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## Changes in VTS XML version 3.2

The following changes have been applied to the ACC environment of VTS XML version 3.2.

You can now test these new changes in the VTS XML version 3.2 ACC environment:

<https://acc-services.rdc.nl/voertuigscan/3.2/acc>

### 1. The power fields have been improved under the 'MotorGegevens' (Engine Data) and 'PrestatieEnVerbruik' (Performance and Consumption) blocks

In the current environment, a vehicle's power is recorded in multiple locations in VTS XML. Two locations where power is recorded are:

**1) TechnischeSpecificatie (Technical Specifications) -> MotorGegevens (Engine Data)**

The electric power fields are not displayed correctly in the current environment.

In the new environment, the electric power of a vehicle is displayed more accurately.

**2) CommercieleVersieSpecificatie (Commercial Version Specifications) -> TechnischeGegevens (Technical Data) -> PrestatieEnVerbruik (Performance & Consumption)**

The 'SysteemVermogen' (System Power) fields (PK and KW) will be adjusted in the new environment as follows.

In the new VTS version, the 'SysteemVermogen' (System Power) field will only be populated if the vehicle has more than one engine in the drivetrain. This applies to HEVs, PHEVs, and may also apply to FEVs.

### 2. The 'Motorcode' (Engine Code) field is displayed better

The 'Motorcode' (Engine Code) field is sometimes not displayed correctly in the current environment.

In the new environment, the 'Motorcode' (Engine Code) field will be retrieved more accurately from available sources (Vehicle Registration Register (KRG), European Type Approval (ETG), and VGS (Price List Data)).

The 'Motorcode' (Engine Code) field will appear in the following blocks:

- 1.) Voertuiggegevens (Vehicle Data)
- 2.) TechnischeSpecificatie (Technical Specifications)
- 3.) CommercieleVersieSpecificatie (Commercial Version Specifications) -> TechnischeGegevens (Technical Data) -> MotorGegevens (Engine Data)
- 4.) Typekeuring (Type Approval) -> MotorGegevens (Engine Data)

This improvement means that Engine Codes are now shown more frequently than before.

### 3. Better handling of the Persistence Exception error message

In some cases, a Persistence Exception error message appears in the response message. This happens when there are problems retrieving data from the database in question.

In the new environment, the customer will no longer receive a Persistence Exception error message in the response message, but will instead receive an error message that clearly indicates the exact reason for the inability to retrieve the data.

An example error message is: **'Momenteel is de database niet beschikbaar' (The database is currently unavailable)**

### 4. The 'DatumRegistratieGoedkeuring' (Date of Registration Approval)' field has been added to the response message of the 'opvragenVoertuigscan (Request Vehicle Scan) block.

In the new VTS XML version 3.2 environment, the new field 'DatumRegistratieGoedkeuring' (Date of Registration Approval) appears under the 'Registratiegegevens' (Registration Data) block. Below is a sample response message:

```
<ns2:Registratiegegevens Verwerkingsstatus="00">
  <ns2:DatumEersteInschrijving>2022-01-31</ns2:DatumEersteInschrijving>
  <ns2:DatumTenaamstelling>2023-09-18</ns2:DatumTenaamstelling>
  <ns2:DatumEersteToelating>2018-05-17</ns2:DatumEersteToelating>
  <ns2:DatumRegistratieGoedkeuring>2022-01-19</ns2:DatumRegistratieGoedkeuring>
  <ns2:Bouwjaar Bron="BouwJ">2018</ns2:Bouwjaar>
  <ns2:WijzeInvoer Code="I">Individuele import</ns2:WijzeInvoer>
  <ns2:SoortEigenaar Code="A">AUTOBEDRIJF</ns2:SoortEigenaar>
  <ns2:VolgnummerEigenaar>2</ns2:VolgnummerEigenaar>
  <ns2:KentekenbewijsDuplicaten>0</ns2:KentekenbewijsDuplicaten>
  <ns2:LandHerkomstImport>DEU</ns2:LandHerkomstImport>
  <ns2:Verzekerd>Ja</ns2:Verzekerd>
</ns2:Registratiegegevens>
```

The 'DatumRegistratieGoedkeuring' (Date of Registration Approval) field indicates when the Tax Authorities determined the gross BPM amount of the vehicle.