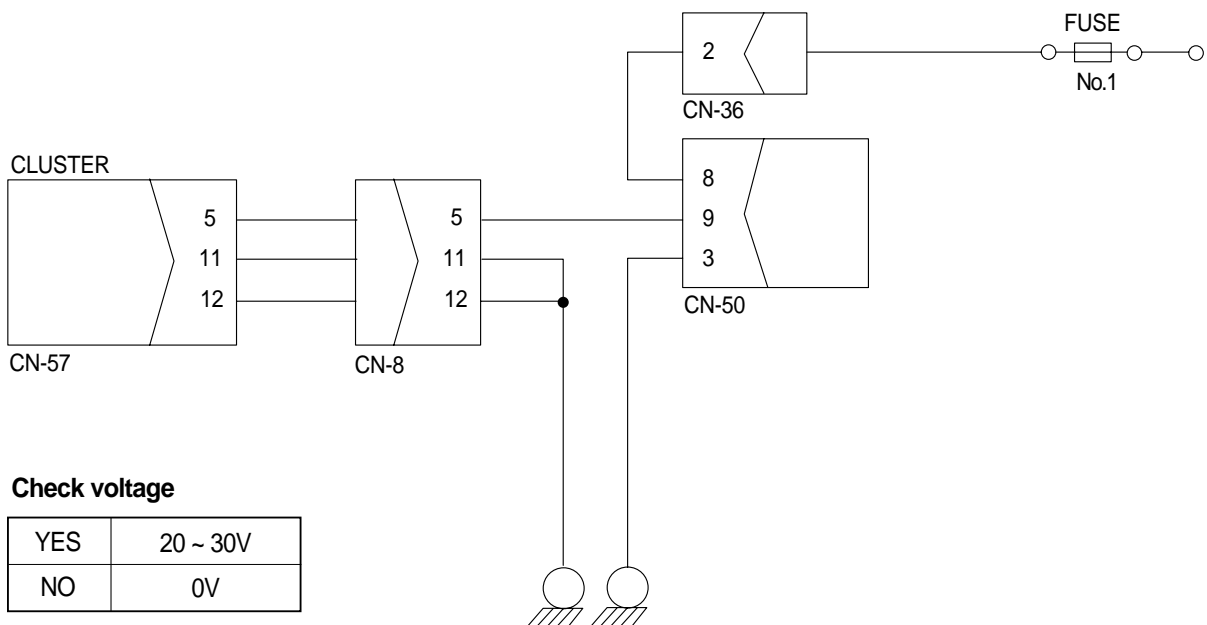
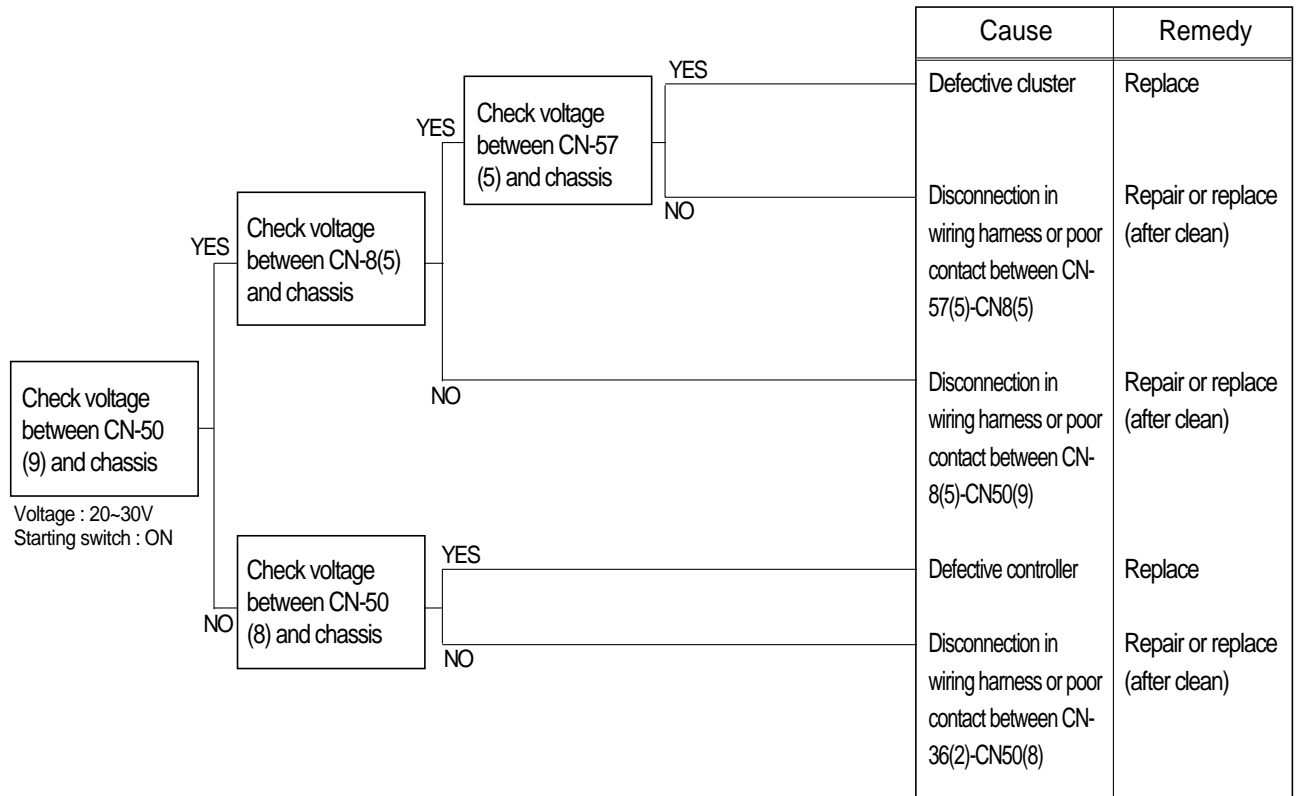


## GROUP 2 ELECTRICAL SYSTEM

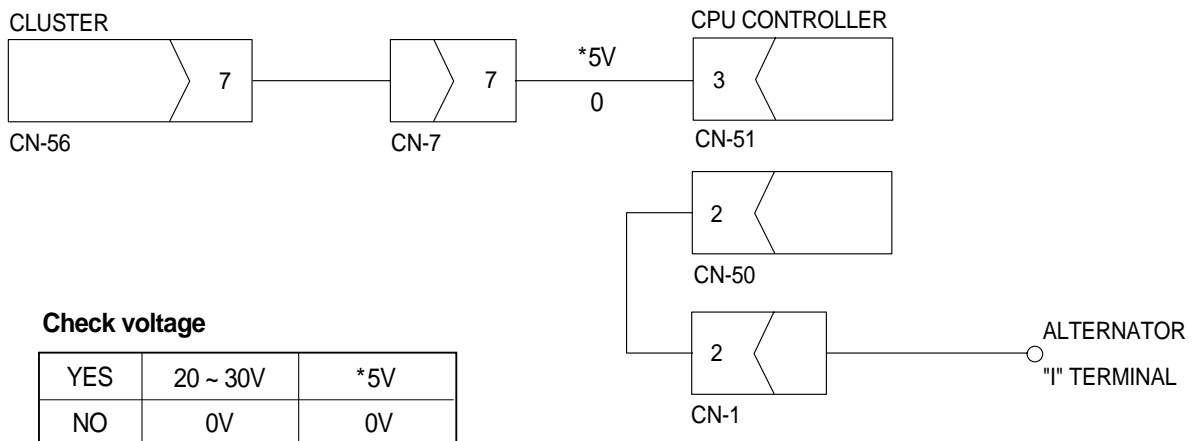
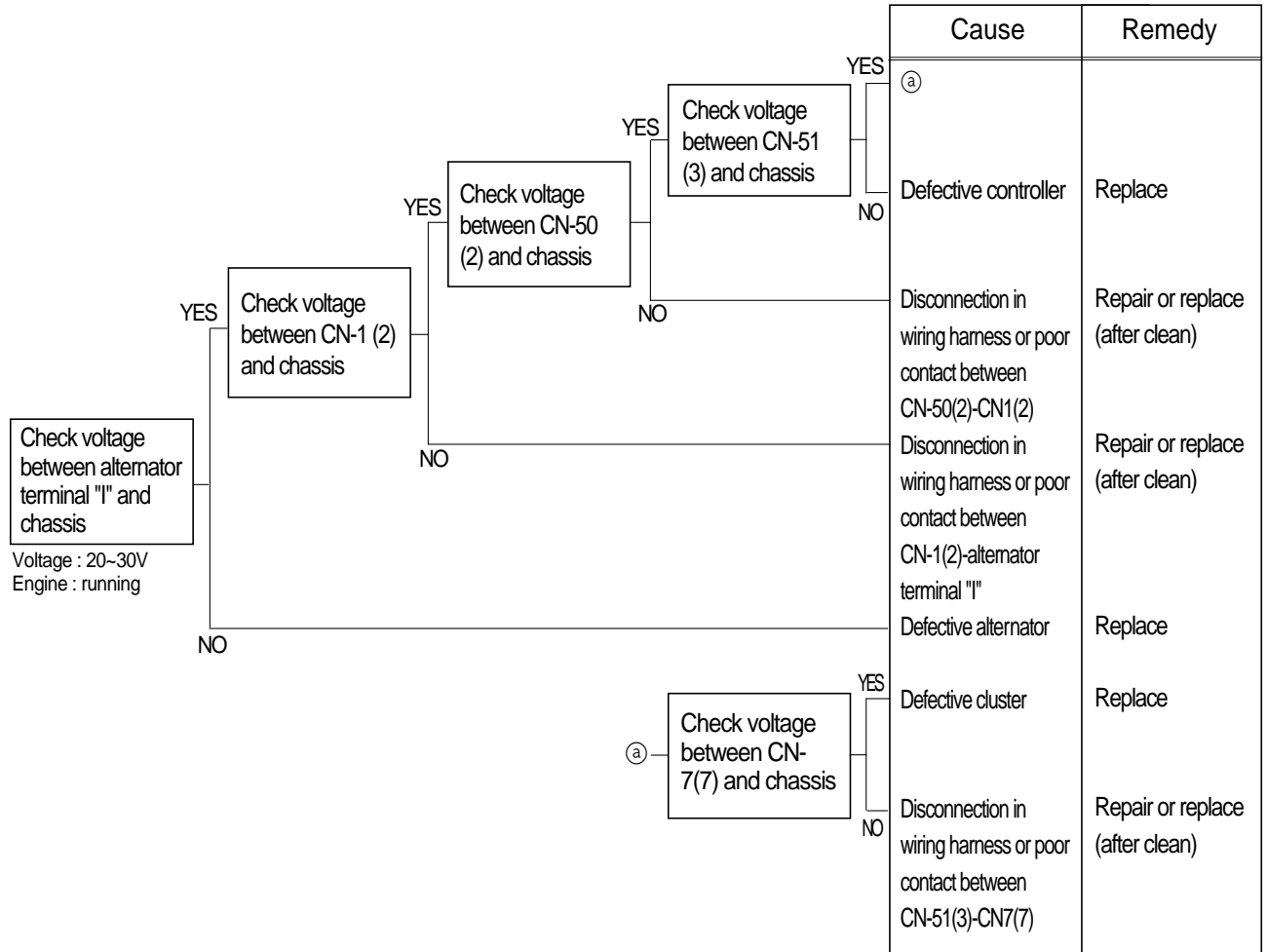
### 1. WHEN STARTING SWITCH IS TURNED ON, MONITOR PANEL DISPLAY DOES NOT APPEAR

- Before disconnecting the connector, always turn the starting switch OFF.
- Before carrying out below procedure, check all the related connectors are properly inserted and the fuse No.1 is not blown out.
- After checking, connect the disconnected connectors again immediately unless otherwise specified.



