



## TRADEVUE REST API

In order to start using the API you will need your **Unique Key** provided by AutoSaver. If you have any questions, please contact us at [support@mytradevue.com](mailto:support@mytradevue.com).

### GET VEHICLE MAKES

Returns a list of vehicle makes for a specific year in JSON format. Items are ordered by name. Click to view sample results.

<b>Base URL</b>	<a href="https://api.autosaver.com/TradeVue.svc/">https://api.autosaver.com/TradeVue.svc/</a>											
<b>REST Method Name</b>	<a href="#">GetMakes</a>											
<b>URI Template</b>	<a href="#">GetMakes?year={year}&amp;key={key}</a>											
<b>Sample Call</b>	<a href="https://api.autosaver.com/TradeVue.svc/GetMakes?year=2014&amp;key=YOUR_KEY">https://api.autosaver.com/TradeVue.svc/GetMakes?year=2014&amp;key=YOUR_KEY</a>											
<b>Method</b>	GET											
<b>Format</b>	JSON											
<b>Url Params</b>	<table border="1"><thead><tr><th>Parameter Name</th><th>Data Type</th><th>Sample Value</th></tr></thead><tbody><tr><td>Year</td><td>Integer</td><td>2014</td></tr><tr><td>Key</td><td>String</td><td>398996FF-8F92-4247-9175-B52D1A0964F3</td></tr></tbody></table>	Parameter Name	Data Type	Sample Value	Year	Integer	2014	Key	String	398996FF-8F92-4247-9175-B52D1A0964F3		
Parameter Name	Data Type	Sample Value										
Year	Integer	2014										
Key	String	398996FF-8F92-4247-9175-B52D1A0964F3										

<b>Success Response</b>	<p><b>Example:</b> <b>Status Code:</b> 200</p> <p><b>Json Response:</b>  <pre>[{"ID":3,"Name":"Acura"}, {"ID":5,"Name":"Aston Martin"}, {"ID":6,"Name":"Audi"}, {"ID":8,"Name":"Bentley"}, {"ID":7,"Name":"BMW"}, {"ID":10,"Name":"Buick"}, {"ID":11,"Name":"Cadillac"}, {"ID":12,"Name":"Chevrolet"}, {"ID":13,"Name":"Chrysler"}, {"ID":15,"Name":"Dodge"}, {"ID":18,"Name":"Ferrari"}, {"ID":17,"Name":"FIAT"}, {"ID":20,"Name":"Ford"}, {"ID":21,"Name":"GMC"}, {"ID":24,"Name":"Honda"}, {"ID":25,"Name":"Hyundai"}, {"ID":26,"Name":"Infiniti"}, {"ID":28,"Name":"Jaguar"}, {"ID":29,"Name":"Jeep"}, {"ID":30,"Name":"Kia"}, {"ID":31,"Name":"Lamborghini"}, {"ID":32,"Name":"Land Rover"}, {"ID":33,"Name":"Lexus"}, {"ID":34,"Name":"Lincoln"}, {"ID":35,"Name":"Lotus"}, {"ID":37,"Name":"Maserati"}, {"ID":39,"Name":"Mazda"}, {"ID":41,"Name":"Mercedes-Benz"}, {"ID":36,"Name":"MINI"}, {"ID":43,"Name":"Mitsubishi"}, {"ID":44,"Name":"Nissan"}, {"ID":49,"Name":"Porsche"}, {"ID":50,"Name":"Ram"}, {"ID":51,"Name":"Rolls-Royce"}, {"ID":54,"Name":"Scion"}, {"ID":62,"Name":"smart"}, {"ID":56,"Name":"Subaru"}, {"ID":58,"Name":"Tesla"}, {"ID":59,"Name":"Toyota"}, {"ID":60,"Name":"Volkswagen"}, {"ID":61,"Name":"Volvo"}]</pre> </p>
<b>JSON Response Data Object</b>	<pre>{   "ID": { integer },   "Name": { string } }</pre>
<b>Error Response</b>	<p><b>Example:</b> <b>Status Code:</b> 401</p> <p><b>Json Reponse:</b>  <pre>{"Message":"Unauthorized","StatusCode":401}</pre> </p>

