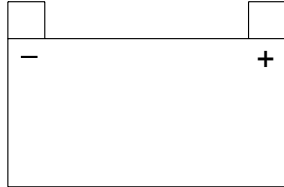
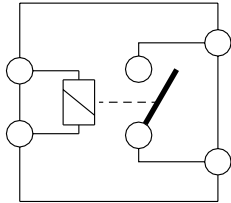
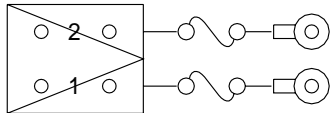
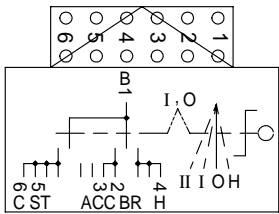
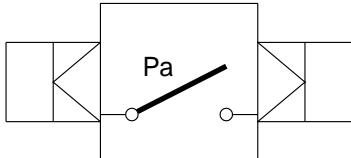
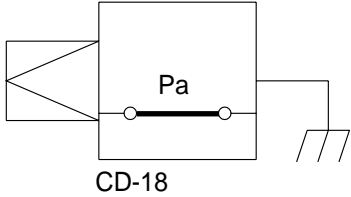
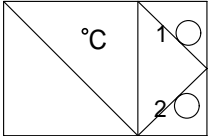
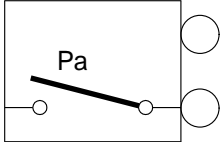
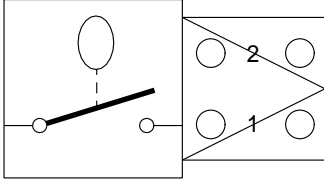
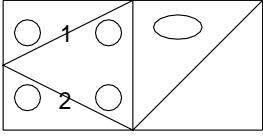
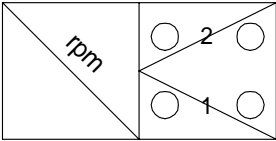
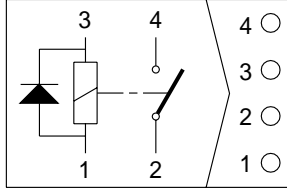
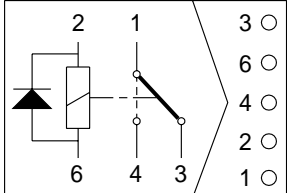
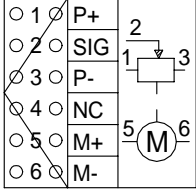
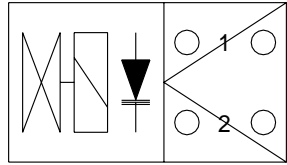
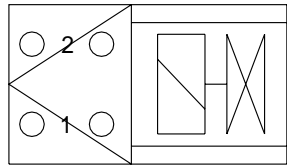
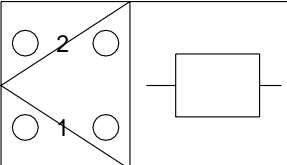
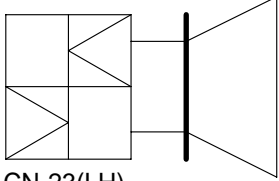
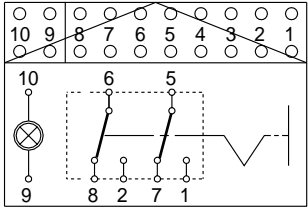
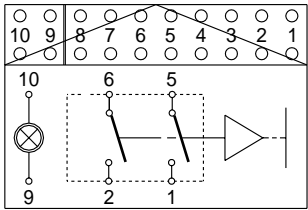
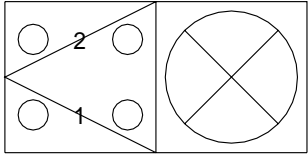
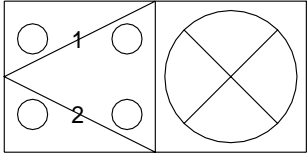
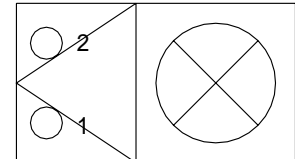


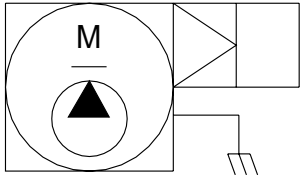
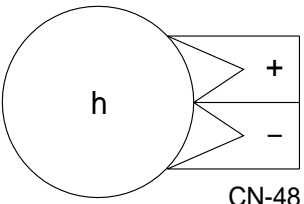
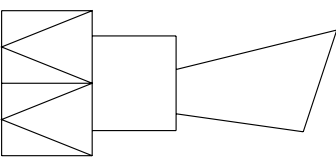
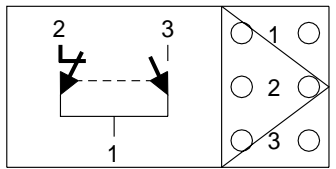
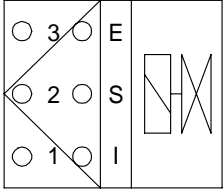
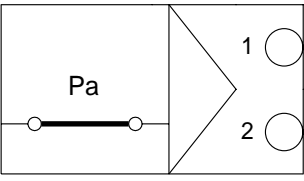
GROUP 3 ELECTRICAL COMPONENT SPECIFICATION