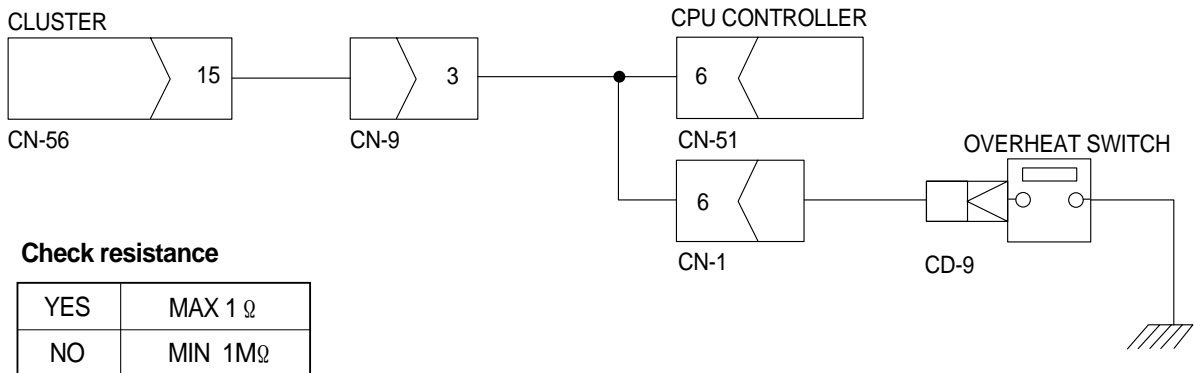
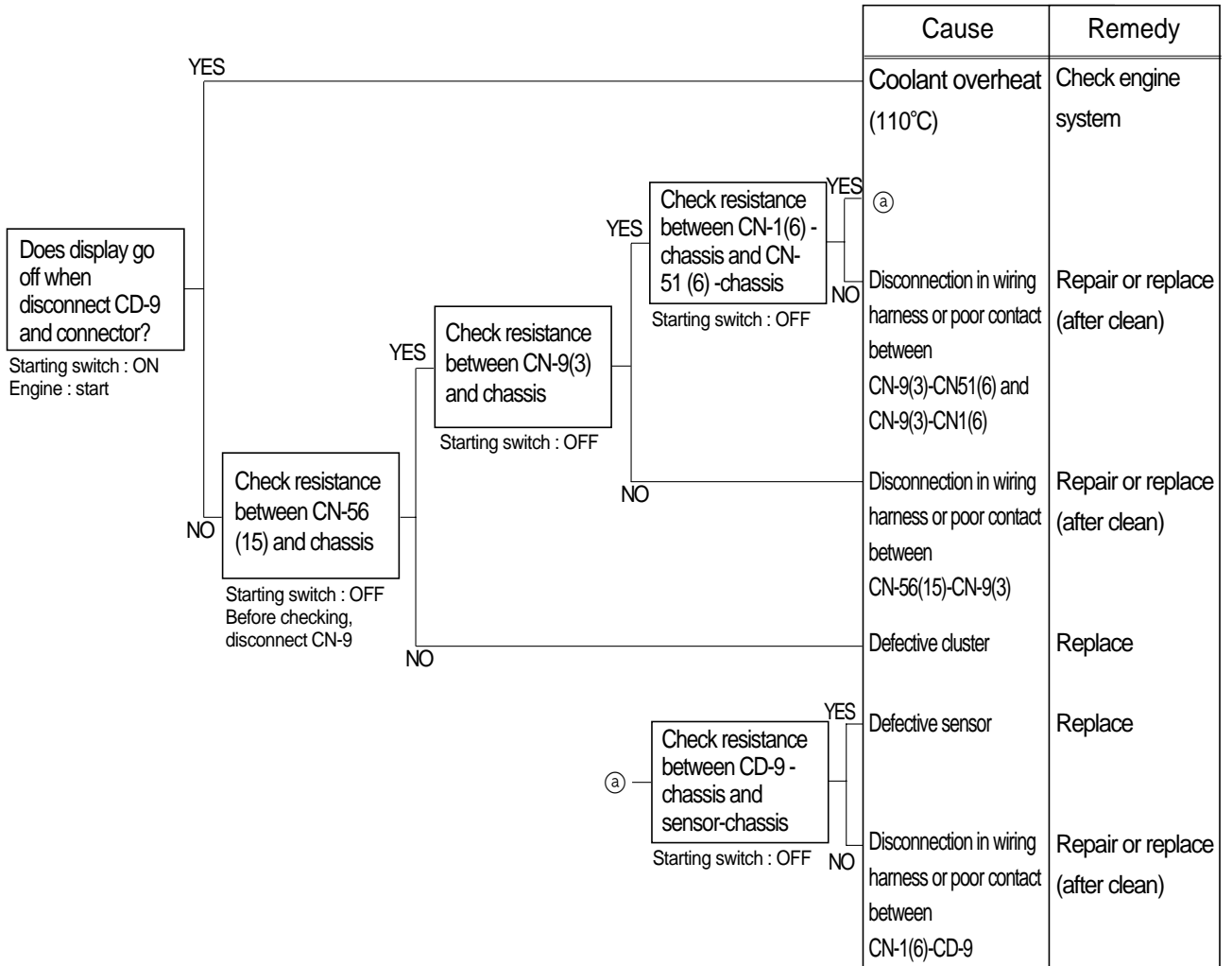
## 2. BATTERY CHARGING LAMP LIGHTS UP(Starting switch : ON)

- Before disconnecting the connector, always turn the starting switch OFF.
- Before carrying out below procedure, check all the related connectors are properly inserted.
- After checking, connect the disconnected connectors again immediately unless otherwise specified.



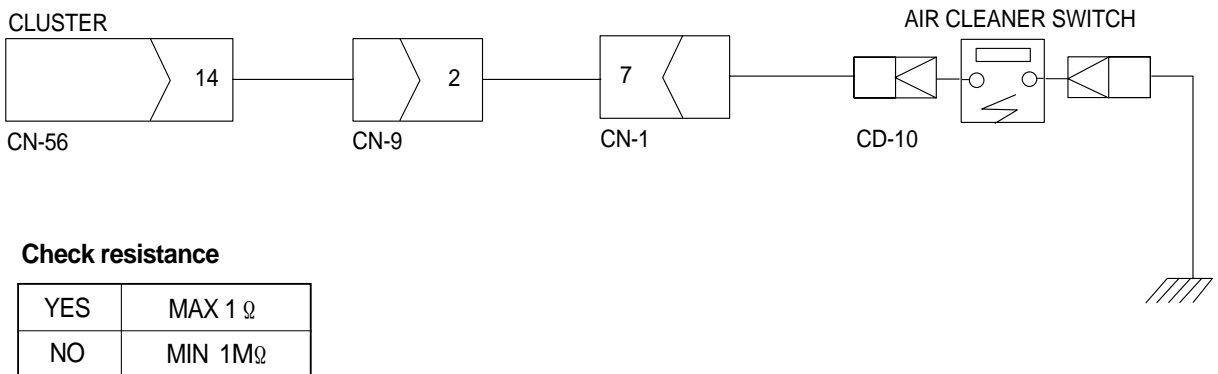
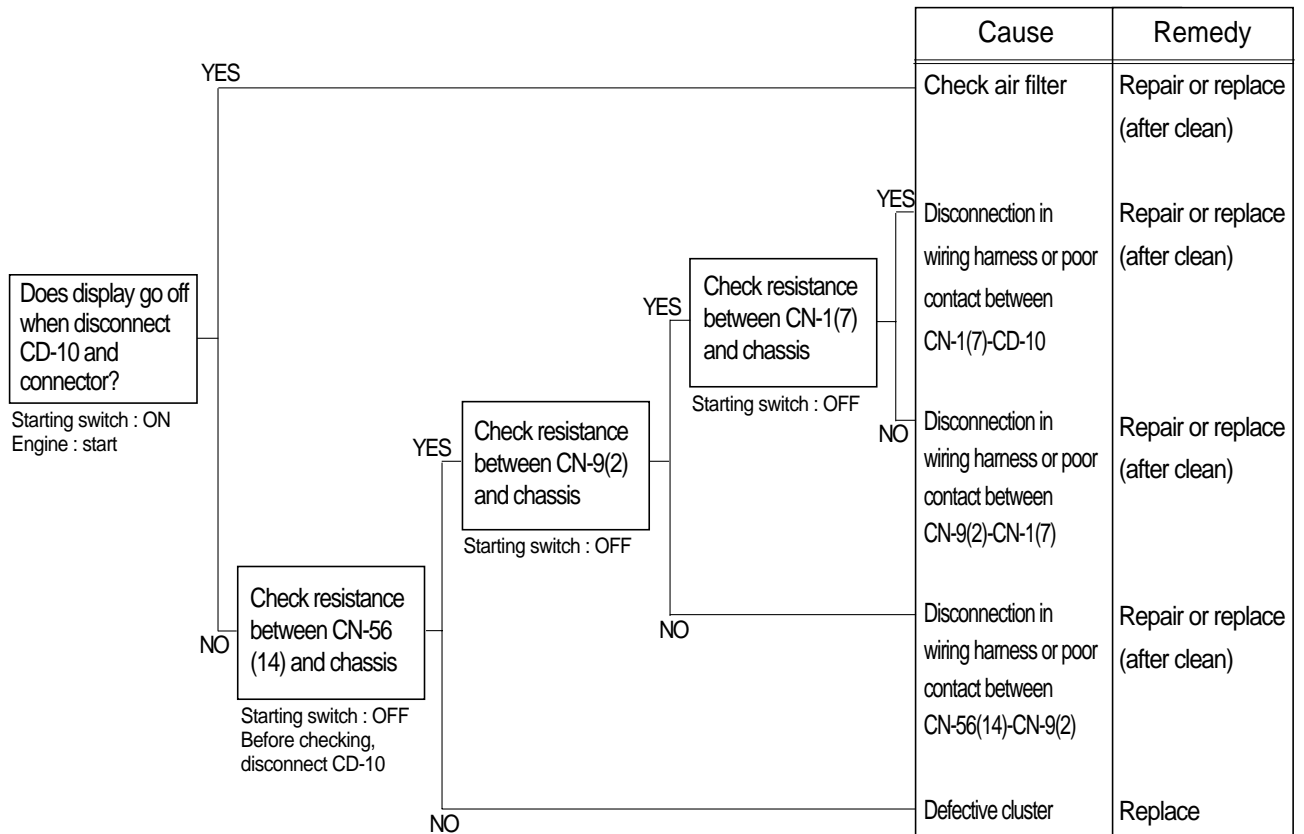
### 3. WHEN COOLANT OVERHEAT LAMP LIGHTS UP(Engine is started)

- Before disconnecting the connector, always turn the starting switch OFF.
- Before carrying out below procedure, check all the related connectors are properly inserted.
- After checking, connect the disconnected connectors again immediately unless otherwise specified.



