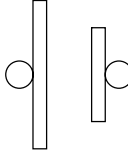
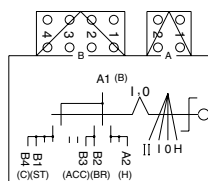
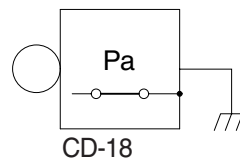
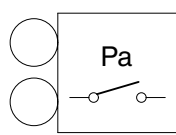
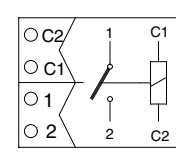
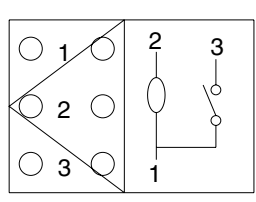
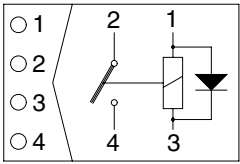
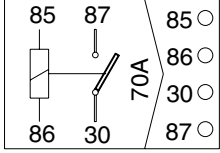
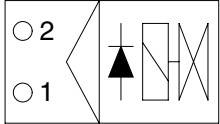
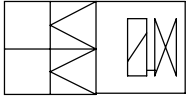
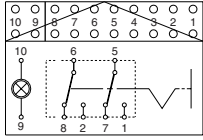
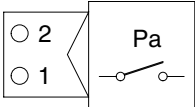
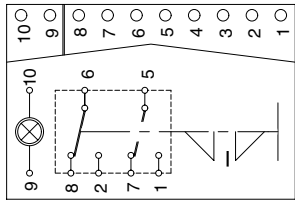
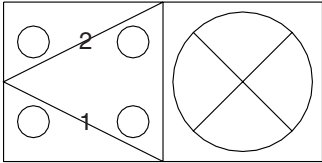
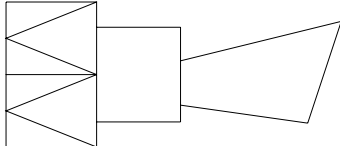
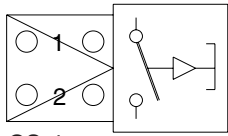
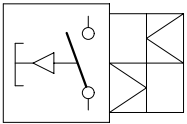
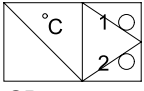
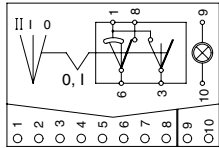
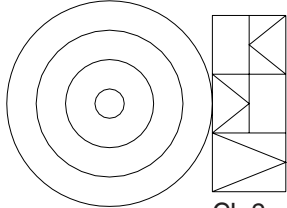
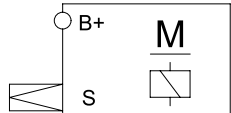
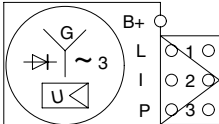
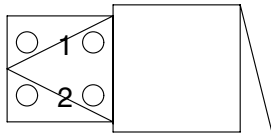
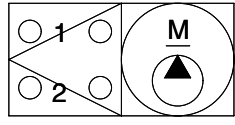


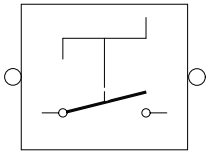
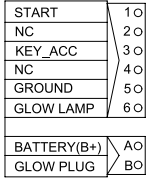
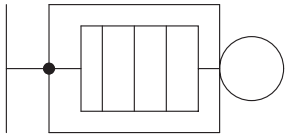
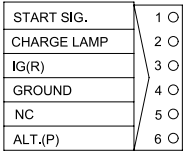
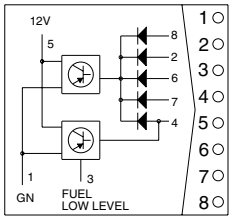
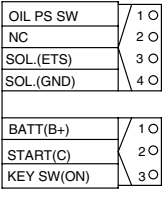
GROUP 4 ELECTRICAL COMPONENT SPECIFICATION

