



ATC GRANULAR FEE (AGF) TAX SERVICE 1.0

API GUIDE

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1 – OVERVIEW

The ATC Granular Sales Tax and Reg Fee Service is a web-based HTTP service that allows consuming applications (“CAs”) to get sales tax and registration fee information with detail level breakdown based on jurisdiction and filters. These fees and taxes are assessed based on the City, County, and State provided in the request. The service factors in over 50 data points when determining the final fee amount.

1.1 – WHAT DOES THE SERVICE DO?

The service utilizes an extensive data backbone of up-to-date title and registration rules for each city/county/state combination in the United States. By supplying the fee service with details about the transaction (such as purchase price, vehicle type, vehicle weight, etc.) and providing it with a valid city, county, and state, the service is able to not only look up the appropriate fees and taxes, but also calculate their formulas into a final dollar amount.

This allows CAs to directly use the results from the service for their own purposes without having to worry about any additional complications or extra work—the numbers come back from the service with no manual replacement required. States such as California and Colorado further breakdown their registration, plate and title fees at a granular detail. This service allows CAs to chose the level of granularity based on end-user requirements. Rollups and/or Individual line Item fees (referred to as sub-fees) are provided In the response based on granularity level selected.

Sales taxes are aggregated and presented in an easily digestible format for quick reference. Penalty fees are also segmented allowing the CA to draw clear and immediate attention from the end user. The CA can even get individual formulas in textual format as well as numeric format with data points replaced if such level of detail is required.

In addition to actual numbers, the service also provides important notes. These can be simple reminders, such as “the state of New Hampshire does not have a sales tax,” but they can also be very important details, such as qualifications to receive military waivers and discounts for a particular state. The notes are meant to be read and interpreted by people as opposed to the numbers, which can easily be processed by an application. If notes are provided in the response, they should be given ample consideration.

1.2 – USAGE

The fee service was designed to assist in all scenarios that a given CA might want relating to fee and tax information. Whether looking for only the final sum of all sales taxes for a transaction, or registration fees with a full breakdown of each fee including formulas in textual and numeric form, a few simple configurations in the request will supply the service all it needs to accommodate.

1.3 – WYSISYG (WHAT YOU SEE IS WHAT YOU GET)

The service is designed to take in as little information as the CA provides, with very few mandatory pieces of information. This implies that if the CA wants a particular data point to be a factor in the fee calculations, it must be provided in the request to the service.

Alternatively, there is an option to force the service to return an error if any data is missing. This would be a scenario where you want to guarantee every data point for each fee formula is specifically provided by the CA. In this scenario, the service will specify which data points are missing so the CA can respond accordingly. ATC recommends that the CA send as many variables as possible to ensure the most accurate calculated response is returned.

1.4 – VERBOSITY

One of the most important data points used by the service is “verbosity”. This is an integer value representing increasing levels of detail in the response. The reason this is so important is because it may significantly affect the results the CA receives from the service.

At the lowest level of verbosity (0), the service only returns the sum of all fees and taxes; it does not return any break down of individual fees, even by name. At the highest level of verbosity (3), the service returns each individual fee, along with multiple versions of each fee’s formula. By configuring the verbosity in the request as each CA requires, the service is able tailor the detail and payload size of the response.

One important exception to verbosity relates to the notes in the response. Notes are not affected by verbosity. Regardless of what you set as the verbosity level, the service will return all relevant notes for any given request.

1.5 – GRANULARITY

Another data point used by the service is “granularity”. This is an integer value representing increasing levels of breakdown in the fee detail. There are 3 types of fees provided in the response - Standalone, Rollup and Sub-Fees. Standalone fees have a single fee value and are not included in a rollup calculation. Rollup Fee is an aggregate of 2 or more individual line items (Sub-Fees). When CA passes a granularity value of 1, the services returns all the standalone and rollup fees with each rollup listing the amount associated with the enclosed sub-fees. When CA passes a granularity values of 2, all standalone and rollup fees are returned. The rollups do NOT contain a detail level breakdown of the fees. Finally, when CA passes a granularity values of 0, only standalone and sub-fees are returned without any rollup capability.

2 – IMPLEMENTATION DETAILS

All communications with the fee service are HTTPS requests and responses usually under the content type of “application/xml” (an exception would be a JSONP request). By standardizing all input data points into one XML schema, the service is able to represent the transaction in an easily traversable fashion. It also allows for tight control over the payload going both to and from the service. All CAs can use the provided XSDs to both validate and ensure security of interactions with the fee service.

2.1 – END-TO-END FLOW

There are a few basic steps that will occur in each transaction with the fee service:

GATHER INFORMATION

First, the CA must gather all of the required information it will use in the request to the service. This could come from a simple web form, internal DMS, or even third party services. The responsibility is on the CA to ensure the information being sent to the fee service is correct and/or valid so they receive the most accurate response.

FORMAT INFORMATION

After gathering the data, it must be formatted into standard XML according to the schema that the service expects. This could be done a number of ways, such as dynamically creating an XML object from the XSD using your language of choice. It could also be as simple as having a string with placeholders that get substituted for values. It is also advisable to use the XSD to validate the payload before proceeding to the next step of sending the request to the service. This ensures the data going out to the service is well-formatted and will save a round-trip if an error is found.

SEND REQUEST

Once the payload is confirmed to be accurate and complete, the CA will send an HTTP request to the fee service with the payload as the request body. The content type of the request will vary based on the specific implementation and the platform being used by the CA. Under normal scenarios, the content type will be “application/xml” and will send only the payload in the request body.

See the Web-App / Widget Friendly section for more details on other methods.

PROCESS RESPONSE

Upon receiving the response from the service, the CA must determine if the call was successful or not. Rarely will the service return with an error status code in the HTTP response. Instead, it uses the response payload to communicate errors with the CA. It is strongly advised to use the XSD to validate the response from the service.

USE DATA AS NEEDED

Once the response is deemed successful and the information has been de-serialized to its component values, the CA is free to use the data at will. For example, it could be used to display in a web page with other transaction information, write to a DMS, or output into a spreadsheet.

2.2 – LOAD TESTING

ATC will work with CA's to assess load testing requirements, and accordingly expand its infrastructure. However, clients are required to provide at least a week's notice before load testing is undertaken.

See Reference Information for technical details on the flow and request/response XSD specifications.

3 – WEB-APP / WIDGET FRIENDLY

The feeservice is designed with web developers in mind. One common concern when trying to use a third-party service via JavaScript is cross-domain security. Often, CAs have to write proxy services of their own to avoid such concerns to still be able to deliver responsive web applications. The fee service does not require this as it has full JSONP support. **Instead of sending the XML payload as a POST under the “application/xml” content type, a web app CA can call the service using a GET, specifying the “callback” parameter in the query string (the request payload uses the “request” parameter in the query string).**

Based on your need, you can use POST or GET method.

4 – EXAMPLES

In all the examples below, an authentication token has to be sent in the request header to get the response. Please use the token provided by ATC in place of <USER TOKEN> .

SUCCESSFUL + GRANULARITY 2 (Sub Fees are returned with Rollup Fees)

REQUEST

POST: <https://svc.autotitling.com/AGFService/v1.0/>

Content-Type: application/xml

Content-Length: 1716

Host: svc.autotitling.com

userToken: <USER TOKEN>

```
<ServiceRequest xmlns="urn:atc-feequote" type="FeeQuote" verbosityLevel="3" granularity="2" quoteType="A"><IsProcessing>1</IsProcessing><State>Colorado</State><County>Adams</County><City>Adams City</City><OutsideCityLimits>0</OutsideCityLimits><InState>true</InState><Vehicle><VIN>AGFTESTVEHICLEVIN</VIN><BasePrice>12885.00</BasePrice><CustomerType>D</CustomerType><FuelType>G</FuelType><Finance><DownPayment>0.00</DownPayment><MonthlyPayment>732.00</MonthlyPayment><MonthsInTerm>36</MonthsInTerm><CapCostReduction>0</CapCostReduction></Finance><GVW>0</GVW><GVWR>0</GVWR><LienStatus>1</LienStatus><Year>2018</Year><MSRP>12885.00</MSRP><Plate><IsTransfer>0</IsTransfer><PlateType>R</PlateType></Plate><RegistrationOption>B</RegistrationOption><RegistrationMonths>3</RegistrationMonths><DaysSincePurchase>566</DaysSincePurchase><TitleStatus>T</TitleStatus><TradeIns><TradeIn><Amount>10000.00</Amount></TradeIn></TradeIns><TransactionType>P</TransactionType><VehicleType>PV</VehicleType><Warranties><Warranty name="Warranties">0</Warranty></Warranties><Weight>100</Weight><Rebates><Dealer>2500.00</Dealer><Manufacturer>0</Manufacturer></Rebates><Additions><Addition name="Add on">803</Addition></Additions><DeliveryFees></DeliveryFees><Discounts><Discount name="Discount">0.00 </Discount></Discounts><DocFees><DocFee name="Doc Fees">80.00</DocFee></DocFees><DealerServiceFees></DealerServiceFees><ExtendedWarranties><ExtendedWarranty name="ExtendedWarranties">0</ExtendedWarranty></ExtendedWarranties><InsurancePackages></InsurancePackages><ProtectionPackages></ProtectionPackages><Taxes></Taxes><TheftProtections><TheftProtection name="TheftProtection">0</TheftProtection></TheftProtections></Vehicle></ServiceRequest>
```

RESPONSE

cache-control → private

content-length → 11929

content-type → application/xml; charset=utf-8

date → Wed, 15 Jul 2020 12:29:36 GMT

server → Microsoft-IIS/10.0

x-aspnet-version →4.0.30319

x-powered-by →ASP.NET

```
<FeeServiceResponse xmlns="urn:atc-feequote" quoteType="A" verbosityLevel="3"><Status>0</Status><Notes><Note><NoteText>Penalties start 30 days after purchase date.
Mandatory $25 late fee and $25 per month until registered. </NoteText><SourceType>State</SourceType>
<DisplayForATC>0</DisplayForATC></Note><Note><NoteText>Fee is $5.00 per each 8 1/2 by 11 inch page filled.</NoteText><SourceType>State</SourceType><DisplayForATC>0</DisplayForATC></Note></Notes><FeeTotal>611.70</FeeTotal><TotalSalesTax><Rate>4.750000</Rate><Amount>137.050000</Amount></TotalSalesTax><FeeDetails><FeeDetail><Feeld>341930</Feeld><FeeCategory>Standalone</FeeCategory><FeeName>State Tax</FeeName><FeeType>Sales</FeeType><SourceType>State</SourceType><FormulaMerged>(0.029000 * ((12885.00 + 0.00 + 0.00 + 0.00 - 0.00 - 10000.00))) - 0.0</FormulaMerged><FormulaTextual>(0.029000 * ((Base Price + Warranties + Extended Warranties + Theft Protection - Discounts - Trade In Amount))) - Taxes Paid to Another State</FormulaTextual><FormulaFields>Base Price|Warranties|Extended Warranties|Theft Protection|Discounts|Trade In Amount|Taxes Paid to Another State</FormulaFields><FeeDescription>&lt;i>CO is NOT reciprocal with all states. Please refer to your state reciprocity rules before applying Taxes Paid to Another State in the formula. Reciprocity is ONLY applied at the state tax level.</i></FeeDescription><InformationOnly>0</InformationOnly><FeeTaxRate>2.90000</FeeTaxRate><Amount>83.67</Amount></FeeDetail><FeeDetail><Feeld>341953</Feeld><FeeCategory>Standalone</FeeCategory><FeeName>County Tax</FeeName><FeeType>Sales</FeeType><SourceType>County</SourceType><FormulaMerged>0.00750 * ((12885.00 + 0.00 + 0.00 + 0.00 - 0.00 - 10000.00))</FormulaMerged><FormulaTextual>0.00750 * ((Base Price + Warranties + Extended Warranties + Theft Protection - Discounts - Trade In Amount))</FormulaTextual><FormulaFields>Base Price|Warranties|Extended Warranties|Theft Protection|Discounts|Trade In Amount</FormulaFields><FeeDescription /><InformationOnly>0</InformationOnly><FeeTaxRate>0.75000</FeeTaxRate><Amount>21.64</Amount></FeeDetail><FeeDetail><Feeld>333603</Feeld><FeeCategory>Standalone</FeeCategory><FeeName>RTD Fee</FeeName><FeeType>Sales</FeeType><SourceType>City</SourceType><FormulaMerged>0.01 * ((12885.00 + 0.00 + 0.00 + 0.00 - 0.00 - 10000.00))</FormulaMerged><FormulaTextual>0.01 * ((Base Price + Warranties + Extended Warranties + Theft Protection - Discounts - Trade In Amount))</FormulaTextual><FormulaFields>Base Price|Warranties|Extended Warranties|Theft Protection|Discounts|Trade In Amount</FormulaFields><FeeDescription /><InformationOnly>0</InformationOnly><FeeTaxRate>1.00000</FeeTaxRate><Amount>28.85</Amount></FeeDetail><FeeDetail><Feeld>339477</Feeld><FeeCategory>Standalone</FeeCategory><FeeName>ATC Service Fee</FeeName><FeeType>Registration</FeeType><SourceType>State</SourceType><FormulaMerged>85</FormulaMerged><FormulaTextual>85</FormulaTextual><FeeDescription /><InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>85.00</Amount></FeeDetail><FeeDetail><Feeld>339527</Feeld><FeeCategory>Standalone</FeeCategory><FeeName>Mailing Expense</FeeName><FeeType>Registration</FeeType><SourceType>State</SourceType><FormulaMerged>49</FormulaMerged><FormulaTextual>49</FormulaTextual><FeeDescription /><InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>49.00</Amount></FeeDetail><FeeDetail><Feeld>341294</Feeld><FeeCategory>Standalone</FeeCategory><FeeName>Special District Fee</FeeName><FeeType>Sales</FeeType><SourceType>City</SourceType><FormulaMerged>0.001 * ((12885.00 + 0.00 + 0.00 + 0.00 - 0.00 - 10000.00))</FormulaMerged><FormulaTextual>0.001 * ((Base Price + Warranties + Extended Warranties + Theft Protection - D
```