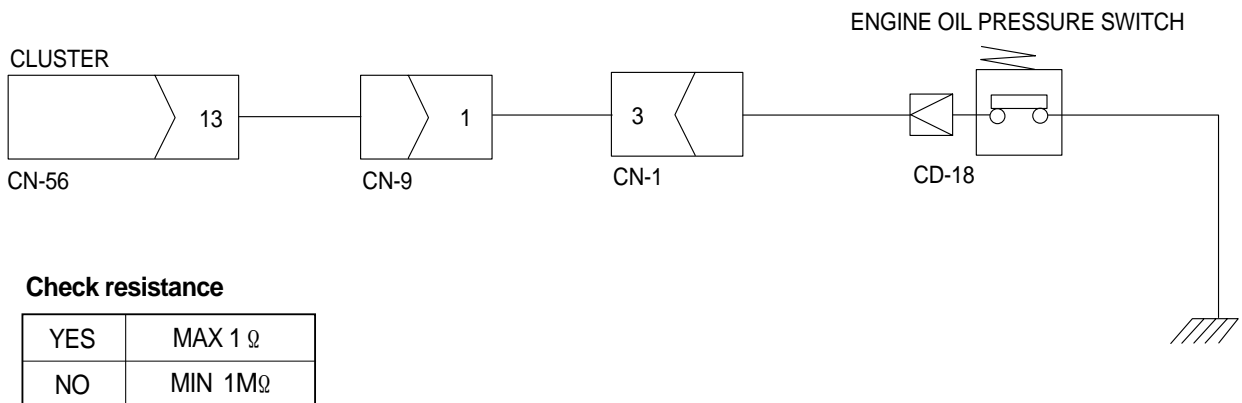
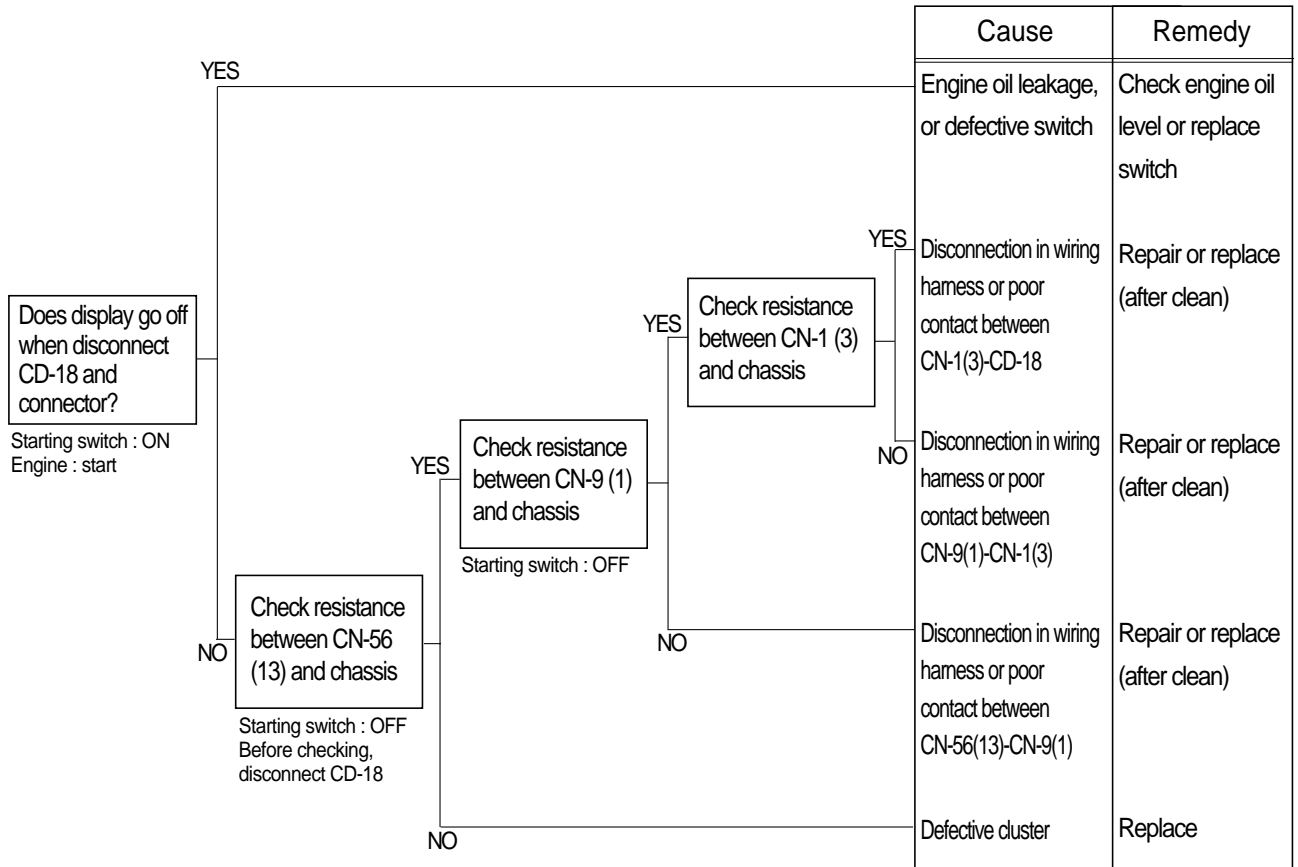
#### 4. WHEN AIR CLEANER LAMP LIGHTS UP(Engine is started)

- Before disconnecting the connector, always turn the starting switch OFF.
- Before carrying out below procedure, check all the related connectors are properly inserted.
- After checking, connect the disconnected connectors again immediately unless otherwise specified.



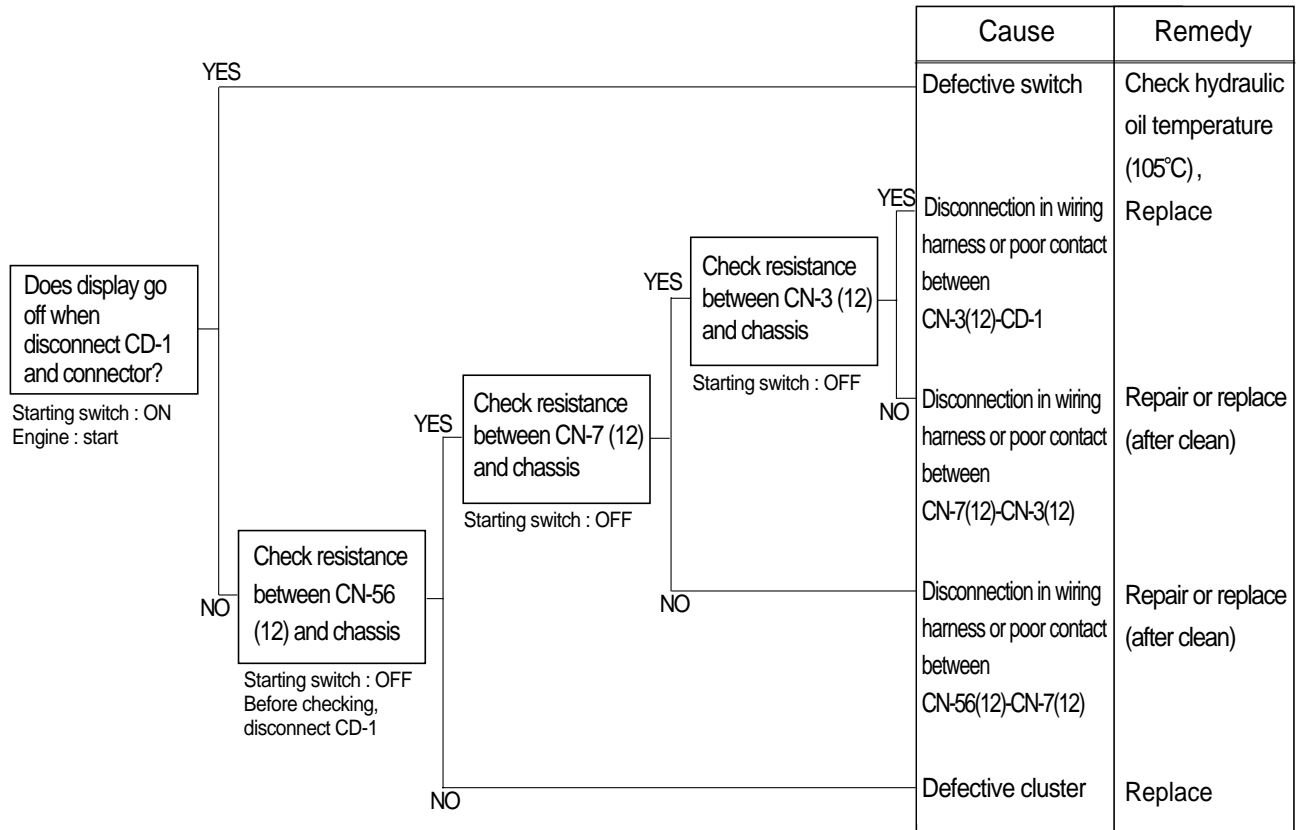
## 5. WHEN ENGINE OIL PRESSURE LAMP LIGHTS UP(Engine is started)

- Before disconnecting the connector, always turn the starting switch OFF.
- Before carrying out below procedure, check all the related connectors are properly inserted.
- After checking, connect the disconnected connectors again immediately unless otherwise specified.



