



InPost API (V4.9)

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INPOST, THE NEXT STEP IN THE CLICK & COLLECT EVOLUTION

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Overall

Parcel Life Cycle

Statuses listed below are the components of the basic parcel life cycle:

- **Created**
After receiving the correct required parameters, which are necessary for the parcel object to be created, the InPost System creates a parcel object. If the 'Pay' resource has not been called the parcel will not be processed any further.
- **Prepared**
The consignment is 'Payed' for within the InPost system. As part of this step the user will need to print the label from the InPost System or produce their own label (Self Labelling) to put on the package. This is the first step of the dispatch process, the parcel is now ready for shipping.
- **Sent**
The parcel is now at the beginning of the shipment process, the courier has picked up the parcel.
- **InTransit**
The parcel is being transported from the source point to the target parcel machine (locker terminal).
- **Stored**
The parcel has reached the target parcel machine (locker terminal) and is ready to be collected by the recipient. A notification (SMS and/or e-mail if held) is sent to the customer with the collection code and location of the parcel machine (locker terminal) to be picked up.
- **Delivered**
Once the customer picks up the parcel from the parcel machine (locker terminal), the status is set to delivered and the life cycle is complete.

Other statuses that can be returned by the InPost API:

- **CustomerDelivering**
The parcel is ready to be delivered to parcel machine (locker terminal) by the individual client (only applicable for Locker to Address scenario).
- **CustomerStored**
The parcel has been stored by the customer. Used in Locker to Address scenario only.
- **Avizo**
The parcel has not been collected in the specified time period. This triggers a reminder notification advising the parcel is waiting to be collected.
- **Expired**
The parcel has not been collected by the recipient and it cannot be collected from the parcel machine (locker terminal) any more. Therefore, the parcel will be collected by the courier and returned to sender.
- **ReturnedToAgency**
An uncollected parcel has been taken by the courier from the parcel machine (locker terminal) and returned to sender.

- **DeliveredToAgency**
An uncollected parcel has been delivered back to the sender.
- **Cancelled**
Parcel in the 'Sent' status has been cancelled. It is no longer available for collection.
- **LabelExpired**
When the label is expired, the parcel machine (locker terminal) will not accept the parcel.
- **NotDelivered**
When it is not possible to deliver the parcel into the parcel machine (locker terminal).
- **Claimed**
Parcel status changed manually to claimed to stop collection.
- **Missing**
Parcel was not found inside the machine (locker terminal).

Locker Sizes

The machine (locker terminal) is fitted with 3 locker sizes.

- Size A (SMALL)
8 cm x 38 cm x 64 cm
- Size B (MEDIUM)
19 cm x 38 cm x 64 cm
- Size C (LARGE)
41 cm x 38 cm x 64 cm

Application Programming Interface (API)

The API is accessible through HTTP protocol providing a set of functions and procedures to integrate with the InPost solution

The InPost API is based on the REST software architecture style.

Endpoints

The InPost API can be found via the following endpoints:

Live/Production: <https://api-uk.easypack24.net/v4/>

Test/Stage: <https://stage-api-uk.easypack24.net/v4/>

Requests

According to the HTTP/1.1 specification there are three types of request commands:

POST

The POST method is used to request that the origin server accept the entity enclosed in the request as a new subordinate of the resource identified by the Request-URI in the Request-Line. In other words - the POST request command should be used to create a new element of the collection

GET

The GET method means retrieve whatever information (in the form of an entity) is identified by the Request-URI.

The GET request method should be used to obtain the necessary data from a specific resource.

In some cases, the default GET request may be expanded with additional input arguments passed in the request query string.

PUT (PATCH)

The PUT method requests that the enclosed entity be stored under the supplied Request-URI. If the Request-URI refers to an already existing resource, the enclosed entity should be considered as a modified version of the one residing on the origin server.

The PUT method should be used to update an existing object in the Central System through the API.

In addition the RFC defined PUT request method updates the source object data with the given data only (what can cause accidental deleting of data), while PATCH method combines the data provided in a request and the data already stored in the Central System, InPost parcel machines (locker terminal) API uses the PUT request method in the way in which PATCH method works.

Response

Typical InPost parcel machines (locker terminal) API responses have a common JSON formatted structure.

```
{
  "_links":{
    "next":{
      "href":"/v4/resource_name?page=3&per_page=1"
    },
    "previous":{
      "href":"/v4/resource_name?page=1&per_page=1"
    },
    "self":{
      "href":"/v4/resource_name?page=2&per_page=1"
    }
  },
  "total_count":10,
  "_embedded":{
    "resource_name":[
      A particular resource structure represented as an array of any object type, either a string value,
      or an object with complex structure.
    ]
  }
}
```

However some particular resources may have responses that differ from this, for example:

```
{
  "status_code":401,
  "error_code":"token_invalid",
  "message":"Token is missing or invalid"
}
```

Authorisation (Access Token)

The API resources can be accessed only with a correct registered user access token provided in each headers Authorization field. Valid access tokens are provided by InPost.

Request Cheat Sheet

Locations - Cities

All cities list GET /v4/cities

Locations – Parcel Machines

All parcel machine list GET /v4/machines

Parcel machine data GET /v4/machines/:id

Parcels

Customer parcels GET /v4/customers/:customer_id/parcels

Parcel data GET /v4/parcels/:id

Get a parcels label GET /v4/parcels/:parcel_id/sticker

Creating a parcel POST /v4/customers/:customer_id/parcels

Paying for a parcel POST /v4/parcels/:parcel_id/pay

Cancelling a parcel POST /v4/parcels/:parcel_id/cancel

Updating reference PUT (PATCH) /v4/parcels/:id

Customers

Customer data GET /v4/customers/:id

Returns

Customer's returns GET /v4/customers/:customer_id/returns

Return data GET /v4/returns/:id

Getting a return label GET /v4/returns/:return_id/sticker

Creating a return POST /v4/customers/:customer_id/returns

Locations

List All Cities

A GET request method sent to the cities resource will return a listing of all cities in which the service works. Response is cached for 10 minutes.

Request

```
GET /v4/cities
```

Request (cURL)

```
curl https://api-uk.easypack24.net/v4/cities
```

Request (PHP)

```
<?php
$baseUrl = 'https://api-uk.easypack24.net/v4';
$path = '/cities';
$ch = curl_init($baseUrl.$path);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
$rawResponse = curl_exec($ch);
curl_close($ch);
?>
```

Sample Response

```
{
  "_links":{
    "self":{
      "href":"/v4/cities"
    },
    "total_count":37,
    "_embedded":{
      "cities":[
        "London",
        "Braunstone",
        "London/Greenwich",
        ...,
        "Plymouth"
      ]
    }
  }
}
```

List All Provinces

A GET request method sent to the provinces resource will return a listing of all provinces and cities within those provinces where the service is available. Response is cached for 10 minutes.