## GET VEHICLE MODELS

<b>Base URL</b>	<a href="https://api.autosaver.com/TradeVue.svc/">https://api.autosaver.com/TradeVue.svc/</a>		
<b>REST Method Name</b>	<b>GetModels</b>		
<b>URI Template</b>	<b>GetModels?year={year}&amp;makeID={makeID}&amp;key={key}</b>		
<b>Sample Call</b>	<a href="https://api.autosaver.com/TradeVue.svc/GetModels?year=2014&amp;makeID=3&amp;key=YOUR_KEY">https://api.autosaver.com/TradeVue.svc/GetModels?year=2014&amp;makeID=3&amp;key=YOUR_KEY</a>		
<b>Method</b>	GET		
<b>Format</b>	JSON		
<b>Url Params</b>	<b>Parameter Name</b>	<b>Data Type</b>	<b>Sample Value</b>
	<b>Year</b>	Integer	2014
	<b>MakeID</b>	Integer	3
	<b>Key</b>	String	398996FF-8F92-4247-9175-B52D1A0964F3

<b>Success Response</b>	<b>Example:</b> <b>StatusCode:</b> 200  <b>Json Response:</b> <pre>[{"ID":3,"Name":"ILX"}, {"ID":4,"Name":"ILX Hybrid"}, {"ID":7,"Name":"MDX"}, {"ID":9,"Name":"RDX"}, {"ID":11,"Name":"RLX"}, {"ID":14,"Name":"TL"}, {"ID":16,"Name":"TSX"}, {"ID":17,"Name":"TSX Sport Wagon"}]</pre>
<b>JSON Response Data Object</b>	<pre>{   "ID": { integer },   "Name": { string } }</pre>
<b>Error Response</b>	<b>Example:</b> <b>StatusCode:</b> 401 <b>Json Response:</b> <pre>{"Message":"Unauthorized","StatusCode":401}</pre>
<b>Note</b>	<b>MakeID</b> parameter is retrieved from the <b>GetMakes</b> REST Method as ID

## GET TRIM STYLES

<b>Base URL</b>	<a href="https://api.autosaver.com/TradeVue.svc/">https://api.autosaver.com/TradeVue.svc/</a>														
<b>REST Method Name</b>	<b>GetTrimStyles</b>														
<b>URI Template</b>	<b>GetTrimStyles?year={year}&amp;modelID={modelID}&amp;key={key}</b>														
<b>Sample Call</b>	<a href="https://api.autosaver.com/TradeVue.svc/GetTrimStyles?year=2014&amp;modelID=7&amp;key=YOUR_KEY">https://api.autosaver.com/TradeVue.svc/GetTrimStyles?year=2014&amp;modelID=7&amp;key=YOUR_KEY</a>														
<b>Method</b>	GET														
<b>Format</b>	JSON														
<b>Url Params</b>	<table border="1"> <thead> <tr> <th>Parameter Name</th> <th>Data Type</th> <th>Sample Value</th> </tr> </thead> <tbody> <tr> <td><b>Year</b></td> <td>Integer</td> <td>2014</td> </tr> <tr> <td><b>ModelID</b></td> <td>Integer</td> <td>7</td> </tr> <tr> <td><b>Key</b></td> <td>String</td> <td>398996FF-8F92-4247-9175-B52D1A0964F3</td> </tr> </tbody> </table>			Parameter Name	Data Type	Sample Value	<b>Year</b>	Integer	2014	<b>ModelID</b>	Integer	7	<b>Key</b>	String	398996FF-8F92-4247-9175-B52D1A0964F3
Parameter Name	Data Type	Sample Value													
<b>Year</b>	Integer	2014													
<b>ModelID</b>	Integer	7													
<b>Key</b>	String	398996FF-8F92-4247-9175-B52D1A0964F3													
<b>Success Response</b>	<b>Example:</b> <b>StatusCode:</b> 200  <b>Json Response:</b> <pre>[{"ID":1615,"Name":"Advance and Entertainment Packages"}, {"ID":976,"Name":"Base"}, {"ID":2494,"Name":"SH-AWD"}, {"ID":659,"Name":"SH-AWD w\Advance and Entertainment Packages"}, {"ID":2537,"Name":"SH-AWD w\Technology and Entertainment Packages"}, {"ID":954,"Name":"SH-AWD w\Technology Package"}, {"ID":352,"Name":"Technology and Entertainment Packages"}, {"ID":2553,"Name":"Technology Package"}]</pre>														

<b>JSON Response Data Object</b>	<pre>{   "ID": { integer },   "Name": { string } }</pre>
<b>Error Response</b>	<b>Example:</b> <b>Status Code:</b> 401 <b>Json Response:</b> <pre>{"Message": "Unauthorized", "StatusCode": 401}</pre>
<b>Note</b>	<b>ModelID</b> parameter is retrieved from the <b>GetModels</b> REST Method as ID

