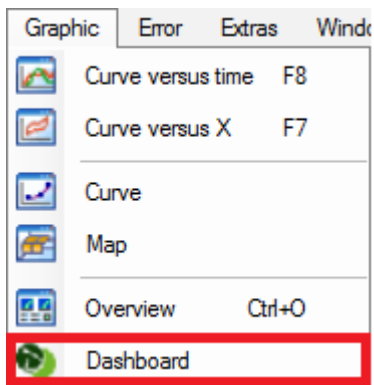


## How to start Dashboard

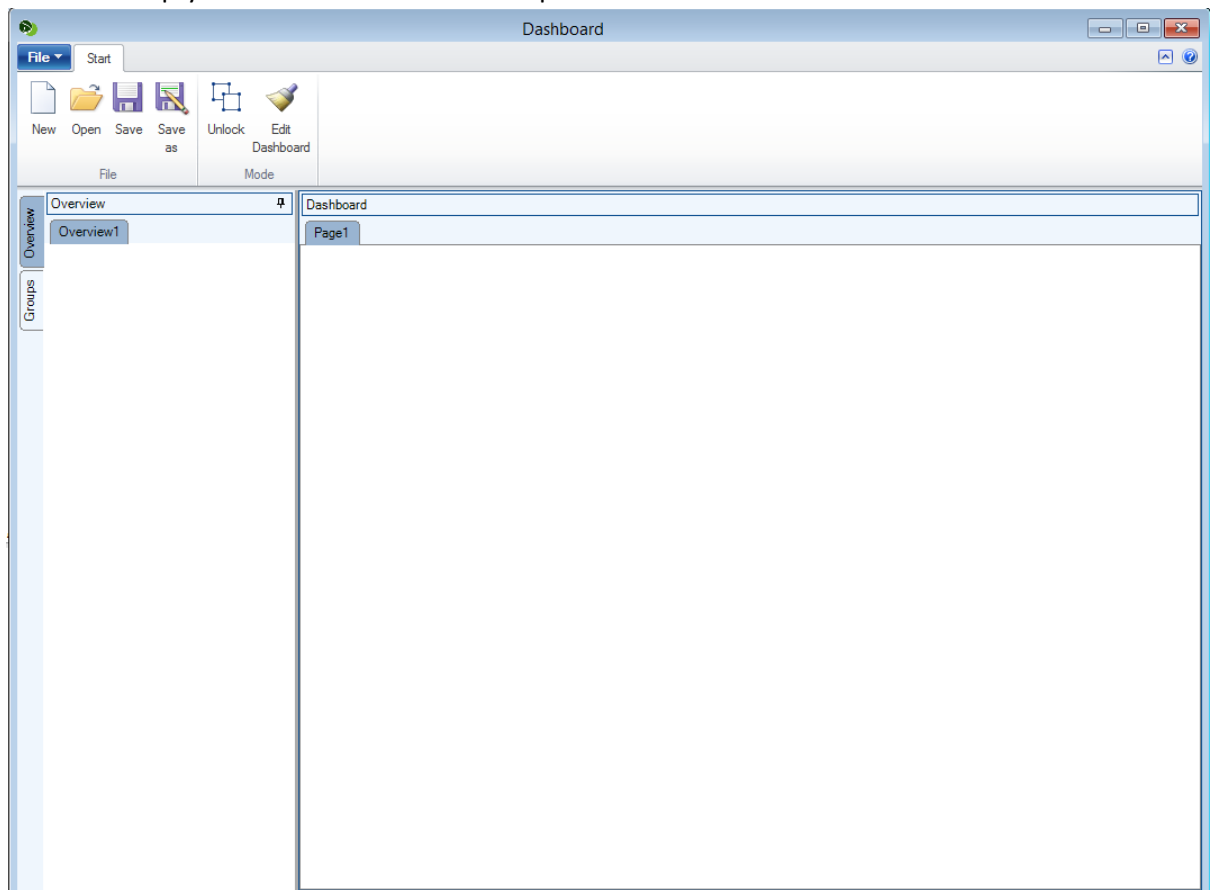
1. Choose an icon on the Toolbar.