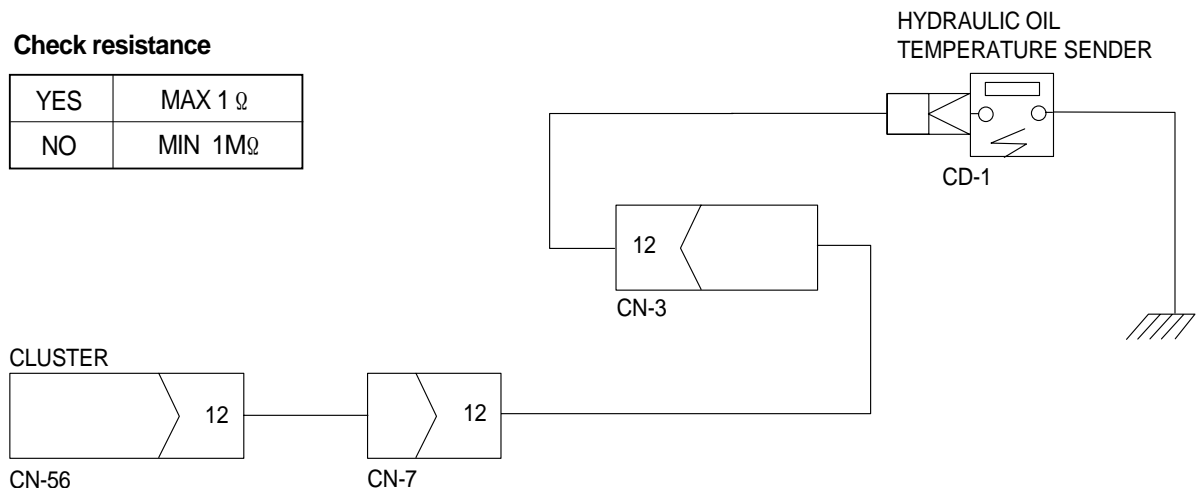
## 6. WHEN HYDRAULIC OIL TEMPERATURE LAMP LIGHTS UP(Engine is started)

- Before disconnecting the connector, always turn the starting switch OFF.
- Before carrying out below procedure, check all the related connectors are properly inserted.
- After checking, connect the disconnected connectors again immediately unless otherwise specified.



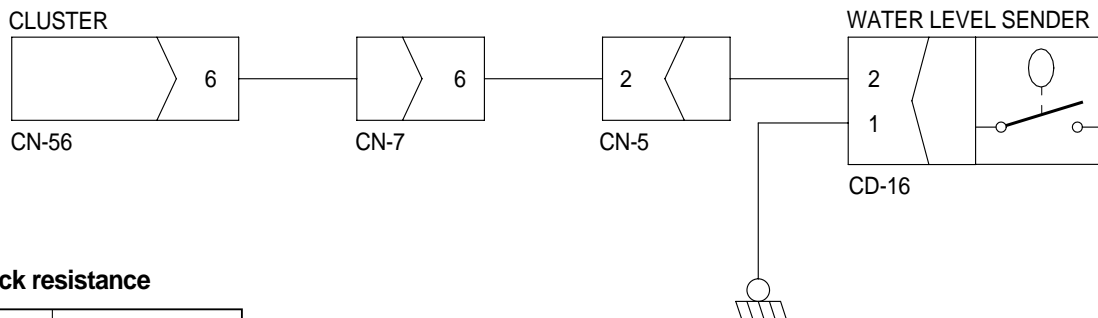
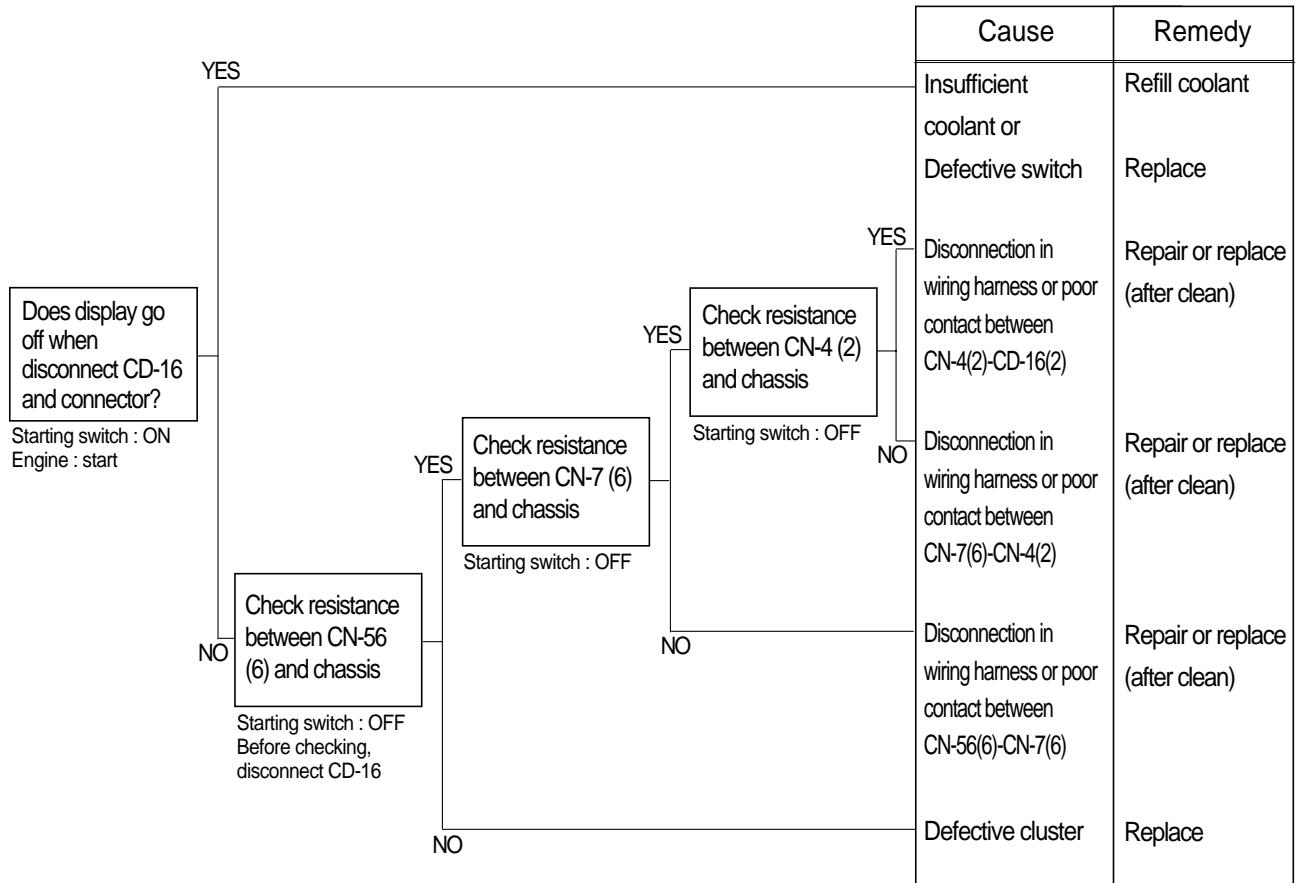
### Check resistance

YES	MAX 1 Ω
NO	MIN 1MΩ



## 7. WHEN COOLANT LEVEL LAMP LIGHTS UP(Engine is started)

- Before disconnecting the connector, always turn the starting switch OFF.
- Before carrying out below procedure, check all the related connectors are properly inserted.
- After checking, connect the disconnected connectors again immediately unless otherwise specified.



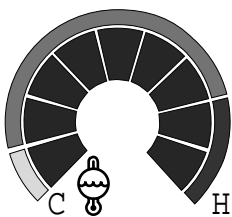
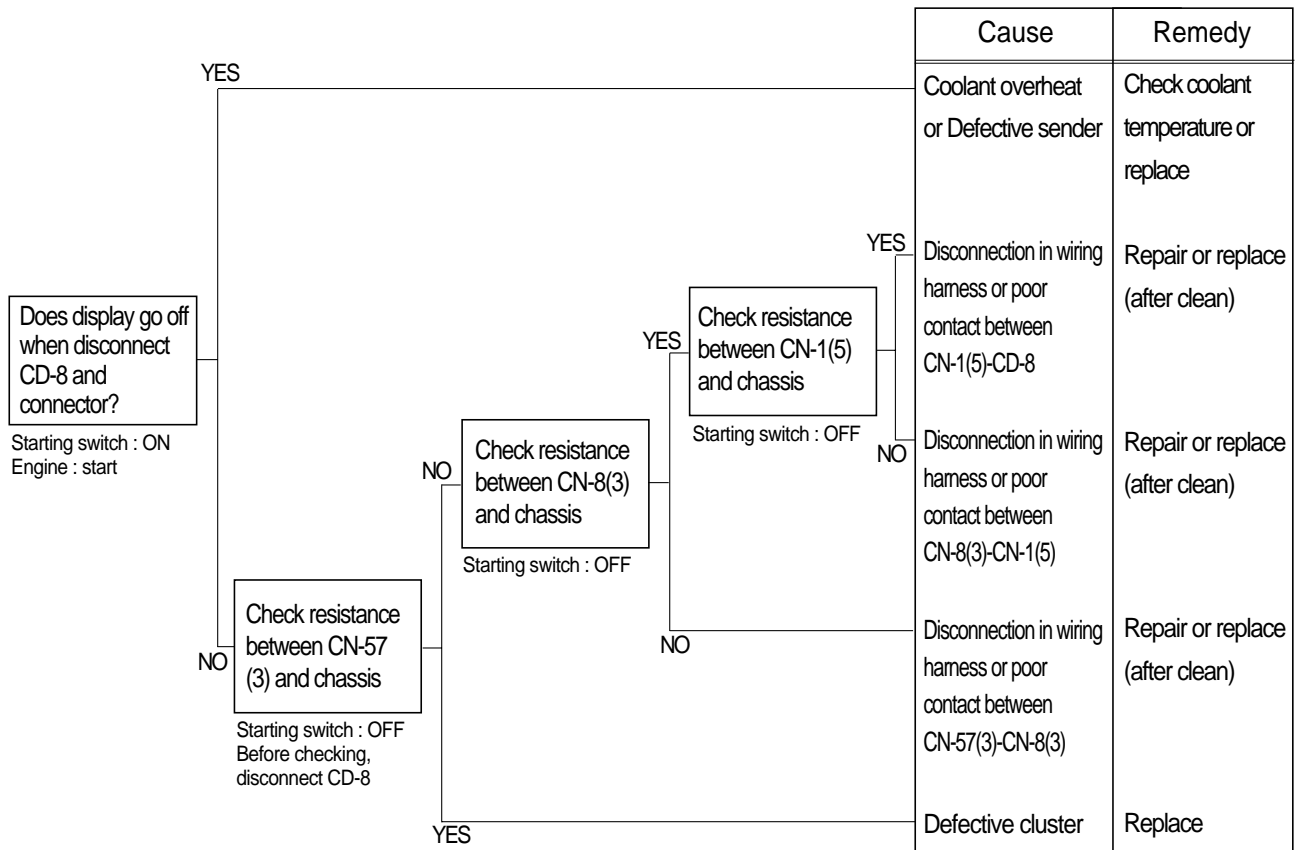
### Check resistance

