


Fault Code: P0374

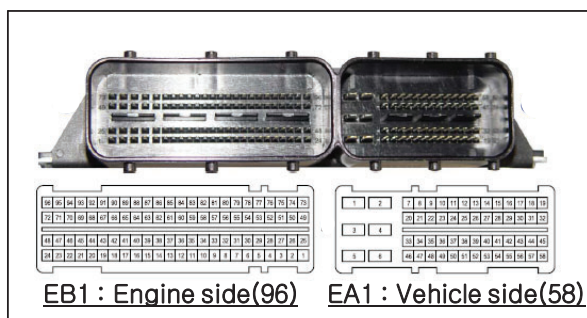
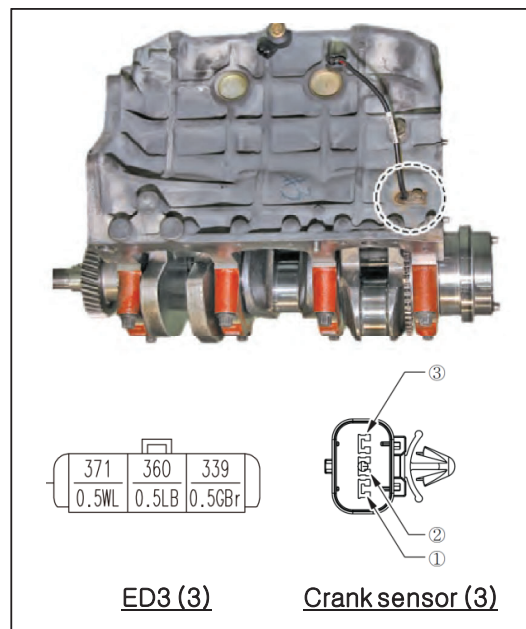
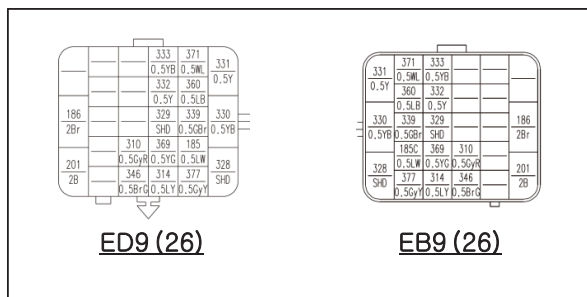
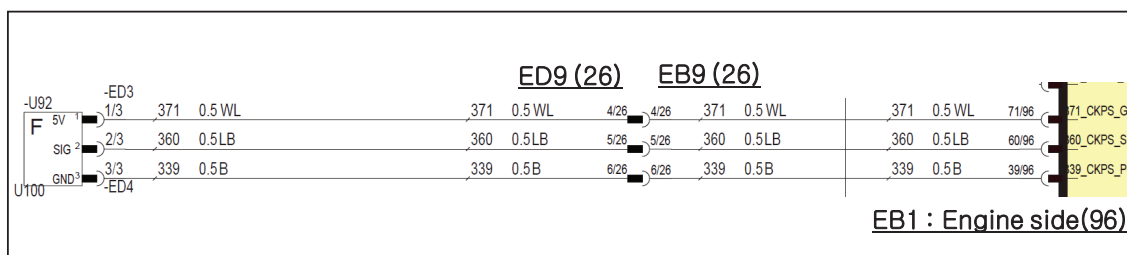
Dashboard Fault Code: s636 F02

Lamp	Title	Cause
RED Solid On 	Crank signal lost fault	No crank signal while CAM rotates once

