Peninsula Truck Lines Pickup Request API Implementation Guide

v 3.1

Contents

Section 1 - General

The Peninsula Truck Lines Pickup Request Public API provides customers with the ability to request pickups via web services. A secure HTTPS call is made by the customer's application with a JSON payload and processed by the Public API, which then returns a JSON response. The API supports one method, **Post**.

Section 2 – Creating a Web Account

You must have a Peninsula Truck Lines web account to use the Public Pickup Request API. Below are the steps for creating a web account:

1. Go to the Peninsula Truck Lines website: http://peninsulatruck.com
2. Click the Sign In button on the upper right-hand corner, from the PTL Site Login pop up, click the "Don't have an account?" link.
3. You will be presented with the Account Registration form that, when submitted, is the first step in creating your web account.
4. You will receive an email with a subject line of "***Verify your email***" that comes from the PTL site backend no-reply@auth0user.net with a button you need to click to verify your email address (orange button labelled VERIFY YOUR ACCOUNT).
5. After clicking the VERIFY YOUR ACCOUNT button you will see a page indicating your email has been verified.
6. After verifying your email address, you will receive an email with a subject line of "***Peninsula Truck Lines User Account***" that comes from Peninsula Truck Lines Customer Service noreply@peninsulatruck.com indicating your account is pending approval.
7. Customer Service will approve the pending account within 24 hours. Once approved you will receive an email with the subject line of "***Peninsula Truck Lines Web Access***" from custserv@peninsulatruck.com.
8. At this point your web account is ready for use.

Section 3 – Managing API Keys

API keys are managed through the Peninsula Truck Lines website. If you do not currently have a web account, see Section 2 – Creating a Web Account for the steps to complete this prerequisite.

1. Log into the website.
2. Click the down arrow to the right of your login name in the upper right-hand corner and select "My API Keys".
3. Click the "New API Key" button.
4. In the "Create API Key" pop up, enter the user ID of the person you are creating the key for in the Target User ID field.
5. Choose the type of key you want to create (Production or Sandbox) in the API Environment drop down.
6. Click the "Create" button.
7. The newly created key will display in the My API Keys section showing the User ID, Environment, Created Date, and Expiration Date.
8. Click the "Reveal" button to see the API key.
9. API keys are valid for one year. A new key must be created after a prior key has expired.
10. To delete and API key, click the trash can icon on the far right and choose the "Delete API Key" button in the confirmation window pop up.

Section 4 – Accessing the Public API

The Pickup Request Public API is accessed at the URL **https://api.peninsulatruck.com/api/pickups/v3.1/**. The API requires the use of an assigned API key specific to each user. API keys created as instructed in Section 3 – Managing API Keys can be accessed through our website at https://www.peninsulatruck.com/_/#/api-keys.

Prior to making a call to a Public API, the user's API key must be validated as outlined in Section 8 – Validating the API Key. This validation will provide an authenticated Bearer Token, which is valid for 4 hours of use with the Public API. When the token expires, the API key must be validated again and a new Bearer Token issued to allow continued use.

Section 5 – Notes on JSON transmission

- The order that fields appear in the body of the JSON payload or response does not matter
- Fields and arrays listed as **required** must be present or the API call will return an error
- There are no nested arrays in this API - all arrays appear as part of the main body of the payload or response
- All arrays allow for multiple entries inside the array
- Each entry in the array will represent a single element of the array, with all associated fields for that element
- Each array may appear only one time in the payload
- Dates sent in the response will be in the YYYY-MM-DD format
- Time components are sent as a 12-hour clock with "am" or "pm" immediately following (with no space between the time and the am/pm designation)
- Phone numbers are sent as NNN-NNN-NNNN, without a leading 1 or 0
- String fields **are** case sensitive with restrictions as noted in the section for that field
- Generalized documentation on JSON standards can be found at https://www.json.org/
- A Bearer Token (received by validating your API key) is required in the header of all calls - if the Bearer Token value is not included, the API call will be rejected via error 401

Section 6 – API Volume Limits

A regular API key will currently allow up to 20 transactions a minute and are capped at 5,000 transactions per day. If a higher volume API key is required, please email IT support at itsupport@peninsulatruck.com.

Section 7 – Aggregator License Information

The Aggregator license functionality will be available in a future release

Aggregators need to contact IT support at itsupport@peninsulatruck.com to be issued an Aggregator token. This token must be included in the header of all API calls in a custom header field named **xaggregatorcode**. This token will track volume limits individually by customer, rather than collectively, for all traffic coming through the aggregator.

