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 if high or low voltage caused by faulty alternator or poor connention in power supply circuit is detected.

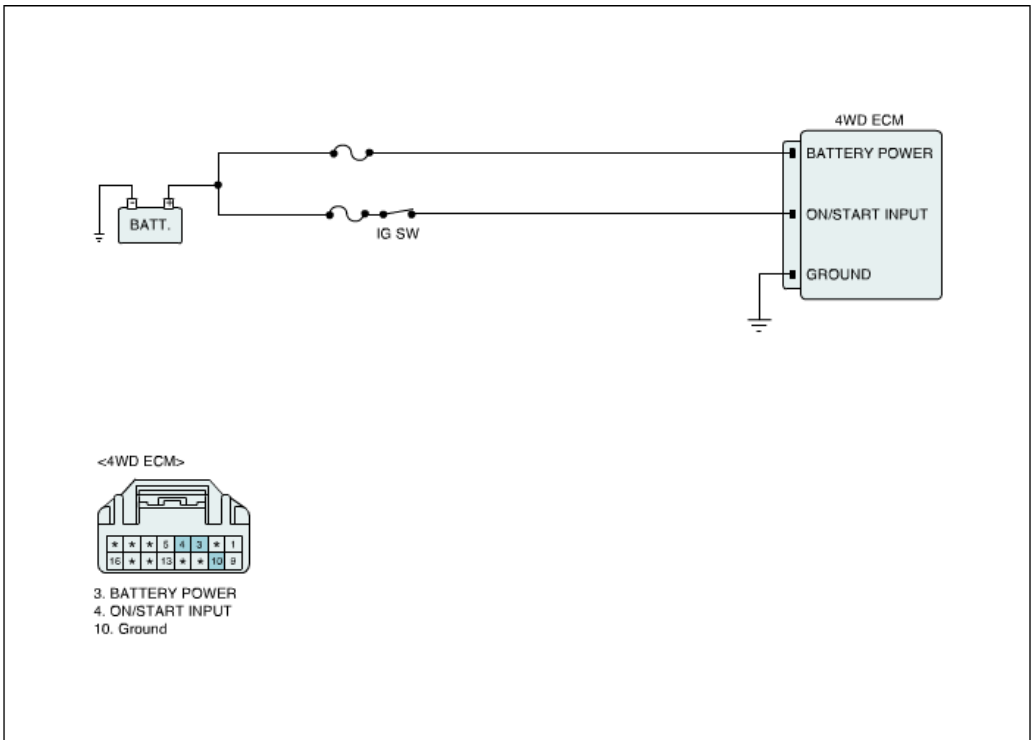
DTC Detecting Condition

Item	Detecting Condition	Possible cause
DTC Strategy	• Battery Voltage Monitoring	• Faulty charging system. • Open/short in power circuit. • Faulty ground circuit
Enable conditions	• Engine "ON"	
Threshold value	• IG voltage is higher than a normal value • IG 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



3. BATTERY POWER
4. ON/START INPUT
10. Ground