

4N6XPRT StifCalcs™

Quick Tutorial on the program basics

To move through the screens, click your mouse, press the Enter key, or use your *RIGHT ARROW* key to move forward and your *LEFT ARROW* key to back up.

4N6XPRT StifCalcs™

Test Selection Checklist

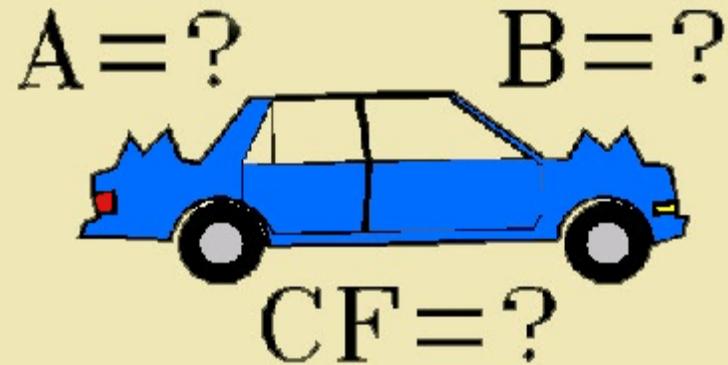
1. On the BASIC VEHICLE SELECTION page, select **YEAR**, then **MAKE**, then **MODEL**, then **VEHICLE**.
2. Click on the NHTSA TEST SELECTION tab.
3. Click on the desired vehicle crash test
4. Use the buttons (Test, Occupant, Vehicle, and Stiffness) to view specific pages
5. Print out a report by clicking on the “**Print Reports**” in the top bar, then selecting the desired report(s)

You can also use the ADVANCED VEHICLE SEARCH tab as an alternative/supplement to the BASIC VEHICLE SEARCH tab to find your vehicles.

1. Enter Search Criteria
2. Click on the SEARCH button
3. Click on a VEHICLE
4. Proceed with Step 3 of the BASIC VEHICLE SELECTION checklist

For additional, more detailed steps, see the following pages.

4N6XPRT StifCalcs



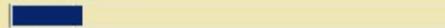
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Version 1.2

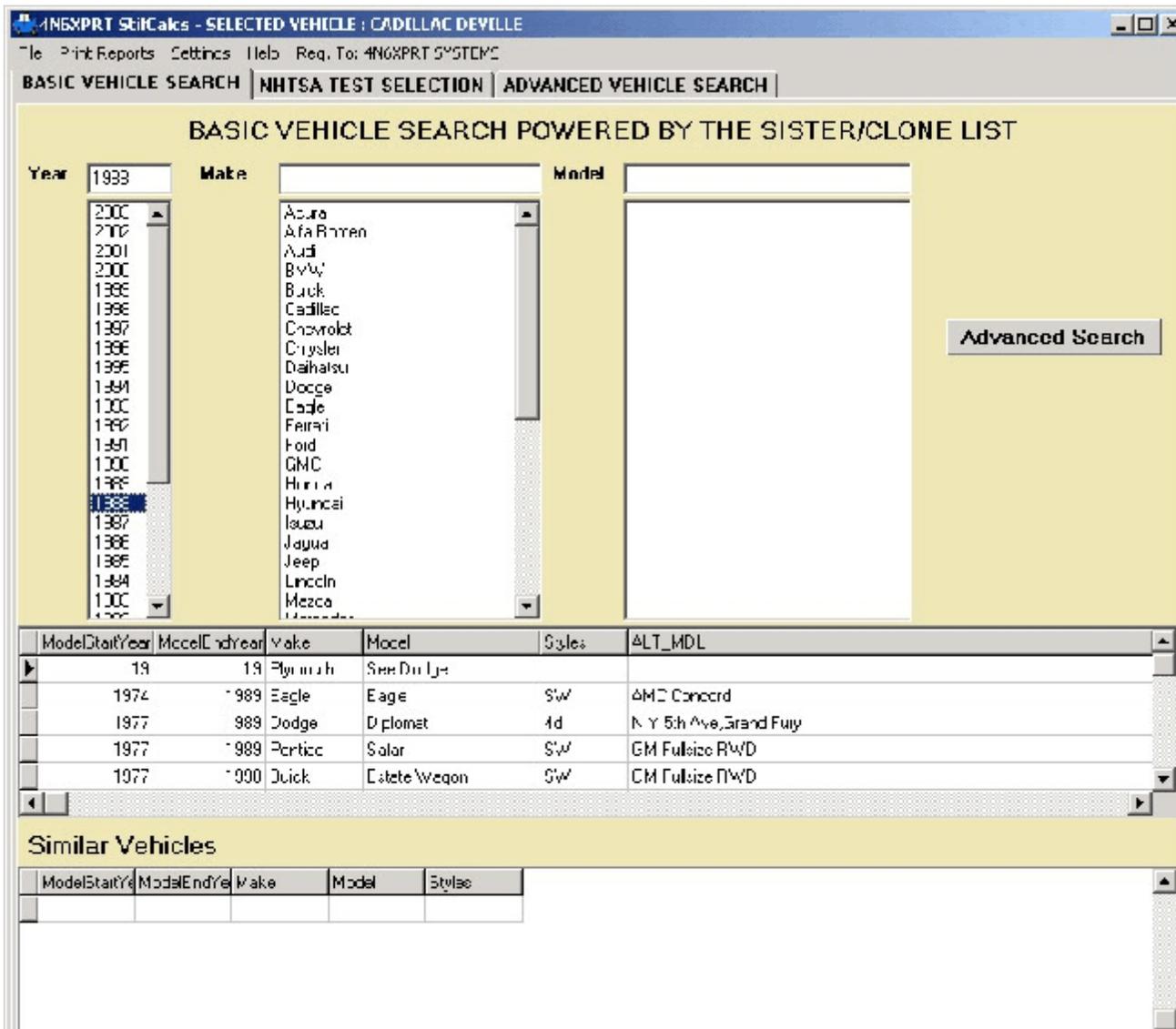
This copy is licensed to 4N6XPRT SYSTEMS

Serial Number: 03R-0302015C01301

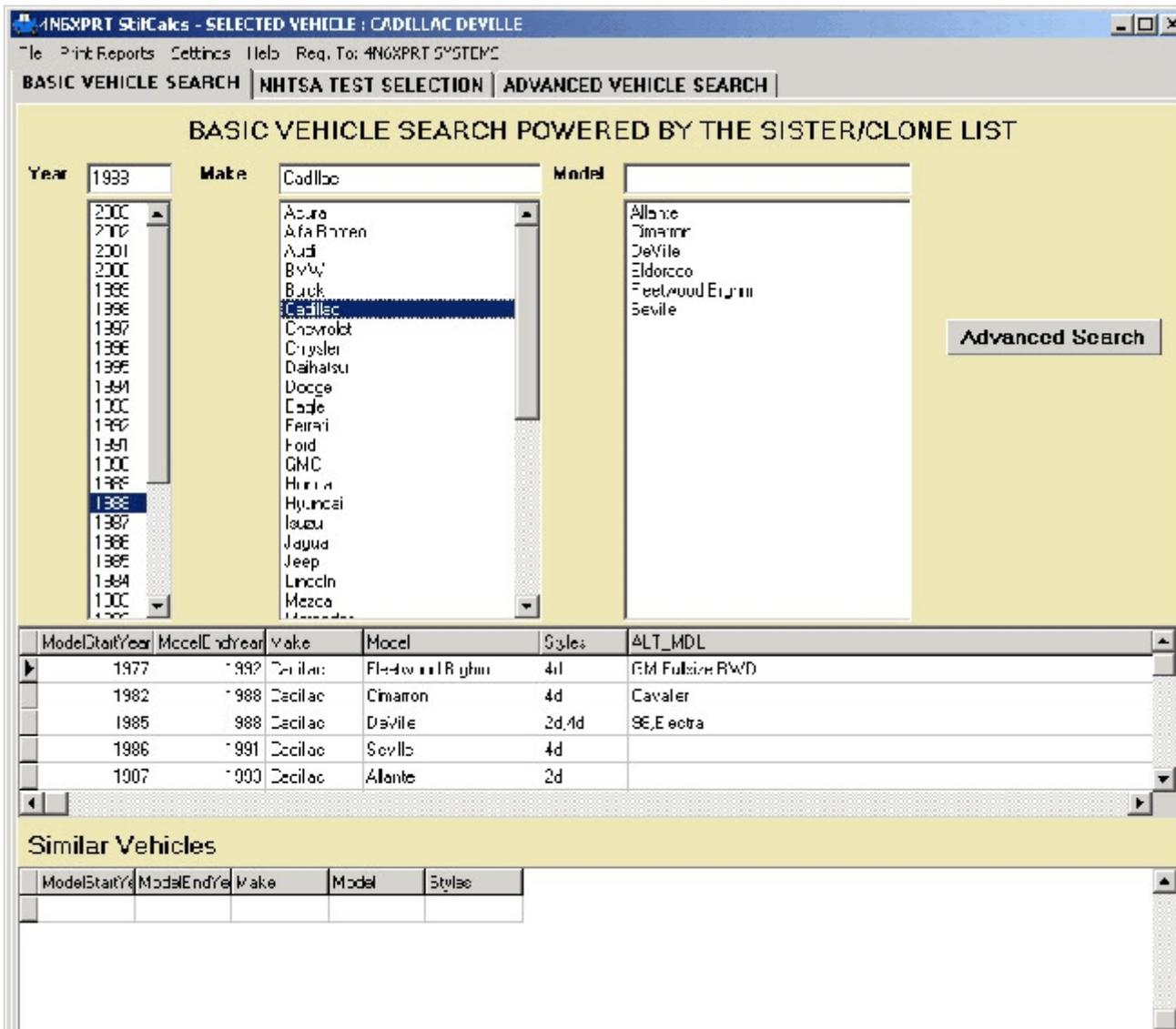
Loading ..



