

# submitParts

Superseded Specifications	
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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 submit parts function allows for updates and the creation of parts within the AudaNet or AudaBridge claim.

Parts in the AudaNet platform itself can be broken down into, two primary part types:

### AudaNet Parts

AudaNet parts will only be present if the quoting method is AudaNet. AudaNet parts are items that have been added to the quote through the Damage Capture component. Because of this, what can be done by the BMS to an AudaNet part is limited. (Note: an AudaNet part can be identified in the downloadQuote function as being contained in the <audaNetParts> block of the response.

### AudaNet Parts Update Limitations

Only the following data points can be updated within an AudaNet part:

1. Part Type (Part Type options are available later in this document)
2. Part Number
3. Part Unit Price
4. Part Amount
5. Part Supplier

**(NOTE: New AudaNet parts cannot be added via the BMS integration and need to be added by the User in AudaNet itself)**

**(NOTE: AudaNet parts are never present in an AudaBridge quote, all parts are to be downloaded/submitted as nonAudaNetParts)**

## NonAudaNet Parts

NonAudaNet Parts are items that have been added manually within AudaNet or items that have been submitted directly by the BMS system to AudaNet via submitParts. Non AudaNet parts allows the BMS to submit as many additional part items as required. A non-audanet part can be identified in the downloadQuote function as being contained in the <nonAudanetParts> block of the response.

### Non-AudaNet Parts Updates

Because Non-AudaNet parts can be added via the BMS integration, more components of the part can be submitted/updated by the BMS:

1. Part Type
2. Part Number
3. Part Description
4. Unit Price
5. Part Amount
6. Part Supplier

### Applicable Quoting Methods

Quoting Method	AudaNet Quoting Method	AudaBridge Quoting Method
	✓	✓

## submitParts

**Note: all submissions of parts MUST contain all parts associated with that quote.**

### submitParts Supported Part Types

submitParts code	Name
NEW	OEM Part
ALTN	Alternative Part
AFT	Aftermarket
EXCH	Exchange
RECY	Recycled
CAFT	Certified Aftermarket
AFTA	Aftermarket Accessories
PAR	Parallel

### 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
*claimNumber	String	
*displayName		
*generator	String	AXN
version	String	

audaNetParts	List	Contains any number of parts. Can update existing AXN part but cannot add new AXN part. Existing parts cannot be removed. Parts are described in more detail below
nonAudaNetParts	List	Contains any number of parts. Can both update existing and create new non-AXN part. Existing parts cannot be removed. Parts are described in more detail below
unlockQuote	Boolean	Deprecated

\*Denotes mandatory field

## Request Parameters - audaNetParts

Field Name	Field Type	Comments
quoteLineNumber	Short	The quoteLineNumber for an AudaNet part will always be provided by the downloadQuote response. This quoteLineNumber <b>MUST</b> be used for all updates to an AudaNet part
partType	String	Must be a value from the part types table above
partNumber	String	Maximum 15 characters
partDescription	String	Cannot be overwritten for an AudaNet part. Must be submitted as per downloadQuote
partQuantity	Short	Must always be 1. Quantities are not currently supported via the BMS integration
partUnitPrice	Double	Must be a positive number
partAmount	Double	Must be a positive number. Maximum 13 digits
partMarkUpPercentage	Double	Redundant field. Has no effect
partMarkUpAmount	Double	Redundant flag. Has no effect
partSupplier	String	Maximum 30 characters

