

THRUSTMASTER®



For PC (Windows 10/11)

User Manual



Carefully read the instructions provided in this manual **before** installing the product, **before** any use of the product and **before** any maintenance. Be sure to follow the safety instructions. Failure to follow these instructions may result in accidents and/or damage. Keep this manual so that you can refer to the instructions in the future.

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Experience all the intensity of racing with the Thrustmaster T818 base. Powered by Direct Drive technology, this base has been designed for performance and accurate rendering of all elements of information to the driver.

This manual will help you install and use your T818 base under the best conditions. Before getting started racing, carefully read the instructions and the warnings: they will help you get the most enjoyment out of your product.



Updating the firmware

In order for the T818 base to function properly with video games, it is essential that the firmware be updated.

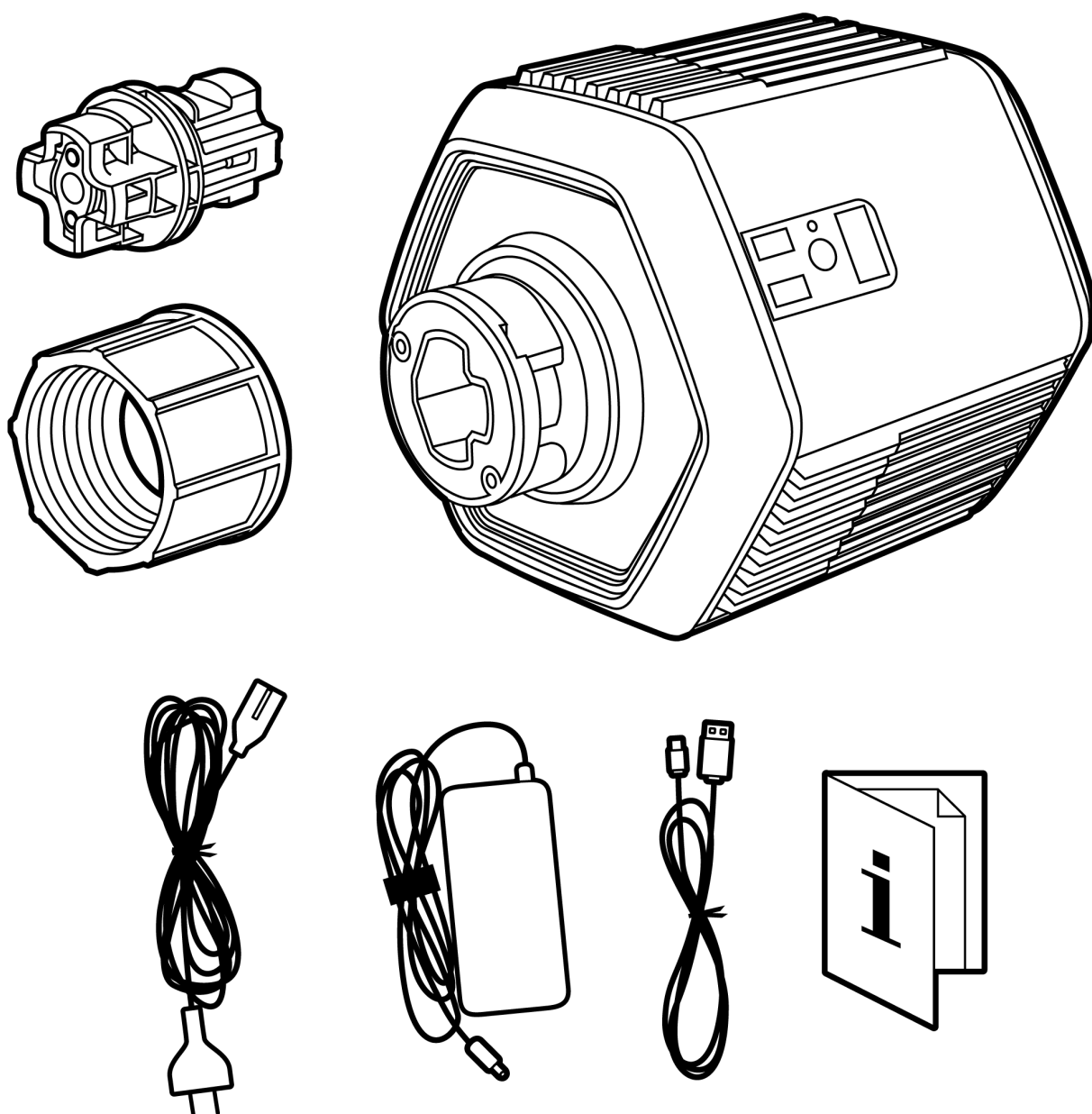
To carry out the update, visit <https://support.thrustmaster.com/product/t818>.

Select **Firmware** and follow the instructions, including the downloading and installation procedure.



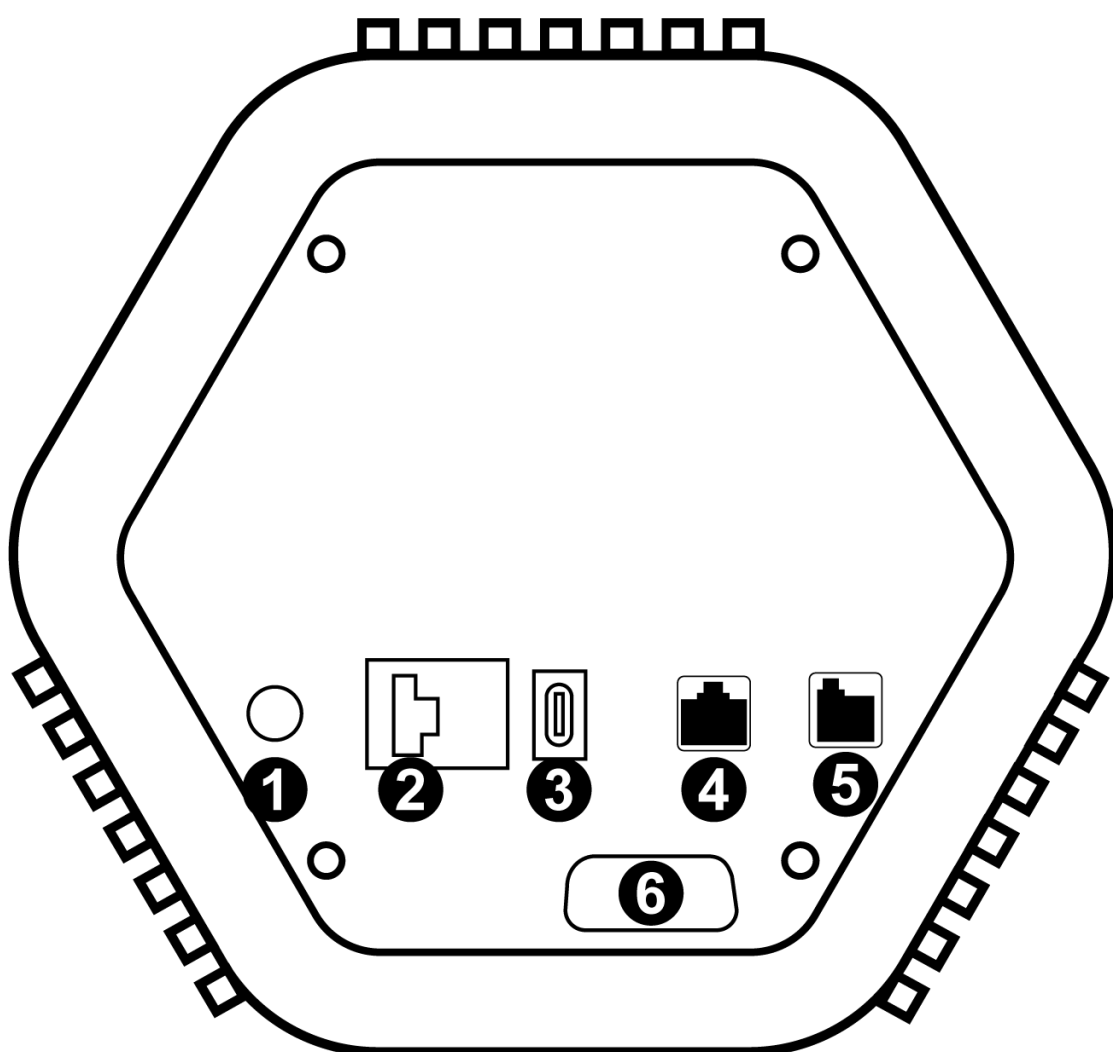


1. Box contents

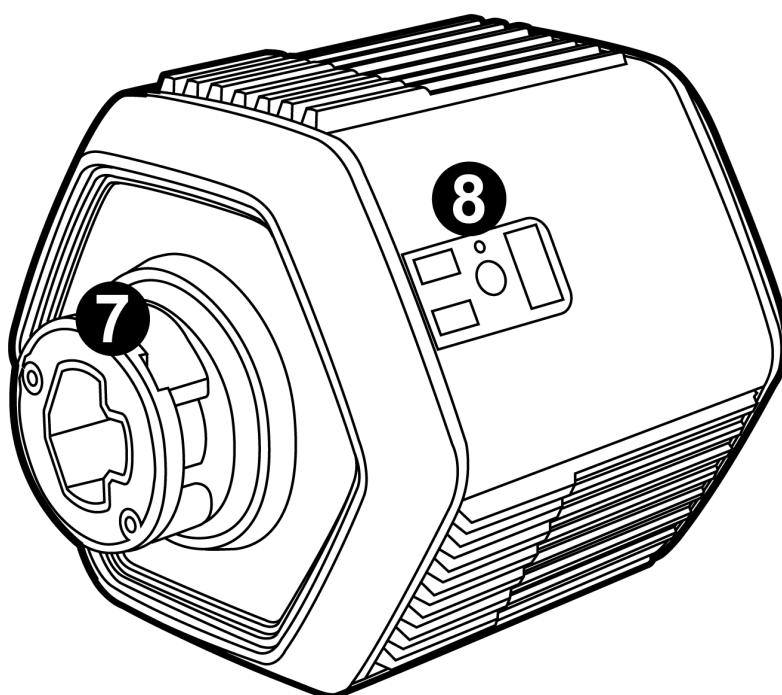




2. Features of the base

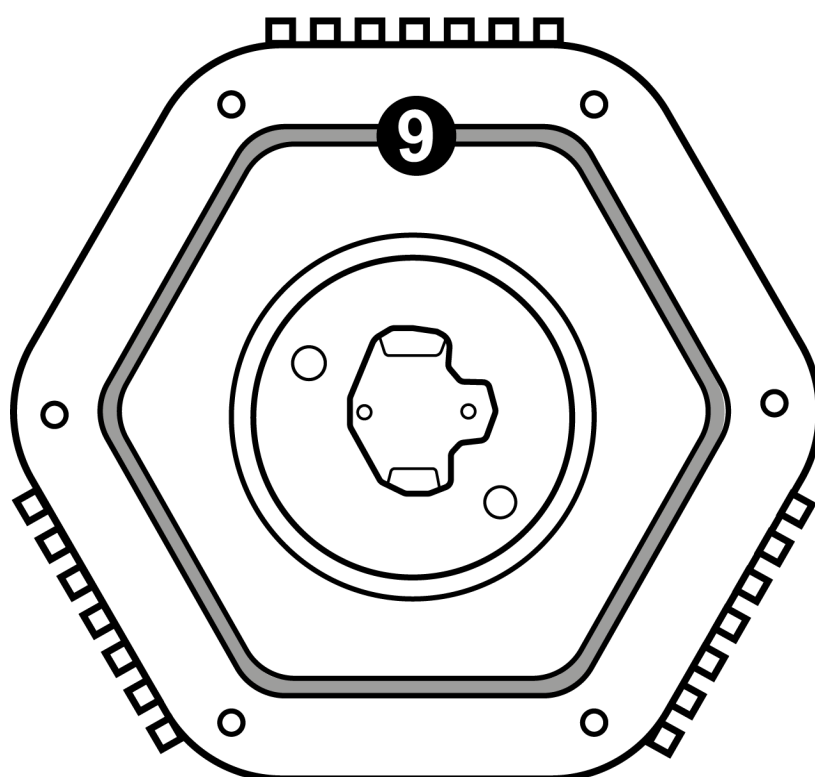


- ① On/off button
- ② Power port
- ③ Connection port to computer
- ④ Unused port – Function available soon
- ⑤ Connection port to pedal set
- ⑥ Unused port – Function available soon



7 Fast release wheel attachment system

8 Base's buttons and LED



9 Hexagon of RGB LEDs



3. General information



- The T818 base has been designed for electronic sports and is intended for use by experienced drivers in good physical condition — and, when its settings are at their maximum values, by high-level drivers only.
- This product should not be used by people less than 21 years of age, or by people 21 years of age or more whose physical, sensory and/or mental capabilities or whose lack of experience or knowledge make it impossible for them to use this product without risk. Be sure to keep people in any of these categories away from the product.
- Do not leave the product unattended when it is plugged into an electrical outlet.
- Keep the product away from animals and insects.
- This product is intended for domestic and interior use only.
- Do not use the T818 base and the power supply in the event of visible damage or a malfunction (for example, after a shock).
- Keep and use this product in a location in which the temperature is between 0°C and 40°C, and in which the humidity is less than 80%.



