

HOW TO LOOK UP MULTIPLE FAINs ON USAspending USING API APPLICATION: POSTMAN

Agencies are encouraged to visit [USAspending.gov](https://www.usaspending.gov) to confirm the publication of all submitted records for Award display at the web site. Rather than looking up the FAINs one at a time, the following instructions allow the agency to look up thousands of records in one action.

Tools: Postman¹, Excel template², Notepad script³

Step 1 Gather and prepare the list of FAINs

Enter the FAINs into the first column of the [Multiple FAINs Prep](#) Excel File. The template is used to format the list with the commas for use in creating the script to be used for API look-up.

A	B	C	D	E	F
AM180100XXXXG146	"AM180100XXXXG146",	"AM180100XXXXG146",		Put FAIN in Column A	
15FMPPCO0079	"15FMPPCO0079",	"15FMPPCO0079",		Formula for Column B	=CONCATENATE("","",A1,"","",",")
AM190100XXXXG128	"AM190100XXXXG128",	"AM190100XXXXG128",		Copy/Paste Values to Column C	Remove comma from the last entry
AM190100XXXXG138	"AM190100XXXXG138",	"AM190100XXXXG138",			
16LFPPHI0012	"16LFPPHI0012",	"16LFPPHI0012",			
AM170100XXXXG141	"AM170100XXXXG141",	"AM170100XXXXG141",			

Step 2 Move list of FAINs from Column C above into the script

1. Copy data from Column C in Excel file and paste into the [Multiple FAINs Script](#) text file. See green highlight indicators for where the list should be placed within the script.
2. Remove the last blank row.

```
File Edit Format View Help
{
  "filters": {
    "award_ids": ["AM180100XXXXG146",
"15FMPPCO0079",
"AM190100XXXXG128",
"AM190100XXXXG138",
"16LFPPHI0012",
"AM170100XXXXG141"
]
  },
  "subawards": false,
  "sort": "Start Date",
  "order": "desc"
}
```

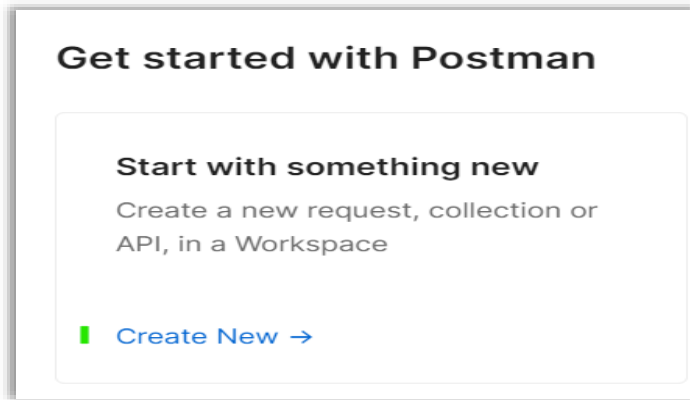
¹ One time download and account: [Postman | The Collaboration Platform for API Development at https://www.postman.com](https://www.postman.com)

² Template called "Multiple FAINs Prep" is provided as embedded attachment at end of this document

³ The script called "Multiple FAINs Script" is provided as embedded attachment at end of this document

Step 3 Open Postman application to begin process

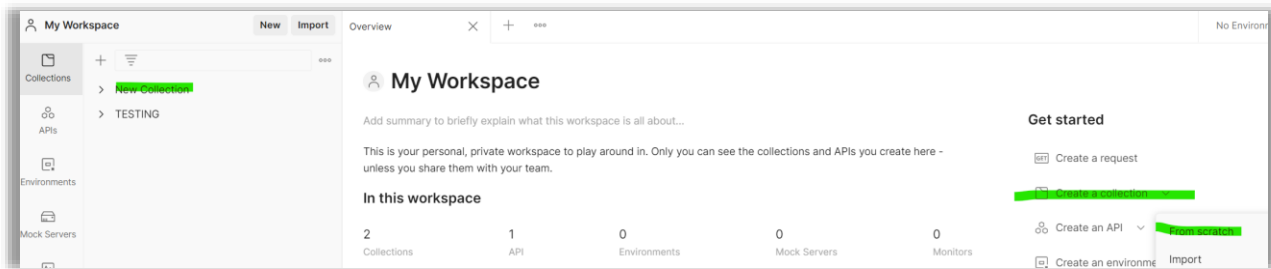
In the **Start with something new** box, click on “Create New”



Step 4 Go to My Workspace and Create a Collection

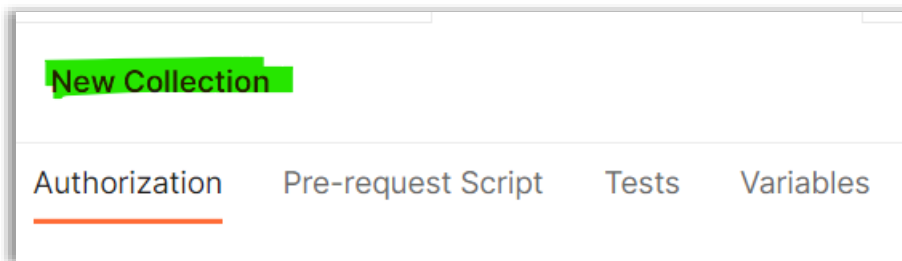
In the My Workspace section:

1. Click on **Collections**
2. On the right side, click on **Create a collection**, then select **'From scratch'** in the dropdown.
 - a. This will create the folder to save the script within Postman.
 - b. Look for **“New Collection”** on the left.



