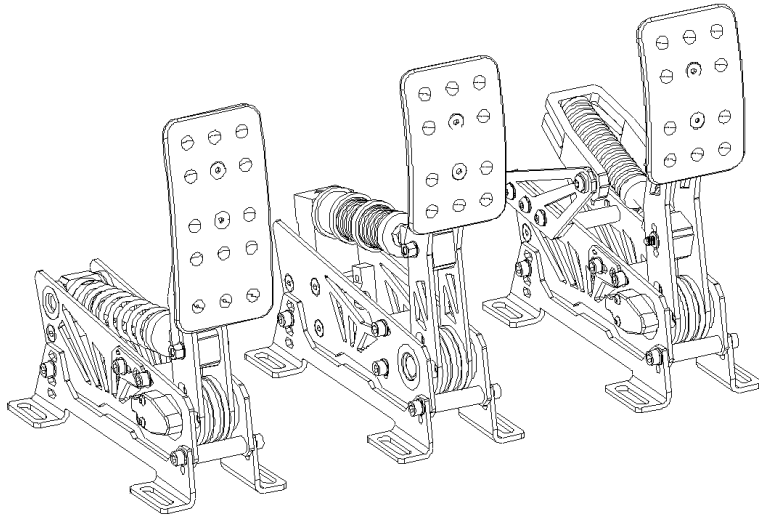
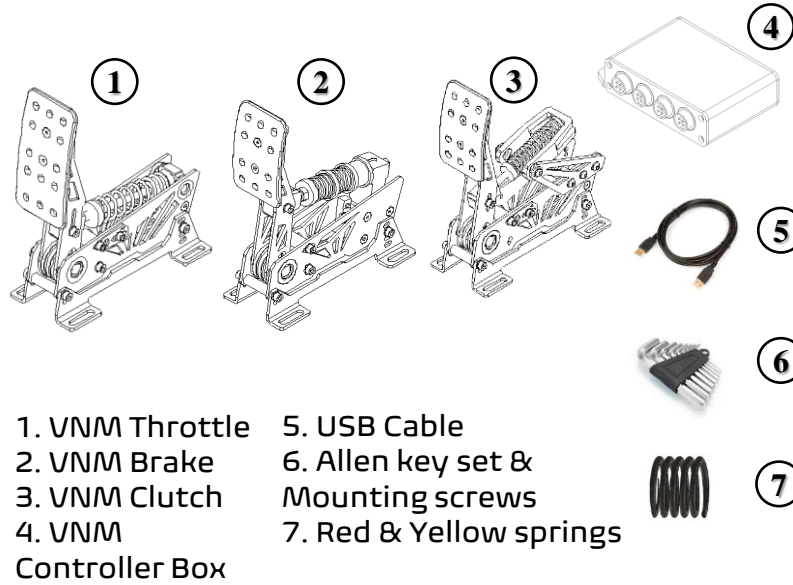


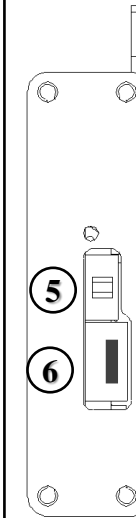
VNM PEDALS LITE Quick Guide



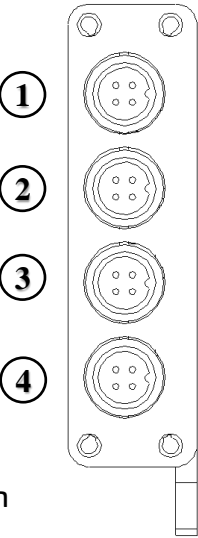
Box Includes



Connection



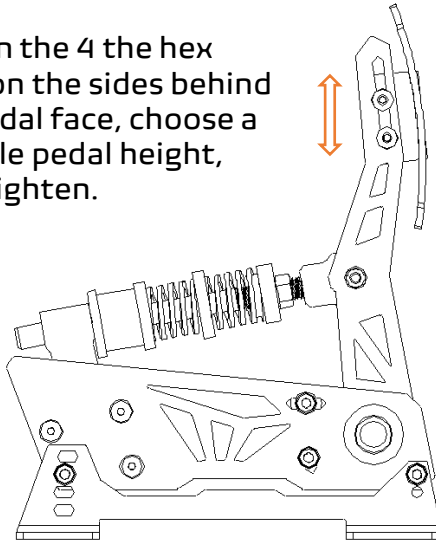
- ✓ Left side: GX12 Ports for:
 - 1. Handbrake 3. Brake
 - 2. Throttle 4. Clutch
 Plug each pedal in its corresponding port
- ✓ Right side:
 - 5. DFU/RUN Mode Switch
 - Up: DFU Mode
 - Down: RUN Mode
 - 6. USB Port for PC connection



