



# ASSEMBLY GUIDE FOR VOLAR SPORT RACING BRAKE SYSTEM



Disclaimer: Warning, this brake system and guide is intended to supplement the knowledge of a qualified mechanic. It is crucial to consult your motorcycle's owner's manual before proceeding with the installation. The installation of brakes should be performed by a professional mechanic or by someone who is comfortable and experienced with working on the brake system of a motorcycle. Improper installation can lead to malfunction, which can result in serious injury or death. This brake system is designed and intended to be used only for off road or closed circuit use. By using this guide and using this brake system, you acknowledge that you understand and accept these risks and restrictions of use.

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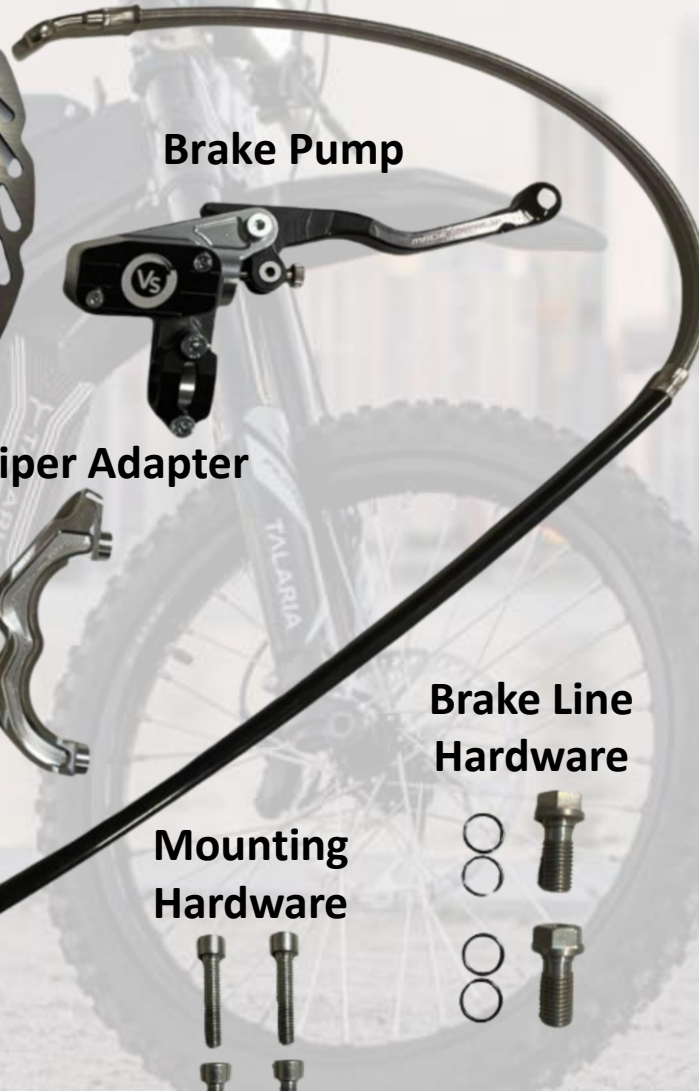


# The front Braking Kit includes:

Front Disc 250mm



Brake line



Brake Pump



Caliper Adapter



Brake Caliper



Brake Line Hardware



Mounting Hardware



# Remove the OEM Brake Disc

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**Align and mount the Volar Sport 250mm front disc on the wheel**





# Remove the OEM Braking System

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**Mount the brake pump and position it depending on your driving position**



**Mount the caliper adapter  
on the front fork using the  
hardware included  
(M6\*25mm)**



**Mount the brake caliper on  
the adapter using the  
hardware included  
(M6\*30mm)**



**Washers between Caliper and Adapter may be  
needed with non OEM forks if rotor rubs on caliper.**



**Position the O-Rings in the following way (see pictures).  
Both on the brake pump side and on the brake caliper side.**

