

getVehicleInfo

Superseded Specifications	
Document status	DRAFT
Document owner	Garrett, Michael
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Version History

Version	Date	Status	Description	Updated By
0.1	30 Nov 2020	DRAFT	Initial proposal	Changes performed by Garrett, Michael
0.2	03 May 2021	DRAFT	Adding severity info	Rondon, Magali

Content



- [Content](#)
- [Summary](#)
 - [Applicable Quoting Methods](#)
 - [Change History](#)
- [getVehicleInfo](#)
 - [Request Parameters](#)
 - [Example Request](#)
 - [Example Response](#)
 - [Damaged Areas and Severity Enumerations](#)
 - [Error Message](#)

Summary

The getVehicleInfo function is used to download the vehicle information into the BMS system. Vehicle information can be retrieved using either claim number/display name or quote request number/quote request version number. The parameters are listed in the table below.


The message is also intended to send information regarding the damage the vehicle suffer in each differents areas.

Applicable Quoting Methods

Quoting Method	AudaNet Quoting Method	AudaBridge Quoting Method
		

Change History

Date	Author	JIRA	Description
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03 Dec 2020	Garrett, Michael	ANET-17303	<p>The following fields have been added to the getVehicleInfo response</p> <ul style="list-style-type: none"> • typeOfVehicle - enum <ul style="list-style-type: none"> • Motor • Bike • Caravan / Trailer • Heavy Truck • Prime Mover • Heavy Bus • Heavy Trailer • Farm Machinery • Other • vehiclesDifferent - string • buildDate - date • paintCode - string • repairerMarketValue - number • incidentType - enum <ul style="list-style-type: none"> • Impact • Hail • Malicious • Fire • Water • primaryImpactDirection - string • secondaryImpactDirection - string • registrationState - enum <ul style="list-style-type: none"> • VIC • NSW • QLD • SA • WA • NT • ACT • TAS • damagedPanels <ul style="list-style-type: none"> • damagedArea <ul style="list-style-type: none"> • area - enum • severity - enum <ul style="list-style-type: none"> • See enum list below. <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;">  Not all tasks in the AudaNet platform have the additional fields specified. As a result, any fields which are not specified within that respective task will not be returned in the getVehicleInfo response. </div>
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getVehicleInfo

Request Parameters

Field Name	Field Type	Comments
*userId	String	
*password	String	
claimNumber	String	If used, delete quoteRequestNumber and quoteRequestVersionNumber fields
displayName	String	If used, delete quoteRequestNumber and quoteRequestVersionNumber fields
quoteRequestNumber	String	If used, delete claimNumber and displayName fields
quoteRequestVersionNumber	String	If used, delete claimNumber and displayName fields
*generator	String	
version	String	

Example Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.axnbusiness.b2b.audatex.com">
  <soapenv:Header/>
  <soapenv:Body>
    <ws:getVehicleInfoRequest>
      <ws:credential>
        <ws:userId>userid</ws:userId>
        <ws:password>password</ws:password>
      </ws:credential>
      <ws:versions>
        <ws:generator>AXN</ws:generator>
        <!--Optional:-->

      </ws:versions>
      <!--You have a CHOICE of the next 2 items at this level-->

      <ws:claimNumber>testClaim1910-01</ws:claimNumber>
      <ws:displayName>ALZ013942</ws:displayName>