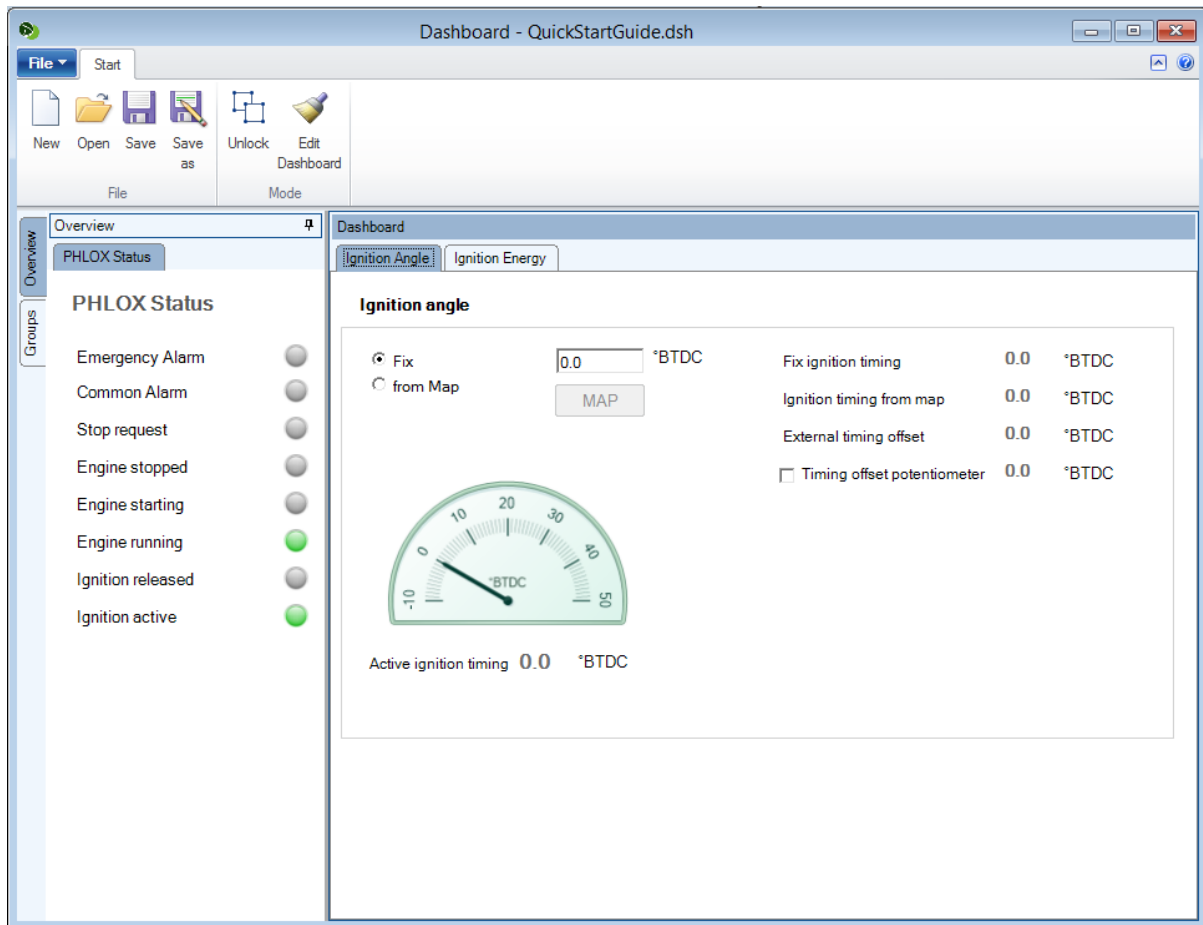
2. Or choose the Dashboard menu item from the Graphic menu.



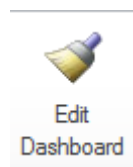
3. The main empty window of Dashboard will open.



