



VinGenerator Product Guide

VinGenerator is a unique proprietary VIN building algorithm. By leveraging our extensive database of 17 digit VINS the user can build a partial VIN following step by step protocols. Using our web API service VinLink you can create a partial SquishVIN by using a selection protocol starting with **YEAR, MAKE, MODEL** and so on... as you select these VIN attributes the VIN is being VIN Generated.

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 VinLink then your data may be noncompliant or worse, inaccurate.

What is included by default: VinPOWER Basic vehicles under 14,000 GVW. Minimum CoreVIN™ Attributes needed:

Year, Make, Model, Trim, Series, Engine, Transmission, Driveline Type, Body Type, Fuel Type, Hybrid Type

Model Year beginning 1981 – present day. Weekly Updates, and email support. Contact 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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ESP DATA SOLUTIONS, INC.
PROVIDING VEHICLE DATA SINCE 1996

Real Data From Real Sources

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

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...

First To Market VIN Data TM



VinGenerator Product

Sample

Input parameters: **YEAR, MAKE, MODEL, TRIM LEVEL, BODY TYPE**

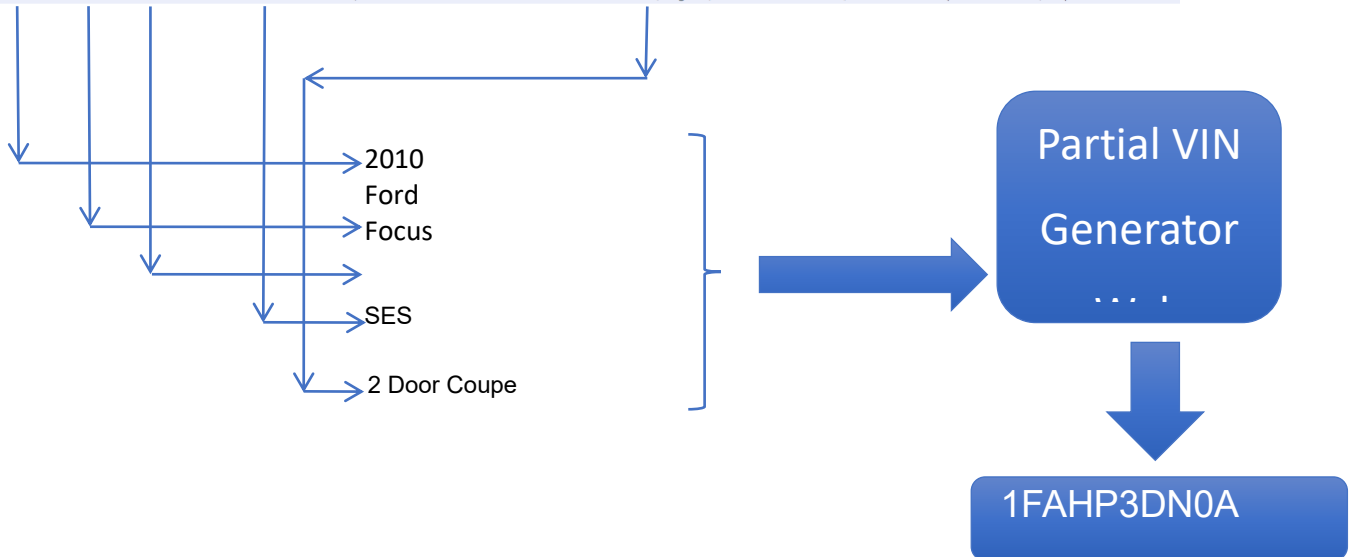
2011, Ford, Focus, SE

Will Return: **1FAHP3FN0**

The 9th character in the VIN is a Check Digit – always “0” in a Partial VIN Return.

For other VIN character descriptions refer to the VinLink Programmer’s Guide.

Year	Make	Model	Trim	EngineType	BodyType	Driveline	Transmission
2010	Ford	Transit Connect	XL	L4, 2.0L	4 Door Wagon	FWD	4 speed Automatic
2010	Ford	Transit Connect	XLT	L4, 2.0L	4 Door Wagon	FWD	4 speed Automatic
2010	Ford	Transit Connect	XL	L4, 2.0L	4 Door Van; Cargo	FWD	4 speed Automatic
2010	Ford	Transit Connect	XLT	L4, 2.0L	4 Door Van; Cargo	FWD	4 speed Automatic
2010	Ford	Transit Connect	XL	L4, 2.0L	4 Door Van; Cargo	FWD	4 speed Automatic
2010	Ford	Transit Connect	XLT	L4, 2.0L	4 Door Van; Cargo	FWD	4 speed Automatic
2010	Ford	Transit Connect	XL	L4, 2.0L	4 Door Van; Cargo; Conversion	FWD	4 speed Automatic
2010	Ford	Transit Connect	XLT	L4, 2.0L	4 Door Van; Cargo; Conversion	FWD	4 speed Automatic
2010	Ford	Escape	XLT	L4, 2.5L	4 Door Wagon	4WD	6 speed Automatic
2010	Ford	Econoline Wagon	XLT	V10, 6.8L (415 CID); SOHC 20V; EFI	4 Door Van; Passenger	RWD	4 speed Automatic; 5 speed Automatic
2010	Ford	Econoline Wagon	XL	V10, 6.8L (415 CID); SOHC 20V; EFI	4 Door Van; Passenger	RWD	4 speed Automatic; 5 speed Automatic
2010	Ford	Fusion	SEL	V6, 3.0L; FFV	4 Door Sedan	AWD	6 speed Automatic
2010	Ford	Fusion	SEL	V6, 3.0L; FFV	4 Door Sedan	FWD	6 speed Automatic
2010	Ford	Fusion	SEL	L4, 2.5L	4 Door Sedan	FWD	6 speed Automatic
2010	Ford	Econoline Wagon	XLT	V8, 5.4L (330 CID); FFV; SOHC 16V; EFI	4 Door Van; Passenger	RWD	4 speed Automatic; 5 speed Automatic
2010	Ford	Econoline Wagon	XL	V8, 5.4L (330 CID); FFV; SOHC 16V; EFI	4 Door Van; Passenger	RWD	4 speed Automatic; 5 speed Automatic
2010	Ford	Fusion	Sport	V6, 3.5L	4 Door Sedan	AWD	6 speed Automatic
2010	Ford	Fusion	Sport	V6, 3.5L	4 Door Sedan	FWD	6 speed Automatic
2010	Ford	Focus	SE	L4, 2.0L; DOHC 16V	2 Door Coupe	FWD	4 speed Automatic; 5 speed Standard
2010	Ford	Focus	SES	L4, 2.0L; DOHC 16V	2 Door Coupe	FWD	4 speed Automatic; 5 speed Standard
2010	Ford	Focus	S	L4, 2.0L; DOHC 16V	4 Door Sedan	FWD	4 speed Automatic; 5 speed Standard
2010	Ford	Focus	SE	L4, 2.0L; DOHC 16V	4 Door Sedan	FWD	4 speed Automatic; 5 speed Standard
2010	Ford	Focus	SES	L4, 2.0L; DOHC 16V	4 Door Sedan	FWD	4 speed Automatic; 5 speed Standard
2010	Ford	F350	XLT	V8, 6.4L	2 Door Cab; Regular; Chassis	RWD	5 speed Automatic; 6 speed Standard
2010	Ford	F350	XLT	V8, 6.4L	2 Door Cab; Regular; Chassis	RWD; Dual Rear W	5 speed Automatic; 6 speed Standard





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



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