

Search for Order Item



Warning

This documentation is for translated APIs and intended only for some implementations who have upgraded from a previous version of Order Management. Verify whether your implementation uses translated APIs before making this call, as you will experience errors if your tenant is not configured to use these. If your implementation is not configured to do so, then refer to the [standard API documentation](#) instead.

The Search Order Item API offers a means of locating an existing item by specifying one or more possible properties. A specific Order Item ID does not have to be known to perform the search, as the response will return all results that fit the criteria. As this guide shows, however, an Order ID is necessary and thus items cannot be searched for if the associated order is unknown.

Note that the parameter schemas outlined in this guide are the exact same [as in the previous version of OMS](#), as the Unified Commerce platform supports backwards compatibility for this API. The only change to this request is the format of the base endpoint, as shown in the below table. Remember to provide the *x-vol-tenant* key for authentication in the headers.

Production URL	<code>https://{tenantId}-translation.mozu.com/api/v2/orderItem/{parameters}</code>
Sandbox URL	<code>https://{tenantId}-translation.sandbox.mozu.com/api/v2/orderItem/{parameters}</code>
Supported Formats	JSON
HTTP Method	GET

The request itself is built within the URL by adding a “/?” to the call followed by specific parameters joined by the “&” symbol. For instance, searching for canceled items from a particular order would use the following format:

- `https://{tenantId}-translation.mozu.com/api/v2/orderItem/?orderId=[Order ID]&itemState=CANCELED`

In the case of performing a search with multiple terms of the same parameter, such as retrieving multiple order IDs at once, use a comma-separated list as shown below.

- `https://{tenantId}-translation.mozu.com/api/v2/orderItem/?orderId=[Order ID One],[Order ID Two],[Order ID Three]`

GET calls that support pagination for numerous results, such as when searching, also accept a `perPage` parameter that defines how many results can be returned on each page. The default is 10 and the maximum is 20. Switch between pages of results by appending the `page` parameter to the call. For example:

- `https://{tenantId}-translation.mozu.com/api/v2/orderItem/?orderId=[Order ID]&perPage=2&page=2`

Example

This example case creates a call that will search for all order items that belong to a specific shipment within a multi-package order. The request will specify the following properties:

- Order ID 555555
- Shipment ID 111111

This guide will demonstrate how to put together each section of the request to find the appropriate items.

Required Parameters

Only one parameter is necessary as a search term to query for Order Items:

Parameter	Type	Description
orderID	string	A single or list of orderIDs. They must be positive integers.

Optional Parameters

The API can also search for any of these additional elements:

Parameter	Type	Description
shipmentID	string	A single or list of shipmentIDs. They must be positive integers.
retailerID	string	A single or list of retailerIDs. They must be positive integers. The minimum value is "1".
manufacturerID	string	A single or list of manufacturerIDs. They must be positive integers. The minimum value is "1".
catalogIDs	string	A single or list of catalogIDs. They must be positive integers. The minimum value is "1".
itemState	enum	The order item's current state (NORMAL, PREORDER, PROMOTION, or CANCELED).
page	integer	The page number to begin listing the results from. The default and minimum value is "1", so it will be automatically set as 1 even if not provided in the search request.
perPage	integer	The (max) number of items to return per page. The minimum value is "1" and the maximum value is "100". The default is "10".
sortBy	string	The field(s) to sort results by, use a minus (-) in front of field name for descending, a plus (+) for ascending. The minimum length is 1.

The Full Request

Using the URL format as outlined above, the entire call is fairly simple to put together. This sample will search for order items matching the example's parameters. Any amount of additional parameters could be appended if desired.

<https://{tenantId}-translation.mozu.com/api/v2/orderItem/?orderID=555555&shipmentID=111111>

The Full Response

The API returns the following response. The object returned is a Collection, which contains all of the order item results that fit the provided information. The response details all of the information associated with the order item: general order information, custom data, item options, and so forth. It follows the same organizational structure as the standard Get Order Item Information response.

