

DHL HomeDeliveryLocator API

Used by products:

- DHL Home Delivery
- DHL Home Delivery Return

This API is used to get information about additional services for the product “DHL Home Delivery”. What services are available is connected to the recipients postal code and in some cases also the paying account number.

This API will also return the product code to be used, which depends on whether the delivery is made via DHL operated terminal (401/402) or external terminal (501/502)

getadditionalservices: The response will list all additional services that are available for the provided account number, delivery postal code and city.

- [Example request & response](#)

validateadditionalservices: It is mandatory to use this service for Home Delivery shipments. The response will include the product code to use in the other APIs, e.g. TransportInstruction and Print. For product 501 it also includes address information to use in party “accessPoint”.

Code 401 (return product 402) is for shipments with distribution from a DHL operated terminal, and this generally applies when no Home Delivery specific additional services are chosen.

Code 501 (return product 502) is for shipments with distribution from an externally operated terminal, and this generally applies when Home Delivery specific additional services are chosen (e.g. weekend delivery, installation, packaging removal etc.).

The party information in the response (for product 501) shows the external distribution terminal and should be used as “accessPoint” in any other requests (e.g. TransportInstruction and Print).

- [Example request & response \(401\)](#)
- [Example request & response \(501\)](#)
- [Example used in TransportInstruction API for product 401](#)
- [Example used in TransportInstruction API for product 402](#)
- [Example used in TransportInstruction API for product 501](#)
- [Example used in TransportInstruction API for product 502](#)

Additional label for DHL Home Delivery Return

For DHL Home Delivery Return (402/502) an additional label should be printed. This label is used for information to customer concerning how to handle return packages. It also serves as a receipt for the customer.

It is mandatory to print this label and provide to the person who is intended to send the return shipment. There is a slight difference in the layout and content of the labels depending on product, i.e. there are separate labels for products 402 and 502.

- [Example return label 402/501](#)

You retrieve the return label by setting "returnLabel": true in the Print API request.

```
..  
  "options": {  
...  
    "returnLabel": true,  
    "pageOptions": {  
...  
    }
```

Example return label for product 402

DHL Home Delivery Return  Så här gör du när du skall skicka din vara i retur	
1. Emballera dina varor Emballaget ska vara av ett starkt och stöttåligt material som klarar normal godshantering, samlastning, automatsortering och lastsäkring. Väger varan över 35 kg ska du ställa och fästa den på pall/lastbärare. Tänk på att DHL inte tillhandahåller transportemballage.	
2. Fäst adresetiketterna på dina varor Fäst adresetiketterna så att den är väl synlig och inte ligger vikt över en kant eller skymms av tejp, buntband eller liknande. En adresetikett per kolla. Nedan visas exempel på hur adresetiketterna ska sättas fast.	
	
	
3. Boka upphämtning När du har emballerat och fäst adresetiketter på dina varor, vänligen kontakta DHLs Kundservice på 0771 - 345 345 för att boka upphämtning.	
4. Förbered upphämtning Placera varorna så att de är lättillgängliga för föraren att hantera vid tidpunkten för upphämtningen	
5. Kvittens Be föraren kvittera denna lapp i samband med upphämtningen. Detta är ditt kvitto på att du lämnat från dig varorna.	
Sändningsnummer: 2903783062 Avsändare: Elin Eriksson Blockgatan 14 SE 66341 Karlstad	Antal kollar: 2 Vikt: 800 Volym: 1.2 Fim: 0 Ppl: 0
Bilnummer: _____ Datum & Förarens sign: _____	
Print By DHL API FARM	

Example return label for product 502

DHL Home Delivery Return  Så här gör du när du skall skicka din vara i retur	
1. Emballera dina varor Emballaget ska vara av ett starkt och stöttåligt material som klarar normal godshantering, samlastning, automatsortering och lastsäkring. Väger varan över 35 kg ska du ställa och fästa den på pall/lastbärare. Tänk på att DHL inte tillhandahåller transportemballage.	
2. Fäst adresetiketterna på dina varor Fäst adresetiketterna så att den är väl synlig och inte ligger vikt över en kant eller skymms av tejp, buntband eller liknande. En adresetikett per kolla. Nedan visas exempel på hur adresetiketterna ska sättas fast.	
	
