

# Truckload Rate Quote API Guide

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# Considerations

## Truckload Rate Quote Flow

- First, the customer uses the '/rate-quotes/truckload' endpoint to create a rate quote.
- Second, the customer reviews the rate quote and decides to book the quote or not.
- Third, if the customer is not booking then they do nothing. If the customer is booking then they must use the '/rate-quotes/truckload/book' endpoint to book the rate quote.
- Fourth, an email is sent to the customer with terms and a link that allows the user to accept the quote and terms. If the customer is accepting the terms then they must click the 'Accept' link in the email.

## HTTP verbs

The Truckload Rate Quote APIs follow standard HTTP and REST conventions in its use of HTTP verbs. Only the **POST** is used for this service.

Verb	Usage
POST	Used to create rate quote and book the rate quote.

## API Key

Requests to create a Truckload Rate Quote require authentication using an API key as a URI query parameter. See example request below.

## Truckload Rate Quote 'Create' Syntax/Example

[https://api.averittexpress.com/rate-quotes/truckload?api\\_key=12345abc55d12345678d123d04a555c9](https://api.averittexpress.com/rate-quotes/truckload?api_key=12345abc55d12345678d123d04a555c9)

Syntax Element	Description
https://	The api requires the https protocol
api.averittexpress.com	This is the host for all of the Averitt Express rest based API's
/rate-quotes/truckload	This is the path to the Truckload Rate Quote Create API.
api_key=	This is a required parameter. The api_key is specific to the user and is used for authentication.

## Truckload Rate Quote 'Book' Syntax/Example

[https://api.averittexpress.com/rate-quotes/truckload/book?api\\_key=12345abc55d12345678d123d04a555c9](https://api.averittexpress.com/rate-quotes/truckload/book?api_key=12345abc55d12345678d123d04a555c9)

Syntax Element	Description
<code>https://</code>	The api requires the https protocol
<code>api.averittpress.com</code>	This is the host for all of the Averitt Express rest based API's.
<code>/rate-quotes/truckload/book</code>	This is the path to the Truckload Rate Quote Book API.
<code>api_key=</code>	This is a required parameter. The api_key is specific to the user and is used for authentication.

# Example Truckload Create and Book HTTP & CURL Requests

These are create examples:

```
POST /rate-quotes/truckload?api_key=0000000000 HTTP/1.1
Content-Type: application/json
Accept: application/json
Content-Length: 545
Host: api.averittexpress.com
```

```
{
  "accountNumber" : "0001165",
  "originCity" : "Cookeville",
  "originState" : "TN",
  "originZip" : "38501",
  "destinationCity" : "Chattanooga",
  "destinationState" : "TN",
  "destinationZip" : "37405",
  "pickupDate" : "20250623",
  "pickupTimeWindowStart" : "2200",
  "pickupTimeWindowEnd" : "2215",
  "deliveryDate" : "20250623",
  "deliveryTimeWindowStart" : "2300",
  "deliveryTimeWindowEnd" : "2315",
  "paymentType" : "P",
  "equipmentType" : "V",
  "pieces" : 10,
  "weight" : 40000,
  "commodityCode" : "AUTO"
}
```

```
$ curl 'https://api.averittexpress.com/rate-quotes/truckload?api_key=0000000000' -i -X
POST \
  -H 'Content-Type: application/json' \
  -H 'Accept: application/json' \
  -d '{
  "accountNumber" : "0001165",
  "originCity" : "Cookeville",
  "originState" : "TN",
  "originZip" : "38501",
  "destinationCity" : "Chattanooga",
  "destinationState" : "TN",
  "destinationZip" : "37405",
  "pickupDate" : "20250623",
  "pickupTimeWindowStart" : "2200",
  "pickupTimeWindowEnd" : "2215",
```

```
"deliveryDate" : "20250623",
"deliveryTimeWindowStart" : "2300",
"deliveryTimeWindowEnd" : "2315",
"paymentType" : "P",
"equipmentType" : "V",
"pieces" : 10,
"weight" : 40000,
"commodityCode" : "AUTO"
}'
```

