
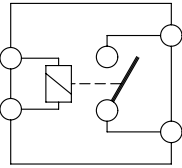
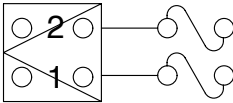
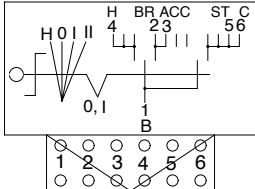
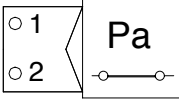
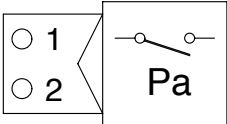
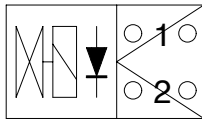
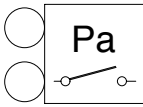
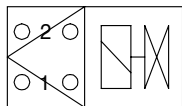
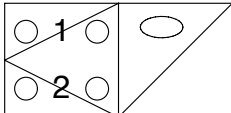
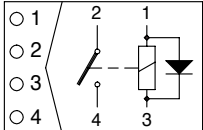
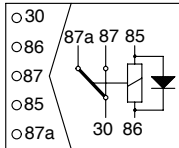
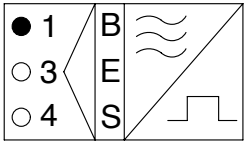
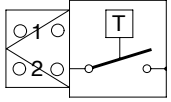
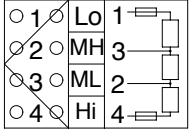
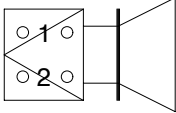
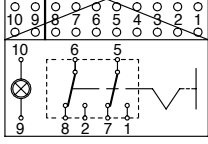
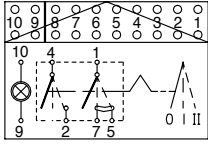
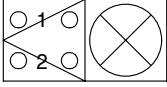
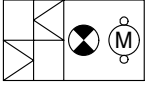
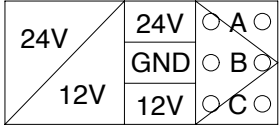
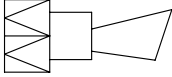
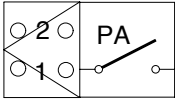
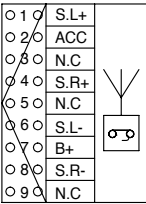


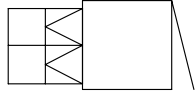
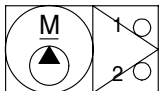
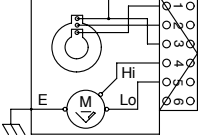
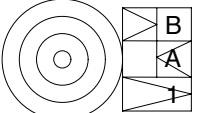
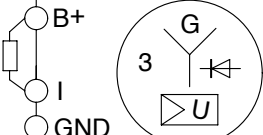
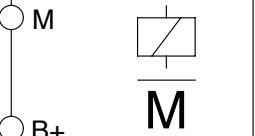
GROUP 4 ELECTRICAL COMPONENT SPECIFICATION

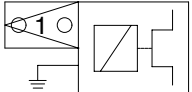
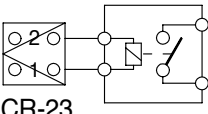
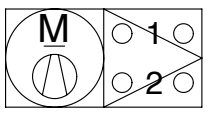
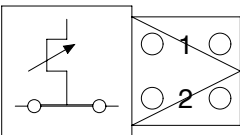
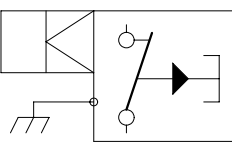
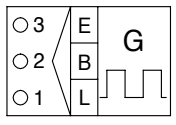
Part name	Symbol	Specifications	Check
Battery		12V × 100Ah (2EA)	Check specific gravity 1.280 over : Over charged 1.280 ~ 1.250 : Normal 1.250 below : Recharging
Battery relay	 <p style="text-align: center;">CR-1</p>	Rated load : 24V 100A(Continuity) 1000A(30seconds)	Check coil resistance Normal : About 50 Check contact Normal :
Fusible link	 <p style="text-align: center;">CN-60</p>	24V 60A	Check disconnection Normal : 0 (Connect ring terminal and check resistance between terminal 1 and 2)
Start key	 <p style="text-align: center;">CS-2</p>	-	Check contact OFF : (For each terminal) ON : 0 (For terminal 1-3) (For terminal 1-5) START : 0 (For terminal 1-3 and 1-5)
Pressure switch	 <p style="text-align: center;">CD-3 CD-26 CD-39 CD-41</p>	N.C TYPE	Check contact Normal : 0 (CLOSE)
Pressure switch	 <p style="text-align: center;">CD-4 CD-40 CD-5 CD-52</p>	N.O TYPE	Check contact Normal : (OPEN)

