



Car Data API's: Autoconnect CARWIZARD REST API current v1.3

Version: 06/2017

The Autoconnect CARWIZARD REST service is a REST service to consult the Autoconnect CARWIZARD database for passenger cars and light commercial vehicles that are currently for sale on the Belgian market.

For data relating to vehicles that are no longer available, we kindly refer you to the other application of this service, the Autoconnect CARWIZARD REST API history.

In order to use this service, an API-key is required. Based on this key, we will keep track of every transaction. Only calls for versions and details of versions (with the catalog price) will be added to your invoice. You can retrieve makes and models for free if you have a valid subscription to this service and if you regularly make payable request.

The basic URL is the following: <http://api.inmotiv.be/rest/carwizard/1.3/>

This URL can be extended according to your wishes with the following: "makes", "models", "versions", "versiondetails" (in order of appearance)

This is followed by your assigned API-key, and followed by the id of the make/model/version of the vehicle.

For a versiondetail, your version number should be followed by the list of data blocks.

1. Calls for makes

URL Example: <https://api.inmotiv.be/rest/carwizard/1.3/makes/<API-key>>

```
<Cardata>
  <Request>
    <APIVersion>1.3</APIVersion>
    <Language>NL</Language>
    <MemberId>6</MemberId>
    <MemberName>Impact Software Admin</MemberName>
  </Request>
  <Makelist>
    <Make makeid="88">ABARTH</Make>
    <Make makeid="1">ALFA ROMEO</Make>
    <Make makeid="4">ASTON MARTIN</Make>
    <Make makeid="5">AUDI</Make>
    <Make makeid="7">BENTLEY</Make>
    <Make makeid="8">BMW</Make>
  </Makelist>
</Cardata>
```

2. Calls for models of a certain make

Example URL: <https://api.inmotiv.be/rest/carwizard/1.3/models/<API-key>/47>

In this example the make-id: 47, Peugeot.

```
<Cardata>
  <Request>
    <APIVersion>1.3</APIVersion>
    <Language>NL</Language>
    <MemberId>6</MemberId>
    <MemberName>Impact Software Admin</MemberName>
    <Make makeid="47">PEUGEOT</Make>
  </Request>
  <Modellist>
    <Model modelid="4737">
      <Modelname>108</Modelname>
      <Category categoryid="1">Stadswagen</Category>
      <Segment segmentid="2">B</Segment>
    </Model>
    <Model modelid="4838">
      <Modelname>208</Modelname>
      <Category categoryid="1">Stadswagen</Category>
      <Segment segmentid="2">B</Segment>
    </Model>
    <Model modelid="4453">
      <Modelname>iOn</Modelname>
      <Category categoryid="1">Stadswagen</Category>
      <Segment segmentid="2">B</Segment>
    </Model>
    <Model modelid="4231">
      <Modelname>Bipper</Modelname>
      <Category categoryid="11">Utilitair voertuig</Category>
      <Segment segmentid="13">Utilitair</Segment>
    </Model>
    <Model modelid="4086">
      <Modelname>Boxer</Modelname>
      <Category categoryid="11">Utilitair voertuig</Category>
      <Segment segmentid="13">Utilitair</Segment>
    </Model>
    <Model modelid="4118">
      <Modelname>Expert</Modelname>
      <Category categoryid="11">Utilitair voertuig</Category>
      <Segment segmentid="13">Utilitair</Segment>
    </Model>
    <Model modelid="4272">
      <Modelname>Partner New</Modelname>
      <Category categoryid="11">Utilitair voertuig</Category>
      <Segment segmentid="13">Utilitair</Segment>
    </Model>
  </Modellist>
</Cardata>
```