    </ws:getVehicleInfoRequest>
  </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:getVehicleInfoResponse 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:vehicle>
        <ws:registration>INS rego</ws:registration>
        <ws:typeOfVehicle>Motor</ws:typeOfVehicle>
        <ws:make>BMW [01]</ws:make>
        <ws:model>114d-M135i Hatchback 3 Door Type F21N From 03/2015 to 06/2019 [1F]</ws:model>
        <ws:submodel>118d</ws:submodel>
        <ws:vehicleIsDifferent>Yes</ws:vehicleIsDifferent>
        <ws:buildDate>01/2016</ws:buildDate>
        <ws:paintCode>D06</ws:paintCode>
        <ws:manufacturerCode>01</ws:manufacturerCode>
        <ws:modelCode>1F</ws:modelCode>
        <ws:submodelCode>22</ws:submodelCode>
        <ws:vin>JN1WNYD21U0000001</ws:vin>
        <ws:color>WHITE</ws:color>
        <ws:odometer>777</ws:odometer>
        <ws:repairerMarketValue>777</ws:repairerMarketValue>
        <ws:registrationState>VIC</ws:registrationState>
        <ws:severityInfo>
          <ws:incidentType>Impact</ws:incidentType>
          <ws:primaryDirection>1-3</ws:primaryDirection>
          <ws:secondaryDirection>4-6</ws:secondaryDirection>
          <ws:damagedPanels>
            <ws:damagedArea>
              <ws:area>6 - Passanger Side</ws:area>
              <ws:severity>LS</ws:severity>
            </ws:damagedArea>
            <ws:damagedArea>
              <ws:area>1 - Passenger Front</ws:area>
              <ws:severity>HP</ws:severity>
            </ws:damagedArea>
          </ws:damagedPanels>
        </ws:severityInfo>
      </ws:vehicle>
    </ws:getVehicleInfoResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

Damaged Areas and Severity Enumerations

Impact	Description
LP	Light panel damage (repair panel)
HP	Heavy panel damage (replace panel)
LS	Light structural damage (repair structural part)
HS	Heavy structural damage (replace structural part)
UR	Unrepairable
MI	Minor engine damage
MJ	Major engine damage
Fire	Description
MS	Minor smoke (Smoke and/or soot damage to interior)
SH	Smoke and heat (minor engine fire or minor interior fire or exterior exposed to external heat source)

BO	Burnt (more than one third of the vehicle completely burnt or burnt to the extent that repairs are not economic)
Malicious Damage	Description
1S	Minor stripping (wheels, radio, damaged door locks)
1V	Minor vandalism (wheels, radio, damaged door locks)
2S	Major stripping (interior parts, external panels)
2V	Major vandalism (interior parts, external panels)
Hail	Description
LP	Light panel damage (repairable, traditional or paintless)
HP	Heavy panel damage (replace panel)
Water	Description
FF	Full fresh immersion (short term)
FS	Full salt immersion (short term)

Vehicle Type	Incident Type	Area Code	Area Code Description	Applicable Severity Codes				
Motor	Impact	1	Passenger Front	LP	HP	LS	HS	-
		2	Driver Front	LP	HP	LS	HS	-
		3	Driver Side	LP	HP	LS	HS	-
		4	Driver Rear	LP	HP	LS	HS	-
		5	Passenger Rear	LP	HP	LS	HS	-
		6	Passenger Side	LP	HP	LS	HS	-
		7	Engine / Driveline	MI	MJ	-	-	-
		8	Roof	LS	HS	-	-	-
		9	Interior Damage	MI	MJ	-	-	-
	Hail	1	Passenger Front	LP	HP	LS	-	-
		2	Driver Front	LP	HP	LS	-	-
		3	Driver Side	LP	HP	LS	-	-
		4	Driver Rear	LP	HP	LS	-	-
		5	Passenger Rear	LP	HP	LS	-	-
		6	Passenger Side	LP	HP	LS	-	-
		7	Engine / Driveline	-	-	-	-	-
		8	Roof	LS	-	-	-	-
		9	Interior Damage	MI	MJ	-	-	-
	Malicious	1	Passenger Front	LP	1S	2S	1V	2V
		2	Driver Front	LP	1S	2S	1V	2V
		3	Driver Side	LP	1S	2S	1V	2V
		4	Driver Rear	LP	1S	2S	1V	2V
		5	Passenger Rear	LP	1S	2S	1V	2V
		6	Passenger Side	LP	1S	2S	1V	2V
		7	Engine / Driveline	MI	MJ	1S	2S	-
		8	Roof	LP	1S	2S	1V	2V
		9	Interior Damage	1S	2S	1V	2V	-
	Fire	1	Passenger Front	MS	SH	BO	-	-
		2	Driver Front	MS	SH	BO	-	-
		3	Driver Side	MS	SH	BO	-	-