YES	MAX 1 Ω
NO	MIN 1MΩ

## 8. WHEN COOLANT TEMPERATURE GAUGE DOES NOT OPERATE

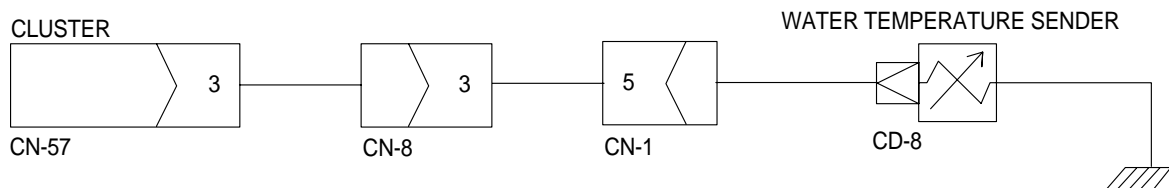
(Check coolant temperature lamp ON/OFF)

- Before disconnecting the connector, always turn the starting switch OFF.
- Before carrying out below procedure, check all the related connectors are properly inserted and the fuse No.1 is not blown out.
- After checking, connect the disconnected connectors again immediately unless otherwise specified.



Check Table

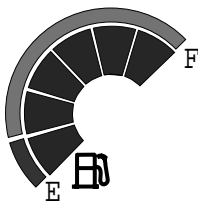
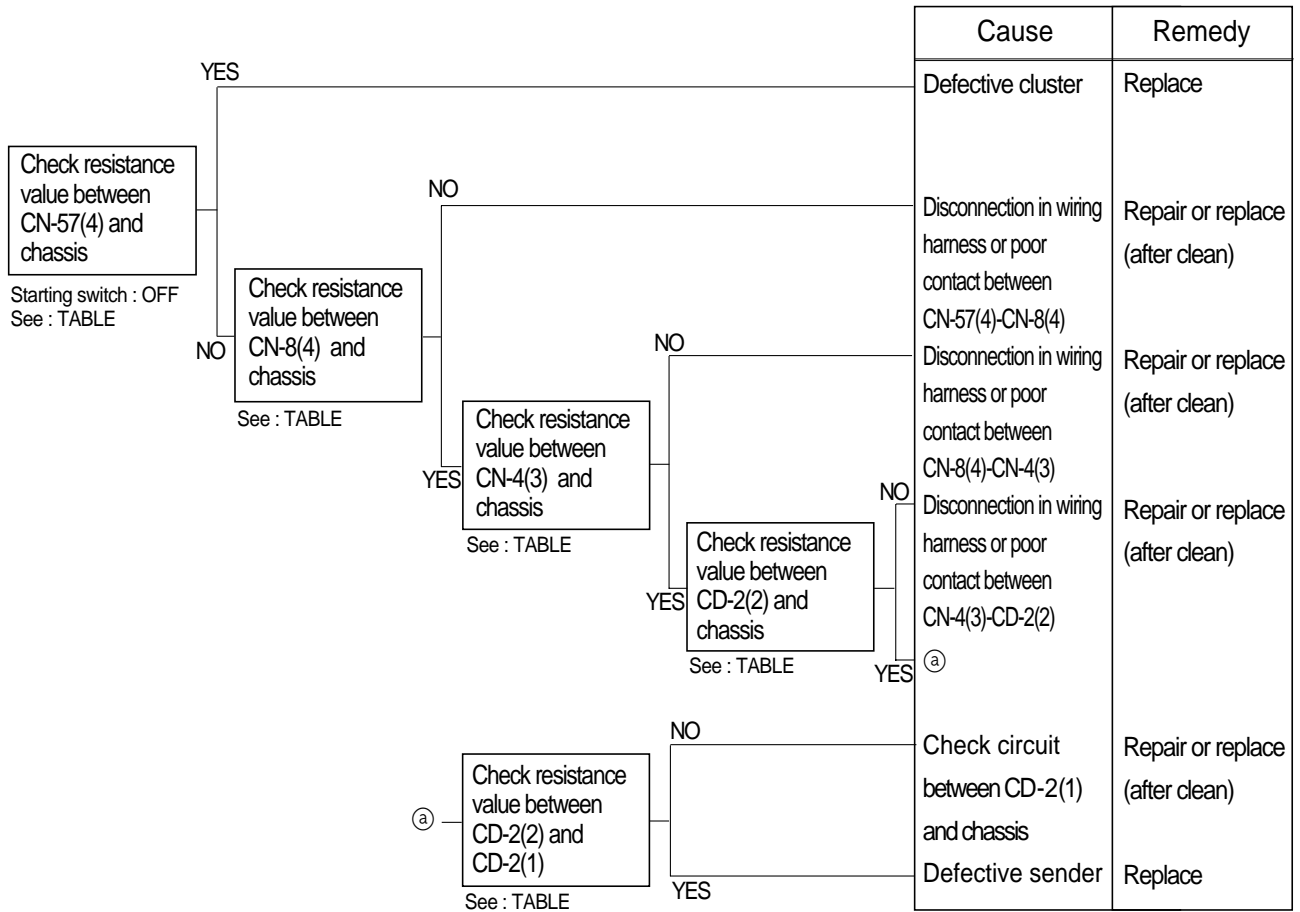
Temperature	(50°C)	80°C	100°C	(120°C)
Item	(50°C)	80°C	100°C	(120°C)
Unit Resistance(Ω)	(153.9)	51.9	27.4	(16.1)
Tolerance	+25, -20	+4.9, -1.2	+1.9, -1.2	±1.2





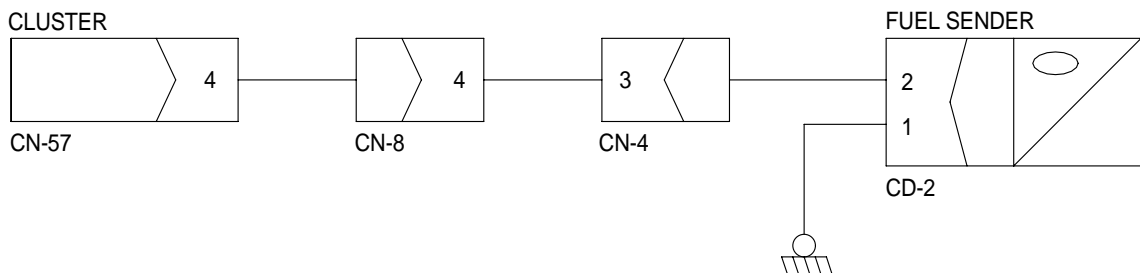
## 9. WHEN FUEL GAUGE DOES NOT OPERATE(Check warning lamp ON/OFF)

- Before disconnecting the connector, always turn the starting switch OFF.
- Before carrying out below procedure, check all the related connectors are properly inserted.
- After checking, connect the disconnected connectors again immediately unless otherwise specified.



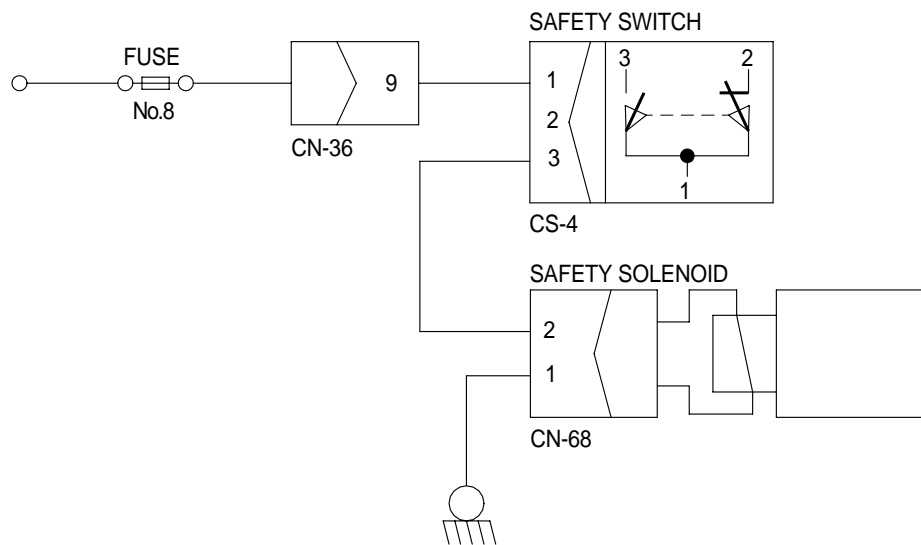
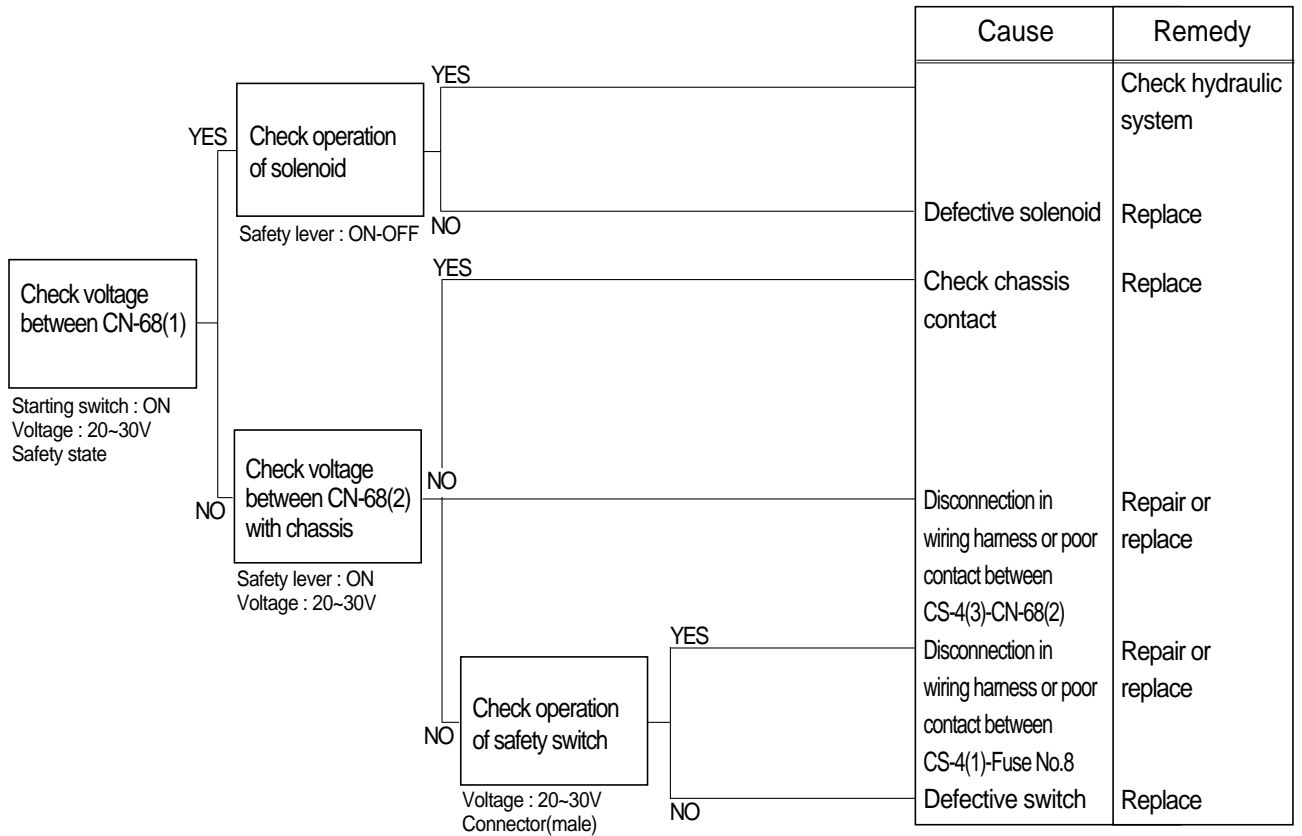
Check Table