In this case, the search returned two order items. Since the request used a Shipment ID as a search parameter, even if this order was split among multiple shipments then only the items in the specified shipment would be returned.

```
{
  "collection":[
    {
      "orderItemId":10000001,
      "itemState":"NORMAL",
      "orderID":555555,
      "shipmentID":111111,
      "manufacturerID":222222,
      "partNumber":"333333",
      "description":"Leather Boot",
      "quantity":1,
      "subtotal":41.99,
      "subtotalTaxAmount":2.83,
      "subtotalGross":44.82,
      "retailPrice":69.99,
      "mfgOfferPrice":41.99,
      "lineDiscount":0,
      "shipping":0,
      "actualPrice":41.99,
      "actualPriceTaxAmount":2.94,
      "taxRate":0.07,
      "customData":{
        "mlOrderID":"10101",
        "mlShipmentID":"20202",
        "mlItemID":"30303",
        "giftWrap":"no",
        "productCode":"2222-1111",
        "dateBackOrder":"2001-01-01 00:00:00.0",
        "image_url":""
      },
      "options":[
        "Color: Black",
        "Size: 6.5"
      ],
      "capabilities":[
        "DUPLICATE_ORDER",
        "CANCEL_ORDER",
        "UNCANCEL_ORDER",
        "REASSIGN_ORDER",
        "AUTO_ASSIGN_ORDER",
        "CANCEL_SHIPMENT",
        "UNCANCEL_SHIPMENT"
      ]
    }
  ]
}
```

```

"BACKORDER_SHIPMENT",
"INCREASE_SHIPPING_AND_HANDLING",
"DECREASE_SHIPPING_AND_HANDLING",
"VIEW_TRACKING_INFORMATION",
"ADD_TRACKING_TO_SHIPMENT",
"EDIT_TRACKING_NUMBER",
"DELETE_TRACKING_NUMBER",
"UNFULFILL_SHIPMENT",
"AUTO_ASSIGN_ITEM",
"REASSIGN_ITEM",
"BACKORDER_ITEM",
"CANCEL_ITEM",
"UNCANCEL_ITEM",
"ADD_ITEM",
"INCREASE_ITEM_QUANTITY",
"DECREASE_ITEM_QUANTITY",
"INCREASE_ITEM_PRICE",
"DECREASE_ITEM_PRICE",
"INCREASE_ITEM_TAX",
"DECREASE_ITEM_TAX",
"RETURN_ITEM",
"PROCESS_RETURN",
"OFFER_APPEASEMENT",
"ADD_PROMOTION",
"EDIT_CONSUMER_NAME",
"EDIT_CONSUMER_EMAIL",
"EDIT_CONSUMER_PHONE_NUMBER",
"EDIT_CONSUMER_SHIPPING_ADDRESS",
"EDIT_CONSUMER_BILLING_ADDRESS",
"ADD_PAYMENT_METHOD_CREDIT_CARD",
"ADD_PAYMENT_METHOD_GIFT_CARD",
"ADD_NOTE",
"VIEW_RESTRICTED_NOTE",
"ORDER_ROUTING_LOGS",
"ORDER_SNAPSHOTS"
],
"restrictions":[

],
"discounts":[
{
  "discountID":333333,
  "code":"DISCOUNT*|*",
  "externalDiscountID":"09876",
  "description":"Your 40% off has been applied!",
  "amount":28,
  "type":"ORDER_ITEM_ID"
}
]
},
{
  "orderItemID":90000000,
  "itemState":"NORMAL",
  "orderID":555555,
  "shipmentID":111111,
  "manufacturerID":222222,
  "partNumber":"8888888",

```

```
"description":"Brown Bootie",
"quantity":1,
"subtotal":29.99,
"subtotalTaxAmount":2.02,
"subtotalGross":32.01,
"retailPrice":49.99,
"mfgOfferPrice":29.99,
"lineDiscount":0,
"shipping":0,
"actualPrice":29.99,
"actualPriceTaxAmount":2.1,
"taxRate":0.07,
"customData":{
  "mlOrderId":"10101",
  "mlShipmentId":"20202",
  "mlItemId":"40404",
  "giftWrap":"no",
  "productCode":"2222-3333",
  "dateBackOrder":"2001-01-01 00:00:00.0",
  "image_url":""
},
"options":[
  "Size: 6.5",
  "Color: Black"
],
"capabilities":[
  "DUPLICATE_ORDER",
  "CANCEL_ORDER",
  "UNCANCEL_ORDER",
  "REASSIGN_ORDER",
  "AUTO_ASSIGN_ORDER",
  "CANCEL_SHIPMENT",
  "UNCANCEL_SHIPMENT",
  "AUTO_ASSIGN_SHIPMENT",
  "REASSIGN_SHIPMENT",
  "BACKORDER_SHIPMENT",
  "INCREASE_SHIPPING_AND_HANDLING",
  "DECREASE_SHIPPING_AND_HANDLING",
  "VIEW_TRACKING_INFORMATION",
  "ADD_TRACKING_TO_SHIPMENT",
  "EDIT_TRACKING_NUMBER",
  "DELETE_TRACKING_NUMBER",
  "UNFULFILL_SHIPMENT",
  "AUTO_ASSIGN_ITEM",
  "REASSIGN_ITEM",
  "BACKORDER_ITEM",
  "CANCEL_ITEM",
  "UNCANCEL_ITEM",
  "ADD_ITEM",
  "INCREASE_ITEM_QUANTITY",
  "DECREASE_ITEM_QUANTITY",
  "INCREASE_ITEM_PRICE",
  "DECREASE_ITEM_PRICE",
  "INCREASE_ITEM_TAX",
  "DECREASE_ITEM_TAX",
  "RETURN_ITEM",
  "PROCESS_RETURN",
  "OFFER_APPEASEMENT",
  "ADD_PROMOTION",
  "EDIT_CONSUMER_NAME"
```

```
    "EDIT_CONSUMER_EMAIL",
    "EDIT_CONSUMER_PHONE_NUMBER",
    "EDIT_CONSUMER_SHIPPING_ADDRESS",
    "EDIT_CONSUMER_BILLING_ADDRESS",
    "ADD_PAYMENT_METHOD_CREDIT_CARD",
    "ADD_PAYMENT_METHOD_GIFT_CARD",
    "ADD_NOTE",
    "VIEW_RESTRICTED_NOTE",
    "ORDER_ROUTING_LOGS",
    "ORDER_SNAPSHOTS"
  ],
  "restrictions":[
  ],
  "discounts":[
    {
      "discountID":333333,
      "code":"DISCOUNT*|*",
      "externalDiscountID":"09876",
      "description":"Your 40% off has been applied!",
      "amount":20,
      "type":"ORDER_ITEM_ID"
    }
  ]
},
]
}
```