

MINOTAUR

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A 4x4 King Blackfoot, you say! Why build that you ask? To which I reply, why the hell not! Sure you can look around the internet and find all sorts of other 4x4 R/C trucks, even the infamous custom 4x4 Stampede, the King Blackfoot's rival. So why go to all the trouble and anguish of trying to figure out how to build a 4x4 King Blackfoot? Once again, why the hell not! Besides who wants to be just like everyone else with their Wild Daggers, Twin Detonators, and 4x4 Stampedes? Not I said the blind man to his deaf wife!

Therefore the answer is pretty much self explanatory. I built it simply because no one else had, at least as far as I know! So as it stands, Minotaur is the only 4x4 King Blackfoot in existence!

Ok, now that the gloating has been said lets get down to how I accomplished such a feat! First we'll start with the items necessary to complete this build. First things first you will need at the very least 2 King Blackfoot Chassis' with intact gearboxes, the front ends will be discarded. Next you will need the following parts Part number: 50736, this is the TL01 steering components; it will include the C-hubs and knuckles necessary to make one rear end steer.

You will need to get 4 Tamiya Step Screws (King Pins), Tamiya refers to them as a MB11, you can find these in various kit parts bags. One such part bag has a part number of 9415196

- Part Number: 9805551, this is the Wild Dagger dogbones (for the front end).
- Part Number: 50823, this is the Wild Dagger wheel axles (for the front end).
- 1 bell crank steering system, I used the Duratrax Maximum ST bellcrank.
- Some pieces of sheet aluminum, 2-3mm thick should be sufficient.

Now, to put all these goodies to use! First step is to choose a gearbox that will



Completed Minotaur.

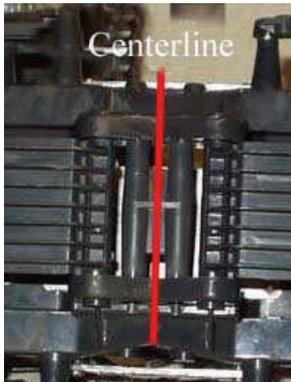
become the front end. Once you have that take the suspension arms and cut the center back about 1/4 of an inch from where the stock hub carrier mounts.

The idea here is to get it so that the TL-01 hub carrier (c-hub) will be able to mount on the screw that holds the two pieces of the arm together. You will then use the original camber link to mount to the top of the carrier.



Once the carriers have been installed you can now install the dogbones, hubs, and wheel axles.

Next step is to join the two chassis' together. Take a look at the bottom of your chassis; you should see a 'H' shaped cross brace. Use the center of that as your center-line on which to cut the front portion of the chassis off. Do this on both chassis'. Once you have completed those cuts you will use one of those 'H' braces as the main joint of the two chassis'. DO NOT cut that brace!!!! If the two chassis' don't fit close enough to mount the



well as the servo. So what I did was I cut a shape out of aluminum that would hold the servo and bellcrank and then bent the very bottom of it to attach to the front of the front



brace just sand some of the chassis' down at the joint till you get a nice fit! Once you have completed that step you should now have a nicely joined chassis. However you will need to make some aluminum chassis braces to help hold it to-



gearbox (actually the rear of the gearbox but since it is on the front now you get the idea). I hope this picture explains it better than my feeble attempt!

Once you have all those steps complete you now have a 4x4 King Blackfoot. Now all you have to do is install your wheels and tires of choice. Install your radio and ESC, you must also reverse the wiring on the front motor, otherwise you will have both gearboxes pulling in opposite directions!

Definitely not what we want to have happen!

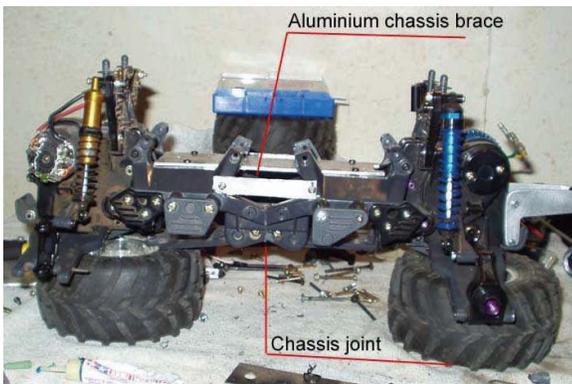
Now that we have ourselves a one of a kind 4x4 King Blackfoot we must decide on what kind of body to install on this bad boy! Luckily the wheelbase worked out nicely, so that any Maxx/Savage sized body will fit nicely onto this truck!



The body I choose to run as my basher lid is the Proline 2004 Ford F-150. The body fit the truck perfectly, although my paint job could have been better! Note to self, next time back all lexan paint with silver!

Now some of you may have noticed that interesting body mounted on the truck in the very first picture, where did I get that many of you will ask; well you'll just have to wait until the next issue for that information!

Now get off your duff and start creating cool and one of a kind R/C monsters! That's what this hobby is all about! Building and creating!



gether. I used two small pieces of aluminum on either side of the chassis, luckily I was able to utilize the resistor mounts for this brace, making it that much easier to install. I also recommend a full length electronics tray as it will help reinforced the chassis.

Now you have to figure out how to make this beast steer. You do want control of this mutant. Now this step is pretty much up to you as to how you want to go about doing it. However my solution to the steering questions was to install bellcrank system. But first I had to figure out how to mount a bellcrank system as