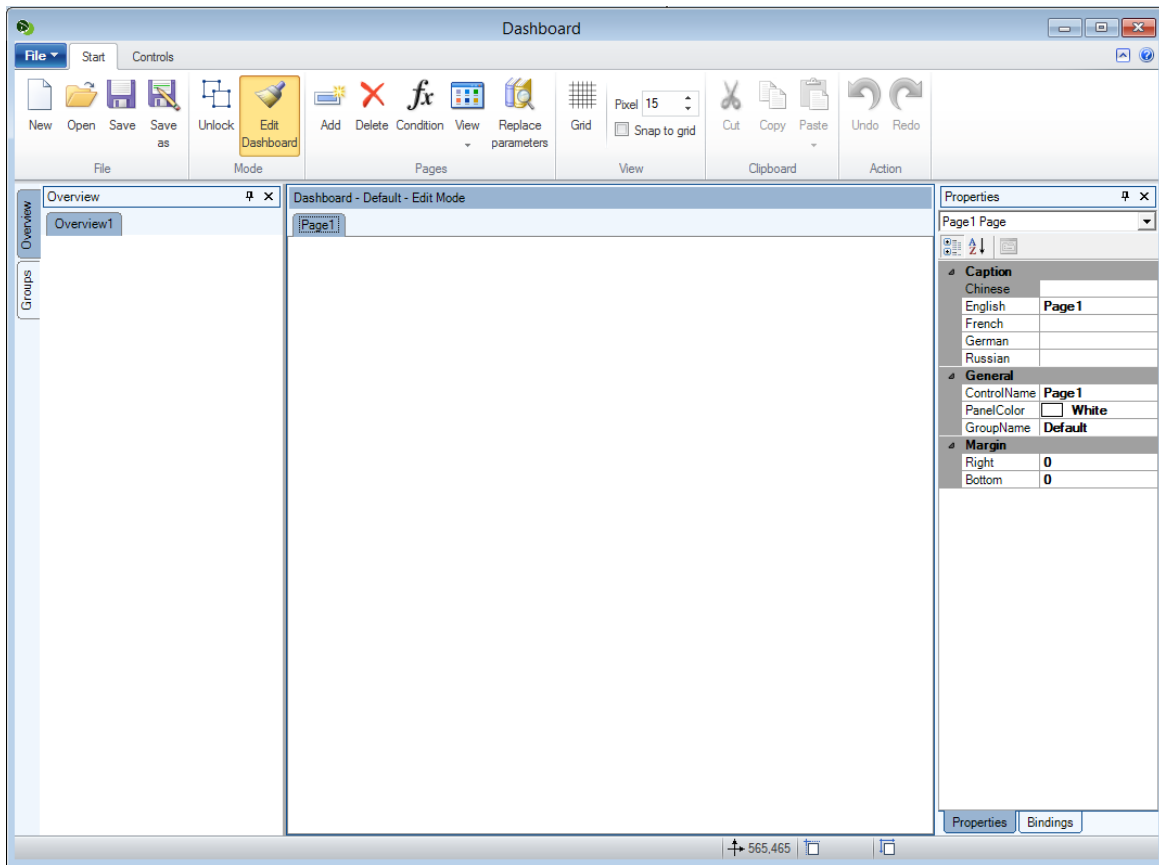
Let`s create the simple schema as shown below.



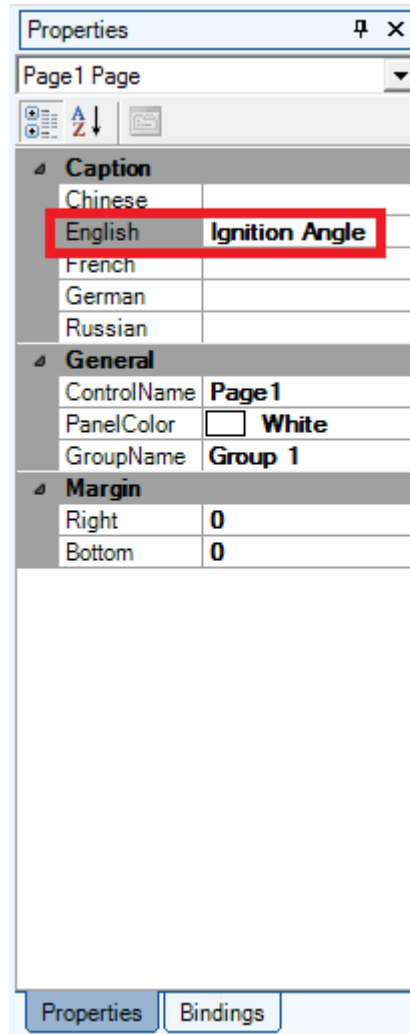
1. To create the new schema, choose **Edit Dashboard** on the toolbar.