Item \ Level	Empty	(1/2)	Full
Unit Resistance( $\Omega$ )	110	(32.5)	3
Tolerance	$\pm 3$		$\pm 2$



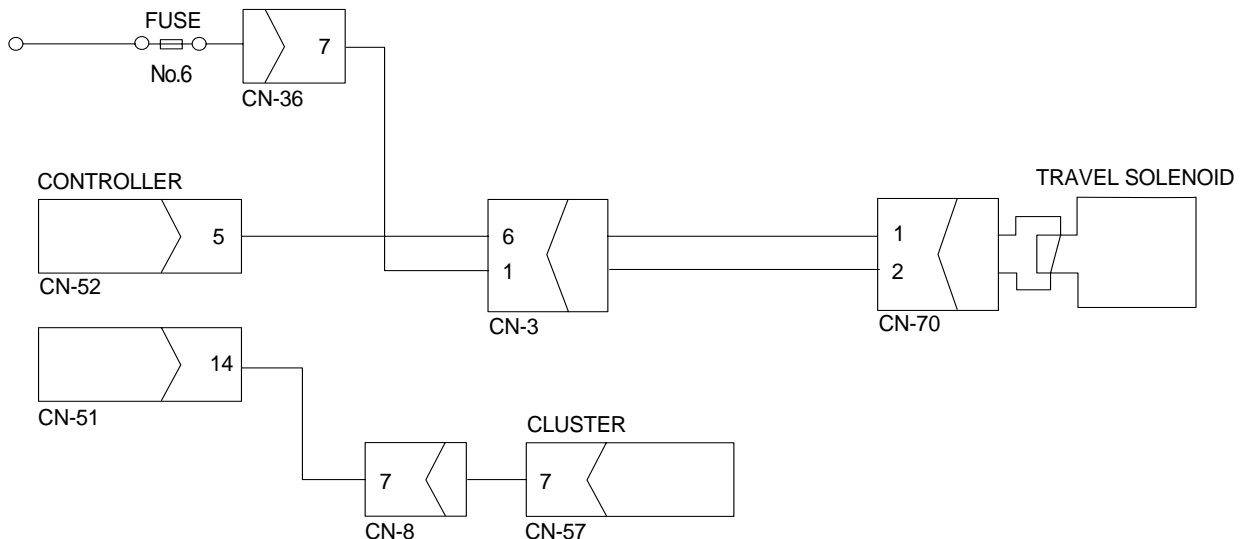
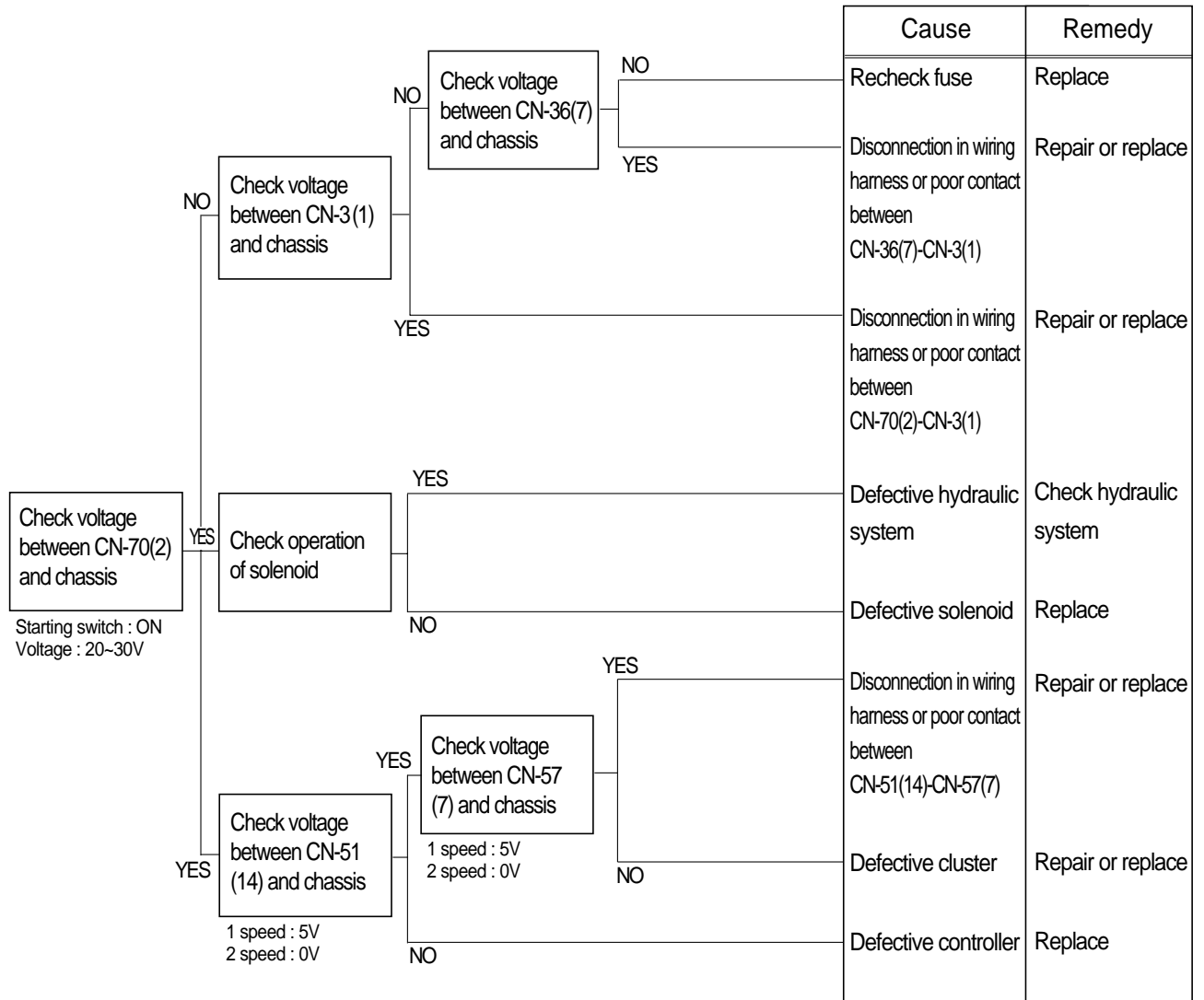
## 10. WHEN SAFETY SOLENOID DOES NOT OPERATE

- Before disconnecting the connector, always turn the starting switch OFF.
- Before carrying out below procedure, check all the related connectors are properly inserted and the fuse No.8 is not blown out.
- After checking, connect the disconnected connectors again immediately unless otherwise specified.



