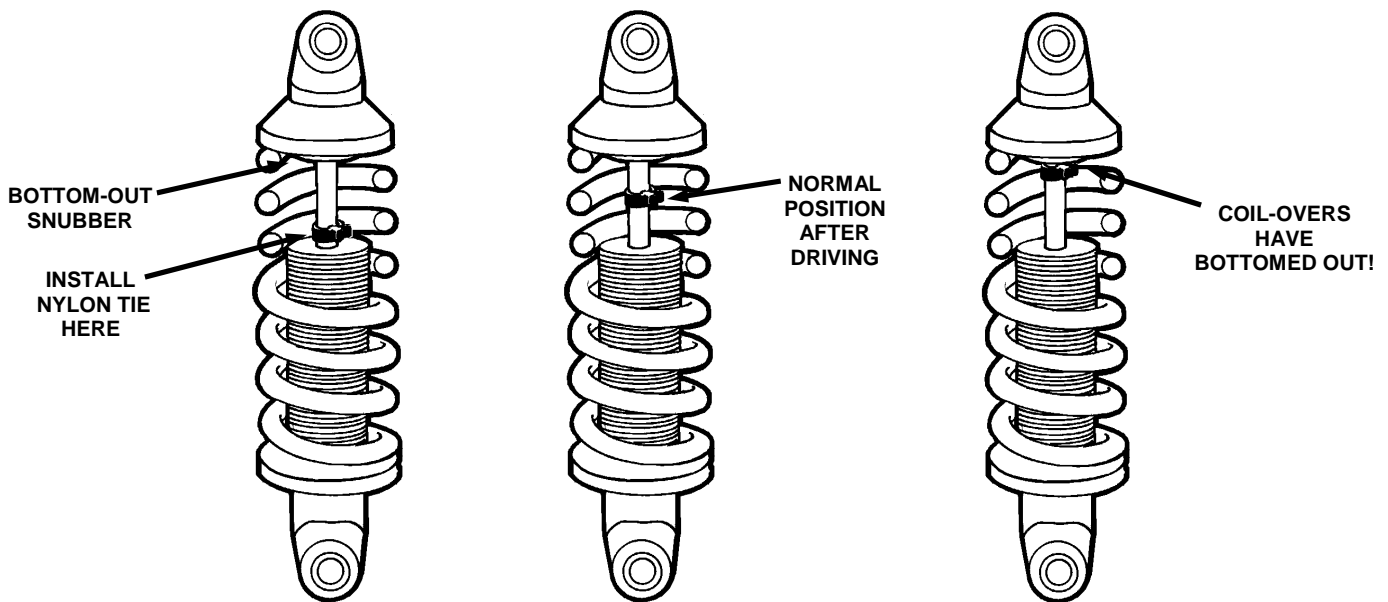


WARNING!

COIL-OVER SHOCKS AND SPRINGS MUST BE SET UP PROPERLY OR BOTTOMING OUT OF THE SHOCKS AND BENT LOWER CONTROL ARMS WILL RESULT!

The shocks are the bottoming out device on independent front suspension. If the ride height of the suspension is adjusted too low by lowering the coil-overs, there will be very little travel left in the shocks, which will cause them to bottom out. Also, too soft of a spring will also allow too much travel in the suspension and the shocks will bottom out. When they do, they limit, or stop the movement of the lower control arms. The repeated force from constantly hitting bumps when the lower control arms cannot move or travel to absorb the movement will eventually bend the arms. To test your shocks for adequate travel, look at the diagrams below. Attach a small, nylon cable tie tightly to the shock shaft right above the shock body on both shocks. Drive around the block a couple of times. Now, look at the position of the cable ties. If it is about half way up the shock shaft, then your suspension is set properly. If it is all the way at the top, that means that the shocks traveled all the way up to their fully compressed position, or "Bottomed Out". If that is the case, you will probably realize that you did not feel the bottom out. Now you can see how easily this problem can occur, and how important it is to correct. You will have to either raise up the adjustment on the coil-overs, or install stiffer springs. If you continue to drive around bottoming your shocks, you will eventually bend your lower control arms. Most street rod manufacturers will not warranty bent lower arms for this reason.



HEIDTS
HOT ROD & MUSCLE CAR PARTS