## GET BODY STYLES

<b>Base URL</b>	https://api.autosaver.com/TradeVue.svc/																	
<b>REST Method Name</b>	GetBodyStyles																	
<b>URI Template</b>	GetBodyStyles?year={year}&modelID={modelID}&trimID={trimID}&key={key}																	
<b>Sample Call</b>	https://api.autosaver.com/TradeVue.svc/GetBodyStyles?year=2010&modelID=7&trimID=1615&key=YOUR_KEY																	
<b>Method</b>	GET																	
<b>Format</b>	JSON																	
<b>Url Params</b>	<table border="1"> <thead> <tr> <th>Parameter Name</th> <th>Data Type</th> <th>Sample Value</th> </tr> </thead> <tbody> <tr> <td>Year</td> <td>Integer</td> <td>2014</td> </tr> <tr> <td>ModelID</td> <td>Integer</td> <td>7</td> </tr> <tr> <td>TrimID</td> <td>Integer</td> <td>1615</td> </tr> <tr> <td>Key</td> <td>String</td> <td>398996FF-8F92-4247-9175-B52D1A0964F3</td> </tr> </tbody> </table>	Parameter Name	Data Type	Sample Value	Year	Integer	2014	ModelID	Integer	7	TrimID	Integer	1615	Key	String	398996FF-8F92-4247-9175-B52D1A0964F3		
Parameter Name	Data Type	Sample Value																
Year	Integer	2014																
ModelID	Integer	7																
TrimID	Integer	1615																
Key	String	398996FF-8F92-4247-9175-B52D1A0964F3																
<b>Success Response</b>	<b>Example:</b> <b>Status Code:</b> 200 <b>Json Response:</b> <pre>[{"ID": 1, "Name": "SUV"}]</pre>																	
<b>JSON Response Data Object</b>	<pre>{   "ID": { integer },   "Name": { string } }</pre>																	

<b>Error Response</b>	<b>Example:</b> <b>StatusCode:</b> 401 <b>Json Reponse:</b> { "Message": "Unauthorized", "StatusCode": 401 }
<b>Note</b>	<b>ModelID</b> parameter is retrieved from the <b>GetModels</b> REST Method as ID <b>TrimID</b> parameter is retrieved from the <b>GetTrimStyles</b> REST Method as ID

## GET ENGINES

<b>Base URL</b>	https://api.autosaver.com/TradeVue.svc/																				
<b>REST Method Name</b>	GetEngines																				
<b>URI Template</b>	GetEngines?year={year}&modelID={modelID}&trimID={trimID}&bodyID={bodyID}&key={key}																				
<b>Sample Call</b>	https://api.autosaver.com/TradeVue.svc/GetEngines?year=2010&modelID=7&trimID=1615&bodyID=1&key=YOUR_KEY																				
<b>Method</b>	GET																				
<b>Format</b>	JSON																				
<b>Url Params</b>	<table border="1"> <thead> <tr> <th>Parameter Name</th> <th>Data Type</th> <th>Sample Value</th> </tr> </thead> <tbody> <tr> <td>Year</td> <td>Integer</td> <td>2014</td> </tr> <tr> <td>ModelID</td> <td>Integer</td> <td>7</td> </tr> <tr> <td>TrimID</td> <td>Integer</td> <td>1615</td> </tr> <tr> <td>BodyID</td> <td>Integer</td> <td>1</td> </tr> <tr> <td>Key</td> <td>String</td> <td>398996FF-8F92-4247-9175-B52D1A0964F3</td> </tr> </tbody> </table>			Parameter Name	Data Type	Sample Value	Year	Integer	2014	ModelID	Integer	7	TrimID	Integer	1615	BodyID	Integer	1	Key	String	398996FF-8F92-4247-9175-B52D1A0964F3
Parameter Name	Data Type	Sample Value																			
Year	Integer	2014																			
ModelID	Integer	7																			
TrimID	Integer	1615																			
BodyID	Integer	1																			
Key	String	398996FF-8F92-4247-9175-B52D1A0964F3																			
<b>Success Response</b>	<b>Example:</b> <b>StatusCode:</b> 200 <b>Json Response:</b> [{"ID":30,"Name":"3.70L 6cyl"}]																				
<b>JSON Response Data Object</b>	<pre>{   "ID": { integer },   "Name": { string } }</pre>																				
<b>Error Response</b>	<b>Example:</b> <b>StatusCode:</b> 401 <b>Json Reponse:</b> { "Message": "Unauthorized", "StatusCode": 401 }																				
<b>Note</b>	<b>ModelID</b> parameter is retrieved from the <b>GetModels</b> REST Method as ID																				

