

BOL Tracking API Guide

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Considerations

HTTP verbs

The BOL Tracking API follows standard HTTP and REST conventions in its use of HTTP verbs. Only the **GET** is used for this service.

| Verb | Usage |
|------------|---|
| GET | Used to retrieve shipment BOL information |

API Key

Requests to retrieve shipment BOL information require authentication using an API key as a URI query parameter. See example request below.

BOL Tracking Syntax/Example

https://api.averittexpress.com/tracking/bols/2NA8311865?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 |
| /tracking/bols/ | This is the path to the BOL Tracking API. |
| 2NA8311865 | This is an example of the BOL ID being searched for. This is a required path parameter. Max size is 20 characters. |
| api_key= | This is a required parameter. The api_key is specific to the user and is used for authentication. |

Path Parameters

Table 1. /tracking/bols/{bolId}

| Parameter | Description |
|--------------|---|
| bolId | Maximum 20 characters. Customer assigned BOL identifier |

Example HTTP & CURL Requests

```
GET /tracking/bols/USER_DEFINED_BOL_ID?api_key=0000000000 HTTP/1.1
Accept: application/json
Host: api.averittexpress.com
```

```
$ curl
'https://api.averittexpress.com/tracking/bols/USER_DEFINED_BOL_ID?api_key=0000000000'
-i -X GET \
-H 'Accept: application/json'
```

Response Body

Please Note :

There can be multiple PRO's to one BOL Id.

There can be no PRO's connected to the BOL Id.

Some of this information may not be complete for the PRO.

```
{
  "shipmentInformation" : [ {
    "proNumber" : "0000000000",
    "pickupDate" : "2019-02-22",
    "originCompanyName" : "My Origin Company",
    "originCity" : "MEMPHIS",
    "originState" : "TN",
    "originZip" : "38141",
    "destinationCompanyName" : "My Destination Company",
    "destinationCity" : "HOUSTON",
    "destinationState" : "TX",
    "destinationZip" : "77032"
  }, {
    "proNumber" : "0000000000",
    "pickupDate" : "2019-02-22",
    "originCompanyName" : "My Origin Company",
    "originCity" : "MEMPHIS",
    "originState" : "TN",
    "originZip" : "38141",
    "destinationCompanyName" : "My Destination Company",
    "destinationCity" : "HOUSTON",
    "destinationState" : "TX",
    "destinationZip" : "77032"
  } ]
}
```

Response Fields

| Path | Type | Description |
|--|--------|-----------------------------------|
| shipmentInformation[] | Array | One or many PROs in a single BOL. |
| shipmentInformation[].proNumber | String | PRO - shipment identifier |
| shipmentInformation[].pickupDate | String | ISO 8601 Format (YYYY-MM-DD) |
| shipmentInformation[].originCompanyName | String | Shipper Company Name |
| shipmentInformation[].originCity | String | Shipper City |
| shipmentInformation[].originState | String | Shipper State |
| shipmentInformation[].originZip | String | Shipper Zip Code |
| shipmentInformation[].destinationCompanyName | String | Consignee Company Name |
| shipmentInformation[].destinationCity | String | Consignee City |
| shipmentInformation[].destinationState | String | Consignee State |
| shipmentInformation[].destinationZip | String | Consignee Zip Code |

HTTP status codes

| Status code | Usage |
|---------------|--------------------------------------|
| 200 OK | The request completed successfully |
| 404 Not Found | The requested resource did not exist |

Errors

A **404 Not Found** response will be returned when a BOL Id either does not exist or has no PROs associated with it.

```
HTTP/1.1 404 Not Found
Content-Type: application/json;charset=UTF-8
Content-Length: 55

{
  "message" : "The bolId (75254B) was not found."
}
```

| Path | Type | Description |
|----------------------|---------------------|---------------|
| <code>message</code> | <code>String</code> | Error message |