

# Introduction

This is the official documentation for the **Bilinfo Listing API V.3**.

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Use this API to retrieve cars from Bilinfo in either JSON or XML. Requires a valid Bilinfo API account. Contact Bilinfo Customer Support at [bilinfo@bilinfo.dk](mailto:bilinfo@bilinfo.dk) to get started.

We have made a demo account available for testing purposes:

Username: **demo**

Password: **ocfB6XzF73**

# Get cars

Allows export of cars from Bilinfo.

GET

<https://gw.bilinfo.net/listingapi/api/export>

Retrieves all cars (marked as external) from a Bilinfo account.

## Headers

Authorization

*REQUIRED*

string

**Basic access authentication.**

Base64 encoded string of your provided Bilinfo credentials.

Accept

*OPTIONAL*

string

Response can be either JSON or XML. Specify **application/json** or **application/xml**. If omitted response will be JSON.

## Query Parameters

sinceDays

*OPTIONAL*

number

Specifies a range in days between 1-14 back in time from current date. When set, response will be of type delta only containing cars created, modified or deleted within the given period.

sinceInternalCars

*OPTIONAL*

boolean

Must be set in combination with **sinceDays**. If set to true, delta response will also include cars that have changed status from external to internal in Bilinfo.

dealerId

*OPTIONAL*

string

GUID for a specific Bilinfo dealer - can be found in *Bilinfo -> Dealer settings*. When set, the response will contain only cars from the specified dealer. Available for conglomerate accounts.

● 200: OK

## Sample reponse in JSON.

```
{
  "ApiVersion": "3",
  "VehicleCount": 47,
  "Vehicles": [
    {
      "Id": "362385210",
      "Mileage": "55000",
      "Year": "2007",
      "Make": "Audi",
      "Model": "TT",
      "Variant": "V6 Coupé quattro S-tr.",
      "RegistrationDate": "06-10-2006",
      "ServiceBook": "true",
      "Color": "Gråmetal",
      "Type": "Personvogn",
      "TypeId": "P",
      "Motor": "3,2",
      "Propellant": "Benzin",
      "NumberOfDoors": "2",
      "NewPrice": "762964",
      "NumberOfGears": "6",
      "GearType": "A",
      "MotorVolume": "3200",
      "Effect": "250",
      "Cylinders": "6",
      "ValvesPerCylinder": "24",
      "DriveWheels": "4",
      "TrailerWeight": "0",
      "GasTankMax": "55",
      "LitresUsedPer100Km": "9,43",
      "KmPerLiter": "10,64",
      "Acceleration0To100": "5,7",
      "TopSpeed": "250",
      "EffectInNm": "320",
      "EffectInNmRpm": "2000",
      "Weight": "1430",
      "GreenTax": "6400",
      "GreenTaxPeriod": "12",
      "WeightTax": "3200",
      "WeightTaxPeriod": "6",
      "Payload": "400",
      "ModelSeries": "TT-Serie",
      "NumberOfAirbags": "6",
      "TotalWeight": "1830",
      "Length": "418",
      "Width": "184",
      "Height": "135",
      "BodyType": "Mellem Coupe 4x4 Aut.",
      "BodyTypes": [
        "Mellem",
        "Coupe",
        "4x4",
        "Aut."
      ]
    }
  ],
}
```

```
"Comment": " aut., 19\ alufælge, vinterhjul, fuldaut. klima, alarm",
"EquipmentList": [
  "ABSBrakes"
],
"PictureCount": "2",
"Pictures": [
  "https://billeder.bilinfo.net/bilinfo/b35aae58-468a-48ab-9911-62f4f36ccf9a.jpg?class=S1600X1600",
  "https://billeder.bilinfo.net/bilinfo/f10ca40d-d99d-433c-b3a8-8679f4beb592.jpg?class=S1600X1600"
],
"ModifiedDate": "21-04-2017 11:34:33",
"CreatedDate": "05-04-2011 11:20:41",
"Categories": [
  {
    "CategoryNumber": "-935143048",
    "CategoryName": "V6"
  }
],
"SpecificationId": "287cd069-0dd4-c483-9d58-08cf06295de7",
"VehicleId": "3601c9a6-28c9-ce36-c05e-08cf078f375e",
"VehicleSourceId": "3601c9a6-28c9-ce36-c05e-08cf078f375e",
"Price": "448480",
"PriceType": "RetailPrice",
"CashPrice": "448480",
"SalesPriceType": "Retail",
"AdvertisedTaxFreePrice": "300000",
"ApprovedFuelEconomyMeasurementMethod": "nedc1",
"DealerName": "Bilinfo XML Demo Feed",
"DealerId": "447",
"DealerGuid": "19808804-e60c-e011-90d0-0025b3e6b7d8",
"DealerAlternativeName": "",
"DealerAddressStreetLine1": "Axel Kiers Vej 11",
"DealerAddressStreetLine2": "",
"DealerAddressZipCode": "8270",
"DealerAddressCity": "Højbjerg",
"DealerPhoneNumber": "4",
"DealerAlternativePhoneNumber": "96194415",
"DealerEmail": "bilinfo@bilinfo.dk",
"DealerWebsite": "https://www.bilinfo.dk",
"DealerDeliveryCost": "2400",
"DealerDeliveryCostNewCars": "2700",
"DealerDeliveryCostVans": "3000",
"DealerDeliveryCostNewVans": "3200",
"DealerLicensePlatePrice": "1180"
}
]
}
```

