

# Push API: Vehicle Create

The OPS-COM Controller provides a simple JSON based API to integrate with. Clients use this API to directly feed vehicles into OPS-COM from other systems.

Make sure you set the HTTP Content-Type header to be application/json.

## Making API Requests

### Raw Request:

```
POST /api/OC_TOMA/v1/vehicles/push HTTP/1.1
Host: controller.operationscommander.io
Accept: application/json
Content-Type: application/json
Cache-Control: no-cache
```

```
{
  "apiToken": "YOUR-API-TOKEN",
  "plate": "PL8RDR",
  "plateType": "Motorcycle",
  "prov": "MA",
  "make": "8",
  "type": "3",
  "colour": "red",
  "year": "2011",
  "vin": "8GKS1AKC7FR518845"
}
```

### JavaScript Request:

```

var request = new XMLHttpRequest();

request.open( 'POST' , 'https://controller.operationscommander.io/api/OC_TOMA/v1/vehicles/push ');

request.setRequestHeader( 'Content-Type' , 'application/json' );
request.setRequestHeader( 'Accept' , 'application/json' );

request.onreadystatechange = function () {
  if ( this .readyState === 4) {
    console.log( 'Status:' , this .status);
    console.log( 'Headers:' , this .getAllResponseHeaders());
    console.log( 'Body:' , this .responseText);
  }
};

var body = {
  "apiToken" : "YOUR-API-TOKEN" ,
  "plate" : "PL8RDR" ,
  "plateType" : "Motorcycle" ,
  "prov" : "MA" ,
  "make" : "kia" ,
  "type" : "commercial" ,
  "colour" : "red" ,
  "year" : "2021" ,
  "vin" : "8GKS1AKC7FR518845"
}
request.send(JSON.stringify(body));

```

# Request Object Attributes

| Attribute   | Type   | Limits                                      | Possible Names | Description   |
|-------------|--------|---|----------------|---|
| apiToken    | String | 50-character alphanumeric including dashes. | apiToken       | <b>(Required)</b> Your supplied API Token.  |
| plate       | String | 50-character alphanumeric.                  | plate          | <b>(Required)</b> The license plate.  |
| plateTypeID | String | The ID of the VechiclePlateType record.     | plateTypeID    | <b>(One of plateTypeID or plateType is required)</b> Your supplied VehiclePlateType identifier. |
| plateType   | String | 50-character alphanumeric including dashes. | plateType      | <b>(One of plateTypeID or plateType is required)</b> The name of the plate type.                |

| Attribute | Type   | Limits                                     | Possible Names | Description   |
|-----------|--------|--|----------------|---|
| provID    | String | The ID of the state/province.              | provID         | <b>(One of provID or prov is required)</b><br>Your supplied state or province identifier.                                   |
| prov      | String | 50-character alphanumeric including dashes | prov           | <b>(One of provID or prov is required)</b><br>The full name of the state/province or the corresponding postal abbreviation. |
| makeID    | String | The ID of the vehicle make.                | makeID         | <i>(Optional) Your supplied vehicle make identifier.</i>  |
| make      | String | 50-character alphanumeric including dashes | make           | <i>(Optional) The name of the vehicle manufacturer.</i>   |
| typeID    | String | The ID of the vehicle type.                | typeID         | <i>(Optional) Your supplied vehicle type identifier.</i>  |
| type      | String | 50-character alphanumeric including dashes | type           | <i>(Optional) The name of the type of vehicle that you provided.</i>  |
| colourID  | String | The ID of the vehicle colour.              | colourID       | <i>(Optional) Your supplied vehicle colour identifier.</i>  |
| colour    | String | 50-character alphanumeric including dashes | colour         | <i>(Optional) The name of a colour that you have provided..</i>   |
| year      | String | 4 digit year.                              | year           | <i>(Optional) The model year.</i>   |
| vin       | String | 25-characters                              | vin            | <i>(Optional) The vehicle identification number.</i>  |

# Successful Response

The response will be a json object.

Content-Type: application/json

```
{
  "status" : "success" ,
  "vehicle_id_id" : "158" ,
  "warnings" : [ "The vehicle colour name was too long and has been truncated." ]
}
```

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