	
3. Boka upphämtning DHL kommer att kontakta dig via telefon för att boka tid för upphämtning.	
4. Förbered upphämtning Placera varorna så att de är lättillgängliga för föraren att hantera vid tidpunkten för upphämtningen	
5. Kvittens Be föraren kvittera denna lapp i samband med upphämtningen. Detta är ditt kvitto på att du lämnat från dig varorna.	
Sändningsnummer: 2903783096 Avsändare: Elin Eriksson Blockgatan 14 SE 66341 Karlstad	Antal kollar: 2 Vikt: 800 Volym: 1.2 Fim: 0 Ppl: 0
Bilnummer: _____ Datum & Förarens sign: _____	
Print By DHL API FARM	

getadditional services – example request

```
{
  "agreementNo": "111111",
  "postalCode": "65341",
  "cityName": "Karlstad",
  "deliveryType": "Delivery"
}
```

getadditional services – example response

```
{
  "replyStatus": 0,
  "replyStatusDescription": "",
  "customerName": "DUMMY CUSTOMER AB",
  "replyText": "Data found",
  "additionalServices": [
    "insurance",
    "notification",
    "dangerousGoodsLimitedQuantity",
    "greenFreight",
    "deliveryMonitoringArrivedAtDhlTerminal",
    "deliveryMonitoringDelivered",
    "deliveryMonitoringOutForDelivery",
    "deliveryMonitoringPickup",
    "deliveryWithoutProofOfDelivery",
    "collectionAtTerminal",
    "carryingHelpToRoomOfChoice",
    "packagingRemoval",
    "eveningDeliveryZoneA",
    "removalOfReplacedGoods",
    "deliveryWithoutIdControl",
    "preAdvicePickup"
  ]
}
```

validateadditionalServices – example request

```
{
  "agreementNo": "111111",
  "postalCode": "65341",
  "cityName": "Karlstad",
  "deliveryType": "Delivery",
  "additionalServices": [
    "greenFreight"
  ]
}
```

validateadditionalServices – example response for product 401

```
{
  "customerName": "DUMMY COMPANY AB",
  "replyStatus": 0,
  "replyStatusDescription": "",
  "replyText": "Data found",
  "productCode": "401",
  "party": {
    "id": ""
  }
}
```

validateadditional services – example request

```
{
  "agreementNo": "111111",
  "postalCode": "65341",
  "cityName": "Karlstad",
  "deliveryType": "Delivery",
  "additionalServices": [
    "eveningDeliveryZoneA"
  ]
}
```

validateadditional services – example response for product 501

```
{
  "customerName": "DUMMY COMPANY AB",
  "replyStatus": 0,
  "replyStatusDescription": "",
  "replyText": "Data found",
  "productCode": "501",
  "party": {
    "id": "5107",
    "name": "KARLSTAD GODSTRAFIK HD",
    "address1": "REGNVINDSGATAN 8",
    "address2": "",
    "countryCode": "SE",
    "postalCode": "65221",
    "cityName": "KARLSTAD",
    "location": "65221KAR",
    "phone": "0703755760"
  }
}
```

