KOBELCO

PARTS MANUAL

HYDRAULIC EXCAVATOR

ED180

Applicable: ED180 YLU0001~

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INSTRUMENT PANEL HARNESS ASSEMBLY

24100J20922F1

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65A	VG	AVSS0.75sq	CN-341F	———	CN-326F	J/C-ORANGE 1 — FOR CHECK
65B	VG	AVSS0.75sq	CN-341F	———	CN-6F	J/C-ORANGE 1 — CONTROLLER (SPEC)
65C	VG	AVSS0.75sq	CN-341F	———	CN-4F	J/C-ORANGE 1 — CONTROLLER (CLUSTER GAUGE)
66	PL	AVSS0.75sq	CN-7F	———	CN-3F	CONTROLLER (SPEC) — CONTROLLER (CLUSTER GAUGE)
67	PG	AVSS0.75sq	CN-7F	———	CN-5F	CONTROLLER (SPEC) — CONTROLLER (CLUSTER GAUGE)
68	YB	AVSS0.75sq	CN-7F	———	CN-201F	CONTROLLER (SPEC) — HOLE&NOSE SWITCH
69	YL	AVSS0.75sq	CN-322F	———	CN-201F	FUSE BOX — HOLE&NOSE SWITCH
70	GrB	AVSS0.75sq	CN-312M	———	CN-201F	SIDE R — HOLE&NOSE SWITCH
71	YG	AVSS0.75sq	CN-312M	———	CN-201F	SIDE R — HOLE&NOSE SWITCH
72	BW	AVSS0.75sq	CN-308F	———	CN-201F	RESISTOR — HOLE&NOSE SWITCH
73	BY	AVSS0.75sq	CN-322F	———	CN-545F	FUSE BOX — RESERVED
74	BP	AVSS0.75sq	CN-7F	———	CN-545F	CONTROLLER (SPEC) — RESERVED
75	YG	AVSS0.75sq	CN-322F	———	CN-7F	FUSE BOX — CONTROLLER (SPEC)
76	BG	AVSS0.75sq	CN-322F	———	CN-7F	FUSE BOX — CONTROLLER (SPEC)
81	PB	AVSS0.75sq	CN-4F	———	CN-302M	CONTROLLER (CLUSTER GAUGE) — INST PANEL L/H
82A	GB	AVSS0.75sq	CN-318F	———	CN-5F	10PWP-2/B — CONTROLLER (CLUSTER GAUGE)
82B	GB	AVSS0.75sq	CN-319F	———	CN-6F	10PWP-2/B — CONTROLLER (SPEC)
82C	GB	AVSS0.75sq	CN-320F	———	CN-309M	10PWP-2/B — SIDE L
83	RG	AVSS0.75sq	CN-3F	———	CN-309M	CONTROLLER (CLUSTER GAUGE) — SIDE L
84	YB	AVSS0.75sq	CN-3F	———	CN-309M	CONTROLLER (CLUSTER GAUGE) — SIDE L
85	YL	AVSS0.75sq	CN-3F	———	CN-309M	CONTROLLER (CLUSTER GAUGE) — SIDE L
86	GY	AVSS0.75sq	CN-3F	———	CN-312M	CONTROLLER (CLUSTER GAUGE) — SIDE R
87	YR	AVSS0.75sq	CN-4F	———	CN-309M	CONTROLLER (CLUSTER GAUGE) — SIDE L
88	YW	AVS0.85sq	CN-4F	———	CN-312M	CONTROLLER (CLUSTER GAUGE) — SIDE R
89	YO	AVS0.85sq	CN-4F	———	CN-312M	CONTROLLER (CLUSTER GAUGE) — SIDE R
90A	RW	AVSS0.75sq	CN-314F	———	CN-338F	15PWP-2/B — TAIL SPEED TRAVEL RELAY