The opening Splash Screen shows:
the loading progress,
to whom the program is registered,
and the program serial number.



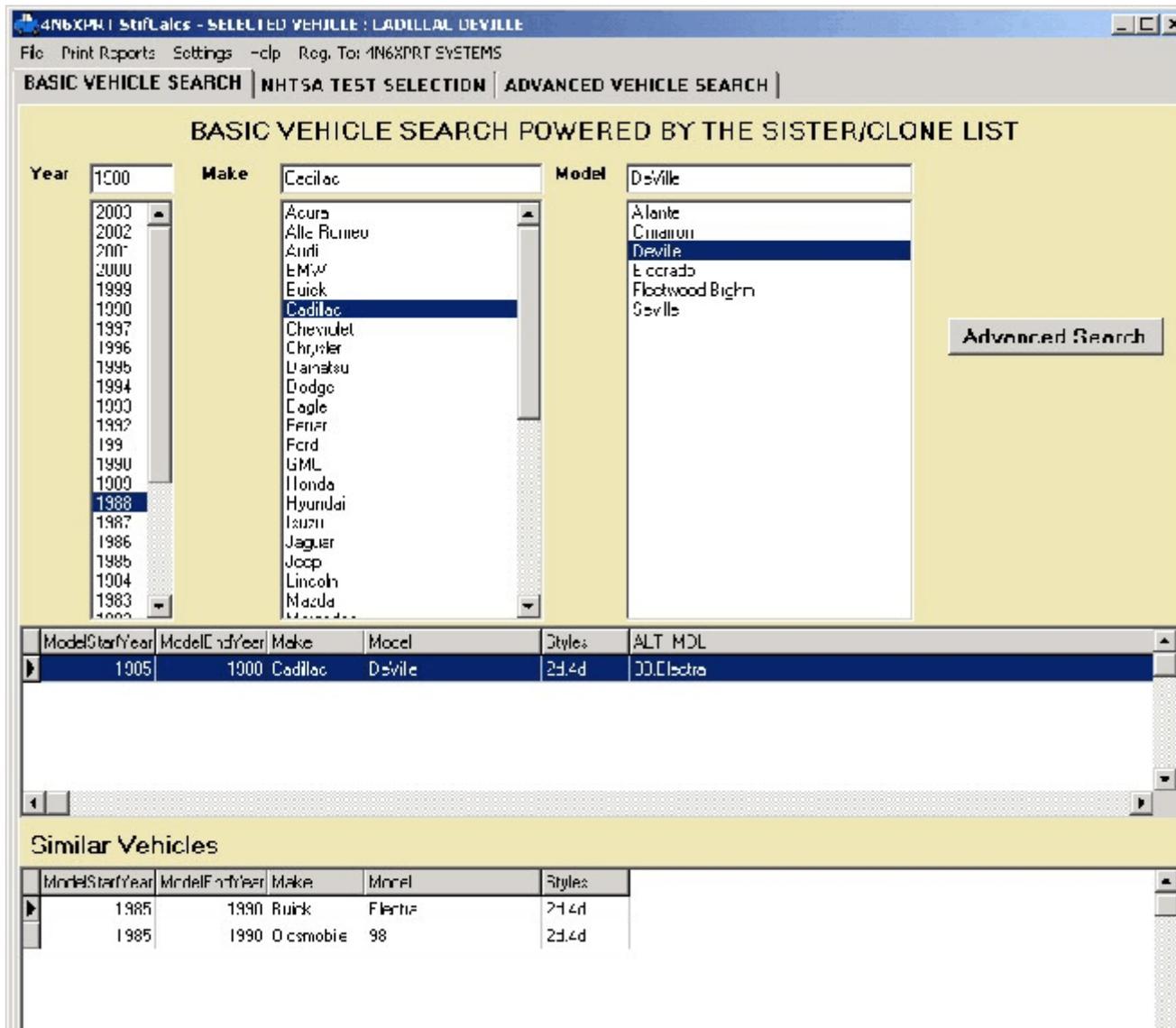
From the BASIC VEHICLE SEARCH tab you select
- Year



From the BASIC VEHICLE SEARCH tab you select

- Year

- **Manufacturer**



From the BASIC VEHICLE SEARCH tab you select

- Year
- Manufacturer
- **Model, then finally click on the vehicle in the “model” box**
- **To see the available NHTSA tests, click on the NHTSA TEST SELECTION tab.**

INEXPERT StCals - SELECTED VEHICLE : CADILLAC DEVILLE

File Print Reports Settings Help Req. To: INEXPERT SYSTEMS

BASIC VEHICLE SEARCH **NHTSA TEST SELECTION** ADVANCED VEHICLE SEARCH

Available Tests: Test Information Occupant Information Vehicle Info Stiffness Calc

Available Tests in the NHTSA database for a 1985 - 1988 CADILLAC DEVILLE

Modify Year Range

Frontal Test(s)

Test Number	Year	Make	Model	Impact Speed	Max Crush	Crush Factor	VDI	PDOF	Test C
700	1985	EUICK	ELECTFA	34.0	30.0	15.0	12FDEW3	0	v
1131	1988	EUICK	ELECTFA	34.5	31.5	15.5	12FDEW3	0	v

Modify Year Range

Rear Test(s)

NO REAR TESTS 1985-1988

Modify Year Range

Side Test(s)

Test Number	Year	Make	Model	Impact Speed	Max Crush	Crush Factor	VDI	PDOF	Test C
1070	1985	EUICK	ELECTFA	20	0	0	933CE99	90	IMFA
1031	1985	EUICK	ELECTFA	25.4	0	0	933CE99	90	IMFA
1034	1985	EUICK	ELECTFA	26	0	0	933CE99	90	IMFA
1035	1985	EUICK	ELECTFA	25.5	0	0	933CE99	90	IMFA
1037	1985	EUICK	ELECTFA	25.2	0	0	933CE99	90	IMFA
1039	1985	OLDSMOBILE	98	24.7	0	0	933CE99	90	IMFA

From the NHTSA TEST SELECTION tab you
- need to select a particular test from those displayed

4N6XPRT SticCalc - SELECTED VEHICLE : 1988 BUICK ELECTRA

File Print Reports Settings Help Req. To: 4N6XPRT SYSTEMS

BASIC VEHICLE SEARCH NHTSA TEST SELECTION ADVANCED VEHICLE SEARCH

Available Tests Test Information Occupant Information Vehicle Info Stiffness Calc

Available Tests in the NHTSA database for a 1985 - 1988 CADILLAC DEVILLE

Modify Year Range

Frontal Test(s)

Test Number	Year	Make	Model	Impact Speed	Max Crush	Crush Factor	YDI	PDF
73E	1985	BUICK	ELECTRA	34.9	30.3	15.8	127DEW3	0
11E1	1988	BUICK	ELECTRA	34.9	31.5	15.5	127DEW3	0

Modify Year Range

Rear Test(s)

NO REAR TESTS 1985-1988

Modify Year Range

Side Test(s)

Test Number	Year	Make	Model	Impact Speed	Max Crush	Crush Factor	YDI	PDF	Test (s)
107E	1985	BUICK	ELECTRA	25	0	0	9E9999	90	IVPA
10F1	1985	BUICK	ELECTRA	25.4	0	0	9E9999	90	IVPA
10E4	1985	BUICK	ELECTRA	25	0	0	9E9999	90	IVPA
10E6	1985	BUICK	ELECTRA	25.5	0	0	9E9999	90	IVPA
10C7	1985	BUICK	ELECTRA	25.2	0	0	0C0000	90	IVPA
10E8	1985	OLDSMOBILE	98	24.7	0	0	9E9999	90	IVPA

From the NHTSA TEST SELECTION tab you

- need to select a particular test from those displayed
- once you have selected a test, you may now view various information for that test

4N6XPRT Software - SELECTED VEHICLE: 1988 BUICK REGAL

File Print Reports Settings Help Reg. ID: 4N6XPRT SYSTEMS

BASIC VEHICLE SEARCH | **NHTSA TEST SELECTION** | **ADVANCED VEHICLE SEARCH**

Available Tests | Test Information | Occupant Information | Vehicle Info | Stiffness Labels

Test Information

Test # NHTSA Test Reference June Version # Test Date Contract #

Contract/Study Title

Test Objective(s)

Test Type Configurator

Closing Speed Km/Hr MPH

Impact Angle Offset Distance mm inches Side Impact Point mm inches

Test Facility Test Reference #

Test Track Surface Condition Ambient Temperature C F

Data Recorder Type Data Link Total Number of Curves

Test Commentary

Fixed Barrier Information

Barrier Type Barrier Shape Barrier Angle

Barrier Commentary

Such as the TEST information, description, title, etc.