4. Information regarding use of the base



Documentation

Before using this product, carefully read this documentation again, and keep it for future reference.



Electrical shock

- Keep the product in a dry location and do not expose it to dust or sunlight.
- Do not twist or pull on the connectors and cables.
- Do not spill any liquid on the product or its connectors.
- Do not short-circuit the product.
- Never dismantle the product; do not throw it onto a fire and do not expose it to high temperatures.
- Do not use a power supply cable other than the one provided with your base.
- Do not use the power supply cable if the cable or its connectors are damaged, split or broken.
- Make sure that the power supply cable is properly plugged into a wall outlet, and properly connected to the connector at the rear of the base.
- Do not open up the device: there are no user-serviceable parts inside. Any repairs must be carried out by the manufacturer, a specified agency or a qualified technician.
- If the wheel, the base or the power supply is operating abnormally (if any of them are emitting any abnormal sounds, heat or odors), stop using the device immediately, unplug the power supply cable from the wall outlet and disconnect the other cables.
- When you are not using the base, power it off using the On/off button.



- If you will not be using the base for an extended period of time or if you will be away from the base, power off the base and unplug its power supply cable from the wall outlet.
- The wall outlet must have been installed according to proper electrical trade practices by a specialist.
- The wall outlet must be located near the equipment and must be easily accessible.
- The use of an extension cord or cords is not recommended, due to the risk of the extension cord overheating and therefore the risk of fire.
- Do not plug the device into a wall outlet or unplug it with damp or wet hands.
- Never carry the power supply by holding the cable.
- Never unplug or disconnect the power supply by pulling on the cable.



Power supply

- Only use the power supply indicated in the user manual.
- Only use the power supply with the network voltage and frequency indicated on the power supply's rating plate.



Securing the gaming area

- Do not place any object in the gaming area which may disrupt the practice of the user, or which may provoke an inappropriate movement or an interruption by another person (coffee cup, telephone, keys, for example).
- Do not cover the power cables with a carpet or rug, blanket or covering or any other item, and do not place any cables where people will be walking.



Information regarding the power supply

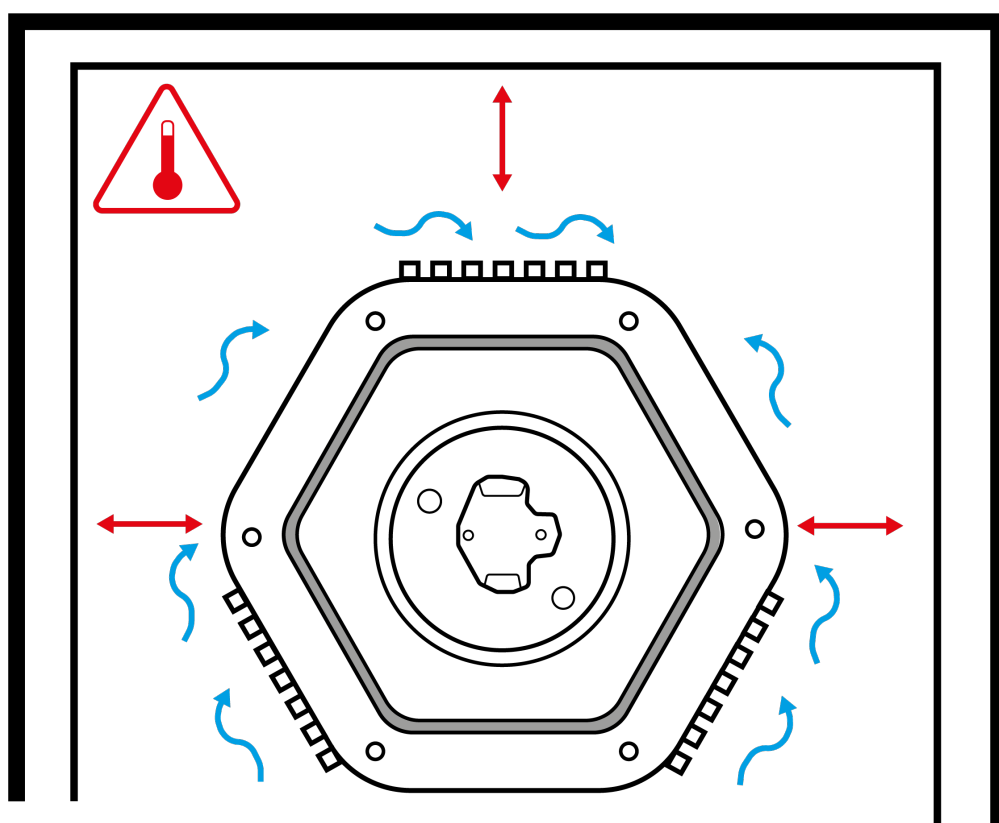
Published information	Value	Unit
Manufacturer's name or trademark Business number Address	GUILLEMOT CORPORATION S.A. 414 196 758 R.C.S. Vannes 2 Rue du Chêne Héleuc 56910 Carentoir France	
Model identifier	A1801-2407	
Input voltage	100 – 240	V
Input AC frequency	50 – 60	Hz
Output voltage	24	V DC
Output current	7	A
Output power	168	W
Average active efficiency	88	%
Efficiency at low load (10%)	88	%
No-load power consumption	0.21	W



Air vents

Make sure not to block any of the air vents on the base. For optimal ventilation, make sure to do the following:

- Position the base at least 10 cm away from any wall surfaces.
- Do not place the base in any tight spaces.
- Do not cover the base.
- Do not let any dust build up on the air vents. Clean the air vents regularly with a dry cloth or a brush, and do not obstruct the sides or the top of the base.



- Never insert any object or body part into the product's air vents.



In the event of intensive use, you may notice a slight odor emanating from the base. This specific case mainly occurs with new products: it is normal, and subsides over time.



Injuries due to Force Feedback and repeated movements

Using a Force Feedback racing wheel may cause muscle or joint pain. To avoid any problems:

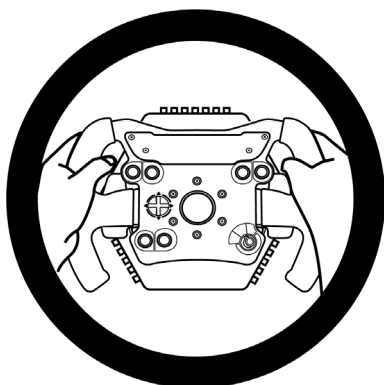
- Warm up beforehand, and avoid lengthy periods of practice.
- Take a 10 to 15-minute break after each hour of practice.
- If you feel any fatigue or pain in your hands, wrists, arms, feet or legs, press the button to turn off Force Feedback, power off the base and rest for a few hours before you start practicing again.
- If the symptoms or pains indicated above persist when you start practicing again, stop practicing and consult your doctor.
- Do not set the Force Feedback at a level that is too high in relation to your expertise and your physical condition. Use the button to turn off Force Feedback, if necessary.
- Keep the device out of the reach of people less than 21 years of age.
- When using the product, never place your hands or your fingers under the pedals or anywhere near the pedal set.
- If the wheel makes more than three turns in the same direction, or if it makes abnormal vibrations or oscillations, press the button to turn off Force Feedback.



- Make sure that the base and the wheel are properly attached, as per this manual's instructions.



Risk of unforeseen, powerful and rapid rotations: never place a hand or an arm through the openings in the wheel rim, or in the wheel's trajectory of rotation.



When using the product, always leave both hands correctly positioned on the wheel without ever completely letting go.



Product to be handled only by people **21 years of age or older**.



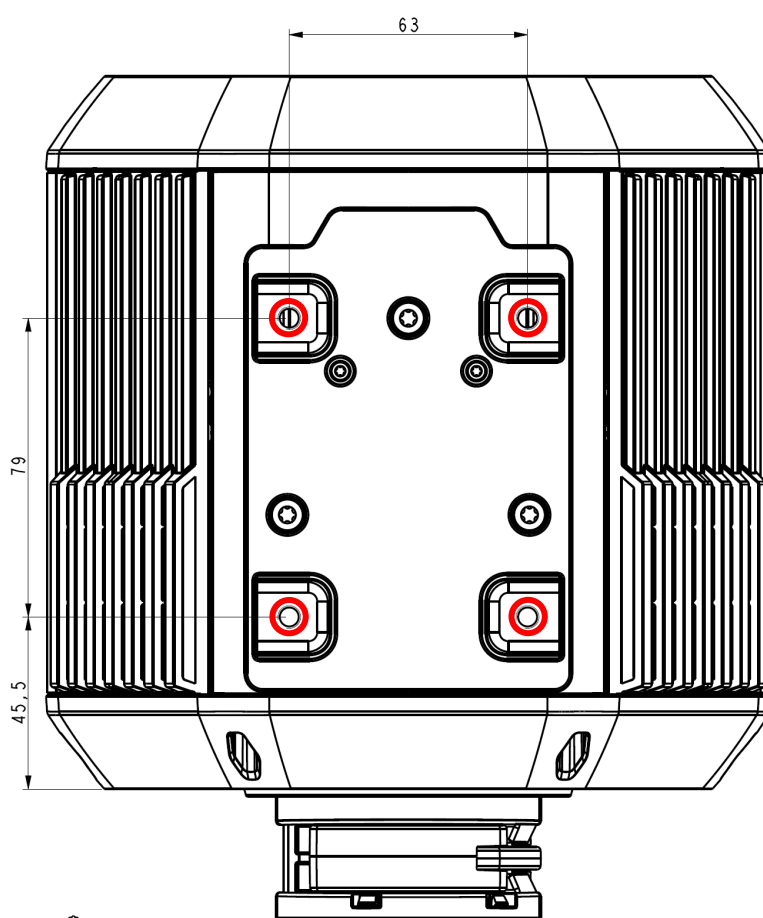
HEAVY PRODUCT — Be careful not to drop the product on yourself or on anyone else.



