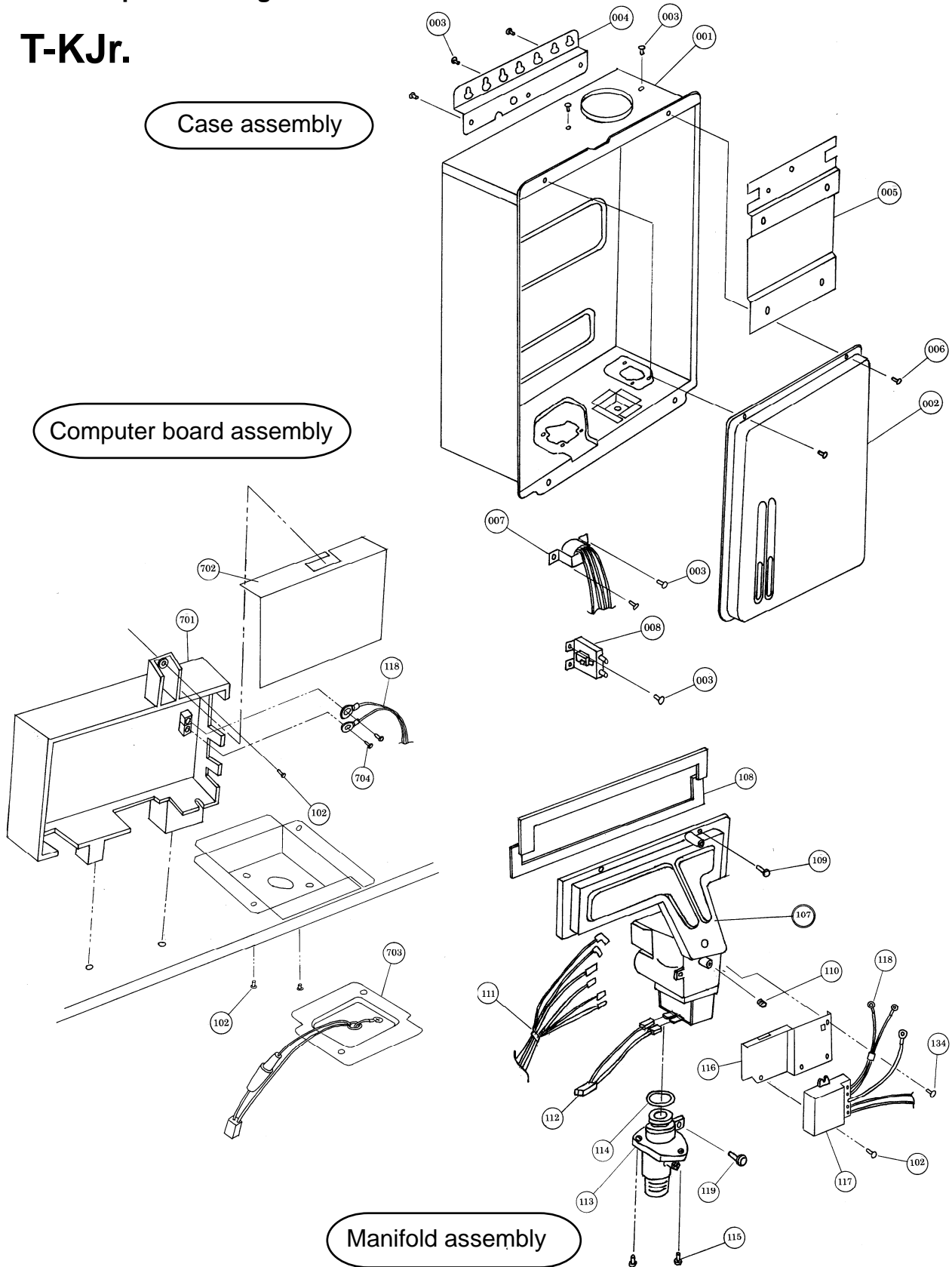


13-1. Components diagrams of the T-KJr.

T-KJr.

Case assembly

Computer board assembly



14-1. Parts list of the T-KJr.

