



## VinPOWER Product

**VinPOWER** VIN Decoder has been the Go-To VIN Decoder (Encoder) for over 25 years servicing over 20 automotive industries. By providing real data from real sources, **VinPOWER** remains the foundation of all VIN solutions and services provided by ESP Data Solutions, Inc. (ESP) aka VinDecoder.com. **VinPOWER** original VIN software VIN Decoder was MS Active X DLL released in 1997 and was superseded by .NET in 2005. **VinPOWER** for Java was released in 2002.

**VinPOWER** for Python was released in 2020. A true compliant VIN is an alphanumeric 17-digit VIN that passes the check digit formula. The word “decoder” is defined: [A device or program that translates encoded data into its original format]. VIN's are meant to be decoded for true compliant **ISO-3779 and NHTSA Title 49** authorization. We are not a VIN look up company. ESP has been the only VIN data supplier that has collected and cataloged over 750,000 original OEM VIN data sheets dating back to 1981. If you're not using **VinPOWER** then your data may be noncompliant or worse, inaccurate.

**VinPOWER** for **.NET** is designed for MS Windows Operating System developer utilizing MS .NET (predecessor was **Active X DLL**) technology. It can be integrated within almost any MS development project and provides the functionality of a true VIN Decoder with VIN validation and verification. **VinPOWER** for **.NET** tool is integrated with your project as a standard .NET Object then simply import the **VinPOWER** library.

**VinPOWER** for **Java** is designed for Unix (Linux) enterprise corporate developers. It can be integrated within almost any development project. **VinPOWER** for **Java** library is optimized for multithread (thread-safe) heavy load processing with linear response time to request numbers up to more than 2000 threads.

**VinPOWER** for **Python** is an interpreted, object-oriented, high-level programming language with dynamic semantics.

Model Year beginning 1981 – present day. Weekly Updates, and email support. Contact [sales@espdata.com](mailto:sales@espdata.com) for more information.

**VIN Data that Drives Automotive Industries**  
 (Each industry includes Auto, Motorcycle, RV, Trailer, Trucks all sizes, incomplete, chassis)  
 (Regions include but not limited to US, Canada, Mexico, others...)  
 (All Data is ISO-3779 compliant)  
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**Industries**

- Accident Reconstruction Industry
- Auction Industry
- Car Sales Industry
- Environmental Transportation Planning Industry
- Finance Industry
- Fleet Logistics Industry
- Fraud / Theft Industry
- Government Industry
- Inspection Industry
- Insurance Industry
- Marketing Industry
- Parts Industry
- Recycle / Salvage Industry
- Repair / Service Industry
- Repossession Industry
- Shipping
- Towing Industry
- VHR (Vehicle History Reporting)
- Warranty Industry
- Many More...

**SAFETY**

- SPEED MANAGEMENT
- REDUCING ROAD SAFETY RISKS CAUSED BY ROAD USERS DISTRACTIONS
- PUBLIC CONSULTATION
- TRANSPORT CONTROL
- EQUAL COMPETITION IN THE TRANSPORT MARKET

**ECO-FRIENDLY**

- REDUCING EMISSIONS FROM THE SHIPPING AND AIRLINE INDUSTRY
- ENVIRONMENTALLY FRIENDLY TRANSPORT SYSTEM / EV CHARGING
- INTELLIGENT RAIL AND TRANSIT SOLUTIONS

**First To Market VIN Data**™



## VinPOWER Product

We offer 6 key Motor Vehicle Categories:

**VinPOWER Basic\*** Module up through Class 3 (NHTSA) motor vehicles.

**VinPOWER Heavy Trucks** Module, Class 4 or Greater (NHTSA)

**VinPOWER Motorcycles** Module

**VinPOWER Buses** Module

**VinPOWER RV's** Module

**VinPOWER Trailers** Module

**VinPOWER Basic\*** vehicle module, defined as an on-road motorized registerable vehicles under 14,000 lbs., with an annual motor vehicle production greater than 500 units (vehicles). Data coverage for the core VIN data attributes starts from 1981 up through present day. See next page for core VIN attributes.

**VinPOWER Basic\*** vehicle module has additional Add On Data (non-core VIN Data). Such as MSRP, Weights, Factory warranty, and more. We also do custom mapping if you require it. See next page for Add On Data VIN attributes.