5. Installation on a support



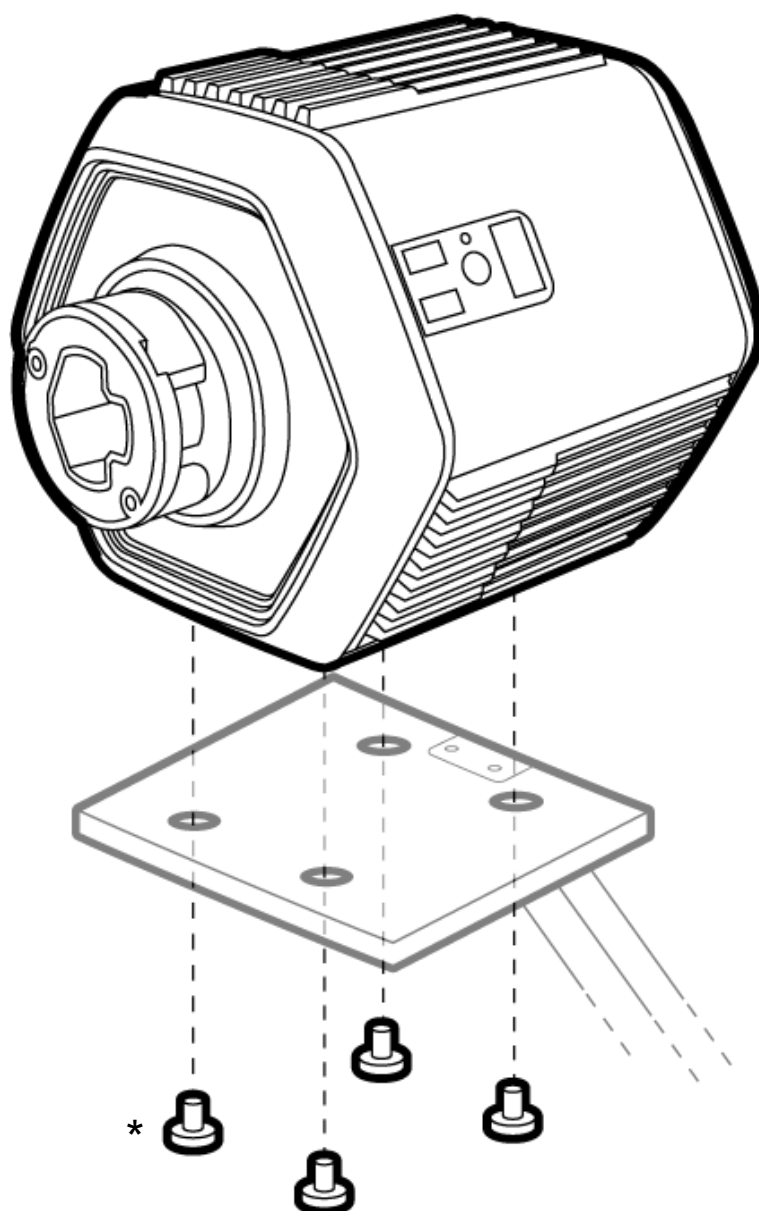
A complete diagram of the base is available at <https://support.thrustmaster.com/product/t818>.



Before each use, verify that the base is still properly attached to the support, as per this manual's instructions.



Installation without an additional mounting system



**Screws not included*



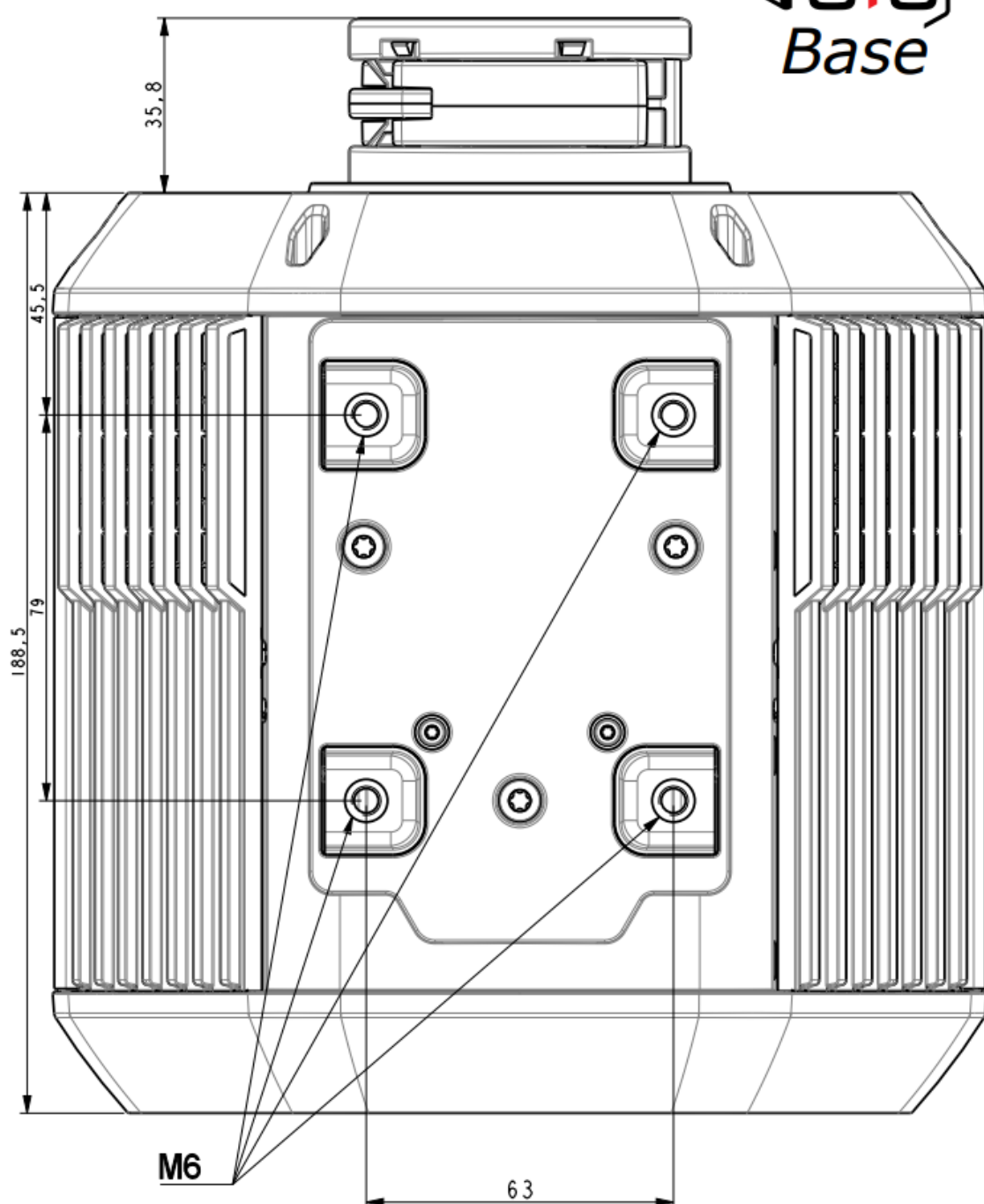
It is possible to install the T818 base on different types of supports. Keep in mind that the T818 base features powerful Force Feedback, and therefore must be solidly attached.

Attach the base to your support using four appropriate screws (not included), so as not to damage the base.



Dimensions of the base (in mm)

T818
Base



A diagram of the base is available at <https://support.thrustmaster.com/product/t818>.

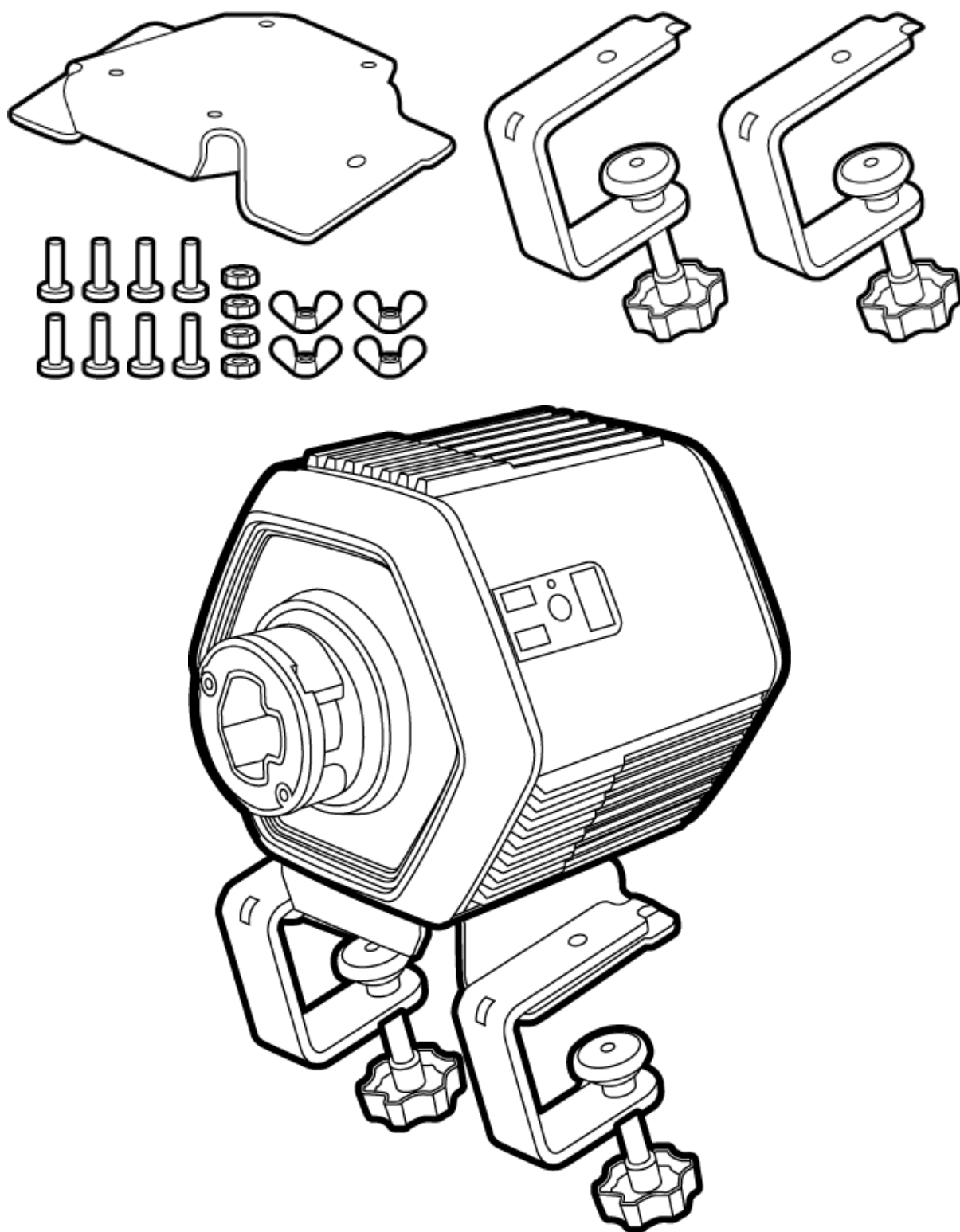
You can print out the diagram and use it on your support in order to determine and prepare the locations for the screws.



