

EZSLAM

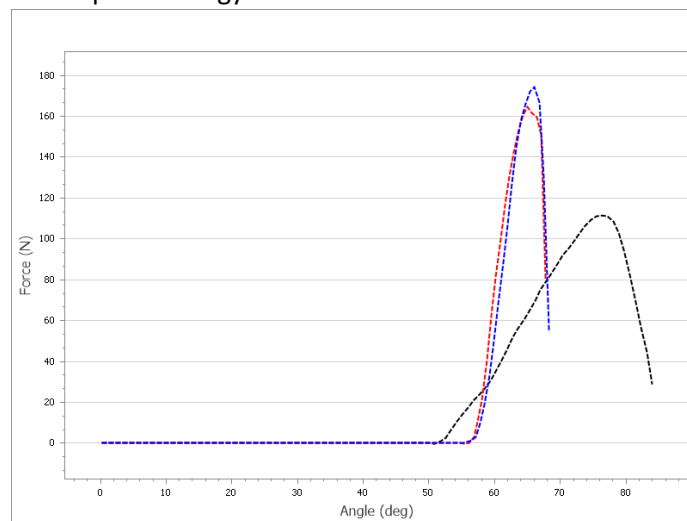
INSTALLATION/SOFTWARE/USAGE

Q: Question

What is the reason for the high pulse force?

A: Answer

By definition the pulse force would be the force applied during a slam on the open door, and eventually provide the total pulse energy to slam the door.



The above graph shows in blue and red Car 1 (left and right) and the black is Car 2.

The pulse (most likely due to the irregular door check profile) on Car 1 is much higher but shorter. The more constant force on the check at the beginning of the motion resulted in a lower but longer pulse.

When looking at the closing force curve (Closing sweep) one does see much longer peaks in the black curve, while the blue and red show short 'sharp' peaks. The sensation will certainly be different and the short peaks will motivate to push short and hard, while the longer peaks might be more inviting to push less hard but a little longer.