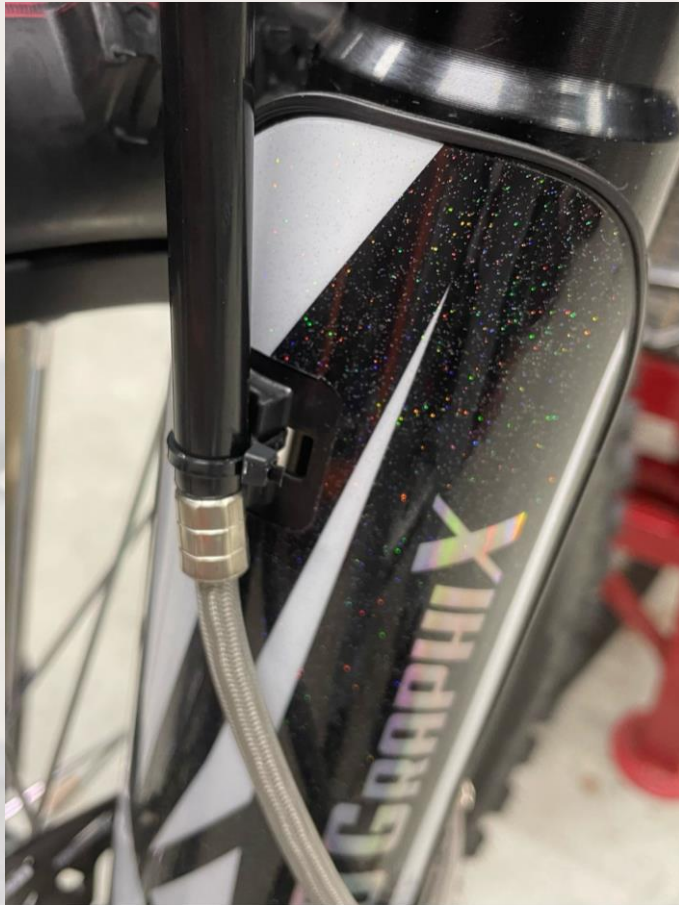


**Fix the hardware of the brake line  
using a 10mm bolt.**

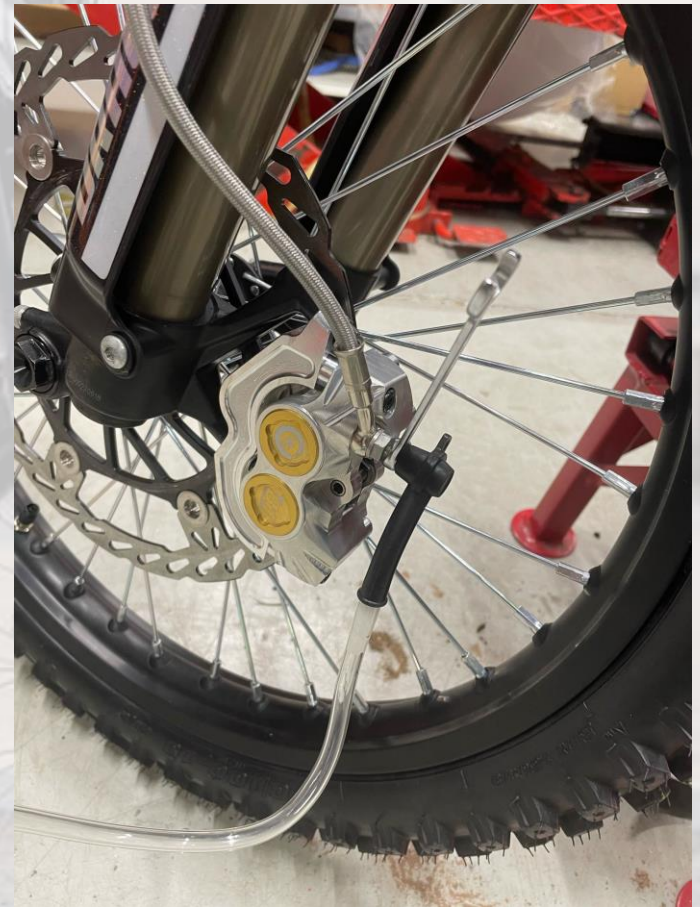




**Apply a ziptie on the fork guard (as OEM) and the cable clamp on the lower triple clamp.**



**Proceed with bleeding the brake system**



**DOT 4 or 5.1 fluid**



# The rear Braking Kit includes:

Rear Disc 220mm



Brake Pump



Caliper Adapter



Brake line



Brake Caliper

Mounting Hardware



Brake Line Hardware



# Remove the OEM Braking System

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**Mount the rear brake pump and adjust it depending on your driving position**