*Installation using the Desk Mounting Kit**

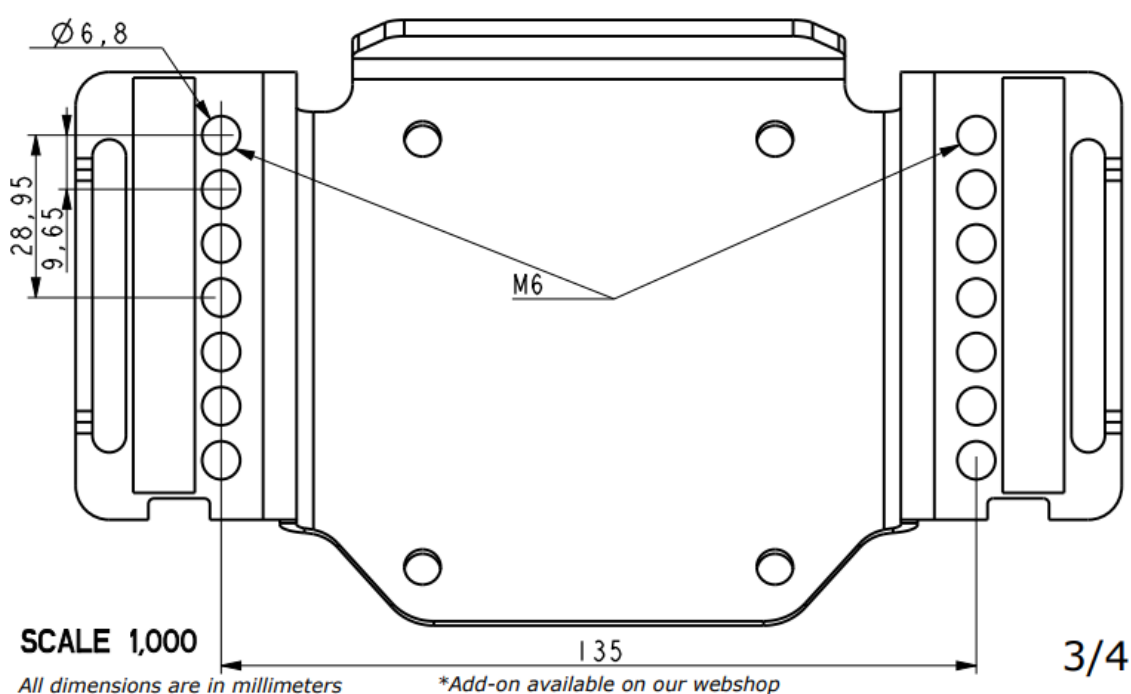
**Sold separately*

The Desk Mounting Kit is a system for mounting the T818 base on tables and desks, composed of a support plate, two brackets and a set of screws with nuts.





Mounting diagram on tables and desks



A mounting diagram on tables and desks is available at <https://support.thrustmaster.com/product/t818>.

You can print out the diagram and use it on your support in order to determine and prepare the locations for the screws.

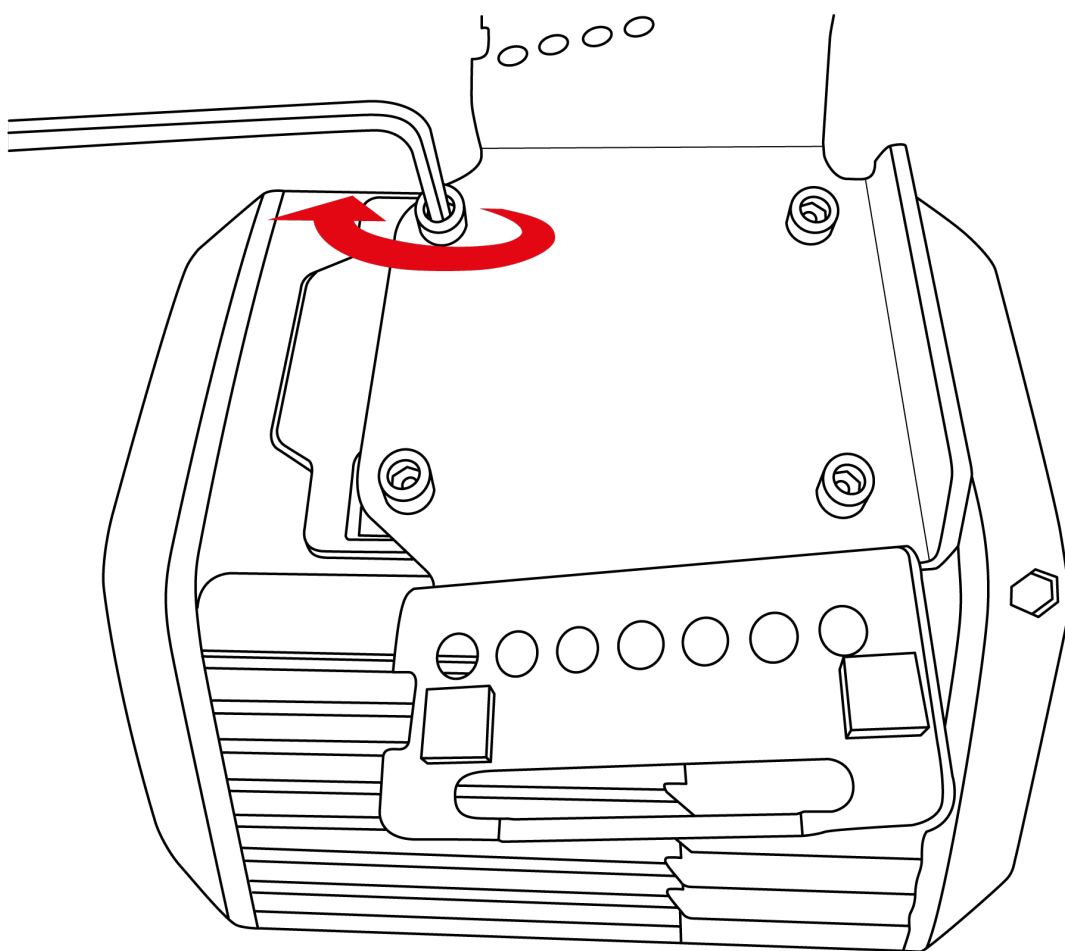


Only use the mounting systems and accessories specified by the manufacturer.

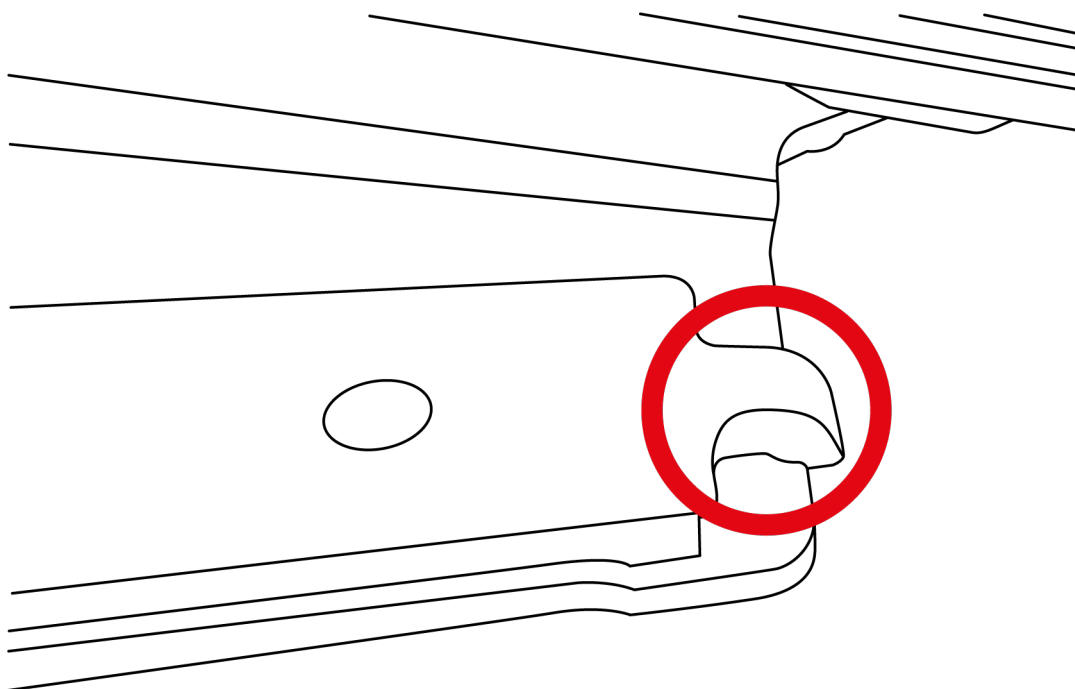


Installation procedure

- Position the mounting plate underneath the base, lining up the perforations.
- Tighten the four mounting screws clockwise.

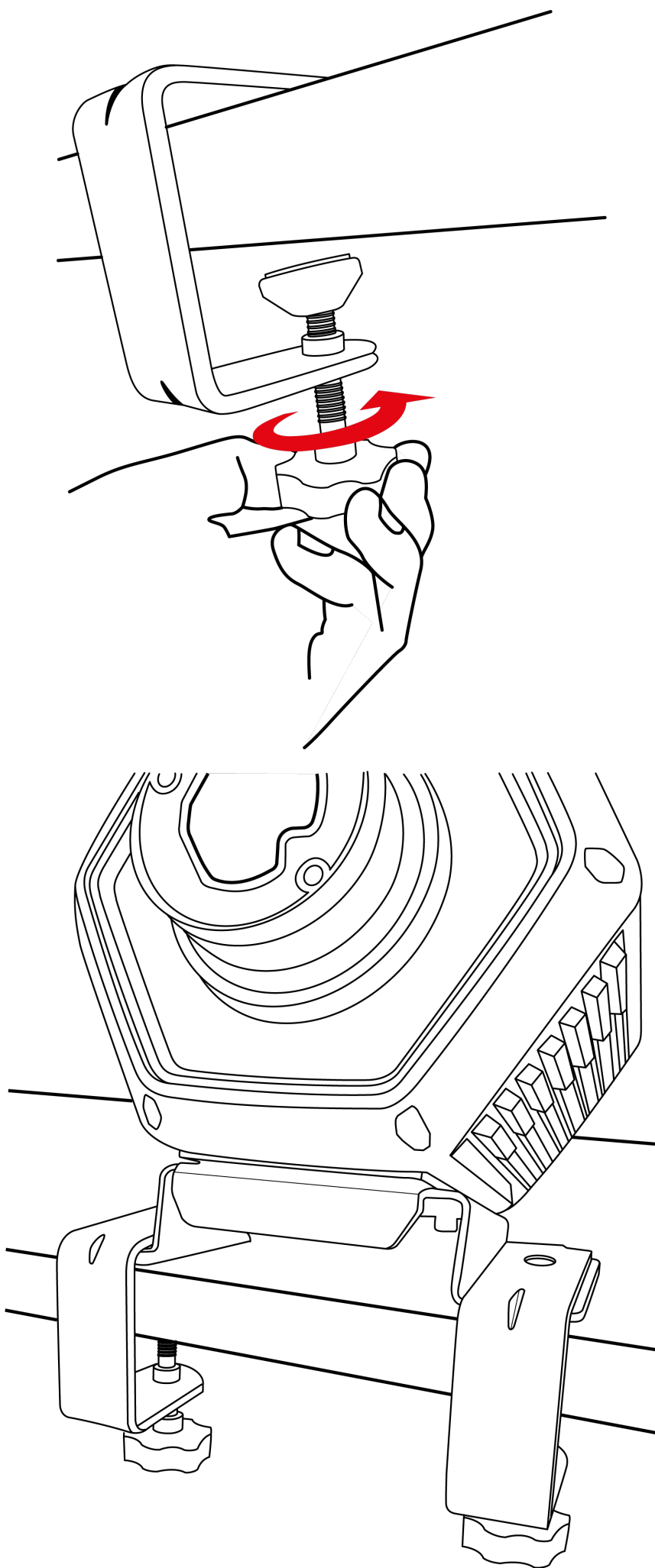


- Insert the brackets on each side. Make sure that they are properly positioned.





- Tighten the two clamping screws.