Request

```
GET /v4/provinces
```

Request (cURL)

```
curl https://api-uk.easypack24.net/v4/provinces -X GET
```

Request (PHP)


```
<?php
$baseUrl = 'https://api-uk.easypack24.net/v4';
$path = '/provinces';
$ch = curl_init($baseUrl.$path);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
$rawResponse = curl_exec($ch);
curl_close($ch);
?>
```

Sample Response (Success / HTTP 200 OK)

```
{
  "_links":{
    "self":{
      "href":"v4/provinces?type=1"
    }
  },
  "count":29,
  "_embedded":{
    "provinces":[
      {
        "name":"Gloucestershire",
        "cities":[
          "Severn Beach"
        ]
      },
      ...,
      {
        "name":"Carmarthenshire",
        "cities":[
          "Llanelli"
        ]
      }
    ]
  }
}
```

Sample Response (Error / HTTP 422 Unprocessable Entity)

```
{
  "status_code":422,
  "error_code":"validation_failed",
  "message":"There are some validation errors",
  "errors":{
    "type":[
      "invalid"
    ]
  }
}
```

List All Parcel Machines

A GET request method sent to the machines resource will return a listing of all machines. Response is cached for 10 minutes.

Request Parameters

Parameter Name	Description	Default Value
location[post_code]	Sets the postcode which the API will use to limit results GET /v4/machines?location[post_code]=MK14%206GD	N/A (null)
location[distance]	Sets the distance, in Metres, by which results will be limited GET /v4/machines?location[distance]=1000	N/A (null)

Request

```
GET /v4/machines
```

Request (cURL)

```
curl https://api-uk.easypack24.net/v4/machines
```

Request (PHP)

```
<?php
$baseUrl = 'https://api-uk.easypack24.net/v4';
$path = '/machines';
$ch = curl_init($baseUrl.$path);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
$rawResponse = curl_exec($ch);
curl_close($ch);
?>
```

Response (Success / HTTP 200 OK)

```
{
  "_links": {
    "self": {
      "href": "/v4/machines"
    }
  },
  "total_count": 1075,
  "_embedded": {
    "machines": [
      {
        "_links": {
          "self": {
            "href": "/v4/machines/UKABB8218"
          }
        },
        "minimap": {
          "href":
"http://maps.googleapis.com/maps/api/staticmap?size=800x400&center=51.48504,0.10493&zoom=15&marker
s=color:yellow|51.48504,0.10493"
        },
        "id": "UKABB8218",
        "address": {
          "building_no": "InPost Locker- Harvest Energy Petrol Stn",
          "flat_no": null,
          "post_code": "SE2 0RB",
          "province": "London",
```

```

    "street": "Bostall Hill",
    "city": "London/Greenwich"
  },
  "address_str": "Bostall Hill InPost Locker- Harvest Energy Petrol Stn, SE2 0RB London/Greenwich",
  "functions": [
    "parcel",
    "avizo",
    "avizo"
  ],
  "location": [
    51.48504,
    0.10493
  ],
  "location_description": "Harvest Energy Petrol Station, on the right hand side",
  "location_description1": null,
  "location_description2": null,
  "location_type": null,
  "operating_hours": null,
  "payment_type": 0,
  "status": "Operating",
  "type": 0
}
]
}
}

```

Get Parcel Machine Data

A GET request method sent to the machines resource with a particular machine's identifier will return detailed information.

Request

```
GET /v4/machines/:id
```

Request (cURL)

```
curl https://api-uk.easypack24.net/v4/machines/UKMIL10111 -X GET
```

Request (PHP)

```

<?php
$machineName = 'UKMIL10111';
$baseUrl = 'https://api-uk.easypack24.net/v4';
$path = '/machines/'.$machineName;
$ch = curl_init($baseUrl.$path);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
$rawResponse = curl_exec($ch);
curl_close($ch);
?>

```

Response (Success / HTTP 200 OK)

```

{
  "_links":{
    "self":{
      "href":"/v4/machines/UKMIL10111"
    },
    "minimap":{

```

```

    "href":"http://maps.googleapis.com/maps/api/staticmap?size=800x400&center=52.04312,-
0.76695&zoom=15&markers=color:yellow|52.04312,-0.76695"
  },
  "id":"UKMIL10111",
  "address":{
    "building_no":"InPost Locker- Total Petrol Station",
    "flat_no":null,
    "post_code":"MK13 8HR",
    "province":"Buckinghamshire",
    "street":"H5 Portway",
    "city":"Milton Keynes"
  },
  "address_str":"H5 Portway InPost Locker- Total Petrol Station, MK13 8HR Milton Keynes",
  "functions":[
    "parcel",
    "avizo",
    "avizo"
  ],
  "location":[
    52.04312,
    -0.76695
  ],
  "location_description":"Total Petrol Station, next to the exit of the carwash",
  "location_description1":null,
  "location_description2":null,
  "location_type":null,
  "operating_hours":null,
  "payment_type":1,
  "status":"Operating",
  "type":0
}

```

Parcels (Address to Locker Service)

Customer Parcels

A GET request method sent to the parcels resource with a customer's identifier given will return a collection of this customer's parcels. It is accessible only for the request with the queried user's access token passed in the request header.

Request Parameters

Parameter	Description	Default Value
customer_reference	Passing customer_reference parameter allows searching of parcels by customer reference. String value, min. 2, max. 255 characters. <code>GET /v4/customers/:customer_id/parcels?customer_reference=1234</code>	N/A (null)
status	Passing status parameter allows searching of parcels by the current parcel status. <code>GET /v4/customers/:customer_id/parcels?status=prepared</code>	N/A (null)
sort_order	Change sorting order to ascending. Available values: asc or desc. <code>GET /v4/customers/:customer_id/parcels?sort_order=asc</code>	desc
sort_by	Parcels can be sorted by: status, status_updated_at, created_at or size fields by passing the sort_by param. Available values: status, status_updated_at2, size or created_at. <code>GET /v4/customers/:customer_id/parcels?sort_by=status</code>	created_at
page per_page	Pass pagination parameters to navigate through parcels. Minimum page value is 1 and maximum is 1000000. Minimum per_page value is 1 and maximum is 100. <code>GET /v4/customers/:customer_id/parcels?per_page=50&page=3</code>	page: 1 per_page: 30