4N6XPRT SFI Calc SELECTED VEHICLE: 1988 BUICK ELECTRA

File Print Reports Settings Help Reg. To 4N6XPRT SYSTEME

BASIC VEHICLE SEARCH NHTSA TEST SELECTION ADVANCED VEHICLE SEARCH

Available Tests: [Occupant Information] [Vehicle Info] [Skillness Calc]

Select Occupant Location

Left Front Right Front

Head Chest Legs

Restraints



LEFT FRONT SEAT

Test #: 1151 Vehicle #: Occupant Location: LEFT FRONT SEAT Occupant Seat Position: CENTER POSITION

Occupant Type: AHT 5/2 DUMM Sex: MALE Age: Size Percentile: 5J P=PERCENTILE Calibration Method: PA-1 5/2

Occupant Height: mm U inches Weight: kg U pounds

Occupant Manufacturer: GILDEFORD SA 100*

Occupant Modification: NO COMMENTS

Occupant Description: NO COMMENTS

Occupant Commentary: NO COMMENTS

Head

Head to -

Windshield Header: 490 mm 19.3 inches

Windshield: 592 mm 23.3 inches

Seatback: mm 0 inches

Neck to Seatback: mm 0 inches

Head to -

Side Header: 165 mm 6.5 inches

Side Window: 249 mm 9.8 inches

First Contact Region (Head): STIFFENING W/HEAT HIF

Second Contact Region (Head): STIFFENING W/HEAT R M

Head Injury Criteria (HIC): 1467 -HIC Lower Time Interval (ms): 88.65 -HIC Upper Time Interval (ms): 93.40

Such as the OCCUPANT information, description, loads, etc.

4N6XPRT StiffCalcs - SELECTED VEHICLE: 1988 BUICK ELECTRA

File Print Reports Settings -help Reg. Id: 4N6XPK SYS EMS

BASIC VEHICLE SEARCH NHTSA TEST SPECIFICATION ADVANCED VEHICLE SEARCH

Available Tests Test Information Occupant Information Vehicle Info Stiffness Calc

Pre/Post Vehicle Depth Damage Front Distance Depth Maximum Vehicle Depth

Step 1 Vehicle Width Vehicle Indent Trapezoidal Average Simple Average

1988 BUICK ELECTRA
NHTSA Crash Test # 1191 Front

A - B - G Values Crush Factor (CF)

Given: Vehicle Test Weight - 3856 pounds
Test Crush Length - 64.7 inches
Vehicle Closing Speed 31.9 mph

Pre/Post Collision Crush Depths (inches)

(Driver Side)	Left side crush	Centerline crush	Right side crush	(Pass. Side)
	27.5	31.5	32.2	

Minimum Crush - 27.5 inches

Using a Rated No Damage Speed of		A	B	G
2.5 mph		141.4	66.7	150
5 mph		291.1	66.6	599.9
7.5 mph		399.9	47.7	1349.7
10 mph		474.9	39.4	2399.4

Average Crush - 29.9 inches

Using a Rated No Damage Speed of		A	B	G
2.5 mph		130.1	56.4	150
5 mph		240.1	48.1	599.9
7.5 mph		330.1	40.4	1349.7
10 mph		400	33.3	2399.4

Maximum Crush = 31.5 inches

Using a Rated No Damage Speed of		A	B	G
2.5 mph		120.5	50.0	150
5 mph		227.0	43.0	599.9
7.5 mph		313.3	36.4	1349.7
10 mph		375.7	30	2399.4

Rated No Damage Speed = Impact speed with a barrier
A = Maximum force per inch of damage without permanent damage, Exin
B = Maximum force per inch of damage with 1/8 in

The Stiffness Calculation tab allows you to see stiffness values based on the
- **Pre/Post test measurements** (Pre/Post depth, Vehicle Width, Trapezoidal Average)

4NXPRT STiffCalc - SELECTED VEHICLE: 1988 BUICK ELECTRA

File Print Reports Settings Help Reg. To: 4NXPRT SYSTEMS

BASIC VEHICLE SEARCH **NHTSA TEST SELECTION** **ADVANCED VEHICLE SEARCH**

Available Tests Test Information Occupant Information Vehicle Info **Stiffness Calc**

Pre/Post Vehicle Depth Damage Profile Distance Decline Maximum Vehicle Depth

Step 1 Vehicle Width Vehicle Incent Trapezoidal Average Simple Average

1988 BUICK ELECTRA **A - B - G Values** **Crush Factor (CF)**

Given NHTSA Crash Test # 1191 Front

Vehicle Test Weight - 3855 pounds

Test Crush Length - 34.4 inches

Vehicle Closing Speed 24.0 mph

Damage Profile Distance Crush Depths (inches)

	DPD1	DPD2	DPD3	DPD4	D-DE	DPD5	
(Driver side)	27.5	29.7	31.3	31.5	30.8	29.2	(Pass. Side)

Calculated Stiffness Coefficients

	A	B	G
Minimum Crush - 27.5			
Using a Rated No Damage Speed of 25 mph	141.4	65.7	150
Using a Rated No Damage Speed of 5 mph	271.1	57.0	507.0
Using a Rated No Damage Speed of 7.5 mph	358.9	47.7	1343.7
Using a Rated No Damage Speed of 10 mph	434.9	39.4	2399.4
Average Crush - 30.3			
Using a Rated No Damage Speed of 25 mph	128.2	54.8	150
Using a Rated No Damage Speed of 5 mph	238.7	45.7	599.9
Using a Rated No Damage Speed of 7.5 mph	325.4	37.2	1343.7
Using a Rated No Damage Speed of 10 mph	394.9	29.4	2399.4
Maximum Crush - 31.5			
Using a Rated No Damage Speed of 25 mph	120.5	53.0	150
Using a Rated No Damage Speed of 5 mph	277.9	43.9	599.9
Using a Rated No Damage Speed of 7.5 mph	313.3	35.1	1343.7
Using a Rated No Damage Speed of 10 mph	375.7	27.0	2399.4

The Stiffness Calculation tab allows you to see stiffness values based on the - **DPD test measurements** (Damage Profile Depth, Vehicle Width, Trapezoidal Average)

4NXPRT 5107.xls - SELECTED VEHICLE: 1988 BUICK ELECTRA

File Print Reports Settings Help Reg. To: 4NXPRT SYSTEMS

BASIC VEHICLE SEARCH **NHTSA TEST SELECTION** **ADVANCED VEHICLE SEARCH**

Available Tests Test Information Occupant Information Vehicle Info **Stiffness Tests**

Pre/Post Vehicle Depth Damage Profile Distance Depths **Maximum Vehicle Depth**

Step 1 Vehicle Width Vehicle Indent

1988 BUICK ELECTRA **A - B - G Values** **Crush Factor (CF)**

NHTSA Crash Test # **1191** **Front**

Given:

Vehicle Test Weight - 3855 pounds

Vehicle Usage Speed 34.9 mph

Test Crush Length - 34.4 inches

Reported Maximum Crush Depth (inches)

(Driver Side) **Maximum 31.5** (Pass Side)

Maximum Crush - 31.5

	A	B	G
Using a Rated No Damage Speed of 2.5 mph	125.5	51.8	150
Using a Rated No Damage Speed of 5 mph	227.0	43.0	500.0
Using a Rated No Damage Speed of 7.5 mph	315.3	35.4	1343.7
Using a Rated No Damage Speed of 10 mph	375.7	30	2393.1

Rated No Damage Speed - Impact speed with a barrier resulting in no permanent vehicle deformation.

Normal "Rated No Damage Speed" is 2 mph. Some specific vehicles may, however, have a higher rating.

The Stiffness Calculation tab allows you to see stiffness values based on the
- **Maximum Crush test measurement, (Max depth, Vehicle Width)**
When they are recorded/reported by NHTSA

4NXPRT S10Tals - SELECTED VEHICLE: 1988 BUICK ELECTRA

File Print Reports Settings Help Reg. To: 4NXPRT SYSTEMS

REPORT ADVANCED VEHICLE SEARCH

Information Vehicle Info Stiffness Data

Crush Depth Maximum Vehicle Depth

Vehicle Indent

1988 BUICK ELECTRA **A - B - G Values** **Crush Factor (CF)**

NHTSA Crash Test # 1191 Front

Vehicle Test Weight - 3855 pounds Vehicle Usage Speed 34.8 mph

Test Crush Length - 34.4 inches

Reported Maximum Crush Depth (inches)

(Driver Side) Maximum (Pass Side)

Maximum Crush - 31.5

	A	B	G
Using a Rated No Damage Speed of 2.5 mph	125.5	51.8	150
Using a Rated No Damage Speed of 5 mph	227.0	43.0	500.0
Using a Rated No Damage Speed of 7.5 mph	315.3	35.4	1343.7
Using a Rated No Damage Speed of 10 mph	375.7	30	2393.1

Rated No Damage Speed - Impact speed with a barrier resulting in no permanent vehicle deformation.