discounts - Trade In Amount))</FormulaTextual><FormulaFields>Base Price|Warranties|Extended Warranti
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 00</FeeTaxRate><Amount>12.20</Amount><SubFees><SubFee><Feeld>338666</Feeld><FeeCategory>Su
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 ge, Age of Vehicle Add On, Clerk Fee, County Road and Bridge, Emergency Medical Services, Emissions Ar
 ea Air Account, Emissions Program Area County, Emissions Statewide Air Account, Insurance Fee, Material
 Month Tab, Material Year Tab, Plates, Motorist Insurance, Peace Officer, Reg Base Fee County</Descriptio
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```
</InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>6.00</Amount><
/SubFee></SubFees></FeeDetail></FeeDetails></FeeServiceResponse>
```

SUCCESSFUL + GRANULARITY 1 (Sub Fees are not returned with Rollup Fees)

REQUEST

POST: <https://svc.autotitling.com/AGFService/v1.0/>

Content-Type: application/xml

Content-Length: 1716

Host: svc.autotitling.com

userToken: <USER TOKEN>

```
<ServiceRequest xmlns="urn:atc-
feequote" type="FeeQuote" verbosityLevel="3" granularity="1" quoteType="A"><IsProces
sing>1</IsProcessing><State>Colorado</State><County>Adams</County><City>Adams City</
City><OutsideCityLimits>0</OutsideCityLimits><InState>true</InState><Vehicle><VIN>AG
FTESTVEHICLEVIN</VIN><BasePrice>12885.00</BasePrice><CustomerType>D</CustomerType><F
uelType>G</FuelType><Finance><DownPayment>0.00</DownPayment><MonthlyPayment>732.00</
MonthlyPayment><MonthsInTerm>36</MonthsInTerm><CapCostReduction>0</CapCostReduction>
</Finance><GVW>0</GVW><GVWR>0</GVWR><LienStatus>1</LienStatus><Year>2018</Year><MSRP
>12885.00</MSRP><Plate><IsTransfer>0</IsTransfer><PlateType>R</PlateType></Plate><Re
gistrationOption>B</RegistrationOption><RegistrationMonths>3</RegistrationMonths><Da
ysSincePurchase>566</DaysSincePurchase><TitleStatus>T</TitleStatus><TradeIns><TradeI
n><Amount>10000.00</Amount></TradeIn></TradeIns><TransactionType>P</TransactionType>
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arranties><Weight>100</Weight><Rebates><Dealer>2500.00</Dealer><Manufacturer>0</Manu
facturer></Rebates><Additions><Addition name="Add on">803</Addition></Additions><Del
iveryFees></DeliveryFees><Discounts><Discount name="Discount">0.00 </Discount></Disc
ounts><DocFees><DocFee name="Doc Fees">80.00</DocFee></DocFees><DealerServiceFees></
DealerServiceFees><ExtendedWarranties><ExtendedWarranty name="ExtendedWarranties">0<
/ExtendedWarranty></ExtendedWarranties><InsurancePackages></InsurancePackages><Prote
ctionPackages></ProtectionPackages><Taxes></Taxes><TheftProtections><TheftProtection
name="TheftProtection">0</TheftProtection></TheftProtections></Vehicle></ServiceReq
uest>
```

RESPONSE

cache-control → private

content-length → 5130

content-type → application/xml; charset=utf-8

date → Wed, 15 Jul 2020 12:40:33 GMT

server → Microsoft-IIS/10.0

x-aspnet-version → 4.0.30319

x-powered-by → ASP.NET

```
<FeeServiceResponse xmlns="urn:atc-feequote" quoteType="A" verbosityLevel="3"><Status>0</Status><Notes><Note><NoteText>Penalties start 30 days after purchase date.
Mandatory $25 late fee and $25 per month until registered. </NoteText><SourceType>State</SourceType>
<DisplayForATC>0</DisplayForATC></Note><Note><NoteText>Fee is $5.00 per each 8 1/2 by 11 inch page filled.</NoteText><SourceType>State</SourceType><DisplayForATC>0</DisplayForATC></Note></Notes><FeeTotal>611.70</FeeTotal><TotalSalesTax><Rate>4.750000</Rate><Amount>137.050000</Amount></TotalSalesTax><FeeDetails><FeeDetail><Feeld>341930</Feeld><FeeCategory>Standalone</FeeCategory><FeeName>State Tax</FeeName><FeeType>Sales</FeeType><SourceType>State</SourceType><FormulaMerged>(0.029000 * ((12885.00 + 0.00 + 0.00 + 0.00 - 0.00 - 10000.00))) - 0.0</FormulaMerged><FormulaTextual>(0.029000 * ((Base Price + Warranties + Extended Warranties + Theft Protection - Discounts - Trade In Amount))) - Taxes Paid to Another State</FormulaTextual><FormulaFields>Base Price|Warranties|Extended Warranties|Theft Protection|Discounts|Trade In Amount|Taxes Paid to Another State</FormulaFields><FeeDescription>&lt;i>CO is NOT reciprocal with all states. Please refer to your state reciprocity rules before applying Taxes Paid to Another State in the formula. Reciprocity is ONLY applied at the state tax level.</i></FeeDescription><InformationOnly>0</InformationOnly><FeeTaxRate>2.90000</FeeTaxRate><Amount>83.67</Amount></FeeDetail><FeeDetail><Feeld>341953</Feeld><FeeCategory>Standalone</FeeCategory><FeeName>County Tax</FeeName><FeeType>Sales</FeeType><SourceType>County</SourceType><FormulaMerged>0.00750 * ((12885.00 + 0.00 + 0.00 + 0.00 - 0.00 - 10000.00))</FormulaMerged><FormulaTextual>0.00750 * ((Base Price + Warranties + Extended Warranties + Theft Protection - Discounts - Trade In Amount))</FormulaTextual><FormulaFields>Base Price|Warranties|Extended Warranties|Theft Protection|Discounts|Trade In Amount</FormulaFields><FeeDescription /><InformationOnly>0</InformationOnly><FeeTaxRate>0.75000</FeeTaxRate><Amount>21.64</Amount></FeeDetail><FeeDetail><Feeld>333603</Feeld><FeeCategory>Standalone</FeeCategory><FeeName>RTD Fee</FeeName><FeeType>Sales</FeeType><SourceType>City</SourceType><FormulaMerged>0.01 * ((12885.00 + 0.00 + 0.00 + 0.00 - 0.00 - 10000.00))</FormulaMerged><FormulaTextual>0.01 * ((Base Price + Warranties + Extended Warranties + Theft Protection - Discounts - Trade In Amount))</FormulaTextual><FormulaFields>Base Price|Warranties|Extended Warranties|Theft Protection|Discounts|Trade In Amount</FormulaFields><FeeDescription /><InformationOnly>0</InformationOnly><FeeTaxRate>1.00000</FeeTaxRate><Amount>28.85</Amount></FeeDetail><FeeDetail><Feeld>339477</Feeld><FeeCategory>Standalone</FeeCategory><FeeName>ATC Service Fee</FeeName><FeeType>Registration</FeeType><SourceType>State</SourceType><FormulaMerged>85</FormulaMerged><FormulaTextual>85</FormulaTextual><FeeDescription /><InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>85.00</Amount></FeeDetail><FeeDetail><Feeld>339527</Feeld><FeeCategory>Standalone</FeeCategory><FeeName>Mailing Expense</FeeName><FeeType>Registration</FeeType><SourceType>State</SourceType><FormulaMerged>49</FormulaMerged><FormulaTextual>49</FormulaTextual><FeeDescription /><InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>49.00</Amount></FeeDetail><FeeDetail><Feeld>341294</Feeld><FeeCategory>Standalone</FeeCategory><FeeName>Special District Fee</FeeName><FeeType>Sales</FeeType><SourceType>City</SourceType><FormulaMerged>0.001 * ((12885.00 + 0.00 + 0.00 + 0.00 - 0.00 - 10000.00))</FormulaMerged><FormulaTextual>0.001 * ((Base Price + Warranties + Extended Warranties + Theft Protection - Discounts - Trade In Amount))</FormulaTextual><FormulaFields>Base Price|Warranties|Extended Warranties|Theft Protection|Discounts|Trade In Amount</FormulaFields><FeeDescription /><InformationOnly>0</InformationOnly><FeeTaxRate>0.10000</FeeTaxRate><Amount>2.89</Amount></FeeDetail><FeeDetail><
```

```

Feeld>356944</Feeld><FeeCategory>Rollup</FeeCategory><FeeType>Registration</FeeType><SourceTy
pe>State</SourceType><InformationOnly>0</InformationOnly><RollupTitleId>86</RollupTitleId><RollupTi
tleName>Title Fees</RollupTitleName><Description>Lien Fee, Title Fee</Description><FeeTaxRate>0.000
00</FeeTaxRate><Amount>12.20</Amount></FeeDetail><FeeDetail><Feeld>356983</Feeld><FeeCategory
>Rollup</FeeCategory><FeeType>Registration</FeeType><SourceType>State</SourceType><Information
Only>0</InformationOnly><RollupTitleId>85</RollupTitleId><RollupTitleName>Registration Fees</RollupT
itleName><Description>Registration Fee, Road Safety surcharge , Bridge Safety Surcharge, Age of Vehicle
Add On, Clerk Fee, County Road and Bridge, Emergency Medical Services, Emissions Area Air Account, Em
issions Program Area County, Emissions Statewide Air Account, Insurance Fee, Material Month Tab, Materi
al Year Tab, Plates, Motorist Insurance, Peace Officer, Reg Base Fee County</Description><FeeTaxRate>0.0
0000</FeeTaxRate><Amount>328.45</Amount></FeeDetail></FeeDetails></FeeServiceResponse>

```

SUCCESSFUL + GRANULARITY 0 (Sub Fees are included without Rollup Fees)

REQUEST

POST: <https://svc.autotitling.com/AGFService/v1.0/>

Content-Type: application/xml

Content-Length: 1716

Host: svc.autotitling.com

userToken: <USER TOKEN>

```

<ServiceRequest xmlns="urn:atc-
feequote" type="FeeQuote" verbosityLevel="3" granularity="0" quoteType="A"><IsProces
sing>1</IsProcessing><State>Colorado</State><County>Adams</County><City>Adams City</
City><OutsideCityLimits>0</OutsideCityLimits><InState>true</InState><Vehicle><VIN>AG
FTESTVEHICLEVIN</VIN><BasePrice>12885.00</BasePrice><CustomerType>D</CustomerType><F
uelType>G</FuelType><Finance><DownPayment>0.00</DownPayment><MonthlyPayment>732.00</
MonthlyPayment><MonthsInTerm>36</MonthsInTerm><CapCostReduction>0</CapCostReduction>
</Finance><GVW>0</GVW><GVWR>0</GVWR><LienStatus>1</LienStatus><Year>2018</Year><MSRP
>12885.00</MSRP><Plate><IsTransfer>0</IsTransfer><PlateType>R</PlateType></Plate><Re
gistrationOption>B</RegistrationOption><RegistrationMonths>3</RegistrationMonths><Da
ysSincePurchase>566</DaysSincePurchase><TitleStatus>T</TitleStatus><TradeIns><TradeI
n><Amount>10000.00</Amount></TradeIn></TradeIns><TransactionType>P</TransactionType>
<VehicleType>PV</VehicleType><Warranties><Warranty name="Warranties">0</Warranty></W
arranties><Weight>100</Weight><Rebates><Dealer>2500.00</Dealer><Manufacturer>0</Manu
facturer></Rebates><Additions><Addition name="Add on">803</Addition></Additions><Del
iveryFees></DeliveryFees><Discounts><Discount name="Discount">0.00 </Discount></Disc
ounts><DocFees><DocFee name="Doc Fees">80.00</DocFee></DocFees><DealerServiceFees></
DealerServiceFees><ExtendedWarranties><ExtendedWarranty name="ExtendedWarranties">0<
/ExtendedWarranty></ExtendedWarranties><InsurancePackages></InsurancePackages><Prote
ctionPackages></ProtectionPackages><Taxes></Taxes><TheftProtections><TheftProtection
name="TheftProtection">0</TheftProtection></TheftProtections></Vehicle></ServiceReq
uest>

```

RESPONSE

cache-control → private

content-length → 10951

content-type → application/xml; charset=utf-8

date → Wed, 15 Jul 2020 12:48:22 GMT
server → Microsoft-IIS/10.0
x-aspnet-version → 4.0.30319
x-powered-by → ASP.NET