Section 8 – Validating the API Key

To receive a validated Bearer Token, allowing use of the Public API for up to 4 hours, a call must be made to the URL **https://api.peninsulatruck.com/api/auth/token**. The body of this call will be a JSON payload with 2 fields: **grantType** (which will have the value of "key") and **secret** (which will have the user's API key to validate).

Example payload:
```
{
    "grantType": "key",
    "secret": "cxOSwic2lkIjoiSFZBekN2OXQ1elhybUZoRWdzWTNUS1ZqZThs"
}
```

Example response:
```
{
    "status": "ok",
    "accessToken": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJodHRwczovL3B0bHByb2RhcGkuYXp1cmV3ZWJzaXRl
cy5uZXQiLCJzdWIiOiJzdGV2ZWgiLCJhdWQiOiJodHRwczovL3B0bHByb2RhcGkuYXp1cmV3ZWJzaXRlcy5uZXQiLCJpYXQiOjE2NzkwMDcxM
TksImV4cCI6MTY3OTAxMDcxOSwic2lkIjoiSFZBekN2OXQ1elhybUZoRWdzWTNUS1ZqZThsNkUzRV9YSG04TGhVSGNyMmtuNzFkNXI1LTJBMW
9fZTI5REREaSIsImh0dHBzOi8vcHRsL3VzZXXJJZCI6InN0ZXZlaCJ9.0_j8eBG09Ximp2DGwpBknftc-mwO6pRsBn0uChrWdos"
}
```

The value returned in the field **accessToken** is then sent as the **Bearer Token** in the header of all calls to the Public API for the next 4 hours.

Section 9 –Pickup Notes

1. Pickup requests that originate from a Peninsula Remote Point are not allowed via the API.
2. Pickup requests that originate outside Peninsula's direct service area are not allowed via API.
3. Some zip codes are only serviced on specific days of the week, which will affect available pickup and/or delivery dates when using that zip code.
4. The shipment must be ready at least 2 hours prior to the dock close time to be allowed via API.
5. API requests for same day pickup have the following requirements:
   - Must be submitted at least 2 hours prior to the dock close time
   - Must be submitted no later than 3:30pm Pacific Time
   - Some zip codes require submission earlier than 3:30pm Pacific Time

If you submit a pickup request that cannot be serviced for any of the above reasons, you will receive a response with status **406** and the **statusMsg** field will note the reason for the failure. You will be directed to contact the appropriate Peninsula department for assistance with your pickup request.

Section 10 –Accessorial Codes

Add accessorials to the pickup by setting the Boolean value to true for the given accessorial. Below are the 5 accessorials recognized by the Pickup Request API.   Contact the Rates & Billing department for assistance with pickups that require accessorials not listed (Saturday delivery, stop charges, etc).

Boolean	Description	Accessorial Code
isInsidePickup	Inside Pickup (*ground floor*)	IP1
isLGPickup	Liftgate Pickup	LP1
isLimitedPickup	Limited Access Pickup	PL1
isResiPickup	Residential Pickup	RP1
isHazmat	Hazardous Material	SPIHA

Accessorials set to true in the payload will return the code and description in the accessorial array in the response:

```
"accessorial": [
    {
        "item": "SP1HA",
        "desc": "HAZARDOUS MATERIAL"
    },
    {
        "item": "IP1",
        "desc": "INSIDE PICKUP"
    },
    {
        "item": "LP1",
        "desc": "LIFTGATE PICKUP"
    },
    {
        "item": "PL1",
        "desc": "LIMITED ACCESS PICKUP"
    },
    {
        "item": "RP1",
        "desc": "RESIDENTIAL PICKUP"
    }
],
```

Section 11 – API Function Post

Call

A **Post** call to the URL **https://api.peninsulatruck.com/api/pickup/v3.1/** with a valid **Bearer Token** will generate a pickup request. A JSON payload is required for this request.

