



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

Version: 06/2017

The Autoconnect CARWIZARD “history” REST service contains data of passenger cars and light trucks that have been for sale in the Belgian market from 1996 on. Since the amount of data to describe a vehicle has increased over years, data quality is better for more recent vehicles and older vehicle profiles are less filled, especially for vehicles which are more than 10 years old.

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 version details (with the catalog price) will be added to your invoice. You can retrieve makes and models for free.

The basic URL is the following:

<http://api.inmotiv.be/rest/carwizard/1.3/history/>

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 the reference date.

The reference date is the historical date from which you would like to retrieve information. Format: YYYYMMDD.

This date is followed by the id of the make/model/version of the vehicle.

Versions can be followed by data blocks to retrieve version details.

1. Calls for makes

Makes on 01/01/2009:

<http://api.inmotiv.be/rest/carwizard/1.3/history/makes/<API-key>/20090101>

```
<CardataHist>
  <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="3">ASIA</Make>
```



```
<Make makeid="4">ASTON MARTIN</Make>
<Make makeid="5">AUDI</Make>
<Make makeid="7">BENTLEY</Make>
<Make makeid="8">BMW</Make>
<Make makeid="105">BMW ALPINA</Make>
<Make makeid="11">CADILLAC</Make>
<Make makeid="13">CHEVROLET</Make>
<Make makeid="14">CHRYSLER</Make>
<Make makeid="15">CITROEN</Make>
<Make makeid="112">CORVETTE</Make>
<Make makeid="111">DACIA</Make>
<Make makeid="16">DAEWOO</Make>
<Make makeid="17">DAIHATSU</Make>
</Makelist>
</CardataHist>
```

2. Calls for models of a certain make

Models of make-ID 47 on 01/01/2009:

<http://api.inmotiv.be/rest/carwizard/1.3/history/models/<API-key>/20090101/47>

```
<CardataHist>
  <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="3991">
    <Model modelid="4194">
      <Modelname>308</Modelname>
      <Category categoryid="2">Berline</Category>
      <Segment segmentid="3">C</Segment>
    </Model>
    <Model modelid="3423">
      <Modelname>407</Modelname>
      <Category categoryid="2">Berline</Category>
      <Segment segmentid="4">D</Segment>
    </Model>
    <Model modelid="3279">
      <Modelname>607</Modelname>
      <Category categoryid="2">Berline</Category>
      <Segment segmentid="5">H1</Segment>
    </Model>
    <Model modelid="4197">
      <Modelname>4007</Modelname>
      <Category categoryid="9">SUV</Category>
      <Segment segmentid="7">4 x 4</Segment>
    </Model>
    <Model modelid="3283">
      <Modelname>307 Break</Modelname>
      <Category categoryid="3">Break</Category>
      <Segment segmentid="10">Break</Segment>
    </Model>
    <Model modelid="3929">
      <Modelname>407 SW</Modelname>
```

```

        <Category categoryid="3">Break</Category>
        <Segment segmentid="10">Break</Segment>
    </Model>
    <Model modelid="4137">
        <Modelname>207 CC</Modelname>
        <Category categoryid="6">Cabrio</Category>
        <Segment segmentid="12">Cabrio</Segment>
    </Model>
    <Model modelid="4272">
        <Modelname>Partner</Modelname>
        <Category categoryid="11">Utilitair voertuig</Category>
        <Segment segmentid="13">Utilitair</Segment>
    </Model>
</Modellist>
</CardataHist>

```

3. Calls for versions of a certain make

Versions of model-ID 3279 on 01/01/2009:

<http://api.inmotiv.be/rest/carwizard/1.3/history/versions/<API-key>/20090101/3279>

```

<CardataHist>
  <Request>
    <Language>NL</Language>
    <MemberId>6</MemberId>
    <MemberName>Impact Software Admin</MemberName>
    <Make makeid="47">PEUGEOT</Make>
    <Model modelid="3279">607</Model>
  </Request>
  <Versionlist>
    <Version versionid="78397">
      <Versionname>HDi Ivoire FAP</Versionname>
      <Numberofdoors>4</Numberofdoors>
      <CilindercontentL unit="liter">2.0</CilindercontentL>
      <PowerHp unit="Hp">136</PowerHp>
      <Fueltype>DIESEL</Fueltype>
      <Bodyworktype>Sedan</Bodyworktype>
    </Version>
    <Version versionid="78381">
      <Versionname>HDi Titane FAP</Versionname>
      <Numberofdoors>4</Numberofdoors>
      <CilindercontentL unit="liter">2.0</CilindercontentL>
      <PowerHp unit="Hp">136</PowerHp>
      <Fueltype>DIESEL</Fueltype>
      <Bodyworktype>Sedan</Bodyworktype>
    </Version>
    <Version versionid="78394">
      <Versionname>HDi Ivoire FAP Aut.</Versionname>
      <Numberofdoors>4</Numberofdoors>
      <CilindercontentL unit="liter">2.7</CilindercontentL>
      <PowerHp unit="Hp">204</PowerHp>
      <Fueltype>DIESEL</Fueltype>
      <Bodyworktype>Sedan</Bodyworktype>
    </Version>
    <Version versionid="78385">
      <Versionname>HDi Titane FAP Aut.</Versionname>
      <Numberofdoors>4</Numberofdoors>
      <CilindercontentL unit="liter">2.7</CilindercontentL>
      <PowerHp unit="Hp">204</PowerHp>
      <Fueltype>DIESEL</Fueltype>
    </Version>
  </Versionlist>
</CardataHist>

```

```

        <Bodyworktype>Sedan</Bodyworktype>
    </Version>
</Versionlist>
</CardataHist>

```

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

<http://api.inmotiv.be/rest/carwizard/1.3/history/versiondetail/<API-key>/20160801/15078274/GTMFQPAH>

In this example the version is 15078274 on 01/08/2016 and we requested data blocks: GTLMFAQPH (the L block is fictional).

```

<?xml version="1.0"?>
<CardataHist xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <Request>
    <APIVersion>1.3</APIVersion>
    <Language>FR</Language>
    <MemberId>6</MemberId>
    <MemberName>Impact Software Admin</MemberName>
    <Make makeid="5">AUDI</Make>
    <Model modelid="4868">A4</Model>
    <Version verid="15078274">TDI</Version>
  </Request>
  <Block xsi:type="G" type="G" name="General Car Data Block">
    <Versionname>TDI</Versionname>
    <Bodyworktype>Sedan</Bodyworktype>
    <FuelType>DIESEL</FuelType>
    <CylindercontentL unit="liter">2.0</CylindercontentL>
    <TotalCylinderCapacity unit="cm3">1968</TotalCylinderCapacity>
    <MaxNetPowerkW unit="kW">90</MaxNetPowerkW>
    <MaxNetPowerHp unit="Hp">122</MaxNetPowerHp>
    <TaxableHp>11</TaxableHp>
    <ConstructCode>8W2AIC</ConstructCode>
    <GearBox>MAN. 6 VIT</GearBox>
  </Block>
</CardataHist>