Request

```
GET /v4/customers/:customer_id/parcels
```

Request (cURL)

```
curl https://api-uk.easypack24.net/v4/customers/PUT_YOUR_EMAIL_HERE/parcels -X GET -H "Authorization: Bearer your_access_token"
```

Request (PHP)

```
<?php
$customerEmail = 'PUT REGISTERED EMAIL ADDRESS HERE';
$token = 'PUT YOUR ACCESS TOKEN HERE';
$baseUrl = 'https://api-uk.easypack24.net/v4';
$path = '/customers/'.$customerEmail.'/parcels';
$headers = array(
    "Authorization: Bearer $token"
);
$ch = curl_init($baseUrl.$path);
curl_setopt($ch, CURLOPT_HTTPHEADER, $headers);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
$rawResponse = curl_exec($ch);
curl_close($ch);
?>
```

Response (Success / HTTP 200 OK)

```
{
  "_links":{
    "self":{
      "href":"/v4/customers/sender%40easypack.com/parcels"
    },
    "next":{
      href:"/v4/customers/sender%40easypack.com /parcels?page=2"
    }
  },
  "count":121,
  "page":1,
  "per_page":30,
  "_embedded":{
    "parcels":[
      parcel_13,
      parcel_2,
      ...,
      parcel_n
    ]
  }
}
```

Response (Success / HTTP 422 Unprocessable Entity)

```
{
  "status_code":422,
  "error_code":"validation_failed",
  "message":"There are some validation errors",
  "errors":{
    "sort_by":[
      "invalid"
    ]
  }
}
```

Parcel Data

A GET request method sent to the parcels resource with a particular parcel's identifier given will return the detailed data regarding the parcel.

Request

```
GET /v4/parcels/:id
```

Request (cURL)

```
curl https://api-uk.easypack24.net/v4/parcels/PUT_YOUR_PARCEL_ID_HERE -X GET -H "Authorization: Bearer your_token"
```

Request (PHP)

```
<?php
$token = 'PUT YOUR ACCESS TOKEN HERE';
$parcelId = 'PUT YOUR PARCEL ID HERE';
$baseUrl = 'https://api-uk.easypack24.net/v4';
$path = '/parcels/'.$parcelId;
$headers = array(
  'Authorization: Bearer '.$token
);
$ch = curl_init($baseUrl.$path);
curl_setopt($ch, CURLOPT_HTTPHEADER, $headers);
```

```
curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
curl_close($ch);
?>
```

Response (Success / HTTP 200 OK)

```
{
  "_links":{
    "self":{
      "href":"/v4/parcels/12345670007358"
    },
    "receiver":{
      "href":"/v4/customers/receiver@example.com"
    },
    "sender":{
      "href":"/v4/customers/sender@example.com"
    },
    "sticker":{
      "href":"/v4/parcels/12345670007358/sticker"
    },
    "target_machine":{
      "href":"/v4/machines/UKMIL10111"
    }
  },
  "id":"12345670007358",
  "created_at":"2016-05-06T07:45:16.818+01:00",
  "status":"created",
  "status_updated_at":null,
  "additional1":null,
  "additional2":null,
  "avizo_time":2880,
  "cod_amount":"0.0",
  "customer_reference":null,
  "expiration_time":1440,
  "insurance_amount":null,
  "letter_type":null,
  "pickup_expiration_time":null,
  "primary_parcel_id":null,
  "receiver":{
  },
  "receiver_phone":"7142220111",
  "receiver_email":"receiver@example.com",
  "return_address":{
  },
  "sender_address":{
    "building_no":"65I",
    "city":"Birmingham",
    "company_name":null,
    "email":"sender@example.com",
    "first_name":"Sender",
    "flat_no":null,
    "last_name":"Send",
    "phone":"7000000000",
    "post_code":"MK14 6GD",
    "province":null,
    "street":"Holloway Head"
```

```

},
"sender_email":"sender@example.com",
"sender_phone":"7000000000",
"service":"STANDARD",
"size":"A",
"skip_pickup_point":false,
"source_machine_id":null,
"target_machine_id":"UKMIL10111",
"calculated_amount":"0.0",
"charged_amount":"0.0",
"dropoff_code":"0"
}

```

Response (Success / HTTP 404 Not Found)

```

{
  "status_code":404,
  "error_code":"parcel_not_found",
  "message":"Parcel '631100111597406015500002' not found.",
  "errors":{
  }
}

```

Get Parcel Label

Executing the label service by sending an empty GET request to the parcels resource with a particular parcel's identifier given, will result in generating and returning a PDF structure of a parcel label.

Request Parameters

Parameter	Description	Default Value
sticker_format	Available values: pdf or zpl	Pdf
Type	Available values: normal or a6p Normal equates to an A4 sized label	Normal for sticker_format PDF A6P for sticker_format ZPL

Request (PDF)

```
GET /v4/parcels/PARCEL_ID /sticker?type=normal > PARCEL_ID.pdf
```

Request (ZPL)

```
GET /v4/parcels/PARCEL_ID/sticker?format=Zpl > PARCEL_ID.zpl
```

Request (cURL)

```
curl https://api-uk.easypack24.net/v4/parcels/PUT_YOUR_PARCEL_ID_HERE/sticker -X GET -H "Authorization: Bearer_your_token"
```

Request (PHP)

```

<?php
$token = 'PUT YOUR ACCESS TOKEN HERE';
$parcelNumber = 'PUT YOUR PARCEL ID HERE';
$baseUrl = 'https://api-uk.easypack24.net/v4';
$path = '/parcels/'.$parcelId.'/sticker';
$headers = array(
  "Authorization: Bearer $token"
);
$ch = curl_init() or die (curl_error($ch));
$ch = curl_init($baseUrl.$path);

```



```

curl_setopt($ch, CURLOPT_HTTPHEADER, $headers);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
$rawResponse = curl_exec($ch);
$filename = 'sticker.pdf';
file_put_contents("./$filename", base64_decode($rawResponse));
curl_close($ch);
?>

```

Response (Success / HTTP 200 OK)

Returns BASE64-Encoded string containing PDF

Response (Error / HTTP 404 Not Found)

```

{
  "status_code":404,
  "error_code":"parcel_not_found",
  "message":"Parcel '12345' not found.",
  "errors":{
  }
}

```

Create Parcel

A POST request method sent to parcels resource with a particular customer identifier will result in creating a new parcel object in the InPost System. The parcel data should be passed as a JSON array formatted string with a "Content-Type: application/json" header option enabled.

