

VIN DeCoding Information

How often have you been confronted with the following on a Traffic Collision Report - "87 Ford, 4 door, Blue"? We have the answer to the problem of determining WHICH Ford 4 door model this was!

We will DeCode the VIN number and provide you with the information contained within that VIN number

Information generally includes:

Year	OEM Engine
Make	Displacement/Type
Model	Rated Horsepower
Drive Wheels	Rated Torque
Rated Pass. Load	Iginition System
Plant of Manufacture	Fuel Line Pressure

Also (*when provided by VIN*)

Gross Vehicle Weight	Transmission
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A DMV search for a vehicle identification from the registration will typically cost less than \$10.00 and will give the VIN number, Make, and Year of vehicle. However, to also obtain the vehicle Model requires a "Manual Search" which will typically cost \$30.00/vehicle/year searched.

With our service, you will be able to find out the model of vehicle as well as all of the other information mentioned above. This information will be faxed to you, typically in less than one working day, and the hard copy will follow in the mail.

Allow us to help you have all the information you require in your next Accident, Personal Injury, Criminal, Domestic, or Product Liability case.

Individual Vehicle Specifications

Now you can get the Expert AutoStats® data for the vehicles in your case **QUICKLY, EASILY,** and **ECONOMICALLY,** instead of guessing, or begging a printout from a friend.

Our vehicle database includes dimensions on over 35,000 Cars, Vans, Lt. Pickups, and Utility Vehicles covering 1945 to the present.

Minimum Vehicle specifications include:

Overall Length	Curb Weight
Overall Width	Weight Distribution
Overall Height	Front/Rear Track
Wheelbase	CG Location

Model year with No Significant Dimensional Changes
VIN DeCoding when VIN is provided Information available

Mid-60's to present also includes (<i>when available</i>)	
Fron/Rear Overhang	Bumper Heights
Hood height	Turning Circle
Bumper-to-hood	Ground-to-hood

Dimensions are given in both Imperial and metric (SI) units. Motorcycle specifications will be similar to the Vehicle specifications with appropriate changes where applicable.

While the VIN number contains much information, it does not contain everything needed to identify a particular vehicle in every situation. Therefore, we would appreciate you providing as much of the information on the order form as possible.

If you are not sure of the specific model, we will provide dimensions on the similar model vehicles matching the provided data for a small additional cost per model*.

Individual Vehicle Data Search Service® Charges & Services

Individual Vehicle Specifications

\$40.00-First vehicle*, \$35.00/Additional Vehicles*,
\$20.00/Additional Similar Model*

Medium/Heavy Truck Specifications

\$40.00-First vehicle*, \$35.00/Additional Vehicles*,
\$20.00/Additional Similar Model*

Motorcycle Specifications (1970+)

\$40.00-First cycle*, \$35.00/Additional cycles*,
\$20.00/Additional Similar Model*

NHTSA Crash Test Results

\$40.00 per test - Includes A, B, & G values
Calculations are based on the test results

NHTSA Crash Test Results

Test results include: General Test information, Barrier Data when provided, Vehicle Data as reported by the testing organization, Occupant (Dummy) data when provided, and A-B-G Stiffness calculations based on the test results.

You may make your request by phone or fax. Our fax machine is on 24 hours/day and can be reached at

(619) 464-2206

SERVICE

You may make your request by phone or fax. Our fax machine is on 24 hours, 7 days a week, and can be reached at (619) 464-2206. A request may be made by e-mail, however, BE AWARE that we DO NOT check our e-mail every day.

Upon receiving your request, we will research you request and **fax the information to you at NO ADDITIONAL CHARGE!** Normal response time is one working day or less. Your hard copy will follow in the mail.

Please include the information on the following page when requesting your Individual Vehicle Data Search. Please also be sure to provide a Visa, MasterCard, or American Express number, name as it appears on the card, Expiration date, and the billing address # and Zip.