Influences on vehicle

1. DPF regeneration stop
2. Idle RPM increase
3. Engine torque reduce

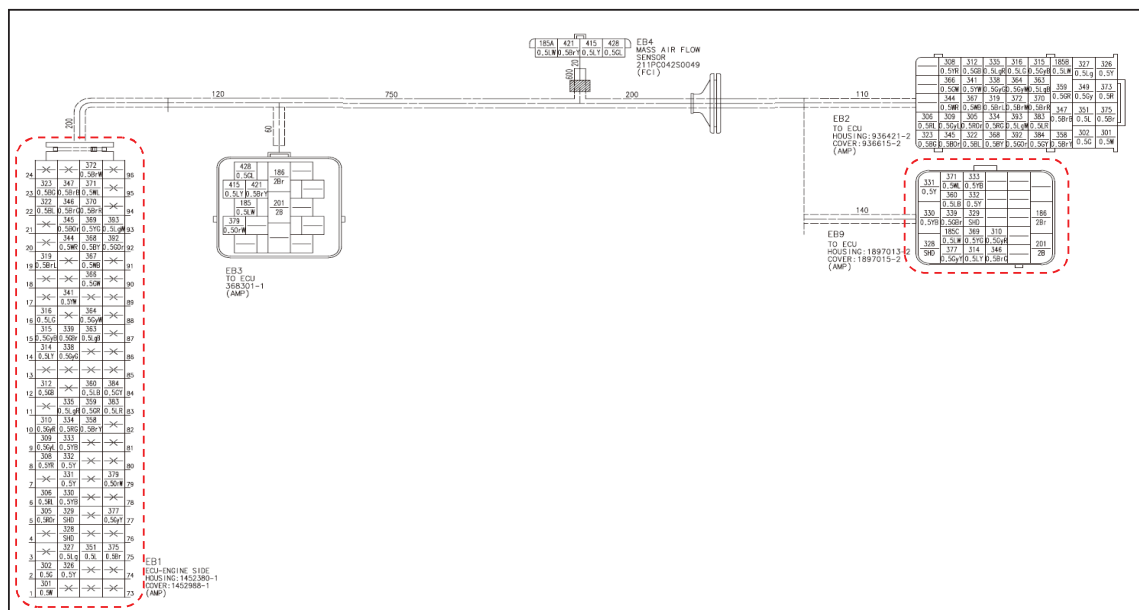
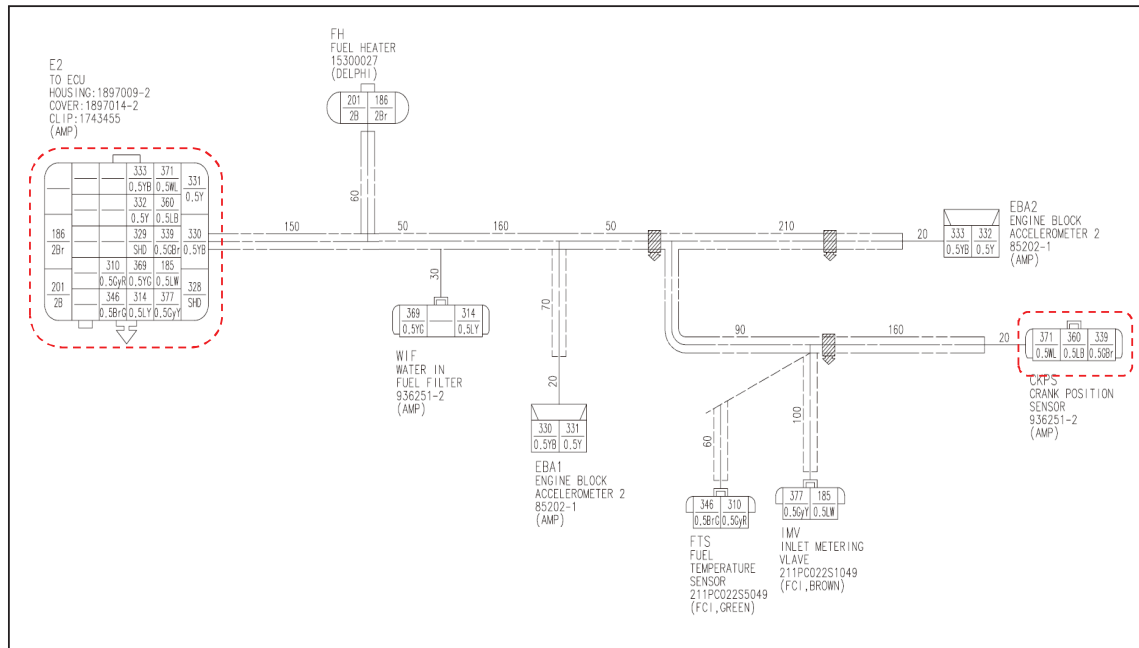
Circuit Diagram and Connector



