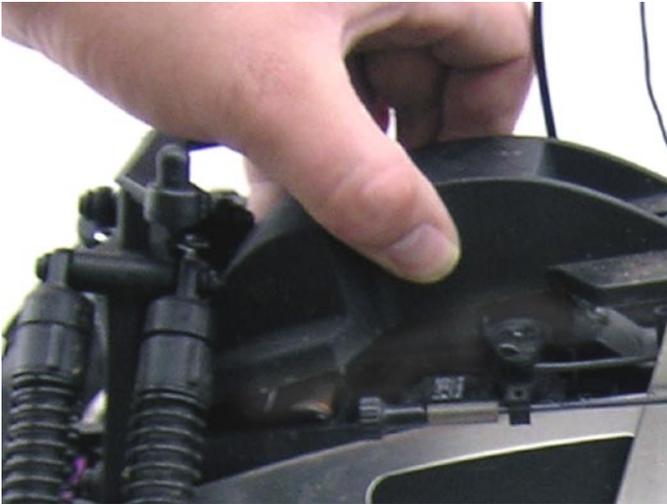


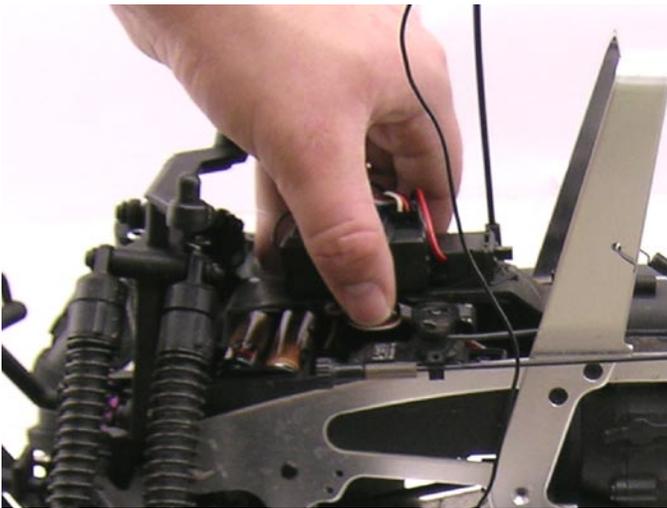
Nitrous Express Radio Controlled Nitrous System

These are installation instructions for your Nitrous Express R/C Nitrous System. Installation was done on an HPI Savage RTR .25. Installation may vary depending on vehicle and engine size. A colder glow plug must be used with the nitrous installation. Consult your local hobby shop to determine the proper plug for your application. In the Savage we used an Odonnell 99.

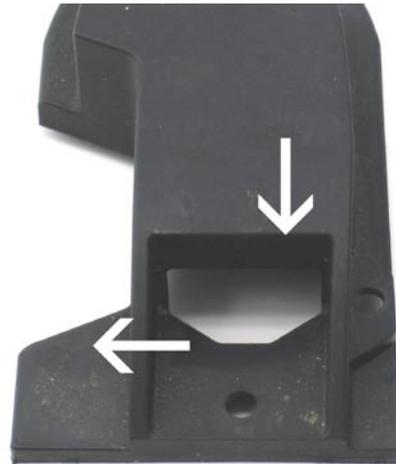
Removal of the body is necessary to access all electronics and install the nitrous system



