

Installation Guidelines for Solenoids

- 1) Nitrous solenoids need to have Nitrous flowing through them to keep them from burning out. They can draw up to 20amps and will create lots of heat. **Do not let them turn on without nitrous flowing through them for more than 10 seconds or the coils will melt and the fuse will blow.** Do not turn them on for more than 30 seconds even if nitrous is flowing to keep them cool! If you cannot follow these guidelines email us and we can tell you how to avoid these issues. Do not mount the solenoids directly to the intake manifold or engine; it must be isolated from the heat. You must use at least 16 AWG wire! If the wires run a long ways use 14AWG wire! Do not use any toggle switches in line with the solenoid as they can melt due to the high current going through them. Nitrous Burns and Gasoline is flammable so be careful! And yes to your question, All Nitrous solenoids are designed this way because of the extreme nature of the application. Mount you solenoid in a cool temperature location! Extreme pressure will kill your solenoid seal so do not even open your bottle if it has been sitting in the sun!
- 2) Use 20 amp fuses and 30amp relays as needed.