2. The editing mode is activated.



3. The work areas **Overview** and **Dashboard** can have one or more pages, each page has properties:
  - 3.1. To edit the Caption of Page1 to "Ignition Angle", change the **Caption** property in **Properties**.

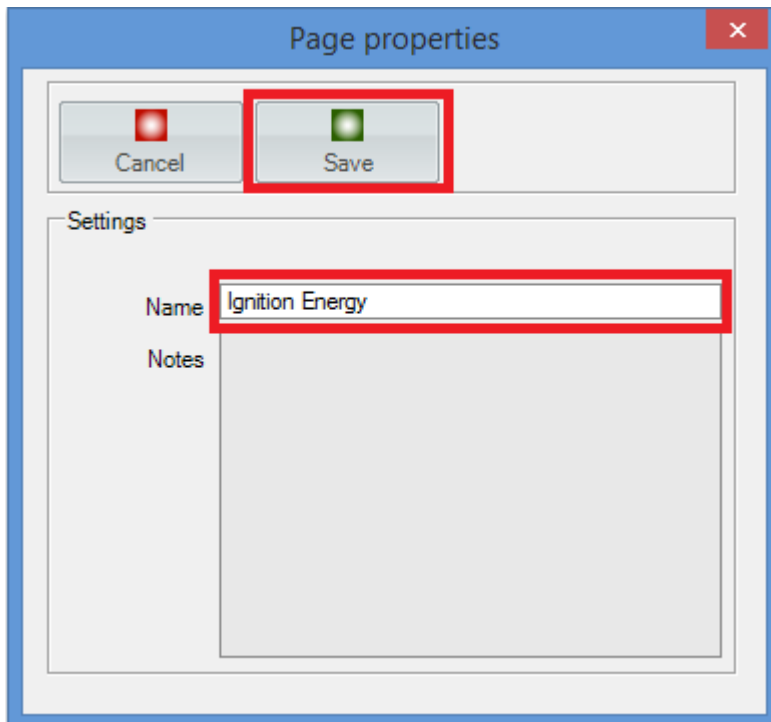


3.2. To add the new Page, click the **Add** button.



Add

3.3. In the next window, enter the **Name** for the new Page and **Save**.



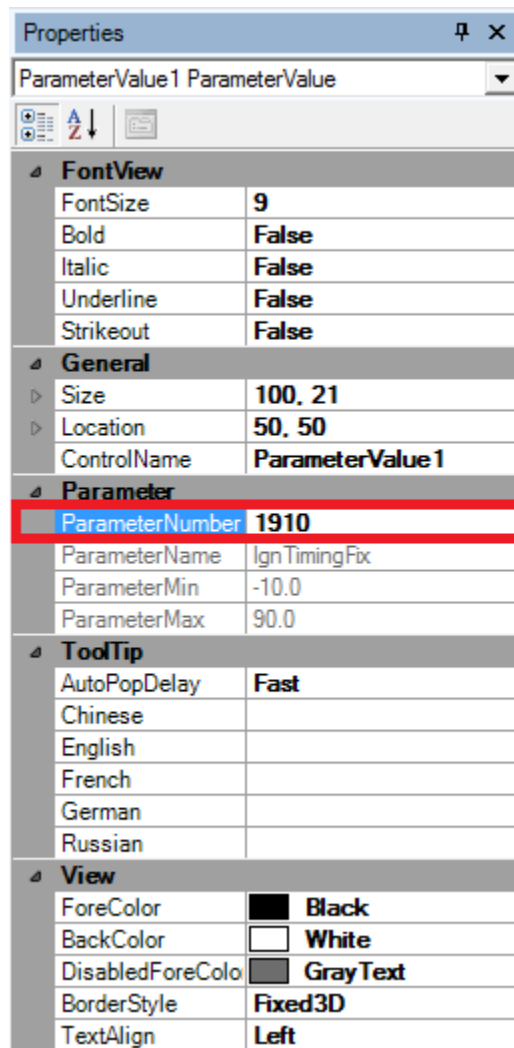
4. Now we have two pages, let`s add some controls to change and see the parameter values:
  - 4.1. Click the **Parameter Value** button.



