



Automotive fitment: File requirements

You can submit your ACES files as an XML or XLSX file type. PIES files must be submitted as an XML file type. All file types should be uploaded in .zip format, can only contain one file type and one brand at a time and should be no larger than 50 MB. See below for more details.

Last updated on Feb 10, 2026 Reading time: 2 min

PIES XML files

- ✓ File type must be XML.
- ✓ Don't include parentheses in the title of the file
- ✓ Values must be present for the ItemLevelGTIN, BrandAAIAID, PartNumber, and Part TerminologyID.
- ✓ Items will be updated only if there is a change in attribute values corresponding to a particular GTIN and the Maintenance Type value is 'Add' (A) or 'Change' (C).



ACES XLSX files

- ✓ For your convenience, use [this template](#).
- ✓ Don't include parentheses in the title of the file.
- ✓ Don't modify the header or add additional columns.
- ✓ Each file should contain only one unique BrandAAIAD.
- ✓ If there are multiple excel files with same BrandAAIAD, merge them in a single excel file or create a separate .zip file.
- ✓ Values must be present for Manufacturer Part Number.
- ✓ Values must be present for Part Terminology ID.
- ✓ Action Column (A= add vehicle compatibility, D= delete vehicle compatibility). If the Action column value is missing in a row, it will default to A.
- ✓ If SubModel is empty, it will be ingested as ALL (fits all) by default.
- ✓ If BlockType, Cylinders, Liter, CC fields are empty, it will be ingested as ALL (fits all) by default. ONLY include numerical values NO Alphabetic values in cylinders, liter and cc fields.

Pro tip

Use the [Vehicle List](#) to create your year, make, model and sub-models (also known as YMMS). If your YMMS inputs include vehicles that aren't in the linked vehicle list or the YMMS inputs do not match the YMMS in the vehicle list exactly how they appear, the file won't be processed and will return an error.



ACES XML files

- ✓ Don't include parentheses in the title of the file.
- ✓ The BrandAAIAID must be present in the header row of the file.
- ✓ The BrandAAIAID must be present in the BrandAAIAID tag for the first 1,000 characters of the file (ex. (Brand ID)).
- ✓ Values must be present for the BaseVehicleID, PartNumber and PartTerminologyID. You can replace the BaseVehicle ID with the Year 'from' and 'to' range, the make ID and the model ID. Then, derive the BaseVehicleID from these.
- ✓ To add a new vehicle, the action value should be equal to 'Add' (A).
- ✓ To delete an existing vehicle, the action value should be equal to 'Delete' (D).
- ✓ If an action value is missing for an XML app node, the value will default to 'Add' (A).
- ✓ If the SubModel/EngineBase value is empty, the value will default to 'All' meaning the products fit all types.
- ✓ Each file should contain only one unique BrandAAIAID.
- ✓ If there are multiple XML files with the same BrandAAIAID, merge them in a single Excel file or create a separate .zip file.

Note

If any of the requirements above are not followed, the file won't be processed and will return an error.

Resources



[Automotive fitment: Overview](#)



[Automotive fitment: Add missing attributes and ACES coverage](#)



[Troubleshoot automotive fitment errors](#)