

Congratulations on your recent purchase of an Air-Tec hydrogen Unit! Shortly, you will be reaping the benefits of increased horsepower, increased miles per gallon, and lower emissions!

Installing Your New Air-Tec Fuel Savings System

1. **Install the section of intake tube we have equipped with the Air-Tec Coil.**
As we order the same intake tube that is on your machine all you need to do is remove the old intake tube and replace it with the new tube we have equipped with the Air-Tec Coil. Unless we specify otherwise no modifications will be necessary.

2. **Once the intake is installed you will need to plan where you are going to install the Air-Tec Module.** We recommend (when possible) to install the module in the cab, while not necessary it helps shield the module from the elements.
 - a. **On vehicle/semi:** We suggest installing the module under the front dash on the driver's side. Looking under the dash (by the clutch, brake, and gas pedals) you should see where the wire harness comes from engine compartment to the dash of your vehicle. This is usually a good location to install the module as it allows you to use the existing wiring harness. Once making sure that the cable to the coil and power cable are long enough fasten the module under the dash. We usually use zip ties to fasten the module in-line with the wiring harness or to part of the dash frame.
 - b. **On tractors or other applications:** In these cases it comes down to judgment. Select a location where the module will not be subject to extreme temperatures, weather elements (if possible), and will not be in risk of being bumped or ripped off. Again make sure the cable to the coil and power cable are long enough. Then proceed to fasten the module using zip ties to secure the unit in place

3. **Power Supply:** The power supply to the module can be hooked directly to the battery on your vehicle or machine (by far the easiest location). You do not need to worry about the module draining your machines battery as the Air-Tec unit will turn on when it detects a voltage increase (machine starting) and shut off when there is a voltage decrease (when the alternator stops charging the battery). However, if you prefer to wire the unit into a fuse it will not affect the units function.
4. **Secure the power cord from the battery and wiring going to the coil.** Run the power cord and cord going to coil with existing wires/wiring harnesses when possible. Secure the Air-Tec wires to the existing wires using zip ties.
5. **Visually check the module and wiring to make sure it is no danger of being smashed or ripped off, also make sure the wiring is not touching any metal components where it is in risk of the wire being worn through.**
6. **Installation is Complete. The Air-Tec Unit will turn on when it detects a voltage increase (a minute or two after the machine is running). The green light on the module will flash when the unit is working; if something is not working the red light will also flash.** If the red light is flashing double check the installation process then if the problem is not resolved contact U.S. Freedom Bio Fuels or you local Air-Tec Dealer.
7. **The Air-Tec coil is completely water-proofed so you can pressure wash your vehicle or machine without worrying about getting the coil or module wet.**

Please contact us at (888) 235-7792 if you have any further questions.