

## **Converting Air Pressure Into Other Energies**

Air pressure may be converted into air conditioning or electric heat, and may also be used to move boats, snowmobiles, motorcycles, ATVs or any other vehicle. To convert a car for this purpose, remove the engine and fuel tank, leaving only the battery, air conditioning compressor, alternator and transmission. Bring in an air hose from an air compressor, and attach an air drill to that line. When you connect and spin the car's alternator with the drill, you have converted air pressure into electricity. Switch on the rear window de-icer, and you have electric heat. Operate any lights, fans, radios or onboard TVs, CD players or charge your battery to put energy into storage, to be used weeks or months later. Attach that same drill to the air conditioning compressor and you have converted air pressure energy into air conditioning and refrigeration. Attach the air drill to the transmission and drive the car away. To allow your vehicle to drive long distances and haul heavy loads without an outside power source (the air compressor), carbon fiber air tanks would need to be installed beneath your vehicle and inside what once was the engine compartment. These air tanks allow you to take as much stored energy with you as possible. These tanks can store more than 4,000 pounds per square inch of portable compressed air energy.

Only Thousand River Environmental Energy (TREE) has a patented, environmentally friendly, energy efficient hydraulic cylinder. This cylinder is designed

to maximize the power of hydraulic pressure, with a pneumatic (air) cylinder inside of the same hydraulic cylinder, using hydraulic oil or vegetable oil inside of an air charged canister. This design allows this device to be far more energy efficient than most turbines (the air drill used in our demonstration). This also allows any of your devices or vehicles to be regenerated in a wide variety of ways.

With the correct people implementing these devices in areas needed most, we should be able to measure improved results in eliminating particles and other contaminants from our atmosphere. All of the equipment, devices and vehicles are designed to purify or filter the air being used, leaving the atmosphere cleaner with each use. An Internet-based search of “pressurized fluid based power system for devices such as vehicle drive trains” produces a website showing how heating and air conditioning your home and business can also be done pollution-free. In that application, river boats or windmills spinning air compressors (instead of electric generators) can put enough compressed air energy in storage so that homes and businesses can be completely independent of natural gas or outside electrical power.

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