		4	Driver Rear	MS	SH	BO	-	-
		5	Passenger Rear	MS	SH	BO	-	-
		6	Passenger Side	MS	SH	BO	-	-
		7	Engine / Driveline	MS	SH	BO	-	-
		8	Roof	MS	SH	BO	-	-
		9	Interior Damage	MS	SH	BO	-	-
	Water							
		1	Passenger Front	FF	FS	-	-	-
		2	Driver Front	FF	FS	-	-	-
		3	Driver Side	FF	FS	-	-	-
		4	Driver Rear	FF	FS	-	-	-
		5	Passenger Rear	FF	FS	-	-	-
		6	Passenger Side	FF	FS	-	-	-
		7	Engine / Driveline	FF	FS	-	-	-
		8	Roof	FF	FS	-	-	-
		9	Interior Damage	FF	FS	-	-	-
Bike	Incident Type							
	Impact							
		10	Front	LP	HP	LS	HS	-
		12	Left Side	LP	HP	LS	HS	-
		13	Right Side	LP	HP	LS	HS	-
	Hail							
		10	Front	LP	HP	-	-	-
		12	Left Side	LP	HP	-	-	-
		13	Right Side	LP	HP	-	-	-
	Malicious							
		10	Front	1S	2S	1V	2V	-
		12	Left Side	1S	2S	1V	2V	-
		13	Right Side	1S	2S	1V	2V	-
	Fire							
		10	Front	MS	SH	BO	-	-
		12	Left Side	MS	SH	BO	-	-
		13	Right Side	MS	SH	BO	-	-
	Water							
		10	Front	FF	FS	-	-	-
		12	Left Side	FF	FS	-	-	-
		13	Right Side	FF	FS	-	-	-
Trailer / Caravan	Incident Type							
	Impact							
		10	Front	LP	HP	LS	HS	-
		11	Rear	LP	HP	LS	HS	-
	Hail							
		10	Front	LP	HP	-	-	-
		11	Rear	LP	HP	-	-	-
	Malicious							
		10	Front	1S	2S	1V	2V	-
		11	Rear	1S	2S	1V	2V	-
	Fire							
		10	Front	MS	SH	BO	-	-
		11	Rear	MS	SH	BO	-	-
	Water							
		10	Front	FF	FS	-	-	-
		11	Rear	FF	FS	-	-	-

Heavy Truck / Prime Mover / Heavy Bus / Heavy Trailer	Incident Type							
	Impact							
		1	Passenger Front	LP	HP	LS	HS	-
		2	Driver Front	LP	HP	LS	HS	-
		3	Driver Side	LP	HP	LS	HS	-
		4	Driver Rear	LP	HP	LS	HS	-
		5	Passenger Rear	LP	HP	LS	HS	-
		6	Passenger Side	LP	HP	LS	HS	-
** remove Area 7 for Heavy Trailer		7	Engine / Driveline	MI	MJ	-	-	-
		8	Roof	LS	HS	-	-	-
		9	Interior Damage	MI	MJ	-	-	-
	Hail							
		1	Passenger Front	LP	HP	LS	-	-
		2	Driver Front	LP	HP	LS	-	-
		3	Driver Side	LP	HP	LS	-	-
		4	Driver Rear	LP	HP	LS	-	-
		5	Passenger Rear	LP	HP	LS	-	-
		6	Passenger Side	LP	HP	LS	-	-
** remove Area 7 for Heavy Trailer		7	Engine / Driveline	-	-	-	-	-
		8	Roof	LS	-	-	-	-
		9	Interior Damage	MI	MJ	-	-	-
	Malicious							
		1	Passenger Front	LP	1S	2S	1V	2V
		2	Driver Front	LP	1S	2S	1V	2V
		3	Driver Side	LP	1S	2S	1V	2V
		4	Driver Rear	LP	1S	2S	1V	2V
		5	Passenger Rear	LP	1S	2S	1V	2V
		6	Passenger Side	LP	1S	2S	1V	2V
** remove Area 7 for Heavy Trailer		7	Engine / Driveline	MI	MJ	1S	2S	-
		8	Roof	LP	1S	2S	1V	2V
		9	Interior Damage	1S	2S	1V	2V	-
	Fire							
		1	Passenger Front	MS	SH	BO	-	-
		2	Driver Front	MS	SH	BO	-	-
		3	Driver Side	MS	SH	BO	-	-
		4	Driver Rear	MS	SH	BO	-	-
		5	Passenger Rear	MS	SH	BO	-	-
		6	Passenger Side	MS	SH	BO	-	-
** remove Area 7 for Heavy Trailer		7	Engine / Driveline	MS	SH	BO	-	-
		8	Roof	MS	SH	BO	-	-
		9	Interior Damage	MS	SH	BO	-	-
	Water							
		1	Passenger Front	FF	FS	-	-	-
		2	Driver Front	FF	FS	-	-	-
		3	Driver Side	FF	FS	-	-	-
		4	Driver Rear	FF	FS	-	-	-
		5	Passenger Rear	FF	FS	-	-	-
		6	Passenger Side	FF	FS	-	-	-
** remove Area 7 for Heavy Trailer		7	Engine / Driveline	FF	FS	-	-	-
		8	Roof	FF	FS	-	-	-
		9	Interior Damage	FF	FS	-	-	-
Motor	Incident Type	Additional Area Codes	Additional Area Code Description	Applicable Severity Code				
	Impact							
		14	Whole Vehicle	-	-	-	-	-