Pedal Adjustment

1. Adjust the height of the Pedal face

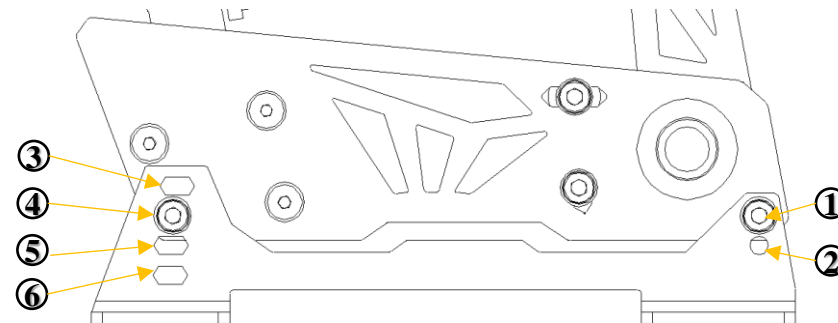
Loosen the 4 the hex bolts on the sides behind the pedal face, choose a suitable pedal height, then tighten.



2. Adjust the Pedal tilt angle

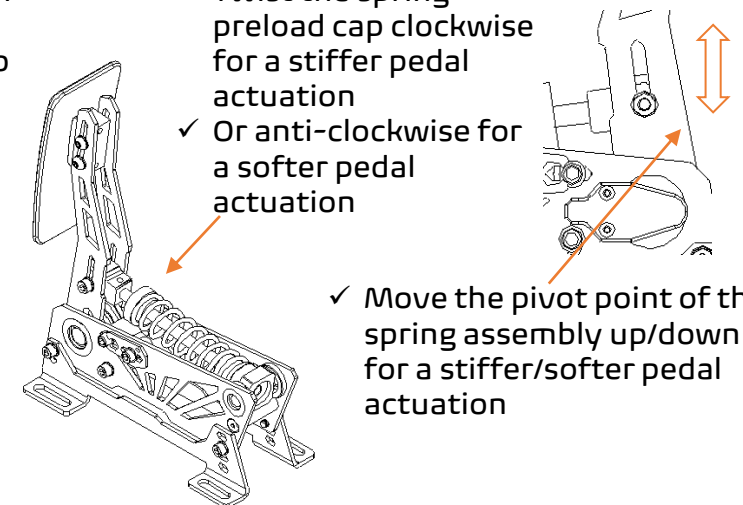
- ✓ 2 height levels at the front and 4 height levels at the back allow multiple tilt angle options

- ✓ 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

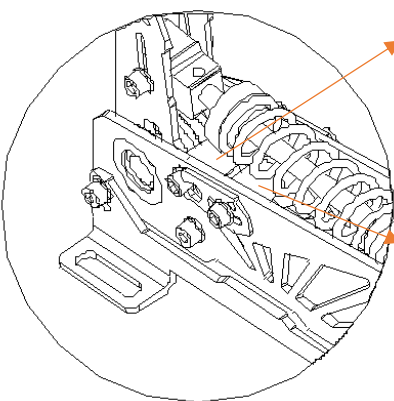
- ✓ Twist the spring preload cap clockwise for a stiffer pedal actuation
- ✓ Or anti-clockwise for a softer pedal actuation



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

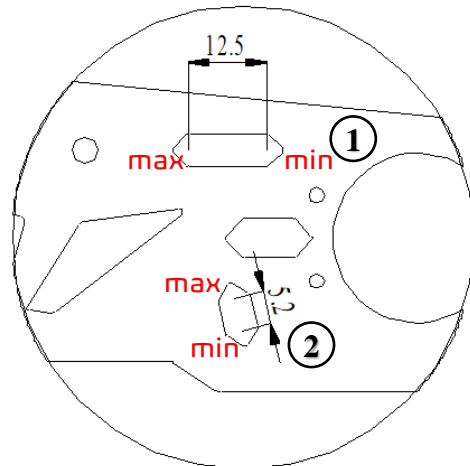
4. Adjust the Pedal travel range

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



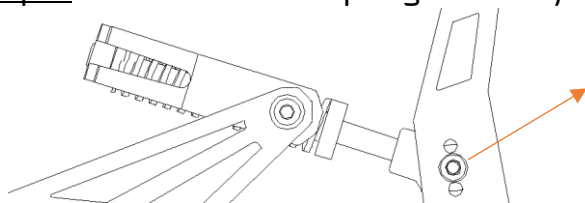
Top Bump stop:
Determines the pedal travel end point

Bottom Bump stop:
Determines the pedal travel start point



- ✓ **Adjusting the Top Bump stop**

Step 1: Disassemble the spring assembly.