90B	RW	AVSS0.75sq	CN-315F	———	CN-5F	15PWP-2/B — CONTROLLER (CLUSTER GAUGE)
90C	RW	AVSS0.75sq	CN-316F	———	CN-313M	15PWP-2/B — UNDER THE FLOOR
94A	RY	AVSS0.75sq	CN-314F	———	CN-4F	15PWP-2/B — CONTROLLER (CLUSTER GAUGE)
94B	RY	AVSS0.75sq	CN-315F	———	CN-307F	15PWP-2/B — RELAY ASSY
94C	RY	AVSS0.75sq	CN-316F	———	CN-301F	15PWP-2/B — SIDE R
95	O	AVSS0.75sq	CN-4F	———	CN-312M	CONTROLLER (CLUSTER GAUGE) — SIDE R
102C	G	AVSS0.75sq	CN-303M	———	CN-313M	INST PANEL L/H — UNDER THE FLOOR
103A	Lg	AVSS0.75sq	CN-314F	———	CN-313M	15PWP-2/B — UNDER THE FLOOR
103B	Lg	AVSS0.75sq	CN-315F	———	CN-303M	15PWP-2/B — INST PANEL L/H
103C	Lg	AVSS0.75sq	CN-316F	———	CN-337F	15PWP-2/B — DIODE
104	LgR	AVSS0.75sq	CN-302M	———	CN-1F	INST PANEL L/H — FLASHER UNIT
105A	BrY	AVSS0.75sq	CN-314F	———	CN-1F	15PWP-2/B — FLASHER UNIT
105B	BrY	AVSS0.75sq	CN-315F	———	CN-309M	15PWP-2/B — SIDE L
105C	BrY	AVSS0.75sq	CN-316F	———	CN-301F	15PWP-2/B — SIDE R
106A	BrR	AVSS0.75sq	CN-318F	———	CN-1F	10PWP-2/B — FLASHER UNIT
106B	BrR	AVSS0.75sq	CN-319F	———	CN-309M	10PWP-2/B — SIDE L
106C	BrR	AVSS0.75sq	CN-320F	———	CN-301F	10PWP-2/B — SIDE R
107A	VW	AVSS0.75sq	CN-331F	———	CN-302M	HORN LIGHT RELAY(OPT) — INST PANEL L/H
108A	VR	AVSS0.75sq	CN-318F	———	CN-331F	10PWP-2/B — HORN LIGHT RELAY(OPT)
108B	VR	AVSS0.75sq	CN-319F	———	CN-301F	10PWP-2/B — SIDE R
108C	VR	AVSS0.75sq	CN-320F	———	CN-306F	10PWP-2/B — TO CAB
109A	BL	AVSS0.75sq	CN-318F	———	CN-302M	10PWP-2/B — INST PANEL L/H
109B	BL	AVSS0.75sq	CN-319F	———	CN-307F	10PWP-2/B — RELAY ASSY
109C	BL	AVSS0.75sq	CN-320F	———	CN-307F	10PWP-2/B — RELAY ASSY
110A	Gr	AVSS0.75sq	CN-318F	———	CN-302M	10PWP-2/B — INST PANEL L/H
110B	Gr	AVSS0.75sq	CN-319F	———	CN-301F	10PWP-2/B — SIDE R
110C	Gr	AVSS0.75sq	CN-320F	———	CN-309M	10PWP-2/B — SIDE L
111A	RB	AVSS0.75sq	CN-314F	———	CN-307F	15PWP-2/B — RELAY ASSY
111B	RB	AVSS0.75sq	CN-315F	———	CN-301F	15PWP-2/B — SIDE R
111C	RB	AVSS0.75sq	CN-316F	———	CN-313M	15PWP-2/B — UNDER THE FLOOR
112A	LY	AVSS0.75sq	CN-301F	———	CN-307F	SIDE R — RELAY ASSY