FAX/Order Form

- Expert VIN Decoder & Expert AutoStats
- NHTSA Crash Test Results
- BOTH

Please circle ALL OPTIONS that apply

YEAR & MAKE: _____

MODEL: _____

If you are requesting

VIN DeCoder & AutoStats

please also provide the following information:

No. of Doors: 2/3/4/5
Body Style: Coupe/Conv./Sedan/Wagon
SUV & P/U: 4x2 / 4x4 / Dual Rear Wheel
PICKUPS: Std. / Extra / Super / Crew Cab
Short Bed / Long Bed
VANS: Cargo / Passenger
Short / Long Wheelbase

VIN Information

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	

NHTSA Crash Test Information

Impact location - Front / Side / Rear
Impact Speed - Lower / Higher

PAYMENT INFORMATION

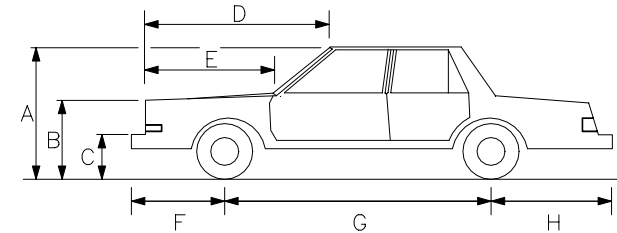
Visa/MasterCard / American Express:

Expires: ____ / ____

Name & Address:

Case Reference Name/Number: _____

Individual Vehicle Data Search Service®



Providing Vehicle dimensional data, VIN DeCoding, and NHTSA Crash Test Results as a service to the Litigation community.

Phone: (619) 464-3478 / 1-800-266-9778

FAX: (619) 464-2206

4N6XPRT Systems®

Forensic Expert Software
8387 University Avenue, Suite P
La Mesa, CA 91941-3842

Web: <http://www.4n6xpirt.com>

E-Mail: ivdss@4n6xpirt.com

*Pricing is for multiple vehicles on same Order/Request. Similar Vehicles may be required when it is not possible to determine the exact model of vehicle requested, based upon the information provided.

Individual Vehicle Data Search Service[®] Charges & Services

You may make your request by phone or fax. Our fax machine is on 24 hours/day and can be reached at

(619) 464-2206

Individual Vehicle Specifications

\$40.00-First vehicle*, \$35.00/Additional Vehicles*,
\$20.00/Additional Similar Model*

Medium/Heavy Truck Specifications

\$40.00-First vehicle*, \$35.00/Additional Vehicles*,
\$20.00/Additional Similar Model*

Motorcycle Specifications (1970+)

\$40.00-First cycle*, \$35.00/Additional cycles*,
\$20.00/Additional Similar Model*

NHTSA Crash Test Results

\$40.00 per test - Includes A, B, & G values
Calculations are based on the test results

Contact Name & Address:

Phone: (____) _____

Fax: (____) _____

PAYMENT INFORMATION
Visa/MasterCard / American Express:

Expires: ____ / ____

Credit Card billing address and Zip:

Address: _____

Zip: _____

Security Code # _____

FAX/Order Form

- Expert VIN Decoder & Expert AutoStats
 NHTSA Crash Test Results
 BOTH

Please circle ALL OPTIONS that apply

YEAR & MAKE:

MODEL: _____

If you are requesting
VIN DeCoder & AutoStats
please also provide:

No. of Doors: 2/3/4/5
Body Style: Coupe/Conv./Sedan/Wagon
SUV - P/U: 4x2 / 4x4 / Dual Rear Wheel
PICKUPS: Std. / Extra / Super / Crew Cab
Short Bed / Long Bed
VANS: Cargo / Passenger
Short / Long Wheelbase

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_____	_____	_____	_____	_____	_____	_____	_____	_____
10	11	12	13	14	15	16	17	
_____	_____	_____	_____	_____	_____	_____	_____	

NHTSA Crash Test Information

YEAR & MAKE:

MODEL: _____

Impact location - Front / Side / Rear
Impact Speed - Lower / Higher

Case Reference/Number: _____

FAX/Order Form

- Expert VIN Decoder & Expert AutoStats
 NHTSA Crash Test Results
 BOTH

Please circle ALL OPTIONS that apply

YEAR & MAKE:

MODEL: _____

If you are requesting
VIN DeCoder & AutoStats
please also provide:

No. of Doors: 2/3/4/5
Body Style: Coupe/Conv./Sedan/Wagon
SUV - P/U: 4x2 / 4x4 / Dual Rear Wheel
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VIN Information

1	2	3	4	5	6	7	8	9
_____	_____	_____	_____	_____	_____	_____	_____	_____
10	11	12	13	14	15	16	17	
_____	_____	_____	_____	_____	_____	_____	_____	

NHTSA Crash Test Information

YEAR & MAKE:

MODEL: _____

Impact location - Front / Side / Rear
Impact Speed - Lower / Higher

Case Reference/Number: _____

4N6XPRT Systems

Expert System Software for Litigation

8387 University Avenue
La Mesa, CA 91942-9342

FED Tax ID No.: 95-3121248

Phone: 1- 800-266-9778
Fax: (619) 464-2206

Web Site: <http://www.4n6xpert.com>

E-Mail: 4n6@4n6xpert.com

The 2011 version of 4N6XPRT StifCalcs® contains a Force Balance module -

The Force Balance approach to Stiffness values is based on the concept of "Equal and Opposite Forces" in combination with the assumption that one of the vehicles involved has a good set of Stiffness values based on testing.

