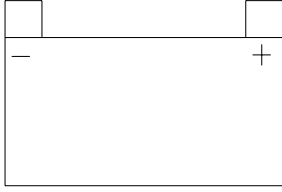
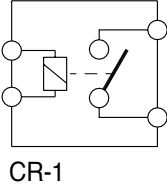
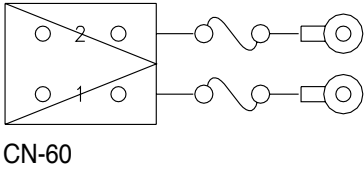
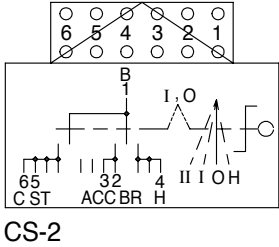
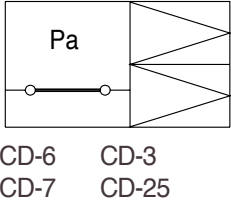
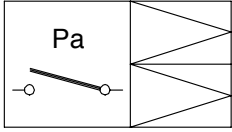
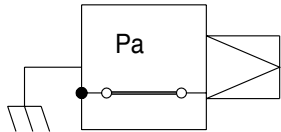
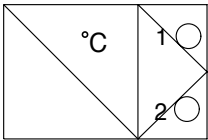
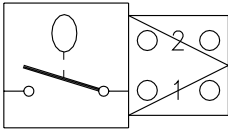
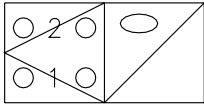
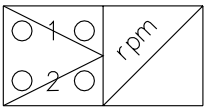
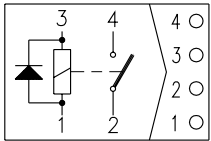
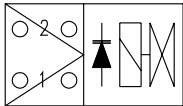
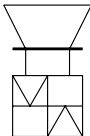
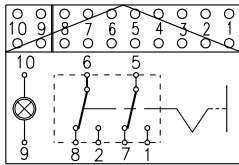
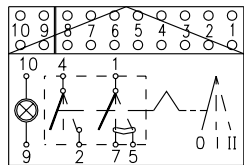
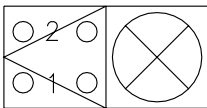
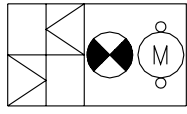
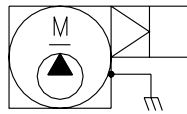
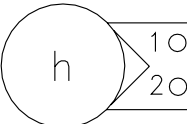
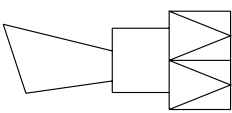
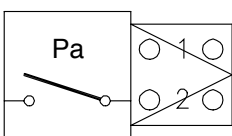
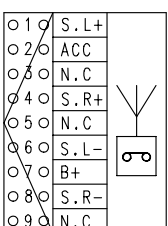


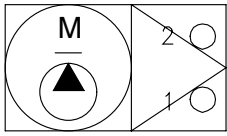
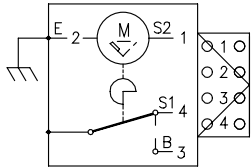
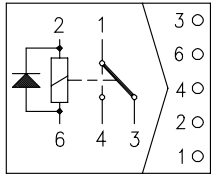
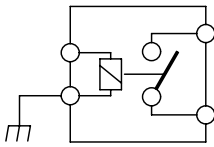
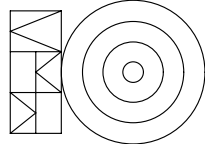
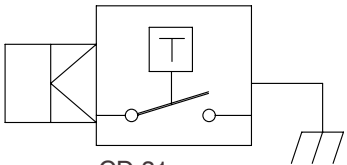
GROUP 4 ELECTRICAL COMPONENT SPECIFICATION

