

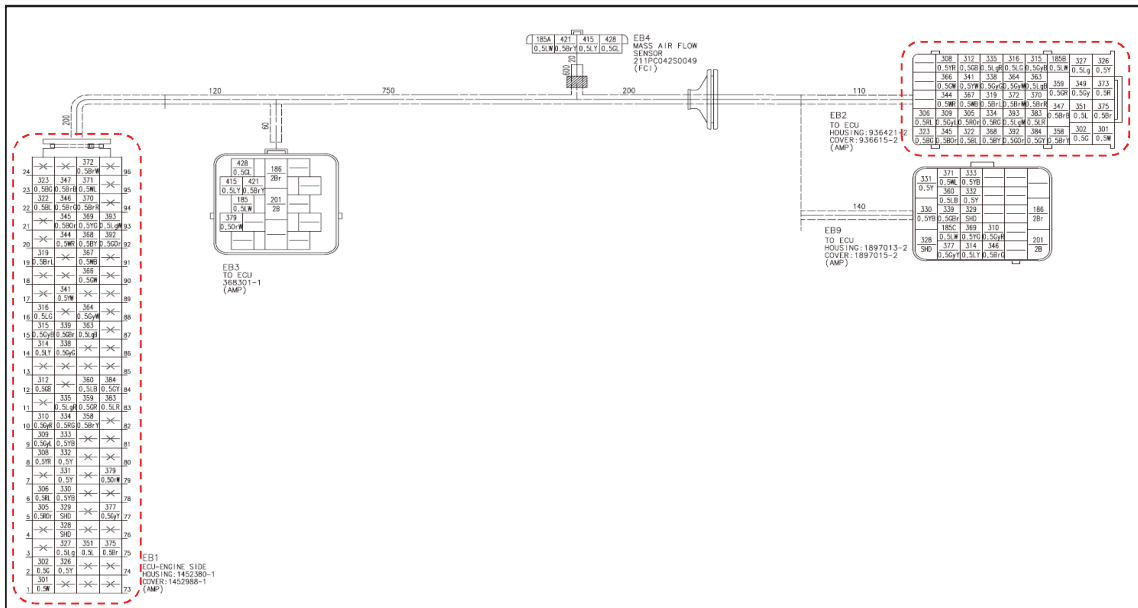
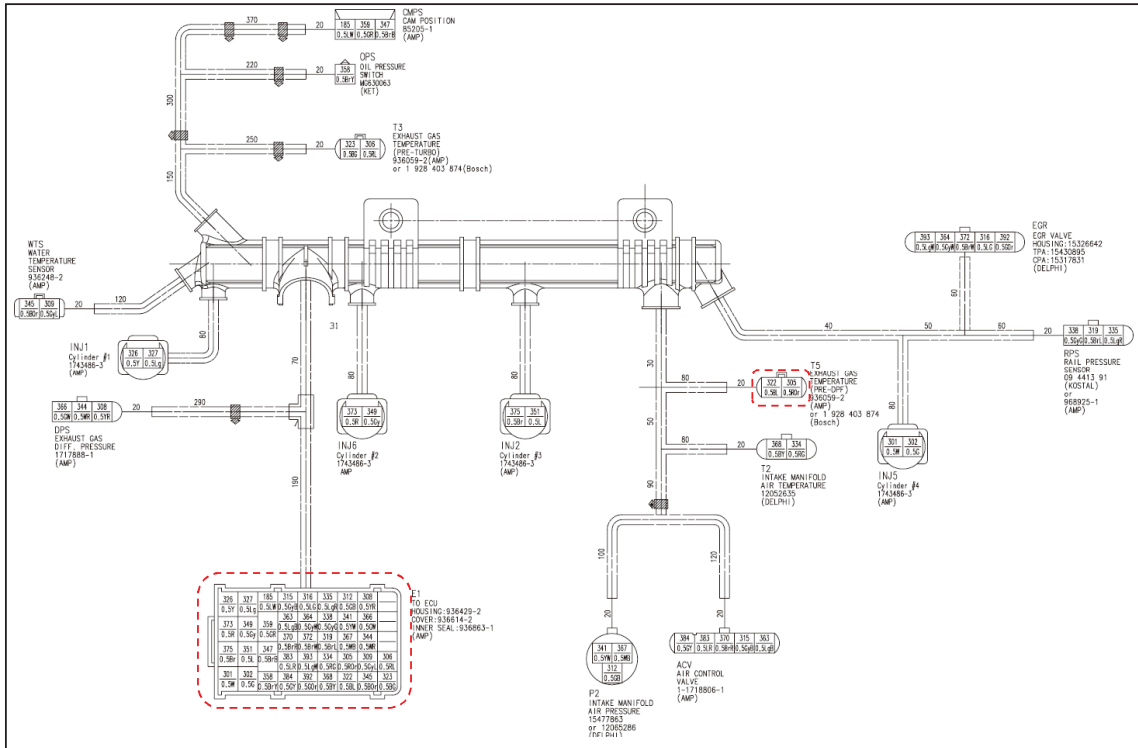
Maintenance Procedure