Normal "Rated No Damage Speed" is 2 mph. Some specific vehicles may, however, have a higher rating.

The Print Report menu selection along the top allows you to print out selected pages

4NXPRT S11Tals - SELECTED VEHICLE: 1988 BUICK ELECTRA

File Print Reports Settings Help Reg. To: 4NXPRT SYSTEMS

REPORT ADVANCED VEHICLE SEARCH

Information Vehicle Info Stiffness Calc

Crush Depth Maximum Vehicle Depth

Vehicle Width - Closing Speed
 Vehicle Width - KE Speed
 Vehicle Indent - Closing Speed
 Vehicle Indent - KE Speed

ALL

1988 BUICK ELECTRA
 NHTSA Crash Test # 1191 Front

A - B - G Values Crush Factor (CF)

Vehicle Test Weight - 3855 pounds
 Vehicle Closing Speed 34.9 mph

Test Crush Length - 34.4 inches

Reported Maximum Crush Depth (inches)

(Driver Side) Maximum (Pass Side)

31.5

Maximum Crush - 31.5

Using a Rated No Damage Speed of	2.5 mph	125.5	51.8	150
Using a Rated No Damage Speed of	5 mph	227.0	43.0	500.0
Using a Rated No Damage Speed of	7.5 mph	315.3	35.4	1343.7
Using a Rated No Damage Speed of	10 mph	375.7	30	2393.1

Rated No Damage Speed - Impact speed with a barrier resulting in no permanent vehicle deformation.

Normal "Rated No Damage Speed" is 2 mph. Some specific vehicles may, however, have a higher rating.

The Print Report menu selection along the top allows you to print out selected pages
- Specific Stiffness Calculation Pages

4NXPRT S11Tals - SELECTED VEHICLE: 1988 BUICK ELECTRA

File Print Reports Settings Help Reg. To: 4NXPRT SYSTEMS

REPORT ADVANCED VEHICLE SEARCH

Information Vehicle Info Stiffness Data

Crush Depth Maximum Vehicle Depth

Vehicle Indent

1988 BUICK ELECTRA **A - B - G Values** **Crush Factor (CF)**
 NHTSA Crash Test # 1191 Front

Vehicle Test Weight - 3855 pounds Vehicle Usage Speed 34.9 mph

Test Crush Length - 34.4 inches

Reported Maximum Crush Depth (inches)
 Maximum 31.5

(Driver Side) (Pass Side)

Maximum Crush - 31.5

	A	B	G
Using a Rated No Damage Speed of 2.5 mph	125.5	51.8	150
Using a Rated No Damage Speed of 5 mph	227.0	43.0	500.0
Using a Rated No Damage Speed of 7.5 mph	315.3	35.4	1343.7
Using a Rated No Damage Speed of 10 mph	375.7	30	2393.1

Rated No Damage Speed - Impact speed with a barrier resulting in no permanent vehicle deformation.

Normal "Rated No Damage Speed" is 2 mph. Some specific vehicles may, however, have a higher rating.

The Print Report menu selection along the top allows you to print out selected pages
- The complete report

4NGXPRT StiffCalc - SELECTED VEHICLE: 1988 BUICK ELECTRA

File Print Reports Settings Help Reg. To: 4\NGXPRT SYSTEME

SELECTION: ADVANCED VEHICLE SEARCH

Foundation Vehicle Info Stiffness Calc

Crush Depths Maximum Vehicle Depth

Vehicle Info

1988 BUICK ELECTRA
 NHTSA Crash Test # 1191 Front

A - B - G Values Crush Factor [CHI]

Vehicle Test Weight = 3856 pounds
 Test Crush Length = 64.4 inches
 Vehicle Closing Speed = 34.9 mph

Reported Maximum Crush Depth (inches)

Driver Side Maximum Passenger Side

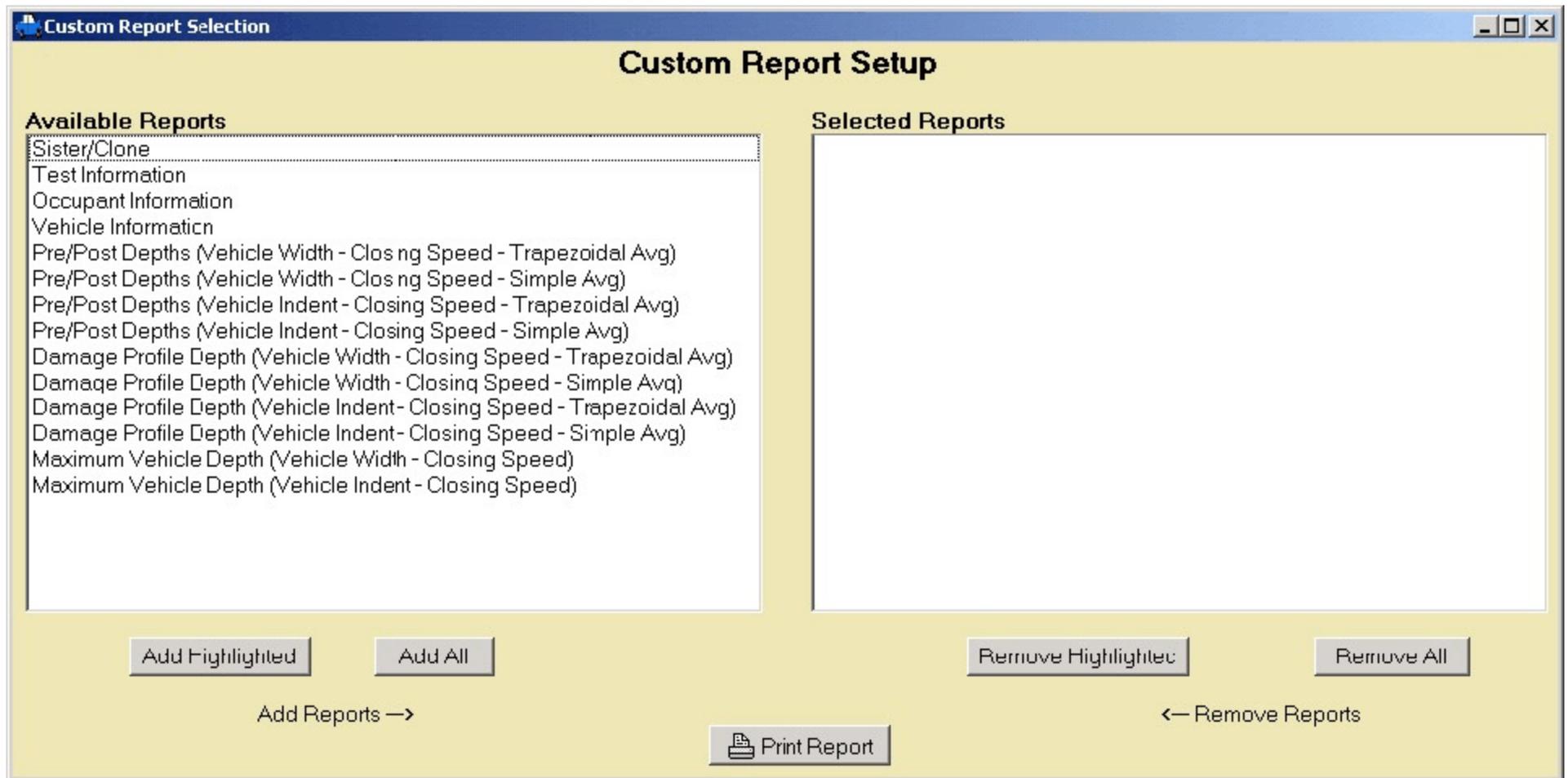
Maximum Crush - 31.5

	A	B	G
Using a Barrier, No Damage Speed of 2.5 mph	120.5	50.0	15.0
Using a Barrier, No Damage Speed of 5 mph	227.0	40.0	300.0
Using a Barrier, No Damage Speed of 7.5 mph	313.3	36.4	1345.7
Using a Barrier, No Damage Speed of 10 mph	379.7	30	2355.4