3. Calls for versions of a certain model

Example URL: <https://api.inmotiv.be/rest/carwizard/1.3/versions/<API-key>/4459>

In this example the model ID is: 4434

```
<Cardata>
  <Request>
    <Version>1.3</Version>
    <Language>NL</Language>
    <MemberId>6</MemberId>
    <MemberName>Impact Software Admin</MemberName>
    <Make makeid="5">AUDI</Make>
    <Model modelid="4434">A1</Model>
  </Request>
  <Versionlist>
    <Version versionid="15031486">
      <Versionname>TDI Ambition</Versionname>
      <ModelYear>2011</ModelYear>
      <StartPriceList>2011-04-08</StartPriceList>
      <Numberofdoors>3</Numberofdoors>
      <CylindercontentL unit="liter">1.6</CylindercontentL>
      <PowerHp unit="Hp">90</PowerHp>
      <Fueltype fueltypeid="1">DIESEL</Fueltype>
      <Bodyworktype bodyworktypeid="1">Berline</Bodyworktype>
    </Version>
    <Version versionid="15031484">
      <Versionname>TDI Attraction</Versionname>
      <ModelYear>2011</ModelYear>
      <StartPriceList>2011-04-08</StartPriceList>
      <Numberofdoors>3</Numberofdoors>
      <CylindercontentL unit="liter">1.6</CylindercontentL>
      <PowerHp unit="Hp">90</PowerHp>
      <Fueltype fueltypeid="1">DIESEL</Fueltype>
      <Bodyworktype bodyworktypeid="1">Berline</Bodyworktype>
    </Version>
    <Version versionid="15031485">
      <Versionname>TDI S-Line</Versionname>
      <ModelYear>2011</ModelYear>
      <StartPriceList>2011-04-08</StartPriceList>
      <Numberofdoors>3</Numberofdoors>
      <CylindercontentL unit="liter">1.6</CylindercontentL>
      <PowerHp unit="Hp">90</PowerHp>
      <Fueltype fueltypeid="1">DIESEL</Fueltype>
      <Bodyworktype bodyworktypeid="1">Berline</Bodyworktype>
    </Version>
  </Versionlist>
</Cardata>
```

4. Calls for details per version

The available information is grouped in data blocks. Each data block is identified by a letter. Several data blocks can be requested in one API call, by writing them together.

G	General car block
T	Technical block
L	Electrical vehicle data block
M	Measurement block
F	Financial block
A	Fiscal block
Q	Equipment block
P	Options and packs block
H	Photo block

<https://api.inmotiv.be/rest/carwizard/1.3/versiondetail/<API-key>/15074465/GTMFAQPH>

In this example the version is 15074465 and we requested data blocks: GTLMFAQPH (the L block is fictional)

```
<?xml version="1.0"?>
<Cardata xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <Request>
    <APIVersion>1.3</APIVersion>
    <Language>NL</Language>
    <MemberId>6</MemberId>
    <MemberName>Impact Software Admin</MemberName>
    <Make makeid="5">AUDI</Make>
    <Model modelid="4434">A1</Model>
    <Version verid="15074465">TDi Ultra FAP</Version>
  </Request>
  <Block xsi:type="G" type="G" name="General Car Data Block">
    <Versionname>TDi Ultra FAP</Versionname>
    <Bodyworktype>Hatchback</Bodyworktype>
    <FuelType>DIESEL</FuelType>
    <CylindercontentL unit="liter">1.4</CylindercontentL>
    <TotalCylinderCapacity unit="cm3">1422</TotalCylinderCapacity>
