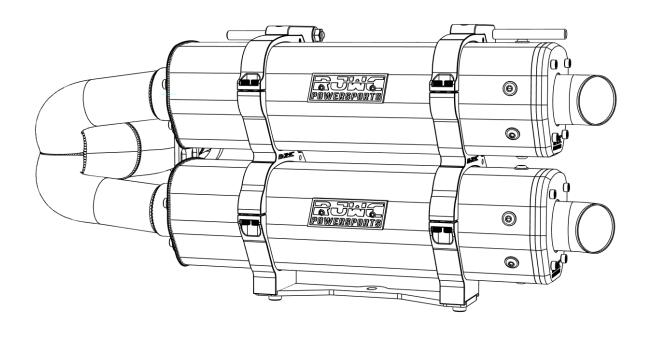


Segway Villain SX10 Dual APX Slipon



Installation Manual



Important Safety Information - Read Before Installation

WARNING: Before starting the installation of any ATV, UTV, or SXS aftermarket parts, it is important to prioritize safety. Make sure you are using suitable protective gear, this includes but is not limited to safety goggles, gloves and protective clothing.

Ensure your vehicle is on flat, stable ground. Installing parts on uneven or unstable surfaces can potentially lead to injury or damage to the vehicle. The vehicle should be turned off and cooled down before proceeding with the installation. Attempting to install parts on a running or hot vehicle can result in burns or other serious injuries.

After completing installation, it is important to inspect and check the tightness of any and all nuts, screws, and bolts. Failure to properly secure these fasteners can lead to component failure or detachment during riding, posing significant safety risks to both the rider and bystanders. The vehicle should be warmed up and subsequently cooled down to account for any thermal expansion or contraction effects that may affect the tightness of the fasteners.

It is crucial to inspect and tighten screws and bolts as necessary after initial rides, as vibrations and stresses during operation can cause fasteners to loosen over time.

It is important to pay close attention to the condition of the exhaust system and undertake the necessary measures to maintain optimal performance. Failure to properly maintain the exhaust system can result in reduced engine performance and potential safety hazards. Remember to repack exhausts as necessary to ensure efficient exhaust flow and minimize any potential restrictions that could adversely affect performance.

Prior to starting the installation process, it is important to thoroughly read all provided instructions to familiarize yourself with the installation procedures and any specific requirements or precautions. Failure to follow the instructions could result in improper installation or component failure.

Please check your local laws and regulations governing the use of aftermarket parts on your vehicle. Failure to comply with these regulations can result in legal repercussions, fines, or other penalties. Therefore, it is important to research and understand the applicable laws and regulations before installing aftermarket parts on your vehicle. Always ensure that any modifications made to your vehicle comply with local regulations.

Please check and read the full Warranty Information that can be found at: www.RJWC.se/warranty-information/

Need help? Got a question?

Get in touch at help@RJWCpowersports.com or your closest RJWC Powersports Dealer.

WARNING

Choking Hazard May Contain Small Parts. Keep away from children and pets.

Segway Villain SX10 Dual APX Slipon Hardware Kit

Parts Included:

3x Spring Washer M8

8x Washer M5

4x Washer 8.4

2x Cylinder Screw M8x20

1x Cylinder Screw M8x35

10 III El Colew Moxes

10x Hex Flange Screw M6x20

4x Cylinder Screw M5x10

8x Cylinder Screw M5x16

1x Hexagon Screw M8x60

3x Washer 8.4x35

2x Hexagon Screw M8x70

Parts Included:

1x Black Mounting Bracket

5x M8 Nut

1x Aluminum Spacer

2x Mounting Bracket

2x Mounting Rods

2x Gasket G2

1x Segway Lower Bracket

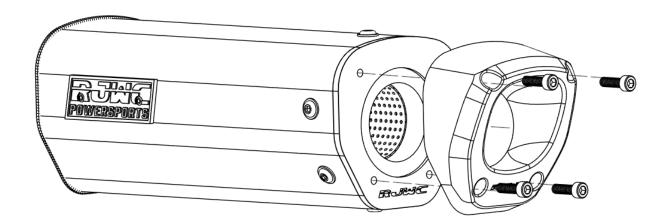
2x Rubber Bushings

Optional Parts:

2x APX Spark Arrestor

2x APX Shim Ring

Spark Arrestor & Shim Ring Installation

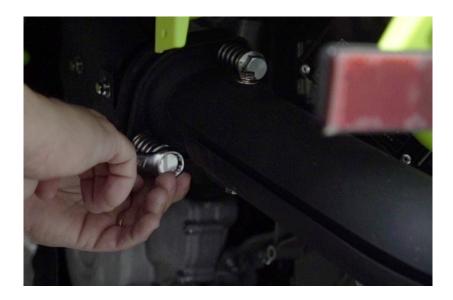


- The Spark Arrestor and Shim Ring do not come pre-installed, they can be found in the Hardware Kit
- To install the Spark Arrestor, start by removing the End Tip. Unscrew the four M6x20 Cylinder Screws in the End Tip to remove it
- You should see now see a small circular groove, in this groove you need to place the Shim Ring first, then the Spark Arrestor
- Now you just need to reinstall the End Tip by screwing back in the M6x20 Cylinder Screws

Important!

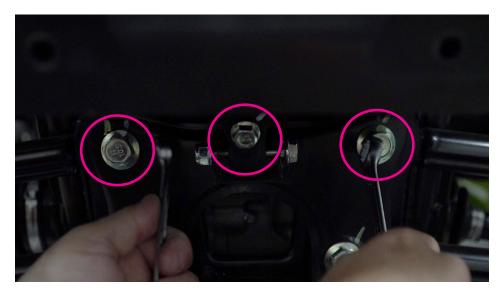
- If you want to install a Quiet Core in your exhaust, you need to replace the Shim Ring with the Quiet Core.
- The inner groove can only have **two** extras installed. These can include a; Quiet Core, Turndown Pipe, Spark Arrestor and Shim Ring

Removing the stock exhaust



Step 1 -

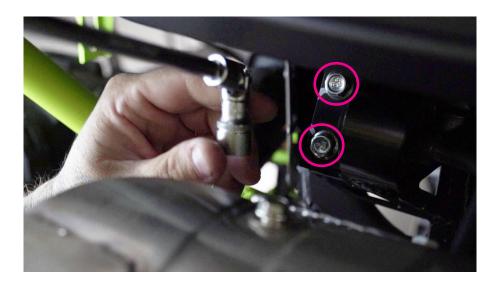
- Remove the two bolts and springs that secure the stock exhaust pipe in place
- Make sure to keep the springs and the factory gasket safe, these will be reused



Step 2 -

- Remove the bolts holding the rubber bushing, and remove the rubber bushing
- Keep hold of the bolts and rubber bushing as these will be reused

Removing the stock exhaust



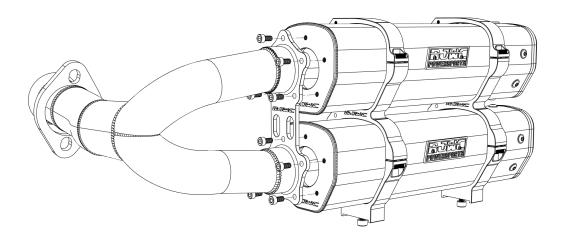
Step 3 -

- Remove each of the stock bushings that secure the stock exhaust in place by removing the two bolts
- The stock bushings will be reused in a following step, along with the bolts



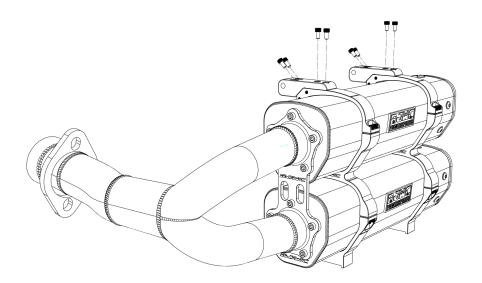
Step 4 -

- We recommend having a second set of hands to help you remove the stock exhaust



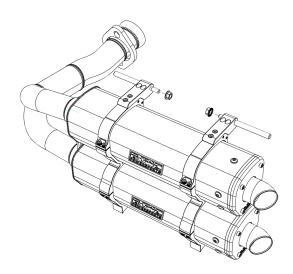
Step 1 -

- Place the 2x G2 Gaskets between the Pipe and the APX can. Line the holes of the Pipe, Gasket and APX
- Use 10x Hex Flange Screw M6x20 to secure the pipe in place