Section	Field	Type	Required	Details	Example Data
Main Body	customerNumber	STRING	No	Customer number for the pickup	9989767
	dockCloseTime	STRING	Yes	The time the pickup location's dock closes	4:30pm
	isHazmat	BOOLEAN	No	Freight is Hazmat material	true/false
	isInsidePickup	BOOLEAN	No	Inside pickup required	true/false
	isLGPickup	BOOLEAN	No	Liftgate pickup required	true/false
	isOnPallets	BOOLEAN	No	Is the shipment on pallets	true/false
	isResiPickup	BOOLEAN	No	Residential pickup	true/false
	noteToDispatch	STRING	No	Notes regarding the pickup	Custom note field
	pickupDate	STRING	Yes	Requested pickup date	2025-01-15
	readyTime	STRING	Yes	The time the shipment will be ready for pickup	10:00am
	requesterContact	STRING	Conditional	Contact of the 3rd party requesting the pickup	Tim Waites
	requesterEmail	STRING	Conditional	Email of the 3rd party requesting the pickup	email@requester.com
	requesterPhone	STRING	Conditional	Phone number of the 3rd party requesting the pickup	8885551212, 888-555-1212
	requesterPhoneExtension	STRING	No	Phone extension of the 3rd party requesting the pickup	101
	shipperAddress	STRING	Yes	Pickup address	123 S Main St
	shipperCity	STRING	Yes	Pickup city	Federal Way
	shipperContactName	STRING	Yes	Contact name for shipper	Josh Pryne
	shipperContactPhone	STRING	Yes	Contact phone number for shipper	8884443434, 888-444-3434
	shipperContactPhoneExtension	STRING	No	Contact phone extension for shipper	101
	shipperName	STRING	Yes	Company name of shipper	Company Name
	shipperState	STRING	Yes	Pickup state	WA
	shipperZip	STRING	Yes	Pickup zip code	98023
"load" Array	load		Yes	load' array definition	'load':[]
	bolId	STRING	No	Customer Bill of Lading number	123, 123-4
	handlingUnit	STRING	No	Handling unit type	Digital LTL Council standards
	destinationZip	STRING	Yes	Zip code where freight is being delivered	98032
	height	INTEGER	Yes	Height in inches (96" maximum)	48
	length	INTEGER	Yes	Length in inches, 324" maximum if width <= 50", otherwise 143" maximum	48
	pieces	INTEGER	Yes	Number of pieces matching this LxWxH going to this destination zip code	2
	weight	INTEGER	Yes	Total weight for items in this **load** element	1100
	width	INTEGER	Yes	Width in inches (93" maximum)	48

Response

Section	Field	Type	Details	Example Data
Main body	customerAlert	STRING	Notes regarding the pickup, request to send BOL for 3rd party pickups	Zip Code is only serviced on Tuesdays
	dockCloseTime	STRING	The time the pickup location's dock closes	4:30pm
	isHazmat	BOOLEAN	Freight is Hazmat material	true/false
	isLGPickup	BOOLEAN	Does the pickup require a liftgate on the truck	true/false
	isOnPallets	BOOLEAN	Is the shipment on pallets	true/false
	loggedDateTime	STRING	Date and time that Peninsula received the API request	2025-01-10 10:30am
	mvRecordId	STRING	Internal ID for the pickup request	W100@PDS8
	pickupDate	STRING	Requested pickup date	2025-02-11
	pickupNumber	STRING	Confirmed pickup ID	W100
	readyTime	STRING	The time the shipment will be ready for pickup	10:00am
	requesterContact	STRING	Contact of the 3rd party requesting the pickup	Tim Waites
	requesterEmail	STRING	Email of the 3rd party requesting the pickup	email@requester.com
	requesterPhone	STRING	Phone number of the 3rd party requesting the pickup	888-555-1212 Ext:102
	shipperAddress	STRING	Pickup address	123 S Main St
	shipperContactName	STRING	Contact name for shipper	Josh Pryne
	shipperContactPhone	STRING	Contact phone number for shipper	888-444-3434 Ext:205
	shipperName	STRING	Company name of shipper	Company Name
	ShipperCSZ	STRING	City, State, and Zip of shipper	Federal Way, WA 98023
	thirdParty	BOOLEAN	Is this a 3rd Party pickup	true/false
	totalWeight	INTEGER	Total weight for pickup	1100
"load" Array			"load" definition	"load": []
	beyondCarrier	STRING	SCAC for carrier making delivery	DHRD
	destinationTerminal	STRING	Name of the terminal making the delivery	DES MOINES
	destinationZip	STRING	Zip code where the freight is being delivered	60126
	height	INTEGER	Height in inches (96" maximum)	48
	length	INTEGER	Length in inches, 324" maximum if width <= 50", otherwise 143" maximum	48
	pieces	INTEGER	Number of pieces matching this LxWxH going to this destination zip code	2
	weight	INTEGER	Total weight for items in this **load** element	1100
	width	INTEGER	Width in inches (93" maximum)	48
"accessorial" Array			"accessorial" definition	"accessorial":[]
	item	STRING	Accessorial code	LP1
	desc	STRING	Accessorial description	LIFTGATE PICKUP
Footer	apiStart	STRING	System time the call was initiated	2025-01-10 10:30:33.073
	apiTime	STRING	Length of API call	0.032
	System	STRING	System responding to API request	Sandbox, Production
	status	STRING	Status of the API call	Ok, OverSize
	statusMsg	STRING	Error, if applicable	"This shipment requires special processing"