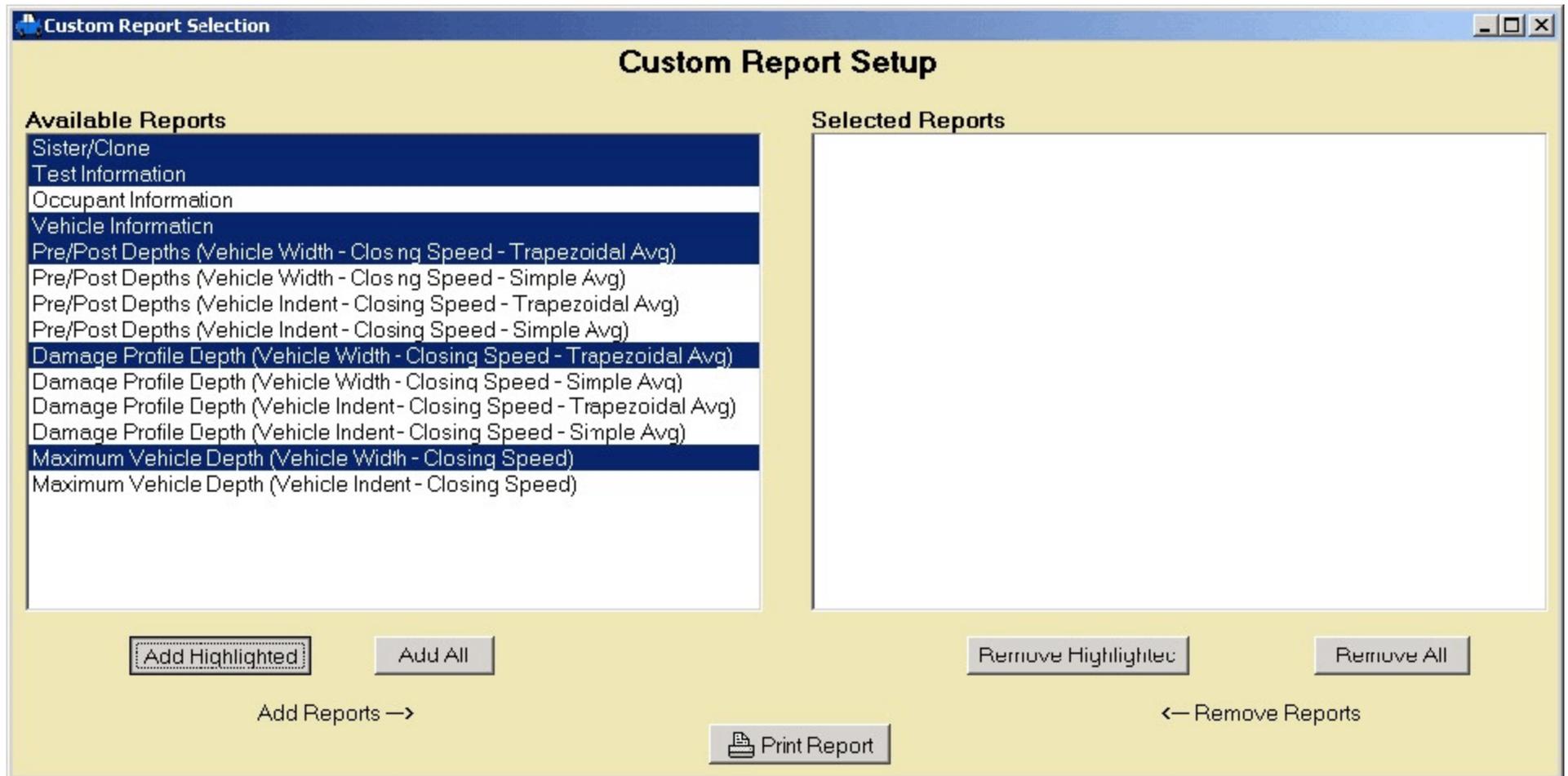
Rated No Damage Speed - impact speed with a barrier resulting in no permanent vehicle deformation

Normal "Rated No Damage Speed" is 2 mph. Some specific vehicles may, however, have a higher rating

The Print Report menu selection along the top allows you to print out selected pages - or a **“Custom Report”**

