

## Gas Shock Installation Recommendations

These Gas Shock Installation instructions only apply if the entire "1B-4 Kit" was purchased.

### Tips:

It is recommended that work be done on only one door at a time, so that the final design on one door can be used on the other with ease.

Because every car project is different, some experimentation may be needed to find the best mount locations. The most appropriate layout might not even appear in this guide. Each mount variation has its own advantages and drawbacks which can change between different types of cars, some cars are easier to fit than others.

There are several considerations to factor in, such as with how much force is required to open the door and how much force is required to close it. It is recommended that care be taken to design an arrangement so that the door doesn't swing open or closed too quickly or else damage or injury may result.

There may be a need to cut a "swing path" such that the gas shock can move without obstruction as the door opens. Take care to protect anything that is exposed to the elements because of this added opening, and also make sure that the structural integrity is not compromised as a result of cutting these holes. Additional reinforcements may be needed.

Should it be determined that the provided gas springs are not strong enough, or are too strong strong, or too long, contact Street Dreams to discuss the problem and possibly exchange them for different size or strength shocks. These shocks are available in 100, 150, 200 and 250 pound lift forces, and also 26", 28" and 34" extended lengths.

When placing the shock mount points for strength, keep in mind that gas shocks fade over time. Reserve 10% to 20% excess force to maximize the useable life span.

The force of these gas shocks are rated fully compressed, the force fully extended is about 30% less than the compressed force. A 150lb shock fully extended should have about 105lb force.