	<p><b>TrimID</b> parameter is retrieved from the <b>GetTrimStyles</b> REST Method as ID</p> <p><b>BodyID</b> parameter is retrieved from the <b>GetBodyStyles</b> REST Method as ID</p>
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## GET TRANSMISSIONS

<b>Base URL</b>	https://api.autosaver.com/TradeVue.svc/																							
<b>REST Method Name</b>	GetTransmissions																							
<b>URI Template</b>	GetTransmissions?year={year}&modelID={modelID}&trimID={trimID}&bodyID={bodyID}&engineID={engineID}&key={key}																							
<b>Sample Call</b>	https://api.autosaver.com/TradeVue.svc/GetTransmissions?year=2010&modelID=7&trimID=1615&bodyID=1&engineID=30&key=YOUR_KEY																							
<b>Method</b>	GET																							
<b>Format</b>	JSON																							
<b>Url Params</b>	<table border="1"> <thead> <tr> <th>Parameter Name</th> <th>Data Type</th> <th>Sample Value</th> </tr> </thead> <tbody> <tr> <td>Year</td> <td>Integer</td> <td>2014</td> </tr> <tr> <td>ModelID</td> <td>Integer</td> <td>7</td> </tr> <tr> <td>TrimID</td> <td>Integer</td> <td>1615</td> </tr> <tr> <td>BodyID</td> <td>Integer</td> <td>1</td> </tr> <tr> <td>EngineID</td> <td>Integer</td> <td>30</td> </tr> <tr> <td>Key</td> <td>String</td> <td>398996FF-8F92-4247-9175-B52D1A0964F3</td> </tr> </tbody> </table>			Parameter Name	Data Type	Sample Value	Year	Integer	2014	ModelID	Integer	7	TrimID	Integer	1615	BodyID	Integer	1	EngineID	Integer	30	Key	String	398996FF-8F92-4247-9175-B52D1A0964F3
Parameter Name	Data Type	Sample Value																						
Year	Integer	2014																						
ModelID	Integer	7																						
TrimID	Integer	1615																						
BodyID	Integer	1																						
EngineID	Integer	30																						
Key	String	398996FF-8F92-4247-9175-B52D1A0964F3																						
<b>Success Response</b>	<p><b>Example:</b>  <b>Status Code:</b> 200</p> <p><b>Json Response:</b>  [{"ID":9,"Name":"6 speed Shiftable automatic"}]</p>																							
<b>JSON Response Data Object</b>	<pre>{   "ID": { integer },   "Name": { string } }</pre>																							
<b>Error Response</b>	<p><b>Example:</b>  <b>Status Code:</b> 401</p> <p><b>Json Response:</b>  {"Message":"Unauthorized","StatusCode":401}</p>																							
<b>Note</b>	<p><b>ModelID</b> parameter is retrieved from the <b>GetModels</b> REST Method as ID</p> <p><b>TrimID</b> parameter is retrieved from the <b>GetTrimStyles</b> REST Method as ID</p>																							

	<p><b>BodyID</b> parameter is retrieved from the <b>GetBodyStyles</b> REST Method as ID</p> <p><b>EngineID</b> parameter is retrieved from the <b>GetEngines</b> REST Method as ID</p>
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## GET DRIVETRAIN