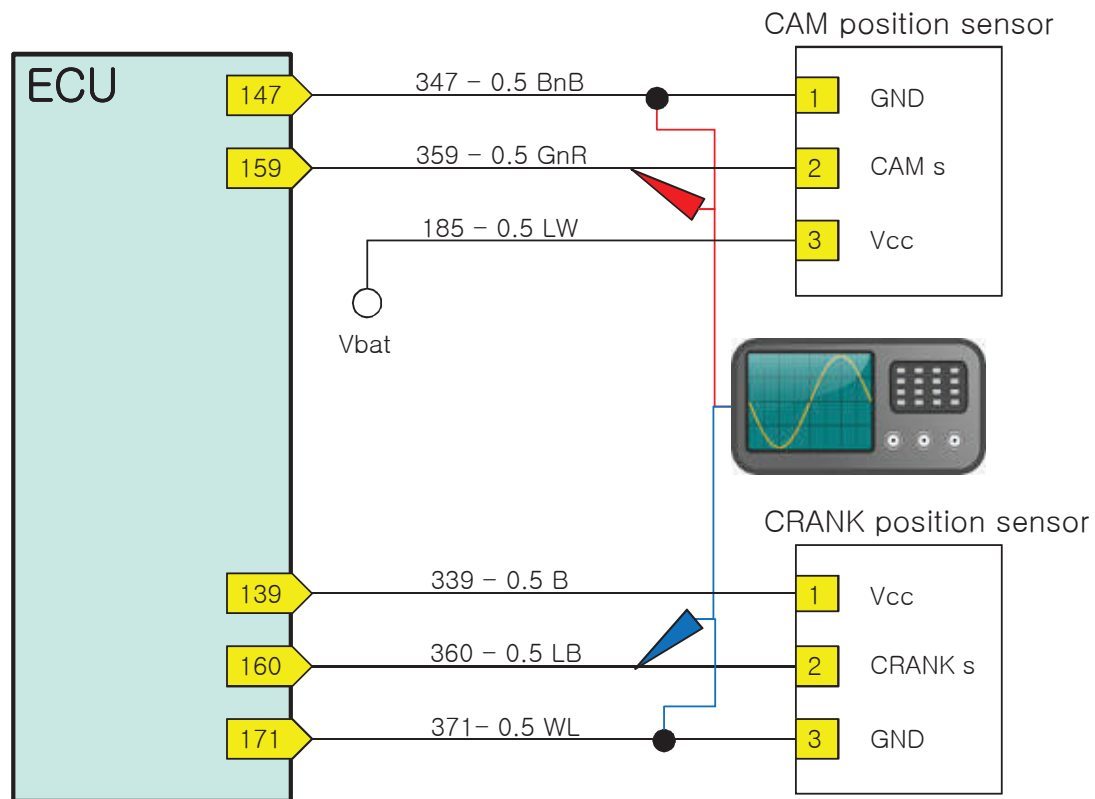
Maintenance Procedure

Stage	Check List	Corrective Measure	
		Yes	No
1	Check the connection of crank sensor connection. Connection problem?	Conduct required repair	Check stage 2
2	Check the ECU connection. Connection problem?	Conduct required repair	Check stage 3
3	Check electric connection and disconnection of harness. ¹⁾ <ul style="list-style-type: none"> • Check ED3 connector 1/3pin on ED9 connector 4/26pin • Check ED3 connector 2/3pin on ED9 connector 5/26pin • Check ED3 connector 3/3pin on ED9 connector 6/26pin • Check EB1 connector 71/96pin on EB9 connector 4/26pin • Check EB1 connector 60/96pin on EB9 connector 5/26pin • Check EB1 connector 39/15pin on EB9 connector 6/26pin Harness problem?	Change harness	Check stage 4
