How to Select the Best Catalytic Converters for Off-Roaders by Dena Mccarthy

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Truck and jeep owners who participate in off-road adventures need quality vehicle products including Catalytic Converters. These exhaust products must be able to handle rough terrains, rock crawling, and mudding. 4 Wheel Parts is a leader of vehicle products for off-roaders including catalytic converters which are required for vehicles that are used both on and off the road.

There are several types of catalytic converters. Some are legal for street use while others are not. This may be state-specific so be sure to know your state's law regarding catalytic converters. Each type of converter has individual benefits. All are critical to an effective vehicle exhaust system.

Converters play a major role in reducing vehicle emissions. These exhaust products convert emissions from vehicle exhaust systems into non-toxic outputs. To do this, a chemical reaction occurs in the converter that changes toxic pollutants created by an internal combustion engine into non-toxic substances.

Many view trucks and jeeps as particularly responsible for producing harmful vehicle emissions. This is particularly true for those that run on diesel fuel. The larger the vehicle's engine, the more pollution. Or so it seems. In reality, there are several high-quality catalytic converters that truck and jeep owners can purchase through 4 Wheel Parts to significantly reduce toxic exhaust emissions.

When you buy a "49-State" catalytic converter, you get a product that meets EPA (Environmental Protection Agency) and emissions requirements for vehicles. Two types are made: universal fit and direct fit. Universal fit converters can be used with most vehicles. However, installation requires customization with cutting or welding equipment. You will need to have this type of converter professionally installed.

If you prefer to install the converter yourself, the "49-State" direct fit model is your best option. This type of catalytic converter meets the specific requirements of each vehicle make and model. While you can keep it simple by using the bolt-on installation procedures, you may want to further secure it by welding it to insure it stays in place.

A "California" catalytic converter meets CARB (California Air Resources Board) and emissions requirements for vehicles. Like the "49-State" converter, the "California" catalytic converter is available as a universal fit and direct fit product. The universal fit product will require professional installation while the direct fit can be self-installed. Both are for legal for street use. Unlike the "49-State", the two "California" converters cannot be modified beyond stated applications and remain compliant with CARB.

If you are planning to use your truck or jeep for off-street racing, there are race converters available that produce limited back pressure. This allows you to meet racing as well as emissions requirements. Diesel catalytic converters are also made for racing vehicles.

Off-roaders need high-quality converters because they push their vehicle's engine which produces more exhaust. Catalytic converters available from 4 Wheel Parts reduce harmful vehicle emissions. Through a chemical reaction that results when specific pollutants and exhaust chemicals interact with one another, converters help keep our air and environment clean. And they are ideal for off-roaders who are rough on their vehicles.

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For leading truck and jeep exhaust products, check out a Catalytic Converters

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