
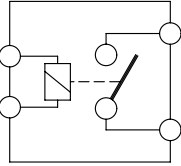
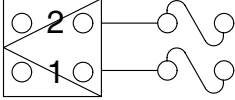
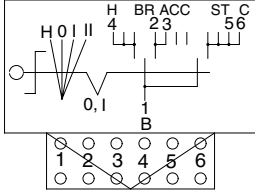
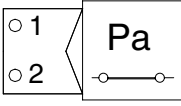
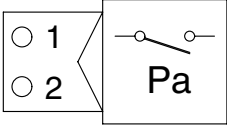
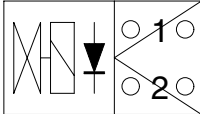

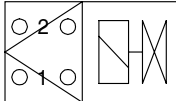
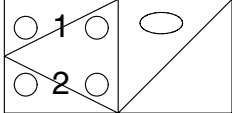
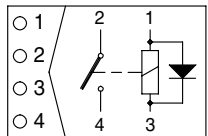
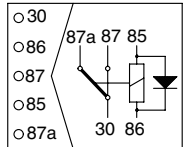
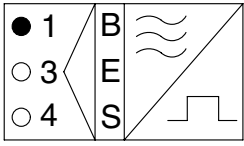
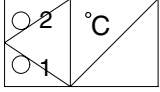
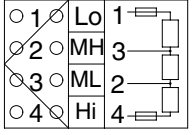
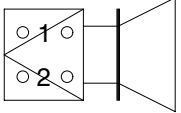
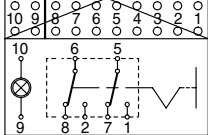
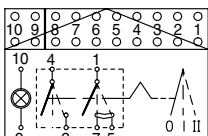
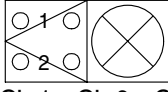
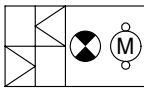
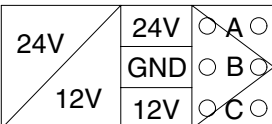
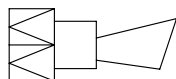
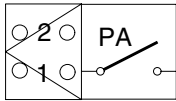
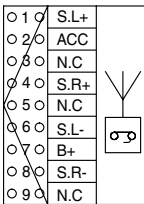


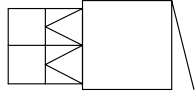
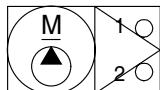
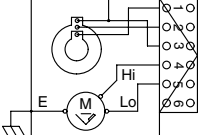
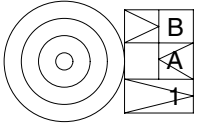
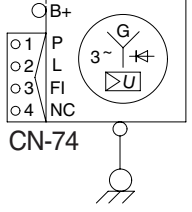
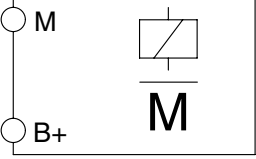
## GROUP 4 ELECTRICAL COMPONENT SPECIFICATION

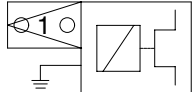
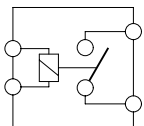
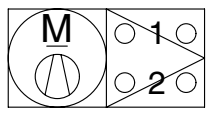
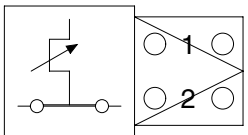
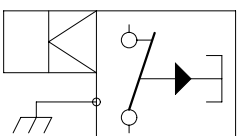
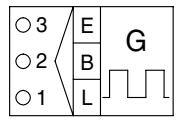
Part name	Symbol	Specifications	Check
Battery		12V × 160Ah (2EA)	※ Check specific gravity 1.280 over : Over charged 1.280 ~ 1.250 : Normal 1.250 below : Recharging
Battery relay	 <p style="text-align: center;">CR-1</p>	Rated load : 24V 100A(Continuity) 1000A(30seconds)	※ Check coil resistance Normal : About 50 Ω ※ Check contact Normal : ∞ Ω
Fusible link	 <p style="text-align: center;">CN-60 CN-95</p>	24V 60A	※ Check disconnection Normal : 0 Ω (Connect ring terminal and check resistance between terminal 1 and 2)
Start key	 <p style="text-align: center;">CS-2</p>	-	※ Check contact OFF : ∞ Ω (For each terminal) ON : 0 Ω (For terminal 1-3) ∞ Ω (For terminal 1-5) START : 0 Ω (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 Ω (CLOSE)
Pressure switch	 <p style="text-align: center;">CD-4 CD-40 CD-5 CD-48</p>	N.O TYPE	※ Check contact Normal : ∞ Ω (OPEN)