```
<FeeServiceResponse xmlns="urn:atc-feequote" quoteType="A" verbosityLevel="3"><Status>0</Status><Notes><Note><NoteText>Penalties start 30 days after purchase date. Mandatory $25 late fee and $25 per month until registered. </NoteText><SourceType>State</SourceType><DisplayForATC>0</DisplayForATC></Note><Note><NoteText>Fee is $5.00 per each 8 1/2 by 11 inch page filled.</NoteText><SourceType>State</SourceType><DisplayForATC>0</DisplayForATC></Note></Notes><FeeTotal>611.70</FeeTotal><TotalSalesTax><Rate>4.750000</Rate><Amount>137.050000</Amount></TotalSalesTax><FeeDetails><FeeDetail><Feeld>341930</Feeld><FeeCategory>Standalone</FeeCategory><FeeName>State Tax</FeeName><FeeType>Sales</FeeType><SourceType>State</SourceType><FormulaMerged>(0.029000 * ((12885.00 + 0.00 + 0.00 + 0.00 - 0.00 - 10000.00))) - 0.0</FormulaMerged><FormulaTextual>(0.029000 * ((Base Price + Warranties + Extended Warranties + Theft Protection - Discounts - Trade In Amount))) - Taxes Paid to Another State</FormulaTextual><FormulaFields>Base Price|Warranties|Extended Warranties|Theft Protection|Discounts|Trade In Amount|Taxes Paid to Another State</FormulaFields><FeeDescription>&lt;i>CO is NOT reciprocal with all states. Please refer to your state reciprocity rules before applying Taxes Paid to Another State in the formula. Reciprocity is ONLY applied at the state tax level.</i></FeeDescription><InformationOnly>0</InformationOnly><FeeTaxRate>2.90000</FeeTaxRate><Amount>83.67</Amount></FeeDetail><FeeDetail><Feeld>341953</Feeld><FeeCategory>Standalone</FeeCategory><FeeName>County Tax</FeeName><FeeType>Sales</FeeType><SourceType>County</SourceType><FormulaMerged>0.00750 * ((12885.00 + 0.00 + 0.00 + 0.00 - 0.00 - 10000.00))</FormulaMerged><FormulaTextual>0.00750 * ((Base Price + Warranties + Extended Warranties + Theft Protection - Discounts - Trade In Amount))</FormulaTextual><FormulaFields>Base Price|Warranties|Extended Warranties|Theft Protection|Discounts|Trade In Amount</FormulaFields><FeeDescription /><InformationOnly>0</InformationOnly><FeeTaxRate>0.75000</FeeTaxRate><Amount>21.64</Amount></FeeDetail><FeeDetail><Feeld>356946</Feeld><FeeCategory>Subfee</FeeCategory><FeeName>Age of Vehicle Add On</FeeName><FeeType>Registration</FeeType><SourceType>State</SourceType><FormulaMerged>7.0000</FormulaMerged><FormulaTextual>7.0000</FormulaTextual><InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>7.00</Amount></FeeDetail><FeeDetail><Feeld>356948</Feeld><FeeCategory>Subfee</FeeCategory><FeeName>Clerk Fee</FeeName><FeeType>Registration</FeeType><SourceType>State</SourceType><FormulaMerged>4.0000</FormulaMerged><FormulaTextual>4.0000</FormulaTextual><InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>4.00</Amount></FeeDetail><FeeDetail><Feeld>356950</Feeld><FeeCategory>Subfee</FeeCategory><FeeName>County Road and Bridge</FeeName><FeeType>Registration</FeeType><SourceType>State</SourceType><FormulaMerged>1.5000</FormulaMerged><FormulaTextual>1.5000</FormulaTextual><InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>1.50</Amount></FeeDetail><FeeDetail><Feeld>356954</Feeld><FeeCategory>Subfee</FeeCategory><FeeName>Emergency Medical Services</FeeName><FeeType>Registration</FeeType><SourceType>State</SourceType><FormulaMerged>2.0000</FormulaMerged><FormulaTextual>2.0000</FormulaTextual><InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>2.00</Amount></FeeDetail><FeeDetail><Feeld>356956</Feeld><FeeCategory>Subfee</FeeCategory><FeeName>Emissions Area Air Account</FeeName><FeeType>Registration</FeeType><
```

SourceType>State</SourceType><FormulaMerged>1.5000</FormulaMerged><FormulaTextual>1.5000</Fo
 rmulaTextual><InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>1.50
 </Amount></FeeDetail><FeeDetail><Feeld>356960</Feeld><FeeCategory>Subfee</FeeCategory><FeeNa
 me>Emissions Program Area County</FeeName><FeeType>Registration</FeeType><SourceType>State</
 SourceType><FormulaMerged>0.7000</FormulaMerged><FormulaTextual>0.7000</FormulaTextual><Inf
 ormationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>0.70</Amount></Fee
 Detail><FeeDetail><Feeld>356962</Feeld><FeeCategory>Subfee</FeeCategory><FeeName>Emissions St
 atewide Air Account</FeeName><FeeType>Registration</FeeType><SourceType>State</SourceType><For
 mulaMerged>0.5000</FormulaMerged><FormulaTextual>0.5000</FormulaTextual><InformationOnly>0</
 InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>0.50</Amount></FeeDetail><FeeDetail>
 <Feeld>356964</Feeld><FeeCategory>Subfee</FeeCategory><FeeName>Insurance Fee</FeeName><Fee
 Type>Registration</FeeType><SourceType>State</SourceType><FormulaMerged>0.5000</FormulaMerge
 d><FormulaTextual>0.5000</FormulaTextual><InformationOnly>0</InformationOnly><FeeTaxRate>0.000
 00</FeeTaxRate><Amount>0.50</Amount></FeeDetail><FeeDetail><Feeld>356966</Feeld><FeeCategory
 >Subfee</FeeCategory><FeeName>Material Month Tab</FeeName><FeeType>Registration</FeeType><S
 ourceType>State</SourceType><FormulaMerged>0.1100</FormulaMerged><FormulaTextual>0.1100</For
 mulaTextual><InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>0.11</
 Amount></FeeDetail><FeeDetail><Feeld>356968</Feeld><FeeCategory>Subfee</FeeCategory><FeeNam
 e>Material Year Tab</FeeName><FeeType>Registration</FeeType><SourceType>State</SourceType><For
 mulaMerged>0.1700</FormulaMerged><FormulaTextual>0.1700</FormulaTextual><InformationOnly>0</I
 nformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>0.17</Amount></FeeDetail><FeeDetail><
 Feeld>356970</Feeld><FeeCategory>Subfee</FeeCategory><FeeName>Plates</FeeName><FeeType>Re
 gistration</FeeType><SourceType>State</SourceType><FormulaMerged>3.7800</FormulaMerged><For
 mulaTextual>3.7800</FormulaTextual><InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</Fe
 eTaxRate><Amount>3.78</Amount></FeeDetail><FeeDetail><Feeld>356972</Feeld><FeeCategory>Subfe
 e</FeeCategory><FeeName>Motorist Insurance</FeeName><FeeType>Registration</FeeType><SourceTy
 pe>State</SourceType><FormulaMerged>0.1000</FormulaMerged><FormulaTextual>0.1000</FormulaTe
 xtual><InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>0.10</Amou
 nt></FeeDetail><FeeDetail><Feeld>356976</Feeld><FeeCategory>Subfee</FeeCategory><FeeName>Pea
 ce Officer</FeeName><FeeType>Registration</FeeType><SourceType>State</SourceType><FormulaMerg
 ed>1.0000</FormulaMerged><FormulaTextual>1.0000</FormulaTextual><InformationOnly>0</Informatio
 nOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>1.00</Amount></FeeDetail><FeeDetail><Feeld>356
 980</Feeld><FeeCategory>Subfee</FeeCategory><FeeName>Reg Base Fee County</FeeName><FeeTyp
 e>Registration</FeeType><SourceType>State</SourceType><FormulaMerged>6</FormulaMerged><Form
 ulaTextual>(6[Vehicle Weight(100) RANGE 0|2000])</FormulaTextual><InformationOnly>0</Informatio
 nly><FeeTaxRate>0.00000</FeeTaxRate><Amount>6.00</Amount></FeeDetail><FeeDetail><Feeld>33360
 3</Feeld><FeeCategory>Standalone</FeeCategory><FeeName>RTD Fee</FeeName><FeeType>Sales</Fe
 eType><SourceType>City</SourceType><FormulaMerged>0.01 * ((12885.00 + 0.00 + 0.00 + 0.00 - 0.00 - 100
 00.00))</FormulaMerged><FormulaTextual>0.01 * ((Base Price + Warranties + Extended Warranties + Theft
 Protection - Discounts - Trade In Amount))</FormulaTextual><FormulaFields>Base Price|Warranties|Exte
 nded Warranties|Theft Protection|Discounts|Trade In Amount</FormulaFields><FeeDescription /><Inform
 ationOnly>0</InformationOnly><FeeTaxRate>1.00000</FeeTaxRate><Amount>28.85</Amount></FeeDeta
 il><FeeDetail><Feeld>338666</Feeld><FeeCategory>Subfee</FeeCategory><FeeName>Lien Fee</FeeNa

```
me><FeeType>Registration</FeeType><SourceType>State</SourceType><FormulaMerged>5</FormulaMerged><FormulaTextual>5</FormulaTextual><FeeDescription>&lt;li>Fee is $5.00 per each 8 1/2 by 11 inch page filed.</li></FeeDescription><InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>5.00</Amount></FeeDetail><FeeDetail><Feeld>339477</Feeld><FeeCategory>Standalone</FeeCategory><FeeName>ATC Service Fee</FeeName><FeeType>Registration</FeeType><SourceType>State</SourceType><FormulaMerged>85</FormulaMerged><FormulaTextual>85</FormulaTextual><FeeDescription /><InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>85.00</Amount></FeeDetail><FeeDetail><Feeld>339527</Feeld><FeeCategory>Standalone</FeeCategory><FeeName>Mailing Expense</FeeName><FeeType>Registration</FeeType><SourceType>State</SourceType><FormulaMerged>49</FormulaMerged><FormulaTextual>49</FormulaTextual><FeeDescription /><InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>49.00</Amount></FeeDetail><FeeDetail><Feeld>340422</Feeld><FeeCategory>Subfee</FeeCategory><FeeName>Title Fee</FeeName><FeeType>Registration</FeeType><SourceType>State</SourceType><FormulaMerged>7.2</FormulaMerged><FormulaTextual>7.2</FormulaTextual><FeeDescription /><InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>7.20</Amount></FeeDetail><FeeDetail><Feeld>341202</Feeld><FeeCategory>Subfee</FeeCategory><FeeName>Registration Fee</FeeName><FeeType>Registration</FeeType><SourceType>State</SourceType><FormulaMerged>0.021 * 12885.00</FormulaMerged><FormulaTextual>0.021 * MSRP</FormulaTextual><FormulaFields>MSRP</FormulaFields><FeeDescription>&lt;li>Estimate only, fee is time sensitive. </li></FeeDescription><InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>270.59</Amount></FeeDetail><FeeDetail><Feeld>341294</Feeld><FeeCategory>Standalone</FeeCategory><FeeName>Special District Fee</FeeName><FeeType>Sales</FeeType><SourceType>City</SourceType><FormulaMerged>0.001 * ((12885.00 + 0.00 + 0.00 + 0.00 - 0.00 - 10000.00))</FormulaMerged><FormulaTextual>0.001 * ((Base Price + Warranties + Extended Warranties + Theft Protection - Discounts - Trade In Amount))</FormulaTextual><FormulaFields>Base Price|Warranties|Extended Warranties|Theft Protection|Discounts|Trade In Amount</FormulaFields><FeeDescription /><InformationOnly>0</InformationOnly><FeeTaxRate>0.10000</FeeTaxRate><Amount>2.89</Amount></FeeDetail><FeeDetail><Feeld>341807</Feeld><FeeCategory>Subfee</FeeCategory><FeeName>Road Safety surcharge </FeeName><FeeType>Registration</FeeType><SourceType>State</SourceType><FormulaMerged>16</FormulaMerged><FormulaTextual>(16[Vehicle Weight(100) RANGE 0|2000])</FormulaTextual><FeeDescription /><InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>16.00</Amount></FeeDetail><FeeDetail><Feeld>341808</Feeld><FeeCategory>Subfee</FeeCategory><FeeName>Bridge Safety Surcharge</FeeName><FeeType>Registration</FeeType><SourceType>State</SourceType><FormulaMerged>13</FormulaMerged><FormulaTextual>(13[Vehicle Weight(100) RANGE 0|2000])</FormulaTextual><FeeDescription></FeeDescription><InformationOnly>0</InformationOnly><FeeTaxRate>0.00000</FeeTaxRate><Amount>13.00</Amount></FeeDetail></FeeDetails></FeeServiceResponse>
```

MISSING DATA POINTS

REQUEST

POST: <https://svc.autotitling.com/AGFService/v1.0/>

Content-Type: application/xml

Host: svc.autotitling.com

Content-Length: 1415

userToken: <USER TOKEN>