Parameter  
Value

Set the next properties to:

- a. Location: (180, 60)
- b. Size: (70, 21)
- c. ParameterNumber: 1910



4.2. Click on the **Label** button.



Set the next properties to:

- d. Location: (255, 60)
- e. Size: (70, 20)
- f. Caption -> English: °BTDC
- g. BorderStyle: None
- h. FontSize:10

The result is seen in Fig. 1.

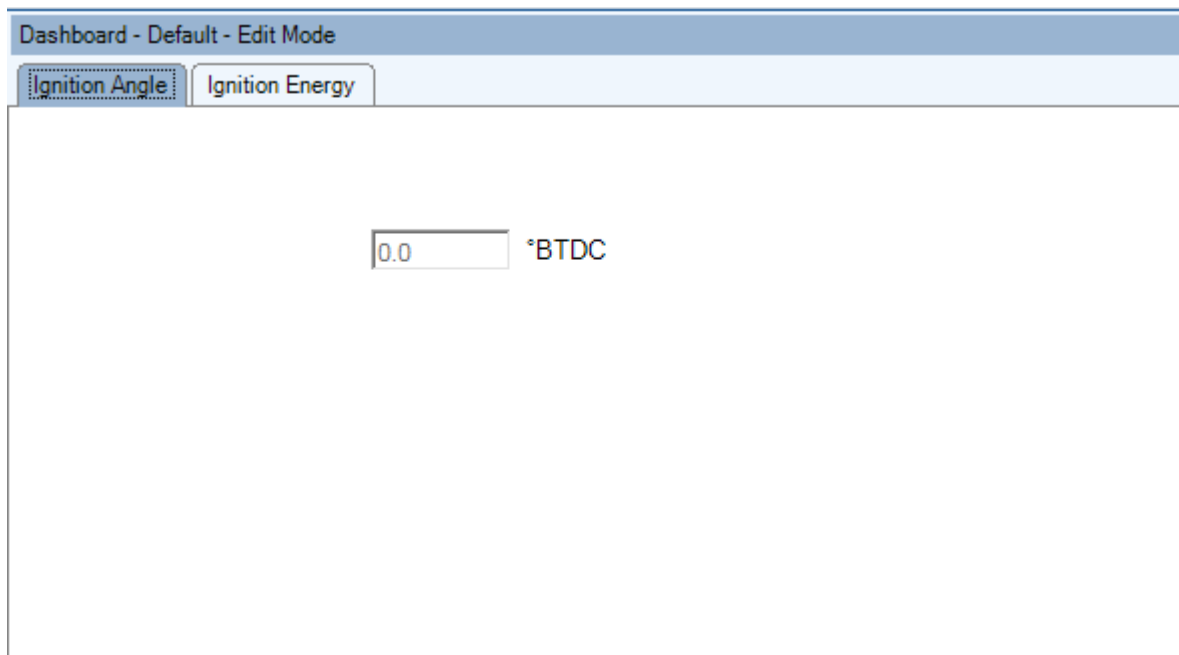


Fig. 1

4.3. Click on the **Option button**.



Option  
Button

This control allows parameters with Boolean values to be assigned. Set the next properties to:

- Location: (30,60)
- Size: (100,60)
- ParameterNumber: 5910
- English0: Fix
- English1: from Map
- BorderStyle: None

4.4. Click on **Button**.



Button

To assign the function to this control, right click on Button1, choose **Insert link to Map-> Ignition Timing: Map 1**. Set the next properties to Button1:

- Location: (180,90)
- Size: (70,25)
- English: Map
- FontSize: 10

4.5. Click on the **Scala** button.



This control shows the parameter values.