4	Check the CAM position sensor, CRANK position sensor signal.(Use oscilloscope) ²⁾ Is the measured signal different with the sample ³⁾ ?	Check stage 5	Check stage 5
5	Change the sensor. Problem continues?	Check stage 6	Problem Solved
6	Mount new CPS wheel. ⁴⁾ Problem continues?	Call Hot-line	Problem Solved

1) Harness Maintenance

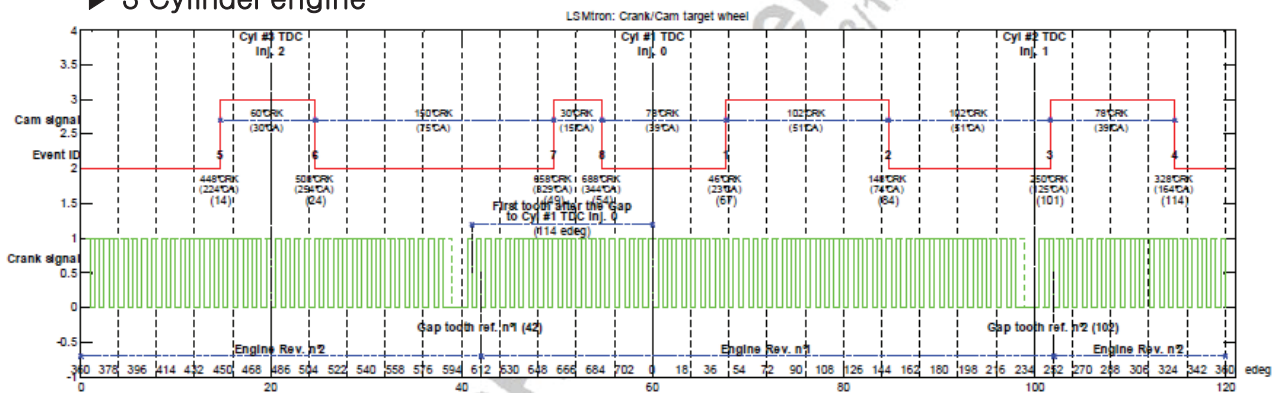


2) CAM / CRANK Position sensor signal Maintenance



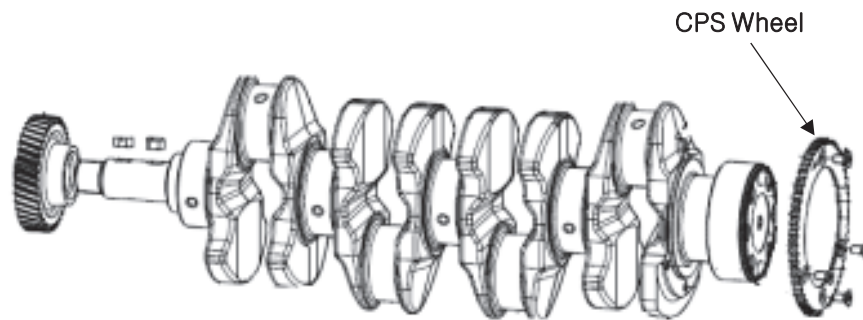
3) CAM / CRANK Position Sensor Signal Sample

► 3 Cylinder engine



4) CPS Wheel

See Engine disassembly/assembly



Crank shaft assembly