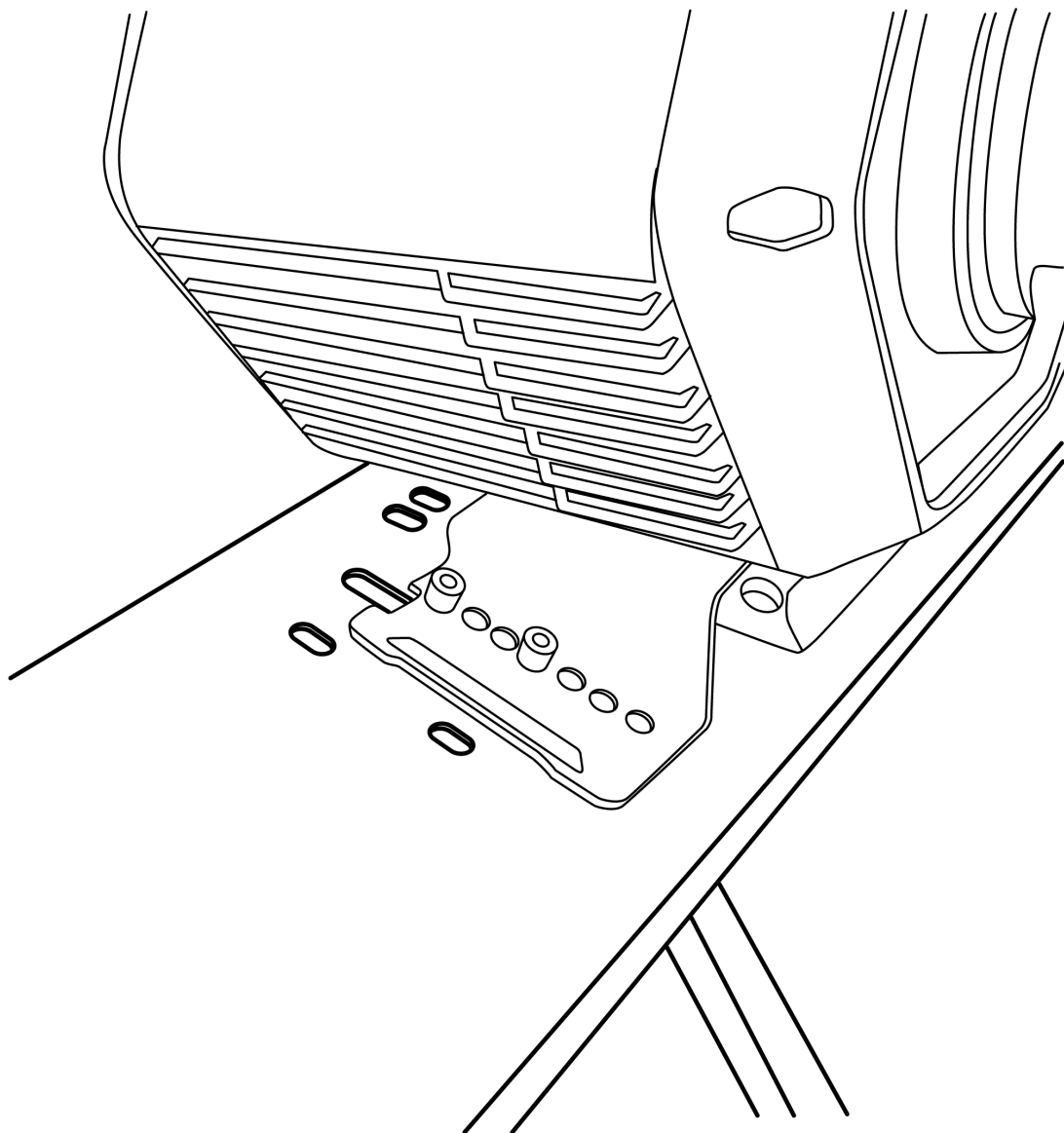
Solidity of the support

Take into account your support's material, in order to ensure that it is possible to mount a high-torque base on the support. This type of mounting is suitable for tables and desks whose thickness is between 2.5 and 4 cm, for the base to be used under the best conditions. T818 must be used on a table or desk made of a solid material (i.e. MDF or wood), without hollow components.

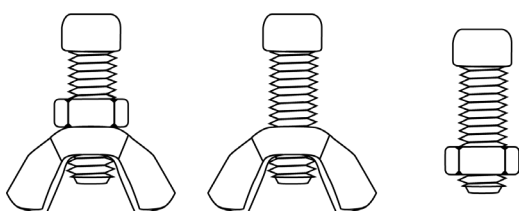


Option: mounting in a cockpit

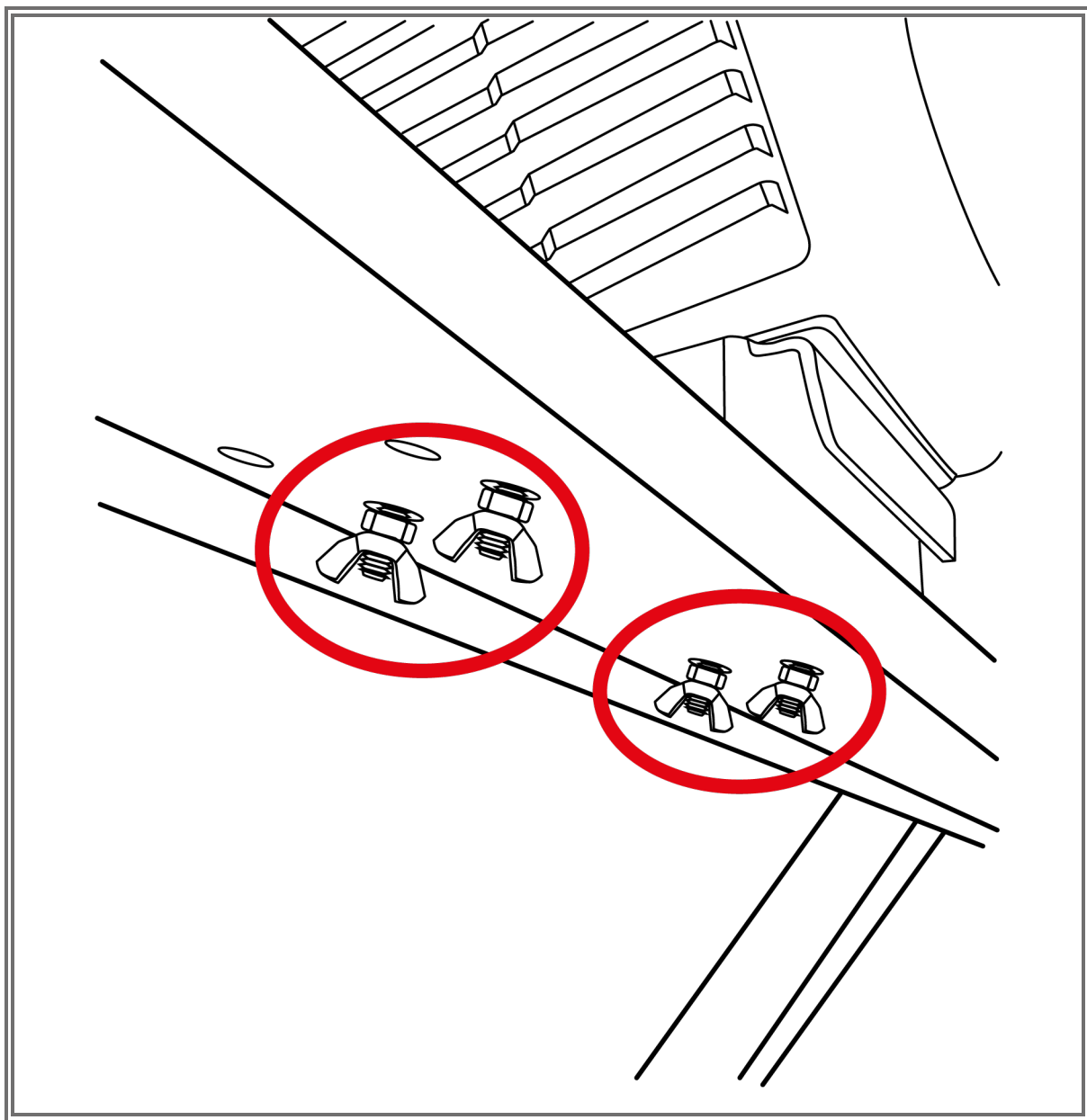
The Desk Mounting Kit can also be installed in a cockpit, if the cockpit's shelf can be tilted.



Use these screws included with the Desk Mounting Kit to attach the base to the cockpit's shelf. Three configurations of screws are possible, depending on your cockpit.



You don't need to use the brackets.

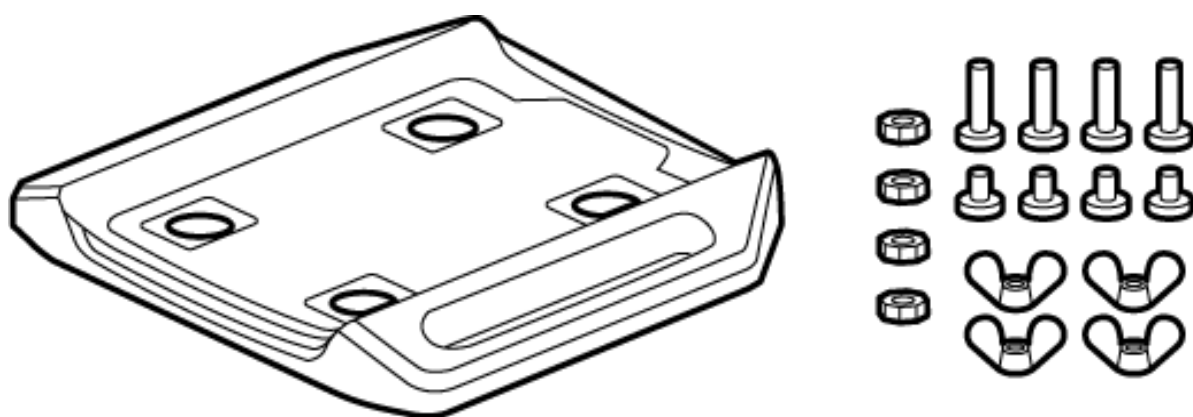
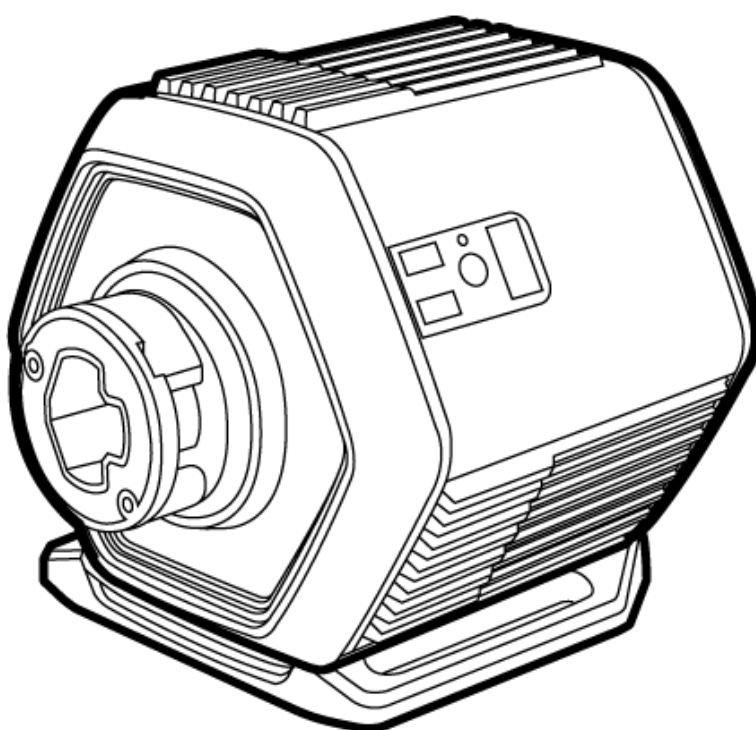