Set the next properties to GageDial1:

- Location: (30,165)
- Size: (225,125)
- ParameterNumber: 3910
- CalcMaxValue: 50

The result is seen in Fig. 2:

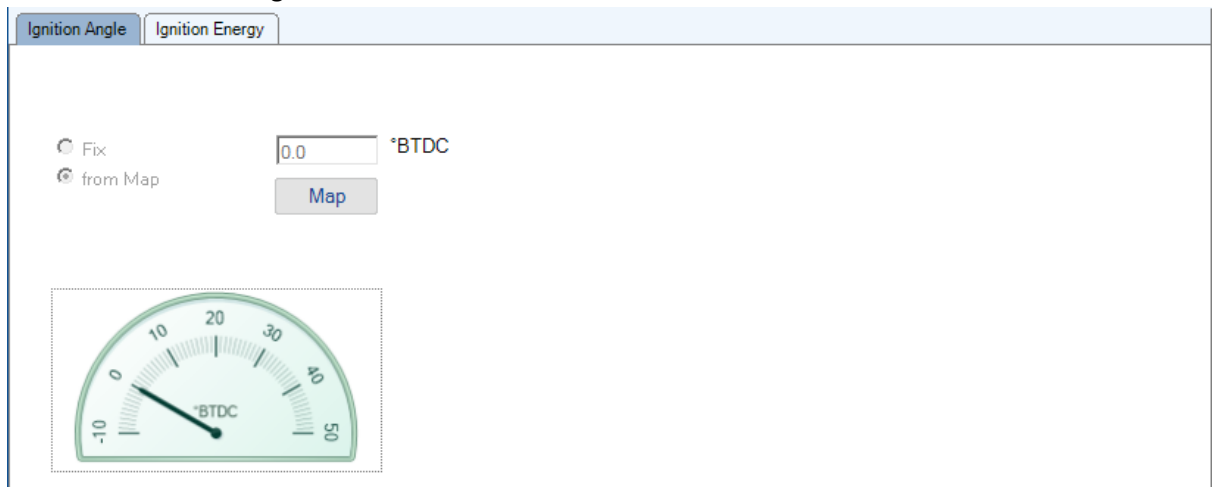


Fig. 2

- 4.6. Now add: Labels (shows the Parameter Name), ParameterValues (shows the Parameter Value) and Label (shows the Parameter Unit).

Add **Label** and set the next properties to:

- Location: (360,60)
- Size: (180,16)
- English: Fix ignition timing
- BorderStyle: None
- FontSize: 9

Then **Copy** this Label2 and **Paste** 4 times. (Use hot keys *Ctrl+C* to Copy and *Ctrl+V* to Paste, or right mouse click on Label2, and choose Copy and then Paste).

For Label3 set the properties:

- Location: (360,90)
- English: Ignition timing from map

For Label4 set the properties:

- Location: (360,120)
- English: External timing offset

For Label5 set the properties:



- a. Location: (375,150)
- b. English: Timing offset potentiometer

For Label6 set the properties:

- a. Location: (30,300)
- b. Size: (125,20)
- c. English: Active ignition timing

Add **ParameterValue** and set the next properties to:

- a. Location: (540,60)
- b. Size: (40,16)
- c. FontSize: 10
- d. BorderStyle: None
- e. ParameterNumber: 3911
- f. English: Fix ignition timing

Then **Copy** this ParameterValue2 and Paste 4 times. *(Use hot keys Ctrl+C to Copy and Ctrl+V to Paste, or right mouse click on the Label2, and choose Copy and then Paste).*

For ParameterValue3 set the properties:

- a. Location: (540,90)
- b. ParameterNumber: 3912

For ParameterValue4 set the properties:

- a. Location: (540,120)
- b. ParameterNumber: 3917

For ParameterValue5 set the properties:

- a. Location: (540,150)
- b. ParameterNumber: 3918

For ParameterValue6 set the properties:

- a. Location: (160,300)
- b. ParameterNumber: 3910
- c. FontSize: 12

Add **Label** and set the next properties to:

