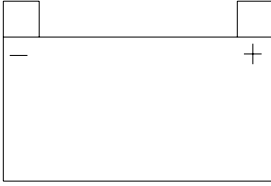
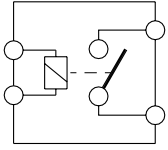
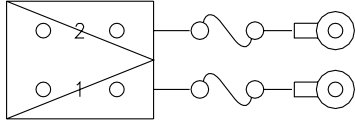
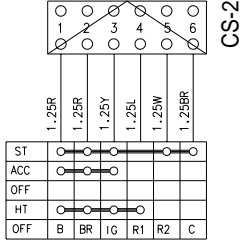
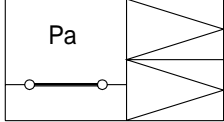
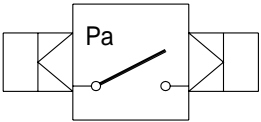
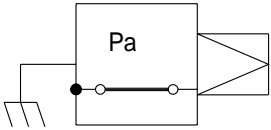
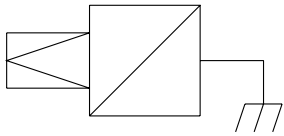
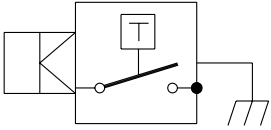
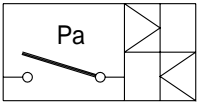
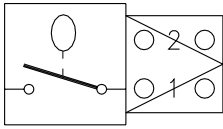
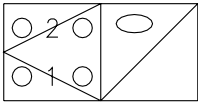
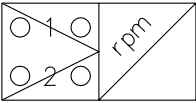
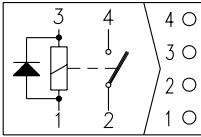
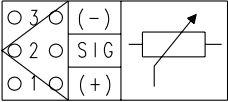
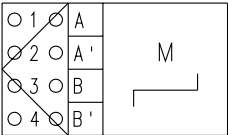
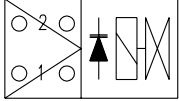
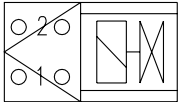
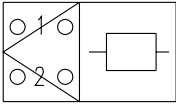
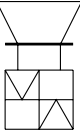
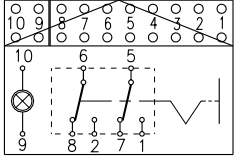
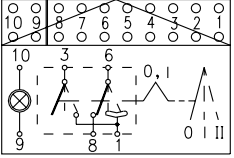
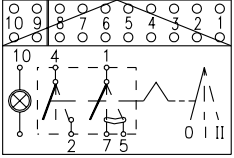
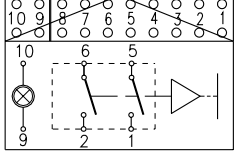


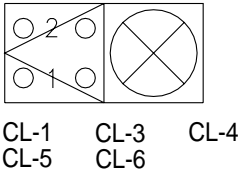
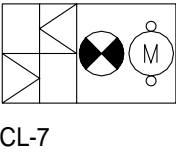
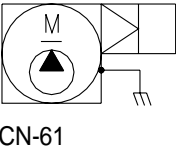
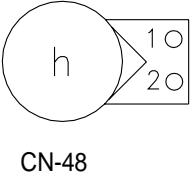
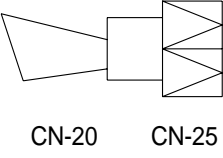
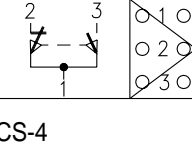
## GROUP 4 ELECTRICAL COMPONENT SPECIFICATION

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	 CR-1	Rated load : 24V 100A(continuity) 1000A(30seconds)	※ Check coil resist Normal : About 50 Ω ※ Check contact Normal : ∞Ω
Fusible link	 CN-60	60A	※ Check disconnection Normal : 0 Ω (connect ring terminal and check resist between terminal 1 and 2)
Start key	 CS-2	-	※ Check contact OFF : ∞Ω (for each terminal) ON : 0 Ω (for terminal 1-3 and 1-5) START : 0 Ω (for terminal 1-3 and 1-5)
Pressure switch (for auto idle)	 CD-6 CD-7	10kg/cm <sup>2</sup> (N. C TYPE)	※ Check contact Normal : 0 Ω (CLOSE)
Pressure switch (for travel alarm)	 CD-11~CD-14	4 ~ 6kg/cm <sup>2</sup> (N. O TYPE)	※ Check contact Normal : ∞Ω(OPEN)