statusNbr	NUMERIC	Response status code		200

Example

Call (as cURL):

```
curl --location 'https://api.peninsulatruck.com/api/pickups/v3.1' \
--header 'xaggregatorcode: <Aggregator Token>' \
--header 'Content-Type: application/json' \
--header 'Authorization: ••••••' \
--data '
{
    "customerNumber": "123456",
    "dockCloseTime": "04:00pm",
    "isHazmat": true,
    "isInsidePickup": true,
    "isLGPickup": true,
    "isOnPallets": true,
    "isResiPickup": true,
    "noteToDispatch": "",
    "pickupDate": "2025-01-24",
    "readyTime": "10:00am",
    "requesterContact": "Requestor Contact",
    "requesterEmail": "requestor@email.com",
    "requesterPhone": "2062062066",
    "requesterPhoneExtension": "",
    "shipperName": "Shipper Name",
    "shipperAddress": "123 Street",
    "shipperCity": "Auburn",
    "shipperState": "WA",
    "shipperZip": "98104",
    "shipperContactName": "Shipper Contact",
    "shipperContactPhone": "2062062067",
    "shipperContactPhoneExtension": "",
    "load": [
        {
            "bolId": "",
            "handlingUnit": "",
            "pieces": "",
            "weight": 500,
            "destinationZip": 48,
            "height": 1,
            "length": 1,
            "width": 48
        }
    ]
}
'
```

Response:

```json
{
    "customerAlert": "Please email your BOL to custserv@peninsulatruck.com for scheduling support",
    "dockCloseTime": "04:00pm",
    "isHazmat": true,
    "isLGPickup": true,
    "isOnPallets": true,
    "loggedDateTime": "2025-01-24 01:05pm",
    "mvRecordId": "W294@PDS1",
    "pickupDate": "2025-01-24",
    "pickupNumber": "W294",
    "readyTime": "10:00am",
    "requesterContact": "Requestor Contact",
    "requesterEmail": "requestor@email.com",
    "requesterPhone": "206-206-2066",
    "shipperAddress": "123 Street",
    "shipperName": "Shipper Name",
    "shipperContactName": "Shipper Contact",
    "shipperContactPhone": "206-206-2067",
    "shipperCSZ": "Auburn, WA  98104",
    "thirdParty": false,
    "totalWeight": 500,
    "load": [
        {
            "beyondCarrier": "",
            "destinationTerminal": "AUBURN",
            "destinationZip": "98114",
            "height": 48,
            "length": 48,
            "pieces": 1,
            "weight": 500,
            "width": 48
        }
    ],
    "accessorial": [
        {
            "item": "SP1HA",
            "desc": "HAZARDOUS MATERIAL"
        },
        {
            "item": "IP1",
            "desc": "INSIDE PICKUP"
        },
        {
            "item": "LP1",
            "desc": "LIFTGATE PICKUP"
        },
        {
            "item": "RP1",
            "desc": "RESIDENTIAL PICKUP"
        }
    }
```

```
    ],
    "apiStart": "2025-01-24 13:05:28.906",
    "apiTime": 0.148,
    "system": "Development",
    "statusNbr": 200,
    "status": "ok",
    "statusMsg": ""
}
```

Section 12 – Testing Your Connection to the Public API

During initial setup, and when updating your connections to the public API, it is recommended that you make use of a sandbox API key to validate your payloads are properly formatted, as well as returning sample responses you can use for validating logic you may have for parsing information from the API.

When using the sandbox, the API will validate that all required fields are present and the data in each field is consistent with the type and formatting required. It will return an error response that would have been generated had you been using a production API key. You can use this to refine your payloads and make sure they'll be acceptable when submitted for pickup by the production API.

In addition, the sandbox is looking for every field possible in the payload, even if not logically required for the request being submitted and will use the status fields in the footer to pass information about what appears to be missing. Missing fields are not necessarily an error, so this feedback is included along with the successful response. Additional fields included in the payload that are not used by the API are ignored and no report is returned on them.

The successful responses from the sandbox are pre-generated and not based on the data submitted in your payload.

There are 3 sample responses:

1. A pickup with no accessorial codes.
2. A pickup with multiple delivery locations.
3. A pickup returning every possible option in the **accessorials** array

The sandbox API will cycle through these responses (in order) for every payload submitted that doesn't produce an error.