		15	Floor pan (passenger front)	LS	HS	-	-	-
		16	Firewall	LS	HS	-	-	-
		17	Chassis/structural rails (passenger)	LS	HS	-	-	-
		18	Floor pan (driver rear)	LS	HS	-	-	-
		19	Floor pan (driver front)	LS	HS	-	-	-
		20	Floor pan (passenger rear)	LS	HS	-	-	-
		21	Chassis/structural rails (driver)	LS	HS	-	-	-
		22	A pillar passenger	LS	HS	-	-	-
		23	A pillar driver	LS	HS	-	-	-
		24	B pillar passenger	LS	HS	-	-	-
		25	B pillar driver	LS	HS	-	-	-
		26	C pillar passenger	LS	HS	-	-	-
		27	C pillar driver	LS	HS	-	-	-
		28	D pillar passenger	LS	HS	-	-	-
		29	D pillar driver	LS	HS	-	-	-
		30	Engine block (cracked, fractured)	MI	MJ	-	-	-
		31	Transmission case	MI	MJ	-	-	-
		32	Differential case	MI	MJ	-	-	-
		33	Axle housing	MI	MJ	-	-	-
		34	Suspension (passenger front)	MI	MJ	-	-	-
		35	Suspension (driver front)	MI	MJ	-	-	-
		36	Suspension (passenger rear)	MI	MJ	-	-	-
		37	Suspension (driver rear)	MI	MJ	-	-	-
		38	Airbag front	UR	-	-	-	-
		39	Airbag side	UR	-	-	-	-
		40	Airbag curtain	UR	-	-	-	-
		41	Seat belt pre-tensioner	UR	-	-	-	-
Heavy Truck / Prime Mover / Heavy Bus / Heavy Trailer	Incident Type	Additional Area Codes	Additional Area Code Description	Applicable Severity Code-				
	Impact							
		15	Floor pan (passenger front)	LS	HS	-	-	-
		16	Firewall	LS	HS	-	-	-
		17	Chassis/structural rails (passenger)	LS	HS	-	-	-
		18	Floor pan (driver rear)	LS	HS	-	-	-
		19	Floor pan (driver front)	LS	HS	-	-	-
		20	Floor pan (passenger rear)	LS	HS	-	-	-
		21	Chassis/structural rails (driver)	LS	HS	-	-	-
		22	A pillar passenger	LS	HS	-	-	-
		23	A pillar driver	LS	HS	-	-	-
		24	B pillar passenger	LS	HS	-	-	-
		25	B pillar driver	LS	HS	-	-	-
		26	C pillar passenger	LS	HS	-	-	-
		27	C pillar driver	LS	HS	-	-	-
		28	D pillar passenger	LS	HS	-	-	-
		29	D pillar drive	LS	HS	-	-	-
		30	Engine block (cracked, fractured)	MI	MJ	-	-	-
		31	Transmission case	MI	MJ	-	-	-
		32	Differential case	MI	MJ	-	-	-
		33	Axle housing	MI	MJ	-	-	-
		34	Suspension (passenger front)	MI	MJ	-	-	-
		35	Suspension (driver front)	MI	MJ	-	-	-
		36	Suspension (passenger rear)	MI	MJ	-	-	-
		37	Suspension (driver rear)	MI	MJ	-	-	-
		38	Airbag front	UR	-	-	-	-
		39	Airbag side	UR	-	-	-	-