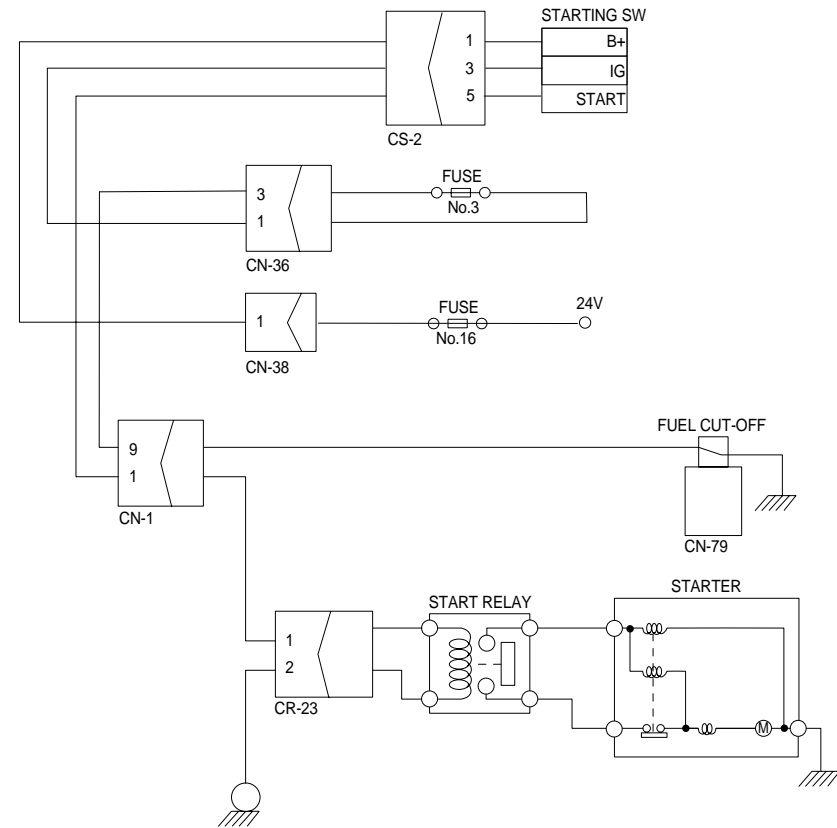
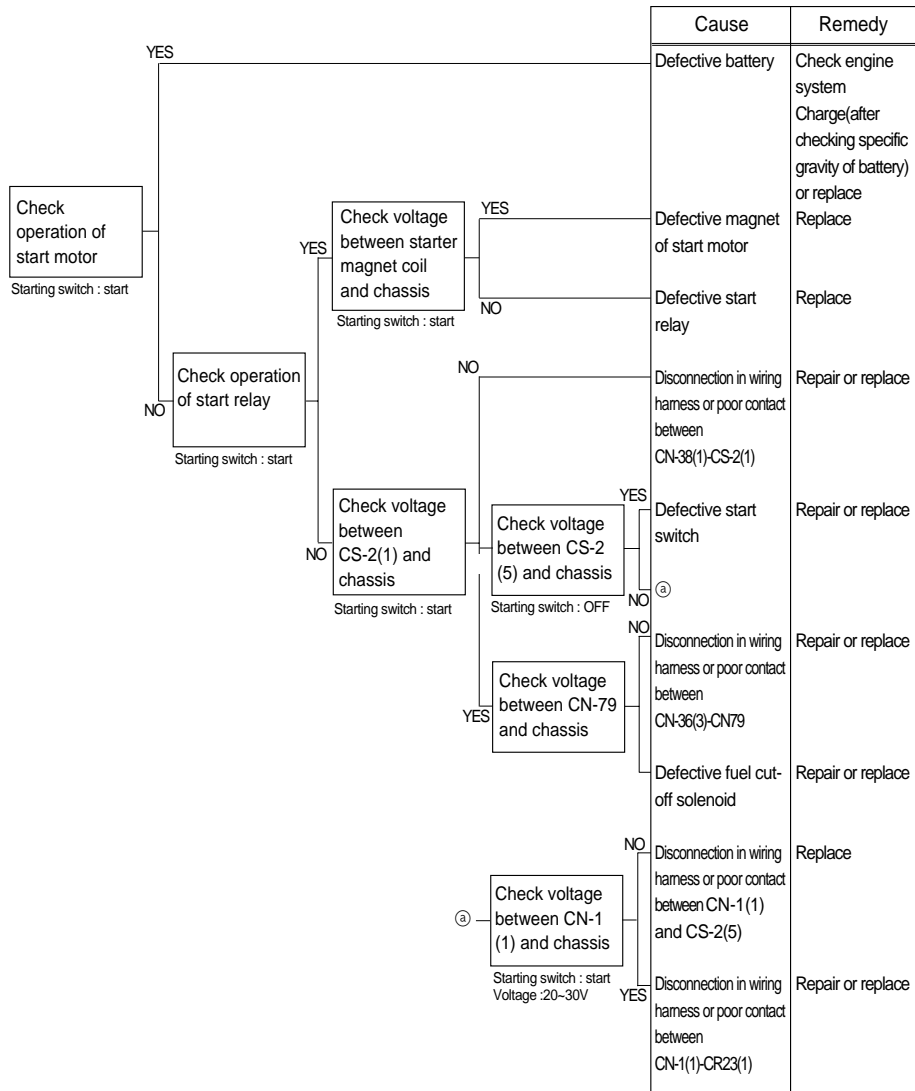
## 11. WHEN TRAVEL SPEED 1, 2 DOES NOT OPERATE

- Before disconnecting the connector, always turn the starting switch OFF.
- Before carrying out below procedure, check all the related connectors are properly inserted and the fuse No.6 is not blown out.
- After checking, connect the disconnected connectors again immediately unless otherwise specified.



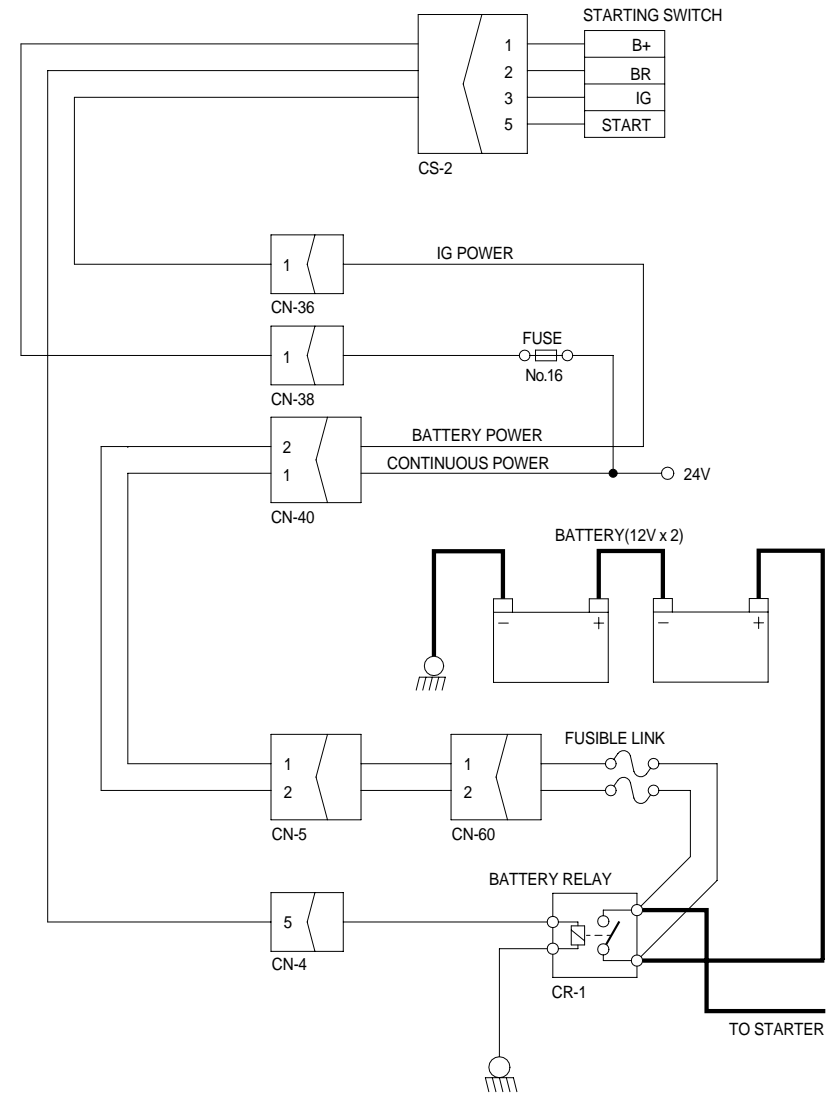
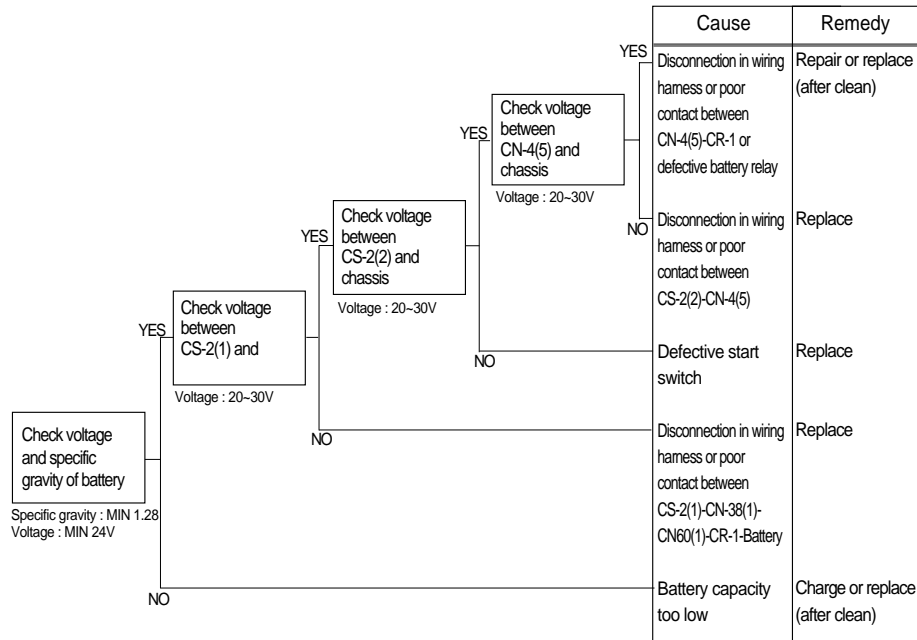
## 12. WHEN ENGINE DOES NOT START

- Check supply of the power at engine stop solenoid while starting switch is ON.
- Before disconnecting the connector, always turn the starting switch OFF.
- Before carrying out below procedure, check all the related connectors are properly inserted and the fuse No.3 and No.16 are not blown out.
- After checking, connect the disconnected connectors again immediately unless otherwise specified.