Part name	Symbol	Specifications	Check
Pressure switch (for engine oil)	 <p>CD-18</p>	0.5kg/cm <sup>2</sup> (N. C TYPE)	※ Check contact Normal : 0 Ω (CLOSE)
Coolant temperature sensor	 <p>CD-8</p>	-	※ Check resist 50°C : 153.9 Ω 80°C : 51.9 Ω 100°C : 27.4 Ω
Coolant overheat sensor	 <p>CD-9</p>	-	※ Check resist Normal : ∞Ω 105°C over : 0 Ω
Air cleaner pressure switch	 <p>CD-10</p>	Pressure:635mm H <sub>2</sub> O (N.O TYPE)	※ Check contact Normal : ∞Ω (OPEN)
Coolant level sensor	 <p>CD-16</p>	-	※ Check contact High level : ∞Ω Low level : 0 Ω
Fuel sender	 <p>CD-2</p>	-	※ Check resist Full : 3 Ω 5/6 : 25 Ω 4/6 : 35 Ω 3/6 : 68 Ω 2/6 : 95 Ω 1/6 : 110 Ω Empty warning :180 Ω

Part name	Symbol	Specifications	Check
Tacho sensor	 <p>CD-17</p>	-	※ Check resist Normal : 300 Ω
Relay	 <p>CR-2 AC RY1            CR-3 AC RY2            CR-13</p>	-	※ Check resist Normal - About 200 Ω (for terminal 1-3) - ∞Ω (for terminal 2-4)
Potentiometer	 <p>CN-77</p>	-	※ Check resist Normal - About 5kΩ (for terminal 1-3) - 0.6kΩ~5kΩ (for terminal 2-3)
Governor motor	 <p>CN-76</p>	-	※ Check resist Normal - 5~6 Ω (for terminal 1-2) - 5~6 Ω (for terminal 3-4)
Solenoid valve	 <p>CN-66 CN-88            CN-68 CN-89            CN-70</p>	-	※ Check resist Normal - 15~25 Ω (for terminal 1-2)
EPPR valve	 <p>CN-75</p>	24V 1A	※ Check resist Normal - 18~25 Ω (for terminal 1-2)

Part name	Symbol	Specifications	Check
Resistor	 <p data-bbox="523 465 592 495">CN-47</p>	50 Ω 20W	※ Check resist Normal - 50 Ω
Speaker	 <p data-bbox="552 745 671 801">CN-23(LH) CN-24(RH)</p>	4 Ω 20W	※ Check resist Normal - 50 Ω
Switch (Locking type)	 <p data-bbox="469 1037 751 1093">CS-16 CS-23 CS-27 CS-50 CS-54</p>	24V 8A	※ Check contact Normal OFF - ∞Ω (for terminal 1-5,2-6) - 0 Ω (for terminal 5-7,6-8)
Switch (Locking type)	 <p data-bbox="496 1339 549 1368">CS-3</p>	24V 8A	※ Check contact Normal OFF - ∞Ω (for terminal 1-6) - 0 Ω (for terminal 6-8)
Switch (Locking type)	 <p data-bbox="496 1619 564 1648">CS-39</p>	24V 8A	※ Check contact Normal OFF - ∞Ω (for terminal 1-5,2-4)
Switch (Non-locking type)	 <p data-bbox="496 1899 564 1928">CS-22</p>	24V 8A	※ Check contact Normal OFF - ∞Ω (for terminal 1-5,2-6) - 0 Ω (for terminal 5-7,6-8)

Part name	Symbol	Specifications	Check
Head lamp, Work lamp, Room lamp	 <p>CL-1 CL-3 CL-4 CL-5 CL-6</p>	24V 75W/70W (H3 TYPE)	※ Check disconnection Normal : A few $\Omega$
Beacom lamp	 <p>CL-7</p>	24V 75W/70W (H3 TYPE)	※ Check disconnection Normal : A few $\Omega$
Fuel filler pump	 <p>CN-61</p>	24V 35 l /min	※ Check operation · Supply power(24V) to terminal 1 pin · Connect ring terminal with ground and switch turn ON.
Hour meter	 <p>CN-48</p>	-	※ Check operation · Supply power(24V) to terminal No. 2 and connect terminal No. 1 and ground.
Horn	 <p>CN-20 CN-25</p>	24V 8A	※ Check operation · Supply power(24V) to each terminal and connect ground.
Safety switch	 <p>CS-4</p>	24V (N.C TYPE)	※ Check contact Normal - 0 $\Omega$ (for terminal 1-3) - $\infty\Omega$ (for terminal 1-2) Operating - $\infty\Omega$ (for terminal 1-3) - 0 $\Omega$ (for terminal 1-2)