*Installation using the Cockpit Mounting Kit**

**Sold separately*

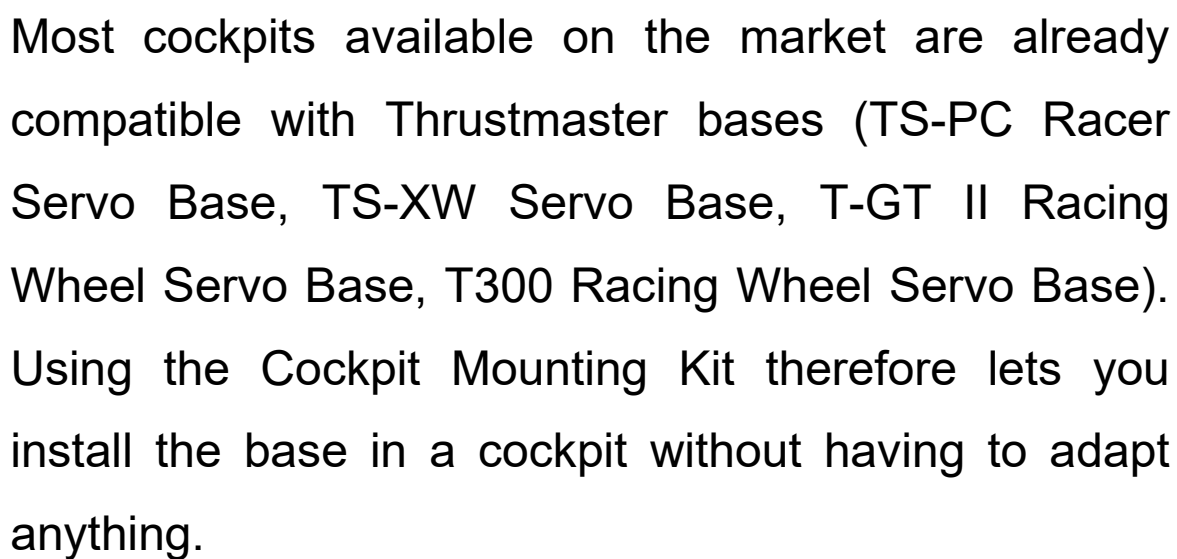
The Cockpit Mounting Kit is a system for mounting the T818 base in cockpits, composed of a support plate and a set of screws with nuts.





Technical drawing of a rectangular plate with rounded corners. The overall width is 135 and the overall height is 111,45. The plate features four large circular mounting holes arranged in a square pattern. The distance between the centers of these holes is 90,3. The plate has a double-line border. The inner border is 9,65 from the outer edge. The mounting holes are arranged in two vertical columns of five holes each. The distance between the centers of the holes in each column is 9,65. The distance between the center of a hole and the inner edge of the plate is 9,65. The distance between the center of a hole and the outer edge of the plate is 11,45. The plate has a thickness of 5.

You can print out the diagram and use it in your cockpit in order to verify your cockpit's compatibility.



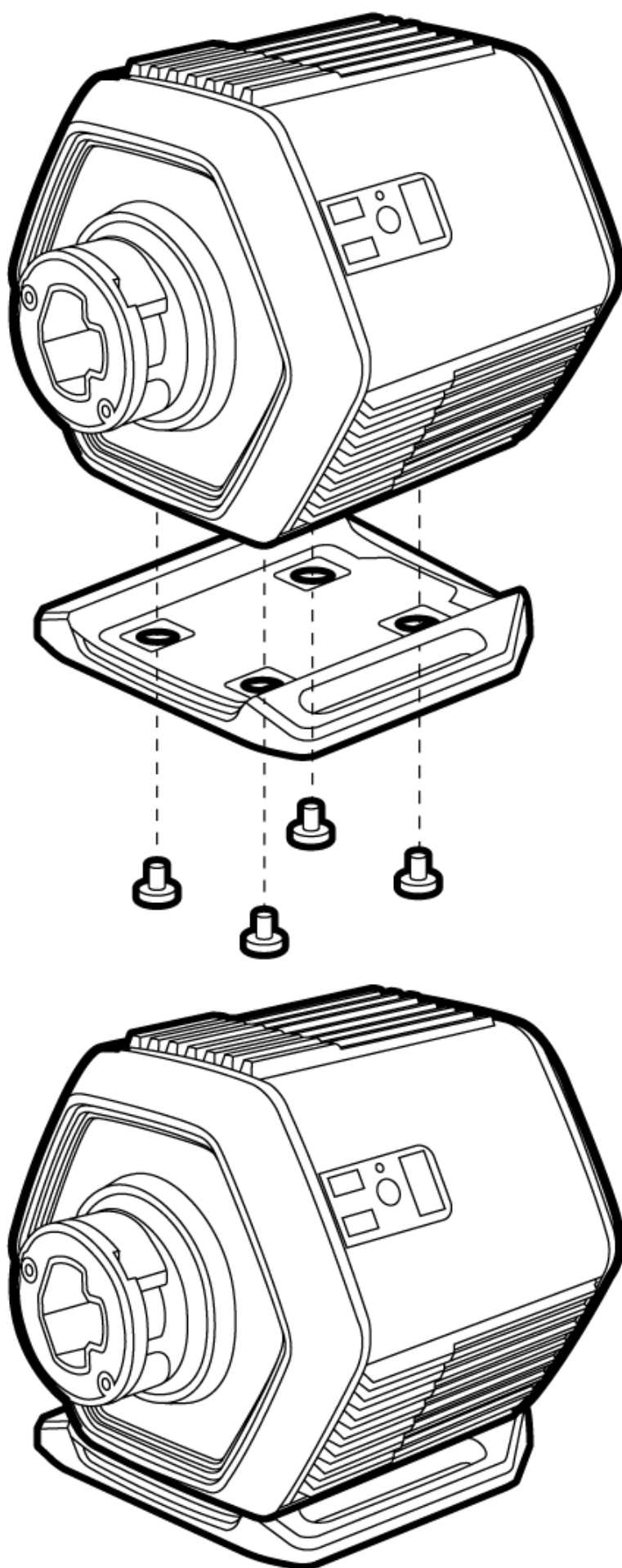


Only use the mounting systems and accessories specified by the manufacturer.



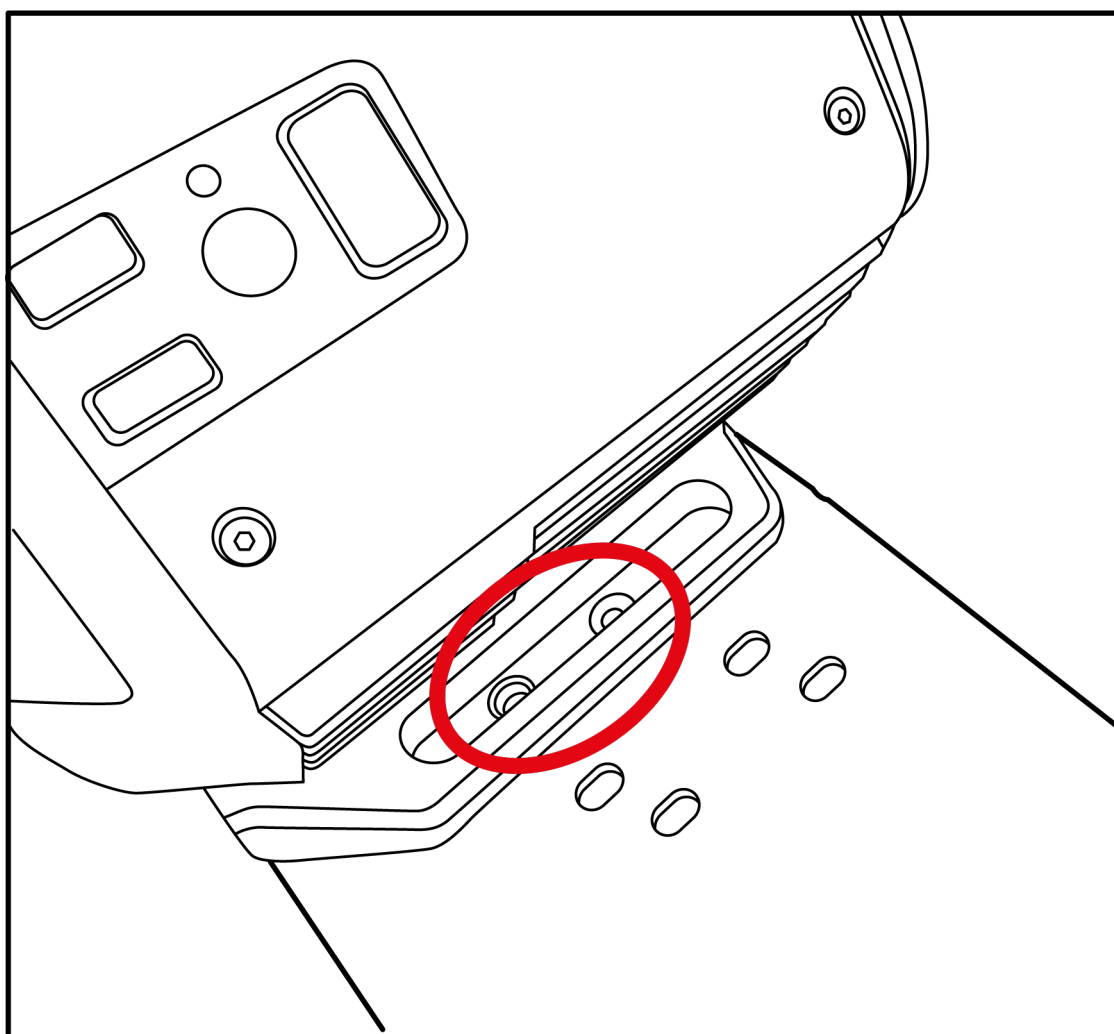
Installation procedure

- Assemble the Cockpit Mounting Kit on the T818 base.
- Tighten the four mounting screws clockwise.



