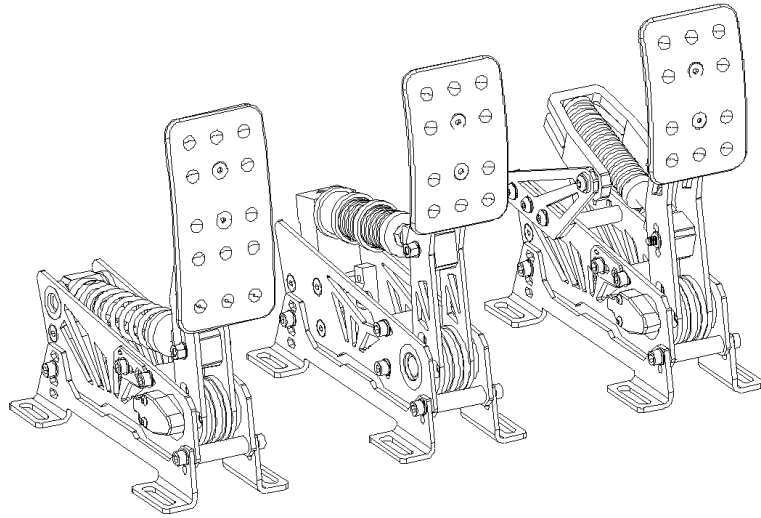
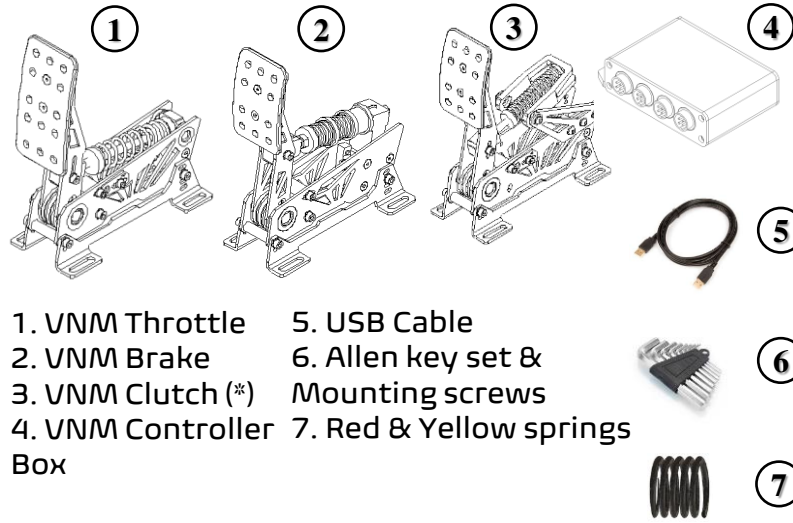


# VNM PEDALS LITE Quick Guide



## Box Includes



1. VNM Throttle
2. VNM Brake
3. VNM Clutch (\*)
4. VNM Controller Box
5. USB Cable
6. Allen key set & Mounting screws
7. Red & Yellow springs

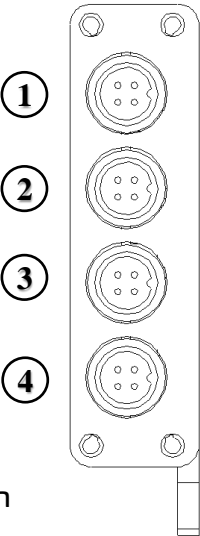
(\*) Not included with VNM Lite Pedal set 2

## Connection



✓ Left side: GX12 Ports for:  
1. Handbrake 3. Brake  
2. Throttle 4. Clutch  
*Plug each pedal in its corresponding port*

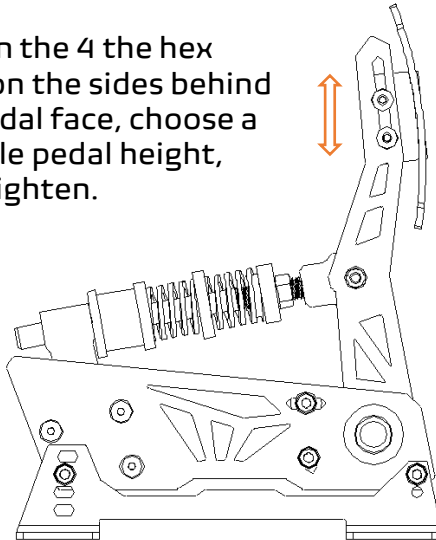
✓ Right side:  
5. DFU/RUN Mode Switch  
- Up: DFU Mode  
- Down: RUN Mode  
6. USB Port for PC connection