<b>Base URL</b>	<a href="https://api.autosaver.com/TradeVue.svc/">https://api.autosaver.com/TradeVue.svc/</a>		
<b>REST Method Name</b>	<b>GetDrivetrains</b>		
<b>URI Template</b>	<b>GetDrivetrains?year={year}&amp;modelID={modelID}&amp;trimID={trimID}&amp;bodyID={bodyID}&amp;engineID={engineID}&amp;transmissionID={transmissionID}&amp;key={key}</b>		
<b>Sample Call</b>	<a href="https://api.autosaver.com/TradeVue.svc/GetDrivetrains?year=2010&amp;modelID=7&amp;trimID=1615&amp;bodyID=1&amp;engineID=30&amp;transmissionID=9&amp;key=YOUR_KEY">https://api.autosaver.com/TradeVue.svc/GetDrivetrains?year=2010&amp;modelID=7&amp;trimID=1615&amp;bodyID=1&amp;engineID=30&amp;transmissionID=9&amp;key=YOUR_KEY</a>		
<b>Method</b>	GET		
<b>Format</b>	JSON		
<b>Url Params</b>	<b>Parameter Name</b>	<b>Data Type</b>	<b>Sample Value</b>
	<b>Year</b>	Integer	2014
	<b>ModelID</b>	Integer	7
	<b>TrimID</b>	Integer	1615
	<b>BodyID</b>	Integer	1
	<b>EngineID</b>	Integer	30
	<b>TransmissionID</b>	Integer	9
	<b>Key</b>	String	398996FF-8F92-4247-9175-B52D1A0964F3
<b>Success Response</b>	<p><b>Example:</b>  <b>Status Code:</b> 200</p> <p><b>Json Response:</b>  [{"ID":2, "Name": "AWD (all wheel drive)"}]</p>		
<b>JSON Response Data Object</b>	<pre>{   "ID": { integer },   "Name": { string } }</pre>		
<b>Error Response</b>	<p><b>Example:</b>  <b>Status Code:</b> 401</p> <p><b>Json Response:</b>  {"Message": "Unauthorized", "StatusCode": 401}</p>		
<b>Note</b>	<b>ModelID</b> parameter is retrieved from the <b>GetModels</b> REST Method as ID		

<p><b>TrimID</b> parameter is retrieved from the <b>GetTrimStyles</b> REST Method as ID</p> <p><b>BodyID</b> parameter is retrieved from the <b>GetBodyStyles</b> REST Method as ID</p> <p><b>EngineID</b> parameter is retrieved from the <b>GetEngines</b> REST Method as ID</p> <p><b>TransmissionID</b> parameter is retrieved from the <b>GetTransmissions</b> REST Method as ID</p>
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## GET VEHICLE APPRAISAL VALUE

<b>Base URL</b>	https://api.autosaver.com/TradeVue.svc/		
<b>REST Method Name</b>	GetDealerTradeIn		
<b>URI Template</b>	GetDealerTradeIn?modelID={modelID}&year={year}&trimID={trimID}&bodyID={bodyID}&engineID={engineID}&transmissionID={transmissionID}&drivetrainID={drivetrainID}&mileage={mileage}&zipCode={zipCode}&key={key}		
<b>Sample Call</b>	https://api.autosaver.com/TradeVue.svc/GetDealerTradeIn?year=2010&modelID=7&trimID=1615&bodyID=1&engineID=30&transmissionID=9&drivetrainID=2&mileage=43222&zipCode=30341&key=YOUR_KEY		
<b>Method</b>	GET		
<b>Format</b>	JSON		
<b>Url Params</b>	<b>Parameter Name</b>	<b>Data Type</b>	<b>Sample Value</b>
	Year	Integer	2014
	ModelID	Integer	7
	TrimID	Integer	1615
	BodyID	Integer	1
	EngineID	Integer	30
	TransmissionID	Integer	9
	DrivetrainID	Integer	2
	Mileage	Integer	43222
	ZipCode	String	30341
	Key	String	398996FF-8F92-4247-9175-B52D1A0964F3
<b>Success Response</b>	<p><b>Example:</b>  <b>Status Code:</b> 200</p> <p><b>Json Response:</b>  {"LevelOne":29544,"LevelTwo":28723,"LevelThree":28176,"LevelFour":27355,"LevelFive":26535,"LevelSix":25988,"LevelSeven":25167,"PriceRangeLow":25167,"PriceRangeHigh":29544,"RoughTrade":25167,"AverageTrade":27355,"CleanTrade":29544}</p>		