TransportInstruction API – example request for product 401

```
{
  "id": "",
  "productCode": "401",
  "shippingDate": "2023-11-03",
  "pickupInstruction": null,
  "deliveryInstruction": null,
  "totalNumberOfPieces": 2,
  "totalWeight": 800,
  "totalVolume": 1.2,
  "totalLoadingMeters": null,
  "totalPalletPlaces": null,
  "references": [
    {
      "qualifier": "ABC",
      "value": "ABC12345678"
    }
  ],
  "payerCode": {
    "code": "1"
  },
  "parties": [
    {
      "id": "111111",
      "type": "Consignor",
      "vatEoriSocialSecurityNumber": "",
      "name": "Dummy Company AB",
      "contactName": "Elin",
      "references": [
        "ELIN123"
      ],
      "address": {
        "street": "Gustav III:s Boulevard",
        "streetNumber": "18",
        "additionalAddressInfo": "",
        "cityName": "Solna",
        "postalCode": "16972",
        "countryCode": "SE",
        "accessCode": ""
      },
      "phone": "+46701234567",
      "email": "shipping@dummycompany.se"
    },
    {
      "id": "",
      "type": "Consignee",
      "vatEoriSocialSecurityNumber": "",
      "name": "Elin Eriksson",
      "contactName": "Elin",
      "address": {
        "street": "Blockgatan",
```

```
    "streetNumber": "14",
    "additionalAddressInfo": "",
    "cityName": "Karlstad",
    "postalCode": "65341",
    "countryCode": "SE"
  },
  "phone": "+460709876543"
},
],
"pieces": [
  {
    "id": [],
    "goodsType": "Paperclips",
    "packageType": "CLL",
    "marksAndNumbers": "Green clips",
    "numberOfPieces": 2,
    "weight": 400,
    "volume": 0.6,
    "loadingMeters": null,
    "stackable": true
  }
],
"additionalServices": {
  "greenFreight": true
}
}
```


TransportInstruction API – example request for product 402

```
{
  "id": "",
  "productCode": "402",
  "shippingDate": "2023-11-03",
  "pickupInstruction": null,
  "deliveryInstruction": null,
  "totalNumberOfPieces": 2,
  "totalWeight": 800,
  "totalVolume": 1.2,
  "totalLoadingMeters": null,
  "totalPalletPlaces": null,
  "references": [
    {
      "qualifier": "ABC",
      "value": "ABC12345678"
    }
  ],
  "payerCode": {
    "code": "3"
  },
  "parties": [
    {
      "id": "111111",
      "type": "Consignee",
      "vatEoriSocialSecurityNumber": "",
      "name": "Dummy Company AB",
      "contactName": "Elin",
      "references": [
        "ELIN123"
      ],
      "address": {
        "street": "Gustav III:s Boulevard",
        "streetNumber": "18",
        "additionalAddressInfo": "",
        "cityName": "Solna",
        "postalCode": "16972",
        "countryCode": "SE",
        "accessCode": ""
      },
      "phone": "+46701234567",
      "email": "shipping@dummycompany.se"
    },
    {
      "id": "",
      "type": "Consignor",
      "vatEoriSocialSecurityNumber": "",
      "name": "Elin Eriksson",
      "contactName": "Elin",
      "address": {
        "street": "Blockgatan",
```

```
    "streetNumber": "14",
    "additionalAddressInfo": "",
    "cityName": "Karlstad",
    "postalCode": "65341",
    "countryCode": "SE"
  },
  "phone": "+460709876543"
},
],
"pieces": [
  {
    "id": [],
    "goodsType": "Paperclips",
    "packageType": "CLL",
    "marksAndNumbers": "Green clips",
    "numberOfPieces": 2,
    "weight": 400,
    "volume": 0.6,
    "loadingMeters": null,
    "stackable": true
  }
]
}
```

