

Order Number Tracking API Guide

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Considerations

HTTP verbs

The Order Number 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 tracking information by Order Number |

API Key

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

Order Number Tracking Syntax/Example

https://api.averittexpress.com/tracking/tl/orders/5829339?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/tl/orders/ | This is the path to the Order Number Tracking API. |
| 5829339 | This is an example of the Order Number being searched for. This is a required path parameter. Max/Min size is 7 digits. |
| 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/tl/orders/{orderNumber}*

| Parameter | Description |
|--------------------|--|
| orderNumber | The order number that identifies a truckload shipment. |

Example HTTP & CURL Requests

```
GET /tracking/tl/orders/00000000?api_key=0000000000 HTTP/1.1  
Accept: application/json  
Host: api.averitexpress.com
```

```
$ curl 'https://api.averitexpress.com/tracking/tl/orders/00000000?api_key=0000000000'  
-i -X GET \  
-H 'Accept: application/json'
```

Response Body

```
{
  "orderNumber" : "0000000",
  "status" : "Delivered",
  "lastLocation" : {
    "address1" : "1234 Example St",
    "city" : "MONTROSE",
    "state" : "CO"
  },
  "lastDateTime" : "2018-01-16T20:50:00",
  "stopOffMessage" : "Some message that provides additional shipment information.",
  "pickupInformation" : {
    "shipperName" : "Shipper Name",
    "pickupDateTime" : "2018-01-13T08:04:00",
    "originPoint" : "BETHLEHEM,PA",
    "entryDateTime" : "2018-01-10T13:19:00"
  },
  "appointmentInformation" : {
    "deliveryDateTime" : "2018-01-17T12:00:00"
  },
  "shipmentInformation" : {
    "pieces" : 22,
    "weight" : 41025.0,
    "bolNumber" : "1055288",
    "manifestNumber" : 5829332,
    "trailerAssigned" : "25",
    "pallets" : 0
  },
  "billToInformation" : {
    "billTo" : "Bill To",
    "address1" : "1234 Example St",
    "address2" : "Apt. 123",
    "city" : "KANSAS CITY",
    "state" : "MO",
    "zip" : "64112"
  },
  "commerceInformation" : {
    "terms" : "Terms",
    "grossCharges" : "00.00"
  },
  "deliveryInformation" : {
    "consigneeName" : "Consignee Name",
    "dateTime" : "2018-01-16T20:49:00",
    "deliveryPoint" : "MONTROSE,CO",
    "deliveryName" : "Delivery Name"
  },
  "shipmentProgression" : [ {
    "type" : "0",
    "city" : "BETHLEHEM",
```

```
"state" : "PA",
"scheduledDateTime" : "2018-01-13T07:00:00",
"actualDateTime" : "2018-01-12T13:38:00",
"customerName" : "Customer Name"
}, {
"type" : "D",
"city" : "MONTROSE",
"state" : "CO",
"scheduledDateTime" : "2018-01-17T12:00:00",
"actualDateTime" : "2018-01-16T20:49:00",
"customerName" : "Customer Name"
} ]
}
```

Response Fields

| Path | Type | Description |
|---|--------|--|
| status | String | The status of the shipment. |
| orderNumber | String | Order Number - seven digit shipment identifier. |
| lastLocation | Object | Specifies the last known location of the shipment. |
| lastLocation.address1 | String | The last known address for this shipment |
| lastLocation.address2 | String | The last known address for this shipment |
| lastLocation.city | String | The last known city for this shipment |
| lastLocation.state | String | The last known state for this shipment |
| lastLocation.zipCode | String | The last known zip code for this shipment |
| lastDateTime | String | The last location date time (ISO 8601). |
| stopOffMessage | String | The message regarding stop offs. |
| pickupInformation | Object | Contains all the pickup information. |
| pickupInformation.shipperName | String | The shipper name. |
| pickupInformation.pickupDateTime | String | The pickup date time (ISO 8601). |
| pickupInformation.entryDateTime | String | The order entry date time (ISO 8601). |
| pickupInformation.originPoint | String | The origin point. |
| appointmentInformation | Object | Contains all the appointment information. |
| appointmentInformation.deliveryDateTime | String | The appointment delivery date time (ISO 8601). |
| shipmentInformation | Object | Contains all the shipment information. |
| shipmentInformation.pieces | Number | The number of pieces in the shipment. |
| shipmentInformation.weight | Number | The total weight (in pounds) of the shipment. |
| shipmentInformation BOLNumber | String | The BOL for this shipment. |

