

Content Developer Kit

GEN5 OE Parts for eCommerce Extended - ACES

V1.3



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1 Overview

This dataset uses the Auto Care Association ACES standard. A subscription to ACES is required to download the vehicle and part classification data to decode the information in this deliverable.

The documentation for the ACES standard can be found at <http://www.autocare.org/what-we-do/technology/technologyhelp>.

The GEN5 OE Parts for eCommerce Extended deliverable contains the OE part number and applications for over 600 part types utilizing ACES Vehicle Configuration and Auto Care Association PCdb Parts and Position coding. The dataset also includes part pricing and part supersession data in for the OE part numbers delivered.

2 Relational Diagrams

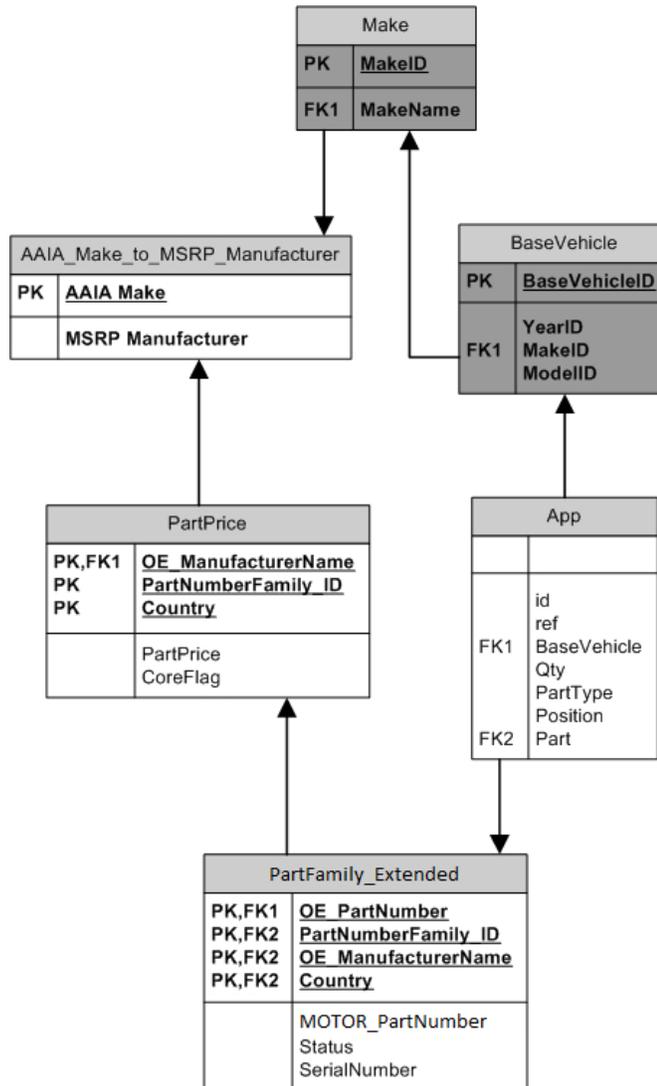
2.1 Summary

Description

The following diagram shows the relationship between the OE part applications that are delivered in the AAIA ACES formatted delivery files. The part application data is delivered in multiple XML files, each containing all of the part application data for a unique AAIA Part Type and Make combination.