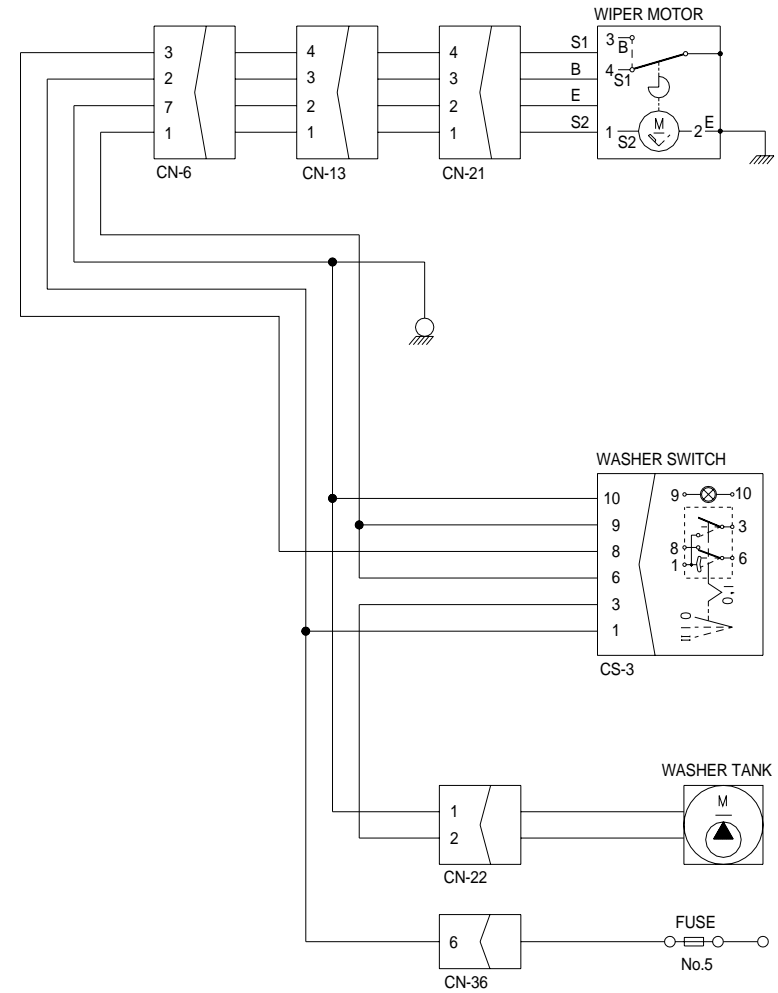
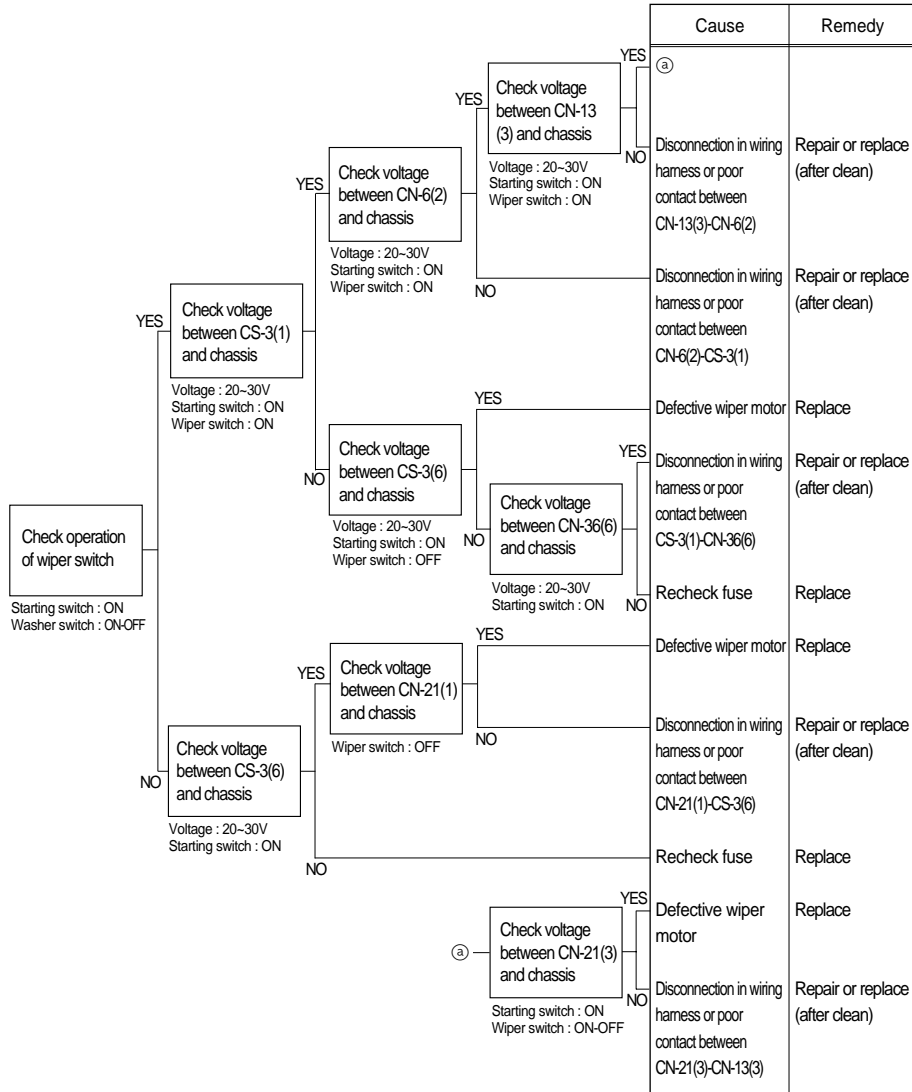
### 13. WHEN STARTING SWITCH "ON" DOES NOT OPERATE

- Before disconnecting the connector, always turn the starting switch OFF.
- Before carrying out below procedure, check all the related connectors are properly inserted.
- After checking, connect the disconnected connectors again immediately unless otherwise specified.



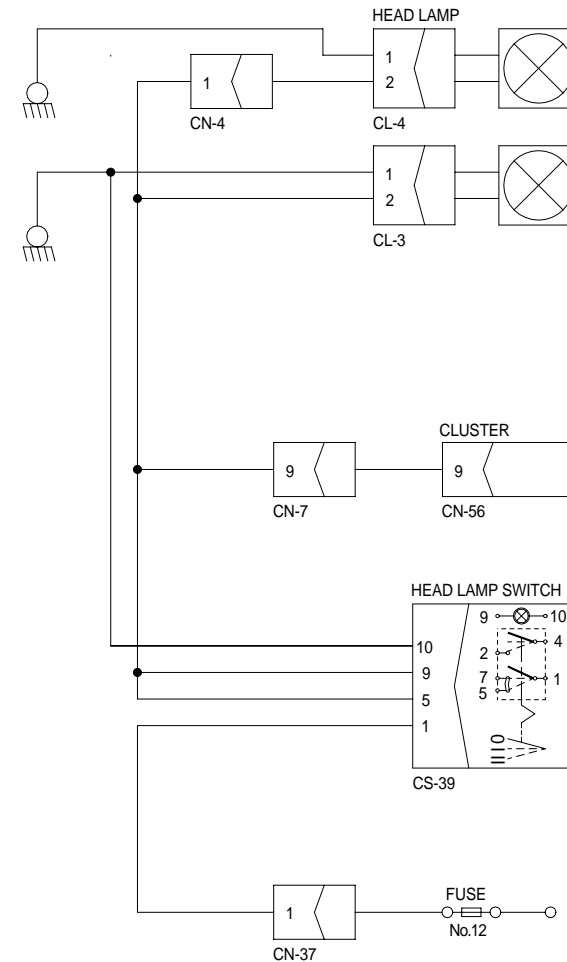
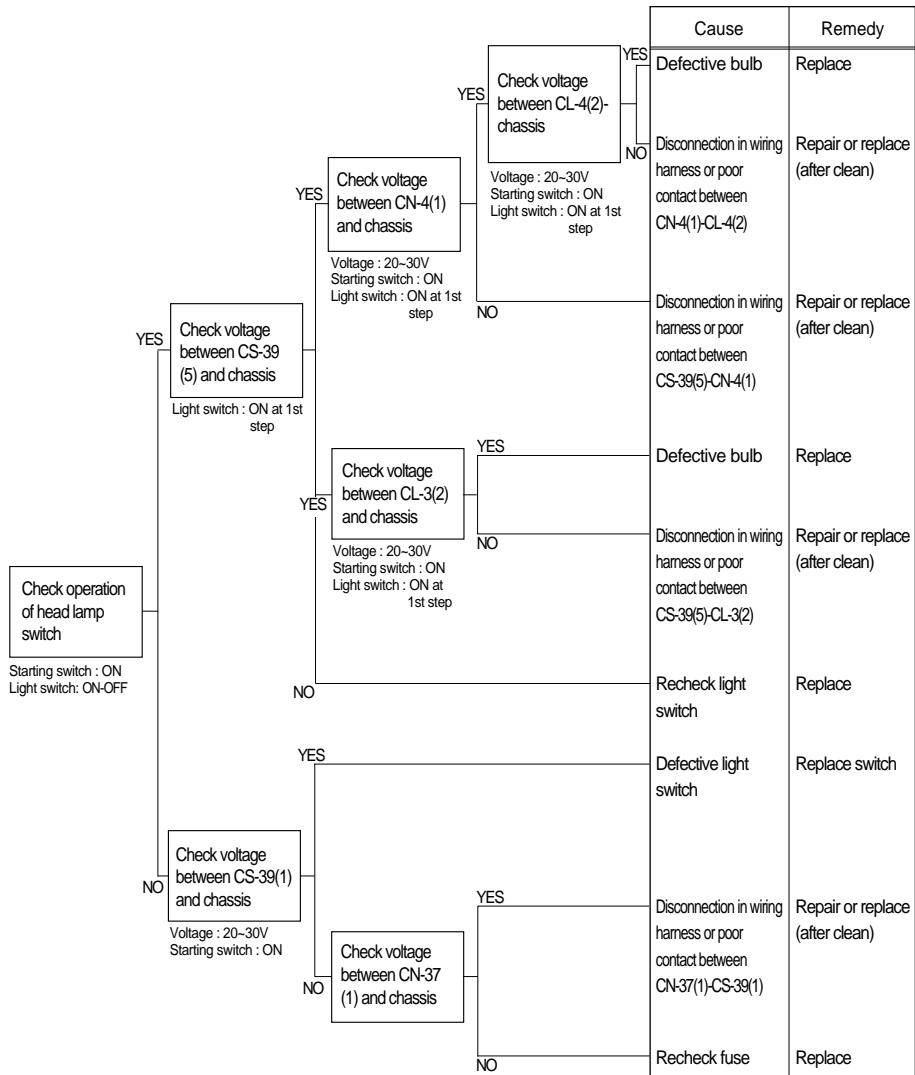
### 14. WHEN STARTING SWITCH IS TURNED ON, WIPER MOTOR DOES NOT OPERATE

- Before disconnecting the connector, always turn the starting switch OFF.
- Before carrying out below procedure, check all the related connectors are properly inserted and the fuse No.5 is not blown out.
- After checking, connect the disconnected connectors again immediately unless otherwise specified.



## 15. WHEN STARTING SWITCH IS TURNED ON, HEAD LAMP DOES NOT LIGHT UP

- Before disconnecting the connector, always turn the starting switch OFF.
- Before carrying out below procedure, check all the related connectors are properly inserted and the fuse No.12 is not blown out.
- After checking, connect the disconnected connectors again immediately unless otherwise specified.



## 16. WHEN STARTING SWITCH IS TURNED ON, WORK LAMP DOES NOT LIGHTS UP

- Before disconnecting the connector, always turn the starting switch OFF.
- Before carrying out below procedure, check all the related connectors are properly inserted and the fuse No.13 is not blown out.
- After checking, connect the disconnected connectors again immediately unless otherwise specified.