    <MaxNetPowerkW unit="kW">66</MaxNetPowerkW>
    <MaxNetPowerHp unit="Hp">90</MaxNetPowerHp>
    <TaxableHp>8</TaxableHp>
    <ConstructCode>8XKAR4</ConstructCode>
    <GearBox>MAN. 5 VERSN.</GearBox>
    <Propulsion>VOORWIELAANDRIJVING</Propulsion>
    <Segment>B</Segment>
    <Numberofdoors>3</Numberofdoors>
    <NumberOfSeats>4</NumberOfSeats>
    <PersUtil>P</PersUtil>
    <ModelYear>2017</ModelYear>
    <StartPriceList>2017-04-01</StartPriceList>
    <CountryOrigin>D</CountryOrigin>
    <Special>2</Special>
  </Block>
  <Block xsi:type="T" type="T" name="Technical Car Data Block">
    <RPM>3250</RPM>
    <Couple>230</Couple>
  </Block>
</Cardata>
```

```

<CoupleTMin>2500</CoupleTMin>
<NumberOfCylindres>L4</NumberOfCylindres>
<NumberOfValves>2</NumberOfValves>
<Turbo>Y</Turbo>
<Boring>80</Boring>
<Stroke>95.5</Stroke>
<FuelConsumptionUrban>4.1</FuelConsumptionUrban>
<FuelConsumptionExtraUrban>3.3</FuelConsumptionExtraUrban>
<FuelConsumptionExtraCombined>3.6</FuelConsumptionExtraCombined>
<Co2Combined unit="g/km">94</Co2Combined>
<EuroNorm>EURO6</EuroNorm>
<BrakesFront brakesfrontid="3">GEVENT. SCHIJVEN</BrakesFront>
<BrakesBack brakesbackid="2">SCHIJVEN</BrakesBack>
<TyreTypeFront>185/60 R 15 V </TyreTypeFront>
<TyreTypeBack>185/60 R 15 V </TyreTypeBack>
</Block>
<Block xsi:type="L" type="L" name="Electrical vehicle data">
  <NumberOfBatteries>0</NumberOfBatteries>
  <BatteryCapacity unit="Ah">94</BatteryCapacity>
  <BatteryPower unit="kWh">33.0</BatteryPower>
  <BatteryVoltage unit="Volt">353.000</BatteryVoltage>
  <BatteryWeight unit="kg">0</BatteryWeight>
  <MaximumAlternatorCapacity unit="amps">0.000</MaximumAlternatorCapacity>
  <ChargeTime unit="minutes">588</ChargeTime>
  <SpeedChargeTime unit="minutes">78</SpeedChargeTime>
  <CombinedPowerHP>0</CombinedPowerHP>
  <CombinedPowerKw>0</CombinedPowerKw>
  <ElectricalConsumption unit="kWh">13.000</ElectricalConsumption>
  <ActionRadiusExecutiveElectric unit="km">312</ActionRadiusExecutiveElectric>
  <ElectricalPowerType>Permanente magneet</ElectricalPowerType>
  <ElectricalPowerKw unit="Kw">125</ElectricalPowerKw>
  <ElectricalPowerHP unit="HP">170</ElectricalPowerHP>
  <ElectricalEngineTorque unit="Nm">250</ElectricalEngineTorque>
  <PowerTrain>Full Electric Vehicles</PowerTrain>
</Block>
<Block xsi:type="M" type="M" name="Measurements Car Data Block">
  <MassInRunningOrder>1165</MassInRunningOrder>
  <MaxAllowedMass>1585</MaxAllowedMass>
  <Wheelbase>2469</Wheelbase>
  <AxleWidthFront>1477</AxleWidthFront>
  <AxleWidthBack>1471</AxleWidthBack>
  <Steering>10.6</Steering>
  <RideHeight>1416</RideHeight>
  <TruncCapacity>270</TruncCapacity>
  <TruncCapacityFolded>920</TruncCapacityFolded>
  <TankVolume>45</TankVolume>
  <Length>3973</Length>
  <Width>1740</Width>
  <Height>1416</Height>
</Block>
<Block xsi:type="F" type="F" name="Financial Data Block">
  <CatalogPrice unit="EUR" VAT="excl">16033.05</CatalogPrice>
  <FleetReductionPct>5,00</FleetReductionPct>
</Block>
<Block xsi:type="A" type="A" name="Fiscal Data Block">
  <Disclaimer>

