


Fault Code: P0101

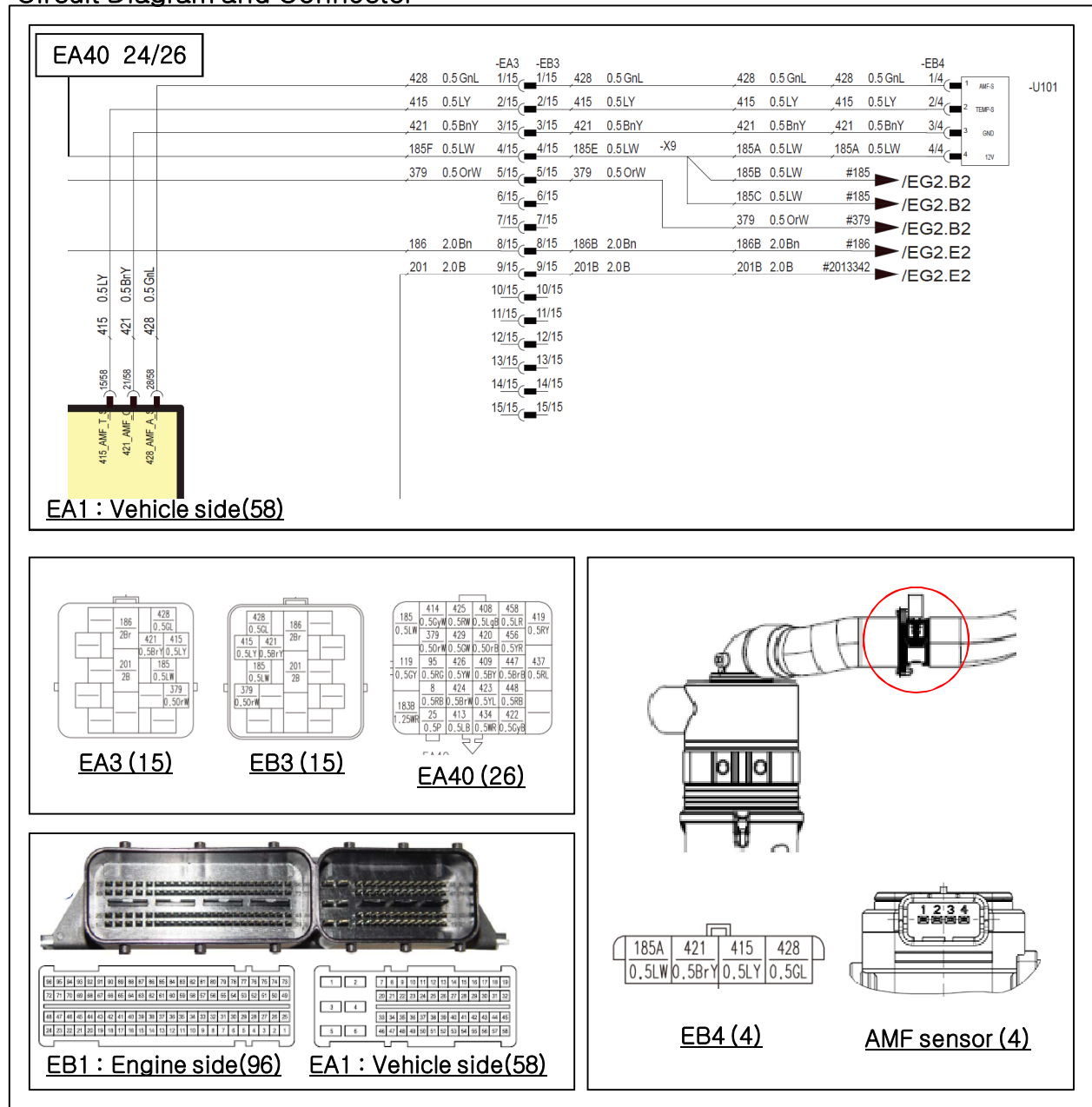
Dashboard Fault Code: s132 F00
s132 F01

| Lamp | Title | Cause |
|---|------------------------|--|
| RED Soild On  | AMF plausibility fault | Difference between AMF measurement value and model value |