| Path | Type | Description |
|---|--------|---|
| shipmentInformation.manifestNumber | Number | The manifest number for the shipment. |
| shipmentInformation.trailerAssigned | String | The trailer that is assigned to this shipment. |
| shipmentInformation.pallets | Number | The number of pallets for the shipment. |
| billToInformation | Object | Contains all the Bill-to information. |
| billToInformation.billTo | String | The entity getting billed. |
| billToInformation.address1 | String | The bill-to's address 1st line. |
| billToInformation.address2 | String | The bill-to's address 2nd line. |
| billToInformation.city | String | The bill-to's city. |
| billToInformation.state | String | The bill-to's state. |
| billToInformation.zip | String | The bill-to's zip. |
| commerceInformation | Object | Contains all the commerce (payment) information. |
| commerceInformation.terms | String | The terms of the payment. ('Prepaid', 'Collect', 'Third-Party') |
| commerceInformation.grossCharges | String | The gross charge amount. |
| deliveryInformation | Object | Contains all the delivery information. |
| deliveryInformation.consigneeName | String | The consignee name for the delivery. |
| deliveryInformation.dateTime | String | The delivery date time (ISO 8601). |
| deliveryInformation.deliveryPoint | String | The location of the delivery. |
| deliveryInformation.deliveryName | String | The name of who made the delivery. |
| shipmentProgression | Array | Contains all the stop offs for the shipment. |
| shipmentProgression[].type | String | The stop off type (O = origin, P = Pickup, S = Stop, D = Delivery). |
| shipmentProgression[].city | String | The stop off city. |
| shipmentProgression[].state | String | The stop off state. |
| shipmentProgression[].scheduledDateTime | String | The scheduled date time for this stop (ISO 8601). |
| shipmentProgression[].actualDateTime | String | The actual date time for this stop (ISO 8601). |

| Path | Type | Description |
|--|-------------|-------------------------------------|
| shipmentProgression[].customer Name | String | The customer name for this stop. |

HTTP status codes

| Status code | Usage |
|--------------------------|--------------------------------------|
| 200 OK | The request completed successfully |
| 422 Unprocessable Entity | The requested resource is invalid |
| 404 Not Found | The requested resource did not exist |

Errors

A **422 Unprocessable Entity** response will be returned when the Order Number is invalid.

E.g.

```
$ curl 'https://api.averittexpress.com/tracking/tl/orders/0000000b?api_key=0000000000'  
-i -X GET \  
  -H 'Accept: application/json'
```

```
HTTP/1.1 422 Unprocessable Entity  
Content-Type: application/json  
Content-Length: 77
```

```
{  
  "message" : "The order number, 123456b, is not a seven digit number."  
}
```

| Path | Type | Description |
|---------|--------|--|
| message | String | A message describing the problem with the request. |

A **404 Not Found** response will be returned when an order is not found for the given Order Number ...

E.g.

```
$ curl 'https://api.averittexpress.com/tracking/tl/orders/0000000?api_key=0000000000'  
-i -X GET \  
  -H 'Accept: application/json'
```

```
HTTP/1.1 404 Not Found  
Content-Type: application/json  
Content-Length: 63
```

```
{  
  "message" : "The order number, 1234567, was not found."  
}
```

or a user is not found for the given profile ID.

E.g.

```
$ curl 'https://api.averittexpress.com/tracking/tl/orders/0000000?api_key=0000000000'  
-i -X GET \  
  -H 'Accept: application/json'
```

```
HTTP/1.1 404 Not Found
Content-Type: application/json
Content-Length: 63
```

```
{
  "message" : "The order number, 4932529, was not found."
}
```