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Rc trucks powered by nitro fuel were introduced in to the market in the 1940s. Their major advantage was accurate control in driving. By the mid-1960s, there are several commercial viable trucks made by an Italian company called ElettronicaGiocattoli (El-Gi). The first model the company made was a Ferrari 250 Lm first available in the United Kingdom on December, 1996. The second was a Ferrari P4. In the Mid 1960s, a British company started producing commercial viable trucks. The first models for the company were nitro trucks which were sold locally in the 1970s. Today, remote controlled vehicles have increasingly become popular largely because of their reduced prices and technological advancements. This makes the hobby of driving rc trucks a more exciting venture.

In the United States, several companies in the mid 1960s ventured into commercial production of rc vehicles. This venture was taken by small firms that started out as slot vehicle companies before moving to the field of rc vehicles production. Associated Electric, Scorpio, Thorp, Taurus, and Dynamic are some of the companies in the United States. Production of rc vehicles started out in the 60s as kits scale 1/8 nitro powered vehicles. These rc vehicles had 0.21 inch engine with bodies made of polycarbonate. The popular engine then was a K&B Veco McCoy. Auto Racers was the sole proprietor for races at the time. A company in Washington state created a 1/12 nitro truck in the year 1973-1974. The company was called Jerobee. Several other companies started making parts of the rc trucks. The parts included heat sinks, large fuel tanks and Lexan bodies.

Operation of Rc trucks

The trucks use a set of components for control and operation. One of the components is a transmitter with a joystick for control, a receiver, a trigger for throttle, and a wheel for turning. The receiver is used to convert the signal broadcast received from the transmitter into an electrical signal. The electrical signal commands components of therc vehicles. The radio system in an rc vehicle makes use of amplitude modulation when encoding control positions. Encoding is done with pulse width modulation. Toy rc vehicles in the United States operate in two radio frequencies: 27 or 49 megahertz (MHZ). The controller communicates with the rc vehicle through these frequencies. For people who plan to run their rc trucks along side cars, or helicopters, then it is important they know which frequency they use.

Tuning the suspension of the trucks increases their speed, prolongs life and improves handling. There is no definitive rule for tuning of suspensions but depends on variety of factors such as how and where one drives the rc and specifics of the remote controlled vehicle. The most basic tuning of the suspension should be followed according to manufacturerâ€™s recommended set up. This is a good starting point for tweaking various settings of the rc vehicle such as shock oil, toe angle and springs. For a detailed tune up, one can refer to detailed articles on the way to tune various features of suspension of rc trucks.

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Javed Khan - About Author:

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