

To Configure Auto Tune

Before you can configure Auto Tune, you will need an Auto Tune kit.

Note: Map Switch and Auto Tune cannot be enabled at the same time.

Select **Power Commander Tools > Configure > Feature Enables and Selection**

1Inputs.

2Select the **On/Off** box to enable or disable Auto Tune.

Click **Configure** to open the Auto Tune Configuration window.

Primary Module			
Feature	On/Off	Switch	Configure
Map Switch	<input type="checkbox"/>	Switch Input 1	Configure
Quick Shifter	<input type="checkbox"/>	Switch Input 2	Configure
Accel Pump	<input type="checkbox"/>	No Switch Required	Configure
Startup Fuel	<input type="checkbox"/>	No Switch Required	Configure
Rev X-tend	<input type="checkbox"/>	No Switch Required	Configure
Auto Tune Switch	<input type="checkbox"/>	Switch Input 1	Configure
Auto Tune	<input type="checkbox"/>	No Switch Required	Configure

Ignition Module			
Feature	On/Off	Switch	Configure
Launch Control	<input type="checkbox"/>	Switch Input 2	Configure
Speed Limiter	<input type="checkbox"/>	Switch Input 1	Configure

OK Cancel

3

4Enable or disable the Require Run Time.

Minimum Run Time—is the length of time after startup before Auto Tune starts.

5Enable or disable the Require Engine Temp.

Minimum Temp—Auto Tune will not start until this engine temperature is reached. Enter a temperature in Fahrenheit if Harley ECM Data is enabled and configured. For an analog temperature sensor, the units are dependent on the settings entered in the Engine Temperature tab.

6Enter the Trim Settings.

The Max Enrichment Trim/Max Enleanment Trim—the maximum percentage of fuel changes Auto Tune will make during an Auto Tune session.

7Using the drop-down list, select the number of O2 sensors.

8Click **OK** to accept the changes.

Or

Click **Cancel** to exit the window with no changes.

Auto Tune Configuration

Require Run Time

Minimum Run Time (sec)

Require Engine Temp

Minimum Temp

Max Enrichment Trim (%)

Max Enleanment Trim (%)

Number of O2 Sensors

OK **Cancel**

9 Click **OK** to accept the changes in the Feature Selections window.

10 Click **Yes** to disable the map switch feature and enable Auto Tune.

Note: Map Switch and Auto Tune cannot be enabled at the same time.

Confirm

?

The map switch feature is enabled and must be disabled to use auto tune.
Do you wish to continue and disable map switch?

Yes **No**

11 Click **Yes** to add Auto Tune tables.

Note: The map position 2 tables will be replaced by Auto Tune tables. You cannot have map position 2 tables and Auto Tune tables at the same time.

Confirm

?

The current displayed map does not have auto tune tables.
Do you wish to add auto tune tables?

Yes **No**

12 Select the device and style.

Single Fuel Device—will Auto Tune only the primary fuel device.

Both Fuel Devices—will Auto Tune both the primary fuel device (PCV) and the secondary fuel device (SFM).

Throttle Position—will Auto Tune the %Throttle table.

Pressure—will Auto Tune the Pressure table.