

## Working with the Diagnostic Trouble Code (DTC) Rule

### ABOUT DIAGNOSTIC TROUBLE CODES (DTCs)

Diagnostic Trouble Codes (DTCs) identify where and what on-board problems exist according to your vehicle's on-board diagnostic system. In Fleet Complete, the DTC rule allows you to receive alerts and/or email notifications when OBD II, J1939 or J1708 Diagnostic Trouble Codes occur.

### ACCESING THE DTC RULE

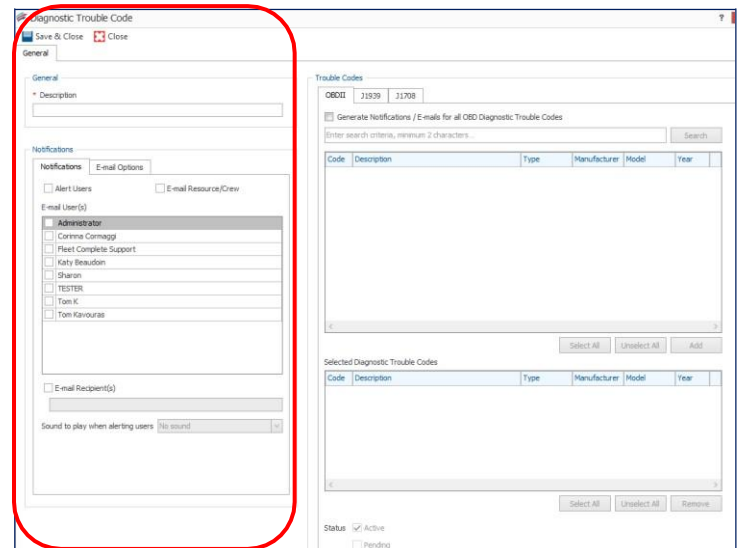
1. Log in to Fleet Complete.
2. From the main toolbar, select **System / Configuration / Fleet Configuration**.
3. On the left hand panel, select **Maintenance / Diagnostic Trouble Codes** and then click the **Add** button.



### ADDING A DTC RULE

When adding a DTC rule, enter the name of the rule you created. You may also select how you would like to be notified; via email or system alert.

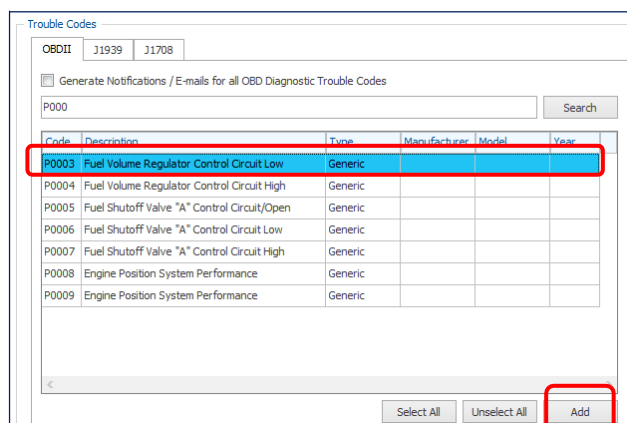
1. On the *Diagnostic Trouble Code* screen in the *Description* field, type a name for the DTC rule, as required.
2. On the Notifications tab, specify who needs to be informed when the rule is triggered.
  - **alert users** (accounts)
  - **email resource / crew**
  - **email recipients** (external addresses)
3. To send an email notification, select one or more of the following checkboxes:
  - **alert users** (accounts)
  - **email resource / crew**
  - **email recipients** (external addresses)



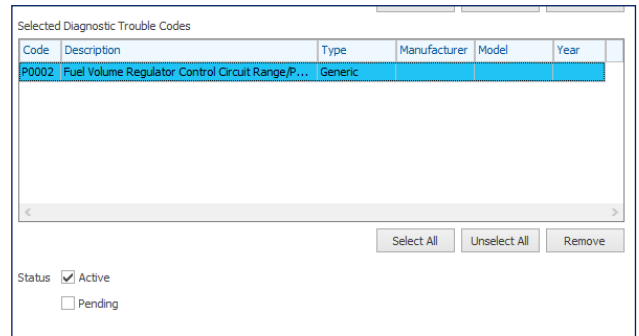
## CONFIGURING THE DTC RULE

The Diagnostic Trouble Code section displays three sub tabs depending on your type of vehicle and protocol you choose to be notified about.

1. In the *Trouble Codes* section, select the tab name that corresponds to the type of ECM Connector that you want to set up a rule for.
2. In the *Search* field, type in the search criteria.
3. Click the **Search** button. A list of search results display in the upper section.
4. From the list, select the code(s) that you want to add to the rule definition.
5. Click the **Add** button.  
Note: the added code(s) displays in the lower *Selected Diagnostic Trouble Codes* section.



6. Depending on the tab you have selected you will have Status and/or Failure Mode Identifiers to set up as well. In the Status area complete one of the following, as required.



- A. **OBD II** - In the **Status** section indicate if Active and/or Pending codes are to be included when this rule is triggered.
- B. **J1939** - In the **Status** section, select if Active and/or Pending codes are to be included. In the **FMI** (Failure Mode Identifier) section select the FMIs you would like this rule to report on.
- C. **J1708** - In the **FMI** (Failure Mode Identifier) section select the FMIs you would like this rule to report on.

### OBD II

Status  Active  
 Pending

### J1939

Status  Active  Pending

FMI (Failure Mode Identifier)

- 0 Data Valid But Above Normal Operational Range - Most Severe Level
- 1 Data Valid But Below Normal Operational Range - Most Severe Level
- 2 Data Erratic, Intermittent Or Incorrect
- 3 Voltage Above Normal, Or Shorted To High Source

### J1708

FMI (Failure Mode Identifier)

- 0 Data valid but above normal operational range (that is, engine overheating)
- 1 Data valid but below normal operational range (that is, engine oil pressure t...
- 2 Data erratic, intermittent, or incorrect
- 3 Voltage above normal or shorted high

7. Once you have completed configuring the rule, click **Save and Close**.