

Inspection Report of Ford Scissor Jack
RE: VOQ 10330290
5/4/2011

This inspection of a Ford scissors jack was performed in response to VOQ # 10330290 which was submitted on May 13, 2010 by [REDACTED] of Beavercreek, Ohio.

During the inspection, [REDACTED] stated that this was the first time this jack had been used. She realized that the left front tire was leaking and pulled onto a level concrete gas station apron to change the tire. Even though the pictorial instructions on the jack show to set the parking brake and chock the wheels, she stated that she did not do either before jacking up the vehicle. As soon as the tire was off the ground, the jack collapsed sideways and the vehicle rolled forward. The flat tire had not been removed yet so the vehicle fell back onto the flat tire and wheel. There were no injuries but her invalid son and his wheelchair were in the vehicle at the time.

Photos of the failed jack are provided on the following pages. They document the method of failure as well as the original design of the jack. The jack was designed with slots, rather than holes, for the load-bearing pins that squeeze the ends of the jack together to raise the middle of the jack. This method of construction utilizes bending, rather than shearing, to prevent jack failure from side loading as occurred in this instance.