```

```

<Propulsion>VOORWIELAANDRIJVING</Propulsion>
<Segment>D</Segment>
<NumberOfdoors>4</NumberOfdoors>
<NumberOfSeats>5</NumberOfSeats>
<PersUtil>P</PersUtil>
<ModelYear>2017</ModelYear>
<StartPriceList>2016-08-01</StartPriceList>
<CountryOrigin>D</CountryOrigin>
<Special>2</Special>
</Block>
<Block xsi:type="T" type="T" name="Technical Car Data Block">
  <RPM>4000</RPM>
  <Couple>270</Couple>
  <CoupleTMin>3000</CoupleTMin>
  <NumberOfCylindres> 4</NumberOfCylindres>
  <NumberOfValves>4</NumberOfValves>
  <Turbo>N</Turbo>
  <Boring>81</Boring>
  <Stroke>95.5</Stroke>
  <FuelConsumptionUrban>4.5</FuelConsumptionUrban>
  <FuelConsumptionExtraUrban>3.4</FuelConsumptionExtraUrban>
  <FuelConsumptionExtraCombined>3.8</FuelConsumptionExtraCombined>
  <Co2Combined unit="g/km">98</Co2Combined>
  <EuroNorm>EURO6</EuroNorm>
  <BrakesFront brakesfrontid="3">DISQUES VENTILES</BrakesFront>
  <BrakesBack brakesbackid="2">DISQUES</BrakesBack>
  <TyreTypeFront>205/60 R 16 W </TyreTypeFront>
  <TyreTypeBack>205/60 R 16 W </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>1505</MassInRunningOrder>
  <MaxAllowedMass>2030</MaxAllowedMass>
  <Wheelbase>2820</Wheelbase>
  <AxleWidthFront>1572</AxleWidthFront>
  <AxleWidthBack>1555</AxleWidthBack>
  <Steering>11.3</Steering>
  <RideHeight>1427</RideHeight>
  <TruncCapacity>480</TruncCapacity>
  <TruncCapacityFolded>965</TruncCapacityFolded>
  <TankVolume>40</TankVolume>
  <Length>4726</Length>
  <Width>1842</Width>
  <Height>1427</Height>
</Block>

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<Block xsi:type="F" type="F" name="Financial Data Block">
  <CatalogPrice unit="EUR" VAT="excl">26438.02</CatalogPrice>
</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 r&#xE9;sultats de cette simulation sont seulement &#xE0; titre
    d'information et n'ont pas de valeur juridique. Une utilisation figur&#xE9; de
    l'application ou l'introduction de donn&#xE9;es fautives peuvent mener &#xE0; un
    r&#xE9;sultat diff&#xE9;rent de celui calcul&#xE9; 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>1316.16</Amount>
    <Remarks/>
    <Url>http://financien.belgium.be/nl/particulieren/vervoer/bedrijfswagens</Url>
  </BenefitInKind>
  <RoadTaxFlanders>
    <Amount>322.05</Amount>
    <Remarks/>
    <Url>https://belastingen.fenb.be/vfp-portal-pub2-
web/simulatieVerkeersbelasting.html</Url>
  </RoadTaxFlanders>
  <RoadTaxBrussels>
    <Amount>413.95</Amount>
    <Remarks/>
<Url>http://www.belgium.be/nl/mobiliteit/Voertuigen/verkeersbelasting\_en\_verzekering/verkeersbelasting</Url>
  </RoadTaxBrussels>
  <RoadTaxWalloon>
    <Amount>413.95</Amount>
    <Remarks/>
    <Url> http://www.wallonie.be/fr/taxe-de-circulation</Url>
  </RoadTaxWalloon>
  <RegistrationTaxFlanders>
    <Amount>83.16</Amount>
    <Remarks/>
    <Url>http://www.vlaanderen.be/nl/mobiliteit-en-openbare-
werken/voertuigen/belasting-op-de-inverkeerstelling-biv</Url>
  </RegistrationTaxFlanders>
  <RegistrationTaxBrussels>
    <Amount>495.00</Amount>
    <Remarks/>
<Url>http://financien.belgium.be/nl/particulieren/vervoer/inschrijving\_en\_belastingen/belasting\_op\_de\_inverkeerstelling</Url>
  </RegistrationTaxBrussels>
  <RegistrationTaxWalloon>
    <Amount>495.00</Amount>
    <Remarks/>
    <Url>http://www.wallonie.be/fr/taxe-de-mise-en-circulation</Url>
  </RegistrationTaxWalloon>
  <FiscalHorsePower>
    <Amount>11.00</Amount>
    <Remarks/>
  </Url/>