### Example Basic\* core VIN Decode

VIN number: 3FA6P0H96Hxxxxxxx

DECODED: Ford - Fusion (2017)

Model Year 2017

Make Ford

Model Fusion

Trim Level SE

Body Type 4 Door Sedan

Manufacturer Ford Motor Company S.A.

Production Seq. Number 120167

Engine Type L4, 2.0L; Turbo

Fuel Type Gasoline

Engine Code 9

Drive Line Type FWD

Vehicle Type Passenger Car

Vehicle Class Mid-size Car

Restraint System Dual Air Bag; Manual Belts; Side Air Bag-1st Row, 2nd Row; Driver and Pass Knee Country MEXICO

Assy. Plant Hermosillo, Mexico

Check Digit 6

VEHID 441169

MPG S6:21-31-25

AAIA 235845/240549

AAIA ENGINE 20292

AAIA TRANSMISSION 2964

AAIA VehicleID 235845/235845

AAIA EngineConfigID 20292/20292

AAIA TransmissionID 2964/2964

AAIA BodyStyleConfigID 1/1

AAIA BrakeConfigID 6/6

AAIA DriveTypeID 5/6

AAIA SpringTypeConfigID 1/1

<http://www.vinlink.com/> Report type: BASIC VIN: 3FA6P0H96HRxxxx



### Core VIN Data Attributes (when available or if applicable)

KEYS: YES = COVERED      N/A = NOT APPLICABLE

	Basic* Module	Heavy Trucks	Motorcycle	RV-Bus-Chassis	Trailers
Year	YES	YES	YES	YES	YES
Make	YES	YES	YES	YES	YES
Model	YES	YES	YES	YES	YES
Trim Level	YES	N/A	N/A	N/A	N/A
Series	YES	YES	N/A	YES	N/A
Engine	YES	YES	YES	YES	N/A
MPG	YES	YES	YES	YES	N/A
Transmission	YES	YES	YES	YES	N/A
Drive Line Type	YES	YES	YES	YES	N/A
Fuel Type	YES	YES	YES	YES	N/A
GVWR Class	YES	YES	N/A	YES	N/A
GVWR Range	YES	YES	N/A	YES	N/A
Body Type	YES	N/A	N/A	YES	N/A
Vehicle Type	YES	YES	YES	YES	YES
Vehicle Class	YES	YES	N/A	YES	N/A
Manufacturer	YES	YES	YES	YES	YES
Country	YES	YES	YES	YES	YES
Assembly Plant	YES	YES	YES	YES	YES
Restraint System	YES	N/A	N/A	N/A	N/A
Hybrid Type	YES	N/A	N/A	N/A	N/A
Brake System	YES	YES	YES	YES	N/A
Engine Manufacturer	YES	YES	YES	YES	N/A
Engine Series Code	YES	YES	YES	YES	N/A
Local Model	YES	YES	YES	YES	N/A
Local Trim	YES	YES	YES	YES	N/A
Local Series	YES	YES	YES	YES	N/A
Local Make	YES	YES	YES	YES	N/A
Cab Type	YES	YES	N/A	N/A	N/A
Tonnage	YES	N/A	N/A	N/A	N/A
Motorcycle Type	N/A	N/A	YES	N/A	N/A
Trailer Type; Length, Axle	N/A	YES	N/A	YES	YES

#### **Add On Data (non-core VIN Data) :**

Gross Vehicle Weight (GVW)**	YES	N/A	N/A	N/A	N/A
Curb Weight**	YES	N/A	N/A	N/A	N/A
Dimensions (WB, L, W, H)**	YES	N/A	N/A	N/A	N/A
Factory Warranty**	YES	N/A	N/A	N/A	N/A
MSRP**	YES	N/A	N/A	N/A	N/A
ACES	YES	YES	N/A (soon)	N/A	N/A
Mobile 6	YES	YES	YES	YES	YES
NCIC	YES	YES	YES	YES	N/A
Custom	YES	YES	YES	YES	YES
Enhanced Data**	YES	N/A	N/A	N/A	N/A

\*\* Data Coverage from 2010 – Present