## Pedal Adjustment

### 1. Adjust the height of the Pedal face

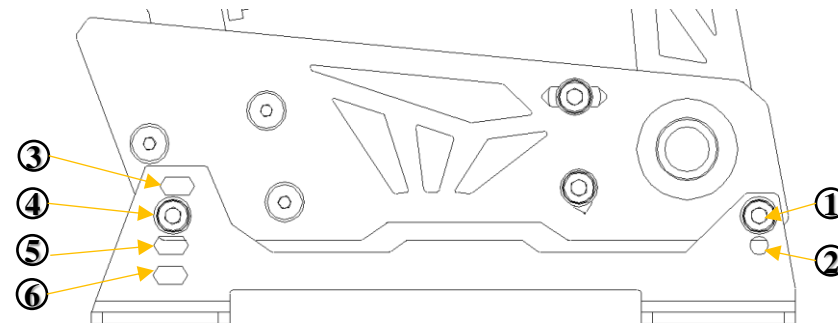
Loosen the 4 the hex bolts on the sides behind the pedal face, choose a suitable pedal height, then tighten.



### 2. Adjust the Pedal tilt angle

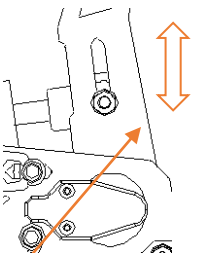
✓ 2 height levels at the front and 4 height levels at the back allow multiple tilt angle options

✓ Remove the 2 hex bolts on each side, tilt the pedal to a suitable angle, insert the bolts back into place and tighten them with the hex bolts.

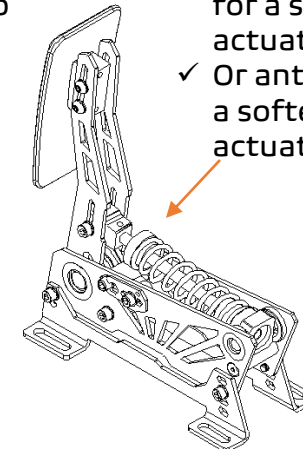


### 3. Adjust the Pedal Stiffness

✓ Twist the spring preload cap clockwise for a stiffer pedal actuation  
✓ Or anti-clockwise for a softer pedal actuation

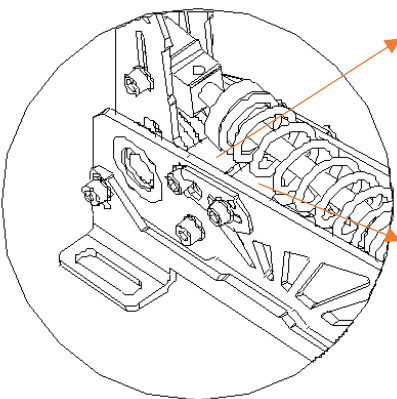


✓ Move the pivot point of the spring assembly up/down for a stiffer/softer pedal actuation



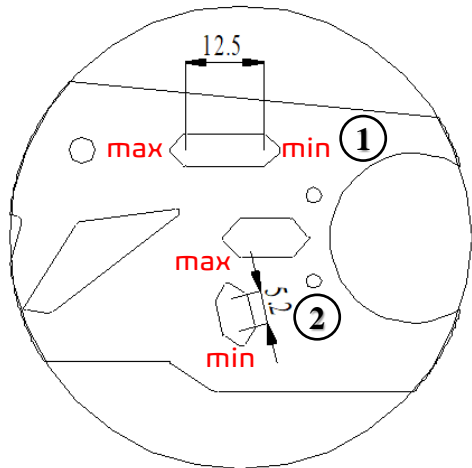
## 4. Adjust the Pedal travel range

- ✓ Loosen the 2 hex bolts on the sides, adjust 2 blue bump stops to change pedal stroke



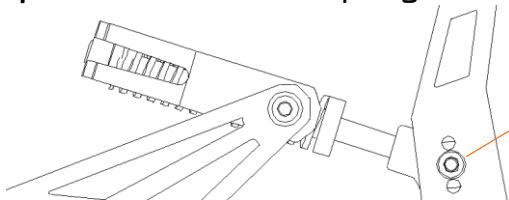
**Top Bump stop:**  
Determines the pedal travel end point

