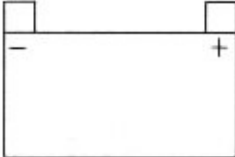
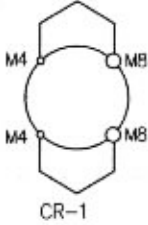
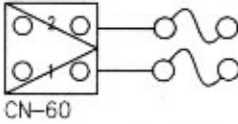
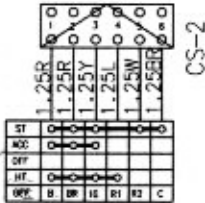
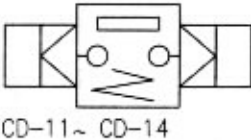
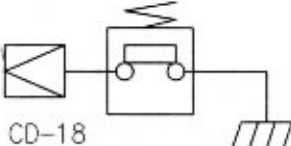
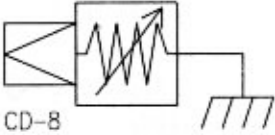
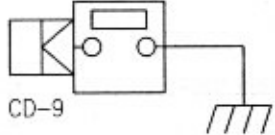
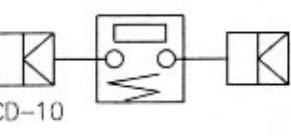
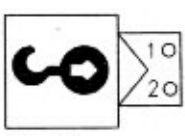
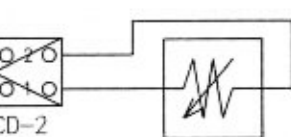
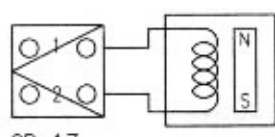
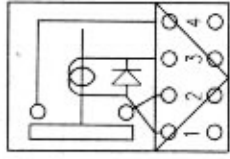
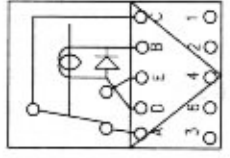
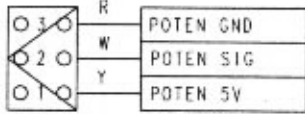
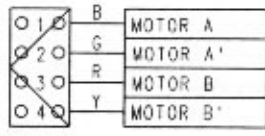
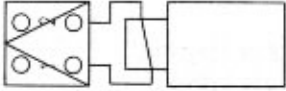
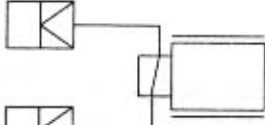
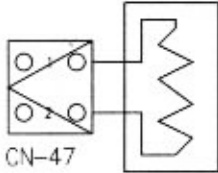
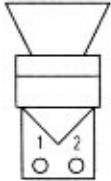
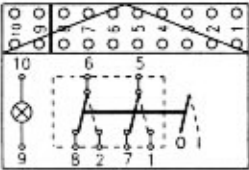
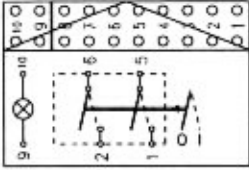
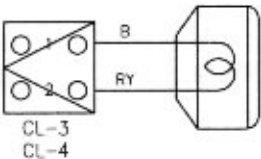
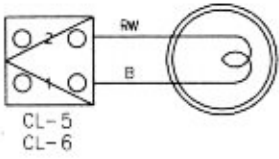


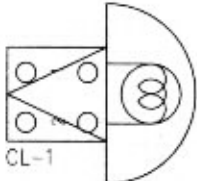
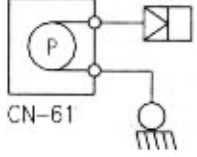
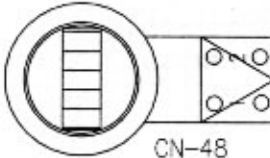
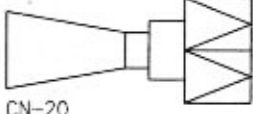
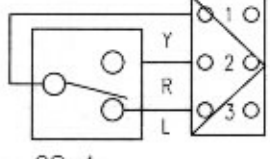
GROUP 4 ELECTRICAL COMPONENT SPECIFICATION

