Delicious Tuning Flex Fuel Kit (Cobb CF) - Troubleshooting Guide

All Cobb Codes (Initial Info Required)

1. What is the serial number of the kit (ex. DT-XXXXX or DT2-XXXXX)?
2. What vehicle is this on (Make/Model/Year)?
3. Is there a blinking green light on the Flex Fuel Kit?
4. What is the ethanol content value displayed by the DT App?
    a. If applicable, fuel pressure value displayed
5. What does the RAW Ethanol Content display on the AccessPort?
    a. If applicable, fuel pressure value displayed

NOTE: Use Ethanol Content RAW in the Cobb AccessPort for troubleshooting Codes.

Cobb 1 Codes (Low Voltage) – Ethanol Content

1. If the DT app shows ethanol content (above "0") but not the Cobb AP.
    a. Check the connections at the TGV's, Rear O2 and Ethanol Content Sensor
        i. Possible bad or corroded connection
        ii. Possibly connected to wrong input for tune
2. If the DT App and Cobb AP both show a similar ethanol content value (above "0").
    a. The Cobb code delays may need to adjust so as to not throw the code.
3. If the DT App shows "0" and the Cobb AP shows ethanol content above "0".
    a. The DT module may need to be reprogrammed for the newest firmware.
4. If the DT App and Cobb AP do not show ethanol content or is "0"
    a. The ethanol content sensor could have failed.
    b. Check voltage output to designated Cobb input source (TGV L/R or Rear O2)
        i. Less than 0.2 volts would be a faulty ethanol sensor.
5. *FA20DIT – with Fuel Pressure (monitored by the Delicious Tuning Module)*
    a. If the fuel pressure is too low, the Cobb 1 Code will be activated.
        i. This is a safety mechanism for these kits.
    b. Check ethanol content and fuel pressure on the DT App
        i. Fuel pressure will be at or below 30 PSI.

Cobb 2 Codes (High Voltage) – Ethanol Content

1. Does the code appear right after starting the vehicle?
    a. Check the connection at the Flex Fuel Sensor.
    b. This could be due to water contamination in the fuel.
    c. This could be due to a faulty sensor.
2. Does it appear inconsistently while driving?
    a. The tune may need to have the check engine light delays adjusted.

b. This could be due to a poor or corroded connection.
c. This could be due to a faulty sensor.

Cobb 3 Codes (Low Voltage) – Fuel Pressure

1. If the DT app shows fuel pressure (above "0") but not the Cobb AP.
    a. Check the connections at the TGV's, Rear O2 and Fuel Pressure Sensor
        i. Possible bad or corroded connection
        ii. Possibly connected to wrong input for tune
2. If the DT App and Cobb AP both show a similar fuel pressure values (above "0").
    a. The Cobb code delays may need to adjust so as to not throw the code.
3. If the DT App shows "0" and the Cobb AP shows fuel pressure above "0".
    a. The DT module may need to be reprogrammed for the newest firmware.
4. If the DT App and Cobb AP do not show fuel pressure or is "0"
    a. The fuel pressure sensor could have failed.
    b. Check voltage output to designated Cobb input source (TGV L/R or Rear O2)
        i. Less than 0.2 volts would be a faulty ethanol sensor.
5. *FA20DIT – with Fuel Pressure (monitored by the Delicious Tuning Module)*
    a. If the fuel pressure is too low, the Cobb 1 Code will be activated.
        i. This is a safety mechanism for these kits.
    b. Check ethanol content and fuel pressure on the DT App
        i. Fuel pressure will be at or below 30 PSI.

Cobb 4 Codes (High Voltage) – Fuel Pressure

1. Does the code appear right after starting the vehicle?
    a. Check the connection at the fuel pressure sensor.
    b. This could be due to water contamination in the fuel.
    c. This could be due to a faulty sensor.
2. Does it appear inconsistently while driving?
    a. The tune may need to have the check engine light delays adjusted.
    b. This could be due to a poor or corroded connection.
    c. This could be due to a faulty sensor.

Cobb Data Logging Parameters - Troubleshooting

1. 5 Minute idle and please include the following parameters
    a. TGV Left Voltage
    b. TGV Right Voltage
    c. Rear Oxygen O2 Voltage
    d. Ethanol Content RAW
    e. Ethanol Content Final

f. Fuel Pressure RAW
g. Fuel Pressure Final