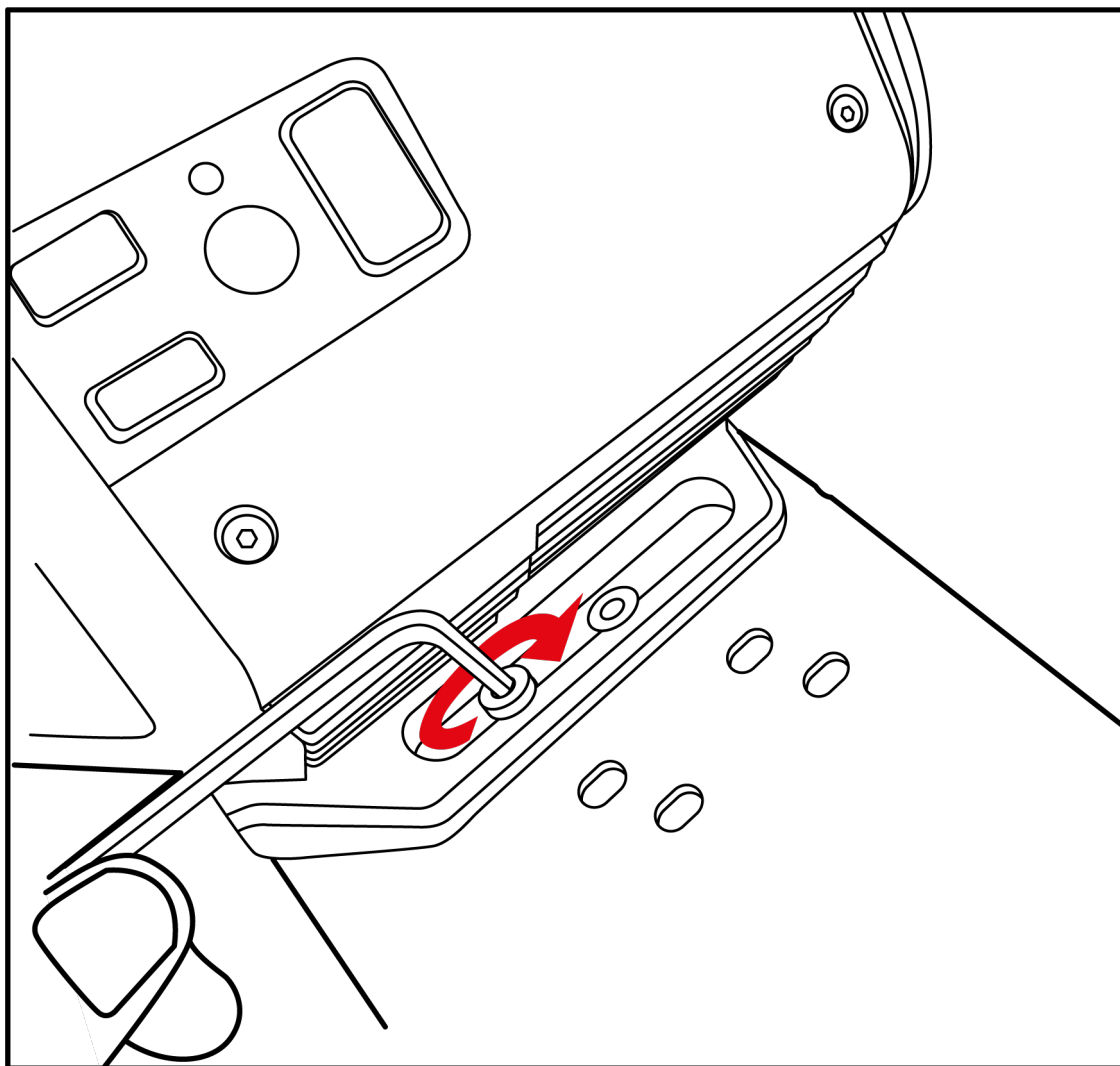


- Position the T818 base with the Cockpit Mounting Kit on the cockpit's shelf, lining up the perforations.





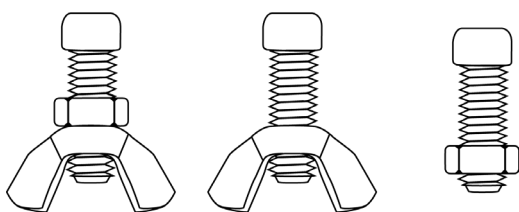
- Screw in the four mounting screws clockwise.





Set of screws

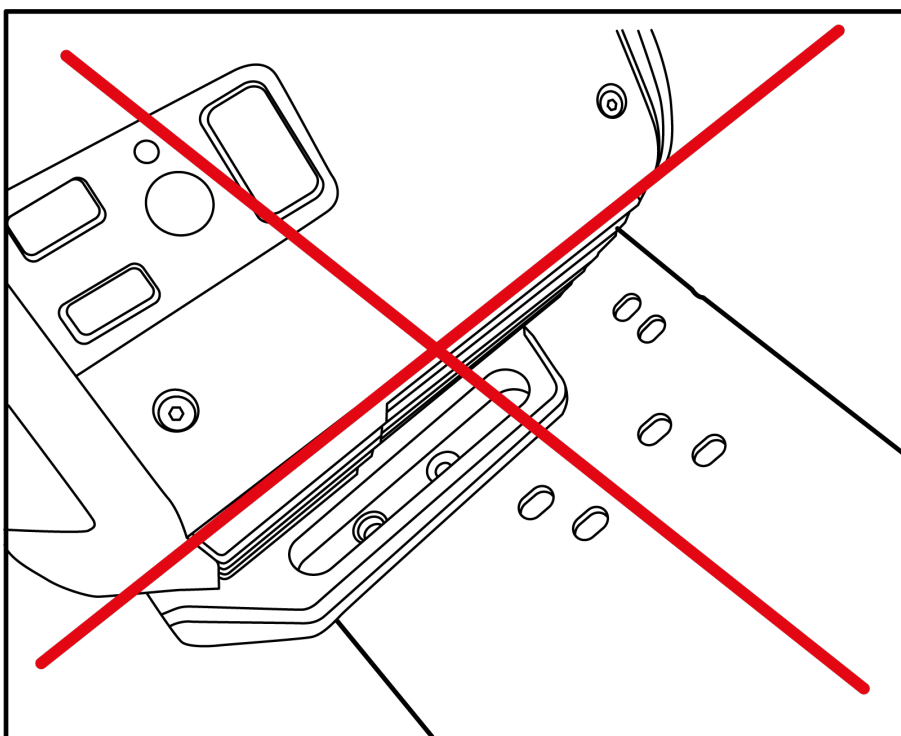
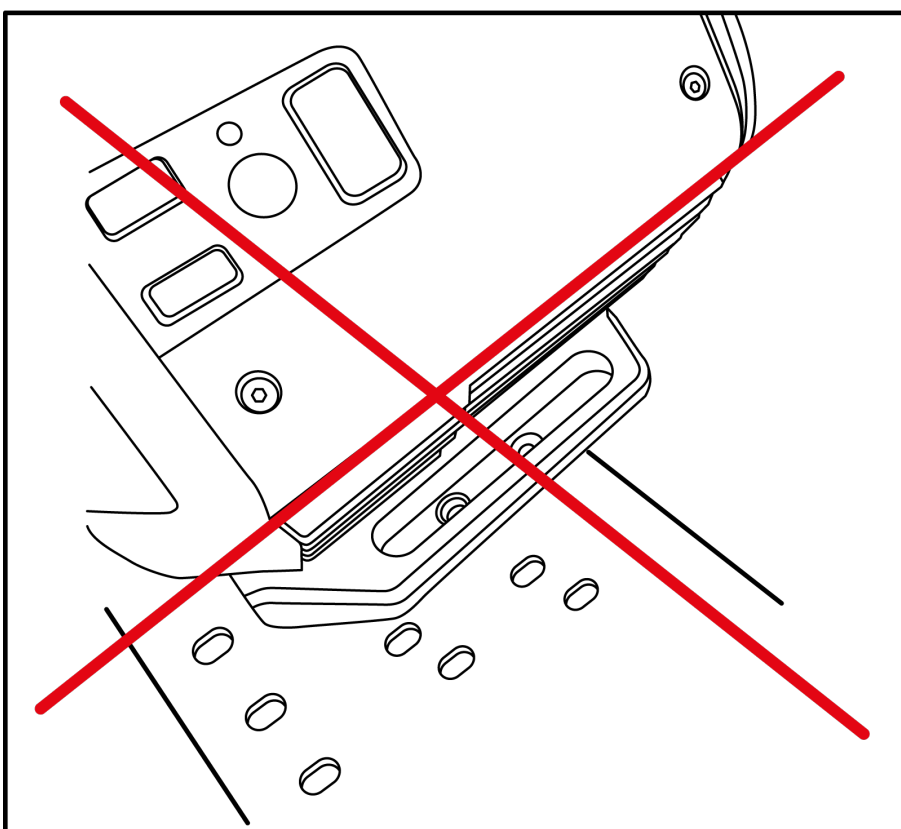
Use these screws included with the Cockpit Mounting Kit to attach the base to the cockpit's shelf. Three configurations of screws are possible, depending on your cockpit.





Stability

Do not mount the base with the Cockpit Mounting Kit on the front edge or rear edge of the shelf. Everything must fully rest on the shelf, and be screwed into the shelf.





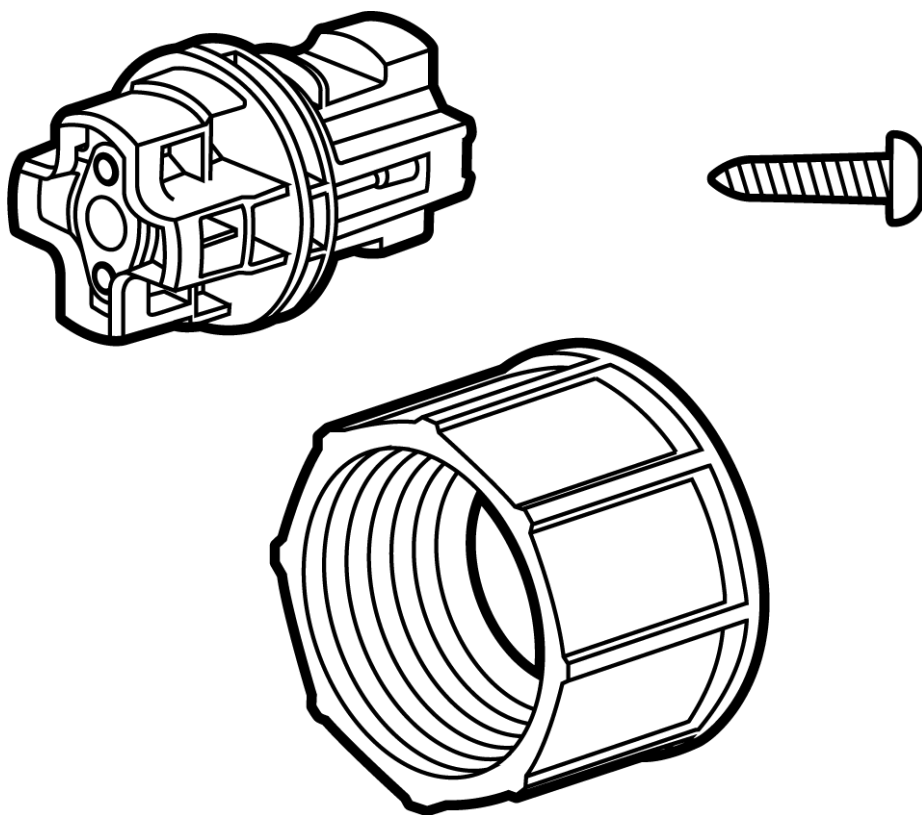
Getting into and out of the cockpit

Do not use the wheel's rim as a lever to help you get into or out of your racing seat: by doing so, you risk damaging your base and/or your wheel.



6. Installing a Thrustmaster wheel rim using the Quick Release Adapter*

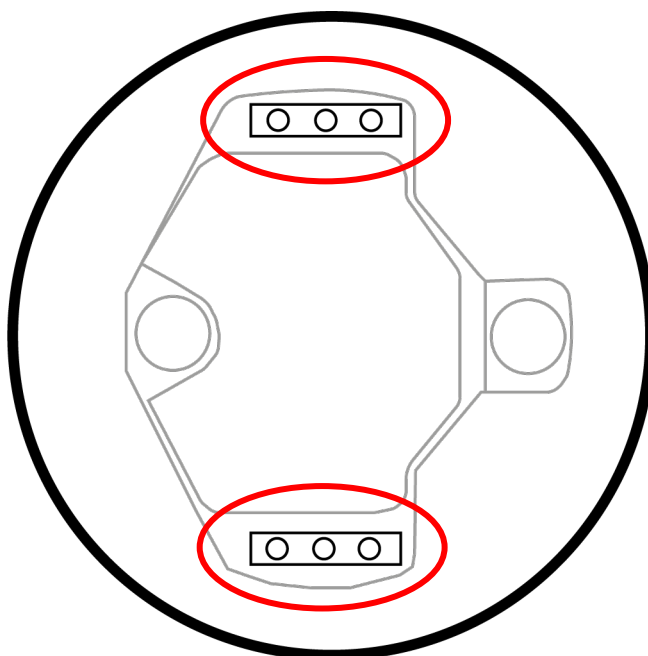
**Included with the T818 base. Also sold separately.*



The Quick Release Adapter is an adapter that makes the T818 base's fast release system compatible with the ecosystem of Thrustmaster wheel rims launched prior to 2023.