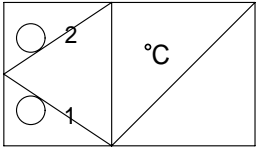
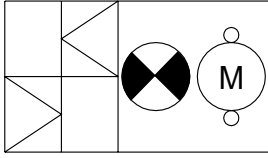
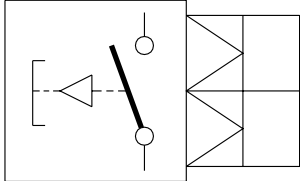
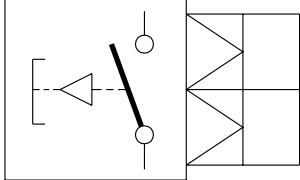
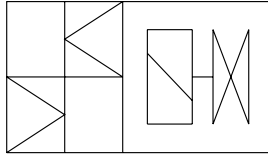
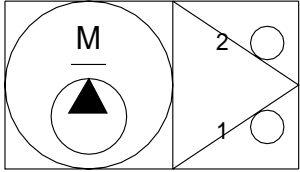
Part name	Symbol	Specifications	Check
Battery		12V × 160Ah (2EA)	※ Check specific gravity 1.280 over : Over charged 1.280~1.250 : Normal 1.250 below : Recharging
Battery relay	 <p style="text-align: center;">CR-1</p>	Rated load : 24V 100A(Continuity) 1000A(30sec)	※ Check coil resistance(M4 to M4) Normal : About 50 Ω ※ Check contact Normal : ∞ Ω
Fusible link	 <p style="text-align: center;">CN-60</p>	60A	※ Check disconnection Normal : About 0 Ω (For terminal 1-ring term, terminal 2-ring term)
Start key	 <p style="text-align: center;">CS-2</p>	24V 40A	※ Check contact OFF : ∞ Ω (For each terminal) ON : 0 Ω (For terminal 1-3, 1-2) START : 0 Ω (For terminal 1-5)
Pressure switch (For travel alarm)	 <p style="text-align: center;">CD-11~CD-14</p>	3 ~ 6kg/cm ² (N.O TYPE)	※ Check contact Normal : ∞(OPEN)

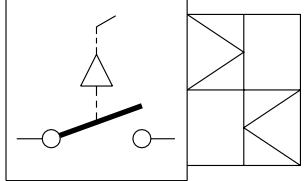
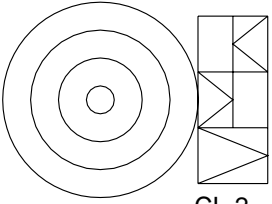
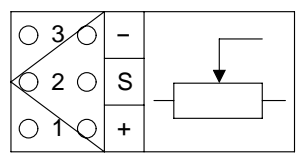
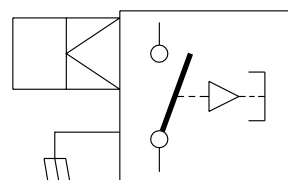
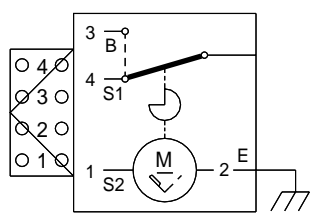
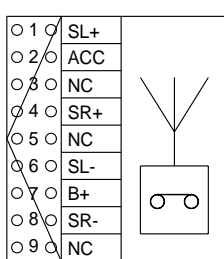
Part name	Symbol	Specifications	Check
Pressure switch (For engine oil)	 <p>CD-18</p>	0.5kg/cm ² (N. C TYPE)	※ Check resistance Normal : 0 Ω (CLOSE)
Coolant temperature sensor	 <p>CD-8</p>	-	※ Check resistance 50°C : 800 Ω 80°C : 310 Ω 100°C : 180 Ω
Air cleaner pressure switch	 <p>CD-10</p>	Pressure:635mm H ₂ O (N.O TYPE)	※ Check contact Normal : ∞ Ω
Coolant level sensor	 <p>CD-16</p>	24V 0.5A	※ Check contact High level : ∞ Ω Low level : 0 Ω
Fuel sender	 <p>CD-2</p>	-	※ Check resistance Full : 100 Ω 5/6 : 200 Ω 4/6 : 300 Ω 3/6 : 400 Ω 2/6 : 500 Ω 1/6 : 600 Ω Empty warning : 700 Ω
Tacho sensor	 <p>CD-17</p>	-	※ Check resistance Normal : 300 Ω (For terminal 1-2)