- The table App in the diagram is a conceptual table representing the ACES part application files delivered. There are additional attributes such as VCdb attributes and Notes are not shown in this diagram. Please note that none VCdb qualifying data is included in the Note element. QDB is not used for this dataset
- The attribute ref in the App element is used by MOTOR to QC and track data processing. This ID is not persistent from quarter to quarter and does not relate to any other datasets. However, this can be used as a reference by MOTOR when researching concerns.
- Some part application records have part number values of “NA”, “NR” or “NSS”.
 - NA indicates that a part number was not available from the OE resource
 - NR indicates that a part number is not required as the part type does not apply to the vehicle.
 - NSS indicates that the part is not serviced separately.
- The Base Vehicle and Make tables are available in the VCdb database provided by AAIA. The PCdb database from AAIA is also required to get the position ID and part type ID for the part application data.
- The PartFamily table provides the Supersession data for the OE Part Numbers provided in the part application files.
 - This table contains unique OE Part Numbers and OE Manufacturer combinations.
 - Use the Base Vehicle, Make and AAIA_Make_to_MSRP_Manufacturer tables to translate from AAIA make to OE Manufacturer Name.
 - Canadian prices are used only in cases where they are available but the data is not available for U.S.
 - OE part Numbers from the same combination of OE manufacturer, Country, and PartNumberFamily_ID are all part of the same supersession trail. The number with the highest serial number is the most recent in this trail.
 - There will be a small percentage of part numbers that are not available in the PartFamily table. There are many factors that could contribute to this including errors in the parts data provided by the OE or key-in errors.
- The PartPrice table provides the current price for the most recent OE Part Number in a part supersession trail. While a majority of the prices reported reflect US market Manufacturers Suggested Retail Price (MSRP), Canadian MSRP will be provided in the event that a US price is not available, and will be reported in Canadian dollars.

Diagram



3 Data Dictionary

3.1 Table: AAIA_Make_to_MSRP_Manufacturer

| Name | Type | Size | Allow Nulls | Description |
|-------------------|------|------|-------------|---------------------------|
| AAIA Make | Text | 50 | No | PK. AAIA Legacy Make name |
| MSRP Manufacturer | Text | 50 | No | Manufacturer Name |

3.2 Table: PartFamily_Extended

| Name | Type | Size | Allow Nulls | Description |
|---------------------|---------|--------------|-------------|--|
| OE_PartNumber | Text | 255 | No | OE Part Number found in application data. |
| PartNumberFamily_ID | Integer | Long Integer | No | PartFamily identification number. A Part Family is a collection of OE Part Numbers that are part of the same supersession trail |
| OE_ManufacturerName | Text | 50 | No | Manufacturer name. Referenced in AAIA_Make_to_MSRP_Manufacturer table. |
| MOTOR_PartNumber | Text | 255 | No | MOTOR formatted OE Part Number as found in GEN4.5 Parts deliverables. |
| Country | Text | 20 | No | Indicates Price country of Origin (US or Canada). Canadian is not provided if no US data available for part number. |
| Status | Text | 50 | No | Part number status. A status of Discontinued or Current represents the most current part number in the family. |
| SerialNumber | Integer | Long Integer | No | Auto incrementing number used to indicate supersession order. The higher the number within a Manufacturer, Family, and Country combination, the newer the Part Number. |

3.3 Table: PartPrice

| Name | Type | Size | Allow Nulls | Description |
|---------------------|----------|--------------|-------------|--|
| OE_ManufacturerName | Text | 50 | No | OE Manufacturer |
| PartNumberFamily_ID | Integer | Long Integer | No | PK. Reference to PartFamily table. A Part Family is a collection of OE Part Numbers that are part of the same supersession trail |
| PartPrice | Currency | | No | Manufacturer suggested Retail Price for the most recent part listed within the part supersession trail. |
| Country | Text | 20 | No | Indicates Price country of Origin (US or Canada). Canadian is not provided if no US data available for part number. |

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|-----------|---------|--|-----|--|
| Core Flag | Integer | | Yes | Flag indicating if MSRP is price net core. 1 indicates the price is net core. 0 indicates the price is not net core. |
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4 Document History

Document History

| Date | Author | Version | Change Reference |
|-----------|--------|---------|--|
| 6/23/2010 | | 1.0 | Initial Release |
| 2/2/2012 | | 1.1 | Included field for MOTOR formatted part number |
| 6/13/2014 | | 1.2 | Updated link to ACES documentation package |
| 08/2015 | | 1.3 | Updated |