Item #	Part #	Description	Common parts for other units
1	EKJ07	Case assembly	
2	EKJ11	Front cover	
3	EW002	Screw M4×10 (Coated)	*
4	EKJ09	Bracket	TK3,Pro,OS,SP
5	EKJ43	Back guard panel	
6	EW000	Screw M4×12 (w/washer)	*
7	EKJ05	Transformer	
8	EKN35	Pressure switch	
101	EKJ37	Burner assembly	
102	EW003	Screw M4×10	*
103	EKN61	Rod cap	TK3,Pro,OS,SP,TH1TM32,TM50,TK1S
104	EKJ44	High voltage ignite cable	TH1
105	EKN52	Flame sensor wire	TK1S
106	EM167	Wire clamp 60	TK2,TKD20,TK3,Pro,OS,SP, TH1,TM1,TM199,TM32,TM50,TK1S
107	EKJ03	Manifold assembly with gas valve assembly (LP)	
	EKJ04	Manifold assembly with gas valve assembly (NG)	
108	EKJ56	Manifold gasket	
109	EW00E	Screw M4×14	*
110	EKN22	Manifold pressure port screw	TH1,TM1,TM199,TK1S
111	EKJ31	Gas valve wire	
112	EKN53	Proportional gas valve wire	TK1S
113	EKJ00	Gas inlet	
114	EK042	O-ring P20 NBR (Black)	TK2,TKD20,TK3,Pro,OS,SP,TM50
115	EW00F	Pan screw M4×10 (w/washer)	TK1S
116	EKJ13	GFI plate	
117	EKN73	Ground fault circuit interrupter	TK3,Pro
118	EKN19	AC100V wire	
119	EW00G	Screw M4×12	*

Item #	Part #	Description	Common parts for other units
120	EKN74	Igniter	TK3,Pro,OS,SP,TH1, TM32, TM50, TK1S
121	EKJ32	IG-EH wire	
122	EKJ59	Freeze protection thermostat	TK2,TK3,Pro,SP, TM32,
123	EW004	Hex head screw M4x12 (w/washer)	
124	EKJ41	Fan motor	
125	EKJ55	Pressure switch sensing plate	
126	EK275	Silicon tube	TK2,TKD20
127	EKJ10	Silicon ring	
128	EW00H	Pan screw M4x12 (w/washer)	*
129	EKN63	Overheat cut-off fuse fixing plate	TH1
130	EKN62	Overheat-cut-off-fuse	
131	EK029	Fuse fixing plate 14	TK2,TKD20,TK3,Pro,OS,SP, TM1, TM199
132	EKN34	Hi limit switch	TK3,Pro,OS,SP,TH1, TM32, TM50
133	EW00A	Screw M3x6	*
134	EW00J	Screw M4x12	
135	EK022	Gas filter	TM1, TM199
139	EKJ45	Flame rod	
140	EKJ48	Igniter rod	
401	EKJ36	Heat exchanger assembly	
402	EZM16	O-ring P16 EPDM (Purple)	TK2,TKD20,TK3,Pro,OS,SP, TH1, TM1, TM199, TM32, TM50, TK1S
403	EKJ47	Pipe heater 120	
404	EKJ40	Fixing plate	TH1, TK1S
405	EKJ01	Water inlet	
406	EKN68	Inlet drain plug	TH1, TK1S
407	EZM15	O-ring P15 EPDM (Purple)	TK3,Pro,OS,SP,TH1, TM32, TM50, TK1S
408	EKN65	Filter	TH1, TK1S
409	EKJ46	Freeze protection heater	
410	EKN69	Inlet thermistor	TK1S
411	EZM04	O-ring P4 EPDM (Purple)	TK2,TKD20,TK3,Pro,OS,SP, TH1, TM1, TM199, TM32, TM50, TK1S

Item #	Part #	Description	Common parts for other units
412	EW00L	Pan screw M4x6 (w/washer)	*
413	EM192	Fastener "16A"	TK2,TKD20,TK3,Pro,OS,SP, TH1,TM1,TM199,TM32,TK1S
414	EKJ02	Water outlet	
415	EK046	Outlet drain plug	TM1,TM199
416	EZM06	O-ring P6 EPDM (Purple)	TK2,TKD20,TK3,Pro,OS,SP, TH1,TM1,TM199,TM32,TM50,TK1S
417	EKJ42	Outlet thermistor	
418	EKJ12	Inlet connecting pipe	
419	EKN28	Flow adjustment valve	TK1S
420	EKN70	Flow sensor	TK1S
421	EKJ57	Heater 100	
701	EKJ06	Computer board	
702	EKN72	Computer board cover	TK1S
703	EKJ64	Junction box	
704	EW014	Screw M4x8 (w/washer)	