

# Adjustment

Last Modified on 09/10/2020 12:39 pm EDT

## Adjustment Object

**Adjustment** is a transaction used to increase or decrease inventory. Like all transactions it is comprised of a Doc portion (Adjustment) and one or more Line Items (AdjustmentLineItem). AdjustmentLineItem may optionally include one or more Details.

- [End Point](#)
- [Properties - Adjustment](#)
- [Properties - Adjustment Line Item](#)
- [Properties - Adjustment Line Item Details](#)
- [Json Sample](#)

### End Point

/adjustment

GET, POST, DELETE

GET and DELETE requests expect parameter docNo of type Int32.

[Top](#)

### Properties - Adjustment

Property	Caption	Data Type	Required
AccountRef	Account	EntityRef	True
DocNo	No.	Int32	False
Date	Date	DateTime	True
StatusRef	Status	EntityRef	False
ClassRef	Class	EntityRef	False
Memo	Memo	String (4000)	False
LocationRef	Location	EntityRef	True
CustomerRef	Customer	EntityRef	False
LineItems	Items	Array of AdjustmentLineItem	True
CustomFields	Custom Fields	Array of CustomFieldData	False

[Top](#)

## Properties - Adjustment Line Item

Property	Caption	Data Type	Required	Read Only
\$type	This property MUST be included to tell the API what type of item is being added. The value should be "AOLib7.AdjustmentLineItem, AOLib7"			
Id	Id	Int32	False	True
LineNo	Line No	Int16	False	True
ItemRef	Item	EntityRef	True	False
Quantity	Quantity	Decimal	True if no details are provided	False
Cost	Cost	Decimal	False - if the cost is zero, it will be ignored.	False
CustomFields	Custom Fields	Array of CustomFieldData	False	False
Details	Line Item Details	Array of FillBinBase	False	False

Quantity can either positive or negative. Use a negative quantity to reduce inventory.

## Properties - Adjustment Line Item - Details

The Details node is comprised of Line Item Details. If you have used the Form Designer, you know that you can add details to show the Bins and Lot or Serial No data for inventoried items. Only inventoried items comprising of Part and Assembly items need Details. You only need to include Details if you want to specifically identify the bins and / or lot and serial numbers being included. If you include Details for one Adjustment Line item then you must do so for all inventoried Adjustment Line Items and visa versa. **You cannot have some inventoried Adjustment Line Items with Details and some without.**

Line Item Details are comprised of an Array of FillBinBase. FillBinBase can morph into either FillBin or DocFillLotOrSerial. DocFillLotOrSerial is used when the item has TrackLotOrSerial set to true and FillBin is used otherwise.

Property	Caption	Data Type	Required	Read Only	Applied to
\$type	This property MUST be included to tell the API what type of Detail is being added. The value should be "AOLib7.FillBin, AOLib7" or "AOLib7.DocFillLotOrSerial, AOLib7"				
Id	Id	Int32	False	True	Both
BinRef	Bin	EntityRef	True	False	Both

LotOrSerialNo	Lot Or Serial No	String (50)	True	False	DocFillLotOrSerial
ExpirationDate	Expiration Date	DateTime	True	False	DocFillLotOrSerial
Quantity	Quantity	Decimal	True	False	Both
Description	Description	String (4000)	False	False	DocFillLotOrSerial
CustomFields	Custom Fields	Array of CustomFieldData	False	False	DocFillLotOrSerial

[Top](#)

**Json Sample**

```

{
  "AccountRef": {
    "Id": 32
  },
  "Date": "2018-11-05T00:00:00",
  "LineItems": [
    {
      "$type": "AOLib7.AdjustmentLineItem, AOLib7",
      "ItemRef": {
        "Id": 30
      },
      "LineNo": 1,
      "Quantity": 2,
      "Details": [
        {
          "$type": "AOLib7.FillBin, AOLib7",
          "Id": 1091,
          "BinRef": {
            "Id": 8,
            "Name": "Floor"
          },
          "Quantity": 2
        }
      ]
    },
    {
      "$type": "AOLib7.ReceiverLineItem, AOLib7",
      "Id": 33,
      "ItemRef": {
        "Id": 37
      },
      "Quantity": 1,
      "Details": [
        {
          "$type": "AOLib7.DocFillLotOrSerial, AOLib7",
          "BinRef": {
            "Id": 8,
            "Name": "Floor"
          },
          "Quantity": 1,
          "LotOrSerialNo": "1253215235"
        }
      ]
    }
  ],
  "StatusRef": {
    "Id": 5,
    "Name": "Closed"
  },
  "LocationRef": {
    "Id": 10,
    "Name": "HQ"
  }
}

```

[Top](#)