Introducing 4N6XPRT StifCalcs®. A program which puts the NHTSA Crash Test database at your fingertips with no need to access the internet in order to obtain Stiffness Values!

In addition to the NHTSA Crash Test data, the program includes a “Similar Vehicle Reader”. Initially developed in cooperation with Greg Anderson and maintained by 4N6XPRT Systems starting with the 2013 version, the reader allows quick retrieval of vehicles similar to the desired vehicle. The Reader drives the initial selection of the available tests. Alternatively, we have an ADVANCED SEARCH module which allows the creation of “CLASS” vehicles.

STIFFNESS DATA, based on the selected test or test grouping is automatically calculated based on the reported crush depths and lengths within each test.

The User can - WITHOUT the need for the internet:

- Lookup individual tests and get basic front, side, or rear STIFFNESS VALUES from the selected test. The values are based on the reported crush depths and lengths within each test.
BASIC VEHICLE CRASH TEST SEARCH

Select the desired vehicle through our SIMILAR VEHICLE READER.

Once the desired vehicle is found/selected, click on the Test Selection tab. From here, select the test to be viewed.

Once a test is selected, the available data for the Test, Occupant(s), Vehicle(s), and Stiffness data can be viewed. The stiffness values are automatically generated from the available test data.

"CLASS" VEHICLE CRASH TEST SEARCH

Using the ADVANCED SEARCH tab, you can also create a CLASS of vehicle for when there are no tests available for the specific vehicle and test type. To create a class of REAR IMPACT stiffness values for the Lincoln, first set the weight range, body style, and test type, then search the database, when you have a sufficient number of tests (that is, more than one or two) that have been found, click the PRINT button:

Now Set your calculation parameters - No Damage Speed, Crush Depth, Indentation (Crush) Length, Speed, then view your results, and if desired, print them to hard copy.

The program will calculate the AVERAGE, MINIMUM, MAXIMUM, and Standard Deviation of the Stiffness Values calculated based upon the parameters you set in the preceding step.
Dear Customer,

Due to the governments desire (both U.S. & California) to “protect us” we will need the following information from you in order to process your credit card(s). Please complete this form and return it with your order.

Card type: Am. Express / Visa / MasterCard
Card Number: ________________________________
Expiration Date (MM/YY): ___/___

Security code (card ID) on back of Visa/MasterCard card or front of American Express Card:

Address for where the credit card bill is sent:

(This is the address number - for instance, ours would be 8387 University Avenue - that the credit card bill would go to, not where we would send the data or product to)

City/State/Zip for where the credit card bill is sent:

( - for instance, ours would be La Mesa, CA 91941 - that the credit card bill would go to, not where we would send the data or product to)

Authorized signature: ________________________________

We appreciate your cooperation in supplying us with this information and understanding that it is being required of us to obtain the information.

Sincerely,

[Signature]
Daniel W. Vomhof III
General Manager/Technical Support

A Division of Expert Witness Services, Inc.