		40	Airbag curtain	UR	-	-	-	-
		41	Seat belt pre-tensioner	UR	-	-	-	-
		42	Battery pack	UR	-	-	-	-
		43	Tow Point (eg fifth wheel, turntable, king pin, drawer bar, hook, eyelet)	MI	MJ	-	-	-
		44	Aux Equipment (eg crane, concrete pump or mixer, tank, pump, garbage compactor)	MI	MJ	-	-	-
		45	Hydraulic or other Lifting Equipment (eg the ram on a tipping trailer)	MI	MJ	-	-	-
		46	Roll-over Protective Structure	UR	-	-	-	-
	Fire							
		15	Floor pan (passenger front)	MS	SH	BO	-	-
		16	Firewall	MS	SH	BO	-	-
		17	Chassis/structural rails (passenger)	MS	SH	BO	-	-
		18	Floor pan (driver rear)	MS	SH	BO	-	-
		19	Floor pan (driver front)	MS	SH	BO	-	-
		20	Floor pan (passenger rear)	MS	SH	BO	-	-
		21	Chassis/structural rails (driver)	MS	SH	BO	-	-
		22	A pillar passenger	MS	SH	BO	-	-
		23	A pillar driver	MS	SH	BO	-	-
		24	B pillar passenger	MS	SH	BO	-	-
		25	B pillar driver	MS	SH	BO	-	-
		26	C pillar passenger	MS	SH	BO	-	-
		27	C pillar driver	MS	SH	BO	-	-
		28	D pillar passenger	MS	SH	BO	-	-
		29	D pillar drive	MS	SH	BO	-	-
		30	Engine block (cracked, fractured)	MI	MJ	-	-	-
		31	Transmission case	MI	MJ	-	-	-
		32	Differential case	MI	MJ	-	-	-
		33	Axle housing	MI	MJ	-	-	-
		34	Suspension (passenger front)	MI	MJ	-	-	-
		35	Suspension (driver front)	MI	MJ	-	-	-
		36	Suspension (passenger rear)	MI	MJ	-	-	-
		37	Suspension (driver rear)	MI	MJ	-	-	-
		38	Airbag front	UR	-	-	-	-
		39	Airbag side	UR	-	-	-	-
		40	Airbag curtain	UR	-	-	-	-
		41	Seat belt pre-tensioner	UR	-	-	-	-
		42	Battery pack	UR	-	-	-	-
		43	Tow Point (eg fifth wheel, turntable, king pin, drawer bar, hook, eyelet)	MI	MJ	-	-	-
		44	Aux Equipment (eg crane, concrete pump or mixer, tank, pump, garbage compactor)	MI	MJ	-	-	-
		45	Hydraulic or other Lifting Equipment (eg the ram on a tipping trailer)	MI	MJ	-	-	-
		46	Roll-over Protective Structure	UR	-	-	-	-

Error Message

When an invalid request message is received, an appropriate error message will return to the BMS system.

OK("Service.OK", "Operation completed successfully")

GENERIC_ERROR("Generic.Error", "An unknown error occurred")

AUTHENTICATION_FAILED("Authentication.Failed", "Authentication failed, please provide the correct username/password")

TASK_NOT_FOUND_QREQ("Task.Not.Found", "No task was found with the quote request number and version specified")

TASK_NOT_FOUND_CLAIM("Task.Not.Found.Claim", "No task was found with the claim number and display name specified")