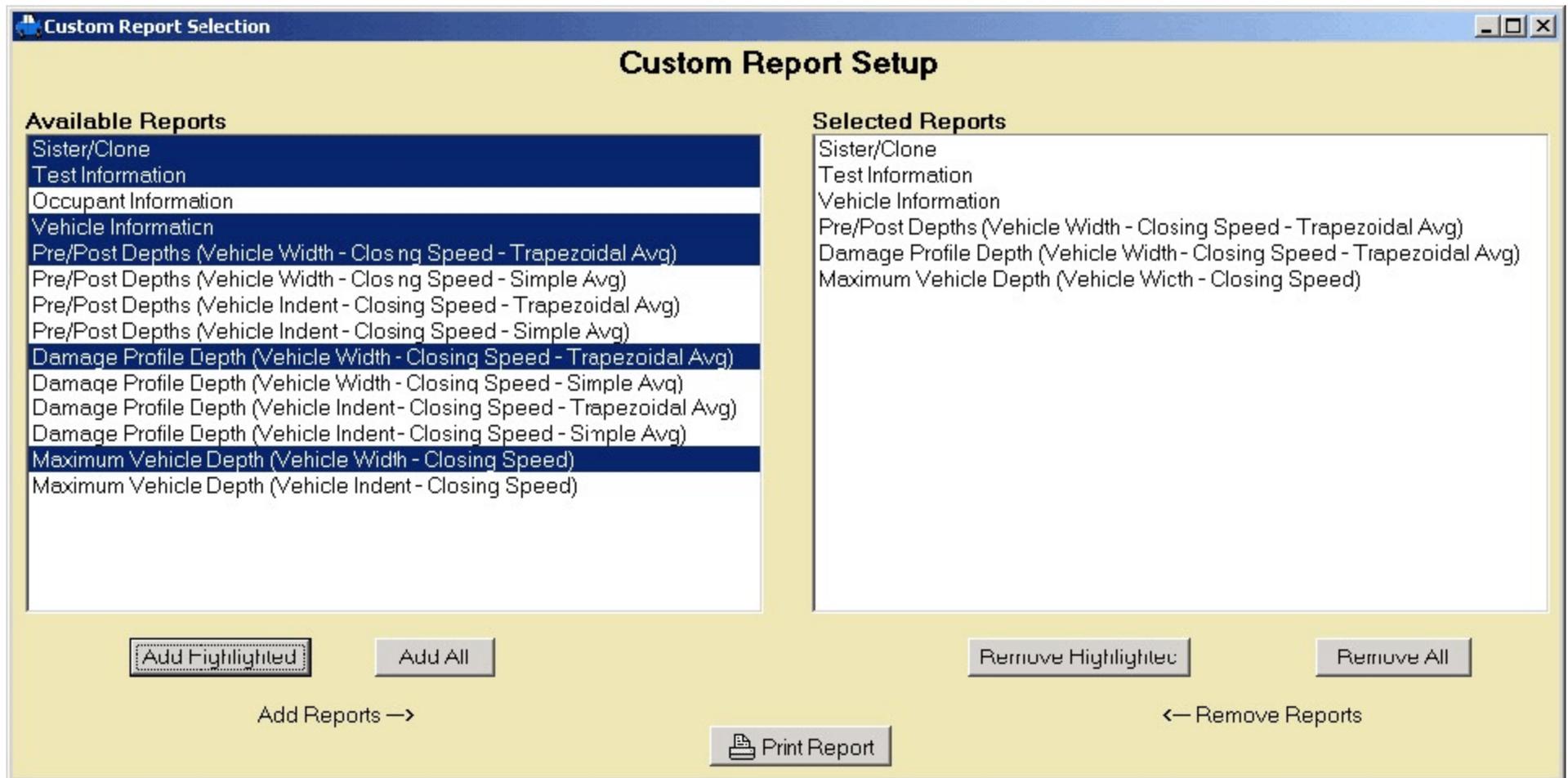


From the Custom Report screen



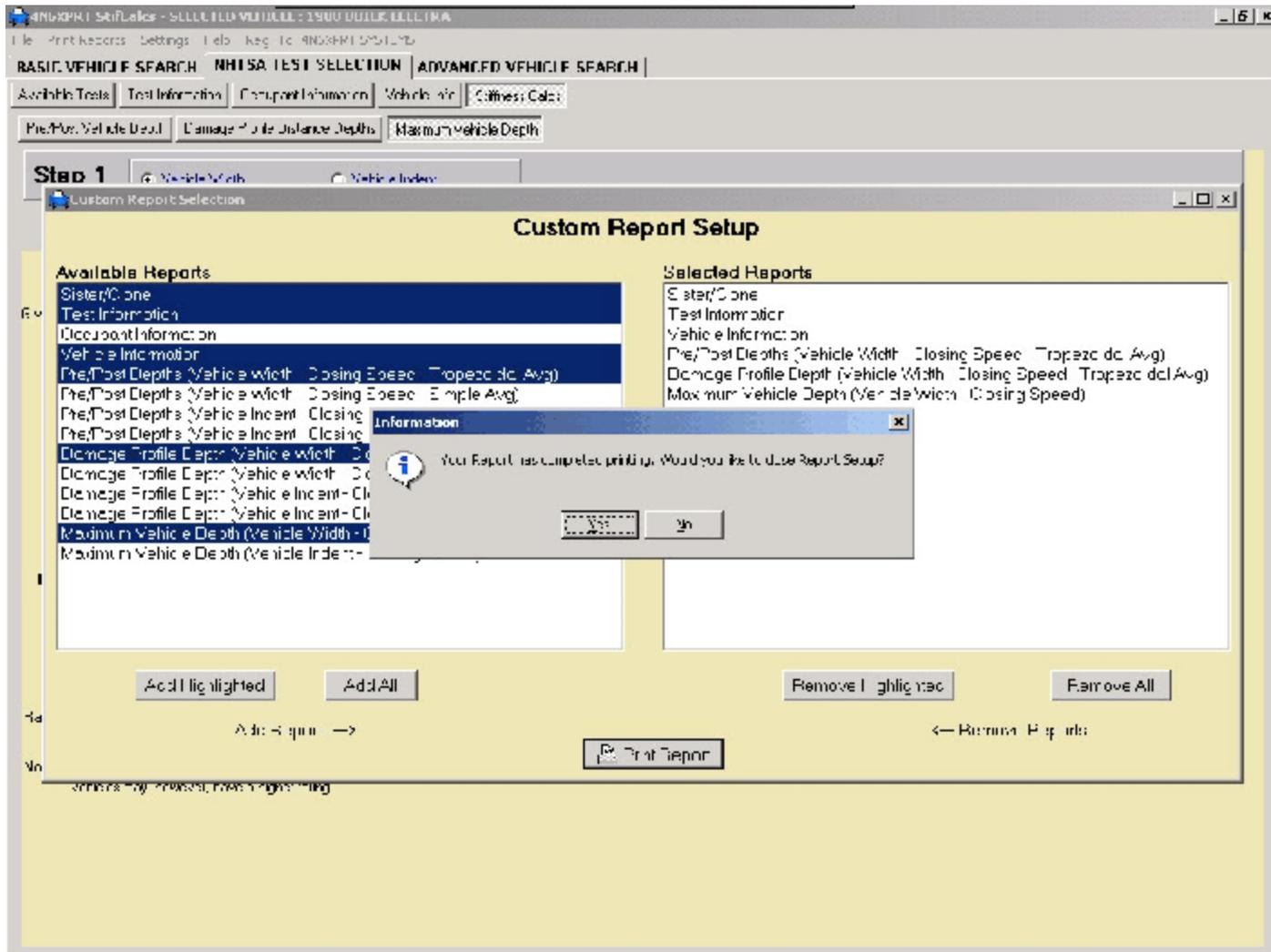
From the Custom Report screen

- **Highlight one or more pages using your mouse and the Control/Shift keys**
- **Click the "ADD HIGHLIGHTED" button**



From the Custom Report screen

- Highlight one or more pages using your mouse and the Control/Shift keys
- Click the "ADD HIGHLIGHTED" button
- **And your report is ready to print. Click the "PRINT REPORT" button**



From the Custom Report screen

- Highlight one or more pages using your mouse and the Control/Shift keys
- Click the “ADD HIGHLIGHTED” button
- And your report is ready to print. Click the “PRINT REPORT” button

The program lets you know when the print job has been sent to the printer. Click on the “YES” button and you will be returned to the screen you were on when you started the PRINT REPORTS print job.

IP6XPRT 5.01 Calc - SELECTED VEHICLE : 1986 BUICK ELECTRA
 File Print Reports Settings Help Reg. To 4MS-FET SYSTEMS

BASIC VEHICLE SEARCH | **NHTSA TEST SELECTION** | **ADVANCED VEHICLE SEARCH**

Advanced Search

Enter as much information as you have about the type of vehicle you are looking for then click search

Test Number:

Start Year: End Year:

Make: Model: Body Style:

Wheel Base: Min: Max:

Vehicle Length: Min: Max:

Vehicle Weight: Min: Max:

Impact Location: Front Side Rear Other

Conversions: Value:
 MM Inches
 KG LBS

TestNo	Year	Make	Model	Body	Wheelbase	ImpactPoint	Comments

The last tab is the ADVANCED VEHICLE SEARCH tab

4NS/PRT SuiCalc - SELECTED VEHICLE: 1988 BUICK DEVILLE

File Print Reports Settings Help Req. To 4NS/PRT SYSTEMS

BASIC VEHICLE SEARCH | NHTSA TEST SELECTION | **ADVANCED VEHICLE SEARCH**

Advanced Search

Enter as much information as you have about the type of vehicle you are looking for then click search

Test Number

Start Year End Year

Make Model

Body Style

Wheel Base Min Max

Vehicle Length

Vehicle Weight

Impact Location
 Front Side Rear Other

Conversions
 MM Inches
 KG LBS
 Value:
 IN TO MM MM TO IN
 KG TO LBS LBS TO KG

TestNo	YEAR	MAKE	MODEL	BODY	WHEEL BASE	ImpactPoint	COMMENTS
360	1987	CAD	LAC	DEVILLE	70.0	FRONT	NO COMMENTS
1430	1990	CAD	LAC	DEVILLE	70.0	FRONT	COLLAPSE UNDERWAY
2024	1994	CAD	LAC	DEVILLE	70.0	FRONT	STEERING COLUMN COVER
2073	1994	CAD	LAC	DEVILLE	70.0	FRONT	1994 CAD LAC COLLAPSE
2369	1996	CAD	LAC	DEVILLE	70.0	FRONT	ENGINE IS V8
2465	1997	CAD	LAC	DEVILLE	70.0	FRONT	NO COMMENTS
2520	1997	CAD	LAC	DEVILLE	70.0	FRONT	NO COMMENTS
3883	1999	CAD	LAC	DEVILLE	0	FRONT	
3884	1999	CAD	LAC	DEVILLE	0	FRONT	
3885	1999	CAD	LAC	DEVILLE	0	FRONT	
3886	1999	CAD	LAC	DEVILLE	0	FRONT	
3887	1999	CAD	LAC	DEVILLE	0	FRONT	
3888	1999	CAD	LAC	DEVILLE	0	FRONT	
3889	1999	CAD	LAC	DEVILLE	0	FRONT	
3890	1999	CAD	LAC	DEVILLE	0	FRONT	
3891	1999	CAD	LAC	DEVILLE	0	FRONT	
3892	1999	CAD	LAC	DEVILLE	0	FRONT	
3893	1999	CAD	LAC	DEVILLE	0	FRONT	
3894	1999	CAD	LAC	DEVILLE	0	FRONT	
3895	1999	CAD	LAC	DEVILLE	0	FRONT	
3896	1999	CAD	LAC	DEVILLE	0	FRONT	
3897	1999	CAD	LAC	DEVILLE	0	FRONT	
3898	1999	CAD	LAC	DEVILLE	0	FRONT	
3899	1999	CAD	LAC	DEVILLE	0	FRONT	
3900	1999	CAD	LAC	DEVILLE	0	FRONT	

The last tab is the **ADVANCED VEHICLE SEARCH** tab
 - It can be as simple as searching for **ALL** of the **DEVILLE** tests in the **NHTSA** database

4N63PRT SLICalcs - SELECTED VEHICLE : CADILLAC DEVILLE

File Print Reports Settings Help Reg. ID: 4N63PRT000100

BASIC VEHICLE SEARCH | NHTSA TEST SELECTION | **ADVANCED VEHICLE SEARCH**

Advanced Search

Enter as much information as you have about the type of vehicle you are looking for then click search

Test Number:

Start Year: Min: Max:

End Year: Wheel Base: Conversions: Value:

Make: Vehicle Length: MM Includes Answer:

Model: Vehicle Weight: KG LBS

Body Style: Impact Location: Front Side Rear Other

TestNo	YEAR	MAKE	MODEL	BODY	WHEELBASE	ImpactPoint	COMMENTS
755	1990	CADILLAC	DEVILLE	FR FR DOOR SED	1064	Front	NO COMMENTS
1438	1990	CADILLAC	DEVILLE	FLJF DUL4 SED	2988	Front	DOORBELT IS UNFASTENED
2734	1994	CADILLAC	DEVILLE	FR FR DOOR SED	2950	Front	STEERING COLUMN COEFF
2738	1994	CADILLAC	DEVILLE	FLJF DUL4 SED	2919	Side	TEST LAB LADDED ON DEV
2759	1996	CADILLAC	DEVILLE	FR FR DOOR SED	2954	Front	ENGINE IS OFF
2860	1997	CADILLAC	DEVILLE	FLJF DUL4 SED	2956	Front	NO COMMENTS
2928	1997	CADILLAC	DEVILLE	FR FR DOOR SED	2901	Side	NO COMMENTS
3253	1999	CADILLAC	DEVILLE		-	Front	
3254	1999	CADILLAC	DEVILLE		-	Front	
3255	1999	CADILLAC	DEVILLE		-	Front	
3273	1999	CADILLAC	DEVILLE		-	Front	
JL74	1999	CADILLAC	DEVILLE		-	Front	
3275	1999	CADILLAC	DEVILLE		-	Front	
JL76	1999	CADILLAC	DEVILLE		-	Front	
3277	1999	CADILLAC	DEVILLE		-	Front	
4207	1999	CADILLAC	DEVILLE		-	Front	