# **CASE - A**

## **OEM 220mm Brake Disc**

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**Remove the rear wheel and  
mount the caliper adapter  
on the rear subframe**



**Mount the rear wheel back**





**Check the chain tension  
before tightening the  
rear axle**



**Mount the brake caliper on  
the caliper adapter with  
the hardware included  
(M6\*30)**





# **CASE – B**

## **Volar Sport 220mm Floating Brake Disc**

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**Remove the rear wheel and  
mount the caliper adapter  
on the rear subframe**



**Mount the Volar Sport brake  
disc on the wheel**



**Mount the rear weheel  
back and check the  
chain tension before  
tightening the rear axle**



**Mount the brake caliper  
adding 1.5mm thickness  
spacers (included) per side  
between the caliper adapter  
and the brake caliper**

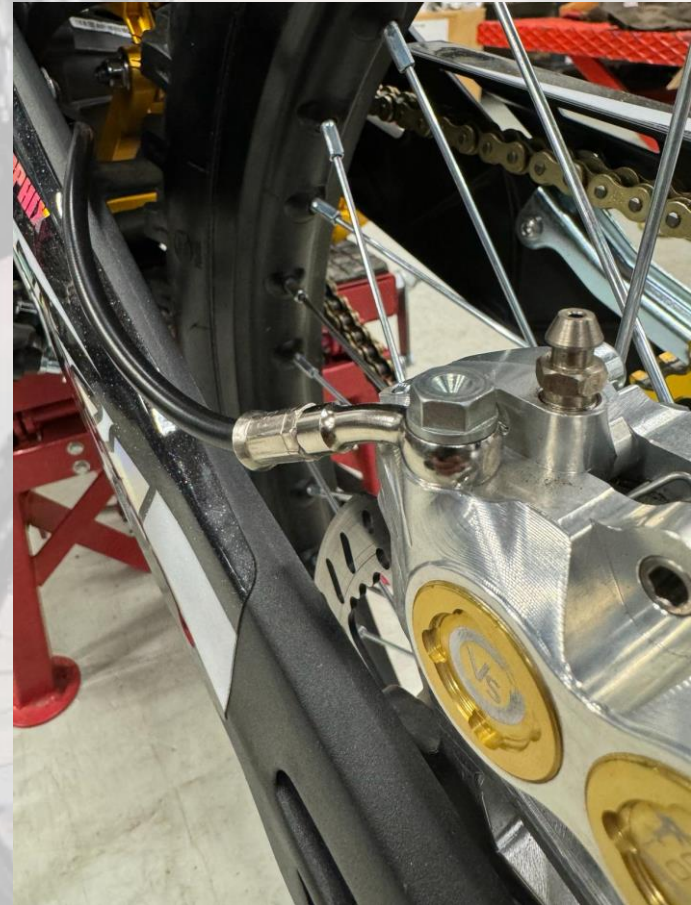




**Remove the Horn plastic and the Controller  
in order to let the brake line pass through  
the OEM position as shown below**



**Fix the Brake Line hardware both on the pump side and on the caliper side**





**Proceed with bleeding the brake system**



**DOT 4 or 5.1 fluid**

## Cut the OEM wiring and the brake sensor wire





**Connect the wiring of the two cables, weld and isolate them accurately so that the electric contact is solid and clean. (the wires position does NOT matter)**



**Fix the brake sensor on the  
brake pump as shown below**



**Connect the brake sensor  
connector to the  
OEM harness**





**Proceed with bleeding the brake system**