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113	PG	AVSS0.75sq	CN-302M	———	CN-307F	INST PANEL L/H — RELAY ASSY
114	BrR	AVSS0.75sq	CN-302M	———	CN-325F	INST PANEL L/H — INTERNET RELAY
115	Br	AVSS0.75sq	CN-302M	———	CN-325F	INST PANEL L/H — INTERNET RELAY
116	LgB	AVSS0.75sq	CN-302M	———	CN-313M	INST PANEL L/H — UNDER THE FLOOR
117	BrW	AVSS0.75sq	CN-306F	———	CN-325F	TO CAB — INTERNET RELAY
118	BrB	AVSS0.75sq	CN-305F	———	CN-325F	TO CAB — INTERNET RELAY
119	O	AVSS0.75sq	CN-302M	———	CN-338F	INST PANEL L/H — TIME RELAY (TRAVEL ALARM)
120A	VY	AVSS0.75sq	CN-314F	———	CN-314F	15PWP-2/B — 15PWP-2/B
120D	VY	AVSS0.75sq	CN-315F	———	CN-312M	15PWP-2/B — SIDE R
120E	VY	AVSS0.75sq	CN-316F	———	CN-337F	15PWP-2/B — DIODE
120F	VY	AVSS0.75sq	CN-317F	———	CN-557F	15PWP-2/B — DIODE
120G	VY	AVSS0.75sq	CN-315F	———	CN-4F	15PWP-2/B — CONTROLLER (CLUSTER GAUGE)
120H	VY	AVSS0.75sq	CN-316F	———	CN-309M	15PWP-2/B — INST PANEL L/H
126	WL	AVSS0.75sq	CN-302M	———	CN-339F	INST PANEL L/H — TIME RELAY (TRAVEL ALARM)
127A	LR	AVSS0.75sq	CN-318F	———	CN-339F	10PWP-2/B — TIME RELAY (TRAVEL ALARM)
127B	LR	AVSS0.75sq	CN-319F	———	CN-313M	10PWP-2/B — UNDER THE FLOOR
127C	LR	AVSS0.75sq	CN-320F	———	CN-312M	10PWP-2/B — SIDE R
128	BG	AVSS0.75sq	CN-312M	———	CN-339F	SIDE R — TIME RELAY (TRAVEL ALARM)
130A	OB	AVSS0.75sq	CN-350F	———	CN-309M	TO CAB (WORK LIGHT) — INST PANEL L/H
132	YV	AVSS0.1.25sq	CN-302M	———	CN-506F	INST PANEL L/H — J/C-ORANGE 2
132C	YV	AVSS0.75sq	CN-312M	———	CN-506F	SIDE RIGHT HARNESS — J/C-ORANGE 2
132D	YV	AVSS1.25sq	CN-541F	———	CN-506F	AUX S.V. HARNESS — J/C-ORANGE 2
132E	YV	AVSS0.75sq	CN-508M	———	CN-506F	AUX S.V. — J/C-ORANGE 2
134A	VG	AVSS0.75sq	CN-303M	DOUBLE SPLICE	CN-342F	INST PANEL L/H — WORK UP RELAY
134B	VG	AVSS0.75sq	CN-313M		CN-342F	UNDER THE FLOOR — WORK UP RELAY
135	BrG	AVSS0.75sq	CN-1F	———	CN-5F	FLASHER UNIT — CONTROLLER (CLUSTER GAUGE)
136	BW	AVSS0.75sq	CN-342F	———	CN-345F	WORK UP RELAY — WORK UP RELAY UNIT
137	WG	AVSS0.75sq	CN-304M	———	CN-343F	INST PANEL L/H — WORK UP RELAY
138A	RG	AVSS0.75sq	CN-304M	DOUBLE SPLICE	CN-342F	INST PANEL L/H — WORK UP RELAY