Influences on vehicle

1. DPF regeneration stop
2. EGR valve control stop
3. ACV control stop
4. Engine torque reduce

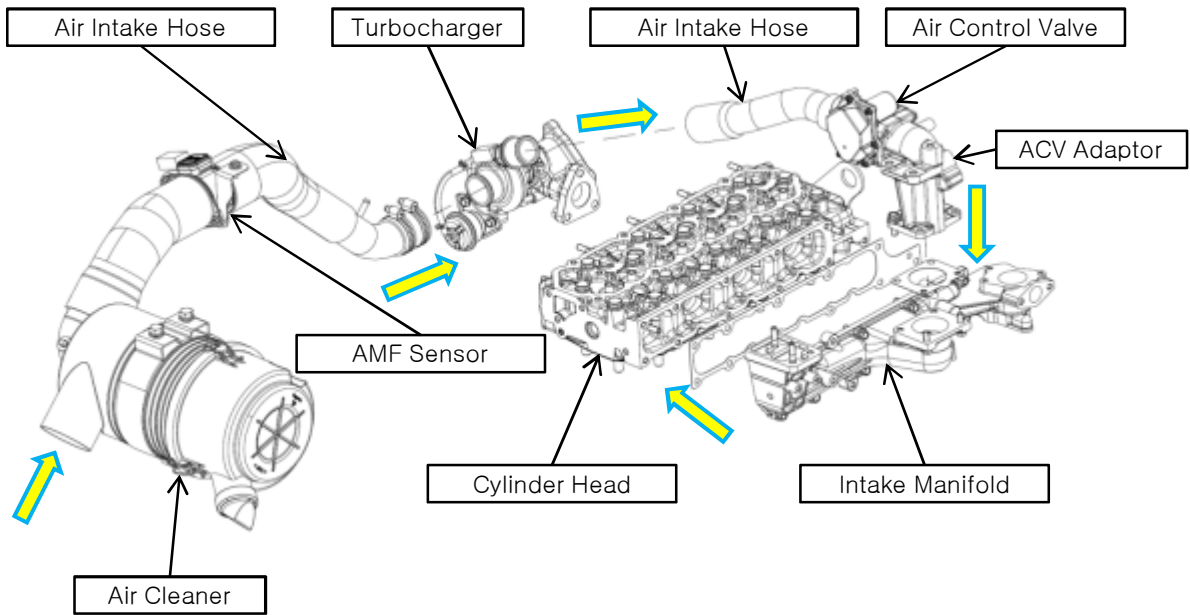
Circuit Diagram and Connector



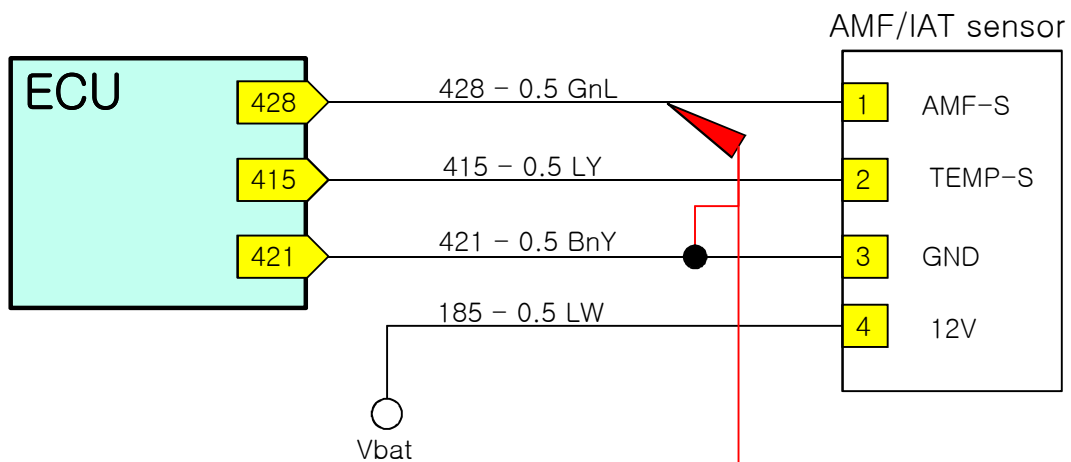
Maintenance Procedure

| Stage | Check List | Corrective Measure | |
|-------|--|--------------------------|----------------|
| | | Yes | No |
| 1 | Read fault code. AMF electric relating fault code? (P0100,P0102,P0103) | Go to stage 3 | Go to stage 2 |
| 2 | Check intake system ¹⁾ . Leaks on intake system? | Perform necessary repair | Problem solved |
| 3 | Read fault code. External power fault code? (P0641, P0651, P0697) | Go to stage 4 | Go to stage 5 |
| 4 | Find faulty sensor. Check if fault alarm disappears by disconnecting sensors one by one. If no faulty sensor found, check the power line of harness AMF sensor for short or disconnection. | Perform necessary repair | Call Hot-line |
| 5 | Check the AMF sensor connector connections. Connection problem? | Perform necessary repair | Go to stage 6 |
| 6 | Check AMF sensor signal.(Use oscilloscope) ²⁾ Sensor problem? | Change sensor | Go to stage 7 |
| 7 | Check ECU connector connection. Connection problem? | Perform necessary repair | Go to stage 8 |
| 8 | Check electric connection and disconnection of harness. ³⁾ <ul style="list-style-type: none"> • Check EB4 connector 1/4pin on EB3 connector 1/15pin • Check EB4 connector 3/4pin on EB3 connector 3/15pin • Check EB4 connector 4/4pin on EB3 connector 4/15pin • Check EA1 connector 28/58pin on EA3 connector 1/15pin • Check EA1 connector 21/58pin on EA3 connector 3/15pin • Check EA40 connector 24/26pin on EA3 connector 4/15pin Harness problem? | Change harness | Call Hot-line |

1) Intake System Maintenance



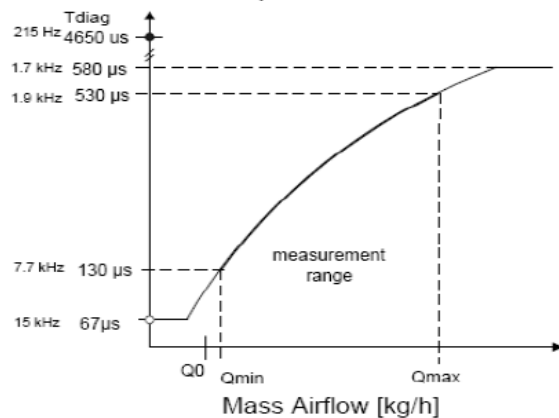
2) AMF Sensor Signal Maintenance



67 μ s < Time T < 580 μ s

T = 4650 μ s \pm 10% is reserved as diagnosis output level

Output Time T [μ s]



3) Harness Maintenance