Request Parameters

Parameter	Mandatory	Type	Description
customer_reference	No	String	Any value that will allow you to identify the parcel eg. the order number, up to 255 characters
receiver	No	Receiver Object	See table below (Parameters of Receiver Object)
receiver_email	No	String	If populated, must contain a valid email address
receiver_phone	Yes	Numeric	Last 10 digits only of a valid UK mobile number, starting with '7'
return_address	No	Return Address Object	See table below (Parameters of Return Address Object)
sender_address	No	Sender Address Object	See table below (Parameters of Sender Address Object)
size	Yes	String	Parcel size: A, B or C
target_machine_id	Yes	String	The ID/Name of the parcel machine from where the parcel will be delivered by courier/collected by recipient

Parameters of **Receiver Object**

Parameter	Mandatory	Type	Description
Address	No	Receiver Address Object	See table below (Parameters of Receiver Address Object)
Company_name	Yes*	String	Name of the company, up to 100 characters *Only mandatory where first_name and last_name is not provided
Email	No	String	A valid receiver's email address

first_name	Yes*	String	Valid receiver's first name, up to 100 characters *Only mandatory where company_name is not provided
Last_name	Yes*	String	Valid receiver's last name, up to 100 characters *Only mandatory where company_name is not provided
Phone	No	Numeric	Last 10 digits only of a valid UK mobile phone number, starting with '7'

Parameters of Receiver Address Object

Parameter	Mandatory	Type	Description
building_no	Yes	String	Building Number, up to 10 characters
city	Yes	String	City, up to 100 characters
flat_no	No	String	Flat Number, up to 10 characters
post_code	Yes	String	Valid UK postcode
province	No	String	Province, max 100 characters
street	Yes	String	Street Name, max 100 characters

Parameters of Return Address Object

Parameter	Mandatory	Type	Description
building_no	Yes	String	Building Number, up to 10 characters
city	Yes	String	City, up to 100 characters
company_name	No	String	Company Name, up to 100 characters
first_name	No	String	First name of the employee responsible for returns, up to 100 characters
email	No	String	Valid email address for returns processing
flat_no	No	String	Flat Number, up to 10 characters
last_name	No	String	Last name of the employee responsible for returns, up to 100 characters
phone	No	String	Last 10 digits only of a valid UK mobile phone number, starting with '7'
post_code	Yes	String	Valid UK postcode
province	No	String	Province, max 100 characters
street	Yes	String	Street Name, max 100 characters

Parameters of Sender Address Object

Parameter	Mandatory	Type	Description
building_no	Yes	String	Building Number, up to 10 characters
city	Yes	String	City, up to 100 characters
company_name	No	String	Company Name, up to 100 characters
first_name	No	String	First name of the employee responsible for returns, up to 100 characters
email	No	String	Valid email address for returns processing
flat_no	No	String	Flat Number, up to 10 characters
last_name	No	String	Last name of the employee responsible for returns, up to 100 characters
phone	No	String	Last 10 digits only of a valid UK mobile phone number, starting with '7'
post_code	Yes	String	Valid UK postcode
province	No	String	Province, max 100 characters
street	Yes	String	Street Name, max 100 characters

Request

POST /v4/customers/:customer_id/parcels

Request (cURL)

```
curl https://api-uk.easypack24.net/v4/customers/PUT_YOUR_EMAIL_HERE/parcels -X POST -d '{"receiver_phone":"7142220111","target_machine_id":"UKMIL10111","size":"A"}' -H "Content-Type: application/json" -H "Authorization: Bearer your_token"
```

Request (PHP)

```
<?php
$customerEmail = 'PUT YOUR EMAIL HERE';
$token = 'PUT YOUR ACCESS TOKEN HERE';
# Replace below data with your own
$data = array(
    'receiver_phone' => '7142220111',
    'target_machine_id' => 'DXTEST0001',
    'size' => 'A'
);
$baseUrl = 'https://api-uk.easypack24.net/v4';
$path = '/customers/'.$customerEmail.'/parcels';
$headers = array(
    "Authorization: Bearer $token",
    "Content-Type: application/json"
);
$ch = curl_init($baseUrl.$path);
curl_setopt($ch, CURLOPT_HTTPHEADER, $headers);
curl_setopt($ch, CURLOPT_CUSTOMREQUEST, "POST");
curl_setopt($ch, CURLOPT_POSTFIELDS, json_encode($data));
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
$rawResponse = curl_exec($ch);
curl_close($ch);
?>
```

Response (Success / HTTP 200 OK)

```
{
  "_links":{
    "self":{
      "href":"/v4/parcels/12345670007358"
    },
    "receiver":{
      "href":"/v4/customers/receiver@example.com"
    },
    "sender":{
      "href":"/v4/customers/sender@example.com"
    },
    "sticker":{
      "href":"/v4/parcels/12345670007358/sticker"
    },
    "target_machine":{
      "href":"/v4/machines/UKMIL10111"
    }
  },
  "id":"12345670007358",
  "created_at":"2016-05-06T07:45:16.818+01:00",
  "status":"created",
  "status_updated_at":null,
}
```

```

"additional1":null,
"additional2":null,
"avizo_time":2880,
"cod_amount":"0.0",
"customer_reference":null,
"expiration_time":1440,
"insurance_amount":null,
"letter_type":null,
"pickup_expiration_time":null,
"primary_parcel_id":null,
"receiver":{
},
"receiver_phone":"7142220111",
"receiver_email":"receiver@example.com",
"return_address":{
},
"sender_address":{
  "building_no":"651",
  "city":"Birmingham",
  "company_name":null,
  "email":"sender@example.com",
  "first_name":"Sender",
  "flat_no":null,
  "last_name":"Send",
  "phone":"7000000000",
  "post_code":"MK14 6GD",
  "province":null,
  "street":"Holloway Head"
},
"sender_email":"sender@example.com",
"sender_phone":"7000000000",
"service":"STANDARD",
"size":"A",
"skip_pickup_point":false,
"source_machine_id":null,
"target_machine_id":"UKMIL10111",
"calculated_amount":"0.0",
"charged_amount":"0.0",
"dropoff_code":"0"
}

```

Pay for Parcel

Executing the pay service by sending an empty POST request to the parcels resource with a particular parcel identifier, will result in paying for the parcel. This action is possible to be taken on the parcels which are in the created status only.