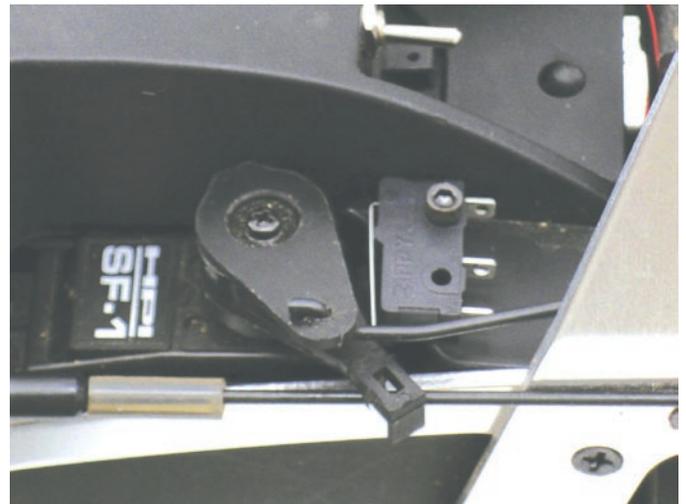
The best and most secure location for the 9 Volt Battery is necessary for all-terrain performance of your nitrous system. On the Savage, underneath the electronics cover is the optimum location. You must remove the 3 clips holding this cover down.



Once you remove the electronics cover you will also need to remove the receiver mount as shown in the picture.



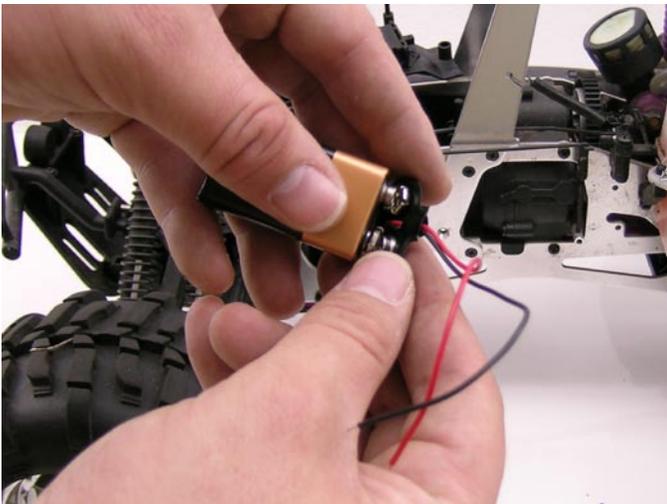
The arrows show the location of the holes we had to drill to mount the toggle switch and the wide open throttle switch.



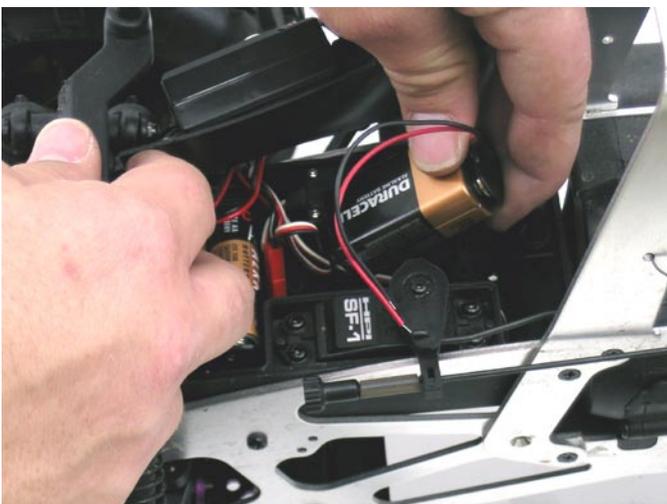
In order to find the proper location for the wide open throttle switch you must turn your RC vehicle on and take it to full throttle using the Radio. Your throttle servo arm must activate the switch for the system to operate properly. Once the optimum location is determined, mark holes and drill the electronics cover. Also drill a hole for the toggle switch, allowing clearance for all other electronics under the cover



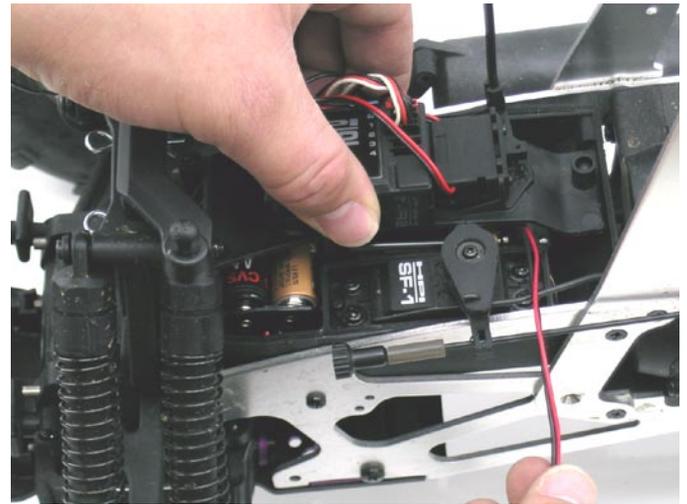
Install the supplied mini-toggle in the electronics cover.