**Bottom Bump stop:**  
Determines the pedal travel start point



- ✓ Adjusting the Top Bump stop

**Step 1:** Disassemble the spring assembly.

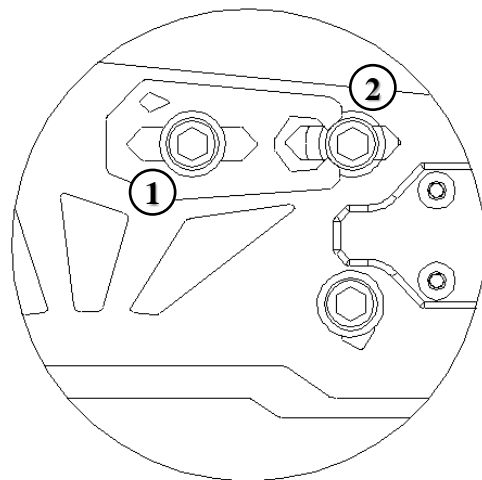


Remove the bolts on both sides then remove the spring assembly

**Step 2:** Loosen the 4 hex bolts at the (1) & (2) positions on the sides, choose a suitable position for the blue bump stop, then tighten the bolts at the (2) position

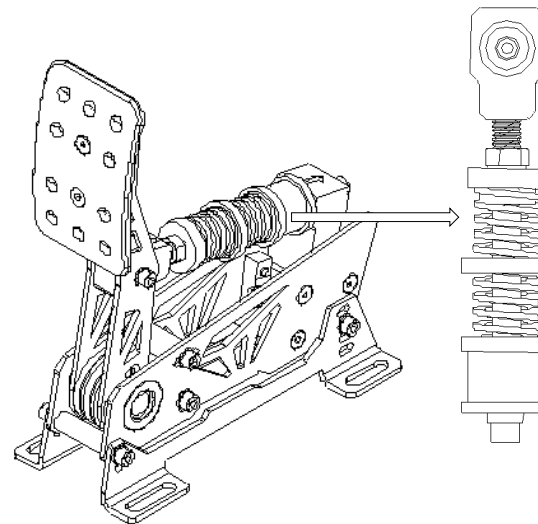
**Step 3:** Move the locating pin to press against the hex bolt (2) then tighten the hex bolt (1) (Applicable with VNM Throttle and VNM Clutch).

**Step 4:** Reinstall the spring assembly.



## 5. Adjust the Brake pedal

**Step 1: Remove the elastomer stack**



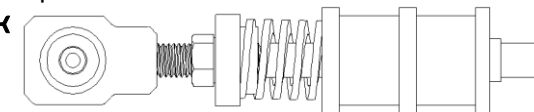
**Step 2: Choose a suitable combination of springs and elastomers**

Combinations of 3 elastomers/springs are recommended. Feel free to get creative with different combos.

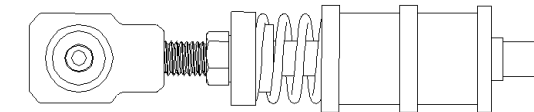
Unlock a wider range of customizability with the VNM Brake Upgrade Kit. This allows you to set various stiffness levels to suit different racing disciplines and

Some possible combinations:

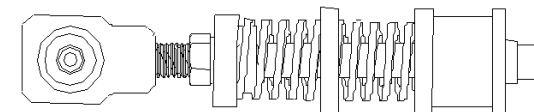
Option 1: Medium initial travel, medium stiffness