```
<ServiceRequest xmlns="urn:atc-feequote" type="FeeQuote" verbosityLevel="3" quoteType="A"><State>Col-  
orado</State><County>Arapahoe</County><City>Centennial</City><OutsideCityLimits>0</OutsideCityLim-  
its><InState>>false</InState><Vehicle><VIN>11111111</VIN><BasePrice>40000</BasePrice><CustomerType>D</  
CustomerType><FuelType>H</FuelType><Cylinders>8</Cylinders><Finance><DownPayment>2000</Down-  
Payment></Finance><GVW>2000</GVW><GVWR>1800</GVWR><HP>330</HP><LienStatus>0</LienSta-  
tus><Year>2010</Year><Plate><IsTransfer>0</IsTransfer><PlateType>R</PlateType></Plate><TaxesPaidToAn-  
otherState>0</TaxesPaidToAnotherState><DaysSincePurchase>367</DaysSincePurchase><TitleStatus>T</  
TitleStatus><TradeIns><TradeIn><Amount>2000</Amount></TradeIn></TradeIns><TransactionType>P</  
TransactionType><VehicleType>PV</VehicleType><Warranties><Warranty name="My Warranty">250</  
Warranty><Warranty name="Another Warranty">150</Warranty></Warranties><Weight>2000</  
Weight><Rebates><Dealer>0</Dealer><Manufacturer>0</Manufacturer></Rebates><Additions /><Deliv-  
eryFees /><Discounts /><DocFees /><ExtendedWarranties /><InsurancePackages /><ProtectionPackag-  
es /><Taxes /><TheftProtections /></Vehicle><Seller><Override>0</Override><Name>Test User</Name><Ad-  
dress1>Moody</Address1><Address2>Saint Clair</Address2><State>Alabama</State><County>Saint Clair</  
County><City>Moody</City><ZipCode>35004</ZipCode></Seller></ServiceRequest>
```

RESPONSE

cache-control →private
content-length →320
content-type →application/xml; charset=utf-8
date →Tue, 17 Jul 2018 10:53:04 GMT
server →Microsoft-IIS/10.0
x-aspnet-version →4.0.30319
x-powered-by →ASP.NET

```
<FeeServiceResponse xmlns="urn:atc-feequote" quoteType="A" verbosityLevel="3"><Status>-1</Status><Messages><Message><MessageType>Error</MessageType><MessageText>Required data value should be greater than zero or missing in path, for "//ServiceRequest/Vehicle/MSRP"</MessageText></Message></Messages></FeeServiceResponse>
```

RESPONSE WITH NOTES

REQUEST

POST: <https://svc.autotitling.com/AGFService/v1.0/>

Content-Type: application/xml
Host: svc.autotitling.com
Content-Length: 1457
userToken: <USER TOKEN>

```
<ServiceRequest xmlns="urn:atc-feequote" type="FeeQuote" verbosityLevel="3" quoteType="A"><State>District of Columbia</State><County>DISTRICT OF COLUMBIA</County><City>WASHINGTON</City><OutsideCityLimits>0</OutsideCityLimits><InState>>false</InState><Vehicle><VIN>111111111</VIN><BasePrice>40000</BasePrice><CustomerType>D</CustomerType><FuelType>H</FuelType><Cylinders>8</Cylinders><Finance><DownPayment>2000</DownPayment></Finance><GVW>2000</GVW><GVWR>1800</GVWR><HP>330</HP><LienStatus>0</LienStatus><Year>2010</Year><MSRP>16000</MSRP><Plate><IsTransfer>0</IsTransfer><PlateType>R</PlateType></Plate><TaxesPaidToAnotherState>0</TaxesPaidToAnotherState><DaysSincePurchase>367</DaysSincePurchase><TitleStatus>T</TitleStatus><TradeIns><TradeIn><Amount>2000</Amount></TradeIn></TradeIns><TransactionType>P</TransactionType><VehicleType>PV</VehicleType><Warranties><Warranty name="My Warranty">250</Warranty><Warranty name="Another Warranty">150</Warranty></Warranties><Weight>2000</Weight><Rebates><Dealer>0</Dealer><Manufacturer>0</Manufacturer></Rebates><Additions /><DeliveryFees /><Discounts /><DocFees /><ExtendedWarranties /><InsurancePackages /><ProtectionPackages /><Taxes /><TheftProtections /></Vehicle><Seller><Override>0</Override><Name>Test User</Name><Address1>Moody</Address1><Address2>Saint Clair</Address2><State>Alabama</State><County>Saint Clair</County><City>Moody</City><ZipCode>35004</ZipCode></Seller></ServiceRequest>
```

RESPONSE

cache-control →private
 content-length →5131
 content-type →application/xml; charset=utf-8
 date →Thu, 19 Jul 2018 04:58:28 GMT
 server →Microsoft-IIS/10.0
 x-aspnet-version →4.0.30319
 x-powered-by →ASP.NET

```
<FeeServiceResponse xmlns="urn:atc-feequote" quoteType="A" verbosityLevel="3"><Status>0</Sta-
tus><Notes><Note><NoteText>Excise Tax must be paid to DC. DC is not reciprocal with any state.</
NoteText><SourceType>State</SourceType><DisplayForATC>0</DisplayForATC></Note><Note><NoteTex-
t>Vehicles that get 41 or more MPG, including Honda Insight, Honda Civic Hybrid and Toyota Prius Hy-
brid qualify for tax exempt status based on fuel efficiency.</NoteText><SourceType>State</SourceType><Dis-
playForATC>0</DisplayForATC></Note><Note><NoteText>Excise Tax is based on Fair Market Value.
Please use online link to find Fair Market Value: https://public.dmv.washingtondc.gov/BusinessPages/VR/
ExciseTax/VehicleSearch.aspx
If Fair Market Value is not available online, excise tax is calculated off BASE PRICE x tax rate. Tax rate is based
on vehicle weight.
THE DISPLAYED AMOUNT BELOW IS THE BASE PRICE CALCULATION
</NoteText><SourceType>State</SourceType><DisplayForATC>0</DisplayForATC></Note></Notes><Fee-
Total>2568.00</FeeTotal><TotalSalesTax><Rate>6.000000</Rate><Amount>2400.000000</Amount></
TotalSalesTax><FeeDetails><FeeDetail><Feeld>328299</Feeld><FeeName>District Sales Tax</FeeName><-
FeeType>Sales</FeeType><FeeTaxRate>6.00000</FeeTaxRate><Amount>2400.00</Amount><Source-
Type>State</SourceType><FormulaMerged>0.06 * 40000</FormulaMerged><FormulaTextual>(0.06[-
Vehicle Weight(2000) RANGE 0|3499]) * Base Price</FormulaTextual><FormulaFields>Base Price</
FormulaFields><FeeDescription>&lt;li&gt;Must be paid to DC, not reciprocal with any other state
&lt;li&gt;&lt;b&gt;TAX IS BASED ON VEHICLE SHIPPING WEIGHT.&lt;/b&gt; Displayed fee is based on in-
put on the dealer sheet
&lt;li&gt;Paid on full purchase price (fair market value)
&lt;li&gt;District of Columbia legislation limits the hybrid vehicle excise tax exemption to those vehi-
cles which achieve 40 miles per gallon (mpg) during city driving.
&lt;li&gt;Fully electric vehicles are exempt from sales tax.</FeeDescription><InformationOnly>0</
InformationOnly></FeeDetail><FeeDetail><Feeld>328422</Feeld><FeeName>Registration Fee</
FeeName><FeeType>Registration</FeeType><FeeTaxRate>0.00000</FeeTaxRate><Amount>72.00</
Amount><SourceType>State</SourceType><FormulaMerged>72</FormulaMerged><FormulaTextual>(72[Ve-
hicle Weight(2000) RANGE 0|3499])</FormulaTextual><FeeDescription>&lt;li&gt;&lt;b&gt;PLEASE NOTE:&lt;/b&gt;
DC will only allow renewal of registration on plate transfers if the renewal is up in the cur-
rent month or the next month.
&lt;li&gt;Registration fee is based on Vehicle Weight. DMV uses NADA guide for WT specs - not the title.
&lt;li&gt;Clean Fuel or Hybrid Vehicles are $36.00 per year
&lt;li&gt;DC offers a 2 year plate-fee is double. Please indicate if requesting a 2 year reg.</FeeDe-
scription><InformationOnly>0</InformationOnly></FeeDetail><FeeDetail><Feeld>317685</Feeld><-
FeeName>VIN Inspection Fee</FeeName><FeeType>Registration</FeeType><FeeTaxRate>0.00000</
FeeTaxRate><Amount>35.00</Amount><SourceType>State</SourceType><FormulaMerged>35</FormulaM-
erged><FormulaTextual>35</FormulaTextual><FeeDescription>&lt;li&gt;VIN Inspection due on all previous-
ly titled vehicles
&lt;li&gt;VIN Inspection due on all commercial vehicles</FeeDescription><InformationOnly>0</In-
formationOnly></FeeDetail><FeeDetail><Feeld>321093</Feeld><FeeName>DC Parking Permit</
FeeName><FeeType>Registration</FeeType><FeeTaxRate>0.00000</FeeTaxRate><Amount>35.00</
Amount><SourceType>State</SourceType><FormulaMerged>35</FormulaMerged><FormulaTextual>35</
FormulaTextual><FeeDescription>&lt;li&gt;Please verify zone
&lt;li&gt;Can request a 2 year permit fee is double.
```

Both Parking Permit and Registration must be for the same number of years.
 I.E: If requesting a 2 year parking permit must pay for a 2 year vehicle registration.
 PLEASE NOTE: DC will only allow renewal of registration on plate transfers if the renewal is up in the current month or the next month. Parking permits cannot be renewed if vehicle registration is not renewed.