Request

```
POST /v4/parcels/:parcel_id/pay
```

Request (cURL)

```
curl https://api-uk.easypack24.net/v4/parcels/PUT_PARCEL_ID_HERE/pay -X POST -H "Authorization: Bearer your_token"
```

Request (PHP)



```

<?php
$token = 'PUT YOUR ACCESS TOKEN HERE';
$parcelId = 'PUT PARCEL ID HERE';
$baseUrl = 'https://api-uk.easypack24.net/v4';
$path = '/parcels/'.$parcelId.'/pay';
$headers = array(
    'Authorization: Bearer '.$token
);
$ch = curl_init($baseUrl.$path);
curl_setopt($ch, CURLOPT_HTTPHEADER, $headers);
curl_setopt($ch, CURLOPT_CUSTOMREQUEST, "POST");
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
$rawResponse = curl_exec($ch);
curl_close($ch);
?>

```

Response (Success / HTTP 200 OK)

```

{
  "_links":{
    "self":{
      "href":"/v4/parcels/12345670007358"
    },
    "receiver":{
      "href":"/v4/customers/receiver@example.com"
    },
    "sender":{
      "href":"/v4/customers/sender@example.com"
    },
    "sticker":{
      "href":"/v4/parcels/12345670007358/sticker"
    },
    "target_machine":{
      "href":"/v4/machines/UKMIL10111"
    }
  },
  "id":"12345670007358",
  "created_at":"2016-05-06T07:45:16.818+01:00",
  "status":"prepared",
  "status_updated_at":null,
  "additional1":null,
  "additional2":null,
  "avizo_time":2880,
  "cod_amount":"0.0",
  "customer_reference":"New customer reference",
  "expiration_time":1440,
  "insurance_amount":null,
  "letter_type":null,
  "pickup_expiration_time":null,
  "primary_parcel_id":null,
  "receiver":{
  },
  "receiver_phone":"7142220111",
  "receiver_email":"receiver@example.com",
  "return_address":{
  },
}

```

```

"sender_address":{
  "building_no":"651",
  "city":"Birmingham",
  "company_name":null,
  "email":"sender@example.com",
  "first_name":"Sender",
  "flat_no":null,
  "last_name":"Send",
  "phone":"7000000000",
  "post_code":"MK14 6GD",
  "province":null,
  "street":"Holloway Head"
},
"sender_email":"sender@example.com",
"sender_phone":"7000000000",
"service":"STANDARD",
"size":"B",
"skip_pickup_point":false,
"source_machine_id":null,
"target_machine_id":"UKMIL10111",
"calculated_amount":"0.0",
"charged_amount":"0.0",
"dropoff_code":"0"
}

```

Response (Parcel Not Found / HTTP 404 Not Found)

```

{
  "status_code":404,
  "error_code":"parcel_not_found",
  "message":"Parcel '631100111597406015500002' not found.",
  "errors":{
  }
}

```

Response (Parcel Not Found / HTTP 422 Unprocessable Entity)

```

{
  "status_code":422,
  "error_code":"parcel_invalid_status",
  "message":"Parcel '12345670007358' has got invalid status
('prepared').",
  "errors":{
  }
}

```

Cancel Parcel

Executing the cancel service by sending an empty POST request to the parcels resource with a parcel identifier given, will result in cancelling the parcel; it will not be processed anymore. This action is possible on the parcels which are in the created status only.

Request

```
POST /v4/parcels/:parcel_id/cancel
```

Request (cURL)

```
curl https://api-uk.easypack24.net/v4/parcels/PUT_PARCEL_ID_HERE/cancel -X POST -H "Authorization: Bearer your_token"
```

Request (PHP)

```
<?php
$token = 'PUT YOUR ACCESS TOKEN HERE';
$parcelId = 'PUT YOUR PARCEL ID HERE';
$baseUrl = 'https://api-uk.easypack24.net/v4';
$path = '/parcels/'.$parcelId.'/cancel';
$headers = array(
    'Authorization: Bearer '.$token
);
$ch = curl_init($baseUrl.$path);
curl_setopt($ch, CURLOPT_HTTPHEADER, $headers);
curl_setopt($ch, CURLOPT_CUSTOMREQUEST, "POST");
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
$rawResponse = curl_exec($ch);
curl_close($ch);
?>
```

Response (Success / HTTP 200 OK)

```
{
  "_links":{
    "self":{
      "href":"/v4/parcels/12345670007358"
    },
    "receiver":{
      "href":"/v4/customers/receiver@example.com"
    },
    "sender":{
      "href":"/v4/customers/sender@example.com"
    },
    "sticker":{
      "href":"/v4/parcels/12345670007358/sticker"
    },
    "target_machine":{
      "href":"/v4/machines/UKMIL10111"
    }
  },
  "id":"12345670007358",
  "created_at":"2016-05-06T07:45:16.818+01:00",
  "status":"cancelled",
  "status_updated_at":null,
  "additional1":null,
  "additional2":null,
  "avizo_time":2880,
  "cod_amount":"0.0",
  "customer_reference":"New customer reference",
  "expiration_time":1440,
  "insurance_amount":null,
  "letter_type":null,
  "pickup_expiration_time":null,
  "primary_parcel_id":null,
  "receiver":{
  },
  "receiver_phone":"7142220111",
```

```

"receiver_email": "receiver@example.com",
"return_address": {
},
"sender_address": {
  "building_no": "651",
  "city": "Birmingham",
  "company_name": null,
  "email": "sender@example.com",
  "first_name": "Sender",
  "flat_no": null,
  "last_name": "Send",
  "phone": "7000000000",
  "post_code": "MK14 6GD",
  "province": null,
  "street": "Holloway Head"
},
"sender_email": "sender@example.com",
"sender_phone": "7000000000",
"service": "STANDARD",
"size": "B",
"skip_pickup_point": false,
"source_machine_id": null,
"target_machine_id": "UKMIL10111",
"calculated_amount": "0.0",
"charged_amount": "0.0",
"dropoff_code": "0"
}

```

Response (Parcel Not Found / HTTP 404 Not Found)

```

{
  "status_code": 404,
  "error_code": "parcel_not_found",
  "message": "Parcel '12345670007358' not found.",
  "errors": {
  }
}

```

Response (Parcel Not Found / HTTP 422 Unprocessable Entity)

```

{
  "status_code": 422,
  "error_code": "parcel_invalid_status",
  "message": "Parcel '12345670007358' has already been cancelled",
  "errors": {
  }
}

```

Update Parcel

As long, as the parcel is in the required status (more info below), it is possible to update the parcel attributes (size or customer_reference). The information given to this field via the PUT request method will be shown on a standard InPost label.

Updating of parcel size is possible for parcels in the created or prepared status (i.e. provided that the parcel has not been paid). It is possible to update the parcel customer reference during any status.