138B	RG	AVSS0.75sq	CN-313M		CN-342F	UNDER THE FLOOR — WORK UP RELAY
139	YG	AVSS0.75sq	CN-301F	———	CN-343F	INST PANEL L/H — WORK UP RELAY
140	BW	AVSS1.25sq	CN-504M	———	CN-509F	DIODE FH SWITCH — J/C-ORANGE 2
140J	BW	AVSS1.25sq	CN-501F	———	CN-509F	J/C-GRAY 3 — J/C-ORANGE 2
140C	BW	AVSS0.75sq	CN-508M	———	CN-509F	POWER TO FLOOR CANCEL SWITCH — J/C-ORANGE 2
140D	BW	AVSS0.75sq	CN-312M	———	CN-506F	POWER TO DIODE S.V. — J/C-ORANGE 2
140G	BW	AVSS0.75sq	CN-503F	———	CN-501F	ENABLE LEFT RELAY POWER — J/C-GRAY 3
140H	BW	AVSS0.75sq	CN-502F	———	CN-501F	ENABLE RIGHT RELAY POWER — J/C-GRAY 3
140I	BW	AVSS0.75sq	CN-504F	———	CN-501F	FLOAT RELAY CANCEL — J/C-GRAY 3
141	LW	AVSS0.5sq	CN-304M	———	CN-503F	INST PANEL L/H — DIODE ANGLE LEFT RELAY COIL
142	RW	AVSS0.5sq	CN-304M	———	CN-502F	INST PANEL L/H — DIODE ANGLE RIGHT RELAY COIL
143	OW	AVSS0.5sq	CN-304M	———	CN-506F	INST PANEL L/H — J/C-ORANGE 2
143A	OW	AVSS0.5sq	CN-522F	———	CN-506F	FLOAT LATCH — J/C-ORANGE 2
143B	OW	AVSS0.5sq	CN-504F	———	CN-506F	FLOAT RELAY COIL — J/C-ORANGE 2
144	LB	AVSS0.75sq	CN-508M	———	CN-507F	DIODE RE-WORK HARNESS — DIODE ANGLE LEFT POWER
145	RB	AVSS0.75sq	CN-508M	———	CN-507F	DIODE RE-WORK HARNESS — DIODE ANGLE RIGHT POWER
146	OB	AVSS0.75sq	CN-506F	———	CN-504F	J/C-ORANGE 2 — DIODE FLOAT POWER
146A	OB	AVSS0.75sq	CN-506F	———	CN-313M	J/C-ORANGE 2 — UNDER FLOOR (TO FLOAT S.V.)
146B	OB	AVSS0.75sq	CN-506F	———	CN-522F	J/C-ORANGE 2 — FLOAT LATCH
147	WB	AVSS0.5sq	CN-504F	———	CN-505F	FLOAT RELAY CANCEL — FLOAT CANCEL RELAY
148	OG	AVSS0.5sq	CN-508M	———	CN-505F	FLOAT CANCEL SIGNAL — FLOAT CANCEL RELAY
149	Y	AVSS0.75sq	CN-502F	———	CN-503F	DIODE ANGLE LEFT RELAY — DIODE ANGLE RIGHT RELAY
150	R	AVSS0.75sq	CN-503M	———	CN-547F	BREAKER TEE SWITCH — AUX S.BREAKER HARNESS
151	LGr	AVSS0.5sq	CN-503M	———	CN-547F	AUX S.BREAKER HARNESS — AUX S.BREAKER HARNESS
152	RGr	AVSS0.5sq	CN-302M	———	CN-547F	AUX S.BREAKER HARNESS — AUX S.BREAKER HARNESS
153	OGr	AVSS0.5sq	CN-302M	———	CN-547F	BREAKER SWITCH — AUX S.BREAKER HARNESS
154	LY	AVSS0.75sq	CN-508M	———	CN-547F	AUX L S.V. — AUX S.BREAKER HARNESS
155	RY	AVSS0.75sq	CN-508M	———	CN-547F	AUX R S.V. — AUX S.BREAKER HARNESS