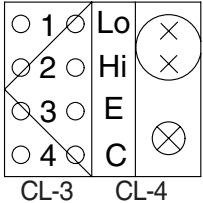
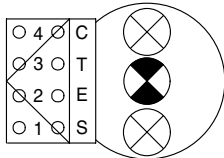
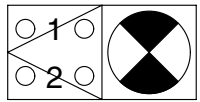
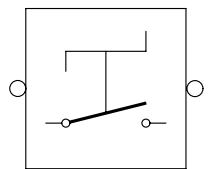
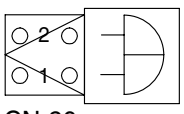
Part name	Symbol	Specifications	Check
Parking brake/ Ride control solenoid	 CN-71 CN-137	24V 1A	※ Check resistance Normal : 15~25 Ω (For terminal 1-2)
Air cleaner pressure switch	 CD-10	Pressure : 635mmH <sub>2</sub> O (N.O TYPE)	※ Check contact Normal : ∞ Ω
Ride control valve / Fan solenoid	 CN-136 CN-154 CN-155	24V 1.2A	※ Check LED lamp ※ Check Resistance About 24 Ω
Fuel sender	 CD-2	Reed switch : Magnetic type	※ Check resistance Full : About 30 Ω Low level : About 300 Ω
Relay (4pin)	 AC RY(H1) AC RY(M2)	24V 20A	※ Check resistance Normal : About 200 Ω (For terminal 1-3) : ∞ Ω (For terminal 2-4)
Relay (5pin)	 CR-2 CR-3 CR-4 CR-5 CR-7 CR-25 CR-26 CR-33 CR-35 CR-36 CR-37 CR-38 CR-40 CR-41 CR-46 CR-55 CR-58 CR-59	24V 20A	※ Check resistance Normal : About 160 Ω (For terminal 2-6) : 0 Ω (For terminal 1-3) : ∞ Ω (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 : $\infty \Omega$ 105°C over : $0 \Omega$
Aircon resistor			※ Check contact Normal : $1.12 \Omega$ (For terminal 2-4) : $2.07 \Omega$ (For terminal 3-4) : $3.17 \Omega$ (For terminal 4-1)
Speaker	 <p>CN-23(LH) CN-24(RH)</p>	4 $\Omega$ 20W	※ Check resistance Normal : $50 \Omega$
Switch (Locking type)	 <p>CS-17 CS-23 CS-41 CS-42 CS-59 CS-80 CS-82</p>	24V 8A	※ Check contact OFF : $\infty \Omega$ (for terminal 1-5, 2-6) : $0 \Omega$ (for terminal 5-7, 6-8)
Switch (Non-locking type)	 <p>CS-21 CS-35 CS-36</p>	24V 8A	※ Check contact OFF : $\infty \Omega$ (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	Work lamp 24V 70W Number plate lamp Room lamp 24V 10W	※ Check disconnection Normal : A few Ω
Beacon lamp	 CL-7	24V 70W (H1 TYPE)	※ Check disconnection Normal : A few Ω
DC/DC Converter		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 : ∞ Ω
Cassette radio	 CN-27	24V 20W+20W	※ Check resistance Power ON : 4 Ω + 4 Ω (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 Ω (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>	Delco Remy 28MT 24V	※ Operating or not

Part name	Symbol	Specifications	Check
Aircon compressor	 CN-28	24V 79W	※ Check contact Normal : 13.4 Ω
Start relay	 CR-23	24V 200A	※ Check contact Normal : 11.3 Ω
Blower		24V 9A 2900 ± 150rpm	-
Duct sensor		1° C OFF 4° C ON	※ Check resistance Normal : 0 Ω (for terminal 1-2), the atmosphere temp: over 4° C
Door switch	 CS-1 CS-55	24V 2W	※ Check resistance Normal : About 5M Ω
Flasher unit	 CR-11	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 Ω
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	 <p>CS-74</p>	Continuous capacity : 180Amp Push in capacity : 1000Amp	-
Warning buzzer	 <p>CN-26</p>	24V 200mA 90±5dB( l m)	-