58		B58	56	52		
026	AVS	5.0	WR			B58A		51		
027	AV	8.0	W	B59		B59	54	56		
028	AVS	5.0	R	B60		B60	53	55		
029	AVS	3.0	BrY	B61		B61	56	61		
030	AVS	5.0	BrW	B62		B62	56	62		
031	AVS	2.0	RG	B63		B63	55	57		
032	AVS	2.0	RY	B64		B64	55	59		
033	AVS	1.25	RY			B64A		59		
034	AVS	1.25	RY			B64B	GOLD	65		
035	AVS	1.25	RG	B65		B65	55	63		
036	AVS	0.5	RG			B65A		63		
037	AVS	3.0	W	B66		B66	61	66		
038	AVS	3.0	W			B66A		69		
039	AVS	3.0	W			B66B		70		
040	AVS	0.85	LY	B67		B67	71	67		
041	AVS	0.85	LY			B67A		72		

STARTER S
7116-3060
(6411-1317)
+
(7160-7787)
(YAZAKI)

STARTER S
7116-2033
CAP:7120-3012
(YAZAKI)

STARTER S
LA204
TERMINAL COVER:
7034-1273
(YAZAKI)

STARTER B
LA308
TERMINAL COVER:
7034-1280
(YAZAKI)

ALTERNATOR B
LA308
TERMINAL COVER:
7034-1280
(YAZAKI)

ALTERNATOR B
LA306
TERMINAL COVER:
7034-1278
(YAZAKI)

WRAP THE TAPE TO DISCONNECT THE POINT PART.

BATTERY CABLE (+)
LA308

BATTERY CABLE (-)
LA308

AUXILIARY COUPLER C
DT06-12SC-CE05
(DEUTSCH)

B49 YR	B53 Y	B07 R	B20 YB	B34 BrY	B44 Br
B51 WB	B00 B	B08 G	B33 BrB	B48A RB	B48 RB

AUXILIARY COUPLER D
1-179958-3
(AMP)

B50 Y	B64B RY	B45 B

SLOW BLOW FUSE
FUSE BOX:7257-7530
M5 BOLT:7150-1092
M6 BOLT:7150-1093
(YAZAKI)

KEY SWITCH
7123-3010 COMPATIBLE
(YAZAKI)

KEY SWITCH
7122-2446 COMPATIBLE
(YAZAKI)

ALTERNATOR
P TERMINAL
CB104

MAIN RELAY
6020-6161 COMPATIBLE
(SUMITOMO DENSO)

ACTUATOR RELAY
6020-6161 COMPATIBLE
(SUMITOMO DENSO)

STARTER RELAY
7223-6146-30
(YAZAKI)

FUSE BOX :7124-8740
COVER :7124-8741
CHAIN TERMINAL:7126-8634
REMOVING TOOL :7147-9576
(YAZAKI)

COVER SIDE VIEW

ALTERNATOR
6189-0442
(SUMITOMO DENSO)

ALTERNATOR
7323-2024
(YAZAKI)

ALTERNATOR
7323-6224-40
(YAZAKI)

ALTERNATOR
P TERMINAL
7122-6010
(YAZAKI)

AIR HEATER RELAY
7223-6146-30
(YAZAKI)

SUB RELAY
6020-6161 COMPATIBLE
(SUMITOMO DENSO)

NAME PLATE

NOTES)
1) CORRUGATED TUBE END SHOULD BE COILED BY HEAT RESISTANT VINYL TAPE.
2) CORRUGATED TUBE SHOULD BE COILED BY HEAT RESITING VINYL TAPE PITCH FROM 100mm TO 150mm.
3) CORRUGATED TUBE AND VINYL TUBE SHOULD BE USED MINIMUM SIZE WHICH FITTED IN WIRE DIAMETER.
4) UNSPECIFIED TAPE WRAPPING, CORRUGATED TUBE AND VINYL TUBE SHOULD BE LESS THAN 35mm FROM REAR END COUPLER.
5) THE SEALING OF WATERPROOF CONNECTOR SHOULD BE COMPLIED DIAMETER OF ELECTRIC WIRE.
6) ELECTRIC CIRCUIT AND CONNECTED PARTS ARE SHOWN IN E3-29927-0041(1/3).
7) HARNESS SHOULD BE CLAMPED TO PROPER AREA WITHOUT DEFLECTION BY VIBRATION.
8) CLAMP OF HARNESS SHOULD HAVE ENOUGH SPACE TO AVOID STRETCHING WIRE.
9) WHEN FITTING CONNECTOR, BE CAREFUL NOT TO LET WATER INTO COUPLER.
10) ALL CONNECTORS ARE VIEWED FROM FITTING SIDE.
11) MEASUREMENTS ARE SHOWN IN THE DRAWING, CONNECTORS ARE BACK END OF CONNECTORS, TERMINALS ARE EDGE OF TERMINAL AND ROUND TERMINAL IS FROM CENTER OF HOLE.

Confirm to the Yazaki standard XIS Y-0001 concerning "Use limitation of the environmental burden material" for the use of the environmental burden material of this part.

WEIGHT (RAW)	(± %)	HYDRAULIC TEST	MPa (kg/cm²)	G. MANAGER	MANAGER
WEIGHT	(± %)	PNEUMATIC TEST	MPa (kg/cm²)		
	SEC. MANAGER	MODEL	4TNV 98 -E / 4TNV 98 -T / 4TNV 98T -T / 4TNV 84T -T	SCALE	
CHECKED	SPECIALIST	QTY.	1 / 1 / 1 / 1	MATERIAL	
DESIGNED	DRAWN DATE	NAME	HARNESS (ECU-POWER (3/3)		
DIGGERKING		CODE	Rev. 1	A1 (D)	