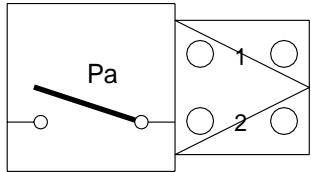
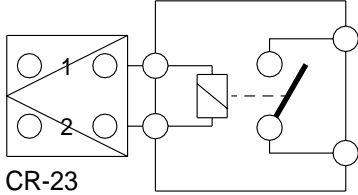
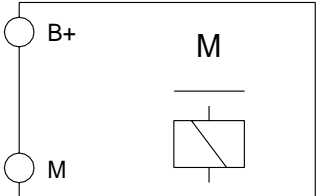
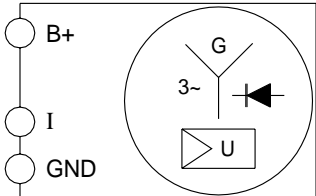
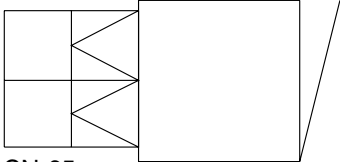
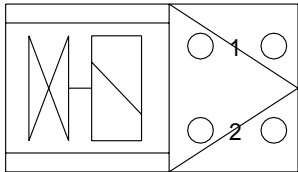
Part name	Symbol	Specifications	Check
Relay	 <p>CR-2, CR-3, CR-5</p>	24V 20A	※ Check resistance Normal : About 200 Ω (For terminal 1-3) ∞ Ω (For terminal 2-4)
Relay	 <p>CR-4</p>	24V 16A	※ Check resistance Normal : About 160 Ω (For terminal 2-6) 0 Ω (For terminal 1-3) ∞ Ω (For terminal 1-4)
Accel actuator	 <p>CN-76</p>	-	※ Check resistance Normal : 1~2 Ω (For terminal 5-6) 0.8~1.2kΩ (For terminal 1-3)
Solenoid valve	 <p>CN-66, CN-68, CN-70 CN-87, CN-88, CN-89</p>	24V 1A	※ Check resistance Normal : 15~25 Ω (For terminal 1-2)
EPPR valve	 <p>CN-75</p>	700mA	※ Check resistance Normal : 15~25 Ω (For terminal 1-2)
Resistor	 <p>CN-47</p>	50 Ω	※ Check resistance Normal : 45~55 Ω

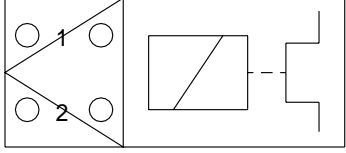
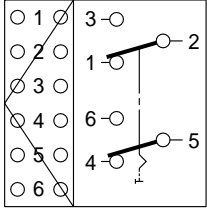
Part name	Symbol	Specifications	Check
Speaker	 <p data-bbox="448 465 576 521">CN-23(LH) CN-24(RH)</p>	20W	<p data-bbox="1018 365 1230 432">※ Check resistance Normal : 3~5 Ω</p>
Switch (Locking type)		24V 8A	<p data-bbox="1018 577 1369 786">※ Check contact Normal ON : 0 Ω (For terminal 1-5, 2-6) ∞ Ω (For terminal 5-7, 6-8) OFF : ∞ Ω (For terminal 1-5, 2-6) 0 Ω (For terminal 5-7, 6-8)</p>
Switch (Non-locking type)		24V 8A	<p data-bbox="1018 862 1369 1070">※ Check contact Normal ON : 0 Ω (For terminal 1-5, 2-6) ∞ Ω (For terminal 5-7, 6-8) OFF : ∞ Ω (For terminal 1-5, 2-6) 0 Ω (For terminal 5-7, 6-8)</p>
Head lamp	 <p data-bbox="432 1335 560 1368">CL-3, CL-4</p>	24V 70W (H3 TYPE)	<p data-bbox="1018 1223 1369 1290">※ Check disconnection Normal : 1.2 Ω (For terminal 1-2)</p>
Work lamp	 <p data-bbox="432 1619 560 1653">CL-5, CL-6</p>	24V 70W (H3 TYPE)	<p data-bbox="1018 1507 1369 1574">※ Check disconnection Normal : 1.2 Ω (For terminal 1-2)</p>
Room lamp	 <p data-bbox="432 1904 496 1937">CL-1</p>	24V 10W	<p data-bbox="1018 1792 1369 1859">※ Check disconnection Normal : A few Ω (For terminal 1-2)</p>