TransportInstruction API – example request for product 501

```
{
  "id": "",
  "productCode": "501",
  "shippingDate": "2023-11-03",
  "pickupInstruction": null,
  "deliveryInstruction": null,
  "totalNumberOfPieces": 2,
  "totalWeight": 800,
  "totalVolume": 1.2,
  "totalLoadingMeters": null,
  "totalPalletPlaces": null,
  "references": [
    {
      "qualifier": "ABC",
      "value": "ABC12345678"
    }
  ],
  "payerCode": {
    "code": "1"
  },
  "parties": [
    {
      "id": "111111",
      "type": "Consignor",
      "vatEoriSocialSecurityNumber": "",
      "name": "Dummy Company AB",
      "contactName": "Elin",
      "references": [
        "ELIN123"
      ],
      "address": {
        "street": "Gustav III:s Boulevard",
        "streetNumber": "18",
        "additionalAddressInfo": "",
        "cityName": "Solna",
        "postalCode": "16972",
        "countryCode": "SE",
        "accessCode": ""
      },
      "phone": "+46701234567",
      "email": "shipping@dummycompany.se"
    },
    {
      "id": "",
      "type": "Consignee",
      "vatEoriSocialSecurityNumber": "",
      "name": "Elin Eriksson",
      "contactName": "Elin",
      "address": {
        "street": "Blockgatan",
```

```

    "streetNumber": "14",
    "additionalAddressInfo": "",
    "cityName": "Karlstad",
    "postalCode": "65341",
    "countryCode": "SE"
  },
  "phone": "+460709876543"
},
{
  "id": "5107",
  "type": "AccessPoint",
  "name": "KARLSTAD GODSTRAFIK HD",
  "address": {
    "street": "Regnvindsgatan",
    "streetNumber": "8",
    "additionalAddressInfo": "",
    "cityName": "Karlstad",
    "postalCode": "65221",
    "countryCode": "SE"
  }
}
],
"pieces": [
  {
    "id": [],
    "goodsType": "Paperclips",
    "packageType": "CLL",
    "marksAndNumbers": "Green clips",
    "numberOfPieces": 2,
    "weight": 400,
    "volume": 0.6,
    "loadingMeters": null,
    "stackable": true
  }
],
"additionalServices": {
  "eveningDeliveryZoneA": true
}
}

```

TransportInstruction API – example request for product 502

```
{
  "id": "",
  "productCode": "502",
  "shippingDate": "2023-11-03",
  "pickupInstruction": null,
  "deliveryInstruction": null,
  "totalNumberOfPieces": 2,
  "totalWeight": 800,
  "totalVolume": 1.2,
  "totalLoadingMeters": null,
  "totalPalletPlaces": null,
  "references": [
    {
      "qualifier": "ABC",
      "value": "ABC12345678"
    }
  ],
  "payerCode": {
    "code": "3"
  },
  "parties": [
    {
      "id": "111111",
      "type": "Consignee",
      "vatEoriSocialSecurityNumber": "",
      "name": "Dummy Company AB",
      "contactName": "Elin",
      "references": [
        "ELIN123"
      ],
      "address": {
        "street": "Gustav III:s Boulevard",
        "streetNumber": "18",
        "additionalAddressInfo": "",
        "cityName": "Solna",
        "postalCode": "16972",
        "countryCode": "SE",
        "accessCode": ""
      },
      "phone": "+46701234567",
      "email": "shipping@dummycompany.se"
    },
    {
      "id": "",
      "type": "Consignor",
      "vatEoriSocialSecurityNumber": "",
      "name": "Elin Eriksson",
      "contactName": "Elin",
      "address": {
        "street": "Blockgatan",
```

```

    "streetNumber": "14",
    "additionalAddressInfo": "",
    "cityName": "Karlstad",
    "postalCode": "65341",
    "countryCode": "SE"
  },
  "phone": "+460709876543"
},
{
  "id": "5107",
  "type": "AccessPoint",
  "name": "KARLSTAD GODSTRAFIK HD",
  "address": {
    "street": "Regnvindsgatan",
    "streetNumber": "8",
    "additionalAddressInfo": "",
    "cityName": "Karlstad",
    "postalCode": "65221",
    "countryCode": "SE"
  }
}
],
"pieces": [
  {
    "id": [],
    "goodsType": "Paperclips",
    "packageType": "CLL",
    "marksAndNumbers": "Green clips",
    "numberOfPieces": 2,
    "weight": 400,
    "volume": 0.6,
    "loadingMeters": null,
    "stackable": true
  }
]
}

```