These are book examples:

```
POST /rate-quotes/truckload/book?api_key=0000000000 HTTP/1.1
Content-Type: application/json
Accept: application/json
Content-Length: 38
Host: api.averittexpress.com
```

```
{
  "rateQuoteNumber" : "Q0004095"
}
```

```
$ curl 'https://api.averittexpress.com/rate-quotes/truckload/book?api_key=0000000000'
-i -X POST \
  -H 'Content-Type: application/json' \
  -H 'Accept: application/json' \
  -d '{
  "rateQuoteNumber" : "Q0004095"
}'
```

# Truckload 'Create' Field Details

## Truckload Rate Quote Create Request Body

```
{
  "accountNumber" : "0001165",
  "originCity" : "Cookeville",
  "originState" : "TN",
  "originZip" : "38501",
  "destinationCity" : "Chattanooga",
  "destinationState" : "TN",
  "destinationZip" : "37405",
  "pickupDate" : "20250623",
  "pickupTimeWindowStart" : "2200",
  "pickupTimeWindowEnd" : "2215",
  "deliveryDate" : "20250623",
  "deliveryTimeWindowStart" : "2300",
  "deliveryTimeWindowEnd" : "2315",
  "paymentType" : "P",
  "equipmentType" : "V",
  "pieces" : 10,
  "weight" : 40000,
  "commodityCode" : "AUTO"
}
```

## Truckload Rate Quote Create Response Body

The payload returned includes the rate quote number for the created rate quote and any additional comments OR an error message if the request was not successful.

```
{
  "quoteNumber" : "Q0004094",
  "methodOfShipment" : "Truckload",
  "netTotal" : 0.0,
  "hazmatFee" : 0.0,
  "expirationDate" : "2025-06-26",
  "message" : ""
}
```

## Truckload Rate Quote Create Request Fields

Path	Type/Required/Size	Description
accountNumber	String Required 7 Max/Min	A 7 digit Averitt account number. Note that your averitt.com username, that is associated with your api key, must have access to this account number.
originCity	String Required 30 Max	Origin city
originState	String Required 2 Max/Min	Origin state
originZip	String Required 6 Max	Origin zip code
destinationCity	String Required 30 Max	Destination city
destinationState	String Required 2 Max/Min	Destination state
destinationZip	String Required 6 Max	Destination zip code
pickupDate	String Required yyyyMMdd	Pickup Date (yyyyMMdd) Example: '20250224' is February 24th 2025
pickupTimeWindowStart	String Required HHmm	Pickup Time Window Start (HHmm) Example: '1130' is '11:30 AM'
pickupTimeWindowEnd	String Required HHmm	Pickup Time Window End (HHmm) Example: '1430' is '2:30 PM'

Path	Type/Required/Size	Description
deliveryDate	String Required yyyyMMdd	Delivery Date (yyyyMMdd) Example: '20250225' is February 25th 2025
deliveryTimeWindowStart	String Optional HHmm	Delivery Time Window Start (HHmm). If blank default to '0000'. Example: '1000' is '10:00 AM'
deliveryTimeWindowEnd	String Optional HHmm	Delivery Time Window End (HHmm). If blank default to '0000'. Example: '1515' is '3:15 PM'
paymentType	String Required 1 Max	Payment Type of P for Prepaid or C for Collect
equipmentType	String Required 1 Max/Min	Currently the only supported Equipment Type value, via this API, is 'V' for 'Van'. For other Equipment Types, please contact one of our associates to further assist you with this quote at 866-249-8496 or <a href="mailto:northamerica@averitt.com">northamerica@averitt.com</a>
pieces	Number Required 5 Max	The number of pieces in the load
weight	Number Required 5 Max	The total weight, in pounds, of the items to be shipped
commodityCode	String Required see valid values	Commodity Code that best describes the contents of the load. The valid values can be seen via <a href="https://tools.averitt.com/api/truckload/commodities">https://tools.averitt.com/api/truckload/commodities</a> or attempt an api rate quote with an invalid commodityCode and the valid values will be returned with the error message.