There are essentially only TWO requirements in order to use a Force Balance approach, and they are:

- You must have A-B values for one of the vehicles for the surface that was hit
- Both vehicles must have SOME damage

Beyond these two requirements, the QUALITY of your calculation results will be impacted by :

- The quality of the information you have on each vehicle (weight, pass/cargo load, etc.)
- The quality/accuracy of your crush measurements
- The quality of your A-B stiffness values

while the Force Balance analysis CAN be run with degraded information in the above three areas, the quality of the results will also be degraded, sometimes significantly so.


As an extension of our **I**ndividual **V**ehicle **D**ata **S**earch **S**ervice, we have now added Force Balance Analysis runs to our services. An order form with pricing follows on the next page.

With respect to the Order Form -

- A) Please be SPECIFIC on the vehicle make and model, including drive wheels, bed length, etc.
- B) The Curb Weight used will come from Expert AutoStats unless you specify some other weight
- C) The PDOF Lever Arm default length is 0 inches
- D) The Angle of Collision Force to Normal Force default value is 0 degrees
- E) If no Crush Spacing is indicated, equal spacing will be used.

If you have any specific questions, please be sure to call.

Sincerely,



Daniel W. Vomhof III
General Manager/Technical Support

4N6XPRT Systems

Expert System Software for Litigation

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La Mesa, CA 91942-9342

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FORCE BALANCE ORDER FORM

\$40 for the first "Run" / \$20 for each additional crush variation with same vehicles

Vehicle 1 (KNOWN Stiffness) - Year/Make/Model

Curb Weight (pounds) = _____
Occupant + Cargo Weight (pounds) = _____
Total Weight (pounds) = _____

Angle of Collision Force to Force Normal to
Collision Face (degrees) = _____
PDOF Lever Arm Distance (inches) = _____

Damage Length (inches) = _____

If Crush Depth measurements are equally spaced, you do not
need to fill in the distance between Crush measurements.

Crush Depth

Crush Spacing EQUAL?? Yes / No

C1 (inches) = _____ Distance C1 to C2 (inches) = _____
C2 (inches) = _____ Distance C2 to C3 (inches) = _____
C3 (inches) = _____ Distance C3 to C4 (inches) = _____
C4 (inches) = _____ Distance C4 to C5 (inches) = _____
C5 (inches) = _____ Distance C5 to C6 (inches) = _____
C6 (inches) = _____ Distance C6 to C7 (inches) = _____
C7 (inches) = _____ Distance C7 to C8 (inches) = _____
C8 (inches) = _____ Distance C8 to C9 (inches) = _____
C9 (inches) = _____ Distance C9 to C10 (inches) = _____
C10 (inches) = _____

Vehicle 2 - Year/Make/Model

Curb Weight (pounds) = _____
Occupant + Cargo Weight (pounds) = _____
Total Weight (pounds) = _____

Angle of Collision Force to Force Normal to
Collision Face (degrees) = _____
PDOF Lever Arm Distance (inches) = _____

Damage Length (inches) = _____

If Crush Depth measurements are equally spaced, you do not
need to fill in the distance between Crush measurements.

Crush Depth

Crush Spacing EQUAL?? Yes / No

C1 (inches) = _____ Distance C1 to C2 (inches) = _____
C2 (inches) = _____ Distance C2 to C3 (inches) = _____
C3 (inches) = _____ Distance C3 to C4 (inches) = _____
C4 (inches) = _____ Distance C4 to C5 (inches) = _____
C5 (inches) = _____ Distance C5 to C6 (inches) = _____
C6 (inches) = _____ Distance C6 to C7 (inches) = _____
C7 (inches) = _____ Distance C7 to C8 (inches) = _____
C8 (inches) = _____ Distance C8 to C9 (inches) = _____
C9 (inches) = _____ Distance C9 to C10 (inches) = _____
C10 (inches) = _____

Name _____
Company _____
Address _____
City/State/Zip _____
Phone _____
Case Reference _____

Visa/MasterCard/American Express
Card Number _____
Expiration _____ / _____
Security Code _____
Card Billing Address _____
City/State/Zip _____

E-Mail _____