Step 5 Name your Collection

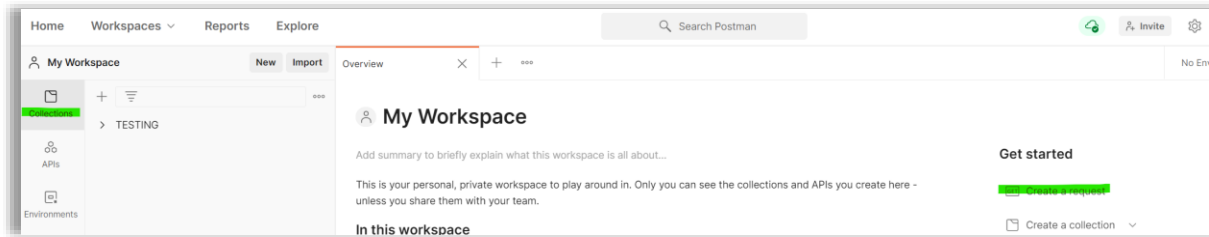
Click on **New Collection** to change the name. Click **Enter**



Step 6 Create a Request

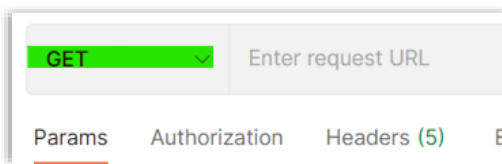
Click on **Create a request**

See green highlight



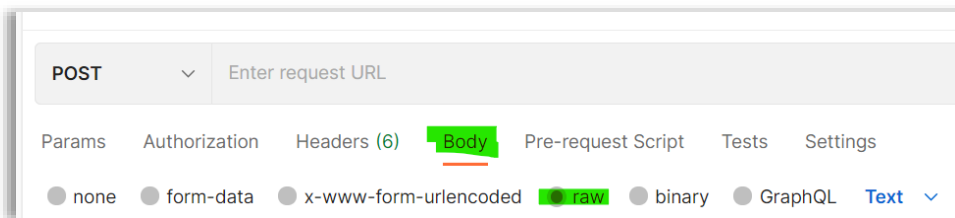
Step 7

Change **GET** to **POST**



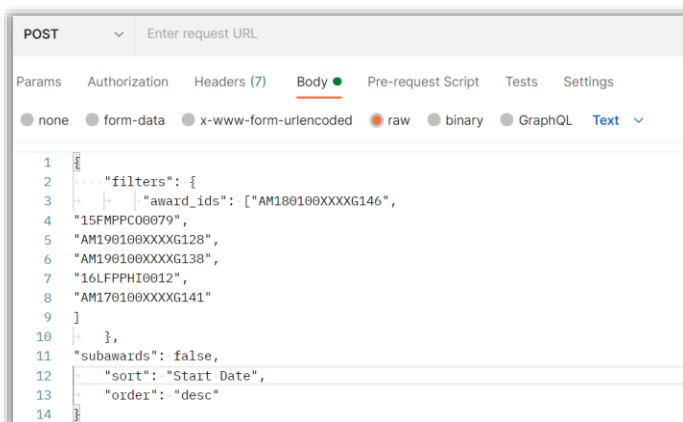
Step 8

- Click on Body and select 'raw'
- Click on Text and select JSON



Step 9

Paste the data from the text file into the Box



Step 10

Click Save to save this request and Save to the desired folder

SAVE REQUEST

Requests in Postman are saved in collections (a group of requests).
[Learn more about creating collections](#)

Request name
MRP Lookup FAINs

Request description (Optional)
Lookup multiple FAINs on USASpending.

Descriptions support [Markdown](#)

Select a collection or folder to save to:

Search for a collection or folder

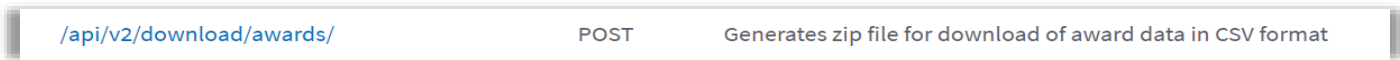
MRP + Create Folder

Cancel Save to MRP

Step 11

Go to USASpending:

1. Click on Download Center and select API
2. From the Getting Started section, click **list of available endpoints**
3. **From the Endpoint Index, select </api/v2/download/awards/>**



Step 12

Paste the URL, <https://api.usaspending.gov/api/v2/download/awards/> into Postman at the POST prompt and click the Send button



Step 13

Copy the file URL into a new session and click enter -

https://files.usaspending.gov/generated_downloads/PrimeAwardSummariesAndSubawards_2021-03-23_H14M33S17004176.zip

Save the file the desired location

Open the **Assistance_PrimeAwardSummaries_x** file to view the data.

A	B	
assistance_award_unique_key	award_id_fain	a
ASST_NON_AM170100XXXXG141_12K2	AM170100XXXXG141	
ASST_NON_16LFPPHI0012_12K2	16LFPPHI0012	