- a. Location: (585,60)
- b. Size: (50,16)
- c. English: °BTDC
- d. BorderStyle: None
- e. FontSize: 10

Then **Copy** this Label7 and Paste 4 times. *(Use hot keys Ctrl+C to Copy and Ctrl+V to Paste, or right mouse click on the Label2, and choose Copy and then Paste)* and set location for:

- a. Label8: Location: (585,90)
- b. Label9: Location: (585,120)

- c. Label10: Location: (585,150)
- d. Label11: Location: (195,300)

4.7. Click on the **Checkbox** button.



Checkbox

This control allows parameters with Boolean values to be assigned.

Set the next properties to Checkbox1:

- a. Location: (360,155)
- b. ParameterNumber: 5919
- c. English: *clear parameter name*

The result is seen in Fig. 3:

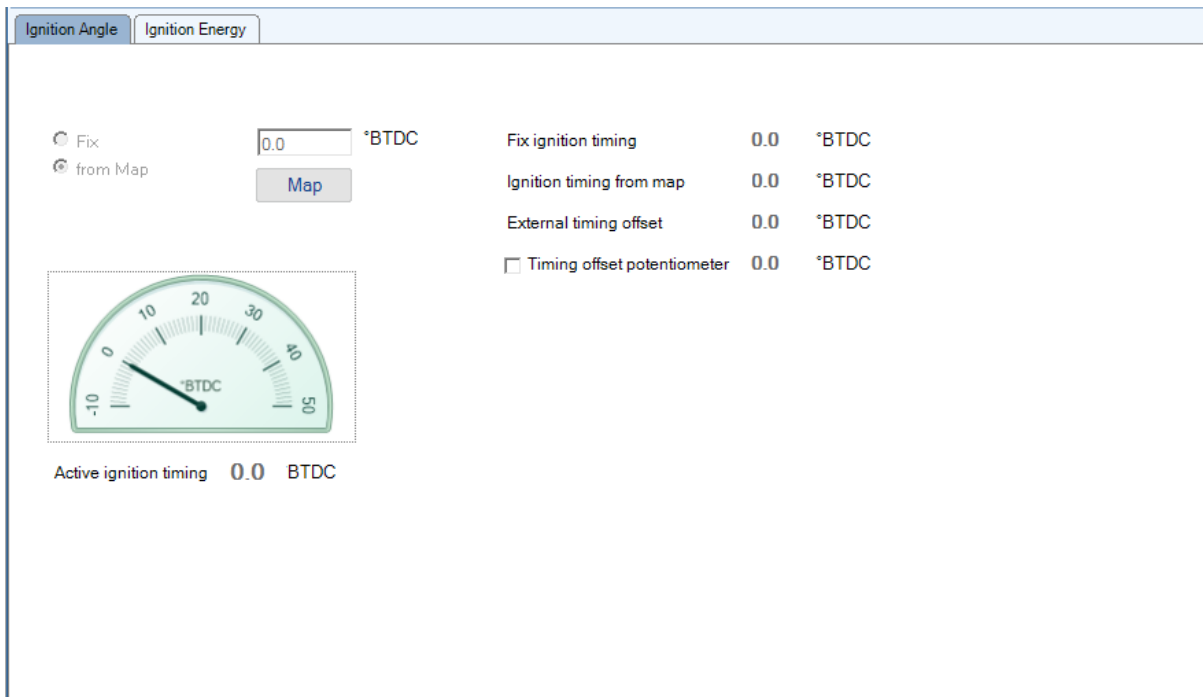


Fig. 3

4.8. In the last steps, we will add the **Rectangle** to visual group our controls. Click on the



Rectangle

**Rectangle** button.

Set the next properties to Rectangle1:

- a. Location: (20,45)
- b. Size: (625,335)

- c. LineColor: LightGray
- d. LineWidth: 1

And add **Label** as the caption for the group.

Set the next properties to Label12:

- a. Location: (20,8)
- b. Size: (200,20)
- c. English: Ignition angle
- d. BorderStyle: None
- e. FontSize:10
- f. Bold: True

The final view of the Page in Edit Mode is:

