

REMOTE CONTROL CARS

inside out

SELECTED TIPS - 106 PAGES!

Remote Control Cars Inside Out



106 Pages!

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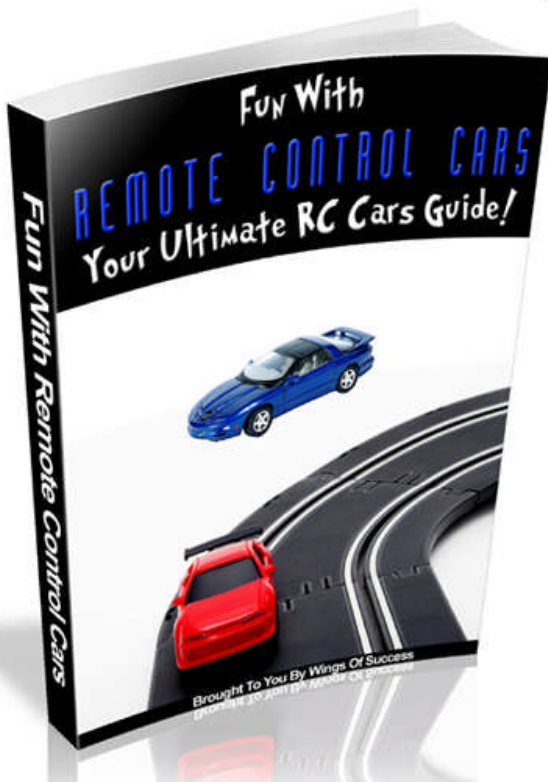
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Take Care When Reading Reviews About Remote Control Helicopters

Hundreds of reviews have been read by me regarding remote control helicopters. As i am the editor of a magazine that gives you information about helicopters, that gives you lots of information regarding the best one to buy for an owner who's going for a helicopter for the first time, also it provides suggestions for the existing owners of helicopter operated on remote control. The magazine is really cool as it provides me with the views of other readers who are interested in helicopters operated on remote control. It should be accepted by me that the views of the readers varies a lot. Hence it is preferred that the best thing to do is to carry out experiment on the helicopters operated on remote control and adapt the one which satisfies all your expectations instead of going by the way based on a stranger's view .This explains the reason for the reviews that's written in the magazine, as there are lots of people who are buying their first helicopter operated on a remote control without being aware of the fact what they are expecting for.

These reviews are not supposed to be taken very seriously but it can be taken as information regarding other people's mindset for a helicopter. Any way beating round the bush it's up to your choice about how your helicopter is supposed to be and it is you who is supposed to decide, for example the blades of a helicopter are made of plastic or some other material and it's up to your choice which one you would like to have. But still this magazine impresses me a lot since it provides us with the views of people irrespective of their class that they belong to, and it takes the views into consideration even if you are not a rich person who does not know what to do with his wealth.

We people are well aware of the fact that it is tough to earn money now days, and this makes the consumers much more aware of their purchases. This is really a great thing in my view. But still there is another category of people who manage to collect the required amount of money by

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hiking the price of the helicopter to a mind whoomping price thinking that they would come across customers who didn't prepare themselves for buying one.

And it so happens that those people some how manage to get customers who pay a lot of amount than what the helicopter deserves. Since such customers stay in one or other business they don't bother to spend .And i get horrified by when i come across such people who paid such mind whoomping amounts. When i enquire them about the magazines they used to come with one or the other lame reasons. Some of them would say they didn't have enough time and some of them would say much worse reasons. When I listen to such reasons i keep thinking that these guys had enough time to work and make up the required amount of money and they didn't have enough time to go through such magazines. I don't think so. Well any how nowadays customers are becoming much more responsible about their purchases and i hope this trend keeps on continuing. Since I don't like to see people in their debt.

Well it's a thing that is to be regretted. Well any how if you turn out to be a enthu for buying a helicopter operated on remote control then make it sure that you do lots of home work by reading the reviews of the magazines. As it helps you save your currency earned hardly.

Daredevils And Remote Control Gasoline Powered Helicopters

It's perhaps not the best idea to procure a gasoline powered remote control helicopter unless of course, you actually know how to fly a helicopter and have loads of daredevil in you. But if you don't know what you're doing with them, you're probably going to get really hurt because these machines are dirty, dangerous and extremely tricky to fly.

To be safe, it is recommended you purchase an electric model, which is lower in price, and ensure you fly it only in good weather. It may be alright to go for one of the gasoline based models but make sure you get a permit for operation and remember to operate it only in particular weather conditions and at a particular time of day.

These regulations have been placed because there have been several incidents of accidents relating to the gasoline powered remote control helicopter and several have crashed and burned because a spark ignited the gasoline. While operating a gasoline-based machine, one must exercise utmost caution, but then if you're a cautious person, the odds of you buying a gasoline powered remote control helicopter in the first place are probably low. It is usually the daredevils who end up purchasing these machines, and when they do, everyone has to be wary because if one of them crashes, the person who is responsible would probably just find it amusing. But it is far from amusing if uncontrolled. I know because I have had personal experience, not as a daredevil myself, but as a spectator when, on one fall day, two gasoline powered remote control helicopter crashed into each other while being operated by a daredevil.

In addition to bursting into flames, they also ignited some dried leaves that were nearby. It was beginning to turn into an ugly situation, but luckily I chanced to be playing with my son nearby, in a sandy area adjoining a water source and was able to put out the fire by filling water in a pail that we were previously using to build sand castles. That was when I really experienced the

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dark side of this sport and I'm really glad I could help prevent people from getting injured. But the flyer seemed to take little notice of the harm he could have caused and much less of the immense amount of money he had just lost. All he was concerned with was capturing the enormous crash on tape and using it in his website to establish his championship in helicopter flying.

If you are, nevertheless, interested in flying these gasoline powered remote control helicopters, then I suggest you do it in an isolated area, away from any life source, particularly children. I am certain you wouldn't want innocent children hurt because of the carelessness of a daredevil.

What You Must Know About Electric RC Cars

Knowing about RC cars is very essential before stepping into the racing world. If you are still an amateur, you might crib on the fact that you aren't able to choose the best electric powered RC car. You need an assistance to choose the best suitable car to pose against your rivals and this isn't easy as it might sound.

Electric RC cars are the ones which run on batteries. The electric batteries are in the form of battery packs. You have a choice while choosing the battery. The 'ready to run' or the batteries which you need to built it yourself are available. The 'ready to run' batteries are preferred as the work load becomes very minimal.

Nitro RC cars are the ones which are tougher to maintain and they are quite expensive. RC cars that run on battery packs are easier to purchase. It is specifically designed for amateurs or beginners. However, RC car fanatics who are quite experiences use these cars for variety and comparison purposes.

RC electric cars are user-friendly and they are available cheap in the market. This is their main advantage. The difference between the prices of a gasoline powered RC car and an electric RC car goes up to a hundred dollars.

How do you choose an electric RC car?

You will have to think about a lot of things before committing to an RC car. The budget and capability are the main factors. Choose the RC car which will be worth the buy ad not empty your pocket.

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Electric car kits are available for on-road as well as off-road performance. Color, style and sizes vary. The manufacturers offer different features for every RC car they produce. Make sure you buy the best one in terms of budget, capabilities and needs.

The 'ready to run' kit can facilitate youngsters and novice people. They are all sold prepared and there is no necessity to bother about assembly and other parts. The package will contain receiver, servo, radio, motor and electronic speed control. So there is no need to worry after buying this kit.

If you have a liking for the engineering of the car, you should back yourself up and build yourself a kit. You make sure that the parts are in the kit and you buy them separately.

Where do you purchase?

The usual RC car shops can be accessed by beginners. It is always better to seek the advice from experts in this arena. If you have decided to make your transaction online, be sure you interact with a loyal pro. Buying online could be cheaper and also you have the luxury to choose from wide range of cars and its parts.

While buying, you should compare the price and the quality of it. Take the discounts which come your way.

Tuning and Racing

To achieve more power and speed, tuning can be employed. It must be coupled with a proper break to produce the best performance. If the braking system is up to the mark, it reduces wear and tear and also produces less heat. If you wish to break-in, all you have got to do is allow the motor to run with wheels off the ground. Draw radio control by $\frac{1}{4}$ of the way. The whole thing should be practiced for five minutes. After five or more substitutions of brushes, it is advisable to replace the motor.

Getting Started With A Radio Controlled Model Hobby

Hobbies controlled by a radio may cost you a lot. Models which are of toy grade may be too entertaining for children, but for a person who is interested in a hobby which is controlled by radio should implement it in a model which is of the hobby grade.

The most popular and the most preferred radio controlled model is a car. But make it a point that it does not shut your options and the thing that you are looking out for. The principle and the concept of a model which is of the hobby grade are tough and lucid in design. Many of them need to practice for mastering the control over a system. One of the most preferred ways to start is to invest in a car and in future you can go ahead with higher models such as aero planes and others. An individual having a facility to access a ground (e.g.: football field) can cautiously implement in an airborne instrument as the beginning stages needs ample amount of space to master the control of the model.

There are many highly dedicated makers of radio controlled models of the hobby grade and they tend to have one which suits your budget also your taste. It is preferable to watch out for few shops that have RC (radio controlled) models of the hobby grade before buying one. By doing this you get a better option for the features that you expect. The price of the models may differ but you hopefully come in contact with many hobbyists by enquiring in many places.

The limit of money that you are about to invest is totally dependent on your capacities. If you long to invest in cheap models then you may opt for one among those or else you can opt for the one's which are high ended and latest that have complicated controls and circuits. This is a fact regarding the airborne ones. But the thing you need to note is you need to be wise while investing in such controllers and make it a point that you need not invest if you are not a RC enthusiast, as these radio controlled hobby grade models are much more costlier than the

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models of the toy grade. If you are thinking that you don't have enough time spend with those models then you aren't the person for whom the hobby grade model is meant for.

In olden days when internet was not even invented meeting in person was the one and only means for the enthusiasts to communicate with each other. Even a phone call also a small mail used to be not enough for communicating efficiently. But the RC model enthusiasts used to travel a lot just to exchange their views regarding the hobbies to get interacted. This was the difficulty during those days. But the invention of internet has made it easier for you to interact with each other. Nowadays we people are just a click of a mouse away from each other. These days it's not required by the hobby enthusiasts to meet in person, but still meeting in person was considered to be more effective. Groups in the internet help to organize more and more events effectively and to know about more and more hobby related activities effectively.

The Hobby: RC Cars

Races are long and you feel you aren't competitive enough? Do you have the faintest idea about RC cars or RC racing? Maybe you do, because RC racing is becoming a sought-after hobby and is becoming popular around the world.

RC racing is proved to be very addictive and can get your interest at the drop of a hat, just like a cigar. You tend to enjoy the fag and enjoy that pleasure when you smoke. Such is the feeling of RC racing as well. You will start craving for more adventure as the feeling of joysticks in your hand gives it a sensational feeling.

Two types of RC cars are available in market these days- gasoline powered and the electric RC cars. The electric powered cars are easy to maintain and run. They also can be made quieter if needed. It's a mere plugging of batteries to run these RC cars. If these parts are assembled precisely, all you have got to do, then, is just turn and relish the racing. This is precisely why RC cars are better for the amateurs.

However, RC cars which run on gas seem to deliver better performance. These cars are faster than the electric ones. They function better as well but the only drawback is its complexity of these cars. They need to be maintained well and this requires hard work. Nevertheless, they are extremely exciting.

Usually, the RC cars which run on gas are preferred by veteran and experienced drivers as they know exactly how to handle these fast cars. These cars are very powerful and hence needs professional handling. The engines of these cars are heart-thumping. The main advantage of these RC cars is the fact that you don't need to wait for batteries to recharge. You can just refill the fuel and get yourself on track again. These cars are quite expensive compared to electric RC cars.

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Both the gas operated RC cars and the electric RC cars have their own advantages and disadvantages. The one which appeals to you will matter at the end of the day. But you should ensure that you don't waste much money on these cars. To purchase and maintain a RC car running on gas is a costly affair and isn't easy. Make sure you don't drain your bank account on a purchase of an RC car.

You will know, if you have visited an RC car shop, that a RC hobby is more expensive than a toy RC. The difference in the prices of these two is more than just hundred dollars. This is quite a sum!

On purchasing a single RC car from a hobby store will sometimes make you feel bankrupt. This is mainly because most of the hobby stores are of a professional grade. They sell only high-quality stuff which sometimes won't be affordable. The hobby cars they sell are designed just like real cars, boats, trucks or even airplanes.

A few of the RC cars, belonging to the hobby-grade, are unassembled. A few others are partially assembled car kits. However, if you aren't well educated on these things and if you have the fear of buying these cars, it's safer to not get one. It is always better to opt for an assembled RC car any day. You can buy them in RC car shops. Also remember it is always advisable to allow the experts do the assembly than trying out by you. It is safer to not gamble on a precious and quality RC car.

If your kids seem to gain interest on these RC cars as well, then get them RC toy cars which are available in the hobby stores. They are specially designed for kids and amateurs.

Information About Vortex Remote Control Helicopters

What is a vortex? It is a phenomenon of spinning an object to create a vortex of liquid or wind. This generally is the shape of a tornado. Ever done a hurricane experiment in a 2 liter soda bottle? This is an example of vortex creation. This is the basis by which vortex helicopters work.

The principle of vortex remote control helicopters is the creation of an air vortex, this vortex is an invisible stream of air in the form of a tornado. Before you decide to rush to your local store to get yourself a vortex helicopter it is advisable to make a list of requirements . The prime reason for this is the fact that people often make a choice based on superficial things like the color of the helicopter. Also remember never to choose a copter based on its price. Some people commit this mistake thinking that all helicopters are the same, while in reality they are not. It is crucial for you to know the exact thing you are looking for, otherwise you may end up being confused by the various models on offer. Walk into the shop with a clear and focused mind. Steer away from distractions like flashy colors. So, what exactly should one look for in a vortex remote control helicopter.

One should always prepare a short list of the best helicopters on offer, doing it by process of natural elimination. Choosing the one to buy from the short list requires introspection. I would recommend that durability of the copter should be the prime requirement and not its outward appearance. If money is not an issue then there are many top class helicopters available, which will not only look good, but will be durable as well. In any case, my best wishes go with you on making this purchase.

A vortex remote control helicopter is usually very well made and the manufacturer ensures the quality of the product is high. The downside to this is the cost, which is slightly on the expensive side, but is good value for money as the vortex helicopter is top draw and almost flawless in its make. You could use the vortex remote control helicopter in competitions that are held from time to time. These events usually offer a lot in terms of prize money, which would help in re-gaining your investment.

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The contests take place frequently and if you are really interested in participating in them, then you should not hesitate in buying the best vortex helicopter available. Anything of cheaper quality would be useless as winning with it be next to impossible. On the other hand, if you want to go in for the helicopter just for the sake of re-creation then choose one which suits your price range. It is important to remember that these helicopters are delicate and need to be handled carefully. With good maintenance, you could get the copter to last at least a couple of years.

Making A Radio Controlled Boat

Miniature boats are very appealing and very thrilling. Many find it amusing to see or experience a miniature boat skim of the surface of water of a local lake. Whether you are a kid or a grown-up, you will still be excited to watch these boats on water. There is, at the same time, immense pleasure in seeing you own remote controlled boat doing all this. There is a sense of achievement after completing a huge and challenging project. For making a boat you will need materials that will be available in hobby stores. Making these boats is actually easier than it might sound. It is a process that will involve hard work, no doubt, and good building skills. You should make sure you enjoy the efforts put in.

Building your own remote controlled boat gives massive satisfaction and makes things exciting rather than buying a pre-made one. You feel challenged when you are making such a boat for yourself. It can give you a lot of satisfaction and joy. When you actually finish making the boat and watch it do its trick, it feels awesome. So making a boat will somehow pay off at the end of the day. But, however, failure is due to strike and even if it does, you should be backing yourself up and do your best. Your boat might fail to navigate or it may sink, but you should be persevering to go on. Keep trying until you succeed and that satisfaction of achievement is very special.

You would prefer boats already created by someone, any day, than building it yourself. If you don't have the experience in this it might seem very hard. The remote control boats are found everywhere. It's on the internet, books and even magazines. Preparing a scaled model, having a full-sized boat in mind, will be helpful. If you think radio and motor components won't interfere, this is a safe path to pursue. You need to be a perfectionist when it comes to this, as even a slight misreading could result in your boat crashing or just struggling to float on water. So do not attempt strange techniques. Keep it simple and plan accordingly.

Wood is the most important raw material to construct a boat. You will need a lot other supplies as well. For custom plans, wood is probably the best material which can be used. You get balsa wood, which is a very light form of wood, in general hobby stores. Since light woods are liable to

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snap, you might need large quantities of these. So buy them in bulk and use it optimally. Glue is used for holding the wood pieces together. You start off with a hull-shaped structure and then sheets of wood are used to plate it. You then fill the holes and cracks with some kind of putty and then to make it waterproof, you spray sealants. At the end of it all, painting can be done to make it look however you wanted it to be.

Radio controlled boats usually requires more attention than when you work on other remotely controlled planes or cars. Radio equipments demand proper handling as even a drop of water onto the electrical components can damage it big-time. You will have to buy new, expensive equipments. Waterproofing motor equipments is quite difficult and hence it is safer to use it without the involvement of electricity before you actually make your first attempt. A waterproof sealant can prevent the water from seeping through.

Making a radio controlled boat isn't an easy job and you will have to pay attention to many things during the process. You will have a great time working on it if you can invest time on it. It's a fun hobby and you have to cherish every moment of the process.

Making A Radio Controlled Boat

For some reason, the idea of controlling a miniature boat, skimming the waters of a lake, is one that attracts more than just a few people. Kids and adults alike find remote controlled boats really exciting and thrilling. All ages find these remote controlled boats universally fun. Even more thrilling is undertaking a huge and challenging project and gradually and eventually seeing it through to success. Therefore, I would strongly recommend that you build your own remote controlled boat, from materials available at your own local hobby or craft store. But since you're here, you've perhaps already considered the prospect. It is easier than you think.

Since you've taken up the more interesting and less easy route of building your own remote controlled boat instead of purchasing a pre-made one, you will face a few challenges that you might not have to run into otherwise. But when you take your hand built remote controlled boat out to the lake finally and navigate it through treacherous and dangerous waters, you will feel satisfied and all the effort will pay off. You will feel like you have truly accomplished something great. You might fail here and there with your boat failing, falling apart or sinking. You may have to purchase new equipment all over again and many such obstacles may come in your way, but perseverance will make you glad that you didn't give up.

Unless you are experienced in boat construction, it is perhaps best you use a plan that somebody else has created. You can easily find them anywhere nowadays- in books and magazines or on the Internet. You could even make a scaled down model of a full sized boat plan. This is a pretty good method as long as you are sure the radio components and motor will not interfere. Make sure your plan is crystal clear in every possible aspect. One error, typing or reading, and your boat can end up sinking or just spinning in circles while it struggles to stay afloat.

Wood is among the most important material supply you will need, especially if you're working with custom plans. Quantities of Balsa, and other lightwood can be found at any local hobby store. Be sure to buy some extra incase the wood snaps, as wood very often does when you least expect it. Glue holds the wood together, starting with plating a hull shaped structure with successive sheets of wood. When done, you can caulk the cracks and holes with a suitable

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putty and make it water proof by spraying it all with a suitable sealant. Once done, you can start painting as per your choice and preference.

A radio controlled boats motor equipment demands more attention as compared to other Radio controlled projects like planes or cars. One drop of water in the electric component can ruin your entire project and you might have to purchase the equipment all over again. And that is very expensive business. Water proofing motor equipment is a fairly difficult process and at least one test without electricity involved should be done before its actual maiden voyage. This can be achieved by extending an arm of the motor through a waterproof sealant. This prevents water from getting in.

Every part of creating a radio-controlled boat needs to be paid equal attention. If you invest this time, you can have a great time. It would be tragic if the little sailors go about frantically throwing things overboard.

What You Need To Know About Nitro RC Cars

After "The fast and the furious", it has become a common misconception that you can call any speed boosting addition to your car a 'Nitro'. As a result many people who come across the term "Nitro RC car" are often misled to believe that its been upgraded.

One can assume such a perception has come from the fact that lots think gas powered radio control cars run on actual gasoline. This couldn't be further from the truth. What Nitro car actually means is gas powered remote controlled car. This is because this kind of RC car consumes a specialized type Nitromethane and lubricant mixture.

So what should you have to get started on your Nitro RC car?

- 1. Experience** - it is recommended you have sufficient experience in operating an electric RC car before you purchase a Nitro RC car. If you're a rookie at RC car usage then you probably won't be able to handle a Nitro RC car. This is why beginners are recommended to first get electric cars before they upgrade to Nitro RC cars. Thus, they can have enough skill to be comfortable with the Nitro RC cars.
- 2. Interest**- if you are not interested in Nitro RC cars, then there is absolutely no point in pursuing the hobby. You have to have a drive behind you to truly get the best from the RC car hobby. A hobby like Nitro RC car is expensive business and nobody likes spending on something that does not give them profit. Profit here does not mean monetary gain, but to the profit of pursuing a hobby.
- 3. Information**- it isn't very beneficial to start off with the Nitro RC cars without having enough information about different things related to it. Nitro RC car racing is often tricky. Having the correct information helps you select and maintain the car of your choice and the chances of you going wrong are less. In fact, with the right information you can even financially profit from this hobby.

4. *The correct materials-* you may be wondering exactly what are the tools you need equip your Nitro RC car with. Here is a list that can help you decide.

i) Nitro RC car kit - contains just about everything that is required by you for building yourself a basic model of the Nitro RC car. The kit contains what is required to build the RC car itself and includes the chassis, engine, and the whole ensemble. If you're a beginner it is recommended that you stick to the instructions given in the manual that comes along with the RC kit. With progress in building the car, you might want to graduate from the standard look to your own customized look for your vehicle.

ii) Fuel- the fuel required, in this case Nitromethane-castor oil mix, for powering your Nitro RC car, are available in different hobby stores and shops. Remember- using gasoline to power your Nitro car is not only wrong it is also extremely dangerous. Gasoline is extremely volatile and usually less volatile fuels are used to power the Nitro RC car. In fact gasoline is so volatile that it can even make your engine explode if used. If you'd like to ensure that your car lasts for long and in good condition, it is advisable you use only the fuel that is recommended. With precaution you can enjoy your RC hobby for many days.

Purchasing Mini Remote Control Helicopter For Indoor Use?

Read This

I can never get tired of telling people how much fun I've had with indoor remote control mini helicopters. And I think that the owners of these helicopters are some of the nicest and most fun loving people in the world. On a recent tour with a group of helicopter flyers, I found that it was the people who owned the indoor remote control mini helicopters who were the friendliest and invited all the other flyers to their houses participate in their free for all helicopter fight.

I cannot even begin to say how hospitable these groups of people were. I had a terrific time at their place. Luckily for me I had just purchased some mini indoor helicopters and I was equipped to participate in the adventures. I had such a fantastic time and we had such amazing drinks, food and conversation that it wasn't long before I knew I definitely wanted to spend a lot more time with them. And so I started touring with the group. Now we travel around the country, flying in schools and fields and for birthdays and other private parties.

I recall having the most memorable time at a birthday party of a three year old where we conducted a terrific helicopter party with our most brilliantly colored helicopters. The children were having a great time, laughing and clapping tirelessly and when we did a helicopter piñata, the kids were beside themselves with excitement. He children hit the piñata with fake helicopter blades, and on breaking, the piñata revealed a helicopter brimming with helicopter candies. There was also a party at a 92 year olds who was a retired fighter pilot. He had invited all his pilot pals. He could still fly our helicopters pretty skillfully despite his old age. It was quiet impressive and I'm glad he enjoyed himself.

Basically, the helicopter-touring club is one of the most awesome things that has happened to me and it brings me and others around me much joy. But of course, we have our ups and downs and sometimes some parties don't go right. Like this once, a bachelorette party hired us, and when we reached there, they thought we had come there for some other purpose altogether. I was shocked beyond my wits but apparently it happens now and then. I guess the party planners had had too much to drink or something because we only advertise ourselves as helicopter flyers and nothing else. And we are still helicopter flyers today. 14 years of real hard work later I can proudly claim that my helicopter touring company has now become a huge

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success and we're flying with great colors. And I am especially proud of my colleagues, who put in hours and hours of work to make this dream tangible. Without them this would still be an idea on a paper. We started off as 5 and have now become 200 but are closer than ever and often meet for an occasional dinner and fly our helicopters around. It's an unforgettable experience.

Radio Sports For Die-Hard Hobbyists

Radio sport is a term that can be used as only a single word or two different words. It is used to refer to the "ham" or the radio equipment used by amateurs for playing radio controlled games. These games could be group or single person events. It can also involve external competitors in a real time race or a performance of some sort over a period of time.

These contest, usually sponsored events, last from as less as a few hours to a few days. World wide being two days long. It can be local or it may even involve traveling some distances. It can range from contests that last only for a few hours to contests held cumulatively for many weekends. Each event has its own set of rules including which regions or stations can participate and more.

This is popularly known as radio sports. A few contests are listed.

Dx-Contest:

This involves stations making contact in a two manner with as many other stations as possible covering the longest distance they can. Today, this is popularly known as the International DX contest. People are given awards for the following. The 'Worked All States Award'- given if the entrants contact at least one person from every state present in the USA. Similarly the "Worked All Continents Award" is given away if someone from all the continents are contacted. The "Worked All Zones Award" follows the same logic for different time zones. The other awards are DX Century Club award, and VHF/UHF century club award.

One other event is Amateur Radio Direction Finding with the help of radios. It involves finding a definite number of transmitters from a definite location in a map, all before arriving at the finish line. This requires good athletic ability as well as direction finding skills with radios.

Bunny hunting or Fox Oaring: This, though similar to the aforementioned contest, involves ham's short range equipment and hence more direction finding skill of the contestant as compared to athletic ability. There is larger technicality in this contest. As the radio can only detect signals within a 100 m radius, the contestant must identify the hidden transmitter in an area or radius 200 meters.

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Radio Orienting contest: this is a severely restricted game played in compact areas. Very large technical skill is required to play this game.

Another form of bunny hunting utilizes vehicular transportation over long distances. The hams travel in the vehicles to the required region and locate the transmitter. Whoever can find the transmitter and reach the end line first is the winner. In another, the person who finds a specific number of hidden transmitters from different places first, wins. For this, traveling skill, equipment efficiency and orientation skill should be good.

These events are referred to as ARDF contest, abbreviation for Amateur Radio Direction Finding Contests. Radio sports and contests are only one side of the hobby. It is not necessary to enter contests. However many people get obsessed with this and start collecting dozens of winning certificates. At the other end of the curve are people who use the ham for their own communication and satisfaction.

One significant thing that can't go without mention is that hams often contact space stations. There are many astronauts who become licensed radio operators and utilize the radio for educational and emergency purposes.

Once spanning just a small region within a given radius, the ham has now penetrated even space. Initially only based on Morse code, this has evolved into variations including digital transmission, voice etc. Radio transmission has indeed changed a lot in the recent years.

The Hobby: RC Cars

Races are long and you feel you aren't competitive enough? Do you have the faintest idea about RC cars or RC racing? Maybe you do, because RC racing is becoming a sought-after hobby and is becoming popular around the world.

RC racing is proved to be very addictive and can get your interest at the drop of a hat, just like a cigar. You tend to enjoy the fag and enjoy that pleasure when you smoke. Such is the feeling of RC racing as well. You will start craving for more adventure as the feeling of joysticks in your hand gives it a sensational feeling.

Two types of RC cars are available in market these days- gasoline powered and the electric RC cars. The electric powered cars are easy to maintain and run. They also can be made quieter if needed. It's a mere plugging of batteries to run these RC cars. If these parts are assembled precisely, all you have got to do, then, is just turn and relish the racing. This is precisely why RC cars are better for the amateurs.

However, RC cars which run on gas seem to deliver better performance. These cars are faster than the electric ones. They function better as well but the only drawback is its complexity of these cars. They need to be maintained well and this requires hard work. Nevertheless, they are extremely exciting.

Usually, the RC cars which run on gas are preferred by veteran and experienced drivers as they know exactly how to handle these fast cars. These cars are very powerful and hence needs professional handling. The engines of these cars are heart-thumping. The main advantage of these RC cars is the fact that you don't need to wait for batteries to recharge. You can just refill the fuel and get yourself on track again. These cars are quite expensive compared to electric RC cars.

Both the gas operated RC cars and the electric RC cars have their own advantages and disadvantages. The one which appeals to you will matter at the end of the day. But you should ensure that you don't waste much money on these cars. To purchase and maintain a RC car

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running on gas is a costly affair and isn't easy. Make sure you don't drain your bank account on a purchase of an RC car.

You will know, if you have visited an RC car shop, that a RC hobby is more expensive than a toy RC. The difference in the prices of these two is more than just hundred dollars. This is quite a sum!

On purchasing a single RC car from a hobby store will sometimes make you feel bankrupt. This is mainly because most of the hobby stores are of a professional grade. They sell only high-quality stuff which sometimes won't be affordable. The hobby cars they sell are designed just like real cars, boats, trucks or even airplanes.

A few of the RC cars, belonging to the hobby-grade, are unassembled. A few others are partially assembled car kits. However, if you aren't well educated on these things and if you have the fear of buying these cars, it's safer to not get one. It is always better to opt for an assembled RC car any day. You can buy them in RC car shops. Also remember it is always advisable to allow the experts do the assembly than trying out by you. It is safer to not gamble on a precious and quality RC car.

What RC Car Accessory You Should Get For A Well-Maintained Car

Today, the latest hobby on the road is Remote controlled cars and trucks that give you the experience of the road, race and tracks but without the traffic cops, speed limits and red lights. If you are the one driving the Remote controlled car or truck then you decide how fast you want to go.

There are a range of options you could choose from. Just as in the real world of automotive cars, the world of radio controlled cars also offers a range variety of new and futuristic concept cars, off road and on road cars, monster trucks, entry level buggy, nitro powered cars and mini cars.

The endless options are open to everyone and all sorts of people of all ages can operate RC trucks and cars. The choice rests entirely on your hands and on your preferences. And if you need any information, you can always depend on fellow enthusiasts to share their knowledge and expertise on the subject.

RC vehicles need the same amount of maintenance and upkeep as the real world vehicles and for the same reason too- to ensure that the vehicle remains in top condition and does not experience any failures.

Maintenance includes everything from powdering either through nitromethane based fuel or electricity, to replacing accessories and parts. You will have to have a stock of specific standard RC equipment required for maintenance.

Additionally, there is an assortment of accessories that you can purchase for your remote controlled car. Remote controlled car accessories will help you if you want your car to be aggressive and aesthetically pleasing or if you want to higher your level of road experience.

Here follows a list of common RC accessories that you should not forget to include in your RC car:

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1. **Starter boxes:**

When a new vehicle is started, the engine needs to break in which could be a difficult process initially. With a starter box, this process is made simpler by eliminating the requirement to perform a pull start. It provides the boost required by the engine to break in and the car gets going in hardly any time.

2. **Fuel:**

Without fuel of course, the possibility of you going anywhere with the car is zero. The owner's manual will recommend a specially formulated fuel kind for you, which varies from car to car. And if you're doing the refueling job yourself, you will probably require a fuel filler bottle. You can choose from number of sizes, with angled, long tips that prevent spills. Additionally, rags and a fuel cleaner will prove handy in case of spills and drips.

3. **Glow plugs:**

Keep spare glow plugs in case your glow plug fails and spoils the fun. They can be easily changed along the course. The best idea would be to stash your box with a small kit which includes glow plug igniter, spare glow plugs, a charger and a glow plug wrench.

4. **RC tools:**

RC tools are specialized tools that keep the vehicle going. A magnetic balancer, temperature gauge, gear puller, glow plug wrench and tool pouch are standard tools included in an RC tool kit.

5. **Air Filter Oil:**

It is mandatory to replace the air filter at regular intervals. It is convenient if you carry a special air filter oil along with you which can improve the air filters function and increase the engines life.

The Advantages Of RC Car Forums

The World Wide Web (www) is popular mostly owing to the fact that people can join discussions and seek information on any topic that they might wish to. These are known as public message centers. These forums provide a wide range of information on any topic that people might want to discuss, make inquiries or give information on. In this case, let us look into a typical remote controlled car forum.

You can find all the information you need on your favorite model to your hearts satisfaction, as there are indefinite sites that will give you exactly what you want. At any given point of time, there will be innumerable topics you can participate in, give suggestions on or just post your own articles about, and share them with the world.

The best thing about a forum is the convenience and the terrific support extended by the RC car lovers' community. There is also facility to trade items of your choice online. Considering the number of people who will be viewing what you post, you will probably get instantaneous response in as much as minutes. There are messaging facilities on the forum system, so that you can get the information that you seek instantaneously.

There are broadly two categories of RC cars- hobby and toy grade. While toy grades are almost entirely powered by electricity, hobby grades use either electricity or fuel. Information on both the grades can be found in the forums where you can pose questions that will be answered by the masses. Very often there are clashes of opinions on the forums, which results in pages and pages of useful information and insights.

Let us review the most used discussions or topic headers in a typical remote controlled cars forum. There is a polling station where you can vote on everything related to RC cars. Other popular discussions are on electric types, off and on-road types and nitro boosted vehicles. There are also options to post paint detailing of a vehicle. The threads have support for mini cars, micro cars and monster trucks.

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A very good reason for visiting a forum is to update yourself on the ongoing projects undertaken by people that can encourage you to perhaps make or upgrade your own kit. You can also compare records and check up on stat details and stories behind them.

There will also be a section dedicated to the tuning of your chosen model. Forums provide extensive help, as they are a culmination of the best in that particular topic. There are also posts that monitor and compare the stats of every vehicle for reference.

Whichever your RC forum may be, in all likelihood there will be plenty of help as well as information available and a number of friends you could make in the bargain. This virtual niche has a vast amount of information and it wouldn't hurt to add some of your own to it. So go ahead, post your opinions and share your ideas with world and community of enthusiasts. A wonderful sense of community and belonging springs when people share common ideas, views and interests and one is always benefited when one pursues ones hobby with the support and enthusiasm of others.

The Basics Behind Flying A Remote Controlled Aircraft

When you want to create something like a radio controlled plane, it can get downright expensive. Not only do you factor in the costs of the plane, along with the motor and radio equipment, but you must factor in fuel costs or electricity costs (the electricity charges the battery.)

After spending a great deal of change, just imagine how it will feel when you see that plane go down, crash and burst into flames. It is also likely that all the components will need to be bought again because your crashed plane components will be too smashed to you use once again. Have you ever seen a grown man cried after taking the time to build something like that? It is liable to happen when all that time and all that money has just crashed and is unusable again.

If you wish to fly your remote controlled plane into the air, you should be aware of the weather. First off, you do not want to do flying in windy weather. So flying on clear blue skies and a day that as minimal wind is best.

Also find a good place take off from... sidewalks, driveways and even roads are wonderful places to do this from. A driveway will work but only if you have as long enough of one. If not, this is not advisable. You can also do an open field because you do not want a lot of people, trees or even houses in your fly path.

Should you be an experienced flyer you already know to check and recheck your equipment. Make the planes landing gear is working properly and that it is secure. You want it to save the initial impact from landing. Check your fuel supply, batteries between each connection and the engine. Now, the radio gear will need to be tested to be sure each thing is being relayed to the plane right and properly. You will need a friend to help you with this.

Before you fly off into the sunset with your plane, make absolute certain that your runway is clear and there is enough room for the speed and take off. If you are lucky, your plane with take off gently and smoothly. Since all radio controlled planes are different, it is recommended that you read about how to take off and fly the plane in the manual. This should have come with your equipment.

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Your plane, once back on the ground, should be rechecked for any damage. If the flight went well, there really is no cause for alarm but this is good practice anyways. Carefully check all the parts. Why should you do this? It can save time and trouble on down the line.

One last thing: Check with your local officials and authorities for their rules and regulations. It is necessary in case certain places are band while other areas are not. You don't want to get in trouble your first time out.

By going by a few simple rules and guidelines and you should be flying high while you are enjoying a rewarding hobby.

The Best Place To Find Remote Control Helicopters

Are you into remote control helicopters? Is it a hobby for to collect them? So what and where is the best store to go to find these remote control helicopters?

The first place to go is an electronic store such as Radio Shack, Best Buy or Circuit City. At these stores, you can find a remote control helicopter for a fair price. The model you get is quite possibly a durable model.

Instead of visiting the site in person, you can use the online website of the store you prefer to use and see what models they have on sale. In fact, you can see the three mentioned websites and comparison shop; see what kind of deal you get.

It is more than probable that you will not be checking out the helicopter in the store so reading about them online can be even better. You can then order them online through the actual company. You may pay a little more in shipping but it well worth it. As soon as you get your package, then you can use it to your heart's content and see how it does.

If you need be, save the box in case you need to return it to the company because the durability was not like it should have been. Always make certain to get a warranty because chances are you'll need to return it to the manufacturer and get another one in exchange. This does cost extra but it saves you a lot of grief later on.

A plane with welded sides or a plastic sheath is good because then you will not have to be concerned with the constant worry over cracking or rusting. Just make sure before you buy a helicopter that you purchase the helicopter from a company whose reputation is high in positive marks.

Why is this? Because you do not want to return it so soon after receiving it. Should you need to return the model, the company will not hassle you over it.

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If you really want the helicopter and you want a good deal, then Radio Shack is the better offer of them all. However, you can look at the Discovery Store and even the Brookstone. These stores have helicopters models that are designed to impress people.

Before you spend a lot of money and a lot of time, think about the intentions you have before purchasing a helicopter that is not what you really want.

Do you want a helicopter model that looks good up in the sky or do you want one that will not break if it ends up falling to the ground? You have to consider these things before you buy it because you may end up trading one thing for the other.

Getting a remote control helicopter that withstands the laws of nature and physics works out best. Just because you chose your helicopter on how it looks doesn't mean it will stand up to crashes. Should you purchase it because it is a gorgeous helicopter and it comes crashing down, that helicopter will no doubt be ugly afterwards.

Whatever you decide, a remote control helicopter is enjoyable fun on a sunny weekend. Just do some research and find a helicopter that will suit your needs. You can really get some enjoyment from it. Should one you get turn out to be of poor workmanship, then getting one that is more durable to needed.

Building A Radio Controlled Car Without Breaking Your Wallet

All around the world, many people who have remote controlled hobbies are very zealous about the creating and the racing of these cars.

You may be astonished to learn how much money these enthusiasts spend building their remote controlled car. Some of them can rack up into the hundreds and hundreds of dollars buying high end equipment that will design an extremely insane fast and rather good-looking car.

Should you be interested in radio-controlled hobbies, then you should know now that you will be spending some money. There are some very expensive parts. For your very first car, you do not need to purchase expensive parts. How do you go about saving money on a hobby you love so much?

Never Buy Inexpensive Parts -

First of all, never buy supplies that are cheap just because that is what they are. Should this be your first remote controlled car, you are just beginning so get an accurate assessment for the hobby. Top quality parts do make a great car but remember, you are just beginning.

You may see the remote controlled technology hobby may not be your kind of gig, leaving you burnt out only after a number of hours of trying it and putting the model together. Should this be what happens, it was probably a great idea you did not spend a whole bunch of money.

Using Cheap Materials

However, hobbyists who really enjoy developing and building their own remote controlled cars. They are the ones who will begin spending lots of money and invest more time to get their second and third cars up to speed only after they realize that they have the experience to do it right.

So for those who are beginning one of your initial ways to be inaugurated into radio-controlled hobbies is to buy a kit with the radio components and the motors. This typically costs anywhere

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from \$20 to \$30 at a local crafts store. It is essential that you buy the kit before putting the car together so you will know exactly what dimensions you are going to need.

For the car itself, this can be made out of a variety of items. One such item is wood and glue (this part will take lots of time so be sure to set aside some time to work on it.) You can get cheap wood by going to the local hobby store or even a lumber store. Look for a lightweight wood that can be used in making the car. Then make you sure you have some sort of strong glue such as superglue or epoxy that will hold it together.

If you prefer the car to already be made, than a do it for yourself kit is not needed. There are kits made with the car model inside. This model car will no doubt look better than anything you can have thrown together and look professionally done. Those costs of these kits are relatively cheap.

The drawback to these kits is you won't be getting a say so on how the car looks since they are pre-designed. Creating and building them from scratch has this distinct advantage.

The decision is yours - to design and create model cars yourself or have a model car already created. It's likely your pre-kitted car won't be much to look at and has very little power but that's not important. The only thing this car has given you that is important is experience. By starting with the easy car first, you can be ahead of the game when you stat your custom car.

How To Use Gas Or Nitro Powered Helicopters Cautiously

It is imperative when looking at the difference between gas and nitro powered remote control helicopters that you really check them out before committing to one kind.

It must be said that gas powered helicopters are more labor intensive; yet they are rewarding. Both types of helicopters can really showcase their agility levels as well as their flying capabilities - higher and fastest.

With you use gas powered or nitro powered remote control helicopters, fun is bound to be had. Fuel replacement is necessary when they run out. When you set up the helicopters for their flight, be careful to avoid starting a fire, so you can enjoy all your helicopter has to offer.

There was once a helicopter shopper who had a gas or nitro powered remote control purchase in their hands. They had decided that using either one of these was much more fun than using an electric helicopter. Why was this? They found that the remote control did not respond near as well.

It is not known if this customer just felt the way they did about electric helicopters because they found gas or nitro powered remote controls responded better due to this one particular failure or if there was a universal issue with all electric remote controls.

However, when fliers come together and talk about which remote controlled helicopters do better, respond better and get a height range better, most say the gas or nitro powered remote control helicopter do better. Why is this? Even though these gas and nitro powered helicopters are more work than others, their flying abilities remain unparalleled to others.

Suppose you are aiming to get into the Guinness Book of World Records for making your helicopter fly backwards further than anyone else who in the world. It has been said that the gas helicopters last much longer than the battery charge in the electric run helicopters. The fuel in the gas and nitro powered helicopters will last longer than the battery of an electric remote controlled helicopter.

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Even though the gas and nitro powered remote controlled helicopters work much better than the others, you pay for what you get. Not only are they expensive in their costs, it costs to fill it back up whenever the gas runs out. Don't forget you will also have to clean the apparatus of the helicopters.

However, the rewards of being challenged are worth the money you will be shelling out in the long run. Be sure that where you buy your gas powered or nitro powered helicopter that you're buying from a reputable independent or commercial dealer.

If you are looking into buying a helicopter, research the prices in your area and the surrounding areas so you know for sure that you are getting the best deal available for the money you put down.

Sometimes, it can be annoying not to mention frustrating buying your first gas or nitro powered remote control helicopter and paying more than your neighbor who has a similar product but bought it at a much cheaper price and are happier because they actually had money left over.

The choice is really left up to you... but between electric and gas powered helicopters, hands down helicopters operated on gas seem to work much better.

A Grandpa's Story Leads To Purchase Of Dragonfly Remote Controlled Helicopter

Below is a story about a grown man and the inspiration the grandfather had that instilled him to buy a kind of remote control helicopter. It is told in a first person voice.

Once, my grandfather told me a story that encouraged me to buy a dragonfly t487 remote control helicopter.

When he was a little boy, my grandfather live in rural Pennsylvania where his nearest nearby was about six miles away. With this kind of distance, no doubt there weren't many kids to hang out with. He said the way he killed the afternoons, he'd catch the dragonflies out by the little swamp near the back of his house. One summer, a cousin of his came to visit from New Jersey.

This cousin was from a suburb of New York City and not accustomed to doing the things that my grandfather was. However, my grandfather wanted to show him how he passed the time and took him down to that pond. Needless to say, when he saw the dragonfly my grandfather was trying to grab for, he yelled loudly, ran back to the house to stay inside and did not come out the entire rest of summer. His cousin was more into matchbox cars at the time. When he got older, my grandfather joined the armed forces and was one of the first United States soldiers to fly a helicopter during any combat.

Due to the funny summer cousin story involving the dragon fly (I have heard it many times over the course of my lifetime.) and the career path he had chosen, defending our country in the U.S. Air Force, when I discovered the dragonfly tt487 remote control helicopter, I purchased it as tribute to my grandfather (Around four years ago, he passed away from prostate cancer. He was 75 years old,) and because this helicopter is a great flying device.

However, my son never got to know his great-grandfather so whenever I get the chance, I take the prospect to let him know how great a man my grandfather was. Even more so, when we are flying the dragonfly tt487 remote control helicopter in the large meadow behind our home.

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My son loves to remind me that I often tell him the dragonfly story. He makes fun of me like I did to my grandfather for repeating the same silly story. So far, I have told him this story about ten times, unlike the 15 to 20 I heard growing up. However, I hope this shows my son and makes him realize the significance of family and how the ancestors were. How we should be thanking them for all the blessings and the good fortune we have in our lives today.

I pray all the time that the story of his great-grandfather will get passed on to his son or daughter when he grows up and have his own family. Maybe they will be flying their own dragonfly remote control helicopters.

Of course, this assumes if I do not get to tell the story first about the man who I admired most and who shaped my life to give me the strength and courage to succeed in all my endeavors every single day.

Great Information About Remote Control Gas Helicopters

You may have heard or maybe you know from experience that the best helicopters are the ones that have had a lot of time put into it. I am one of these people look at flying gas helicopters as more than a hobby.

For example... remote control gas helicopters require continuous awareness and care to every detail whether it is a cleaning, preparation to flying, the actual flight and taking it down and the storage cleaning. It is often times that people will purchase these helicopters again.

While it may seem odd in our culture because to us anything that is best is when you put less work into it and get more in return from the investment. Understand though that if you consider helicopter flying a business venture or hobby, you are missing out. It really is just a way of life. Many have purchased cheap helicopters based on this theory and often times they will not clean it as it should be after a flight.

This infuriates and frustrate people who take the time to clean off and out their helicopters right and to have pride and joy in them only to share the space with others who really do care less and clog up the airspace with the inadequate and poorly flown remote controlled gas helicopters.

With that being said, some people have expressed genuine interest in learning more about my helicopters. If this is the case, I am more than happy to show them; often times I end up explaining why I spend more time on one helicopter over another.

The way I feel, remote control gas helicopters, really any helicopter, is a wonderful investment and one that may be considered a cherished heirloom as years go by. When it boils down right to it, gas operated remote controlled helicopters will be the archetypal helicopter of all times and will always be thought of first when the talk of helicopters occurs. Children will be amazed how graceful a gas helicopter can fly as long as it is paired with a excellent pilot who knows about them.

Remote Control Cars Inside Out

One thing I look forward to most of all is sharing my collection of helicopters with my children because I feel that if I pass them down and express my love for them, my children could have instinctive sense and passion for these helicopters that are wonderful and enigmatic.

I believe helicopters are one of the amazing manmade items in this world today because they can mimic nature. Anyone interested in starting a collection of some sort should really think about beginning a helicopter collection. Why is this? Because these soon-to-be fans can spotlight their attention on model helicopters that do not fly and usually bought for decorations. If they really want to go all out, they can buy a remote control gas helicopter, which is cost more money but sure to be enjoyed for a lifetime.

No doubt, the decision to purchase one or not, is left entirely up to you. However, helicopters can bring joy and excitement to all those buy them. You could become more like me... a fanatic and professional flyer who has always loved helicopters and will have a special place for them in my heart.

What You Need To Get Started With Cheap Nitro RC Cars

If you thought about getting a nitro RC car for yourself or someone you know, then choosing the perfect nitro RC car can be quite a dilemma. Yet, you can forget those worries and turn them into something pleasurable and thrilling after all.

To get it all started, get to know the basics behind a nitro based RC car. First off, they are fueled by nitro gas. Nitro RC cars are the fastest and most popular segment in RC car hobbies today. In the RC car world, the smaller the car, the more pricey it is.

On Road and Off Road Nitro Cars

There are two kinds of nitro RC cars: off-road and on-road.

On-Road cars are designed to be raced on paved streets or even race tracks. These can be raced where ever there is a smooth, prepared surface.

Off-Road cars can tackle the rough, bumpy and hard terrains. At their high speeds, they are able to jump and come back down again without staggering. Based upon this vehicle's power, speed, durability and performance, it is no wonder its appeal is contagious.

Some RC cars are motorized by electricity, others by gasoline. However, Nitro RC cars are gasoline powered. One version of the Nitro RC cars is called awesome nitro buggies. What are these exactly? Well, these "buggies" offer a thrilling race because they mix speed, acceleration, handling and durability. These four mixtures do construct an RC car that is money well spent.

After you narrow down which type of Nitro RC car you want to own, now it is time to think about which you would prefer: Choosing the ready to run kit or building the car up yourself.

Ready to Run Kit

This kit is the put together adaptation of the RC car. It will have everything it takes to make the RC car run where you all you need to do is strike the button that allows it to start and get it

going. Then, you are on your way to a new racing career adventure that is sure to be tons of fun.

Build it Yourself Kit

This kit is unassembled and even though some kits have all the parts in it, much do not. There will be times you will need to buy extra equipment. This may include but is certainly not limited to: buying a radio, a nitro engine, a motor and any other technical equipment needed for the car.

If you're just beginning, it's always best to stick with the made kit until you are fully accustomed to the RC car assembly. However, if you are an expert in putting together RC cars but have never done racing before, then you can do the building it yourself kit.

When you start searching for places to buy from, find one that is in excellent standing or is reputable. You can always find a place for asking the RC car enthusiast who they would recommend.

Sometimes searching online can give a person a wide range of options and possibly even some discounts and sales that the online RC companies are offering exclusively for online customers. If you take in all the information and place them together, you can walk away with a good deal on a Nitro RC car.

Things you need for you car: radio, receiver, nitro engine, two servos and a way to start that engine. You will also need the nitro fuel to get the car running.

After all this is done, then it's time for you to enjoy the adrenaline that is going to overtake you.

Activities For Radio Hobbyists

For those of the ham or amateur radio era, it would be exciting for you to know that ham radio is still an activity considered a hobby. What does this hobby do? Well, like the instant messengers of today's technology Internet, this device is a way of having communications with those who live in distant regions and from other cultures.

It is usually a custom for the two way communicators to identify their position and station and also their zone, region and place. Should the contact be made for a contest to do as many communication touchups with ham or stations radio operators then this information needs to be shared.

DX-ing and DX-peditions:

A radio operator's goal, whether they are an amateur or not, is to get into contact with as many stations as humanly possible throughout the entire world.

What does DX stand for? It is short for Distant Stations. The second half meaning DX-ing is followed by QSO which means conversation.

DX-peditions are diverse in that the searching expeditions are intended exclusively for the intention to make contacts. This is especially true for those rare, hard to find and special unrepresentative regions.

Currently, there are radio frequency scanners that are great tools for just his use. It will scan repeatedly to find a sting signal.

QSL cards:

What is a Q code? It is a standard compilation of three letter message indoctrinations that all begin with the letter "Q". It was first designed for the commercial sector of radiotelegraph communications. Later, it was incorporated to other radio sectors including amateur ones. The "Q" codes are not necessary in today's transmission age but are used as form of tradition.

Remote Control Cars Inside Out

The QSL card, in part with the DX-ing and DX-peditions, is shared. This code means to acknowledge the receipt. It was customary that those who did the initial contact send QSL cards to confirm their contact as well as their conversations. These QSL cards are good for those in a contest to get into contact with a certain amount of stations in the specified amount of time. Not only that, the cards are distinguished because they are efficient for amateur radio operators.

Contacting remote regions:

For some countries, there are less radio operators and when these are contacted, they are rather special. Many times when a ham radio operator gets into contact with this region, other ham operators seek communications with these operators. When these places are contacted during special times, they have a place for its award program.

Hamfests:

This is when events are centered on those in the ham family and their friends. This event is designed to sell and exchange ham radios and meet real life ham friends. This event is usually done over the period of a few days.

Ham Radio Discussion Groups

Like the Internet Chat rooms of today, many ham radio operators offer discussion groups based upon similar interests besides the ham radio. They eventually form networks to help each other out should it be necessary. They can also form a discussion group based on their interests of the ham radio.

Should a radio hobbyist decide to get involved with the many activities that are involved, they are sure to never be bored. So if this is something you would consider fun and entertaining, then see how you can go about getting started.

Radio Controlled Cars: Deciding Which Engine Fits You Best

Are you the type of person who loves to build radio controlled devices? Should you be building one now, you are probably faced with all kinds of choices every bit of the way.

You are going to have to decide on how you will build the model, how to get the radio transmitter in it and how exactly you wish to paint it. You will also be deciding on the type of power your car will have.

For power, there are several choices and no one stands out better than all the rest. It all boils down to your preference. Each power method has good and bad traits that will inevitably affect what you go with. Your decision ultimately rests on what you want to do with the car.

There are three ways to power a radio-controlled car:

Battery Pack

This is the most usual way for a remote controlled car to run its motors. Many of these are seen in beginner cars and if done correctly, they can be effective. The best thing about or rather its strong point is that the car is very light. Cars that use electric are typically light.

Remember though...everything has a bad side too. Electric cars bad side is that it is the slowest of all cars. If you are going to race, do you want a car you can handle or do you want a car that will be a speed demon?

This brings the next choice of car powers up. It has more speed to it than its electric counterpart.

Gas Power

These cars are without a doubt common when looking at hobby grade cars. While electric cars are lighter, gas powered equipment that will be handling all the gas and combustion will weight much more. This makes the car a little less supple on handling.

Again, what it lacks in weight, it more than makes up for in speed. Also, though not seen as a positive or negative aspect, cars that run on gas are much louder but it tends to attract more people who love noisy small machines.

Kits for gas powered machines are pretty easy to find. Should want one in your car, then the best place to look in an online specialty shop or the local hobby store.

Nitro Gas

Remote controlled cars running on Nitro Gasoline are becoming much more popular than its other counterparts and is becoming the fastest growing of remote controlled cars.

Nitro cars come in various forms:

* You can build trucks that are durable, which take jumps at higher speeds and can do an off road course.

* If you want high speeds, build a race car that was meant or speed on pavement, tracks and other smooth surfaces.

Like gas powered machines, nitro gas requires the motor equipment to be heavy. To some people this can be a bit awkward. Yet, this is perfect should you want to switch your electric motor during a race.

Build Your Car

Should you build the car the right way and do not attach the engine to it in a permanent fashion, then you can make a switch whenever you feel it is appropriate. No doubt, the remote controlled fanatic will collect many issues over just a few years. They will be the ones deciding which engine is best to what situation.

Remote Control Cars Inside Out

Always consider the good and bad aspects of each engine and compare them with the goals of your remote controlled car project. Determine how much speed you want to have, compared to the agility and its turning speed.

Radio Controlled Hobbies: A Technological History

Remote control technology hasn't changed too much...you push the level on the control and the plane turns to the left. It seems as if the whole thing is magic. It does seem like that radio control is a magical invention of the current era. Yet, it has a very long and interesting history.

Research shows that the origin of the word radio suggests it was from the prefix radio that seemed cornered with radiations. It seems that this word was born before Hertz's discovery of electromagnetic radiations.

What was once radio-telephony and radio-telegraphy eventually just got called radio. Dee Forest was one of the initial people to modernize the term. Who is Dee Forest? Forest was an American pioneer in the wireless transmission field.

In 1893, Tesla showed what wireless telegraphy was like, eight years after Hertz discovered electromagnetic waves. Jagdish Chandra Bose exploited electromagnetic waves to set off gun powder. Due to this, the dawn of wireless/radio communications and all the applications of science occurred. The year was 1894.

However, in 1896, wireless signals were being transmitted up to 30 miles in distance. Tesla patented the first four tuned circuit wireless system. It was seen as the original equipment in wireless transmission. Marconi used this technology and spanned the English Channel with Tesla's circuit system.

With the new century dawning, it was also the beginning of other things regarding the technology. However, Marconi was able to perform the first-ever trans-Atlantic radio signal on Dec. 12, 1901. J.C. Bose patented crystal sets which were used to detect and receive radio signals.

It has been argued and disputed numerous times who exactly came up with the idea of wireless transmission. Was it Tesla or Marconi? It would seem that, despite financial troubles that he suffered, Tesla was the original pioneer. It seemed that one more also played a part...but Popov was said to be a pioneer.

Remote Control Cars Inside Out

This is not really that important. However, the truth is that wireless transmission lines were the best and finest inventions the science history. Between 1900-1909, many experimenters and entrepreneurs were working with wireless radio. However, it was close to the end of this first decade that hobby interests began spark. Radio signals were once noisy and inefficient. This changed with the alternator-transmitter and arc-transmitter came along.

Radio transmissions and receivers were revolutionized by the vacuum-tude diodes and triodes inventions. With the triode amplifier generators, audio was made possible. It then started the era of audio radio. Oddly enough, vacuum tubes were vital parts until the introduction of the transistor. It made the equipment much more concise, precise and mobile.

Another advancement in radio controlled hobbies came when AT&T used vacuum tubes to broadcast voice over the phone lines which lead to experiments with long distance speeches. Commercialization was thought about from the very beginning but there was no way to curb transmissions to paid users. Broadcasting continued to remain commercial free.

AT&T then incorporated advertising to finance their programming. To this day, it is still being used.

However, there are always improvements in the field of radio broadcasting. The latest being Internet radio. While radio is never going to go out of date, it will forever be taking on new formats.

It doesn't matter who did want in the beginning, only that what they did created what people see today. From the first lines of transmissions to Internet radio, the invention has come along way.

6 Channel Remote Control Helicopters: Does It Get Any Better?

Have you ever heard of 6 channel remote control helicopters? If so, have you ever used one? It seems these are becoming quite a new pastime. They can be purchased at a local helicopter store or even an electronics store. These powerful helicopters may also be found at trade stores which can be used indoors and out.

These things are very flexible and any flyer will say these 6 channel remote control helicopters are most impressive in the helicopter technology.

What does the 6 channel do? It allows you to control the multiple parts in the copter's flight patterns. A person can make the helicopter fly side to side, up and down and forward and backward. Some models will tumble circles in the air.

It is not a surprise that these helicopters are much pricier and look more "lifelike" than those that fly straight. People know that helicopters are not flown by a remote but rather people. They also know there are many more buttons on a real helicopter but this one remote controlled helicopter has six channels. It is attempting to reach the actual number seen in a real one although that would be a feat. This helicopter is indeed impressive.

Even with controls over the various flight patterns, people can customize the blade types, the helicopter's body and have a custom paint job as well done to it.

However, the more you customized your helicopter, the more money you will have to shell out to get it done. Yet, it is a true pleasure to have an original, one of a kind 6 channel remote control helicopter. This is especially true of helicopter fanatics that love to design and create.

Sometimes the spirit of collection outweighs what one would actually pay for it.

As bad luck would have it, one man, who is a helicopter flyer enthusiast, recently had a bad incident with his 6 channel remote control helicopter. He had left his 6 channel helicopter out one day, alone and some young school-aged children found it. They took it to the park and carried on by having a very good time with it.

Remote Control Cars Inside Out

The catch of it... those kids are played with it so much but hadn't taken good care of it. It came back to its original owner in a much harsher condition than it was before it was stolen. The helicopter's owner figured all the bumps, dents, scratches were always there and he just never noticed them.

When he took the helicopter back to the manufacturer for the warranty, he learned the awful truth. Not only that but the guilty party ended up feeling guilty themselves and told the man what they had done. They apologized and paid him back.

However, this experience left him with a bitter taste for these helicopters although the truth of it is... it's not the helicopter's fault. Maybe he will come around because it really was just one bad occurrence that should not have happened.

These 6 channel remote controlled helicopters are one of the best and controllable helicopters being sold in the world today. No other model helicopter is catching up like a real helicopter.

All About RTF Remote Control Helicopters

Are you interested in buying a rtf remote control helicopter? If so, you probably did your homework about everything you need to know about these helicopters. However, if you are still interested but do not know if you should get one or not, then the following article may help you decide for sure.

For a friend who recently had an non-rtf remote control helicopter, she was unhappy with her purchase because the quality of her helicopter was not the same. When she flew her helicopter, it crashed and shattered into a thousand pieces the very next day after she bought it.

She was able to take back the pieces and get her cash back the next day. Yet, her whole experience was quite upsetting and one she is assured to remember when she goes to buy rtf remote control helicopters.

For myself, I have my own rtf remote control helicopter... blue with white stripes. The propeller is made of gold and red glitter so it will sparkle when I fly it. Personally, I am a fan of the flashy rtf remote control helicopters.

Should you be the type that does not mind the utilitarian versions then it will please you to know that there are many models out there that can be found in the colors black and white.

I think it would be neat to have two of these helicopters duel... have one in all black and another all white... until one crashes and breaks. However, it would better to buy them wholesale unless you were getting a deal. Why? Remember you are breaking one for good and the other may not work right after the fight. Still, it would be an interesting game to play just once... videotape it and upload it to a video site like YouTube.

RTF remote control helicopters are enjoyable purchase and like always people should comparison shop before committing to buy a certain kind of helicopter.

Remote Control Cars Inside Out

This is especially true of these helicopters. Some people buy them at one price in one area, another buys them at another store for a totally different price and they are the same exact models. Their prices differences are astronomical.

When two people shared their stories about what they paid for their helicopter, one person paid double the amount as the other for the same exact model helicopter. It was then I realized how important it was to compare prices and not to buy on impulse.

The irony of the whole thing, although it was a bit funny, was the woman who certainly paid more for her helicopter crashed it only a year after she purchased it. Though I felt awful for her, it was very ironic. Wasted money!

No matter the type of helicopter you wish to buy, it is important to find one that will last not like my friend who lost hers the very next day. My advice is this: get a rtf remote control helicopter because they are made universally durable. While you can pay widely different prices and at different places, you will still get the same type of quality.

Should you be rich, should you be poor or should you be living comfortably, try and make the educated purchase that will keep more money in your pocket.

A Variety Of Radio Controlled Hobbies

There are many hobbies around the world but none more fun than the radio controlled hobbies that many people seem to enjoy. What could be more exciting than taking a fully efficient miniature vehicle version of a real car and driving or flying it? All it takes is a basic familiarity for motors and the radio equipment for you to join in.

Remote Control Cars -

Many men remember when they were young boys getting a remote controlled car to play with. Due to this, it is not surprising that this simple yet exciting toy is still the most fun. However, many may argue that this is no longer true.

These cars are created so the user can steer, speed up and slow down as they need it. Nowadays, this can be done in a couple of ways.

Some cars are designed to be battery operated; others are equipped with a gasoline or nitro methane engine. Why would someone change their car? Many notice that battery powered cars have less speed than gas or nitro fitted. These cars can come in kits that are already pre-done, meaning there are no special parts that can be added. (This is a good idea for someone new at remote control cars.) People can also build their remote control car from scratch meaning they will take parts from anywhere to make and design their car.

Remote Control Boats -

While a remote control car is very popular to have, for enthusiasts having a boat can be fun too. It is pretty easy to convert toy boat and make it into one that can be controlled by remote. The only issue to this is the boat's electrical parts and engine need to be kept in a waterproof area.

How can a person keep the engine and electric parts from getting shorted out? It can be done by positioning the engine in the boat's hull with the propeller coming out from under the water into a water tight seal.

Remote Control Cars Inside Out

It would not be a bad thinking to acquire a kit with a pre-made boat. This can save time and money from trying to create your own, which could cause waterlogged or even ruined engines.

Remote Control Planes -

Remote control planes cause the most problems for people but more so for beginners. Why? Planes need accurate measurements and calculations to keep in the air.

It is easy to procure a kit to make a plane. In the kit there will be pieces that will need to be cut out and all you will have to do is bond them together. After that, you can add the radio and motor equipment. Should you be of the audacious type, you can purchase wood of lightweight origin and make a plane done from scratch using the wood and other plane parts.

Remote Control Helicopters -

Helicopters, like planes, are not the only thing that can be flown in the air. Like a plane, the costs is relatively the same. Although a helicopter is able to go backwards, forwards and hover mid-air unlike a plane.

With four different types of remote control vehicles to choose from, all that is stopping you from enjoying this technological hobby is you.

Facts About XMODS RC Cars

When a person is searching for a hobby, many young boys and men turn towards cars as their way to vent and spend time away from things that bother them: every day life. At current time, there are toy grade RC cars and hobby grade RC cars.

While toy RC cars are wonderful to be played and fooled around with, once they are perish, there is no way they can be played with again should they be damaged because there are no parts available for them to fixed with.

However, hobby grade RC cars can be fixed up using a kit that is sold at various hobby shops. Sometimes, people will do some experimentation with those kits and design their own work of art RC car. While this may take some time to do, people often want to "trick" out their car anyway.

For newbies, this is not so the case usually. Predesigned kits with the usual features will have to settle on these typically. Yet, this is changing with the inception of the XMODS RC cars.

What exactly are the XMODS RC? They are usually presented as a model that will give RC fans a genuine tuner experience. These cars can be customized and come that way.

With other RC car hobby kits, choices are narrow and inadequate. Why is this? This is done to ensure that the RC car company are able to monopolize their customer base. By knowing there are no other parts to the cars elsewhere, they are sure a clientele base.

Due to this company technique, many RC car enthusiasts are left with no other options and no freedom to make their car unique from others. It boils down that having a unique car is impossible because of the limited amount parts and choices the consumer has.

People will also question the product's quality. This is normal because most everyone knows that different companies have diverse in their areas of specialties. This is why the enthusiast does not stick to one RC car company.

Remote Control Cars Inside Out

The enthusiast wants to make the most ideal car but won't be able to do so from a limited amount of parts. They should be able to join many different parts from a preference they have.

Should they stick with one car company, this means they stick with the one good quality they have. While this one quality is good in some terms, it could be bad in other sectors.

XMODS RC Car Advantages

Due to the fact that many car companies are involved with making parts for the XMODS RC cars is a huge advantage of its competitors. What it means is that person will not be limited by parts and kits so they can create beyond and use their imagination to tune up and customize their car. This leads to the person designing a car that best describes their personality and themselves.

The way the XMODS RC cars look is another big advantage. These cars come in the greatest choices available in cars today. While it is true that this may be obtainable by other RC companies, the XMODS RC cars are designed specifically by the car makers themselves. What does this mean for you? It means that you actually get a beautiful and unique craftsmanship each time you purchase a XMODS RC car kit.

These cars are not all about the looks; they are designed to race. After they are created, owners can race them on homemade tracks or even enter in Radioshack sponsored tournaments. Whatever decision is made, you are assured a wonderful XMODS RC car experience.

Building The Fastest Radio Controlled Car

The term 'remote controlled cars' conjures up an image of a toy car meant for kids to play with. There is a big difference in the remote controlled cars for kids and those meant for adults. Remote controlled cars are more complex and are a miniature version of a normal car running on actual fuel like nitro or gasoline, or some of them may even run on large batteries. These cars require as much maintenance as a normal car, as they contain the same components apart from the radio transmitting gear.

There are various qualities of the components that are available for building a remote controlled car. Hobby stores provide simple components that can be used to build a simple car. However, if you want to build the most amazing or the fastest remote controlled car, you may need to spend some money on quality car components. While purchasing the components, you have to be particularly careful because the quality and type will ensure maximum performance of your car.

Nitro methane is an alternative fuel to gasoline and works well for remote controlled cars. It is a heavier fuel, providing huge speeds and suited to a straightforward race course. A nitro engine is a good choice for fast engine speeds. However, nitro engines have a disadvantage in that they wear down faster. Engine break downs are inevitable after intense usage and it is a good idea to have a standby electric engine that can be exchanged for the nitro engine when the need arises.

The other components of a car are also important for the performance of a remote controlled car, especially when you aim for absolute speed. You may be required to spend a large amount of money on wheels and axles. The wheels for a remote controlled car should be extremely light, yet firm. The best way to purchase remote controlled car parts is to visit a hobby store, test out the various components, and compare them with other brands. This will help you to select the best items based on your experience.

The idea of picking up the various components may not be very appealing to a person not technically inclined. Car kits that include all the various components makes the job easier for such persons and these parts are also quite easy to assemble. However, you will not be able to

Remote Control Cars Inside Out

achieve the high level of customization that you can get by assembling individual parts to build the RC car. Most of the times you can replace the individual parts if you so wish, in case you have assembled the car from a readily available kit, to give you more efficiency and speed.

It is advisable to ensure that all the various components that you select are of good quality and compatible with each other. A single part that does not perform well will affect the overall performance and speed of the remote controlled car. Select the best parts to get the best performance from your remote controlled car.

Radio Control Car Competitions

A remote control car enthusiast will spend many hours and hundreds of dollars to build a creation that he can be proud of. After all the hard work and effort, it is no fun to just keep the creation under wraps and not show it off. It would be a complete waste of time and money, according to some. Understandably, though, many radio control car enthusiasts plan to enter the RC cars they build, in various competitions. The popularity of the RC race car is increasing as there are many fans who are interested in it. There are clubs and associations dedicated to radio controlled car racing. A large number of competitions are being organized and there are various kinds of competitions. Here we look at some of the main types of competitions that are organized and the type of RC cars required for it. It may at times be possible to exchange some of the parts of the RC car to get a RC car suited for a particular type of competition.

- The first kind of competition is common enough; it is a race set up on a simple race track, like a NASCAR event. A paved road functions as a track and all cars are lined up in a row at the starting point. There may be sprint races or marathons needing a few dozen laps. In these types of races, the speed matters. No one is interested in the appearance of the RC car, so long as it beats the competition. There is a lot of technical detail involved in the creation of these RC cars. Gas powered cars that are lightweight, having high tech engines with firm wheels are best suited to these contests.

- The second kind of competition is also a race but is more fun. The race takes place on an off-road track. The off-road track will have rough terrain with hills and valleys and also many obstacles or ramps. Most of the entrants have remote controlled vehicles that look like trucks, because the cars take a real beating on the off-road tracks. The cars will have huge shock absorbers and some may even have wheels placed on both the sides just in case the RC car flips over when it hits any bump. Many innovative methods and advanced driving techniques are used to keep such RC cars in the game. This makes it an exciting sport for RC car enthusiasts.

- Lastly, there are the exhibition competitions consisting of short segments. Each segment shows a particular skill or feature of the radio controlled car like its agility, the speed or the handling. You may be asked to accelerate down a straight road to find out the maximum speed the car can attain. You might be asked to do slalom events by winding in and out of the cones.

Remote Control Cars Inside Out

Each competition may have different types of segments but along similar lines as explained earlier.

Any activity involving radio controlled cars is likely to be great fun for the participants. It may not be winning or losing the game but a time to bond with and get to know other remote control car enthusiasts.

Some Facts About Electric RC Cars

Electric Radio controlled cars are among the most popular variety of RC cars in use nowadays. Most beginners also use electric RC cars for their first RC car kit. Operating an electric RC car is quite simple enough even for children. Thus, it is an ideal option for a beginner RC car enthusiast.

The many advantages of electric remote controlled cars make them the most appealing to everyone. These were initially manufactured as toys and went on to be accepted as adult hobby items. The following are some of the advantages of electric remote controlled cars:

- 1. Easy to use:** As mentioned earlier, electric RC cars are simple to operate. Therefore, many parents buy these cars for their children as toys they can play with. There are no complicated procedures to ensure correct operation. The operation of Nitro RC cars is quite complicated. However, in case of Electric RC cars, all you need to do is install the batteries and your car is ready to go. This is very advantageous to the beginners as they are purchasing the very first car kit. Even if very few beginners go on to become serious hobbyists, the electric RC car introduces them to a world of fun racing RC cars.
- 2. Cheap:** The reason for the popularity of electric remote controlled cars is that they are cheap to procure. They are generally toys that are pre-assembled or can be purchased as kits. They cost much less than Nitro RC cars. Economically speaking, these cars provide an affordable option to gas –powered cars. Contrary to the common belief, gas powered cars do not run on gasoline. Fuel in nitro RC cars is a mixture of nitro methane and castor oil, so it needs to be bought at specialty shops. In case of electric RC cars, the only requirement of fuel is in the form of batteries. Apart from charging the batteries, there is no additional expense on fuel purchase.
- 3. Indoor Use:** Another advantage of the electric RC car is that it can be safely used indoors. The unfavorable outdoor conditions do not matter to a RC car hobbyist, if he owns an electric RC car. There are two factors that differentiate between Electric remote control cars and Nitro RC cars and these are:

Remote Control Cars Inside Out

4. Noise: The electric RC cars are ideal for use indoors as they run silently and do not make much noise. Nitro engines on the other hand use combustion and can be very noisy, therefore cannot be used indoors. If run indoors, the sound will reverberate off the walls in the enclosed space.

5. Smoke: Electricity is a clean energy. Hence, there are no unwanted by-products of running the electric RC car. Nevertheless, due to limited charge these cannot be used for a long time and frequently need recharging. Comparatively, nitro engines run for a longer period of time.

Finding The Best Components To Build An Amazing Radio Controlled Vehicle

Building radio controlled or remote control vehicles is a popular hobby that many persons indulge in. There are two methods of building a radio controlled car, boat, helicopter or airplane. One way is to purchase a kit that consists of all the parts of the vehicle. Assembling the various parts involves putting them together and gluing them into place. Beginners can use these kits to indulge in their hobbies. After successfully building a radio controlled vehicle from the kit, a person may want to construct a radio controlled vehicle from scratch. This would be the second method of building a radio controlled vehicle and you will need to find the precise plans for the construction as a first step. You may require to use wood, power tools, paints and glue to create a miniature model of the vehicle that looks as close as possible to the real one.

If you have a hobby of building radio controlled devices, you will be in constant need of the parts and components. At times, you may need to replace the tools or the wood in the middle of the building project, so it is better to have a vendor from whom you can purchase these items at short notice. However, there are many options to buy the components, either locally or by mail order. With some experience in this area, most remote control device enthusiasts usually have a selected vendor whom they patronize often.

Your hobby of building radio controlled vehicles is more specialized as compared to other simple hobbies. Therefore, you may not easily find items that you require at the local craft stores. You may need to find a store specializing in remote control parts to supply you with the necessary items. However, if you require a quick substitute for wood, model glue or paint, you can get them at the local craft store. The local hobby stores may have some items that you can decide to make do with, or you may want to hold off and buy the specialized items that you require, later on.

To find specific items for radio controlled vehicles, you may have to look for specialty stores, online. Websites sell items suited for radio control vehicle project that you may be working on or, they may provide links to other sites dealing with them. One advantage of purchasing online is that you will be able to get an idea of the product and the service of the supplier from the user reviews that the websites have. Other radio control hobbyists post their responses and

Remote Control Cars Inside Out

experiences with these items which can help you make an informed decision. Whenever you decide to buy from the online stores, you need to first verify whether the site is reliable and whether they ship the items within the scheduled delivery time and whether the items have reached in good condition to their customers.

EBay sells a number of items that can be utilized for building a radio controlled device. You can procure components comparatively cheaper from EBay, provided you know what exactly you need. However, if you want the best items to use for your radio control creation, eBay may not be the best choice as it does not provide any user reviews. It is therefore advisable to research on a site geared towards radio controlled hobby items to find the best component you need. Armed with this research you may then check out the availability of the component on eBay and get it at a cheaper price.

It is best to buy high quality components to build your radio controlled vehicle so that you need not replace the parts very often. Cheap and low quality components go out of order very soon and also affect the overall performance of the model. Thus, it pays to spend a little extra so that you do not have to keep on replacing the defective parts that often.

Gas RC Cars - A Cheap Way To Enjoy Racing Thrills!

For long time race car enthusiasts, it is wishful thinking to own a race car. Due to the prohibitive costs, most fans of racing events can just watch jealously from a distance. All they can do is wonder when such an exhilarating experience of racing high-end models of Porsches, Volvos, BMWs or Mercedes will come their way. For most people it is a distant dream, simply because they cannot afford these fully-gearred top end models of race cars.

However, there is an alternative to satisfy the cravings of such racing enthusiasts, and that too at a minimal expense. Seems unbelievable doesn't it? After all, we are talking about those classy race cars that cost several thousand dollars. But, in reality, remote control or RC cars can be used to achieve the same thrills, without the financial drain. Remote control cars conjure up an image of the toy cars that you played with as a kid. However, these are the same beefed up versions of the toy cars but technologically very advanced.

Technological advancement has made impossible things possible. One such technical wonder is a remote or radio controlled car. These are created as exact replicas of the latest models of the classy Volvos or BMW's that you desired. Race car models are considered the cream of the crop of the automotive industry. You can experience the same thrills by using RC cars for racing at a fraction of the costs.

The popularity of RC cars has increased over the years as there are numerous fans of the hobby. There associations and clubs dedicated to RC car racing. RC cars now participate on speedways and race tracks. Those car race enthusiasts who long to take part in such races can do so now, without being worried of the cost factor. The trendiest RC cars cost just a few hundred dollars.

Gas remote controlled cars look the same as other RC cars and may cost just under US\$ 600. They come equipped with the same features as the normal RC cars and may reach amazing speeds crossing 70mph. Dragsters accelerate to a whopping 60mph in less than 3 seconds. A gas RC car may cost you about US\$300 or slightly more. You can customize it as per your choice with a custom paint job or adding a fully functional spoiler. This may cost you some additional expenses.

Remote Control Cars Inside Out

You may also opt for something sensible like one of the off-road remote controlled trucks. A family activity with the RC car can be great fun. There are numerous options available in gas powered RC cars and they are popular with people of all ages and personalities. Gas remote control cars are amazing creations appreciated by all. If you are a fan of these amazing creations, then you can start searching for one right now. There are plenty of websites providing information on gas RC cars. You may also get in touch with someone who is a RC race car enthusiast for tricks and tips on RC car racing.

Ham Radio Operation – An Enjoyable Hobby!

Amateur Radio or Ham radio is a hobby that radio control enthusiasts enjoy. It is a hobby and a service that uses radio communication equipment to communicate with other ham radio operators. Ham radio operation is a hobby that requires a license to operate. The first step to indulge in the hobby is to get a good ham radio device. It is better to take the advice and guidance of a person having the knowledge of ham radios whenever you wish to purchase the device. You should also be aware of the technical details and the local laws prevalent in respect of ham operations.

If you want to pursue ham radio operation as a hobby, you first need to get to know all about it. The Internet is a good source of information and will provide you with whatever you want to know. Other sources of information is reading through the books available on the subject or talking to other ham operators who can provide you with the insights on the subject. However, if you have no idea at all about ham operation but find yourself fascinated by it, then you need to learn about some of the technical jargon. Just a fascination or a wish cannot sustain a hobby. If you are indeed serious about ham radio operation as a hobby, you have to spend the time and effort to get to know about it and work towards your goal.

Ham operation is sometimes tiring, in spite of the modern equipment and it may be quite taxing to find communications from other radio operators. However, you are rewarded for your efforts because you can interact with other people, communicate with them and if the occasion calls for, provide emergency or disaster communication to help your community.

The selection of the ham radio equipment will depend greatly on how seriously you take your hobby and how much you are willing to invest in it. Reasonably priced ham radio equipment is available at stores dealing with it. It is advisable to speak to other ham operators, also visit the stores, and physically check out the equipment before buying. Radio equipment that can connect with long distances will cost much more than those that have a less range. The advanced equipment like digital voice transmission will be much more expensive than the simpler Morse code wireless telegraph models.

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The next hurdle for a ham radio operator is to obtain a license to operate. Morse code proficiency is no longer needed for the amateur radio operator license exam. It was excluded at the World Radio Communication Conference held at Geneva in 2003. However, the test includes the knowledge of ham etiquette and knowledge of international communication laws. Once you receive the license, you are free to operate your ham radio within the allotted bandwidth. You are also allowed to modify or change the equipment within the specified limits.

Houston – The Best Place For Remote Controlled Helicopter Enthusiasts

If you are interested in remote controlled helicopters and you live in Houston you may find a number of other remote control hobbyists who share your enthusiasm for these amazing wonders. There are many remote control helicopter enthusiasts that are interested in various aspects of this hobby, in Houston. These people are good company and are very hospitable. When it comes to remote controlled helicopters, these people are very knowledgeable about the helicopter maintenance, flying and general enjoyment. The remote controlled helicopter hobbyists in Houston are a helpful bunch; they will go out of their way to help you if you wish to learn about remote controlled helicopters or with anything else concerning the hobby.

I lived in the Houston area as a child, and I've had a great experience with the helicopter enthusiasts there. This exposure to the field of remote controlled helicopters helped me to cultivate my hobby as a remote control helicopter collector. Had I not been influenced by these remote controlled helicopter enthusiasts, it would have been an altogether different story. My parents did not know much regarding remote control helicopters, but they would bear with my helicopter flying ventures. However, it was the shop owners, maintenance crews and other enthusiastic residents of Houston that were instrumental in getting me interested in this truly enjoyable hobby.

It was a summer afternoon when I was walking down the street window shopping that my idea to become a remote control helicopter collector was born. As a fifteen year old kid, I had two remote control helicopters that I loved very much and enjoyed playing with. They took a lot of effort for maintenance like oiling and dusting and I did not think I could have some more. During my walk that day, I passed by a shop that displayed all manners of helicopters of various sizes and shapes from the very largest to the tiniest. Looking at this amazing display, I decided to start a collection of remote controlled helicopters too. So, it was in Houston that my idea took root.

I entered the shop and explained to the owner how impressed I was with his collection of helicopters and that I was so impressed that I had decided to set up my own collection. The shop owner was kind enough to gift me one of his own helicopters as a gesture of friendship.

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Years passed, and when I had a large helicopter collection of my own, I went back to the shop and gifted one of my helicopters to him. The shop was still there and the owner did remember me after all those years. He was very proud that I had kept up with my hobby of collecting helicopters.

It is an experience like this that makes Houston the best place for remote controlled helicopter enthusiasts!

5 Tips And Tricks To Build An Amazing Rc Car

If you are a remote control car fan then you should experiment with the assembling of a RC car of your own. Remote or radio controlled cars are great fun for on –road car racing or even off – road car games. However, this takes much effort on your part to assemble an amazing car that you can proudly display.

Assembling your own car can be quite a complex task, but in case of maintenance and repairs, you have an advantage because you know the vehicle in and out. Building your own car will also help to bring out your creativity and to reduce your expenses, you can select what parts will be used and personalize the RC car to suit your specifications. By shopping and researching for the components, you can select the best products at the cheapest rate. However, fuel and battery costs remain much the same whether you assemble a new car or use a car kit.

Building your very own RC car will take a lot of effort and it will also take a long time. It all depends on your experience, the car components and the make. You must make sure to read the instruction manuals thoroughly before you begin to assemble the parts. Although you may not be able to complete the project fast, it is advisable to take breaks occasionally because it breaks the monotony and allows you to concentrate better on the job at hand. .

Here are some tips to consider while creating a new RC car model.

1) *The Instruction manual:* The first step is to read the instruction manual completely before starting on the project. Understand the guidelines to avoid complications in future and avoid wastage of time. From time to time, check with the manual to see if you are proceeding on the right track.

2) *Have a pencil and pad handy:* Besides jotting down notes, you may need to note down the screw settings and their positions. It is advisable to note down the positions of the front and rear portions and the sides.

3) *Organize your building space:* Have a clean and dry towel to keep the car parts from rolling away and it will also help to absorb any fluid spills. Ensure that you cover up the car when you

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leave it for the day. Also, have your work area where you will not be disturbed. You also need ample lighting to be comfortable while working at the job.

4) Use of containers: It is a good idea to store all the small parts in hardware trays. You can use empty containers, tins or boxes to keep all the smaller parts separated and sorted out.

5) Have a good set of Tools: If you are a serious car builder, you have to procure a set of basic tools such as Phillips head screwdrivers, jewelers' screwdrivers and a 1/4th inch flat blade screwdriver. One set of slip-joint and needle nose pliers can be procured. If you have a nitro model car, you may also require control lock pliers to grasp flywheels. For lines and parts that need to be close cut, you need a flush cutter.

Beginners of this hobby must have patience as remote controlled cars are a new challenge for them. However, there is a great thrill in building your own radio control car from scratch, and it can be a fun activity.

Mini Remote Control Helicopters – A Great Gifting Idea!

While looking for a gifting idea for kids, I happened to chance upon an advertisement for mini remote control helicopters. The ad set me thinking; why not gift these mini remote control helicopters to the kids? Incidentally, they were my aunt's triplets and their first birthday was fast approaching. I thought it would be a novel idea to gift each of these little ones one mini helicopter each and introduce them to the wonderful hobby of remote helicopter flying. But then, these were babies, so would the mini helicopters really be an ideal gift at this time? After all the mini helicopters are very delicate items.

Anyway, I started doing research on the subject, so that I would be an informed customer whenever I needed to buy them. The mini remote control helicopter prices were the almost the same as compared to the standard size helicopters. I was surprised by this bit of information. The salesman however explained to me that the mini helicopters require a great amount of painstaking effort and patience to assemble the tiny parts to precision.

Assembling the mini remote control helicopters was an intensive process, according to the shop assistant. Apparently, it requires even greater attention to detail as compared to assembling a regular sized remote control helicopter. The parts and components are fragile and therefore need a nimble- fingered person to assemble them without breakages.

All this information made me change my mind about the gifting idea, mini remote control helicopters were not meant for babies. I could gift them when they were ten or eleven years old. For now, the best gift option would be stuffed soft toys that are safe for babies, or some other suitable and cheap item that they cannot swallow or break. This was an experience for me, because, I am not very good at selecting gifts. You see, most of the times, I am not very sure that people will like the gift I give them. It takes a great amount of time and lengthy discussions with the sales assistant about the particular gift item, before one makes a decision about its suitability to the person you intend to gift it to.

Here again, the internet comes to your aid. It is a good idea to read the online testimonials and reviews about the product you intend to purchase, in this case, mini remote control helicopters. This is the easiest method and the cheapest way to find out more about the item you wish to

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purchase. With a little research, you can find the best model of a mini remote control helicopter that can be purchased for yourself or to gift away to somebody else. However, make sure that they are old enough to appreciate the beauty of the mini remote control helicopter.

The Euphoria Of Remote Control Race Cars- Experience The Thrills!

The cheering crowds, the adrenaline rush and the mounting excitement say it all. Welcome to the world of RC car racing! RC cars or remote controlled or radio control cars are a fascinating hobby of many race car fans. RC car racing is gaining the spotlight as remote control car racing is become the most popular hobby that is attracting the young and old alike. The exhilaration and thrill of racing a remote control car is like no other.

If you are not as yet hooked by this new phenomenon, you will, once you discover the pleasures of this hobby. As a hobby, RC car racing becomes pretty addictive at times. It is a common sight to see men and women, young and old indulging in car racing. RC car racing has reached higher levels of perfection and has become much more than just an ordinary hobby with the high level of professionalism involved in the races.

A person interested in RC cars may be hard put for a choice. That is because the radio control cars are now available in a wide array of colors, styles and features. They can be purchased as unassembled kits, or in a complete, ready to run condition. You should ensure to check around for the best deal suitable to your needs and budget. One can choose from the many options of gas powered or electric cars, on- road or off-road models, truck or car models and assembled kits.

How does one select the best between the gas powered and the electric Remote control car? The source of power used for the car is the deciding factor, although there are pros and cons in selecting either of the car models. Given below, is a description of the various types of RC cars available today.

The Nitro powered RC Car as the name implies, runs on nitro gasoline. This is the fastest RC car segment and the most popular one in the RC Car racing world. It can reach amazing speeds in just a few seconds and boasts of great power. A nitro RC car can jump on hurdles at a high speed and land smoothly on the road. These cars run quite fast and can achieve speeds of up to 70 mph or more. If you are a fan of high speed driving, then you can select the nitro RC car. However, these cars are not meant for beginners due to the complexities of running them.

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Contrary to the belief, gas powered RC cars do not run on gasoline, but on a type of specially formulated fuel. Most of the gas powered cars use a pull start engine that is similar to a lawnmower. There is a disadvantage in using these cars because it is quite complicated to run. The instructions need to be followed very carefully so that it functions well.

Electric RC cars run on batteries and are very easy to operate. These cars are much cheaper compared to Nitro RC cars and are affordable to those having financial constraints. The batteries are rechargeable, thus saving you additional cost on fuel. Since electric RC cars are simple to operate and affordable too, they are most beginners' first choice. These cars are generally used by beginners to practice their racing skills without huge expenses. However, the electric RC car is slower in comparison with the nitro powered car.

The History Of Radio Controlled Devices

Radio controlled devices have gained popularity as hobby items apart from being used for various other purposes. Building, modifying and driving radio controlled vehicles is a favorite pastime of radio control enthusiasts. The sport involves displaying the skills of the person in handling the device, efficiently.

Remote or radio controlled devices are controlled from a remote distance. Jagdish Chandra Bose was perhaps the first to demonstrate remote controlled activity when he set alight gun powder to strike a gong using electromagnetic radiation, from a distance. Tesla was the first to show the use of a transmitter and receiver to remotely control a ship. He showed how mechanical gadgets could be controlled using the wireless principle in the year 1898. He also began the construction of a wireless tower that remained incomplete due to lack of finance. Tesla can be said to have created the basis for the design of radio controlled devices which are in use today. The American inventor Armstrong said, "The world will long have to wait for a mind equal to Tesla's, a mind of such creative possibilities and such wealth of imagination."

Remote controlled devices are also known commonly as RC devices- RC meaning radio controlled. Dr. William and Walter Good, two twin brothers created and flew the first radio controlled airplane in 1937. Dr. William was a radio specialist whereas his brother Walter built aero models. They combined both their skills to create a radio controlled airplane. The principle of radio control has also been used in the World War II. From the 1960s, transistors were available, and this revolutionized the circuits to make them compact and light.

Sometime during the mid or late 1960s, the British company Mardave, began producing the first commercially feasible remote controlled cars. The first gas powered or nitro cars were sold in the early 1970s in Leicester, where the company was based. Radio controlled devices need a control transmitter, a throttle trigger and wheels for turning, while the receiver is located in the body of the toy. These models run on either electricity or fuel. Electrical speed control is used in electrical models, whereas radio control mechanisms are used in fuel control systems to regulate the fuel input.

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Toy grade devices are usually assembled models available at retail shops and are much cheaper than hobby grade models. The toy grade models use electric power and run on batteries. Hobby grade radio controlled devices are more serviceable and durable, but are very expensive. They run on fuel like gasoline or nitro and unlike toy models which are ready made, these require assembling of the various components.

RC devices come in the form of cars, airplanes, boats and helicopters. Remote controlled cars are used for racing and this is a very popular sport among car enthusiasts. Small cars and toys are used for indoor games. Radio control technology is combined with robotics to create various devices used in international robotics contests held in Japan.

There are numerous uses for radio control technology and vehicles are only one aspect of it. Radio controlled hobbies can be enjoyed in many ways and combined with robotics, they open up wider possibilities for the hobbyists.

Radio Controlled Devices –Hobby Grade Toys

Radio controlled or remote controlled (RC) devices can be hobby grade or toy grade. Toy grade RC devices are usually available at retail toy stores and may be purchased by people for their children to play with. These are mostly toys produced in bulk quantities and comprise of non-serviceable parts. The RC toys cannot be used outside as they are not rugged enough to take the strain of the terrain outdoors. Most of the radio controlled toy grade devices are not durable as they are made from soft materials that are easily breakable. These items are ready to use and thus require no assembling of parts. Since they run on battery cells, all you need to do is place the batteries in the case and your toy is ready to play.

Hobby grade radio controlled devices are meant for the serious enthusiast. These devices are simple in their design and can be remodeled, serviced and reused. The material is durable and the items are usually custom made. More often these devices need to be assembled, but the stores may deliver the assembled piece, if you so wish. A serious hobbyist will always prefer to buy the kit and do the assembling himself. This is in itself a creative art that the hobbyists indulge in, apart from participating in various competitions. There are sporting events held for the RC enthusiasts that have their own rules for the game.

The various types of radio controlled toys available presently are described below:

1. Airplanes:

The RC airplane is available in various shapes and sizes, from gas turbine driven models to the smaller flyers. They can be tied to a pole with the help of a rope or they can be free flying. They can be fuel driven or electrically propelled and the latest models can even reach speeds of 250mph. Since the RC airplanes are complex toys they require some amount of control and knowledge of flying. Therefore, adult supervision is required during flying and they are not suitable for very young children. The airborne RC models are among the most expensive and a crash may result in damages that may prove to be very costly.

2. RC Cars:

Cars are the most common and the most popular among the RC toys. The cars are either fuel driven or electrically powered. These can be operated even by children and are much safer

compared to airborne devices. The RC cars may be used in on-road or off-road RC car races. The RC car models come in various sizes and shapes.

3. RC Helicopters:

This is another airborne device. However, its design and flying pattern is different from that of an airplane. Some enthusiasts prefer it to the airplane as they claim it to be much more interesting for flying. The same factors of airplanes apply to helicopters too.

4. RC Boat:

The first radio controlled toy to be created was a boat as demonstrated by Tesla. He showed the public, a boat that obeyed people's command. In reality, he was remotely controlling the boat.

5. Robotics:

Robotics is popular in Japan, but the western world is also fast catching up. There are competitions held for the best robot created in terms of design and creativity. Robotics is moving to the latest technology of artificial intelligence and voice control models. Radio control models are being used as toys and for remote handling of bombs and other activities involving danger.

Different Types Of RC Car Bodies

When we say 'RC Car Body', it means the outer shell or covering of the RC car that defines its appearance. There are two general classifications for RC car bodies depending on their availability, and these are:

- **Pre-built:** This type of car body will come with a pre-assembled car and look like other similar models manufactured by the company. Most of the pre-built RC Car bodies are designed on real car models. Hobbyists purchase these models for displaying their craftsmanship. With the pre-built car bodies, one can possess their dream car, albeit as a remote control car!
- **Customized:** Pre-build car bodies have a uniform appearance. However, serious car enthusiasts prefer to add their own personalized touches to the car bodies. Long time enthusiasts of RC cars try to achieve one of the two objectives, namely aesthetical advancement or performance enhancement. Car enthusiasts, who want their cars to stand out in the crowd or look better than the others, customize the car bodies for aesthetical enhancement. Many customization ventures are also undertaken to enhance the performance of the RC car by improving the aerodynamics of the vehicle to attain maximum speeds.

The most common type and easily recognizable car bodies may be of three kinds:

1. **Realistic Car body:** These are based on the normal cars running on the road. Basically, they are miniature models of real cars. They may often be modeled on the latest winner of the world car rallies like a Ferrari or on the more 'cool' model like the Hummer. The realistic RC car body is highly regarded for its craftsmanship and faithfulness to the original car model. These cars will be used for on-road races as there is less chance of damage to the vehicle.
2. **Monster Truck:** These car bodies are meant to take a lot of bashing and are built to be sturdy vehicles. The owners subject the vehicles to various maneuvers like leaping off ramps and participating in off-road or hurdle races. Most often, the vehicles survive the difficult terrain because they are built to be durable and sturdy. These are meant to be fun vehicles, giving their owner the thrill of actual rally car races.

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3. Racing Buggy: These RC cars are made for the races. The vehicles are built for speed and can take on any terrain. It is aerodynamically designed in the typical triangular shape to be used in any kind of racing conditions, to emerge the winner.

Get Into The Game! Race Your RC Car

The cheering crowds, the adrenaline rush and the mounting excitement say it all. Welcome to the world of RC car racing! RC cars are a fascinating hobby of many race car fans and many adults and children enjoy both on –road and off –road races. However, a lot of preparation goes into getting a RC car ready for the race.

First of all, select the tires for the RC racing car very wisely. Choose a tire that is suited to the road surface of the car race. You need to also select the best motor, size and maintenance suited to the race. Ferraris, Porsches and Lamborghinis are popular choices for on-road races, and they are capable of great speeds. These are specific racing cars and need to be run on a smooth track for the best performance. Trucks and buggies may not perform well in terms of speed but they can be used on any kind of racing track including the roughest terrain.

The most popular RC cars are on-road vehicles that are commonly used for car racing. These will run on paved roads, smooth surfaces and even on the streets. Off-road vehicles can be run on any terrain as they are truck-like vehicles that are very sturdy. They can easily handle all kinds of uneven terrain and ramp jumps. Off -road vehicles are available in two wheel or four wheel drive with electric or nitro engines.

The RC car comes in two sizes, namely, 1/8 and 1/10 scale. The 1/10 scale is ideal for race cars and is the standard size for on-road RC cars. The 1/8th scale is popular with monster trucks and buggies and meant for off –road use. The best engine for a race car is a nitro powered one as it can reach the maximum speed of 70 mph. The high speed and acceleration is what makes these car engines ideal for racing.

Two wheel drive vehicles are less expensive and easier to maintain. But, good traction and handling is possible with a four wheel drive that makes it an ideal choice for races. Maintenance is an important factor of any RC car. Ensure that the car parts like the air filter, header, clutch, differential and pull start cord are properly maintained so that they last long.

Once you have made your selection of the RC car that you will be using in the race, you are ready to face the challenge of car racing. Joining in the race will gain you experience and a lot

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of friends in the car racing world. Be sure to take the advice of the expert car racers you will meet, to get the best performance from your car. Participating in the races will give you the opportunity to see the latest models of RC race cars in action, and also provide you with the thrills of the game.

How To Choose RC Car Parts

Toy- grade RC cars come in ready made models and there is no assembling involved. These cars are pre-assembled and they cannot be repaired or tinkered with. After all, they are toys that are to be used as long as they last. Therefore, no toy –grade car parts are available for assembling these RC car models. One can learn the basics of vehicle control and other skills required for car racing with the help of the toy-grade RC cars. Hobby grade cars are available in kits and the parts need to be assembled. Most enthusiasts prefer to build their own RC cars and customize them according to their tastes and fancies.

Car component manufacturers may often claim that they have the best and cheapest car parts. Thus, a lot of people find it difficult to choose the correct RC car parts if they want to assemble their own RC hobby cars. Here we discuss a few tips to choosing the ideal RC car parts for your vehicle.

1. Compatibility: Some components for the RC cars can be used for only certain models or brands of RC cars. The car manufacturer may be trying to build up or retain his market share or they may want to optimize the performance of their brand of cars. It is always a wise idea to check out the compatibility of a particular part with the car kit you have. This is especially essential if you are a beginner in the area of RC cars, so that you do not end up damaging the vehicle. The advanced hobbyists do not follow this rule because they may be trying to fit various RC car parts to build a truly customized and personalized RC car. However, special skills are necessary to pull this off and most advanced hobbyists are quite capable of achieving their goals.

2. Price: RC car modeling or racing is an expensive hobby and lot of spending is involved. The components are expensive to buy and you must realize that this hobby will cost you a lot of money. Therefore, as a beginner, you should get into the habit of budgeting your expenses; you can stick to a certain price range and select the particular part within your budgeted price range. Impulsive buying may not be advisable as prices are always dropping as the new products come into the market. If you wish to buy good quality items, then you may need to sacrifice a little to indulge in your hobby.

3. Quality: Buying cheap and low quality parts will affect the performance of your car. It will also involve unnecessary expenses in replacing the damaged parts often. Most of the advanced hobbyists mix and match different car parts because each car part manufacturer may have their own specialty. For example, some may specialize in good quality chassis whereas others may be known for their engines. Therefore, it is ideal to buy the parts that are of good quality so that you can enjoy a good performance from your car and also have along lasting investment.

These are only a few tips to purchase the best car components for your RC car. The final decision lies with you and how serious you are with your hobby and the finances you can spare for the purpose.

Why People Love To Watch RC Car Videos

Watching videos is a popular hobby with many. Videos are available on a variety of subjects and the internet is the biggest source for them. The videos may be fun, silly or touching eye-openers. Some videos may be engaging to watch, offending one's sensibilities. Yet others may be amazing and fascinating for the viewer. Remote Control or RC car videos are fascinating to say the least and many car enthusiasts are hooked to these in a big way. What is so enthralling about a RC car video? Let's find out.

- **Car Bashing:**

People love watching anything involving car bashing, but from a distance. They may want to see the potential damage to the car when it goes through various disasters. It gives them an idea of the level of abuse these miniature cars can withstand. They might like to just observe the cars take a beating or they may want to see the durability of the particular RC car model. There are yet other people who view these as metaphoric to see their own survival in obstacles as symbolized by a RC car.

- **Similar Interests:**

People with a hobby and interest in cars in general like to watch the RC car videos. Others who are interested in getting into the hobby may watch videos to get knowledge about it. Some RC car hobbyists may want to improve their skills, so they watch videos to help them out.

Some people like to watch the RC car videos to try out something new. They usually study the videos to hone their RC car skills or to study new maneuvers in car racing.

Another reason that the people may watch the car videos is to study the competitors in the racing worlds. The participants of a RC car race may like to study the car race video of another adversary to prepare for a race. They would like to anticipate the moves of the competitor so that they can plan their defenses in advance. Studying the different maneuvers may help them to learn how to counteract the adversary's moves.

- **Imitation of life:**

RC cars come with various features that enable them to perform a variety of stunts. Many people like to watch the RC car videos just because they like to see the amazing maneuvers

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that are impossible in real life. RC cars can perform many stunts such as jumping off a ramp, performing aerial flips or gravity defying stunts that can only be dreamt of.

Remote controlled cars give us the opportunity to achieve the unattainable. It allows us to perform stunts that can be only seen in movies. Watching the videos can give the viewer the thrills without causing damage to expensive real cars.

Most people enjoy watching RC car videos simply to experience the thrills. If you ask them why they are so addicted to it, most often the reply would be, "it's so cool!"

Toronto: A Remote Control Helicopter Enthusiast's Paradise!

The best place to get remote controlled helicopters is not the United States, but in Toronto, Canada where there are a relatively fewer number of helicopter enthusiasts compared to USA. This is because the people in Toronto have an amazing skill in creating the remote controlled helicopters that are beautiful and innovative too.

I had an amazing experience in this regard, when I saw an advertisement for helicopters being sold in Toronto. I would have normally opted for an online purchase, but the inventory displayed online was quite limited and unimpressive, while the shipping cost was outrageous. I decided to make the trip from Texas where I live, to Toronto, visiting the Niagara Falls on the way and also enjoying a short vacation. It proved to be a good decision and I was successful in my endeavor.

I visited the bona fide RC helicopter shop where the owners were also the manufacturers. Therefore, these people definitely had a great amount of knowledge on the subject of RC helicopters. I was treated to the wonderful Canadian hospitality. The persons selling remote controlled helicopters in and around Toronto are a helpful lot and are willing to share a lot of information on helicopter purchase to any beginner of the hobby. Although I am myself a great helicopter enthusiast, I know that I have still a lot to learn. Therefore, I always look forward to gaining some extra knowledge from these experts of the RC helicopter world. Luckily for me, the shop had just received its new shipment of the best brands and I was the first to get a look at the collection.

Looking at their amazing collection of helicopters meant for sale and the attention to detail, I was tempted to buy two helicopters instead of one as I had planned earlier. During the course of my visit to Toronto, I had the opportunity to expand my knowledge on RC helicopters and the newer trends of helicopter purchase. I also discovered that Canada has a better warranty plan for remote control helicopters than that provided by the United States. I was quite happy and satisfied with my purchases and returned home with my prized possessions.

The Canadians are experts in crafting the best helicopters that are available. The models possess an unassuming elegance and are beautiful pieces of art. I regularly fly the two helicopters I bought in Toronto and am looking forward to the next helicopter race that I can

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participate in with these models. This will give me a feel on how these helicopters handle during a competition.

Remote Controlled Cars – A Popular Hobby Option

Very often radio controlled hobbies start with cars. Children are normally given remote controlled cars as a gift and many times this is the beginning of their fascination for cars. Boats and planes are the more exotic type of remote controlled devices but they are expensive and a little more difficult to operate compared to cars. Cars may not be completely destroyed if they crash, unlike planes or boats. One can gain a good amount of knowledge by assembling a radio controlled car, and this experience will assist in building speedier and trendier cars. The assembling of a RC car is an art and the serious hobbyists spend an enormous amount of time and effort in creating a customized model that can boast of superb speeds and a sleek appearance.

For the beginners of radio controlled hobbies, it is best to purchase a pre-assembled RC car. These are available in toy shops and can help you to learn the skills of the RC car handling. These may not be technological wonders, but are good enough for a beginner. At a later stage, you can dismantle the pre-assembled car to study the general construction of the vehicle like the connections of the engine and the wheels, etc. This will help you understand the intricacies of building your own RC car whenever you decide to do it. You can also utilize some of the parts of your old car in the new one you will build.

After obtaining the essential knowledge on car building, you can fashion out a car model from wood or plastic, install the engine and other components and paint it to your liking. Your amazing RC car is ready to face the race tracks. There are people who build fast remote control cars to show off among friends. As a beginner, you must learn the basics of car building before launching on any project.

To become an expert in radio controlled devices you must do a lot of research and there are many resources available to help you in the matter. The Internet is the biggest resource and you can find all the information that you require at the click of a mouse. There are tutorials for the novices and community groups or forums deal with specific queries relating to the issue. Forums and groups are formed by those sharing the hobby of remote controlled devices to discuss their views, experiences and accomplishments with other like -minded people.

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There are many races and exhibitions held for remote controlled cars and you can participate in one of them to get to know other like- minded people. The best way to find out about these races is to search on the Internet for a race or a convention nearby. It may be a weekend trip but it will be worth the effort to meet other radio control enthusiasts. There may be meetings to discuss tips and tricks of the trade or it may be a competition of some kind involving RC cars. A wealth of information can be obtained by just speaking to other RC car hobbyists present there.

Remote control cars are becoming a popular hobby and if you wish to indulge in this hobby, you need to start by learning the basics, and with the resources at your disposal, the rest will fall in place.

Remote Control Helicopter Training And Aficionado Club In Toronto

Helicopters are one of the best ways to get around, and they are quite popular as a mode of transport not only in the United States of America but also around the world. If you are a helicopter fan, you may be able to satisfy your interest by purchasing a remote control helicopter.

Toronto is the best place for radio controlled helicopters as the Canadians are among the world's best craftsmen for remote controlled helicopters. You may go a step further in your hobby by applying to a remote control helicopter training and aficionado club in Toronto. If you are a Canadian then you quite lucky, otherwise you should be willing to travel to Toronto. The Canadian city is a known spot for helicopter purchase and there is always a helicopter flying in the air. However, the goal of the Toronto remote control helicopter training club is to fly a remote control helicopter over the Niagara Falls.

If you have had the good fortune to pay a visit to Canada or if you are a resident of Canada, then you may be aware of the fact that Niagara Falls is the best sight to see in the whole world. I had occasion to see the Niagara Falls in the summer when the waters plummet down to the bottom and also during winter when the Falls freeze in the cold climate. It was truly an amazing and breathtaking sight during both my trips, in summer as well as winter. Therefore, I was thrilled to know about the Toronto helicopter club's initiative to fly helicopters over the Niagara Falls during summer as well as winter. The club holds two day competitions both in summer as well as winter for remote control helicopter flying. These competitions hold a lot of interest among the locals and they are training for these events all thorough the year. People from all over the world participate in the competitions with the beautifully crafted helicopters. Most helicopter enthusiasts build their own models of helicopters rather than buying them ready made. These enthusiasts get together to fly these beautiful helicopters over the Niagara Falls. They have various qualifying rounds and the best two finally race across the Niagara Falls in a war of speed.

The winner of the race gets a cash award of \$ 50000 and a holiday to the Niagara Falls, for the next year's competition. This sport has been going on for a number of years and people are

Remote Control Cars Inside Out

very excited with the event. I may visit Toronto next year, to see the training trials and the competition at the Niagara Falls itself. As yet, I am not ready to participate in the competition myself, but after a few years, I may participate. It is a great feeling to fly your own custom made helicopter over the Niagara Falls. In case you are a serious enthusiast, go ahead, register for a Toronto helicopter training club, and enjoy the paradise that is Canada.

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