<b>JSON Response Data Object</b>	<pre> {   "LevelOne": { decimal },   "LevelTwo": { decimal },   "LevelThree": { decimal },   "LevelFour": { decimal },   "LevelFive": { decimal },   "LevelSix": { decimal },   "LevelSeven": { decimal },   "PriceRangeLow": { decimal },   "PriceRangeHigh": { decimal },   "RoughTrade": { decimal },   "AverageTrade": { decimal },   "CleanTrade": { decimal } } </pre>
<b>Error Response</b>	<b>Example:</b> <b>Status Code:</b> 401 <b>Json Reponse:</b> {"Message": "Unauthorized", "StatusCode": 401}
<b>Note</b>	<p><b>ModelID</b> parameter is retrieved from the <b>GetModels</b> REST Method as ID</p> <p><b>TrimID</b> parameter is retrieved from the <b>GetTrimStyles</b> REST Method as ID</p> <p><b>BodyID</b> parameter is retrieved from the <b>GetBodyStyles</b> REST Method as ID</p> <p><b>EngineID</b> parameter is retrieved from the <b>GetEngines</b> REST Method as ID</p> <p><b>TransmissionID</b> parameter is retrieved from the <b>GetTransmissions</b> REST Method as ID</p> <p><b>DrivetrainID</b> parameter is retrieved from the <b>GetDrivetrains</b> REST Method as ID</p> <p>-----</p> <p><b>LevelOne</b> to <b>LevelSeven</b> from the JSON result will go from the top to the bottom of the VRM Diamond respectively.</p> <p><b>AverageTrade</b> from the JSON result represents the vehicle appraisal value</p>

## DECODE VIN

This method is used for decoding VIN and returns full vehicle details and it is not related to Trade-Vue methods above.

<b>Base URL</b>	<a href="https://api.autosaver.com/TradeVue.svc/">https://api.autosaver.com/TradeVue.svc/</a>
<b>REST Method Name</b>	<b>DecodeVin</b>
<b>URI Template</b>	<b>DecodeVin?vin={vin}&amp;key={key}</b>

<b>Sample Call</b>	https://api.autosaver.com/TradeVue.svc/DecodeVin?vin=1B3EL46X34N240453&key=YOUR_KEY											
<b>Method</b>	GET											
<b>Format</b>	JSON											
<b>Url Params</b>	<table border="1"> <thead> <tr> <th>Parameter Name</th> <th>Data Type</th> <th>Sample Value</th> </tr> </thead> <tbody> <tr> <td>VIN</td> <td>String</td> <td>1B3EL46X34N240453</td> </tr> <tr> <td>Key</td> <td>String</td> <td>398996FF-8F92-4247-9175-B52D1A0964F3</td> </tr> </tbody> </table>			Parameter Name	Data Type	Sample Value	VIN	String	1B3EL46X34N240453	Key	String	398996FF-8F92-4247-9175-B52D1A0964F3
Parameter Name	Data Type	Sample Value										
VIN	String	1B3EL46X34N240453										
Key	String	398996FF-8F92-4247-9175-B52D1A0964F3										
<b>Success Response</b>	<p><b>Example:</b>  <b>Status Code:</b> 200</p> <p><b>Json Response:</b>  <pre>[{"VehicleName": "SXT 4dr Sedan (2.4L 4cyl 4A)", "Year": 2004, "Make": "Dodge", "Model": "Stratus", "Trim": "SXT", "Body": "Sedan", "EngineSize": 2.4, "EngineType": "gas", "EngineCylinder": 4, "Transmission": "4A", "TransmissionType": "AUTOMATIC", "AutomaticType": null, "Number OfSpeeds": "4", "VehicleType": "Car", "FuelType": "regular unleaded", "DrivenWheels": "front wheel drive", "Doors": 4, "BaseMSRP": 19970, "MpgCity": 20, "MpgHighway": 27, "MakeID": 15, "ModelID": 312, "TransmissionID": 1, "BodyID": 3, "EngineID": 683, "TrimID": 2601}]</pre></p>											

<b>JSON Response Data Object</b>	<pre> {     "VehicleName": {string},     "Year": {integer},     "Make": {string},     "Model": {string},     "Trim": {string},     "Body": {string},     "EngineSize": {nullable decimal},     "EngineType": {string},     "EngineCylinder": {nullable integer},     "Transmission": {string},     "TransmissionType": {string},     "AutomaticType": {string},     "NumberOfSpeeds": {string},     "VehicleType": {string},     "FuelType": {string},     "DrivenWheels": {string},     "Doors": {nullable integer},     "BaseMSRP": {nullable integer},     "MpgCity": {nullable integer},     "MpgHighway": {nullable integer},     "MakeID": { integer },     "ModelID": { integer },     "TransmissionID": { integer },     "BodyID": { integer },     "EngineID": { integer },     "TrimID": { integer } } </pre>
<b>Error Response</b>	<b>Example:</b> <b>Status Code:</b> 401 <b>Json Reponse:</b> {"Message": "Unauthorized", "StatusCode": 401}
<b>Note</b>	For some VINs the decoder returns several vehicles which differ by Trim, Engine or Transmission. Because it is not always possible to decode these parameters and the decoder returns all the possible variations of a vehicle.