## Request Parameters - nonaudaNet Parts

Field Name	Field Type	Comments
quoteLineNumber	Short	There are two scenarios for the quoteLineNumber for nonaudaNet Parts: <ul style="list-style-type: none"> <li>1. Adding a new part <ul style="list-style-type: none"> <li>a. When adding a new part, the quote line number <b>MUST</b> be blank in the initial request. The submitParts response will automatically allocate that part a quote line number, which must be used in all future requests or the part will be duplicated.</li> </ul> </li> <li>2. Updating an existing part <ul style="list-style-type: none"> <li>a. When updating an existing part, the quoteLineNumber provided in the previous response or downloadQuote <b>MUST</b> be used or parts will be duplicated.</li> </ul> </li> </ul>
partType	String	Must be a value from the part types table above
partNumber	String	Maximum 15 characters
partDescription	String	Maximum 15 characters
partQuantity	Short	Must always be 1. Quantities are not currently supported via the BMS integration
partUnitPrice	Double	Must be a positive number
partAmount	Double	Must be a positive number. Maximum 13 digits
partMarkUpPercentage	Double	Redundant field. Has no effect

partMarkUpAmount	Double	Redundant flag. Has no effect
partSupplier	String	Maximum 30 characters

## Deleting a NonAudaNet Part

The submitParts function requires that all parts associated with a given quote be submitted. However, if you wish to delete a nonAudaNet part that was previously submitted, send a submitParts request with that part removed. AudaNet will treat this as a part deletion and remove it from the quote.

## Example Request

### submitParts 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:submitPartsRequest>
      <ws:credential>
        <ws:userId>USERNAME</ws:userId>
        <ws:password>PASSWORD</ws:password>
      </ws:credential>
      <ws:claimNumber>1860105928</ws:claimNumber>
      <ws:displayName>ALZ013962</ws:displayName><ws:versions>
        <ws:versions>
          <ws:generator>?</ws:generator>
          <!--Optional:-->
          <ws:version>?</ws:version>
        </ws:versions>
        <!--Optional:-->
      <ws:audaNetParts>
        <ws:part>
          <ws:quoteLineNumber>1</ws:quoteLineNumber>
          <ws:partType>EXCH</ws:partType>
          <ws:partNumber>5RT90</ws:partNumber>
          <ws:partDescription>FRONT BUMPER</ws:partDescription>
          <ws:partQuantity>1</ws:partQuantity>
          <ws:partUnitPrice>400</ws:partUnitPrice>
          <ws:partAmount>400</ws:partAmount>
          <ws:partSupplier/>
        </ws:part>
      </ws:audaNetParts>
      <ws:nonAudaNetParts>
        <ws:part>
          <ws:quoteLineNumber></ws:quoteLineNumber>
          <ws:partType>EXCH</ws:partType>
          <ws:partNumber>Test A1</ws:partNumber>
          <ws:partDescription>*NSP Test A</ws:partDescription>
          <ws:partQuantity>1</ws:partQuantity>
          <ws:partUnitPrice>100.00</ws:partUnitPrice>
          <ws:partAmount>100.00</ws:partAmount>
          <ws:partSupplier/>
        </ws:part>
      </ws:nonAudaNetParts>
      <ws:unlockQuote>true</ws:unlockQuote>
    </ws:submitPartsRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

## Example Response

## submitParts 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:submitPartsResponse 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:audaNetParts>
        <ws:part>
          <ws:quoteLineNumber>1</ws:quoteLineNumber>
          <ws:partType>EXCH</ws:partType>
          <ws:partNumber>5RT90</ws:partNumber>
          <ws:partDescription>FRONT BUMPER</ws:partDescription>
          <ws:partQuantity>1</ws:partQuantity>
          <ws:partUnitPrice>400</ws:partUnitPrice>
          <ws:partAmount>400</ws:partAmount>
          <ws:partSupplier/>
        </ws:part>
      </ws:audaNetParts>
      <ws:nonAudaNetParts>
        <ws:part>
          <ws:quoteLineNumber>5</ws:quoteLineNumber>
          <ws:partType>EXCH</ws:partType>
          <ws:partNumber>Test A1</ws:partNumber>
          <ws:partDescription>NSP Test A</ws:partDescription>
          <ws:partQuantity>1</ws:partQuantity>
          <ws:partUnitPrice>100.00</ws:partUnitPrice>
          <ws:partAmount>100.00</ws:partAmount>
          <ws:partSupplier/>
        </ws:part>
      </ws:nonAudaNetParts>
    </ws:submitPartsResponse>
  </soapenv:Body>
</soapenv:Envelope>
```