Request Parameters

Parameter	Mandatory	Type	Description
customer_reference	No	String	The reference of the parcel, up to 255 characters
size	No	String	The size of the parcel: A, B or C

Request

PUT (PATCH) /v4/parcels/:id

Request (cURL)

```
curl https://api-uk.easypack24.net/v4/parcels/PUT_PARCEL_ID_HERE -d '{"customer_reference":"New customer reference","size":"B"}' -X PUT -H "Content-Type: application/json" -H "Authorization: Bearer your_token"
```

Request (PHP)

```
<?php
$parcelId = 'PUT PARCEL ID HERE';
$token = 'PUT YOUR ACCESS TOKEN HERE';
$data = array(
    'customer_reference' => 'New customer reference',
    'size' => 'B'
);
$baseUrl = 'https://api-uk.easypack24.net/v4';
$path = '/parcels/'.$parcelId;
$headers = array(
    'Authorization: Bearer '.$token,
    'Content-Type: application/json'
);
$ch = curl_init($baseUrl.$path);
curl_setopt($ch, CURLOPT_HTTPHEADER, $headers);
curl_setopt($ch, CURLOPT_CUSTOMREQUEST, "PUT");
curl_setopt($ch, CURLOPT_POSTFIELDS, json_encode($data));
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
$rawResponse = curl_exec($ch);
curl_close($ch);
?>
```

Response (Success / HTTP 200 OK)

```
{
  "_links":{
    "self":{
      "href":"/v4/parcels/12345670007358"
    },
    "receiver":{
      "href":"/v4/customers/receiver@example.com"
    },
    "sender":{
      "href":"/v4/customers/sender@example.com"
    },
    "sticker":{
      "href":"/v4/parcels/12345670007358/sticker"
    },
    "target_machine":{
      "href":"/v4/machines/UKMIL10111"
    }
  },
}
```

```

"id":"12345670007358",
"created_at":"2016-05-06T07:45:16.818+01:00",
"status":"created",
"status_updated_at":null,
"additional1":null,
"additional2":null,
"avizo_time":2880,
"cod_amount":"0.0",
"customer_reference":"New customer reference",
"expiration_time":1440,
"insurance_amount":null,
"letter_type":null,
"pickup_expiration_time":null,
"primary_parcel_id":null,
"receiver":{
},
"receiver_phone":"7142220111",
"receiver_email":"receiver@example.com",
"return_address":{
},
"sender_address":{
  "building_no":"65I",
  "city":"Birmingham",
  "company_name":null,
  "email":"sender@example.com",
  "first_name":"Sender",
  "flat_no":null,
  "last_name":"Send",
  "phone":"7000000000",
  "post_code":"MK14 6GD",
  "province":null,
  "street":"Holloway Head"
},
"sender_email":"sender@example.com",
"sender_phone":"7000000000",
"service":"STANDARD",
"size":"B",
"skip_pickup_point":false,
"source_machine_id":null,
"target_machine_id":"UKMIL10111",
"calculated_amount":"0.0",
"charged_amount":"0.0",
"dropoff_code":"0"
}

```

Response (Validation Errors / HTTP 422 Unprocessable Entity)

For example where some data submitted within the request cannot be accepted.

```

{
  "status_code":422,
  "error_code":"validation_failed",
  "message":"There are some validation errors",
  "errors":{
    "size":[
      "invalid"
    ],
  },
}

```

```
"customer_reference":[
  "too_many_characters"
]
}
```

Response (Validation Errors / HTTP 422 Unprocessable Entity)

For example where the parcel is currently in a status where the parcel data cannot be changed.

```
{
  "status_code":422,
  "error_code":"parcel_invalid_status",
  "message":"Parcel '12345670007358' has got invalid status ('delivered_to_agency').",
  "errors":{
  }
}
```

Response (Validation Errors / HTTP 404 Not Found)

```
{
  "status_code":404,
  "error_code":"parcel_not_found",
  "message":"Parcel '12345670007358' not found.",
  "errors":{
  }
}
```

Customers

Customer Data

A GET request method sent to the customers resource with a particular user's identifier will return the detailed data regarding the customer. It returns different data set depending on the user's access token scope. It is only possible to gain profile data for the customer to which the access token is assigned.

Request

```
GET /v4/customers/:id
```

Request (cURL)

```
curl https://api-uk.easypack24.net/v4/customers/PUT_YOUR_EMAIL_HERE -X GET -H "Authorization: Bearer PUT_YOU_ACCESS_TOKEN_HERE"
```

Request (PHP)

```
<?php
$customerEmail = 'PUT YOUR EMAIL HERE';
$token = 'PUT YOUR ACCESS TOKEN HERE';
$baseUrl = 'https://api-uk.easypack24.net/v4';
$path = '/customers/'.$customerEmail;
$headers = array(
    'Authorization: Bearer '.$token
);
$ch = curl_init($baseUrl.$path);
curl_setopt($ch, CURLOPT_HTTPHEADER, $headers);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
$rawResponse = curl_exec($ch);
curl_close($ch);
?>
```

Response (Success / HTTP 200 OK)

```
{
  "_links":{
    "self":{
      "href":"/v4/customers/sender@example.com"
    },
    "default_machine":{
      "href":"/v4/machines/UK-19"
    }
  },
  "account_balance":"0.0",
  "company_name":"John Smith company",
  "debit_limit":"10.0",
  "default_machine_id":"UK-19",
  "email":"sender@example.com",
  "first_name":"John Smith",
  "iban":null,
  "last_name":null,
  "nip":null,
  "phone":"7000000000",
  "reverse_return_allowed":true,
  "address":{
```

```
"building_no":"65I",
"city":"Birmingham",
"company_name":null,
"email":"sender@example.com",
"first_name":"Sender",
"flat_no":null,
"last_name":"Send",
"phone":"7000000000",
"post_code":"MK14 6GD",
"province":null,
"street":"Holloway Head"
},
"invoice":{
}
}
```

Response (Error / HTTP 404 Not Found)

```
{
  "status_code":404,
  "error_code":"customer_not_found",
  "message":"No customer with email: customer@example.com",
  "errors":{
  }
}
```

Returns (Locker to Address)

Customer Returns

A GET request method sent to the returns resource with a particular customer will return the customers returns.