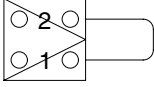
Part name	Symbol	Specification	Check
Battery		12V × 58Ah (5h rating)	※ Check specific gravity 1.280 over : Over charged 1.280 ~ 1.250 : Normal 1.250 below : Recharging
Start key	 <p>CS-2 CS-46</p>	12V	※ Check contact OFF : ∞ Ω (for each terminal) ON : 0 Ω (for terminal 1-3 and 1-2) START : 0 Ω (for terminal 1-5)
Pressure switch (for engine oil)	 <p>CD-18</p>	0.5 kgf/cm ² (N.C TYPE)	※ Check resistance Normal : 0 Ω (CLOSE)
Air cleaner pressure switch	 <p>CD-10</p>	Pressure: 635 mmH ₂ O (N.O TYPE)	※ Check contact Normal : ∞ Ω
Relay	 <p>CR-23</p>	12V 60A	※ Rated coil current 1.2±0.3A
Fuel sender	 <p>CD-2</p>	-	※ Check resistance Full : 30 Ω Low : 100 Ω Empty warning : 200 Ω

Part name	Symbol	Specification	Check
Relay	 <p>CR-2</p>	12V 20A	※ Check resistance Normal : About 200 Ω (for terminal 1-3) : 0 Ω (for terminal 2-4)
Relay	 <p>CR-35</p>	12V 70A	※ Rated coil current 1.2±0.3 A
Solenoid valve	 <p>CN-70 CN-68 CN-140 CN-258</p>	12V 1A	※ Check resistance Normal : 15~25 Ω (for terminal 1-2)
Solenoid valve (engine stop)	 <p>CN-79</p>	12V	※ Coil resistance : 1.8 Ω
Switch (locking type)	 <p>CS-8 CS-16 CS-23 CS-83</p>	12V 16A	※ Check contact Normal OFF - ∞ Ω (for terminal 1-5,2-6) - 0 Ω (for terminal 5-7,6-8)
Pressure switch	 <p>CD-11 CD-12</p>	10bar (N.C type)	※ Check contact Normal : 0.1 Ω

Part name	Symbol	Specification	Check
Quick clamp switch	 <p>CS-67</p>	12V 16A	※ Check contact Normal OFF - $\infty \Omega$ (For terminal 1-5,2-6) - 0Ω (For terminal 5-7,6-8)
Lamp	 <p>CL-4 CL-5</p>	12V 55W (H3 TYPE)	※ Check disconnection Normal : 1.2Ω
Horn	 <p>CN-20</p>	12V 6A	132 ± 5 dB
Safety switch	 <p>CS-4</p>	Micro 12V 15A	※ Check contact Normal : 0Ω Operating : $\infty \Omega$
Horn switch	 <p>CS-5 CS-16</p>	12V 10A	※ Check contact Normal : 0Ω
Water temp sender	 <p>CD-8</p>	-	※ Check contact 50°C : $0.748\sim 0.904 \Omega$ 67°C : $0.538\sim 0.650 \Omega$ 102°C : $0.185\sim 0.167 \Omega$ 110°C : $0.143\sim 0.130 \Omega$ 135°C : $0.076\sim 0.100 \Omega$

Part name	Symbol	Specification	Check
Light switch	 <p>CS-21</p>	12V 16A	※ Check contact Normal : $\infty \Omega$
Cigar lighter	 <p>CL-2</p>	12V 10A 1.4W	※ Check coil resistance Normal : About 1M Ω ※ Check contact Normal : $\infty \Omega$ Operating time : 5~15sec
Starter	 <p>CN-45</p>	12V	※ Check contact Normal : 0.1 Ω
Alternator	 <p>CN-74</p>	12V 40A	※ Check contact Normal : 0 Ω (For terminal B ⁺ -1) Normal : 10 ~ 12.5V
Travel alarm	 <p>CN-81</p>	12V	-
Fuel feed pump	 <p>CN-145</p>	12V	-

Part name	Symbol	Specification	Check
Master switch	 <p>CS-74</p>	12V 1000A	-
Glow timer	 <p>CR-24, CR-36</p>	12V	-
Air-heater	 <p>CN-80</p>	12V 42A 500W	-
Safety relay	 <p>CN-165</p>	12V 1400rpm/ Alternator	※ Contact capacity : Rush : 100A Steady-State : 50A (30sec)
Detector	 <p>CN-167</p>	12V	-
Control time relay	 <p>CR-77 CR-79</p>	12V	-

Part name	Symbol	Specification	Check
Fusible link	 <p data-bbox="517 421 596 450">CN-60</p>	27A	<p data-bbox="1007 353 1257 383">※ Check coil resistance</p> <p data-bbox="1007 389 1257 418">Normal : 3.26m Ω /m</p>