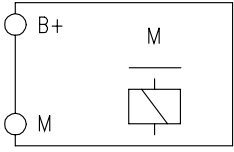
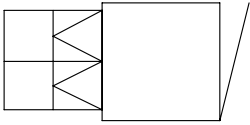
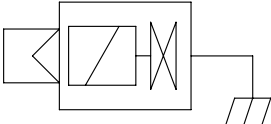
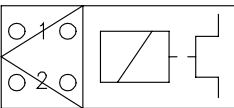
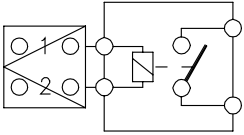
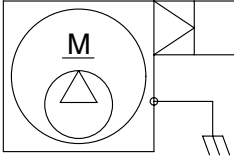
Part name	Symbol	Specifications	Check
Battery		12V × 100Ah (2EA)	Check specific gravity 1.280 over : Over charged 1.280 ~ 1.250 : Normal 1.250 below : Recharging
Battery relay	 <p style="text-align: center;">CR-1</p>	Rated load : 24V 100A(Continuity) 1000A(30sec)	Check coil resistance(M4 to M4) Normal : About 50 Check contact Normal :
Fusible link	 <p style="text-align: center;">CN-60</p>	24V 60A	Check disconnection Normal : About 0 (For terminal 1-ring term, terminal 2-ring term)
Start key	 <p style="text-align: center;">CS-2</p>	B-BR : 24V 1A B-ACC : 24V 10A B-ST : 24V 40A	Check contact OFF : (For each terminal) ON : 0 (For terminal 1-3, 1-2) START : 0 (For terminal 1-5)
Pressure switch (Auto idle, T/M, Brake)	 <p style="text-align: center;">CD-6 CD-3 CD-7 CD-25</p>	10kgf/cm ² (N.C TYPE)	Check contact Normal : 0.1

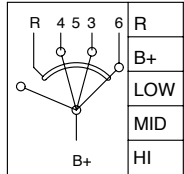
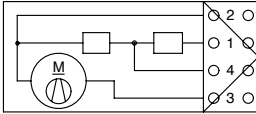
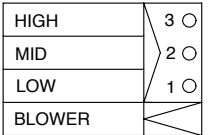
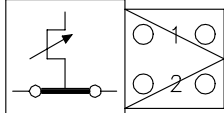
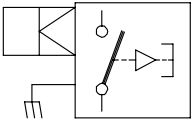
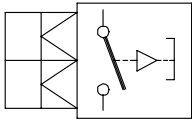
Part name	Symbol	Specifications	Check
Pressure switch (Overload stop lamp)	 CD-4 CD-36	4~6kgf/cm ² (N. O TYPE)	Check contact Normal :
Pressure switch (For engine oil)	 CD-18	0.5kgf/cm ² (N. C TYPE)	Check resistance Normal : 0
Coolant temperature sensor	 CD-8	-	Check resistance 50°C : 800 80°C : 310 100°C : 180
Coolant level sensor	 CD-16	24V 0.5A	Check contact High level : Low level : 0
Fuel sender	 CD-2	-	Check resistance Full : 100 5/6 : 200 4/6 : 300 3/6 : 400 2/6 : 500 1/6 : 600 Empty warning : 700
Tacho sensor	 CD-17	-	Check resistance Normal : 2.3 ± 0.2K (At 25°C)

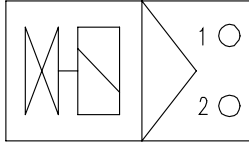
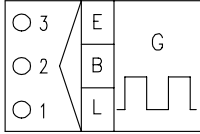
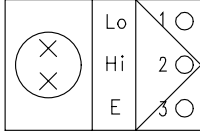
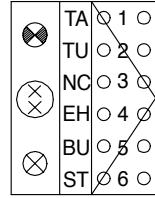
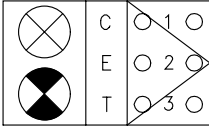
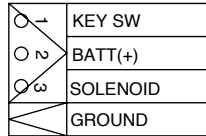
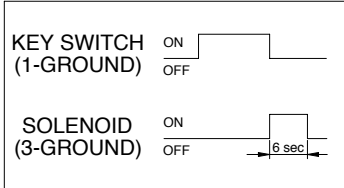
Part name	Symbol	Specifications	Check
Relay	 <p>CR-2 CR-7 CR-35</p>	24V 20A	Check resistance Normal : About 200 (For terminal 1-3) (For terminal 2-4)
Solenoid valve	 <p>CN-68 CN-69 CN-70 CN-71 CN-72 CN-88 CN-90 CN-122 CN-123</p>	24V 1A	Check resistance Normal : 15~25 (For terminal 1-2)
Speaker	 <p>CN-23(LH) CN-24(RH)</p>	20W	Check resistance Normal : 3~5
Switch (Locking type)	 <p>CS-17,CS-18,CS-23,CS-25,CS-27, CS-41,CS-47,CS-63,CS-68</p>	24V 8A	Check contact Normal ON : 0 (For terminal 1-5, 2-6) (For terminal 5-7, 6-8) OFF : (For terminal 1-5, 2-6) 0 (For terminal 5-7, 6-8)
Switch (Locking type)	 <p>CS-44</p>	24V 8A	Check contact ON : 0 (For terminal 1-5, 2-4) OFF : (For terminal 1-5, 2-4)
Work lamp, Room lamp, Number plate lamp	 <p>CL-1 CL-5 CL-6 CL-21</p>	24V 70W (H3 Type) 24V 10W (Room lamp)	Check disconnection Normal : A few