```
</FeeDescription><InformationOnly>0</InformationOnly></FeeDetail><FeeDetail><FeeId>321837</FeeId><FeeName>Title Fee</FeeName><FeeType>Registration</FeeType><FeeTaxRate>0.00000</FeeTaxRate><Amount>26.00</Amount><SourceType>State</SourceType><FormulaMerged>26</FormulaMerged><FormulaTextual>26</FormulaTextual><FeeDescription /><InformationOnly>0</InformationOnly></FeeDetail></FeeDetails></FeeServiceResponse>
```

RESPONSE WITH SALES TAX DETAILS

REQUEST

POST: <https://svc.autotitling.com/AGFService/v1.0/>

Content-Type: application/xml

Host: svc.autotitling.com

Content-Length: 1457

userToken: <USER TOKEN>

```
<ServiceRequest xmlns="urn:atc-feequote" type="FeeQuote" verbosityLevel="3" quoteType="S"><State>District of Columbia</State><County>DISTRICT OF COLUMBIA</County><City>WASHINGTON</City><OutsideCityLimits>0</OutsideCityLimits><InState>>false</InState><Vehicle><VIN>111111111</VIN><BasePrice>40000</BasePrice><CustomerType>D</CustomerType><FuelType>H</FuelType><Cylinders>8</Cylinders><Finance><DownPayment>2000</DownPayment></Finance><GVW>2000</GVW><GVWR>1800</GVWR><HP>330</HP><LienStatus>0</LienStatus><Year>2010</Year><MSRP>16000</MSRP><Plate><IsTransfer>0</IsTransfer><PlateType>R</PlateType></Plate><TaxesPaidToAnotherState>0</TaxesPaidToAnotherState><DaysSincePurchase>367</DaysSincePurchase><TitleStatus>T</TitleStatus><TradeIns><TradeIn><Amount>2000</Amount></TradeIn></TradeIns><TransactionType>P</TransactionType><VehicleType>PV</VehicleType><Warranties><Warranty name="My Warranty">250</Warranty><Warranty name="Another Warranty">150</Warranty></Warranties><Weight>2000</Weight><Rebates><Dealer>0</Dealer><Manufacturer>0</Manufacturer></Rebates><Additions /><DeliveryFees /><Discounts /><DocFees /><ExtendedWarranties /><InsurancePackages /><ProtectionPackages /><Taxes /><TheftProtections /></Vehicle><Seller><Override>0</Override><Name>Test User</Name><Address1>Moody</Address1><Address2>Saint Clair</Address2><State>Alabama</State><County>Saint Clair</County><City>Moody</City><ZipCode>35004</ZipCode></Seller></ServiceRequest>
```

RESPONSE

cache-control → private

content-length → 2825

content-type → application/xml; charset=utf-8

date → Thu, 19 Jul 2018 05:40:49 GMT

server → Microsoft-IIS/10.0

x-aspnet-version → 4.0.30319

x-powered-by → ASP.NET

```
<FeeServiceResponse xmlns="urn:atc-feequote" quoteType="S" verbosityLevel="3"><Status>0</Sta-
tus><Notes><Note><NoteText>Excise Tax must be paid to DC. DC is not reciprocal with any state.</
NoteText><SourceType>State</SourceType><DisplayForATC>0</DisplayForATC></Note><Note><NoteTex-
t>Vehicles that get 41 or more MPG, including Honda Insight, Honda Civic Hybrid and Toyota Prius Hy-
brid qualify for tax exempt status based on fuel efficiency.</NoteText><SourceType>State</SourceType><Dis-
playForATC>0</DisplayForATC></Note><Note><NoteText>Excise Tax is based on Fair Market Value.
Please use online link to find Fair Market Value: https://public.dmv.washingtondc.gov/BusinessPages/VR/
ExciseTax/VehicleSearch.aspx
If Fair Market Value is not available online, excise tax is calculat-
ed off BASE PRICE x tax rate. Tax rate is based on vehicle weight.
THE DISPLAYED AMOUNT BELOW IS THE BASE PRICE CALCULATION
</NoteText><SourceType>State</SourceType><DisplayForATC>0</DisplayForATC></Note><Note><NoteTex-
t>&lt;li&gt;DC DMV uses an online calculator to find Fair Market Value: &lt;b&gt;https://public.dmv.washing-
tondc.gov/BusinessPages/VR/ExciseTax/VehicleSearch.aspx&lt;b&gt;
&lt;li&gt;Fair Market Value obtained from the calculator should be entered as Base Price for an ac-
curate quote. </NoteText><SourceType>State</SourceType><DisplayForATC>1</DisplayForATC></
Note><Note><NoteText>&lt;li&gt;Amount due is typically Base Price x Tax Rate (determined by ve-
hicle weight).</NoteText><SourceType>State</SourceType><DisplayForATC>1</DisplayForATC></
Note><Note><NoteText>&lt;li&gt;ATC will confirm Fair Market Value in the online calculator be-
fore submitting paperwork to DMV. Displayed tax amount is an ESTIMATE ONLY.</NoteText><Source-
Type>State</SourceType><DisplayForATC>1</DisplayForATC></Note></Notes><FeeTotal>2400.00</
FeeTotal><TotalSalesTax><Rate>6.00000</Rate><Amount>2400.00000</Amount></TotalSalesTax><-
FeeDetails><FeeDetail><Feeld>328299</Feeld><FeeName>District Sales Tax</FeeName><FeeType>-
Sales</FeeType><FeeTaxRate>6.00000</FeeTaxRate><Amount>2400.00</Amount><SourceType>State</
SourceType><FormulaMerged>0.06 * 40000</FormulaMerged><FormulaTextual>(0.06[Vehi-
cle Weight(2000) RANGE 0[3499]] * Base Price</FormulaTextual><FormulaFields>Base Price</Formula-
Fields><FeeDescription>&lt;li&gt;Must be paid to DC, not reciprocal with any other state
&lt;li&gt;&lt;b&gt;TAX IS BASED ON VEHICLE SHIPPING WEIGHT.&lt;/b&gt; Displayed fee is based on in-
put on the dealer sheet
&lt;li&gt;Paid on full purchase price (fair market value)
&lt;li&gt;District of Columbia legislation limits the hybrid vehicle excise tax exemption to those vehi-
cles which achieve 40 miles per gallon (mpg) during city driving.
&lt;li&gt;Fully electric vehicles are exempt from sales tax.</FeeDescription></FeeDetail></FeeDetails></Fee-
ServiceResponse>
```

RESPONSE WITH OPTIONAL FILTER

REQUEST

POST: <https://svc.autotitling.com/AGFService/v1.0/>

Content-Type: application/xml

Host: svc.autotitling.com

Content-Length: 1722

userToken: <USER TOKEN>

```
<ServiceRequest xmlns="urn:atc-feequote" type="FeeQuote" requestFrom="ATC" requestFor="" verbosi-
tyLevel="4" quoteType="A"><IsProcessing>1</IsProcessing><State>Arizona</State>
<County>Apache</County><City>Allentown</City><OutsideCityLimits>0</OutsideCityLimits>
<InState>true</InState><Vehicle><VIN>111111111</VIN><CustomerType>D</CustomerType>
<TitleStatus>MSO</TitleStatus><VehicleType>SUV</VehicleType><TransactionType>P</TransactionType>
<LienStatus>0</LienStatus><BasePrice>56000</BasePrice><GVW>30000</GVW><GVWR>210</GVWR>
<Weight>200</Weight><Year>2018</Year><Plate><IsTransfer>0</IsTransfer><PlateType>R</PlateType>
</Plate><Finance><DownPayment>0</DownPayment><MonthlyPayment>0</MonthlyPayment>
```

```
<MonthsInTerm>0</MonthsInTerm><CapCostReduction>0</CapCostReduction><CapitalizedCost>0</CapitalizedCost></Finance><MSRP>5600</MSRP><TradeIns><TradeIn><Amount>0</Amount></TradeIn></TradeIns><DaysSincePurchase>20</DaysSincePurchase><RegistrationOption>B</RegistrationOption><Rebates><Dealer>0</Dealer><Manufacturer>0</Manufacturer></Rebates><Additions></Additions><DeliveryFees></DeliveryFees><Discounts></Discounts><DocFees></DocFees><DealerServiceFees></DealerServiceFees><ExtendedWarranties></ExtendedWarranties><InsurancePackages></InsurancePackages><ProtectionPackages></ProtectionPackages><Taxes></Taxes><TheftProtections></TheftProtections><Warranties></Warranties></Vehicle><OptionalFilters><Filter name="Referral" Value="0" /><Filter name="Promotion" Value="0" /><Filter name="LeaseTaxesPaidUpfront" Value="0" /></OptionalFilters><Seller><Override>0</Override><Name>Test User</Name><Address1>#21Lane</Address1><Address2></Address2><State>Illinois</State><County>COOK</County><City>CHICAGO</City><ZipCode>60631</ZipCode></Seller></ServiceRequest>
```

RESPONSE

```
cache-control →private
content-length →3785
content-type →application/xml; charset=utf-8
date →Thu, 07 Feb 2019 07:08:13 GMT
server →Microsoft-IIS/10.0
x-aspnet-version →4.0.30319
x-powered-by →ASP.NET
```

```
<FeeServiceResponse xmlns="urn:atc-feequote" quoteType="A" verbosityLevel="4"><Status>0</Status><FeeTotal>3595.75</FeeTotal><TotalSalesTax><Rate>6.100000</Rate><Amount>3416.000000</Amount></TotalSalesTax><FeeDetails><FeeDetail><Feeld>335717</Feeld><FeeTitleId>56</FeeTitleId><FeeName>State Tax</FeeName><FeeType>Sales</FeeType><FeeTaxRate>5.60000</FeeTaxRate><Amount>3136.00</Amount><SourceType>State</SourceType><FormulaOriginal>(#~0.056: * #50:) - #11:</FormulaOriginal><FormulaTornDown>(0.056 * ((#1: - #12: - #25: - #43:))) - #11:</FormulaTornDown><FormulaMerged>(0.056 * ((56000 - 0 - 0.0 - 0))) - 0.0</FormulaMerged><FormulaTextual>(0.056 * ((Base Price - Trade In Amount - Discounts - Manufacturer Rebate))) - Taxes Paid to Another State</FormulaTextual><FormulaFields>Base Price|Trade In Amount|Discounts|Manufacturer Rebate|Taxes Paid to Another State</FormulaFields><FeeDescription>&lt;i>AZ is NOT reciprocal with all states. Please refer to your state reciprocity rules before applying Taxes Paid to Another State in the formula. Reciprocity is ONLY applied at the state tax level.</i></FeeDescription><InformationOnly>0</InformationOnly></FeeDetail><FeeDetail><Feeld>343955</Feeld><FeeTitleId>14</FeeTitleId><FeeName>County Tax</FeeName><FeeType>Sales</FeeType><FeeTaxRate>0.50000</FeeTaxRate><Amount>280.00</Amount><SourceType>County</SourceType><FormulaOriginal>(#~0.00500: * #50:)</FormulaOriginal><FormulaTornDown>(0.00500 * ((#1: - #12: - #25: - #43:)))</FormulaTornDown><FormulaMerged>(0.00500 * ((56000 - 0 - 0.0 - 0)))</FormulaMerged><FormulaTextual>(0.00500 * ((Base Price - Trade In Amount - Discounts - Manufacturer Rebate)))</FormulaTextual><FormulaFields>Base Price|Trade In Amount|Discounts|Manufacturer Rebate</FormulaFields><FeeDescription><InformationOnly>0</InformationOnly></FeeDetail><FeeDetail><Feeld>344333</Feeld><FeeTitleId>29</FeeTitleId><FeeName>Miscellaneous State Fees</FeeName><FeeType>Registration</FeeType><FeeTaxRate>0.00000</FeeTaxRate><Amount>32.00</Amount><SourceType>State</SourceType><FormulaOriginal>32.000</FormulaOriginal><FormulaTornDown>32.000</FormulaTornDown><FormulaMerged>32.000</FormulaMerged><FormulaTextual>32.000</FormulaTextual><FeeDescription>&lt;i>Public Safety Fee</i></FeeDescription><InformationOnly>0</InformationOnly></FeeDetail><FeeDetail><Feeld>339475</Feeld><FeeTitleId>6</FeeTitleId><FeeName>ATC Service Fee</FeeName><FeeType>Registration</FeeType><FeeTaxRate>0.00000</FeeTaxRate><Amount>85.00</Amount><SourceType>State</SourceType><FormulaOriginal>85</FormulaOriginal><FormulaTornDown>85</FormulaTornDown><FormulaMerged>85</FormulaMerged><FormulaTextual>85</FormulaTextual><FeeDescription /><InformationOnly>0</InformationOnly></FeeDetail><FeeDetail><Feeld>339525</
```

```

Feeld><FeeTitleId>35</FeeTitleId><FeeName>Mailing Expense</FeeName><FeeType>Registration</Fee-
Type><FeeTaxRate>0.00000</FeeTaxRate><Amount>49.00</Amount><SourceType>State</SourceType><-
FormulaOriginal>49</FormulaOriginal><FormulaTornDown>49</FormulaTornDown><FormulaMerged>49</
FormulaMerged><FormulaTextual>49</FormulaTextual><FeeDescription /><InformationOnly>0</Infor-
mationOnly></FeeDetail><FeeDetail><Feeld>335710</Feeld><FeeTitleId>46</FeeTitleId><FeeName>Registra-
tion Fee</FeeName><FeeType>Registration</FeeType><FeeTaxRate>0.00000</FeeTaxRate><Amount>8.25</
Amount><SourceType>State</SourceType><FormulaOriginal>8.25</FormulaOriginal><FormulaTorn-
Down>8.25</FormulaTornDown><FormulaMerged>8.25</FormulaMerged><FormulaTextual>8.25</Formu-
laTextual><FeeDescription /><InformationOnly>0</InformationOnly></FeeDetail><FeeDetail><Feeld>335714</
Feeld><FeeTitleId>58</FeeTitleId><FeeName>Title Fee</FeeName><FeeType>Registration</FeeType><-
FeeTaxRate>0.00000</FeeTaxRate><Amount>4.00</Amount><SourceType>State</SourceType><Formula-
Original>4.00</FormulaOriginal><FormulaTornDown>4.00</FormulaTornDown><FormulaMerged>4.00</
FormulaMerged><FormulaTextual>4.00</FormulaTextual><FeeDescription /><InformationOnly>0</Infor-
mationOnly></FeeDetail><FeeDetail><Feeld>335715</Feeld><FeeTitleId>71</FeeTitleId><FeeName>Air Qual-
ity Fee</FeeName><FeeType>Registration</FeeType><FeeTaxRate>0.00000</FeeTaxRate><Amount>1.50</
Amount><SourceType>State</SourceType><FormulaOriginal>1.50</FormulaOriginal><FormulaTorn-
Down>1.50</FormulaTornDown><FormulaMerged>1.50</FormulaMerged><FormulaTextual>1.50</Formu-
laTextual><FeeDescription>&lt;i>Air Quality Fee</i></FeeDescription><InformationOnly>0</InformationOn-
ly></FeeDetail></FeeDetails></FeeServiceResponse>

```

RESPONSE WITH 4.0 FILTERS

REQUEST

POST: <https://svc.autotitling.com/AGFService/v1.0/>

Content-Type: application/xml

Host: svc.autotitling.com

Content-Length: 1722

userToken: <USER TOKEN>