```

```

</FiscalHorsePower>
<EcoScore>
  <Amount>72.67</Amount>
  <Remarks/>
  <Url/>
</EcoScore>
</Block>
<Block xsi:type="Q" type="Q" name="Standard Equipment Block">
  <Equipment mainsequence="C" sequence="C1" equipmentid="15102720" optionkey="76">
    <MainCategoryNameNL>Veiligheid</MainCategoryNameNL>
    <MainCategoryNameFR>Veiligheid</MainCategoryNameFR>
    <CategoryNameNL>Sloten</CategoryNameNL>
    <CategoryNameFR>Serrures</CategoryNameFR>
    <EquipmentNameNL>Keyless Go</EquipmentNameNL>
    <EquipmentNameFR>Keyless Go</EquipmentNameFR>
    <ConstructCode/>
  </Equipment>
  <Equipment mainsequence="C" sequence="C2" equipmentid="15102719" optionkey="53">
    <MainCategoryNameNL>Veiligheid</MainCategoryNameNL>
    <MainCategoryNameFR>Veiligheid</MainCategoryNameFR>
    <CategoryNameNL>Alarm</CategoryNameNL>
    <CategoryNameFR>Alarmer</CategoryNameFR>
    <EquipmentNameNL>Startonderbreking elektronisch</EquipmentNameNL>
    <EquipmentNameFR>Transpondeur</EquipmentNameFR>
    <ConstructCode/>
  </Equipment>
  <Equipment mainsequence="C" sequence="C3" equipmentid="15102659" optionkey="83">
    <MainCategoryNameNL>Veiligheid</MainCategoryNameNL>
    <MainCategoryNameFR>Veiligheid</MainCategoryNameFR>
    <CategoryNameNL>Ophanging</CategoryNameNL>
    <CategoryNameFR>Suspension</CategoryNameFR>
    <EquipmentNameNL>Audi Drive Select met Efficiency functie</EquipmentNameNL>
    <EquipmentNameFR>Audi Drive Select avec Efficiency</EquipmentNameFR>
    <ConstructCode>2H9</ConstructCode>
  </Equipment>
</Block>
<Block xsi:type="P" type="P" name="Options and Packs Block">
  <Option mainsequence="A" sequence="A6" optionid="15102562" optionkey="190">
    <MainCategoryNameNL>Interieur</MainCategoryNameNL>
    <MainCategoryNameFR>Interieur</MainCategoryNameFR>
    <CategoryNameNL>Open dak</CategoryNameNL>
    <CategoryNameFR>Toit ouvrant</CategoryNameFR>
    <OptionNameNL>Elektrisch schuif- en kanteldak</OptionNameNL>
    <OptionNameFR>Toit ouvrant et basculant</OptionNameFR>
    <ConstructCode>3FE</ConstructCode>
    <OptionPrice unit="EUR" VAT="excl">1085.00</OptionPrice>
    <OptionInfoNL/>
    <OptionInfoFR/>
  </Option>
  <Option mainsequence="C" sequence="C2" optionid="15102564" optionkey="43">
    <MainCategoryNameNL>Veiligheid</MainCategoryNameNL>
    <MainCategoryNameFR>Veiligheid</MainCategoryNameFR>
    <CategoryNameNL>Alarm</CategoryNameNL>
    <CategoryNameFR>Alarmer</CategoryNameFR>
    <OptionNameNL>Volumetrisch en perimetrisch alarm</OptionNameNL>
    <OptionNameFR>Alarmer volum&#xE9;trique et p&#xE9;rim&#xE9;trique avec dispositif
    "Safelock"</OptionNameFR>
    <ConstructCode>PG2</ConstructCode>
    <OptionPrice unit="EUR" VAT="excl">475.00</OptionPrice>
    <OptionInfoNL/>
    <OptionInfoFR/>
  </Option>
  <Option mainsequence="C" sequence="C4" optionid="15102643" optionkey="290">