```

<NL>De resultaten van de simulatie zijn louter informatief en hebben geen juridische bewijskracht. Onjuist gebruik van de toepassing of de invoer van verkeerde gegevens kunnen zorgen voor een resultaat dat verschilt van het bedrag op het aanslagbiljet.</NL>

<FR>Les résultats de cette simulation sont seulement à titre d'information et n'ont pas de valeur juridique. Une utilisation figuré de l'application ou

l'introduction de données fautives peuvent mener à un résultat différent de celui calculé sur votre avertissement d'impot.</FR>

<EN>The results of the simulation are purely informative and have no evidentiary value. Improper use of the application or the input of wrong data may provide a result that is different from the amount on the tax bill.</EN>

```
</Disclaimer>
<BenefitInKind>
  <Amount>1280.00</Amount>
  <Remarks/>
  <Url>http://financien.belgium.be/nl/particulieren/vervoer/bedrijfswagens</Url>
</BenefitInKind>
<RoadTaxFlanders>
  <Amount>177.05</Amount>
  <Remarks/>
  <Url>https://belastingen.fenb.be/vfp-portal-pub2-
web/simulatieVerkeersbelasting.html</Url>
</RoadTaxFlanders>
<RoadTaxBrussels>
  <Amount>231.13</Amount>
  <Remarks/>

<Url>http://www.belgium.be/nl/mobiliteit/Voertuigen/verkeersbelasting_en_verzekering/ve
rkeersbelasting</Url>
</RoadTaxBrussels>
<RoadTaxWalloon>
  <Amount>231.13</Amount>
  <Remarks/>
  <Url> http://www.wallonie.be/fr/taxe-de-circulation</Url>
</RoadTaxWalloon>
<RegistrationTaxFlanders>
  <Amount>71.91</Amount>
  <Remarks/>
  <Url>http://www.vlaanderen.be/nl/mobiliteit-en-openbare-
werken/voertuigen/belasting-op-de-inverkeerstelling-biv</Url>
</RegistrationTaxFlanders>
<RegistrationTaxBrussels>
  <Amount>61.50</Amount>
  <Remarks/>

<Url>http://financien.belgium.be/nl/particulieren/vervoer/inschrijving_en_belastingen/b
elasting_op_de_inverkeerstelling</Url>
</RegistrationTaxBrussels>
<RegistrationTaxWalloon>
  <Amount>61.50</Amount>
  <Remarks/>
  <Url>http://www.wallonie.be/fr/taxe-de-mise-en-circulation</Url>
</RegistrationTaxWalloon>
<FiscalHorsePower>
  <Amount>8.00</Amount>
  <Remarks/>
  <Url/>
</FiscalHorsePower>
<EcoScore>
  <Amount>73.41</Amount>
  <Remarks/>
  <Url/>
</EcoScore>
</Block>
<Block xsi:type="Q" type="Q" name="Standard Equipment Block">
  <Equipment mainsequence="A" sequence="A1" equipmentid="15023323" optionkey="16">
    <MainCategoryNameNL>Interieur</MainCategoryNameNL>
    <MainCategoryNameFR>Interieur</MainCategoryNameFR>
    <CategoryNameNL>Zetels</CategoryNameNL>
```

```

    <CategoryNameFR>Sièges</CategoryNameFR>
    <EquipmentNameNL>Rugleuning van de achterbank in 2 delen of in zijn geheel
neerklapbaar</EquipmentNameNL>
    <EquipmentNameFR>Banquette AR rabattable en 2 parties ou
complètement</EquipmentNameFR>
    <ConstructCode/>
  </Equipment>
  <Equipment mainsequence="D" sequence="D4" equipmentid="19309" optionkey="212">
    <MainCategoryNameNL>Comfort</MainCategoryNameNL>
    <MainCategoryNameFR>Comfort</MainCategoryNameFR>
    <CategoryNameNL>Stuurinrichting</CategoryNameNL>
    <CategoryNameFR>Direction / volant</CategoryNameFR>
    <EquipmentNameNL>In de hoogte en diepte regelbare stuurkolom</EquipmentNameNL>
    <EquipmentNameFR>Colonne de direction réglable en hauteur et en
profondeur</EquipmentNameFR>
  </Equipment>
  <Equipment mainsequence="E" sequence="E2" equipmentid="15083430" optionkey="59">
    <MainCategoryNameNL>Lading</MainCategoryNameNL>
    <MainCategoryNameFR>Lading</MainCategoryNameFR>
    <CategoryNameNL>Lading interieur</CategoryNameNL>
    <CategoryNameFR>Charge intérieur</CategoryNameFR>
    <EquipmentNameNL>Pack niet-roker</EquipmentNameNL>
    <EquipmentNameFR>Pack non-fumeur</EquipmentNameFR>
    <ConstructCode>9JA</ConstructCode>
  </Equipment>
</Block>
<Block xsi:type="P" type="P" name="Options and Packs Block">
  <Option mainsequence="A" sequence="A1" optionid="15035221" optionkey="57">
    <MainCategoryNameNL>Interieur</MainCategoryNameNL>
    <MainCategoryNameFR>Interieur</MainCategoryNameFR>
    <CategoryNameNL>Zetels</CategoryNameNL>
    <CategoryNameFR>Sièges</CategoryNameFR>
    <OptionNameNL>Centrale armsteun vooraan met opbergvak</OptionNameNL>
    <OptionNameFR>Accoudoir centrale avant avec espace de rangement</OptionNameFR>
    <ConstructCode>6E3</ConstructCode>
    <OptionPrice unit="EUR" VAT="excl">150.00</OptionPrice>
    <OptionInfoNL/>
    <OptionInfoFR/>
  </Option>
  <Option mainsequence="A" sequence="A1" optionid="15084138" optionkey="247">
    <MainCategoryNameNL>Interieur</MainCategoryNameNL>
    <MainCategoryNameFR>Interieur</MainCategoryNameFR>
    <CategoryNameNL>Zetels</CategoryNameNL>
    <CategoryNameFR>Sièges</CategoryNameFR>
    <OptionNameNL>Sportzetels vooraan</OptionNameNL>
    <OptionNameFR>Sièges sport à l'avant</OptionNameFR>
    <ConstructCode>PS1</ConstructCode>
    <OptionPrice unit="EUR" VAT="excl">335.00</OptionPrice>
    <OptionInfoNL/>
    <OptionInfoFR/>
  </Option>
  <Option mainsequence="C" sequence="C1" optionid="15084129" optionkey="116">
    <MainCategoryNameNL>Veiligheid</MainCategoryNameNL>
    <MainCategoryNameFR>Veiligheid</MainCategoryNameFR>
    <CategoryNameNL>Sloten</CategoryNameNL>
    <CategoryNameFR>Serrures</CategoryNameFR>
    <OptionNameNL>Advanced Key met volumetrisch en perimetrisch alarm</OptionNameNL>
    <OptionNameFR>Clé confort avec alarme volumétrique et périmétrique</OptionNameFR>
    <ConstructCode>PG3</ConstructCode>
    <OptionPrice unit="EUR" VAT="excl">700.00</OptionPrice>
    <OptionInfoNL/>
    <OptionInfoFR/>
  </Option>

