

# getModels

Superseded Specifications	
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Solution Review	<a href="#">Lewis, Robert</a> , <a href="#">Plunkett, Shane</a>
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## Version History

Version	Date	Status	Description	Updated By
0.1	30 Nov 2020	DRAFT	Initial proposal	Changes performed by <a href="#">Garrett, Michael</a>



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## Summary

The purpose of the getModels request is to allow the BMS to retrieve a list of vehicle models for a specified manufacturer and type of vehicle.

## Applicable Quoting Methods

Quoting Method	AudaNet Quoting Method	AudaBridge Quoting Method
		

## getModels

### Request Parameters

Field Name	Field Type	Comments
*userId	String	User ID used to log into the AudaNet platform
*password	String	User ID's password to log into the platform
*generator	String	AXN
version	String	

*typeOfVehicle	enumeration	Possible values <ul style="list-style-type: none"> <li>• Motor</li> <li>• Bike</li> <li>• Heavy</li> <li>• Other</li> <li>• Farm Machinery</li> </ul>
*manufacturerCode	enumeration	Must use a valid manufacturer code as returned in the getManufacturer response

\*Denotes mandatory field

### Example Request

```
<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.axnbusiness.b2b.audatex.com">
  <soapenv:Header />
  <soapenv:Body>
    <ws:getModels>
      <ws:credential>
        <ws:userId>userId</ws:userId>
        <ws:password>password</ws:password>
      </ws:credential>
      <ws:versions>
        <ws:generator>AXN</ws:generator>
      </ws:versions>
      <ws:typeOfVehicle>Motor</ws:typeOfVehicle>
      <ws:manufacturerCode>HOLD</ws:manufacturerCode>
    </ws:getModels>
  </soapenv:Body>
</soapenv:Envelope>
```

### Example Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001
/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <ws:getModelsResponse xmlns:ws="http://ws.axnbusiness.b2b.audatex.com">
      <ws:serviceResponse>
        <ws:Code>Service.OK</ws:Code>
        <ws:Severity>0</ws:Severity>
        <ws:Message>Operation completed successfully</ws:Message>
      </ws:serviceResponse>
      <ws:modelsList>
        <model>
          <ws:modelDescription>Acadia</ws:modelDescription>
          <ws:modelCode>ACADIA</ws:modelCode>
        </model>
        <model>
          <ws:modelDescription>Adventra</ws:modelDescription>
          <ws:modelCode>ADVENTR</ws:modelCode>
        </model>
        <model>
          <modelDescription>Apollo</modelDescription>
          <modelCode>APOLLO</modelCode>
        </model>
        <!--cont.-->
        <ws:model>
          <modelDescription>Astra</modelDescription>
          <modelCode>ASTRA</modelCode>
        </ws:model>
      </ws:modelsList>
    </soapenv:Body>
  </soapenv:Envelope>
```