Request

```
GET /v4/customers/:customer_id/returns
```

Request (cURL)

```
curl https://api-uk.easypack24.net/v4/customers/PUT YOUR EMAIL HERE/returns -X GET -H "Authorization: Bearer your_access_token"
```

Request (PHP)

```
<?php
$customerEmail = 'PUT YOUR EMAIL HERE';
$token = 'PUT YOUR ACCESS TOKEN HERE';
$baseUrl = 'https://api-uk.easypack24.net/v4';
$path = '/customers/'.$customerEmail.'/returns';
$headers = array(
    "Authorization: Bearer $token"
);
$ch = curl_init($baseUrl.$path);
curl_setopt($ch, CURLOPT_HTTPHEADER, $headers);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
$rawResponse = curl_exec($ch);
curl_close($ch);
?>
```

Response (Success / HTTP 200 OK)

```
{
  "_links":{
    "previous":{
      "href":null
    },
    "self":{
      "href":"/v4/customers/js@example.com/returns?page=1&per_page=30"
    },
    "next":{
      "href":null
    }
  },
  "count":1,
  "page":1,
  "per_page":30,
  "_embedded":{
    "returns":[
      {
        "_links":{
          "self":{
            "href":"/v4/returns/8382528141"
          },
          "sender":{
            "href":"/v4/customers/sender@example.com"
          }
        }
      }
    ]
  }
}
```

```

    },
    "sticker":{
      "href":"/v4/returns/8382528141/sticker"
    }
  },
  "_embedded":{
    "parcel":{
      "_links":{
        "self":{
          "href":null
        }
      },
      "id":null,
      "created_at":null,
      "status":null,
      "status_updated_at":null
    },
    "return_parcel":{
      "_links":{
        "self":{
          "href":"/v4/parcels/12345670007361"
        }
      },
      "id":"12345670007361",
      "status":"Created",
      "status_updated_at":null
    }
  },
  "id":"8382528141",
  "code":{
    "value":"8382528141",
    "is_active":true,
    "created_at":"2016-05-10T07:54:48.108+01:00",
    "expires_at":"2018-05-10T07:54:48.110+01:00",
    "used_at":null
  },
  "sticker_attached":false,
  "description1":null,
  "description2":null,
  "description3":null,
  "rma":null,
  "sender_email":"sender@inpost.com",
  "sender_phone":"7000000001",
  "target_address":{
    "building_no":"65I",
    "city":"Birmingham",
    "company_name":"Sender company",
    "email":"ab@example.com",
    "first_name":"Ann Bird",
    "flat_no":null,
    "last_name":null,
    "phone":"7000000000",
    "post_code":"MK14 6GD",
    "province":null,
    "street":"Holloway Head"
  }
}
]

```

```
}
}
```

Response (Error / HTTP 422 Unprocessable Entity)

```
{
  "status_code":422,
  "error_code":"validation_failed",
  "message":"There are some validation errors",
  "errors":{
    "is_used":[
      "invalid"
    ],
    "created_after":[
      "invalid"
    ]
  }
}
```

Return Data

A GET request sent to this request containing a return parcel ID will return the data relating to the parcel.

Request

```
GET /v4/returns/:return_id
```

Request (cURL)

```
curl https://api-uk.easypack24.net/v4/returns/[PUT RETURN_ID HERE] -X GET -H "Authorization: Bearer your_access_token"
```

Request (PHP)

```
<?php
$returnId = 'PUT RETURN_ID HERE';
$token = 'PUT YOUR ACCESS TOKEN HERE';
$baseUrl = 'https://api-uk.easypack24.net/v4';
$path = '/returns/'.$returnId;
$headers = array(
  'Authorization: Bearer '.$token
);
$ch = curl_init($baseUrl.$path);
curl_setopt($ch, CURLOPT_HTTPHEADER, $headers);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
$rawResponse = curl_exec($ch);
curl_close($ch);
?>
```

Response (Success / HTTP 200 OK)

```
{
  "_links":{
    "self":{
      "href":"/v4/returns/8382528141"
    },
    "sender":{
      "href":"/v4/customers/sender@example.com"
    },
    "sticker":{
```



```

    "href":"/v4/returns/8382528141/sticker"
  }
},
"_embedded":{
  "parcel":{
    "_links":{
      "self":{
        "href":null
      }
    },
    "id":null,
    "created_at":null,
    "status":null,
    "status_updated_at":null
  },
  "return_parcel":{
    "_links":{
      "self":{
        "href":"/v4/parcels/12345670007361"
      }
    },
    "id":"12345670007361",
    "status":"Created",
    "status_updated_at":null
  }
},
"id":"8382528141",
"code":{
  "value":"8382528141",
  "is_active":true,
  "created_at":"2016-05-10T07:54:48.108+01:00",
  "expires_at":"2018-05-10T07:54:48.110+01:00",
  "used_at":null
},
"sticker_attached":false,
"description1":null,
"description2":null,
"description3":null,
"rma":null,
"sender_email":"sender@inpost.com",
"sender_phone":"7000000001",
"target_address":{
  "building_no":"65I",
  "city":"Birmingham",
  "company_name":"AB company",
  "email":"ab@example.com",
  "first_name":"Ann Bird",
  "flat_no":null,
  "last_name":null,
  "phone":"7000000000",
  "post_code":"MK14 6GD",
  "province":null,
  "street":"Holloway Head"
}
}
}

```

Response (Error / HTTP 404 Not Found)

```
{
```

```
{
  "status_code":404,
  "error_code":"return_not_found",
  "message":"Return '12345670007361' not found.",
  "errors":{
  }
}
```

Retrieving Return Label

Executing the return label service by sending an empty GET request to the return resource with a return identifier given, will result in generating and returning a PDF structure of a parcel label.

Request

```
GET /v4/returns/:return_id/sticker
```

Request (cURL)

```
curl https://api-uk.easypack24.net/v4/returns/sticker PUT RETURN_ID HERE -X GET -H "Authorization: Bearer your_access_token"
```

Request (PHP)

```
<?php
$returnId = 'PUT RETURN_ID HERE';
$token = 'PUT YOUR ACCESS TOKEN HERE';
$baseUrl = 'https://api-uk.easypack24.net';
$path = '/v4/returns/'.$returnId.'/sticker';
$headers = array(
  'Authorization: Bearer '.$token
);
$ch = curl_init($baseUrl.$path);
curl_setopt($ch, CURLOPT_HTTPHEADER, $headers);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
$rawResponse = curl_exec($ch);
$filename = 'sticker.pdf';
file_put_contents("./".$filename, base64_decode($rawResponse));
curl_close($ch);
?>
```

Response (Success / HTTP 200 OK)

The BASE64-Encoded PDF label will be returned.