```

<?xml version="1.0"?><ServiceRequest xmlns="urn:atc-feequote" type="FeeQuote" requestFrom="ATC" re-
questFor="" verbosityLevel="4" quoteType="A"><IsProcessing>1</IsProcessing><State>Alabama</
State><County>Autauga</County><City>Autaugaville</City><OutsideCityLimits>0</OutsideCityLim-
its><InState>true</InState><Vehicle><VIN>WBAPK7C55BA816141</VIN><BasePrice> 19491.00</Base-
Price><CustomerType>D</CustomerType><FuelType>G</FuelType><Cylinders>12</Cylinders><Fi-
nance><DownPayment>0</DownPayment><MonthlyPayment>0</MonthlyPayment><MonthsInTerm>0</
MonthsInTerm><CapCostReduction>0</CapCostReduction></Finance><GVW>5500</GVW><GVWR>0</
GVWR><Length>200</Length><MPG>205</MPG><RegistrationMonths>12</RegistrationMonths><CC>4</
CC><HP>10</HP><LienStatus>0</LienStatus><Year>2018</Year><MSRP>19491.00</MSRP><Plate><IsTrans-
fer>1</IsTransfer><PlateType>R</PlateType></Plate><RegistrationOption>B</RegistrationOption><Days-
SincePurchase>1287</DaysSincePurchase><TitleStatus>MSO</TitleStatus><TransactionType>B</Trans-
actionType><VehicleType>PV</VehicleType><Warranties><Warranty name="Warranties">0</Warranty></
Warranties><Weight>5000</Weight><Rebates><Dealer>4.00</Dealer><Manufacturer>0.00</Manufac-
turer></Rebates><Additions><Addition name="Add on">0</Addition></Additions><DeliveryFees><De-
liveryFee name="DeliveryFees">0.00 </DeliveryFee></DeliveryFees><Discounts><Discount name="-
Discount">0.00 </Discount></Discounts><DocFees><DocFee name="Doc Fees">0.00</DocFee></
DocFees><DealerServiceFees/><ExtendedWarranties><ExtendedWarranty name="ExtendedWarranties">0</
ExtendedWarranty></ExtendedWarranties><InsurancePackages/><ProtectionPackages/><Taxes/><Theft-
Protections/></Vehicle><Seller><Override>0</Override><Name>Test User</Name><Address1>#21 Lane</
Address1><Address2/><State>Alabama</State><County>Baldwin</County><City>Bay Minette</City><Zip-
Code>36507</ZipCode></Seller></ServiceRequest>

```

RESPONSE

cache-control →private
content-length →3785
content-type →application/xml; charset=utf-8
date →Thu, 07 Feb 2019 07:08:13 GMT
server →Microsoft-IIS/10.0
x-aspnet-version →4.0.30319
x-powered-by →ASP.NET

```
<FeeServiceResponse xmlns="urn:atc-feequote" quoteType="A" verbosityLevel="4"><Sta-
tus>0</Status><Notes><Note><NoteText>AD VALOREM TAX MAY BE DUE. Range is $100.00-
$2500.00. DMV will NOT quote. Fee could be due upon registration. Dependent upon driv-
er's residence, mill levy rate, vehicle value, last name and county rules. Custom-
er needs to be prepared to pay this fee when they go to DMV.</NoteText><SourceType>State</
SourceType><DisplayForATC>0</DisplayForATC></Note><Note><NoteText>&lt;li&gt;AL is a walk in state; driv-
er MUST go to the DMV to pick up plates/registration</NoteText><SourceType>State</
SourceType><DisplayForATC>1</DisplayForATC></Note><Note><NoteText>&lt;li&gt;AD VA-
LOREM TAX WILL BE DUE. Range is $100.00-$2500.00. DMV will NOT quote. Fee could be due upon reg-
istration. Dependent upon driver's residence, mill levy rate, vehicle value, last name and county rules. Driv-
er needs to be prepared to pay this fee when they go to DMV.
&lt;li&gt;&lt;b&gt;Penalties are due 30 days after the purchase date. Driver may also pay these in per-
son.&lt;/b&gt;</NoteText><SourceType>State</SourceType><DisplayForATC>1</DisplayForATC></Note></
Notes><FeeTotal>18.00</FeeTotal><TotalSalesTax /><FeeDetails><FeeDetail><Feeld>340899</Feeld><-
FeeTitleId>58</FeeTitleId><FeeName>Title Fee</FeeName><FeeType>Registration</FeeType><Fee-
TaxRate>0.00000</FeeTaxRate><Amount>18.00</Amount><SourceType>State</SourceType><Formu-
laOriginal>18</FormulaOriginal><FormulaTornDown>18</FormulaTornDown><FormulaMerged>18</
FormulaMerged><FormulaTextual>18</FormulaTextual><FeeDescription /><InformationOnly>0</Informa-
tionOnly></FeeDetail></FeeDetails></FeeServiceResponse>
```

JSONP

REQUEST

GET

https://svc.autotitling.com/FeeService/v4.0/?callback=mycb&request=%3CServiceRequest+xm-
Ins%3D%22urn%3Aatc-feequote%22+type%3D%22FeeQuote%22+verbosityLevel%3D%224%22+request-
From%3D%22ATC%22+quoteType%3D%22A%22%3E%3CState%3EColorado%3C%2FState%3E%3CCount-
y%3EArapahoe%3C%2FCounty%3E%3CCity%3ECentennial%3C%2FCity%3E%3COutsideCityLimits%3-
E0%3C%2FOutsideCityLimits%3E%3CInState%3Efalse%3C%2FInState%3E%3CVehicle%3E%3CVIN%3E111
11111%3C%2FVIN%3E%3CBasePrice%3E400%3C%2FBasePrice%3E%3CCustomerType%3ED%3C%2FCus-
tomerType%3E%3CFuelType%3EH%3C%2FFuelType%3E%3CCylinders%3E8%3C%2FCylinders%3E%3C-
Finance%3E%3CDownPayment%3E2000%3C%2FDownPayment%3E%3C%2FFinance%3E%3C-
GVW%3E2000%3C%2FGVW%3E%3CGVWR%3E1800%3C%2FGVWR%3E%3CHP%3E330%3C%2F-
HP%3E%3CLienStatus%3E0%3C%2FLienStatus%3E%3CYear%3E2010%3C%2FYear%3E%3CMS-
RP%3E16000%3C%2FMSPRP%3E%3CPlate%3E%3CIsTransfer%3E0%3C%2FIsTransfer%3E%3CPlate-
Type%3ER%3C%2FPlateType%3E%3C%2FPlate%3E%3CTaxesPaidToAnotherState%3E0%3C%2FTax-
esPaidToAnotherState%3E%3CDaysSincePurchase%3E367%3C%2FDaysSincePurchase%3E%3CTi-
tleStatus%3ET%3C%2FTitleStatus%3E%3CTradeIns%3E%3CTradeIn%3E%3CAmount%3E2000%3C%2-
FAmount%3E%3C%2FTradeIn%3E%3C%2FTradeIns%3E%3CTransactionType%3EP%3C%2FTrans-
actionType%3E%3CVehicleType%3EPV%3C%2FVehicleType%3E%3CWarranties%3E%3CWarran-
ty+name%3D%22My+Warranty%22%3E250%3C%2FWarranty%3E%3CWarranty+name%3D%22Anoth-
er+Warranty%22%3E150%3C%2FWarranty%3E%3C%2FWarranties%3E%3CWeight%3E2000%3C%2F-
Weight%3E%3CRebates%3E%3CDealer%3E0%3C%2FDealer%3E%3CManufacturer%3E0%3C%2FManufactur-
er%3E%3C%2FRebates%3E%3CAdditions+%2F%3E%3CDeliveryFees+%2F%3E%3CDiscounts+%2F%3E%3C-
DocFees+%2F%3E%3CExtendedWarranties+%2F%3E%3CInsurancePackages+%2F%3E%3CProtection-

Packages+%2F%3E%3CTaxes+%2F%3E%3CTheftProtections+%2F%3E%3C%2FVehicle%3E%3CSeller%3E%3COverride%3E1%3C%2FOverride%3E%3CName%3ETestuser%3C%2FName%3E%3CAddress1%3EMoody%3C%2FAddress1%3E%3CAddress2%3ESaint+Clair%3C%2FAddress2%3E%3CState%3EAlabama%3C%2FState%3E%3CCounty%3ESaint+Clair%3C%2FCounty%3E%3CCity%3EMoody%3C%2FCity%3E%3CZipCode%3E35004%3C%2FZipCode%3E%3C%2FSeller%3E%3C%2FServiceRequest%3E

HTTP/1.1

Host: svc.autotitling.com

userToken: <USER TOKEN>

RESPONSE

HTTP/1.1 200 OK

cache-control →private

content-length →8334

content-type →application/javascript; charset=utf-8

date →Thu, 19 Jul 2018 06:47:50 GMT

server →Microsoft-IIS/10.0

x-aspnet-version →4.0.30319

x-powered-by →ASP.NET