| Stage | Check List | Corrective Measure | |
|-------|--|---------------------------------|---------------|
| | | Yes | No |
| 1 | Read fault code. Vext fault present? (P0641, P0651, P0697) | Go to stage 2 | Go to stage 3 |
| 2 | Problem with one of the sensors causing loss of Vext: Disconnect sensors one by one checking if fault disappear to find which one is faulty. If no faulty found, check short circuit and isolation of Vext lines on the harness. Find the failure cause? | Change sensor or change harness | - |
| 3 | Check sensor connection. Sensor connection problem ? | Perform necessary repair | Go to stage 4 |
| 4 | Check sensor resistance, ¹⁾ If applicable. Resistance problem ? | Change sensor | Go to stage 5 |
| 5 | Check ECU connection. Connection problem ? | Perform necessary repair | Go to stage 6 |
| 6 | Check continuity and electrical isolation of harness. ²⁾ • Check EC15 connector 1/2pin on EC2 connector 31/42pin • Check EC15 connector 2/2pin on EC2 connector 32/42pin • Check EB1 connector 5/96pin on EB2 connector 31/42pin • Check EB1 connector 22/96pin on EB2 connector 32/42pin Harness problem? | Change harness | Call Hot-line |

1) DPF Temperature

| T[°C] | Rs[Ω] | U0[V] |
|---------|-------|-------|
| -40.00 | 170.2 | 0.727 |
| -20.00 | 185.6 | 0.783 |
| 0.00 | 201.0 | 0.837 |
| 25.00 | 220.1 | 0.902 |
| 50.00 | 239.0 | 0.964 |
| 100.00 | 276.4 | 1.083 |
| 200.00 | 349.5 | 1.295 |
| 400.00 | 488.6 | 1.641 |
| 600.00 | 618.3 | 1.910 |
| 800.00 | 738.7 | 2.124 |
| 1000.00 | 849.7 | 2.297 |

2) Harness Maintenance



Maintenance Procedure


| Stage | Check List | Corrective Measure | |
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| 3 | Check sensor connection. Sensor connection problem ? | Perform necessary repair | Go to stage 4 |
| 4 | Check sensor resistance, ¹⁾ If applicable. Resistance problem ? | Change sensor | Go to stage 5 |
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Fault Code: P2458

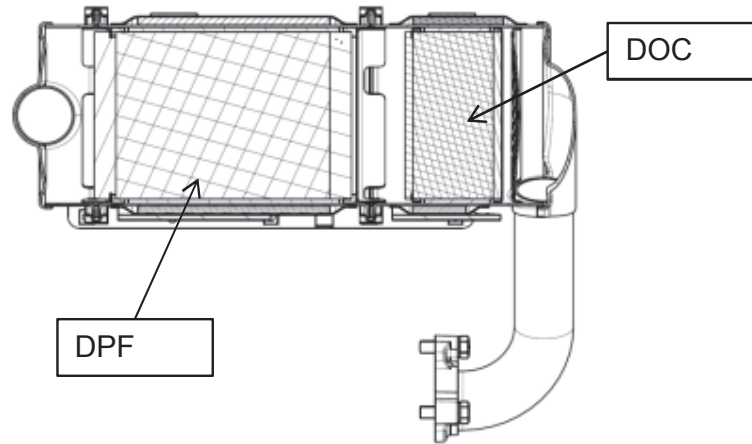
Dashboard Fault Code: s81 F00

| Lamp | Title | Cause |
|--|--------------------|--|
| AMB Blink 2Hz  | DPF overload fault | Overload on exhaust circuit due to cumulated exhaust inside of DPF |

Influences on vehicle

1. EGR control stop

Catalyzed Continuously Regenerating Trap / DOC + DPF



* Size

| Engine Model | DOC | DPF |
|--------------|-------------|-------------|
| L3C19T | Φ5.66" X 3" | Φ5.66" X 7" |
| L4C25T | Φ5.66" X 3" | Φ5.66" X 8" |