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156	OY	AVSS0.75sq	CN-508M	———	CN-541F	BREAKER S.V. — HOLE & BREAKER SWITCH
160	Y	AVSS0.75sq	CN-302M	———	CN-506F	TRAVEL PRIORITY SV — J/C-ORANGE 2
160A	Y	AVSS0.75sq	CN-508M	———	CN-506F	BOOM PRIORITY S.V. — J/C-ORANGE 2
160D	Y	AVSS0.5sq	CN-541F	———	CN-506F	BOOM PRIORITY SHOCK (OPTION) — J/C-ORANGE 2
201	BY	AVS0.5sq	CN-305M	———	CN-5F	INST PANEL L/H — CONTROLLER (CLUSTER GAUGE)
202	B	AVS0.5sq	CN-305M	———	CN-5F	INST PANEL L/H — CONTROLLER (CLUSTER GAUGE)
203	R	AVS0.5sq	CN-305M	———	CN-5F	INST PANEL L/H — CONTROLLER (CLUSTER GAUGE)
204	BG	AVS0.5sq	CN-305M	———	CN-5F	INST PANEL L/H — CONTROLLER (CLUSTER GAUGE)
205	O	AVS0.5sq	CN-305M	———	CN-5F	INST PANEL L/H — CONTROLLER (CLUSTER GAUGE)
206	BL	AVS0.5sq	CN-305M	———	CN-5F	INST PANEL L/H — CONTROLLER (CLUSTER GAUGE)
207	Y	AVS0.5sq	CN-305M	———	CN-5F	INST PANEL L/H — CONTROLLER (CLUSTER GAUGE)
208	G	AVS0.5sq	CN-305M	———	CN-5F	INST PANEL L/H — CONTROLLER (CLUSTER GAUGE)
209	L	AVS0.5sq	CN-305M	———	CN-5F	INST PANEL L/H — CONTROLLER (CLUSTER GAUGE)
210	LR	AVS0.5sq	CN-305M	———	CN-5F	INST PANEL L/H — CONTROLLER (CLUSTER GAUGE)
211	V	AVS0.5sq	CN-303M	———	CN-5F	INST PANEL L/H — CONTROLLER (CLUSTER GAUGE)
212	VW	AVS0.5sq	CN-305M	———	CN-5F	INST PANEL L/H — CONTROLLER (CLUSTER GAUGE)
213	BW	AVS0.5sq	CN-305M	———	CN-5F	INST PANEL L/H — CONTROLLER (CLUSTER GAUGE)
214	BR	AVS0.5sq	CN-305M	———	CN-5F	INST PANEL L/H — CONTROLLER (CLUSTER GAUGE)
215	GR	AVS0.5sq	CN-305M	———	CN-5F	INST PANEL L/H — CONTROLLER (CLUSTER GAUGE)
216	W	AVS0.5sq	CN-303M	———	CN-5F	INST PANEL L/H — CONTROLLER (CLUSTER GAUGE)
E0	B	AVS5sq	CN-310M	———	P-5	SIDE R — BODY EARTH