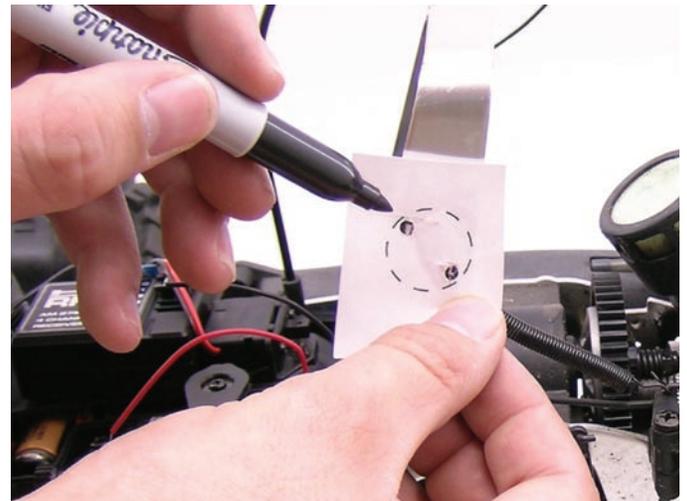
Connect the 9-Volt battery terminal to the battery prior to installation into the vehicle



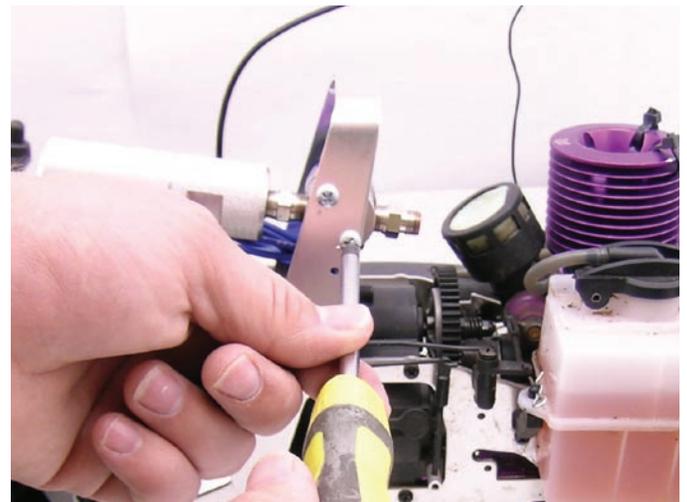
An example of the perfect battery location on the savage is under the receiver mount.

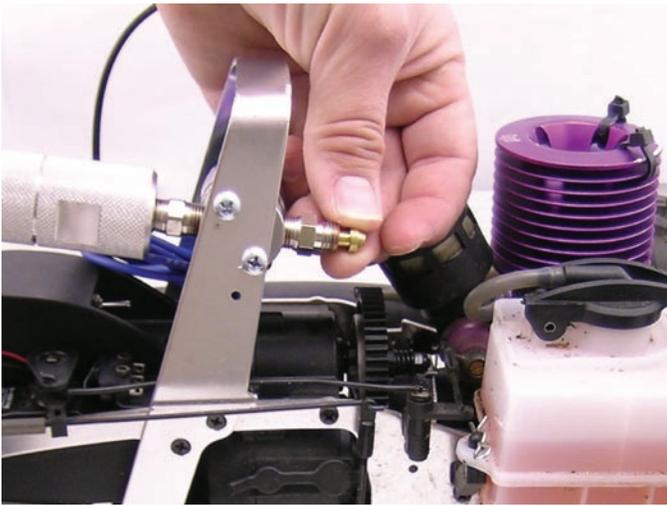


Place the battery under the receiver mount and re-install the mount while keeping the battery leads to the side. Make sure all wires are secure and receiver mount sits down in original position.