Part name	Symbol	Specifications	Check
Fuel filler pump	 <p>CN-61</p>	24V 10A 35 l /min	<ul style="list-style-type: none"> ※ Check operation · Supply power(24V) to terminal 1 pin · Connect ring terminal with ground and turn the operation switch ON.
Hour meter	 <p>CN-48</p>	-	<ul style="list-style-type: none"> ※ Check operation · Supply power(24V) to terminal (+) and connect terminal (-) to ground.
Horn	 <p>CN-20, CN-25</p>	DC 22.0~28.0V 2A	<ul style="list-style-type: none"> ※ Check operation · Supply power(24V) to each terminal and connect ground.
Safety switch	 <p>CS-4</p>	24V 15A (N.C TYPE)	<ul style="list-style-type: none"> ※ Check contact Normal : 0 Ω (For terminal 1-2) <li style="padding-left: 20px;">- ∞ Ω (For terminal 1-3) Operating : ∞ Ω (For terminal 1-2) <li style="padding-left: 20px;">- 0 Ω (For terminal 1-3)
Fuel cut-off	 <p>CN-79</p>	24V 25W	<ul style="list-style-type: none"> ※ Check resistance Normal : 15~25 Ω
Auto idle pressure switch	 <p>CD-6, CD-7</p>	10bar (N.C TYPE)	<ul style="list-style-type: none"> ※ Check contact Normal : 0.1 Ω

Part name	Symbol	Specifications	Check
Hydraulic temperature sensor	 <p>CD-1</p>	-	※ Check resistance 50°C : 800 Ω 80°C : 310 Ω 100°C : 180 Ω 120°C : 100 Ω
Beacon lamp	 <p>CL-7</p>	24V 70W	※ Check disconnection Normal : 1.1 Ω
Power boost switch	 <p>CS-29</p>	24V 6A	※ Check contact Normal : 15M Ω
Horn switch	 <p>CS-5</p>	24V 6A	※ Check contact Normal : 15M Ω
Ether	 <p>CN-78</p>	24V 15A	※ Check contact Normal : 1.1 Ω
Washer tank	 <p>CN-22</p>	24V 3.8A	※ Check contact Normal : 10.7 Ω (For terminal 1-2)

Part name	Symbol	Specifications	Check
Pedal switch	 <p>CS-26</p>	24V 15A	※ Check contact Normal ON : 0 Ω (For terminal)
Cigar lighter	 <p>CL-2</p>	24V 5A 1.4W	※ Check coil resistance Normal : About 1M Ω ※ Check contact Normal : ∞ Ω Operating time : 5 ~15sec
Swing speed control switch	 <p>CS-51</p>	0 Ω ~ 5kΩ	※ Check contact Normal : 4.5~5.5kΩ (For terminal 1-3) 0~5kΩ (For terminal 2-3)
Door switch	 <p>CS-1</p>	24V 20W	※ Check resistance Normal : About 5M Ω
Wiper motor	 <p>CN-21</p>	24V 2A	※ Check contact Normal : 10.5 Ω (For terminal 1-2) Washer spray : 0.2 Ω (For terminal 1-4) Wiper operating : 24V (For terminal 1-4) : 0V (For terminal 2-GND)
Cassette radio	 <p>CN-27</p>	24V 2A	※ Check contact Power ON : 15W+15W, 4 Ω +4 Ω (For terminal 1-6, 4-8) 24~27V(For terminal 7-GND, 2-GND)

Part name	Symbol	Specifications	Check
Receiver drier	 <p>CN-29</p>	24V 2.5A	※ Check contact Normal : 0 Ω
Start relay	 <p>CR-23</p>	24V 300A	※ Check contact Normal : 0.94 Ω (For terminal 1-2)
Starter	 <p>CN-45</p>	DELCO REMY 28MT 24V	※ Check contact Normal : 0.1 Ω
Alternator	 <p>CN-74</p>	24V 60A	※ Check contact Normal : 0 Ω (For terminal B ⁺ - I) Normal : 24~27.5V
Travel alarm	 <p>CN-65</p>	24V 0.5A	※ Check contact Normal : 5.2 Ω
Swing EPPR valve	 <p>CN-124</p>	700mA	※ Check resistance Normal : 15~25 Ω (For terminal 1-2)

Part name	Symbol	Specifications	Check
Compressor	 <p data-bbox="416 479 491 510">CN-28</p>	24V 79W	※ Check contact Normal : 13.4 Ω
Prolix switch	 <p data-bbox="485 790 544 822">CS-7</p>	24V~150V 15A	※ Check contact Normal : 0.2 Ω (For terminal 1-2) Emergency : 1.2 Ω (For terminal 2-3) : 50 Ω (For terminal 2-6) : 0 Ω (For terminal 5-6)