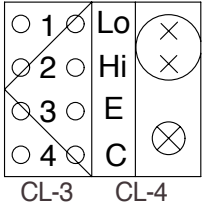
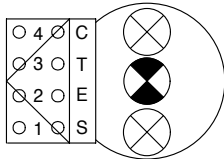
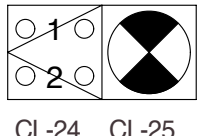
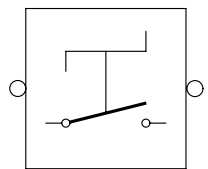
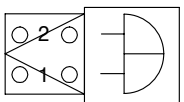
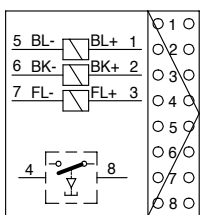
Part name	Symbol	Specifications	Check
Solenoid valve	 CN-137	24V 1A	Check resistance Normal : 15~25 (For terminal 1-2)
Air cleaner pressure switch	 CD-10	Pressure : 635mmH ₂ O (N.O TYPE)	Check contact Normal :
Parking solenoid	 CN-71 CN-136	24V 1.2A	Check LED lamp Check Resistance About 24
Fuel sender	 CD-2	Reed switch : Magnetic type	Check resistance Full : About 30 Low level : About 300
Relay (4pin)	 AC RY(H1) AC RY(M2) CR-35 CR-42 CR-3 CR-6 CR-7 CR-46 CR-2 CR-30	24V 20A	Check resistance Normal : About 200 (For terminal 1-3) : (For terminal 2-4)
Relay (5pin)	 CR-4 CR-5 CR-26 CR-40 CR-41	24V 20A	Check resistance Normal : About 160 (For terminal 2-6) : 0 (For terminal 1-3) : (For terminal 1-3)

Part name	Symbol	Specifications	Check
Proximate switch	 <p>CN-100 CN-101</p>	24V 400mA	
Hydraulic temperature	 <p>CD-1</p>		Check resistance Normal : 105, C over : 0
Aircon resistor			Check contact Normal 1.12 : (For terminal 2-4) 2.07 : (For terminal 3-4) 3.17 : (For terminal 4-1)
Speaker	 <p>CN-23(LH) CN-24(RH)</p>	4 20W	Check resistance Normal : 50
Switch (Locking type)	 <p>CS-17 CS-23 CS-34 CS-41 CS-42 CS-51 CS-50</p>	24V 8A	Check contact OFF : (for terminal 1-5, 2-6) : 0 (for terminal 5-7, 6-8)
Switch (Non-locking type)	 <p>CS-3 CS-20 CS-39</p>	24V 8A	Check contact OFF : (for terminal 2-4, 1-7)

Part name	Symbol	Specifications	Check
Work lamp, Room lamp, Number plate lamp	 CL-1 CL-6 CL-22 CL-5 CL-21 CL-23 CL-24 CL-25 CL-30 CL-32 CL-33 CL-35 CL-36	Work lamp 24V 70W Number plate lamp Room lamp 24V 10W	Check disconnection Normal : A few
Beacon lamp	 CL-7	24V 70W (H1 TYPE)	Check disconnection Normal : A few
DC/DC Converter	 CN-138	12V 3A	24V (A-B) 12V (B-C)
Horn	 CN-20 CN-25	22-28V 2A 110dB	Check operation Supply power(24V) to each terminal and connect ground
Receiver dryer	 CN-29	24V 2.5A	Check contact Normal :
Cassette radio	 CN-27	24V 20W+20W	Check resistance Power ON : 4 +4 (for terminal 1-6, 4-8)

Part name	Symbol	Specifications	Check
Back up buzzer	 <p>CN-65</p>	24V 0.5A 110dB	-
Washer pump	 <p>CN-103 CN-22</p>	24V 2.5A	Check contact Normal : 26.4 (for terminal 1-2)
Wiper motor	 <p>CN-102 CN-21</p>	24V 1.5A 2-speed Auto parking	-
Cigar lighter	 <p>CL-2</p>	24V 5A	-
Alternator	 <p>CN-74</p>	24V 70A	Check voltage Normal : 24~28V
Starter	 <p>CN-45</p>	Nippandenso 228000-7902 24V	Operating or not

Part name	Symbol	Specifications	Check
Aircon compressor	 <p style="text-align: center;">CN-28</p>	24V 79W	Check contact Normal : 13.4
Start relay	 <p style="text-align: center;">CR-23</p>	24V 200A	Check contact Normal : 11.3
Blower		24V 9A 2900 ± 150rpm	-
Duct sensor		1.0C OFF 4.0C ON	Check resistance Normal : 0 (for terminal 1-2), the atmosphere temp: over 4.0C
Door switch	 <p style="text-align: center;">CS-1 CS-55</p>	24V 2W	Check resistance Normal : About 5M
Flasher unit	 <p style="text-align: center;">CR-11</p>	24V 85 ~ 190 C/M 50dB	-

Part name	Symbol	Specifications	Check
Head lamp	 <p>CL-3 CL-4</p>	24V 75W/70W (H4 TYPE) 24V 4W (T4W)	Check disconnection Normal : A few
Combi lamp	 <p>CL-15 CL-16</p>	24V 5W (R5W) 2 × 24V 21W (P21W)	-
Turn lamp	 <p>CL-24 CL-25</p>	24V 21W (P21W)	-
Master switch		Continuous capacity : 180Amp Push in capacity : 1000Amp	-
Warning buzzer	 <p>CN-26</p>	24V 200mA 90 ± 5dB(m)	-
Joy stick lever	 <p>CN-114</p>	-	Check contact Normal : 80~90 (For terminal 1-5, 2-6 3-7,) : (For terminal 4-8)