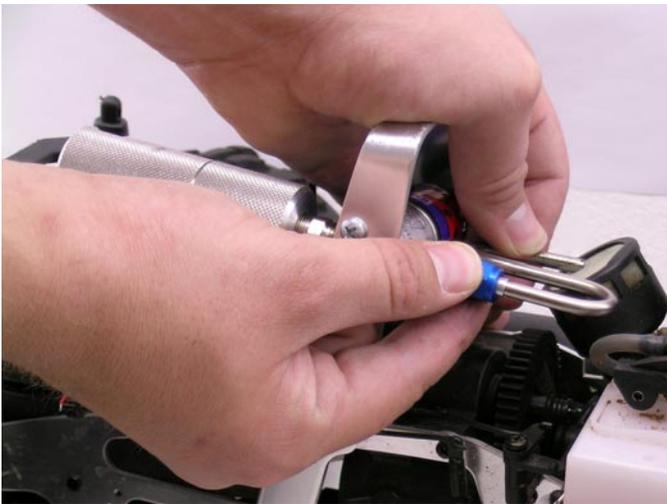


Using the template provided on the last page of your installation instructions, mark the best location to mount your solenoid. Once you mark this location, center punch and drill using an 1/8th inch drill bit. Once drilled, you may mount the solenoid.





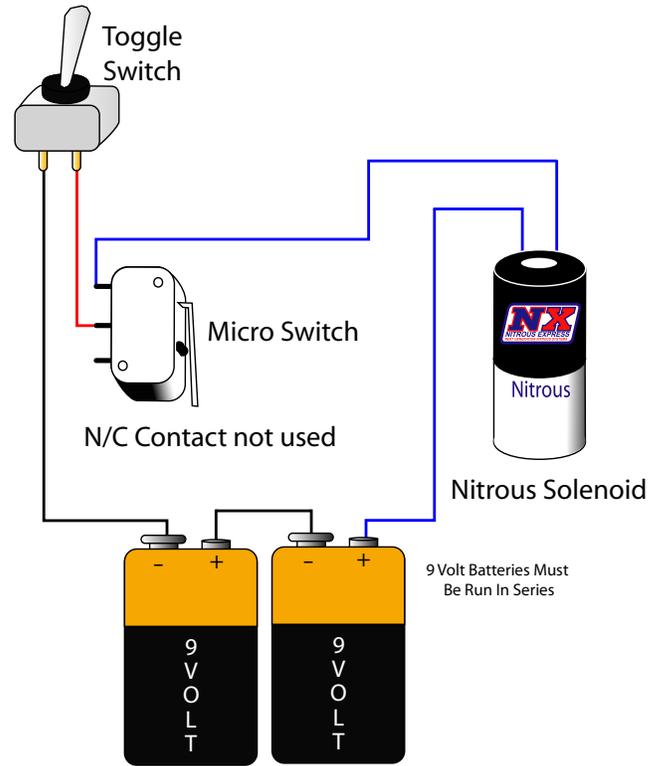
Install the .009 NX Jet into the jet fitting.



Bend stainless to fit from the end of the jet to point directly into air filter. This step will differ for every RC Vehicle.

Once all steps are completed, make sure all fittings, nuts and bolts are tightened. Re-install any covers or clips that were removed in the process. Now following the wiring diagram solder all connections to complete the install. Once all connections are soldered, test system by arming the toggle switch and pull the trigger until wide-open-throttle is achieved. The nitrous solenoid should click. After the system is functioning properly, Open the cartridge crusher, insert a cartridge, and thread the crusher closed until the cartridge is punctured.

Wiring Diagram



Cut out solenoid template for proper hole alignment, angle of holes may vary depending on solenoid location.