```
mycb("&#x000cFeeServiceResponse xmlns=&#x0000urn:atc-feequote&#x0000" quoteType=&#x0000A&#x0000" verbosityLevel=&#x00004&#x0000"
&#x000e&#x000cStatus&#x000e0&#x000c/Status&#x000e&#x000cMessages&#x000e&#x000cMessage&#x000e&#x000cMes-
sageType&#x000eWarning&#x000c/MessageType&#x000e&#x000cMessageText&#x000eFee &#x0000State Tax&#x0000" calcula-
tion is less
than zero; Fee set to zero. (-24.00)&#x000c/MessageText&#x000e&#x000c/Message&#x000e&#x000cMes-
sage&#x000e&#x000cMessageType&#x000eWarning&#x000c/MessageType&#x000e&#x000cMessageText&#x000eFee
&#x0000County Tax&#x0000" calculation is less than zero; Fee set to zero. (-12.00)&#x000c/MessageText&#x000e&#x000c/
Message&#x000e&#x000cMessage&#x000e&#x000cMessageType&#x000eWarning&#x000c/MessageType&#x000e&#x000c
MessageText&#x000eFee &#x0000City Tax&#x0000" calculation is less than zero; Fee set to zero. (-12.00)&#x000c/
MessageText&#x000e&#x000c/Message&#x000e&#x000c/Messages&#x000e&#x000cNotes&#x000e&#x000cNote&#x000e&#x000c
NoteText&#x000eAD VALOREM TAX MAY BE DUE. Range is $100.00-$2500.00. DMV will NOT quote. Fee could be
due upon registration. Dependent upon driver&#x00027s residence, mill levy rate, vehicle value, last name and county
rules. Customer needs to be prepared to pay this fee when they go to DMV.&#x000c/Note-
Text&#x000e&#x000cSourceType&#x000eState&#x000c/SourceType&#x000e&#x000cDisplayForATC&#x000e0&#x000c/
DisplayForATC&#x000e&#x000c/Note&#x000e&#x000cNote&#x000e&#x000cNoteText&#x000e&#x00026lt;li&#x00026gt;AL is a walk in state;
driver MUST go to the DMV to pick up plates/registration&#x000c/NoteText&#x000e&#x000cSource-
Type&#x000eState&#x000c/SourceType&#x000e&#x000cDisplayForATC&#x000e1&#x000c/DisplayForATC&#x000e&#x000c/
Note&#x000e&#x000cNote&#x000e&#x000cNoteText&#x000e&#x00026lt;li&#x00026gt;AD VALOREM TAX WILL BE DUE. Range is
$100.00-$2500.00. DMV will NOT quote. Fee could be due upon registration. Dependent upon driver&#x00027s residence,
mill levy rate, vehicle value, last name and county rules. Driver needs to be pre-
pared to pay this fee when they go to
DMV.&#x00026lt;li&#x00026gt;B&#x00026gt;Penalties are due 30 days after the purchase date. Driver may also pay
these in person.&#x00026lt;b&#x00026gt;&#x000c/NoteText\
&#x000e&#x000cSourceType&#x000eState&#x000c/SourceType&#x000e&#x000cDisplayForATC&#x000e1&#x000c/Display-
ForATC&#x000e&#x000c/Note&#x000e&#x000c/Notes&#x000e&#x000cFeeTotal&#x000e77.00&#x000c/FeeTotal&#x000e\
&#x000cTotalSalesTax&#x000e&#x000cRate&#x000e4.00000&#x000c/Rate&#x000e&#x000cAmount&#x000e25.00000\
&#x000c/Amount&#x000e&#x000c/TotalSalesTax&#x000e&#x000cFeeDetails&#x000e&#x000cFeeDetail&#x000e&#x000c-
FeelId&#x000e317811&#x000c/FeelId&#x000e&#x000cFeeTitleId&#x000e56&#x000c/FeeTitleId&#x000e&#x000cFeeName&#x000eState
Tax&#x000c/FeeName&#x000e&#x000cFeeType&#x000eSales&#x000c/FeeType&#x000e&#x000cFeeTaxRate\
&#x000e2.00000&#x000c/FeeTaxRate&#x000e&#x000cAmount&#x000e0.00&#x000c/Amount&#x000e&#x000cSourceType\
&#x000eState&#x000c/SourceType&#x000e&#x000cFormulaOriginal&#x000e(#~0.02:*#47:)- #11:&#x000c/FormulaOrig-
inal&#x000e&#x000cFormulaTornDown&#x000e(0.02 * ((#1: + #68: + #26:)- #12:)) - #11:&#x000c/FormulaTornDown\
&#x000e&#x000cFormulaMerged&#x000e(0.02 * ((400 + 400.00 + 0.0) - 2000)) - 0&#x000c/FormulaMerged&#x000e\
&#x000cFormulaTextual&#x000e(0.02 * ((Base Price + Dealer Service Fee + Doc Fees) - Trade In Amount)) - Taxes Paid to
Another State&#x000c/FormulaTextual&#x000e&#x000cFormulaFields&#x000eBase Price|Dealer Service
```

Fee\Doc Fees\Trade In Amount\Taxes Paid to Another State\003c/FormulaFields\003e\003cFeeDescrip-
 tion\003e\0026lt;i\0026gt;Doc fees are taxable\003c/FeeDescription\003e\003c/FeeDetail\003e\003cFeeDetail\003e\003cFeeId\003e326278\003c/Feeld\003e\003cFeeTitleId\003e14\003c/
 FeeTitleId\003e\003cFeeName\003eCounty Tax\003c/FeeName\003e\003cFeeType\003eSales\003c/
 FeeType\003e\003cFeeTaxRate\003e1.00000\003c/FeeTaxRate\003e\003cAmount\003e0.00\003c/
 Amount\003e\003cSourceType\003eCounty\003c/SourceType\003e\003cFormulaOriginal\003e#~0.01: *
 #47:\003c/FormulaOriginal\003e\003cFormulaTornDown\003e0.01 * ((#1: + #68: + #26:)
 - #12:)\003c/FormulaTornDown\003e\003cFormulaMerged\003e0.01 * ((400 + 400.00 + 0.0) - 2000)\003c/
 FormulaMerged\003e\003cFormulaTextual\003e0.01 * ((Base Price + Dealer Service Fee + Doc Fees) - Trade
 In Amount)\003c/FormulaTextual\003e\003cFormulaFields\003eBase Price\Dealer Ser- vice Fee\Doc Fees\Trade In
 Amount\003c/FormulaFields\003e\003cFeeDescription \003e\003c/
 FeeDetail\003e\003cFeeDetail\003e\003cFeeId\003e330554\003c/Feeld\003e\003cFeeTitleId\003e10\003c/
 FeeTitleId\003e\003cFeeName\003eCity Tax\003c/FeeName\003e\003cFeeType\003eSales\003c/
 FeeType\003e\003cFeeTaxRate\003e1.00000\003c/FeeTaxRate\003e\003cAmount\003e0.00\003c/
 Amount\003e\003cSourceType\003eCity\003c/SourceType\003e\003cFormulaOriginal\003e#~0.01: *
 #47:\003c/FormulaOriginal\003e\003cFormulaTornDown\003e0.01 * ((#1: + #68:
 + #26:)
 - #12:)\003c/FormulaTornDown\003e\003cFormulaMerged\003e0.01 * ((400 + 400.00 + 0.0)
 - 2000)\003c/FormulaMerged\003e\003cFormulaTextual\003e0.01 * ((Base Price + Dealer Service Fee + Doc Fees) -
 Trade In Amount)\003c/FormulaTextual\003e\003cFormulaFields\003eBase Price\Dealer Service Fee\Doc
 Fees\Trade In Amount\003c/FormulaFields\003e\003cFeeDescription \003e\003c/
 FeeDetail\003e\003cFeeDetail\003e\003cFeeId\003e330633\003c/Feeld\003e\003cFeeTitleId\003e69\003c/
 FeeTitleId\003e\003cFeeName\003eAd Valorem Tax\003c/FeeName\003e\003cFee-
 Type\003eRegistration\003c/FeeType\003e\003cFeeTaxRate\003e0.00000\003c/FeeTaxRate\003e\003c/
 Amount\003e1.00\003c/Amount\003e\003cSourceType\003eState\003c/SourceType\003e\003c/
 FormulaOriginal\003e1.000\003c/FormulaOriginal\003e\003cFormulaTornDown\003e1.000\003c/
 FormulaTornDown\003e\003cFormulaMerged\003e1.000\003c/FormulaMerged\003e\003c-
 FormulaTextual\003e1.000\003c/FormulaTextual\003e\003cFeeDescription\003e\0026lt;i\0026gt;Range is
 \$100.00-\$2500.00. \0026lt;B\0026gt;DMV will NOT quote\0026lt;B\0026gt;. Fee could be due upon registration.
 Dependant upon driver\0027s residence, mill levy rate, vehicle value, last name and county rules.
 \r\n\0026lt;i\0026gt;\0026lt;b\0026gt;CUSTOMER MUST PAY THIS FEE WHEN THEY GO TO THE DMV TO PICK UP
 PLATES\0026lt;b\0026gt;\r\n\0026lt;i\0026gt;Additional city tax may be due based on the customer\0027s
 address; additional tax (if applicable) must also be paid when customer goes to the DMV to pick up
 plates\003c/FeeDescription\003e\003c/FeeDetail\003e\003c-
 FeeDetail\003e\003cFeeId\003e317837\003c/Feeld\003e\003cFeeTitleId\003e58\003c/FeeTitleId\003e\003c/
 FeeName\003eTitle Fee\003c/FeeName\003e\003cFeeType\003eRegistration\003c/
 FeeType\003e\003cFeeTaxRate\003e0.00000\003c/FeeTaxRate\003e\003cAmount\003e18.00\003c/
 Amount\003e\003cSourceType\003eState\003c/SourceType\003e\003cFormulaOriginal\003e18\003c/
 FormulaOriginal\003e\003cFormulaTornDown\003e18\003c/FormulaTornDown\003e\003c/
 FormulaMerged\003e18\003c/FormulaMerged\003e\003cFormulaTextual\003e18\003c/
 FormulaTextual\003e\003cFeeDescription \003e\003c/FeeDetail\003e\003cFeeDetail\003e\003c-
 Feeld\003e319303\003c/Feeld\003e\003cFeeTitleId\003e46\003c/FeeTitleId\003e\003cFeeName\003e\003c/
 Registration Fee\003c/FeeName\003e\003cFeeType\003eRegistration\003c/FeeType\003e\003c/
 FeeTaxRate\003e0.00000\003c/FeeTaxRate\003e\003cAmount\003e33.00\003c/Amount\003e\003c/
 SourceType\003eState\003c/SourceType\003e\003cFormulaOriginal\003e33\003c/FormulaOriginal\003e\003c/
 FormulaTornDown\003e33\003c/FormulaTornDown\003e\003cFormulaMerged\003e33\003c/FormulaMerged\003e\003c/
 FormulaTextual\003e33\003c/FormulaTextual\003e\003cFeeDescription \003e\003c/FeeDetail\003e\003c/FeeDetails\003e\003c/
 Penalties\003e\003cPenalty\003e\003cPenaltyId\003e319243\003c/PenaltyId\003e\003cFeeTitleId\003e36\003c/
 FeeTitleId\003e\003cAmount\003e25.00\003c/Amount\003e\003cSourceType\003eState\003c/
 SourceType\003e\003cFormulaOriginal\003e25\003c/FormulaOriginal\003e\003cFormula-
 TornDown\003e25\003c/FormulaTornDown\003e\003cFormulaMerged\003e25\003c/FormulaM-
 erged\003e\003cFormulaTextual\003e25\003c/FormulaTextual\003e\003cFeeDescription\003e\0026lt;i\0026gt;If
 registered 30 days after purchase date\003c/FeeDescription\003e\003c/Penalty\003e\003c/
 Penalties\003e\003c/FeeServiceResponse\003e");

5 – DATA POINTS

DATA POINT	DATA TYPE	EXPECTED VALUE(S)	SERVICE REQUIRED
Type	String	Always use a value of "FeeQuote"	Yes
Quote Type	String	A – include all fees and taxes S – only include sales taxes R – only include registration fees	Yes
Verbosity Level	Integer	0 – only total 1 – fee breakdown 2 – fee breakdown and details 3 – fee breakdown and replacement See Verbosity section for more information	Yes
Granularity	Integer	0 – No rollups included, only details (sub-fees) are furnished. 1 – Rollups with details (sub-fees) included 2 – Rollups without details (sub-fees) included See Granularity section for more information	Yes
State	String	Name of state or 2 letter abbreviation	Yes
County	String	Name of county	Yes
City	String	Name of city	Yes
Outside City Limits	Boolean	1 – Registering outside of city limits (ignores city fees and taxes) 0 – Registering inside of city limits	No
Customer Type	String	D – Dealer F – Financial C – Consumer	Yes
Title Status	String	MSO – Manufacturers Statement of Origin T – Title	Yes
Vehicle Type	String	PV – Passenger Vehicle LT – Pick-up Truck M – Motorcycle T – Travel Trailer O – Motor Home CC – Cab & Chassis SUV – Sports Utility Vehicle	Yes
Transaction Type	String	P – Purchase L – Lease R – Refinance B – Lease Buyout	Yes
FuelType	String	G – Gas E – Electric DI – Diesel H – Hybrid	No ¹

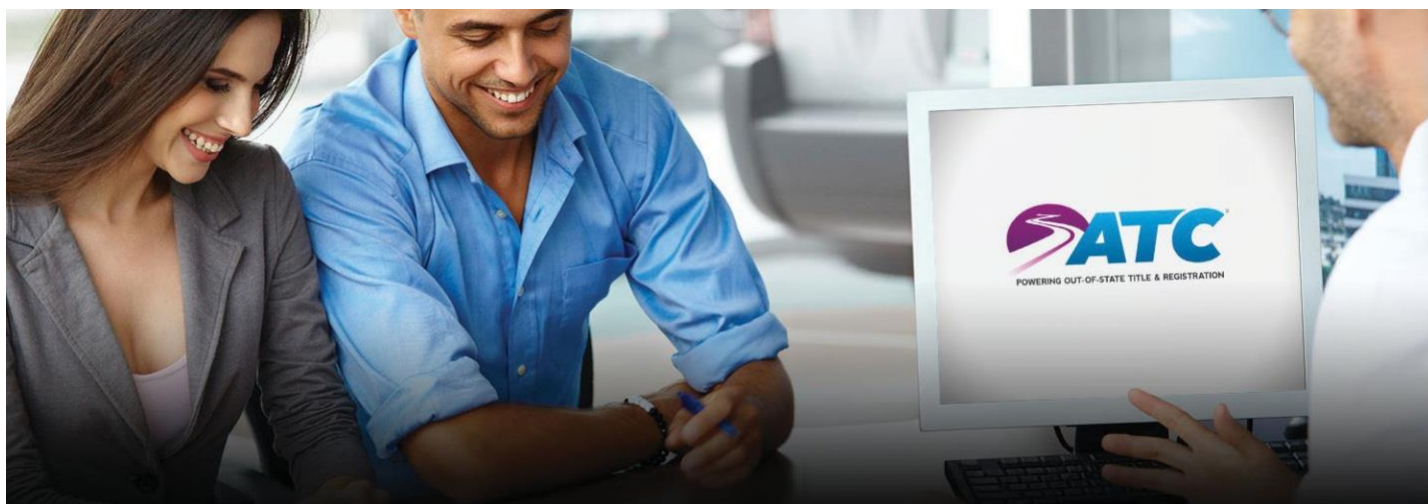
DATA POINT	DATA TYPE	EXPECTED VALUE(S)	SERVICE REQUIRED
Lien Status	Boolean	1 – Has a lien 0 – Does <i>not</i> have a lien	Yes
Base Price	Decimal	Base price of the vehicle	Yes
Cylinders	Integer	Number of cylinders	No
GVW	Integer	Gross Vehicle Weight	Yes ¹ (except for PV, Motorcycle & SUV vehicles)
GVWR	Integer	Gross Vehicle Weight Rating	No ¹
Weight	Integer	Vehicle Weight	Yes
HP	Integer	Horsepower	No ¹
Year	Integer	Manufacturing year of the vehicle	No
Is Plate Transfer	Boolean	1 – Is a plate transfer 0 – Is not a plate transfer	Yes
Plate Type	String	R – Regular C – Commercial	Yes
Down Payment	Decimal	Amount of down payment	No
Monthly Payment	Decimal	LEASE ONLY. Amount of monthly payment	No
Months in Term	Integer	LEASE ONLY. Number of months in the lease	No
Cap Cost	Decimal	Capitalized Cost (Refers to Gross Capitalized Cost)	No
Residual Value	Decimal	LEASE ONLY. Value of the vehicle after the lease	No
MSRP	Decimal	Manufacturer's Suggested Retail Price	No ¹
Trade In Amount	Decimal	Value of trade in	No
Taxes Paid to Another State	Decimal	Amount of taxes paid to another state during the transaction	No
Days Since Purchase	Integer	Number of days since the purchase	No
Registration Options	String	M – Military B – Business	No
MPG	Integer	Miles Per Gallon	No
Length	Integer	Length of Vehicle	No
CC	Integer	Motorcycle CC	No

DATA POINT	DATA TYPE	EXPECTED VALUE(S)	SERVICE REQUIRED
RegistrationMonths	Integer	Registration in Months	No
Dealer Rebate	Decimal	Amount of dealer rebate	No
Manufacturer Rebate	Decimal	Amount of manufacturer rebate	No
"Taxable"	Decimal	See "Taxable" Names section	No
Referral	Boolean	1 – Is a Referral 0 – Is not a Referral	No (Optional Filter)
Promotion	Boolean	1 – Is a Promotion 0 – Is not a Promotion	No (Optional Filter)
Lease Taxes Paid Upfront	Boolean	1 – Is Lease Taxes Paid Upfront 0 – Is not Lease Taxes Paid Upfront	No (Optional Filter)
InState	Boolean	1 – In-State fees are retrieved 0 – Out-Of-State fees are retrieved (Default value is '0' when no value is provided in request)	No
Override Seller	Boolean	1 – Seller address is considered for fee retrieving 0 – Seller address is not considered for fee retrieving	Yes (If Seller tag is added)
Seller Name	String	Name of the Seller	No
Seller Address1	String	Address1 of the Seller	No
Seller Address2	String	Address2 of the Seller	No
Seller State	String	Name of seller state or 2 letter abbreviation	Yes (if Override Seller is 1)
Seller County	String	Name of seller county	Yes (if Override Seller is 1)
Seller City	String	Name of seller city	Yes (if Override Seller is 1)
Seller Zipcode	String	Zipcode of seller	Yes (if Override Seller is 1)

¹ MSRP is required in certain jurisdictions as noted in the table below. GVW Requirements listed in the table below. GVWR Requirements listed in the table below. Fuel Type requirements listed in the table below.

MSRP REQUIREMENTS

MSRP is Required in:		
State	Fee Applied To	If nothing entered, returns:
AZ	VLT	0
CO	Registration Fee	0
IA	Registration Fee	Lowest Amount
KY	State Tax	0
LA	Plates	0
ME	Town Excise Tax	0
MI	Registration Fee	Lowest Amount
MN	Registration Tax	0
MT	State Flat Tax, County Tax	Lowest Amount/ \$0
NH	City Tax	0
NJ	Surcharge Tax	0
NV	Governmental/Supplemental Governmental Services Tax	0
WA	RTA Excise Tax	0
WY	Registration Fee	0



GVW REQUIREMENTS

GVW is Required in:	
State	Fee Applied To/ Vehicle Type
AK	MVRT: all vehicle types
AL	Registration: LT CC DV O
AR	Registration: LT CC DV O
AZ	Weight Fee: LT CC DV O T
CA	Weight Fee: LT CC DV O
CT	Title: T, Registration: PV SUV
DC	Registration: T
FL	Registration: CC LT
GA	Weight Fee: all except PV SUV
ID	Registration: LT CC DV
IL	Registration: LT CC DV T
IN	Registration: LT CC DV
KY	Registration: PV SUV LT CC DV
MA	Title: T, Registration: PV SUV LT CC DV
MD	Registration: LT CC DV T
ME	Registration: LT CC DV
MO	Registration: LT CC DV
NC	Registration: LT CC DV
ND	Registration: O
NE	Registration: LT CC DV, Wheel Tax: all vehicle types
NH	Registration: T
NJ	Registration: CC PV LT SUV
NM	Plates Trucks: T CC LT O
NY	Registration: all except M T
OH	Registration: LT CC DV
OK	Registration: LT CC DV O T, Alternate Fuel Fee: all vehicle types, Electric Vehicle: all vehicle types
OR	Registration: CC DV
PA	Registration: LT CC DV O T
SC	Registration: LT CC DV
SD	Registration: PV SUV LT CC DV
TX	Registration: LT CC DV O T
UT	Registration: LT CC DV T
VT	Registration: LT CC DV T, Electric Vehicles: LT CC DV
WA	Weight Fee: LT CC DV
WI	Registration: LT CC DV O
WV	Registration: LT CC DV
WY	State Fee: all vehicle types

GVWR REQUIREMENTS

<u>GVWR is Required in:</u>	
State	Fee Applied To/ Vehicle Type
CT	Registration: LT CC DV
KS	Registration: all except M
LA	Registration: LT CC DV
NJ	Registration: LT CC DV
TN	Registration: all except T M

LENGTH DETAILS

<u>Length is Required in:</u>	
State	Fee Applied To/ Vehicle Type
FL	Registration: T
MT	Registration: T
OR	Registration: T, O

CC DETAILS

<u>CC is Required in:</u>	
State	Fee Applied To/ Vehicle Type
AR	Registration: M
SD	Registration: M

MPG DETAILS

MPG is Required in:	
State	Fee Applied To/ Vehicle Type
DC	District Sales Tax: all vehicle types
OR	Registration: PV SUV LT, Title: all except T

FUEL TYPE REQUIREMENTS

<u>Fuel Type is Required in:</u>	
*Applies to all vehicle types	
State	Fee Name
AZ	VLT
AR	Electric Vehicle, Alternative Fuel Fee
CO	Alternative Fuel Fee
CT	Electric Vehicle
DC	Alternative Fuel Fee
GA	Alternative Fuel Fee
HI	Electric Vehicle
IA	Electric Vehicle, Alternative Fuel Fee
ID	Electric Vehicle, Alternative Fuel Fee
IL	Electric Vehicle
IN	Electric Vehicle, Alternative Fuel Fee
KS	Electric Vehicle, Alternative Fuel Fee
MI	Electric Vehicle, Alternative Fuel Fee
MN	Surcharge Tax
MS	Electric Vehicle, Alternative Fuel Fee
MO	Electric Vehicle, Alternative Fuel Fee
NC	Alternative Fuel Fee
ND	Electric Vehicle, Alternative Fuel Fee
NE	Alternative Fuel Fee
NJ	State Tax

OH	Electric Vehicle, Alternative Fuel Fee
OK	Electric Vehicle, Alternative Fuel Fee
OR	Alternative Fuel Fee
SC	Alternative Fuel Fee
TN	Alternative Fuel Fee
UT	Electric Vehicle, Alternative Fuel Fee
VA	Alternative Fuel Fee
WA	Electric Vehicle, Alternative Fuel Fee
WI	Alternative Fuel Fee
WV	Electric Vehicle, Alternative Fuel Fee
WY	Alternative Fuel Fee

MODEL YEAR DETAILS

Model Year is Required In:	
State	Fee Applied To/ Vehicle Type
AZ	VLT: all vehicle types
DE	Registration: PV SUV LT CC DV
HI	State Tax: all vehicle types
MI	Registration: PV SUV LT CC DV O
MT	Registration: PV SUV LT CC DV
NV	Governmental/ Supplemental Governmental Services Tax: all vehicle types
OK	Registration
WY	MVD Admin fee: all vehicle types , Registration: PV SUV LT CC DV

REGISTRATION MONTHS DETAILS

Registration Months Required in:	
State	Fee Applied To/ Vehicle Type
DE	Registration: PV SUV LT CC DV
DC	DC Parking Permit: all except O, Registration: all except M T
MI	Registration: all except for M T
NJ	Registration: PV SUV LT CC DV
OH	Registration: LT CC DV
TX	Registration: PV SUV LT CC DV O

6 VERBOSITY

As described in the Verbosity section, each request can specify the level of detail in the response. Here are the possible values and what each one represents:

0 – ONLY TOTAL

The fee service will only provide the sum total of all fees retrieved. There will be no specific information about individual fees.

1 – FEE BREAKDOWN

The fee service returns both name and totals for each individual fee. Alongside the sum total of all fees, sales tax rates and totals are also included. No other information about fees is provided.

2 – FEE BREAKDOWN & DETAILS

The service not only gives the name of each tax and fee, but gives the textual formula used to calculate each fee.

3 – FEE BREAKDOWN & REPLACEMENT

Along with the name, total, and textual versions of each fee formula, the service also provides the formula with the data points replaced, elucidating the mathematical formulae used to calculate the total.

7 GRANULARITY

As described in the Granularity section, each request can specify the level of fee breakdown detail in the response. Here are the possible values and what each one represents:

0 – ONLY STANDALONE AND SUB FEES

The fee service will only return the standalone and sub fees. There shall be no rollup information in the response.

1 – STANDALONE, ROLLUPS AND SUB FEES

The fee service returns standalone fees, rollup totals along with the contributing sub fees for each rollup total.

2 – STANDALONE AND ROLLUPS

The fee service shall return the standalone fees, and rollup totals. The contributing sub-fee amounts are not shown. However, the names of the sub fees are shown in the rollup total description

8 “TAXABLE” NAMES

As mentioned in the [Data Points](#) section, some data points can take multiple values under the same heading (“Warranties”, “Doc Fees”, etc.). Each of these items requires a name to associate with the value. The name is important because sometimes the values are pulled out for specific purposes, so the values must be correct. It is advisable the CA uses one of these names instead of creating its own:

ADDITIONS DELIVERY FEES DISCOUNTS DOC FEES

EXTENDED WARRANTIES INSURANCE PACKAGES PROTECTION PACKAGES TAX

THEFT PROTECTION WARRANTIES

9 SCHEMA DEFINITIONS

Request & Response schema definitions (XSD) will be furnished upon request.

10 ZIPCODES INFORMATION

REQUEST

GET

<https://svc.autotitling.com/AGFService/v1.0/?Method=zipcodeinfo&ZipCode=24073>

RESPONSE