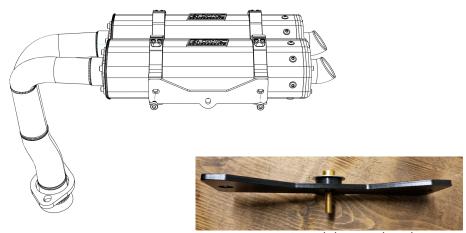
Step 2 -

- Line up the 2x Mounting Brackets to the screwholes on the top of the APX Brackets
- Use 2x Cylinder Screw M5x16 with 2x M5 Washers in the front two screwholes (these are the screwholes that are vertical) to secure in place
- Use 2x Cylinder Screw M5x10 with 2x M5 Washers in the rear two screwholes (these are the screwholes that are horizontal) to secure in place



Step 3 -

- Insert the 2x Mounting Rods into each of the Mounting Brackets
- Secure in place with 1x Spring Washer M8 and 1x M8 Nut on each Rod



For 2023-2024 models, your bracket should look like above before installation

Step 4 -

- Place the 1x Black Mounting Bracket at the bottom of the APX Exhaust Brackets
- If you have a 2023-2024 model, thread 1x Washer 8.4x35 and 1x Rubber Bushing onto 1x M8x35 Cylinder Screw and insert this through the top of the Black Mounting Bracket
- Use 2x M8x20 Cylinder Screws and 2x M8 Washers to secure the Mounting Bracket in place



Step 5 -

- Slide the Stock Bushings onto the threaded rods on both sides
- Make sure that the boltholes on the stock bushing are on the outward side of the exhaust



Step 6 -

- Attach the Stock Bushings to the metal back plate securely with the stock bolts.
- We recommend having an extra set of hands to help to keep the exhaust in place.

Important!

This next step is for 2023-2024 Models

Skip this step if your Segway Villain is an earlier year.



Step 7 -

- With the 1x M8x35 Cylinder Screw that was inserted in Step 4, thread 1x Rubber Bushing onto the screw to 'sandwich' the Mounting Bracket
- Slide on the Lower Bracket and secure in place with 1x M8 Nut
- Thread 1x Washer M5 onto 1x M5x16 Cylinder Screw, do this twice
- To secure the Lower Bracket to the frame, slide the 2x M5x16 screws into the frame and the Lower Bracket, securing with 1x M8 Nut on each screw

Important!

This step is for 2022 models, skip if you have a 2023-2024 model



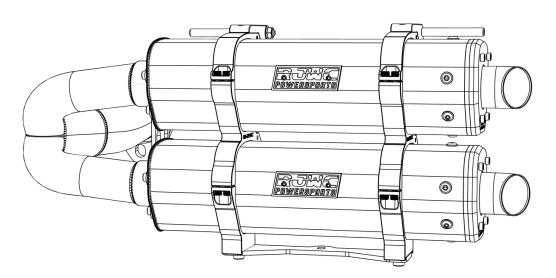
Step 7 -

- Thread 1x Spring Washer M8 onto 1x M8x60 Hexagon Screw, insert this through the stock rubber bushing and slide on 1x Aluminum Spacer
- Line this up with the hole in the Mounting Bracket and secure with 1x Nut
- Use the stock fastenings to secure the rubber bushing to the frame



Step 8 -

- Thread 1x Washer 8.4x35 onto 1x Hexagon Bolt M8x70, adding the stock spring to the bolt. Do this for both bolts.
- Use these to securely fasten the pipe.



You have now completed the installation of the Segway Villain SX10 Dual APX Slipon.

Don't forget to recheck all bolts and double check and they are tightly secured.

It's important to turn on your machine and let the engine idle to warm up the exhaust, let it cool down and check the tightness of all bolts and screws.



Important Information - Fuel Tuning

The use of an aftermarket performance exhaust requires a crucial step - EFI tuning. RJWC Powersports exhaust systems must be accompanied by a proper re-flashing or use of an EFI Tuner to prevent the engine from running lean, which can result in engine damage. To guarantee a correct air to fuel mixture, make sure to adhere to the manufacturer's recommended settings for your fuel tuner.

Neglecting to properly tune the engine using an EFI tuner when using an RJWC Powersports exhaust will void the exhaust warranty. Any problems arising from the engine not running correctly, such as a lean condition or incorrect air/fuel ratio, will not be considered a valid warranty claim.

Please note that if your vehicle differs from the base model, additional modifications such as a different tune, turndown pipe, or other adjustments may be necessary to achieve a proper fit and optimal performance. All RJWC Powersports exhausts are designed and tested on stock-equipped vehicles.