# Identifying a car

Describes how to find a specific car in the feed.

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`VehicleId` is the unique id of each listing. `VehicleSourceId` is the unique id of a car, as a car can have more than 1 listing. Do **not** use the field `Id` to identify the car as it is only present for legacy reasons and will be removed in a future version of the API.

## Prices

Describes the different types of prices for a car.

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In Bilinfo it is possible to select different types of prices for a car. The specific type is reflected in the response as `PriceType` and can have the following values:

- `RetailPrice / Cashprice` (inclusive of VAT and delivery cost)
- `RetailPriceWithoutTax` (exclusive of registration fee, inclusive of delivery cost)
- `Leasing`
- `CallForPrice`

Depending on the set price type `Price` will then hold the corresponding value. If retail price (aka. cash price in Bilinfo) is set, this always takes precedent in which case `PriceType` will be `RetailPrice`.

### Wholesale

A car can also have a set wholesale price. In this case the following additional fields will be provided:

- `WholesalePrice` (exclusive of delivery cost)
- `AdvertisedWholesalePrice` (inclusive of delivery cost)

### Tax free

Similarly a car can have a tax free price as well. The following additional field will then be provided:

- `AdvertisedTaxFreePrice` (exclusive of delivery cost. Should have been inclusive of delivery, this is a known bug.)

**NOTE:** if a tax free price and no retail price has been set in Bilinfo, `PriceType` will be `RetailPriceWithoutTax` and `Price` will hold the tax free price inclusive of delivery cost.

### Leasing

When of price type `Leasing`, additional fields related to leasing will be available for the given car. Those will be (must be set in Bilinfo):

- `LeasingPrice`: number
- `LeasingType`: string
  - `Financial`
  - `Operational`
- `LeasingDuration`: number
- `LeasingDownPayment`: number
- `LeasingResidualValue`: number
- `LeasingTotalPayment`: number
- `LeasingYearlyMileage`: number
  - if `-1` value has not been set in Bilinfo
- `LeasingIncludesInsurance`: boolean
- `LeasingServiceAndMaintenance`: string
  - `IncludedWithoutTires`
  - `IncludedWithTires`
  - `NotIncluded`
- `LeasingAudience`: string
  - `NotSpecified`
  - `Private` (price will be inclusive of VAT)
  - `Business` (price will be exclusive of VAT)

### Multiple listings

Through Bilinfo a car can be advertised both with a retail price and a leasing price simultaneously. This setup will result in two different listings/objects in the response containing the same car, but with different price configurations.

In this respect the field `VehicleSourceId` will be used to identify the car whereas the `VehicleId` will be the unique id of each listing/object.

## Deleted cars

Describes how to determine if a car has been deleted in Bilinfo.

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When a car is sold it can be marked as such in Bilinfo thus technically being deleted. These deleted cars will only be visible in connection with a delta update - i.e. when the parameter `sinceDays` is used. See *Get cars* for more info.

A car will then have a field `DeletedDate` representing the date of deletion.

## Images

Images are provided in different fixed resolutions.

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The immediate url for each image in the response will always be the largest size available.

By changing the number in the end one will be able to get additional sizes:

E.g. <https://billeder.bilinfo.net/bilinfo/b35aae58-468a-48ab-9911-62f4f36ccf9a.jpg?class=S1600X1600>

64, 96, 140, 200, 225, 300, 400, 500, 640, 960, 1200, 1600

## Video/360 image

For certain cars a video and/or a 360 degree image will be available.