```

```

<MainCategoryNameNL>Veiligheid</MainCategoryNameNL>
<MainCategoryNameFR>Veiligheid</MainCategoryNameFR>
<CategoryNameNL>Veiligheid aandrijving</CategoryNameNL>
<CategoryNameFR>S&#xE9;curit&#xE9; traction</CategoryNameFR>
<OptionNameNL>Parkeerassistent</OptionNameNL>
<OptionNameFR>Aide au stationnement</OptionNameFR>
<ConstructCode>7X5</ConstructCode>
<OptionPrice unit="EUR" VAT="excl">1035.00</OptionPrice>
<OptionInfoNL/>
<OptionInfoFR/>
</Option>
<Option mainsequence="D" sequence="D2" optionid="15102619" optionkey="171">
<MainCategoryNameNL>Comfort</MainCategoryNameNL>
<MainCategoryNameFR>Comfort</MainCategoryNameFR>
<CategoryNameNL>Communicatie / navigatie</CategoryNameNL>
<CategoryNameFR>Communication / navigation</CategoryNameFR>
<OptionNameNL>MMI Navigatie met SD kaart</OptionNameNL>
<OptionNameFR>MMI Navigation avec carte SD</OptionNameFR>
<ConstructCode>PNU</ConstructCode>
<OptionPrice unit="EUR" VAT="excl">1480.00</OptionPrice>
<OptionInfoNL/>
<OptionInfoFR/>
</Option>
<Option mainsequence="F" sequence="F" optionid="15102669" optionkey="0">
<MainCategoryNameNL>Packs</MainCategoryNameNL>
<MainCategoryNameFR>Packs</MainCategoryNameFR>
<CategoryNameNL>Packs</CategoryNameNL>
<CategoryNameFR>Packs</CategoryNameFR>
<OptionNameNL>Pack Lounge</OptionNameNL>
<OptionNameFR>Pack Lounge</OptionNameFR>
<ConstructCode>WAT</ConstructCode>
<OptionPrice unit="EUR" VAT="excl">1983.47</OptionPrice>
<OptionInfoNL/>
<OptionInfoFR/>
<PackOptions>
<Option id="15102555" nameFR="R&#xE9;troviseurs ext&#xE9;rieurs r&#xE9;glables,
chauffants et rabattables &#xE9;lectriquement" nameNL="Buitenspiegels elektrisch
verstelbaar, verwarmbaar en inklapbaar" ConstructCode="6XE"/>
<Option id="15102559" nameFR="R&#xE9;troviseur int&#xE9;rieur &#xE0;
commutation jour/nuit automatique" nameNL="Binnenspiegel met automatische dag/nacht-
functie en licht- en regensensor" ConstructCode="4L6"/>
<Option id="15102579" nameFR="Si&#xE8;ges avant chauffants" nameNL="Verwarmbare
zetels voorin" ConstructCode="4A3"/>
<Option id="15102591" nameFR="Cuir Milano" nameNL="Milano leder"
ConstructCode="N5W"/>
<Option id="15102604" nameFR="Volant multifonctions &#xE0; 3 branches
gain&#xE9; de cuir" nameNL="Met leder bekleed 3-spakig multifunctiestuur"
ConstructCode="1XC"/>
</PackOptions>
</Option>
</Block>
<Block xsi:type="H" type="H" name="Photo block">
<Photo>
<Name>photo_1</Name>
<Url>https://apiacceptance.inmotiv.be/rest/carwizard/Photo/5b512499-9251-46ae-
bb9d-2c080b501d29/4f0672c4-6397-409c-9463-b470a860fc6f</Url>
</Photo>
<Photo>
<Name>photo_2</Name>
<Url>https://apiacceptance.inmotiv.be/rest/carwizard/Photo/5b512499-9251-46ae-
bb9d-2c080b501d29/19ec5a2e-bd2e-4bb8-bacb-2b0c633446b3</Url>
</Photo>
</Photo>

```




```
<Name>photo_3</Name>  
<Url>https://apiacceptance.inmotiv.be/rest/carwizard/Photo/5b512499-9251-46ae-  
bb9d-2c080b501d29/0fb9926f-3a0b-4407-81e7-ff15cb9aef4c</Url>  
</Photo>  
</Block>  
</CardataHist>
```

Questions?

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

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