Option 2: Light initial travel, medium stiffness

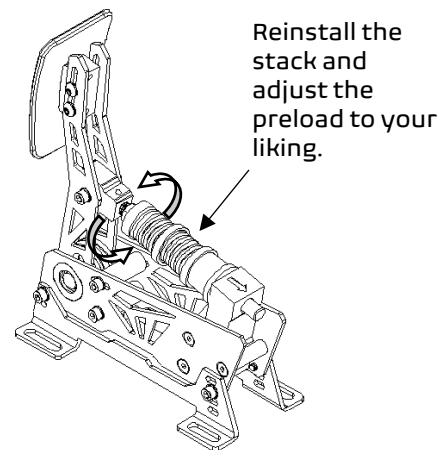


Option 3: Low stiffness, longer travel



And many more possible combinations

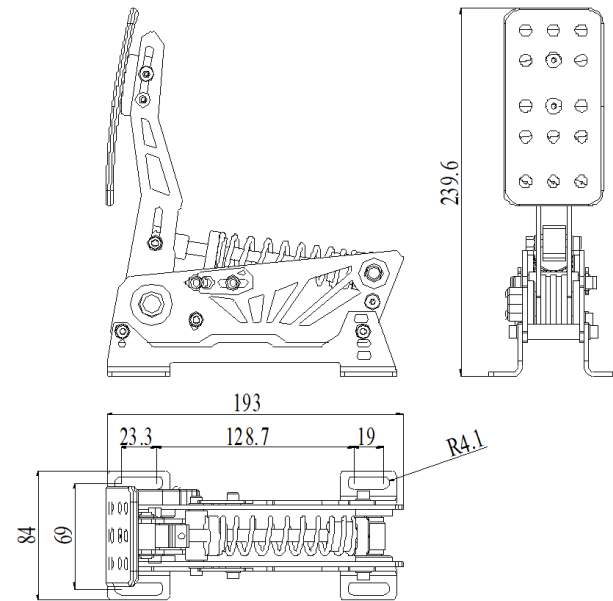
**Step 3: Re-install the elastomer stack**



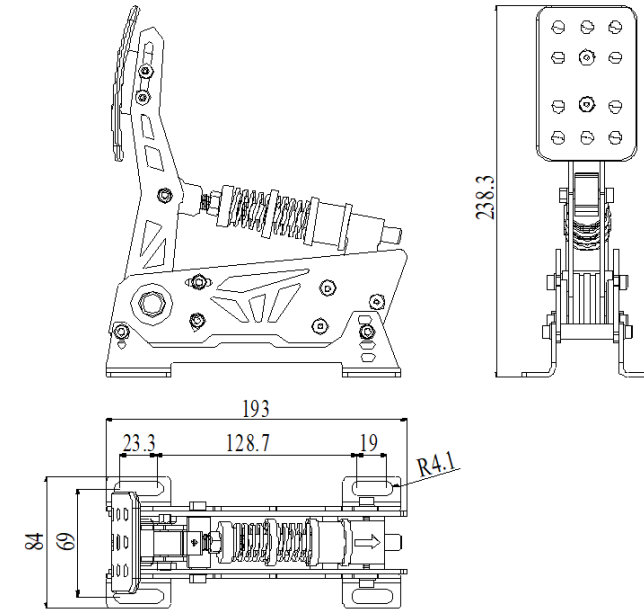
Reinstall the stack and adjust the preload to your liking.

**Step 4: Recalibrate in the VNM Configurator**

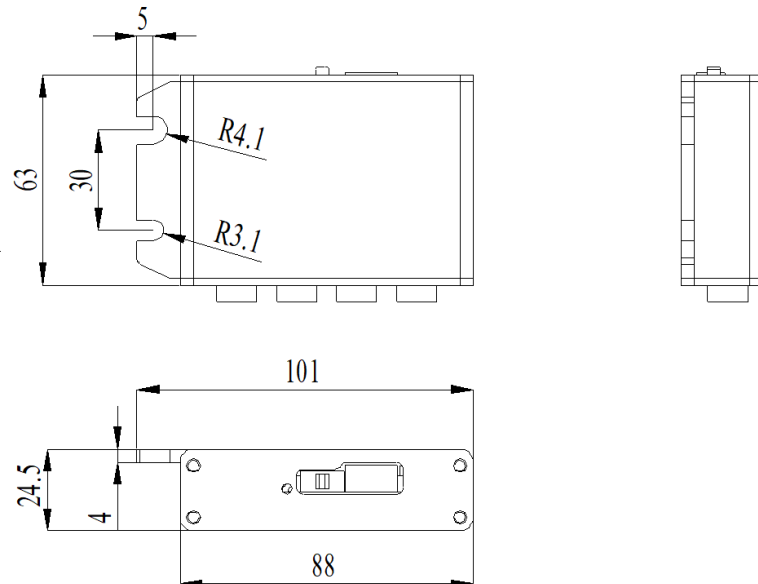
## Throttle Dimensions



## Brake Dimensions



## Controller Box Dimensions



## Clutch Dimensions