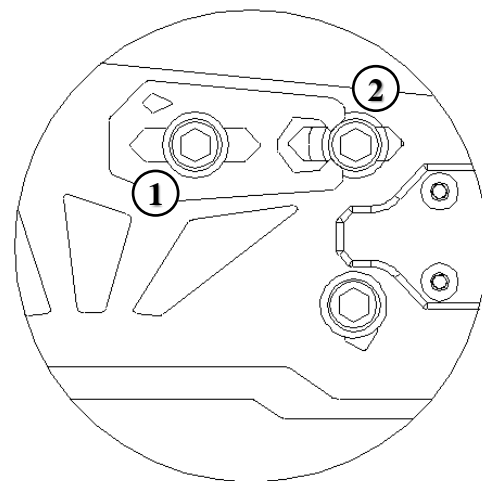


Remove the bolts on both sides then remove the spring assembly

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

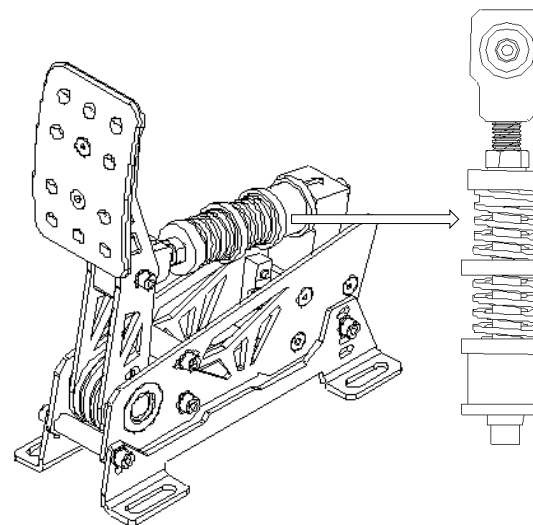
Step 3: Move the locating pin to press against the hex bolt (2) then tighten the hex bolt (1) (Applicable with VNM Throttle and VNM Clutch).

Step 4: Reinstall the spring assembly.



5. Adjust the Brake pedal

Step 1: Remove the elastomer stack



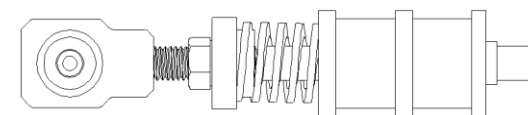
Step 2: Choose a suitable combination of springs and elastomers

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

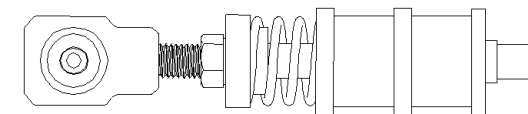
Unlock a wider range of customizability with the VNM Brake Upgrade Kit. This allows you to set various stiffness levels to suit different racing disciplines and

Some possible combinations:

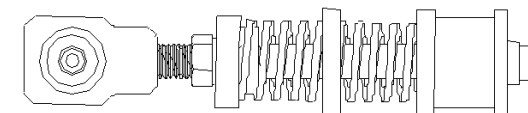
Option 1: Shorter travel, medium stiffness