The last tab is the ADVANCED VEHICLE SEARCH tab

- It can be as simple as searching for ALL of the DEVILLE tests in the NHTSA database
- **Click on a likely candidate**

4N60RT Silfines SELECTED VEHICLE: CADILLAC DEVILLE

File Print Reports Settings Help Help Database SYSTEM

BASIC VEHICLE SEARCH NHTSA TEST SELECTION ADVANCED VEHICLE SEARCH

Available Tests Vehicle Data Occupant Protection Vehicle Info Silfines Jobs

Available Tests in the NHTSA database for a 1994 - 1999 CADILLAC DEVILLE

Modify Year Range

Frontal Test(s)

Test Number/Year	Year	Model	Impact Speed	Pre-Crash	Crash Factor	VOL	POB	WLT
2024/1994	1994	CADILLAC DEVILLE	34.0	27.5	7.7	3FDCXC	3	VE
2090/1990	1990	CADILLAC DEVILLE	35.1	25.7	0.5	3FDCXC	3	VE
2466/1997	1997	CADILLAC DEVILLE	35	23.2	24.3	3FDEWE	J	VE
2497/1997	1997	CADILLAC ELDORADO	25.1	19.9	18.4	3FDEWA	J	VE
2893/1999	1999	CADILLAC DEVILLE	0	0	0		1	SI
2894/1999	1999	CADILLAC DEVILLE	0	0	0		3	SI
2895/1999	1999	CADILLAC DEVILLE	0	0	0		3	SI
2873/1999	1999	CADILLAC DEVILLE	0	0	0		3	SI
2874/1999	1999	CADILLAC DEVILLE	0	0	0		J	SI
2875/1999	1999	CADILLAC DEVILLE	0	0	0		1	SI
2876/1999	1999	CADILLAC DEVILLE	0	0	0		1	SI

Modify Year Range

Rear Test(s)

NO REAR TESTS 1994-1999

Modify Year Range

Side Test(s)

Test No./Year	Year	Model	Impact Speed	Pre-Crash	Crash Factor	VOL	POB	WLT
2073/1994	1994	CADILLAC DEVILLE	26.9	17.9	29.7	3FDEWA	297	IMPACT
2520/1997	1997	CADILLAC DEVILLE	30.7	10.0	3.7	3DFAW7	270	IMPACT

Modify Year Range

The last tab is the **ADVANCED VEHICLE SEARCH** tab

- It can be as simple as searching for **ALL** of the **DEVILLE** tests in the **NHTSA** database

- Click on a likely candidate

- and you will be popped over to the **NHTSA TEST SELECTION** page where the available tests are displayed for the year range (determined by the **Sister/Clone** list) in which your selected vehicle fell.

- Now select a test, view the data, print the report ... or just print the report without viewing the data, its up to you!

4N6XPRT StifCalcs - SELECTED VEHICLE : CADILLAC DEVILLE

File Print Reports Settings Help Reg. To 4N6XPRT SYSTEMS

BASIC VEHICLE SEARCH | NHTSA TEST SELECTION | **ADVANCED VEHICLE SEARCH**

Advanced Search

Enter as much information as you have about the type of vehicle you are looking for then click search

Test Number:

Start Year: End Year:

Make: Model: Body Style:

Wheel Base: Min Max

Vehicle Length:

Vehicle Weight:

Impact Location: Front Side Rear Other

Conversions: Value: Answer:

MM Inches KG LBS

IN TO MM MM TO IN
KG TO LBS LBS TO KG

TestNo	YEAR	MAKE	MODEL	BODY	WHEELBASE	ImpactPoint	COMMENTS
3532	200	DODGE	RAM1500	PICKUP TRUCK	3090	Front	2001 DODGE RAM 1500 PIC
3485	200	FORD	EXPEDITION	JTILITY VEHICLE	3090	Front	2001 FORD EXPEDITION XL
3594	200	FORD	WINDESTAR	VAN	3075	Front	
3650	200	FORD	WINDESTAR	VAN	3070	Front	
3673	200	TOYOTA	TACOMA	EXTENDED CAB P	3102	Front	NO COMMENTS
3674	200	TOYOTA	TACOMA	EXTENDED CAB P	3098	Side	NO COMMENTS
4381	2002	BRAUN	ENTREVAN II	VAN	3040	Front	2002 BRAUN ENTREVAN
4334	2002	CHEVROLET	VENTURE	MINIVAN	3048	Rear	2002 CHEVROLET VENTURE
4466	2002	EL DORADO	ACTIVAN	VAN	3048	Front	2002 EL DORADO ACTIVAN
3911	2002	FORD	WINDESTAR	MINIVAN	3066	Front	NO COMMENTS
4383	2002	FREEDOM MOTOR	KNEELVAN	VAN	3090	Front	2002 FREEDOM MOTOR KNEELVAN
3913	2002	HUNDA	ODYSSEY	VAN	3064	Side	
3916	2002	TOYOTA	SEQUOIA	JTILITY VEHICLE	3005	Front	2002 TOYOTA SEQUOIA
4382	2002	VANTAGE	NORTHSTAR	VAN	3070	Front	2002 VANTAGE NORTHSTAR
4430	2003	LINCOLN	NAVIGATOR	JTILITY VEHICLE	3000	Front	2003 LINCOLN NAVIGATOR
4441	2003	LINCOLN	NAVIGATOR	JTILITY VEHICLE	3025	Front	MODEL S NAVIGATOR

The advanced search also allows you to search on a wheelbase range

4N6XPRT SoftCalcs - SELECTED VEHICLE:

File Print Reports Settings Help Reg. To: 4N6XPRT SYSTEMS

BASIC VEHICLE SEARCH **NH/SA TEST SELECTION** ADVANCED VEHICLE SEARCH

Advanced Search

Enter as much information as you have about the type of vehicle you are looking for then click search

Test Number:

Start Year: End Year:

Make: Model:

Body Style:

Wheel Base: Min Max

Vehicle Length:

Vehicle Weight:

Conversions: Value: Answer:

MM Inches

KG LBS

IN TO MM MM TO IN
KG TO LBS LBS TO KG

Impact Location: Front Side Rear Other

TestNo	YEAR	MAKE	MODEL	BODY	WHEELBASE	ImpactPoint	COMMENTS
19	1956	FONTIAC	CATALINA	FCLF DOOR SED	3068	Front	NO COMMENTS
20	197	CHEVROLET	MPALA	FCLF DOOR SED	3066	Front	NO COMMENTS
21	197	CHEVROLET	MPALA	FCLF DOOR SED	3066	Front	NO COMMENTS
22	197	CHEVROLET	MPALA	FCLF DOOR SED	3066	Front	NO COMMENTS
32	197	CHEVROLET	MPALA	FCLF DOOR SED	3066	Front	NO COMMENTS
34	197	CHEVROLET	MPALA	FCLF DOOR SED	3066	Front	NO COMMENTS
48	197	CHEVROLET	MPALA	FCLF DOOR SED	3066	Front	NO COMMENTS
49	197	CHEVROLET	MPALA	FCLF DOOR SED	3066	Front	NO COMMENTS
49	197	CHEVROLET	MPALA	FCLF DOOR SED	3066	Rear	NO COMMENTS
47	197	CHEVROLET	MPALA	FCLF DOOR SED	3066	Front	NO COMMENTS
47	197	CHEVROLET	MPALA	FCLF DOOR SED	3066	Front	NO COMMENTS
48	197	CHEVROLET	MPALA	FCLF DOOR SED	3066	Front	NO COMMENTS
60	1973	FORD	LTD	FCLF DOOR SED	3073	Side	NO COMMENTS
62	1977	FLYMOBIL	FURY	FCLF DOOR SED	3059	Other	NO COMMENTS
707	1970	FLYMOBIL	FURY	FCLF DOOR SED	3005	Front	NO COMMENTS
84	1979	BUICK	ELECTRA	FCLF DOOR SED	3023	Rear	NO COMMENTS

The advanced search also allows you to search on a wheelbase range

Narrow the range by a BODY STYLE

4M6XPRT SUICalc - SELECTED VEHICLE :

File Print Reports Settings Help Reg. To: 4M6XPRT SYSTEMS

BASIC VEHICLE SEARCH | **NHTSA TEST SELECTION** | ADVANCED VEHICLE SEARCH

Advanced Search

Enter as much information as you have about the type of vehicle you are looking for then click search

Test Number

Start Year

End Year

Make

Model

Body Style

Wheel Base Min Max

Vehicle Length

Vehicle Weight

Impact Location
 Front Side Rear Other

Conversions
 MM
 Inches
 KG
 LBS

Value:

Answer:

TestNo	YEAR	MAKE	MODEL	BODY	WHEELBASE	ImpactPoint	COMMENTS
25E	'96	PONTIAC	CATALINA	FOUR DOOR SED	3068	Front	NO COMMENTS
10C	'73	FORD	LTC	FOUR DOOR SED	3073	Side	NO COMMENTS
9 C	'79	DODGE	ST. REGIS	FOUR DOOR SED	3010	Side	NO COMMENTS
298E	'99	LINCOLN	TOWN CAR	FOUR DOOR SED	3000	Side	NO COMMENTS

The advanced search also allows you to search on a wheelbase range

Narrow the range by a BODY STYLE

and IMPACT LOCATION

4N6XPRT SoftCalcs - SELECTED VEHICLE:

File Print Reports Settings Help Reg. To: 4N6XPRT SYSTEMS

BASIC VEHICLE SEARCH **NH/SA TEST SELECTION** ADVANCED VEHICLE SEARCH

Advanced Search

Enter as much information as you have about the type of vehicle you are looking for then click search

Test Number:

Start Year:

End Year:

Make:

Model:

Body Style:

Wheel Base: Min Max

Vehicle Length: Min Max

Vehicle Weight: Min Max

Conversions: Value:

Answer:

MM Inches

KG LBS

Impact Location

Front Side Rear Other

TestNo	YEAR	MAKE	MODEL	BODY	WHEELBASE	ImpactPoint	COMMENTS
266	1959	VOLKSWAGEN	BEE TLE	TWO DOOR SEDAN	2413	Side	NO COMMENTS
48	197	CHEVROLET	VEGA	THREE DOOR HATCHBACK	2464	Rear	NO COMMENTS
147	197	CHEVROLET	VEGA	THREE DOOR HATCHBACK	2464	Rear	NO COMMENTS
21	197	FORD	PINTO	TWO DOOR COUPE	2368	Rear	NO COMMENTS
22	197	FORD	PINTO	TWO DOOR COUPE	2368	Other	NO COMMENTS
2E1	197	VOLKSWAGEN	BEE TLE	TWO DOOR SEDAN	2413	Side	NO COMMENTS
2E7	197	VOLKSWAGEN	BEE TLE	TWO DOOR SEDAN	2413	Side	NO COMMENTS
20	1972	CHEVROLET	VEGA	THREE DOOR HATCHBACK	2464	Other	NO COMMENTS
32	1972	FORD	PINTO	THREE DOOR HATCHBACK	2368	Rear	NO COMMENTS
34	1972	FORD	PINTO	THREE DOOR HATCHBACK	2368	Rear	NO COMMENTS
15	1975	FORD	FORD	TWO DOOR SEDAN	2205	Front	NO COMMENTS
18	1975	FORD	FORD	TWO DOOR SEDAN	2205	Front	NO COMMENTS
352	1976	FORD	FORD	THREE DOOR HATCHBACK	2400	Front	NO COMMENTS
3	1976	VOLKSWAGEN	RABBIT	THREE DOOR HATCHBACK	2400	Other	NO COMMENTS
06	1976	VOLKSWAGEN	RABBIT	THREE DOOR HATCHBACK	2400	Side	NO COMMENTS
88	1976	VOLKSWAGEN	RABBIT	THREE DOOR HATCHBACK	2413	Other	NO COMMENTS

Or you can search on a weight range

4N6XPRT StifCalcs - SELECTED VEHICLE :

File Print Reports Settings Help Reg. To: 4N6XPRT SYSTEMS

BASIC VEHICLE SEARCH | **NHTSA TEST SELECTION** | ADVANCED VEHICLE SEARCH

Advanced Search

Enter as much information as you have about the type of vehicle you are looking for then click search

Test Number

Start Year End Year

Make Model Body Style

Wheel Base Vehicle Length

Vehicle Weight

Conversions
 MM Inches
 KG LBS

Value:
 Answer:

IN TO MM MM TO IN
 KG TO LBS LBS TO KG

Impact Location
 Front Side Rear Other

TestNo	YEAR	MAKE	MODEL	BODY	WHEELBASE	ImpactPoint	COMMENTS
571	1982	VOLKSWAGEN	FABBIT	THREE DOOR HA	2395	Side	NO COMMENTS
634	1982	VOLKSWAGEN	FABBIT	TWO DOOR SED	2403	Side	NO COMMENTS
952	1983	MITSUBISHI	TREDA	FOUR DOOR SED	2445	Side	NO COMMENTS
953	1983	MITSUBISHI	TREDA	FIVE DOOR SED	2445	Side	NO COMMENTS
856	1983	NISSAN	SENTRA	TWO DOOR SED	2400	Side	NO COMMENTS
879	1985	CHEVROLET	SPECTRUM	THREE DOOR HA	2383	Side	NO COMMENTS
1823	1985	FORD	ESCORT	THREE DOOR HA	2377	Side	NO COMMENTS
1652	1986	FORD	ESCORT	THREE DOOR HA	2375	Side	NO COMMENTS
1471	1989	DODGE	COLT	THREE DOOR HA	2377	Frnt	VEHICLE DAMAGE WAS CAL
2236	1993	TOYOTA	COROLLA	FOUR DOOR SED	2400	Side	STRIP THE VEHICLE IN OR
2228	1995	GEJ	METRO	FOUR DOOR SED	2372	Side	NO COMMENTS
2650	1995	GEJ	METRO	THREE DOOR HA	2365	Side	NO COMMENTS
2339	1996	GEJ	METRO	THREE DOOR HA	2365	Side	NO COMMENTS
3444	1996	GEJ	METRO	THREE DOOR HA	2365	Side	NO COMMENTS
3550	2001	HONDA	INSIGHT	TWO DOOR COU	2400	Side	HYBRID GAS AND ELECTRI
3526	2001	TOYOTA	ECHO	FOUR DOOR SED	2374	Side	2001 TOYOTA ECHO 4 DOOR

Or you can search on a weight range

Together with a wheelbase range

and a **IMPACT LOCATION**

4N6XPRT StifCalcs - SELECTED VEHICLE :

File Print Reports Settings Help Reg. To: 4N6XPRT SYSTEMS

BASIC VEHICLE SEARCH | **NHTSA TEST SELECTION** | ADVANCED VEHICLE SEARCH

Advanced Search

Enter as much information as you have about the type of vehicle you are looking for then click search

Test Number

Start Year End Year

Make Model

Body Style

Wheel Base Vehicle Length

Vehicle Weight

Conversions
 MM Inches
 KG LBS

Value:
 Answer:

IN TO MM MM TO IN
 KG TO LBS LBS TO KG

Impact Location
 Front Side Rear Other

TestNo	YEAR	MAKE	MODEL	BODY	WHEELBASE	ImpactPoint	COMMENTS
639	1981	VOLKSWAGEN	FABBIT	THREE DOOR HA	2398	Front	NO COMMENTS
741	1981	VOLKSWAGEN	FABBIT	THREE DOOR HA	2398	Front	NO COMMENTS
539	1982	FORD	ESCORT	THREE DOOR HA	2383	Front	NO COMMENTS
715	1984	HONDA	CIVIC	THREE DOOR HA	2352	Front	NO COMMENTS
802	1985	CHEVROLET	SPECTRUM	THREE DOOR HA	2395	Front	NO COMMENTS
1836	1985	FORD	ESCORT	THREE DOOR HA	2383	Front	NO COMMENTS
1837	1985	FORD	ESCORT	THREE DOOR HA	2383	Front	VEHICLE USED PREVIOUSLY
1838	1985	FORD	ESCORT	THREE DOOR HA	2383	Front	VEHICLE USED PREVIOUSLY
1839	1985	FORD	ESCORT	THREE DOOR HA	2383	Front	VEHICLE USED PREVIOUSLY
1840	1985	FORD	ESCORT	THREE DOOR HA	2383	Front	VEHICLE USED PREVIOUSLY
1129	1988	TOYOTA	TERCEL	THREE DOOR HA	2375	Front	COLMEC IS UNKNOWN
1326	1989	DAIHATSU	LHA-RADE	THREE DOOR HA	2351	Front	INSTRUMENT PANEL COVER
2231	1995	GEELY	METRO	THREE DOOR HA	2357	Front	INSTR PANEL COVERED S
3072	1999	GEELY	METRO	THREE DOOR HA	2373	Front	NO COMMENTS
3070	1999	GEELY	METRO	THREE DOOR HA	2373	Front	NO COMMENTS
3340	2000	HONDA	INSIGHT	THREE DOOR HA	2400	Front	HONDA INSIGHT, GAS/ELEC

Or you can search on a weight range

Together with a wheelbase range

and a IMPACT LOCATION

AND a Body Style

Each time you revise your selection, click the **SEARCH** button and see the list narrow.

4N6XPRT StifCalcs™

Quick Tutorial on the program basics

- This tutorial has just covered the basics, from here it is up to you to explore.

REMEMBER:

- 1) Select Vehicle
- 2) Select Test
- 3) View/Print results

4N6XPRT StifCalcs™

Quick Tutorial on the program basics

Now

GO TO IT!!