ServerPe App Solutions

Desi API to challenge your UI

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Mock API Documentation – Bike Specifications

Overview

This documentation describes the **Mock Bike Specifications API**, a simulated system designed to replicate real-world two-wheeler specification and discovery workflows.

> **Security Notice:** To access these APIs, you must obtain an **API key via subscription** from [ServerPe](#). Include the issued key in the request headers as `x-api-key` when calling the APIs via Postman or your application.

Brief about Mock Bike Specification APIs

The Mock Bike Specification API enables frontend developers to build bike listing, filtering, comparison, and detail pages without relying on live OEM or automotive data providers.
The API flow follows a structured data discovery pattern: **Brand → Model → Bike Type → Category → Variant → Specifications**, closely mimicking real-world automotive platforms.
Important: These APIs are intended strictly for **learning, UI development, demos, and testing**. No real manufacturer or production data is used.

Authentication

Header	Description
`x-api-key`	API key obtained via ServerPe subscription

Requests without a valid API key will return `401 Unauthorized`.

> **Note:** These APIs are designed to be consumed sequentially. Responses from earlier endpoints are required as inputs for subsequent endpoints to simulate real-world bike discovery workflows.

Endpoints

GET   Bike Makes

Fetches all available bike manufacturers.

This endpoint returns a list of all available bike manufacturers. It acts as the starting point for the bike specification discovery flow. Use the response JSON object to populate brand selection dropdowns or manufacturer filters in your UI.

```
https://api.serverpe.in/api/mockapis/serverpeuser/api/bikespecs/bike-makes
```

POST   Bike Models

Returns models for a selected bike manufacturer.

This endpoint retrieves all bike models associated with the selected manufacturer provided in the request body. It enables dynamic population of model lists based on the chosen brand, similar to real-world automotive selection workflows. Use the response JSON object to update model-level UI components.

```
https://api.serverpe.in/api/mockapis/serverpeuser/api/bikespecs/bike-models
```

```
{ "brand": "triumph" }
```

POST   Bike Type

This endpoint returns the available bike types or segments (such as sport, cruiser, commuter, etc.) for the selected brand and model. It helps narrow down the vehicle classification before moving to category or variant selection. Use the response JSON object to drive segment-based UI filtering.

Fetches available bike types for the selected brand and model.

```
https://api.serverpe.in/api/mockapis/serverpeuser/api/bikespecs/bike-type
```

POST   **Bike Category**

Returns categories for the selected bike type.
This endpoint provides the available bike categories based on the selected brand, model, and bike type. Categories typically represent trim levels or structural classifications and help refine the selection process further. Use the response JSON object to display category or variant groupings in your UI.

```
https://api.serverpe.in/api/mockapis/serverpeuser/api/bikespecs/bike-category
```

POST   **Bike List**

Lists available bike variants for the selected filters.
This endpoint returns a list of available bike variants based on the selected brand, model, bike type, and category. Each item in the response represents a specific bike configuration. Use this endpoint to build variant listing pages or selection screens before fetching detailed specifications.

```
https://api.serverpe.in/api/mockapis/serverpeuser/api/bikespecs/bike-list
```

POST   **Bike Specifications**

Fetches complete technical specifications for a selected bike.
This endpoint provides complete technical specifications for a selected bike using the unique bike identifier obtained from the previous endpoint. It returns detailed information such as engine specs, dimensions, performance data, and other technical attributes. Use the response JSON object to render detailed specification pages or comparison views in your UI.

```
https://api.serverpe.in/api/mockapis/serverpeuser/api/bikespecs/bike-specs
```

POST   **Search Bikes**

Search bikes using keywords with pagination support.
This endpoint allows searching for bikes using a keyword-based query with pagination support. It is useful for implementing global search functionality, auto-suggestions, or

filtered search experiences. Use the response JSON object to match and validate search result listings in your UI development.

```
https://api.serverpe.in/api/mockapis/serverpeuser/api/bikespecs/search-bikes
```

Feedback & Improvements

We continuously strive to improve the quality and usability of our mock APIs. Your feedback, suggestions, and improvement ideas are highly appreciated.

Support: support@serverpe.in

Feedback: feedback@serverpe.in