Option 2: Medium stiffness with simulated play

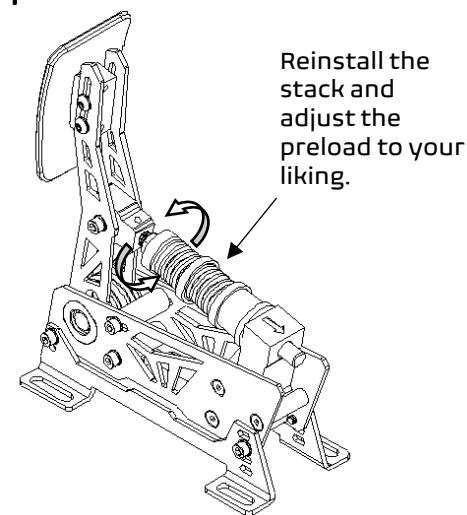


Option 3: Low stiffness, longer travel



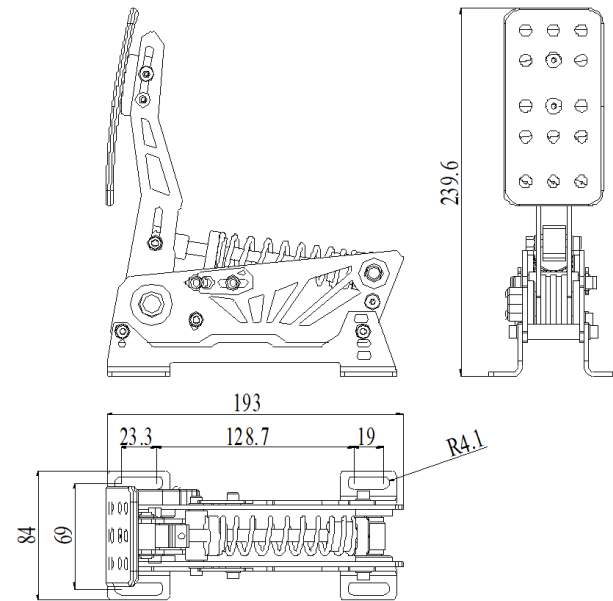
And many more possible combinations

Step 3: Re-install the elastomer stack

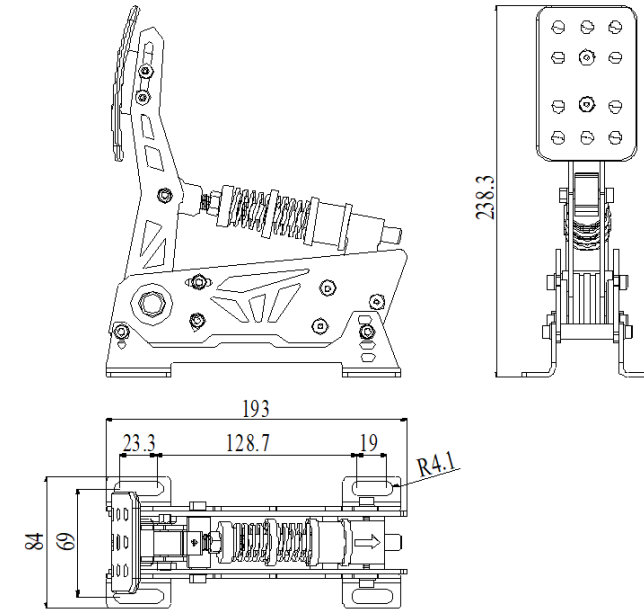


Reinstall the stack and adjust the preload to your liking.

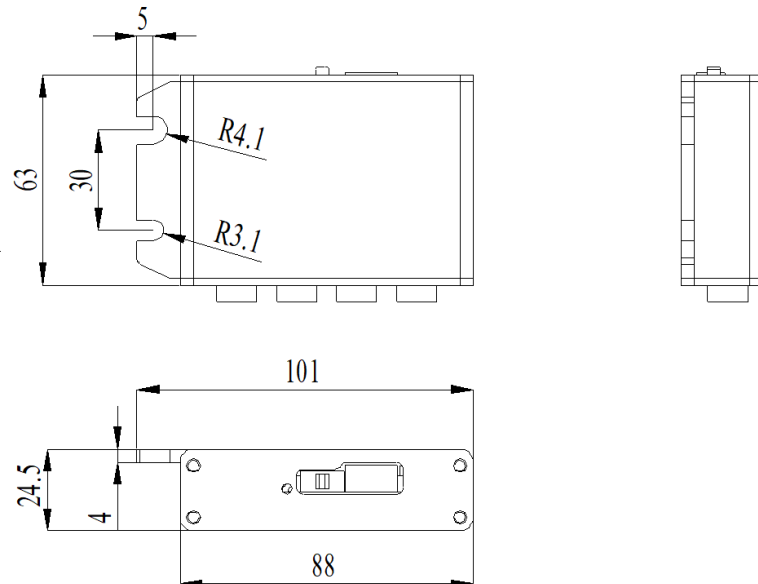
Throttle Dimensions



Brake Dimensions



Controller Box Dimensions



Clutch Dimensions