```
<?xml version="1.0" encoding="utf8"> <ZipCodeResponsexmlns:xsd="
http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchemainstance">
<ZipCodeData><ZipCode>24073</ZipCode><State>Virginia</State><County>MONTGOMERY</County>
<City>CAMBRIA</City></ZipCodeData><ZipCodeData><ZipCode>24073</ZipCode><State>Virginia</State>
<County>MONTGOMERY</County><City>CHRISTIANSBURG</City></ZipCodeData><ZipCodeData>
<ZipCode>24073</ZipCode><State>Virginia</State><County>MONTGOMERY</County>
<City>CHRISTNSBRG</City></ZipCodeData><ZipCodeData><ZipCode>24073</ZipCode>
<State>Virginia</State><County>MONTGOMERY</County><City>PRICESFORK</City></ZipCodeData>
</ZipCodeResponse>
```

REQUEST

GET

<https://svc.autotitling.com/AGFService/v1.0/?Method=zipcodeinfo&ZipCode=24073&City=CAMBRIA>

RESPONSE

```
<?xml version="1.0" encoding="utf-8"?><ZipCodeResponse xmlns:xsd="http://www.w3.org/2001/
XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchemainstance"><ZipCodeData>
<ZipCode>24073</ZipCode><State>Virginia</State><County>MONTGOMERY</County>
<City>CAMBRIA</City></ ZipCodeData></ZipCodeResponse>
```

11 INSTATE INFORMATION

REQUEST

GET

<https://svc.autotitling.com/AGFService/v1.0/?Method=isinstate&zipcode1=35034&zipcode2=35210>

RESPONSE

```
<?xml version="1.0" encoding="utf-8"?>
<boolean>true</boolean>
```