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E1	B	AVS51.25sq	CN-324F	———	CN-303M	10PWP-GND — INST PANEL L/H
E2	B	AVS51.25sq	CN-324F	———	CN-303M	10PWP-GND — INST PANEL L/H
E3	B	AVS50.75sq	CN-201F	———	CN-339F	HOLE&NOSE SWITCH — J/C-GRAY 1
E4	B	AVS50.75sq	CN-334F	———	CN-1F	J/C-GRAY 2 — FLASHER UNIT
E5	B	AVS50.75sq	CN-334F	———	CN-307F	J/C-GRAY 2 — RELAY ASSY
E6	B	AVS50.75sq	CN-334F	———	CN-307F	J/C-GRAY 2 — RELAY ASSY
E7	B	AVS50.75sq	CN-333F	———	CN-339F	TIME RELAY (TRAVEL ALARM) — J/C-GRAY 1
E8	B	AVS50.75sq	CN-334F	———	CN-338F	J/C-GRAY 2 — TIME RELAY (TRAVEL ALARM)
E9	B	AVS50.75sq	CN-334F	———	CN-336F	J/C-GRAY 2 — DIODE
E10	B	AVS50.75sq	M-1	———	CN-339F	LH POWER BRAKE SWITCH — J/C-GRAY 1
E11	B	AVS50.75sq	CN-334F	———	F-2	J/C-GRAY 2 — CIGARETTE LIGHTER
E12	B	AVS50.75sq	CN-334F	———	CN-5F	J/C-GRAY 2 — CONTROLLER (CLUSTER GAUGE)
E13	B	AVS50.75sq	CN-334F	———	CN-5F	J/C-GRAY 2 — CONTROLLER (CLUSTER GAUGE)
E14	B	AVS50.75sq	CN-334F	———	CN-2F	J/C-GRAY 2 — CONTROLLER (CLUSTER GAUGE)
E15	B	AVS50.75sq	CN-324F	———	CN-7F	10PWP-GND — CONTROLLER (SPEC)
E16	B	AVS50.75sq	CN-328M	———	CN-339F	CONNECT WITH — J/C-GRAY 1
E17	B	AVS50.75sq	CN-334F	DOUBLE SPLICE	CN-328F	J/C-GRAY 2 — FOR CHECK
E34	B	AVS50.75sq	CN-343F		CN-326F	WORK UP RELAY UNIT — FOR CHECK
E18	B	AVS51.25sq	CN-324F	———	CN-501F	10PWP-GND — INT POWER SOURCE IMR CONTROL
E19	B	AVS51.25sq	CN-324F	———	CN-325F	10PWP-GND — INTERNET RELAY
E20	B	AVS50.75sq	CN-334F	———	CN-331F	J/C-GRAY 2 — HORN LIGHT RELAY(OPT)
E22	B	AVS51.25sq	CN-324F	———	P-2	10PWP-GND — SPARE
E25	B	AVS51.25sq	CN-324F	———	P-4	10PWP-GND — SPARE
E24	B	AVS50.75sq	CN-325F	———	CN-339F	INTERNET RELAY — J/C-GRAY 1
E25	B	AVS50.75sq	CN-334F	———	CN-332F	J/C-GRAY 2 — TURNER
E26	B	AVS50.75sq	CN-334F	———	CN-306F	J/C-GRAY 2 — TO CAB
E27	B	AVS51.25sq	CN-324F	———	CN-334F	10PWP-GND — J/C-GRAY 2
E28	B	AVS50.75sq	CN-334F	———	CN-334F	J/C-GRAY 2 — J/C-GRAY 2
E29	B	AVS50.75sq	CN-334F	———	CN-330F	J/C-GRAY 2 — TO CAB (BATTERY LIGHT)
E30	B	AVS51.25sq	CN-312M	———	CN-331F	SIDE R — J/C-GRAY 1
E31	B	AVS51.25sq	P-11	———	CN-324F	BMS — 10PWP-GND
E32	B	AVS51.25sq	CN-339F	———	P-6	J/C-GRAY 1 — HEAD EARTH
E33	B	AVS50.75sq	CN-337F	———	CN-339F	SURGE PROTECTOR — J/C-GRAY 1
E35	B	AVS51.25sq	CN-327F	———	CN-501F	SOLENOID RE-WORK HARNESS — J/C-GRAY 3
E36	B	AVS51.25sq	CN-508M	———	CN-501F	SOLENOID RE-WORK HARNESS — J/C-GRAY 3
E37	B	AVS50.75sq	CN-505F	DOUBLE SPLICE	CN-501F	FLOAT CANCEL RELAY — J/C-GRAY 3
E37A	B	AVS50.75sq	CN-505F		CN-505F	FLOAT CANCEL RELAY CONTACT — FLOAT CANCEL RELAY COIL
E38	B	AVS50.75sq	CN-541F	———	CN-501F	J/C-ORANGE 3 — AUX S.BREAKER HARNESS
E39	B	AVS50.5sq	CN-502F	———	CN-501F	J/C-ORANGE 3 — UNDER FLOOR (TO FLOAT S.V.)
E40	B	AVS50.5sq	CN-503F	———	CN-501F	J/C-ORANGE 3 — FLOAT LATCH

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