Part name	Symbol	Specifications	Check
Battery		12V × 100Ah (2EA)	<ul style="list-style-type: none"> ※ Check specific gravity <li style="padding-left: 20px;">1.280 over : over charged <li style="padding-left: 20px;">1.280 ~ 1.250 : normal <li style="padding-left: 20px;">1.250 below : recharging
Battery relay		Rated load : 24V 100A(continuity) 1000A(30seconds)	<ul style="list-style-type: none"> ※ Check coil resist <li style="padding-left: 20px;">Normal : about 50 Ω ※ Check contact <li style="padding-left: 20px;">Normal : ∞ Ω
Fusible link		60A	<ul style="list-style-type: none"> ※ Check disconnection <li style="padding-left: 20px;">Normal : 0 Ω <li style="padding-left: 20px;">(connect ring terminal and check resist between terminal 1 and 2)
Start key		-	<ul style="list-style-type: none"> ※ Check contact <li style="padding-left: 20px;">OFF : ∞ Ω (for each terminal) <li style="padding-left: 20px;">ON : 0 Ω (for terminal 1-3 and 1-5) <li style="padding-left: 20px;">START : 0 Ω (for terminal 1-3 and 1-5)
Pressure switch (for travel alarm)		4 ~ 6kg/cm ² (N. O TYPE)	<ul style="list-style-type: none"> ※ Check contact <li style="padding-left: 20px;">Normal : ∞ (OPEN)
Pressure switch (for engine oil)		0.5kg/cm ² (N. C TYPE)	<ul style="list-style-type: none"> ※ Check contact <li style="padding-left: 20px;">Normal : 0 Ω (CLOSE)

Part name	Symbol	Specifications	Check
Coolant temperature sensor	 <p>CD-8</p>	-	※ Check resist 50°C : 153.9Ω 80°C : 51.9Ω 100°C : 27.4Ω
Coolant overheat sensor	 <p>CD-9</p>	-	※ Check resist Normal : ∞Ω 105°C over : 0Ω
Air cleaner pressure switch	 <p>CD-10</p>	Pressure:635mm H ₂ O (N.O TYPE)	※ Check contact Normal : ∞Ω
Overload lamp	 <p>CL-23</p>	-	※ Check operation . Supply power(24V) to terminal NO. 2 and connect terminal NO. 1 and ground.
Fuel sender	 <p>CD-2</p>	-	※ Check resist Full : 3Ω 5/6 : 25Ω 4/6 : 35Ω 3/6 : 68Ω 2/6 : 95Ω 1/6 : 110Ω Empty warning : 180Ω
Tacho sensor	 <p>CD-17</p>	-	※ Check resist Normal : 300Ω

Part name	Symbol	Specifications	Check
Relay	 <p>CR-2</p>	-	* Check resist Normal - About 200 Ω (for terminal 1-3) - ∞ Ω (for terminal 2-4)
Relay	 <p>CR-4</p>	-	* Check resist Normal - About 160 Ω (for terminal 2-6) - 0 Ω (for terminal 1-3) - ∞ Ω (for terminal 1-4)
Potentiometer	 <p>CN-77</p>	-	* Check resist Normal - About 5 kΩ (for terminal 1-3) - 0.6 kΩ - 5 kΩ (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-88</p>	24V 1A	* Check resist Normal - 15-25 Ω (for terminal 1-2)
EPPR valve	 <p>CN-75</p>	24V	* Check resist Normal - 18-25 Ω (for terminal 1-2)

Part name	Symbol	Specifications	Check
Resister	 <p>CN-47</p>	50 Ω 20W	※ Check resist Normal - 50 Ω
Speaker	 <p>CN-23(LH) CN-24(RH)</p>	4 Ω 20W	※ Check resist Normal - 50 Ω
Switch (Locking type)		24V 8A	※ 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)
Switch (Non-locking type)		24V 8A	※ 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)
Head lamp	 <p>CL-3 CL-4</p>	24V 75W/70W (H4 TYPE)	※ Check disconnection Normal : a few Ω
Work lamp	 <p>CL-5 CL-6</p>	24V 75W/70W (H4 TYPE)	※ Check disconnection Normal : a few Ω

Part name	Symbol	Specifications	Check
Room light	 <p>CL-1</p>	24V 10W	※ Check disconnection Normal : a few Ω
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 Ω (for terminal 1-3) - ∞ Ω (for terminal 1-2) Operating - ∞ Ω (for terminal 1-3) - 0 Ω (for terminal 1-2)