Component Location





General Description

The 4WD ECM monitors the battery voltage to determine, as a safety issue, whether this system can operate normally or not. The normal battery voltage range is essential for controlling this system as intended.

DTC Description

4WD ECM sets this code and turns on warning lamp if excessive low voltage caused by faulty alternator or poor connention in power supply circuit is detected.

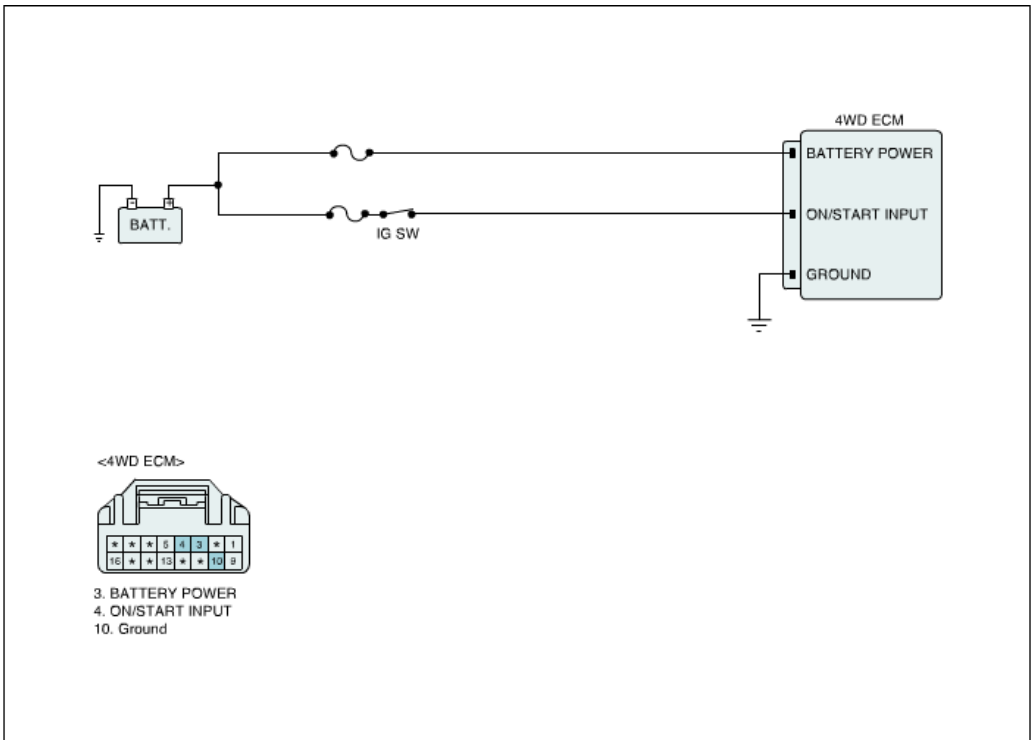
DTC Detecting Condition

Item	Detecting Condition	Possible cause
DTC Strategy	• Battery Voltage Monitoring	• Open/short in power circuit. • Faulty ground circuit • Faulty charging system.
Enable conditions	• Engine "ON"	
Threshold value	• When the usual voltage is lower than a normal value	
Fail Safe	• lamp "ON"	

Specification

	IG Key ON	ENG. ON
Bat. Voltage	Approx. 11.8 [V]~12.5 [V]	Approx. 12.5 [V] ~ 14.5 [V]

Diagnostic Circuit Diagram


4WD ECM
BATTERY POWER
ON/START INPUT
GROUND
BATT.
IG SW
<4WD ECM>
3. BATTERY POWER
4. ON/START INPUT
10. Ground