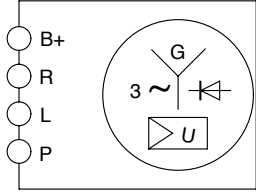
Part name	Symbol	Specifications	Check
Beacon lamp	 CL-7	24V 70W (H1 Type)	Check disconnection Normal : A few
Fuel filler pump	 CN-61	24V 10A 35 /min	Check operation Supply power(24V) to terminal 1 pin Connect ring terminal with ground and turn the operation switch ON.
Hour meter	 CN-48	16~32V	Check operation Supply power(24V) to terminal No.2 and connect terminal No.1 to ground.
Horn	 CN-20 CN-25	DC 22~28V 2A	Check operation Supply power(24V) to each terminal and connect ground.
Pressure switch (Receiver dyer, Swing warning)	 CN-29 CD-37	24V 2.5A	Check contact Normal :
Cassette radio	 CN-27	24V 2A	Check resistance Power on 15W+15W, 4 +4 (For terminal 1-6, 4-8) 20~25V (For terminal 7-GND, 2-GND)

Part name	Symbol	Specifications	Check
Washer pump	 <p>CN-22</p>	24V 3.8A	Check contact Normal : 10.7 (For terminal 1-2)
Wiper motor	 <p>CN-21</p>	24V 2A	Check disconnection Normal : 10.5 (For terminal 1-2) Washer spray : 0.2 (For terminal 1-4) Wiper operating : 24V(For terminal 1-4) : 0V(For terminal 2-GND)
Relay	 <p>CR-40</p>	24~32V 16A	Check resistance Normal : About 200 (For terminal 2-6) : 0 (For terminal 1-3) : (For terminal 1-4)
Preheater relay	 <p>CR-24</p>	20~30V 2.3A	Check contact Normal : 0 (For terminal 1-3)
Cigar lighter	 <p>CL-2</p>	24V 5A 1.4W	Check coil resistance Normal : About 1M Check contact Normal : Operating time : 5~15sec
Hydraulic temperature	 <p>CD-31</p>	-	Check contact Normal : 105°C Over : 0

Part name	Symbol	Specifications	Check
Starter	 <p>CN-45</p>	MITSUBISHI 24V-3.2kW	Check contact Normal : 0.1
Back buzzer	 <p>CN-65</p>	24V 0.5A	Check contact Normal : 5.2
Engine stop solenoid	 <p>CN-79</p>	24V/11.7A(Max)	Check contact Normal : A few
Aircon compressor	 <p>CN-28</p>	24V 79W	Check contact Normal : 13.4
Start relay	 <p>CR-23</p>	24V 300A	Check contact Normal : 0.94 (For terminal 1-2)
Blower		24V 2.5A	-

Part name	Symbol	Specifications	Check
Aircon switch controller		OFF : - LOW : R - B+ MID : R - B+ HI : R - B+	-
Aircon cooling unit	 CN-35	24V 30W ± 10%Kcal	-
Heater blower resistor	 CN-47	24V	BLOWER - LOW : 13.2 BLOWER - MID : 6.6 BLOWER - HIGH : 0
Thermostat	 CN-32	-	Working temperature of contact Point : AC ON 4.5°C AC OFF 1.5°C Differential of temperature 3°C Rated input volt : 24V
Safety switch	 CS-4	24V 2W	Check resistance Normal : About 5M
Horn switch	 CS-5	24V 6A	Check contact Normal : 15M

Part name	Symbol	Specifications	Check
Solenoid valve	 CN-66 CD-121 CN-125	24V 6A	Check resistance Normal : 28.9M (For terminal 1-2)
Flasher unit	 CR-11	24V 85C/M	-
Head lamp	 CL-3 CL-4	24V 75/70W	Check resistance Normal : 1.0 (For terminal 1-3,2-3) 1.5 (For terminal 1-2)
Rear combi lamp	 CL-15 CL-16	24V P27W x 2 24V P21/10W	-
Front combi lamp	 CL-24 CL-25	24V 21W 24V 10W	Check resistance Normal : 2.1 (For terminal 2-3) 4.8 (For terminal 1-2)
Timer	 CN-150	24V	Operation chart 

Part name	Symbol	Specifications	Check
Alternator		<p>MITSUBISHI 24V 50A</p>	<p>Check resistance Normal : 0 (For terminal B⁺-L) Normal : 24~28.5V</p>