```

```

<Option mainsequence="F" sequence="F" optionid="15120578" optionkey="177">
  <MainCategoryNameNL>Packs</MainCategoryNameNL>
  <MainCategoryNameFR>Packs</MainCategoryNameFR>
  <CategoryNameNL>Packs</CategoryNameNL>
  <CategoryNameFR>Packs</CategoryNameFR>
  <OptionNameNL>Pack Business</OptionNameNL>
  <OptionNameFR>Pack Business</OptionNameFR>
  <ConstructCode>T110</ConstructCode>
  <OptionPrice unit="EUR" VAT="excl">2272.73</OptionPrice>
  <OptionInfoNL/>
  <OptionInfoFR/>
  <PackOptions>
    <Option id="15006380" nameFR="Allumage et extinction de phares automatique avec
fonction coming(leaving)-home " nameNL="Automatisch in- en uitschakelen van de
koplampen en coming(leaving)-home funct. " ConstructCode="8N6"/>
    <Option id="15028603" nameFR="Peinture métallisée" nameNL="Metaalkleur"
ConstructCode=""/>
    <Option id="15035203" nameFR="Bande assombri sur la pare brise"
nameNL="Voortuit met verduisterde band bovenaan" ConstructCode="4GH"/>
    <Option id="15035287" nameFR="Climatisation électronique, monozone"
nameNL="Elektronische klimaatregeling, monozone" ConstructCode="9AK"/>
    <Option id="15047274" nameFR="Système de navigation GPS avec carte SD"
nameNL="GPS met SD-kaart" ConstructCode="PNU"/>
    <Option id="15084159" nameFR="Volant multifonctions sport gainé de cuir à 3
branches" nameNL="3-spakig multifunctiesportstuur met leder bekled"
ConstructCode="1XW"/>
    <Option id="15084189" nameFR="Acoustic Parking System arrière" nameNL="Acoustic
Parking System (APS) achteraan" ConstructCode="7X1"/>
    <Option id="15084203" nameFR="C&#xE2;ble Audi music interface" nameNL="Audi
music interface kabel" ConstructCode=""/>
    <Option id="15085201" nameFR="Jantes en alliage léger 6x15 ''5 branches
design'' pneus 185/60 R15" nameNL="Lichtmetalen velgen 6x15 ''5 spaken design''
gedeeltelijk gepolijst, banden 185/" ConstructCode="C7H"/>
    <Option id="15085223" nameFR="Pack Connectivity" nameNL="Pack Connectivity"
ConstructCode="PNV"/>
  </PackOptions>
</Option>
</Block>
<Block xsi:type="H" type="H" name="Photo block">
  <Photo>
    <Name>photo_1</Name>
    <Url>https://api.inmotiv.be/rest/carwizard/Photo/54666f96-6748-4ad6-a86b-
575bf219d049/974339f8-f3f7-43bb-a513-7ea534304212</Url>
  </Photo>
  <Photo>
    <Name>photo_2</Name>
    <Url>https://api.inmotiv.be/rest/carwizard/Photo/54666f96-6748-4ad6-a86b-
575bf219d049/31bd859b-9c29-4b9e-bf8c-43002c95cf83</Url>
  </Photo>
  <Photo>
    <Name>photo_3</Name>
    <Url>https://api.inmotiv.be/rest/carwizard/Photo/54666f96-6748-4ad6-a86b-
575bf219d049/4a4c67f2-23f8-4af0-84fb-7a18205ea0a3</Url>
  </Photo>
</Block>
</Cardata>

```




Questions?

Do not hesitate to contact us should you need any further information or a test API key:

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