Response (Error / HTTP 404 Not Found)

```
{
  "status_code":404,
  "error_code":"complaint_not_found",
  "message":"Return '12345' not found.",
  "errors":{
  }
}
```

Response (Error Return Expired / HTTP 422 Unprocessable Entity)

```
{
  "status_code":422,
  "error_code":"reverse_return_code_expired",
  "message":"Return code '12345' has expired",
  "errors":{
  }
}
```

}

Response (Error Return Not Active / HTTP 422 Unprocessable Entity)

```
{
  "status_code": 422,
  "error_code": "reverse_return_code_not_active",
  "message": "Return code '12345' is not active",
  "errors": {}
}
```

Creating Return

A POST request method sent to the returns resource with a particular customer identifier given will result in creating a new return object in the InPost System. The return parcel's data should be passed as a JSON array formatted string with a "Content-Type: application/json" header option enabled.

Request Parameters

Parameter	Mandatory	Type	Description
attach_sticker	No	Boolean	Set to 'True' if return label is required.
code	Yes	Code Object	See table below (Parameters of Code Object)
description1	No	String	Return Description, up to 255 characters
description2	No	String	Return Description field 2, up to 255 characters
description3	No	String	Return Description field 2, up to 255 characters
parcel	No	Return Parcel Object	See table below (Parameters of Parcel Object)
primary_parcel_id	No	String	Required if receiver_from_primary_parcel is set to 'true'.
receiver_from_primary_parcel	No	Boolean	If 'true' then the return will be delivered to the parcel sender, as defined within the primary_parcel_id parameter.
rma	No	String	Unique RMA code. This will be populated within the 'Customer Ref' field on the resultant label.
sender_email	Yes	String	Must contain a valid email address
sender_phone	Yes	Numeric	Last 10 digits of a valid UK mobile phone number, starting with '7'
target_address	No	Target Address Object	See table below (Parameters of Target Address Object)

Parameters of Code Object

Parameter	Mandatory	Type	Description
expires_at	Yes	Date/Time	Return parcel expiration date. This is validated by the rule: the beginning of the next day < value of expires_at < two years ahead.

Parameters of Return Parcel Object

Parameter	Mandatory	Type	Description
Size	Yes	String	Return parcel size: A, B or C

Parameters of Target Address Object

Parameter	Mandatory	Type	Description
building_no	Yes	String	Building number, up to 10 characters
city	Yes	String	City, up to 100 characters
company_name	Yes*	String	Name of the company, up to 100 characters *Mandatory where first_name and last_name not provided
first_name	Yes*	String	Sender's first name, up to 100 characters *Mandatory where company_name not provided
email	No	String	Valid sender's email address
flat_no	No	String	Flat number, up to 10 characters
last_name	Yes*	String	Sender's last name, up to 100 characters *Mandatory where company_name not provided
phone	No	String	The last 10 digits of a valid UK mobile number, starting with '7'
post_code	Yes	String	A valid postcode
province	No	String	Province, up to 100 characters
street	Yes	String	Street, up to 100 characters

Request

POST /v4/customers/:customer_id/returns

Request (cURL)

```
curl https://api-uk.easypack24.net/v4/customers/YOUR_EMAIL/returns -X POST -d
'{"sender_phone":"7000000011","sender_email":"sender@inpost.com","parcel":{"size":"A"}}' -H "Content-Type:
application/json" -H "Authorization: Bearer YOUR_TOKEN"
```

Request (PHP)

```
<?php
$email = 'PUT YOUR EMAIL HERE';
$token = 'PUT YOUR ACCESS TOKEN HERE';
$url = 'https://api-uk.easypack24.net/v4/customers/'.$email.'/returns';
$headers = array(
    'Authorization: Bearer '.$token,
    'Content-Type: application/json'
);
$bodyData = array(
    'sender_phone' => '7000000011',
    'sender_email' => 'sender@inpost.com',
    'parcel' => array(
        'size' => 'A'
    )
);
$body = json_encode($bodyData);
$ch = curl_init($url);
curl_setopt($ch, CURLOPT_HTTPHEADER, $headers);
curl_setopt($ch, CURLOPT_CUSTOMREQUEST, 'POST');
curl_setopt($ch, CURLOPT_POSTFIELDS, $body);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
$rawResponse = curl_exec($ch);
curl_close($ch);
?>
```

Response (Success / HTTP 201 Created)

```
{
  "_links":{
    "self":{
      "href":"/v4/returns/8382528141"
    },
    "sender":{
      "href":"/v4/customers/sender@example.com"
    },
    "sticker":{
      "href":"/v4/returns/8382528141/sticker"
    }
  },
  "_embedded":{
    "parcel":{
      "_links":{
        "self":{
          "href":null
        }
      },
      "id":null,
      "created_at":null,
      "status":null,
      "status_updated_at":null
    },
    "return_parcel":{
      "_links":{
        "self":{
          "href":"/v4/parcels/12345670007361"
        }
      },
      "id":"12345670007361",
      "status":"Created",
      "status_updated_at":null
    }
  },
  "id":"8382528141",
  "code":{
    "value":"8382528141",
    "is_active":true,
    "created_at":"2016-05-10T07:54:48.108+01:00",
    "expires_at":"2018-05-10T07:54:48.110+01:00",
    "used_at":null
  },
  "sticker_attached":false,
  "description1":null,
  "description2":null,
  "description3":null,
  "rma":null,
  "sender_email":"sender@example.com",
  "sender_phone":"7000000001",
  "target_address":{
    "building_no":"65I",
    "city":"Birmingham",
    "company_name":"John Smith company",
    "email":"js@example.com",
    "first_name":"John Smith",

```

```

    "flat_no":null,
    "last_name":null,
    "phone":"7000000000",
    "post_code":"MK14 6GD",
    "province":null,
    "street":"Holloway Head"
  }
}

```

Response (Error Validation / HTTP 422 Unprocessable Entity)

```

{
  "status_code":422,
  "error_code":"validation_failed",
  "message":"There are some validation errors",
  "errors":{
    "parcel":[
      "required"
    ],
    "sender_email":[
      "required",
      "not_an_email"
    ],
    "sender_phone":[
      "required",
      "invalid"
    ]
  }
}

```

Response (Error Insufficient Privileges / HTTP 422 Unprocessable Entity)

```

{
  "status_code":422,
  "error_code":"returns_disabled_for_customer",
  "message":"Operator operator@inpost.com does not have permission for reverse return",
  "errors":{
  }
}

```

Response (Error Return Already Created / HTTP 422 Unprocessable Entity)

```

{
  "status_code":422,
  "error_code":"complaint_already_exists",
  "message":"Reverse return code 1357924680 is already created for parcel 56473829101029384756",
  "errors":{
  }
}

```