## Truckload Rate Quote Create Response Fields

Path	Type	Description
quoteNumber	String	The rate quote number
methodOfShipment	String	Indicates Truckload

<b>Path</b>	<b>Type</b>	<b>Description</b>
netTotal	Number	The quote total amount in dollars, including HAZMAT fee
hazmatFee	Number	The HAZMAT fee
expirationDate	String	The quote expiration date in ISO 8601 format (yyyy-MM-dd)
message	String	Additional messages about the quote. If there is an error then this will be the only field return.

# Truckload Rate Quote Create HTTP status codes

Status code	Meaning
201 Created	The rate quote has been created successfully.
422 Bad Request	The user input was missing or invalid.
429 Too Many Requests	The user submitted the same origin and destination within a 12 hour period.
500 Internal Server Error	There was an unexpected server error occurred processing the user's request.

# Truckload Rate Quote Create Errors

A **422 Unprocessable Entity** response will be returned when the request does not pass the data validations.

The following is an example of the returned error if the user neglected to provide the Destination City.

```
POST /rate-quotes/truckload?api_key=0000000000 HTTP/1.1
Content-Type: application/json
Accept: application/json
Content-Length: 534
Host: api.averittexpress.com
```

```
{
  "accountNumber" : "0001165",
  "originCity" : "Cookeville",
  "originState" : "TN",
  "originZip" : "38501",
  "destinationCity" : "",
  "destinationState" : "TN",
  "destinationZip" : "37405",
  "pickupDate" : "20250623",
  "pickupTimeWindowStart" : "2200",
  "pickupTimeWindowEnd" : "2215",
  "deliveryDate" : "20250623",
  "deliveryTimeWindowStart" : "2300",
  "deliveryTimeWindowEnd" : "2315",
  "paymentType" : "P",
  "equipmentType" : "V",
  "pieces" : 10,
  "weight" : 40000,
  "commodityCode" : "AUTO"
}
```

```
HTTP/1.1 422 Unprocessable Entity
Content-Type: application/json
Content-Length: 91
```

```
{
  "message" : "The Destination City field is blank and it must contain a valid City."
}
```

# Truckload 'Book' Field Details

## Truckload Rate Quote Book Request Body

This is a Truckload Rate Quote book example that shows all possible request input fields.

```
{  
  "rateQuoteNumber" : "Q0004095"  
}
```

## Truckload Rate Quote Book Request Fields

Path	Type/Required/Size	Description
rateQuoteNumber	Number Required 10 Max	The rate quote number provided in the Truckload Rate Quote 'create' API response

# Truckload Rate Quote Book Response Body

The payload will return a message if there is an error.

Example of a successful Truckload Rate Quote Book Response Body

```
{  
  "message" : ""  
}
```

## Truckload Rate Quote Book Response Fields

Path	Type	Description
message	String	This field will be blank if 'book' was a success otherwise it will contain an error message.

# Truckload Rate Quote Book HTTP status codes

Status code	Meaning
200 OK	The rate quote has been booked successfully.
422 Bad Request	The user input was missing or invalid.
500 Internal Server Error	There was an unexpected server error occurred processing the user's request.

# Truckload Rate Quote Book Errors

A **422 Unprocessable Entity** response will be returned when the Truckload Rate Quote Book request does not pass the data validations.

The following is an example of the returned error if the user neglected to provide the rate quote number.

```
POST /rate-quotes/truckload/book?api_key=0000000000 HTTP/1.1
Content-Type: application/json
Accept: application/json
Content-Length: 30
Host: api.averittexpress.com
```

```
{
  "rateQuoteNumber" : ""
}
```

```
HTTP/1.1 422 Unprocessable Entity
Content-Type: application/json
Content-Length: 122
```

```
{
  "message" : "The Rate Quote Number provided is blank. A Rate Quote Number is
required for the Truckload Book api."
}
```