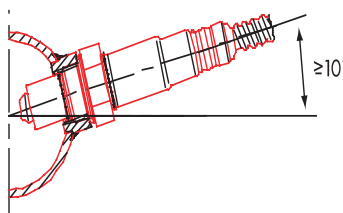




The Auto tune kit is a universal product that can be utilized on any model using the PCV and which has a 12v power source.

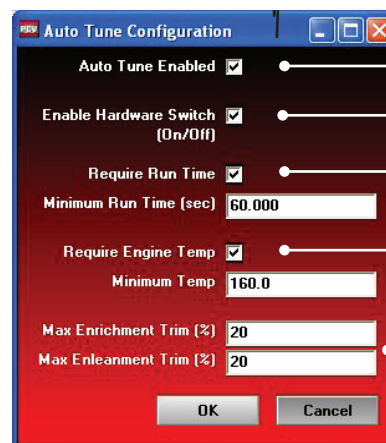
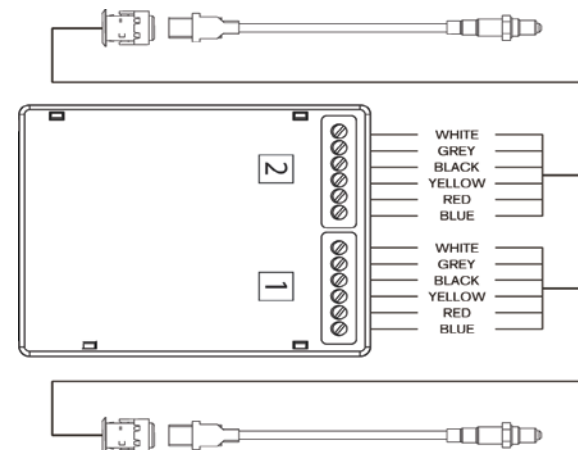
- Some stock and aftermarket exhausts come equipped with O2 sensor bungs. If your system uses a M18x1.5mm thread then you can simply use this location for the Auto tune sensors. If you have to drill a hole for a new bung (mild steel bung included), we recommend doing so before the catalytic converter (if applicable). It is recommended to position the weld bung /sensor approximately 6"-18" from the exhaust port of the cylinder.
- Mount the weld boss in a manner that reduces the risk of moisture contamination on the sensor. Condensation can build up in the exhaust pipes and potentially damage the sensor. Ideally, you should orient the weld boss so the sensor is between the 9 o'clock and 3 o'clock position. A 10° inclination off the horizontal plane should be considered a minimum.

**Note:** Verify you have adequate clearance for the sensor and wiring harness. Make sure the O2 sensor harness is as straight as possible. If you must secure the harness to keep away from danger make sure you do not squeeze the sheathing of the harness.



- Install the Auto tune module near the PCV.
- Connect the Auto tune module to the PCV using the supplied CAN cable. It does not matter what port the cable is connected to.

- Install the CAN termination plug into the open port of the Autotune module. **This is the small BLACK plastic connector in the kit.**
- Connect the O2 sensor cable to the O2 sensor and route the cable to the Auto tune module ensuring the cable will not get pinched or damaged by the exhaust. The cable can be trimmed shorter if desired.
- Connect the O2 sensor cable to the Auto Module. Repeat for other cylinder. #1 on the back of the Auto tune module refers to the front cylinder and FUEL TABLE 1 in the PCV software.
- Connect the BLACK wire from the AT300 to a good chassis ground using either one of the supplied Posi-taps or ring lug. The negative side of the battery is a good location.
- Connect the RED wire of the AT300 to a switched 12v source using the supplied posi-tap. The power for the tail light is a good location. Most PCV install guides will tell you the wire color for this location. The Auto tune can pull up to 5amps while the sensors are warming up.
- Block or disable the clean air injection system if applicable (see tech tips).
- The Autotune kit when used in conjunction with the PCV allows the bike to be automatically tuned to a target air/fuel ratio. To use this feature you must first enable Auto Tune in the PCV. Go to PowerCommander Tools - Configure - Autotune.



- Enables Autotune feature
- If using a switch (not included) check this box
- How much time after starting the engine the software waits until it starts sampling
- What temperature the engine needs to reach before the software starts sampling. (optional wiring needed to function)
- The maximum the software will trim per session