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### **Video:** <URL-to-embedded-player>

The url can be embedded directly into an iframe. We recommend following the providers guidelines: <https://help.vzaar.com/article/165-embedding-video>

### **Picture360:** <URL-to-source-image>

The provided image is raw meaning one will need a viewer to enable the functionality. We recommend using Google VR Viewer:

<https://developers.google.com/vr/develop/web/vrview-web>

# Equipment

A list of all the equipment possibly available for a car.

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- ABSBrakes (ABS bremsler)
- Aircondition (aircondition)
- AirconditionGlovebox (køl i handskerum)
- Alarm (alarm)
- AlloyRims (alufælge)
- AntiSpin (antispin)
- ArmRest (armlæn)
- AutomaticClimateControl (fuldautomatisk klimaanlæg)
- AutomaticGear (automatgear)
- Bluetooth (bluetooth)
- CentralLocking (centrallås)
- CruiseControl (fartpilot)
- DualZoneClimateControl (2 zone klimaanlæg)
- FogLamps (tågelygter)
- GearShiftSteeringWheel rat (ratgearskifte)
- GlassRoof (glastag)
- HeightAdjustableFrontSeat (højdejusterbare forsæder)
- Immobilizer (startspærre)
- InfoCenter (infocenter)
- Isofix (isofix)
- LeatherSteeringWheel (læderrat)
- LightWasher (lygtevasker)
- LoweredSuspension (sænket)
- Navigation (navigation)
- ParkingSensor (parkeringssensor)
- PoweredFrontSeats (el-indstillelige forsæder)
- PoweredMirrors (el-spejle)
- PoweredMirrorsHeated(el-spejle med varme)
- PoweredSunRoof (el-soltag)
- PoweredWindows (el-ruder)
- PowerWindows4 (4x el-ruder)
- RearViewAutoDimming (auto nedblændelig bakspejl)
- RemoteCentralLocking (fjernbetjent centrallås)
- RemovableTowbar (aftagelig anhængertræk)
- RoofRails (tagbøjler)
- SeatHeater (sædevarme)
- ServiceOK (service OK)
- Servo (servostyring)
- SplitBackSeat (splitbagsæder)
- Spoiler (spoiler)
- SunRoof (soltag)
- TaintedWindows (tonede ruder) (This is a legacy typo. Should have been TintedWindows)
- Towbar (anhængertræk)
- TripComputer (kørecomputer)
- VelourSeats (veloursæder)
- XenonLight (xenonlygter)
- HeatedSteeringWheel (varme i rattet)
- ClimateControl3Zone (3 zone klimaanlæg)
- ClimateControl4Zone (4 zone klimaanlæg)
- Cdplayer (CD afspiller)
- DABRadio (DAB radio)
- DABPlusRadio (DAB+ radio)
- ThreeSixtyCamera (360 grader kamera)
- LEDDrivingLights (LED kørellys)
- FullLEDHeadlights (fuld LED forlygter)
- CabinHeater (kabinevarmer)
- ElectricParkingBrake (elektrisk parkeringsbremse)
- SwingAwayTowbar (svingbart anhængertræk)
- SwingAwayTowbarElectric (elektrisk svingbart anhængertræk)
- DigitalCockpit (digitalt cockpit)
- WirelessCellphoneCharging (trådløs mobilopladning)
- ParkingSensorFront (parkeringssensor for)
- ParkingSensorBack (parkeringssensor bag)
- ElectricFoldableSideMirrors (el-klapbare sidespejle)
- ElectricFoldableSideMirrorsHeated (el-klapbare sidespejle med varme)
- UsedCarCertificate (brugtbilsattest)
- BluetoothAudioStreaming (musikstreaming via bluetooth)
- BiXenon (bi-xenon)
- ImitationLeather (kunstlæder)
- SportSeats (sportssæder)
- SDCardReader (SD kortlæser)
- USBConnection (USB tilslutning)
- AUXConnection (AUX tilslutning)
- IntegratedChildSeats (integrerede børnesæder)
- ElectricAdjustableDriversSeathWithMemory (el-indstilleligt forsæde med memory)
- FatigueDetection (træthedregistrering)
- TrafficSignRecognition (skiltegenkendelse)
- HeightAdjustableDriversSeat (højdejusterbart førersæde)
- ThreeIndividualseatsinback (3 individuelle sæder i bag)