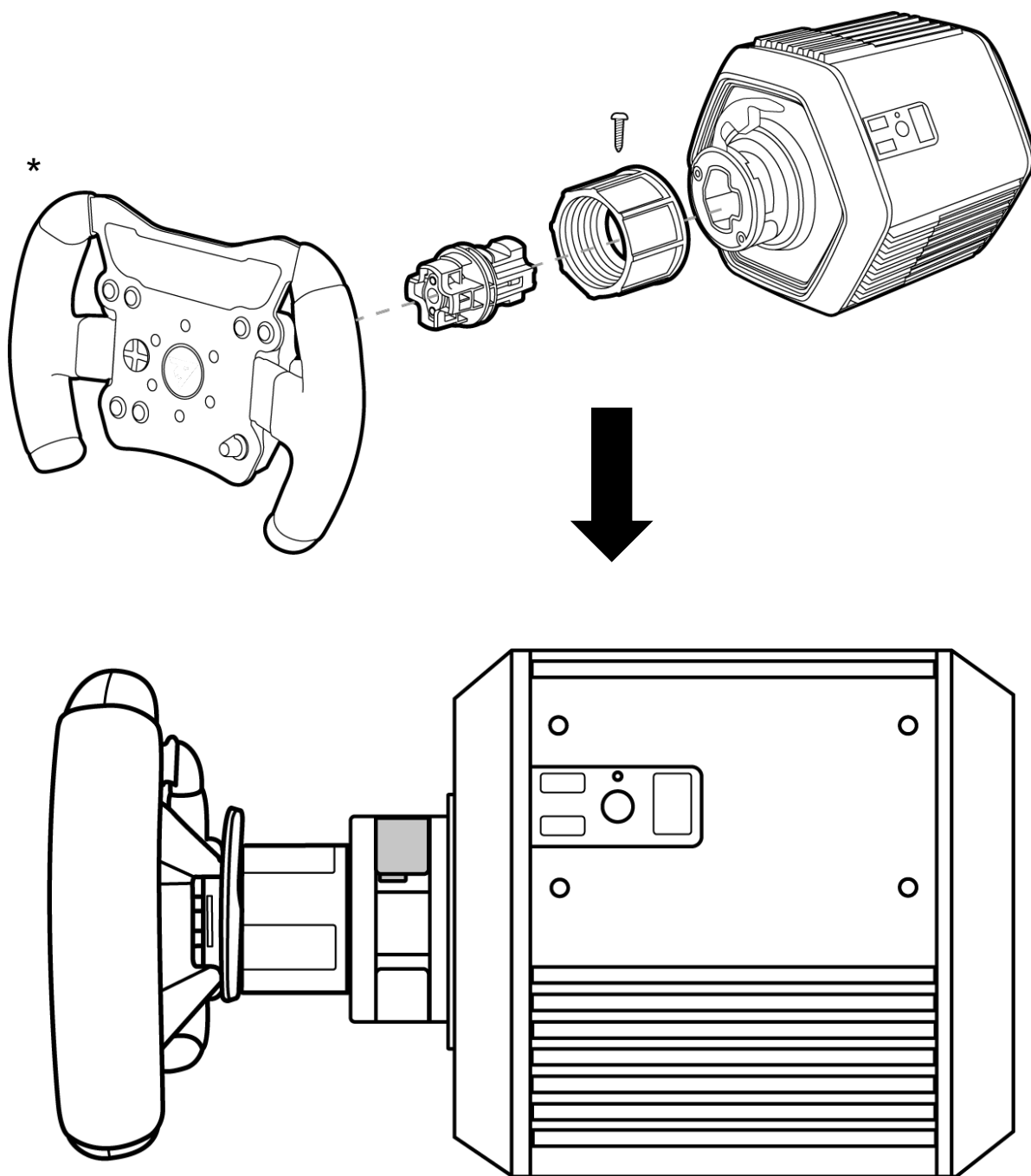


Manipulate the Quick Release Adapter with care. It is equipped with pins which, in the event that they are damaged, will render the wheel unusable.





Installing the Quick Release Adapter on the T818 base

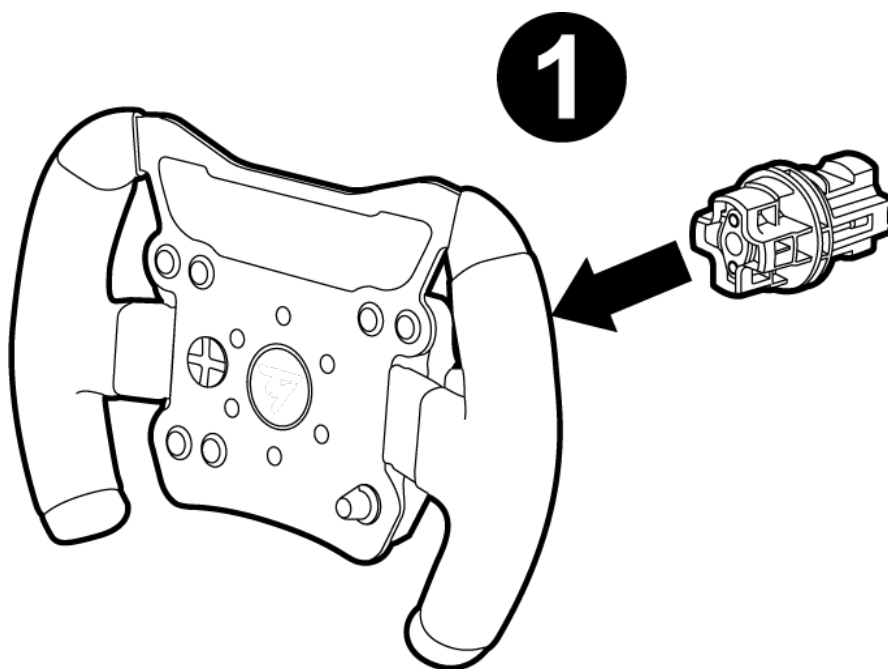


Power off the base using the On/off button **1** before attaching a wheel rim or changing a wheel rim.

**Wheel rim sold separately*



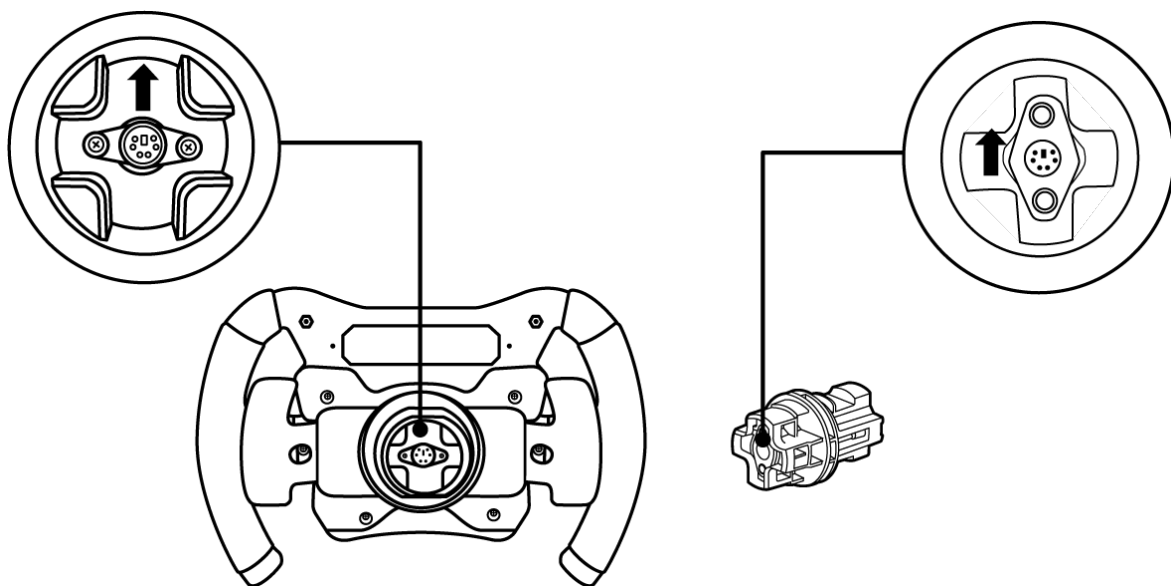
Mounting procedure



- Insert the adapter in the wheel rim's connector.

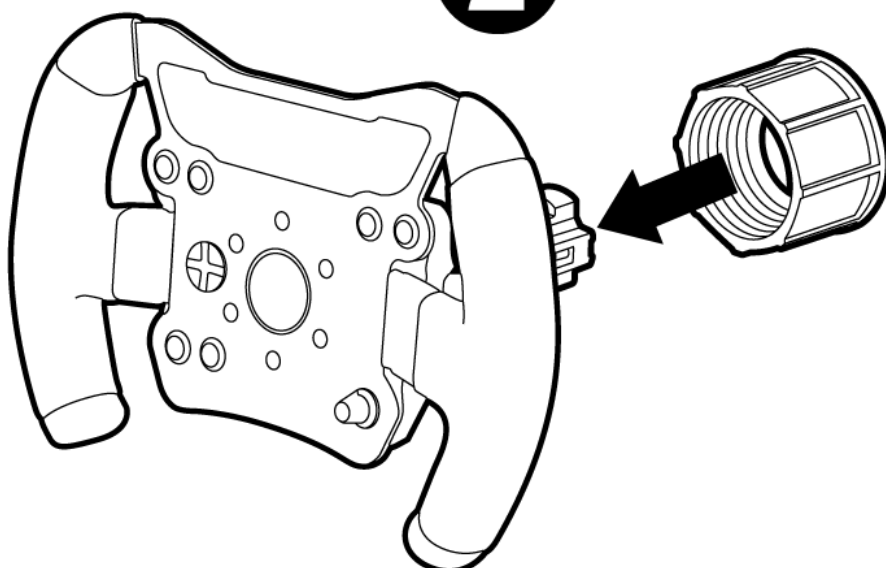


Be sure to respect the insertion direction, so as not to damage the connectors. Use the arrows below to help guide you.

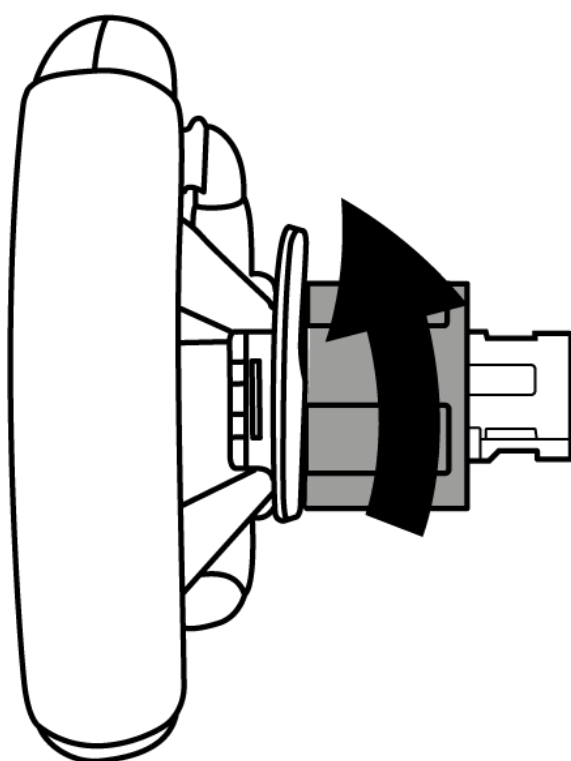




2

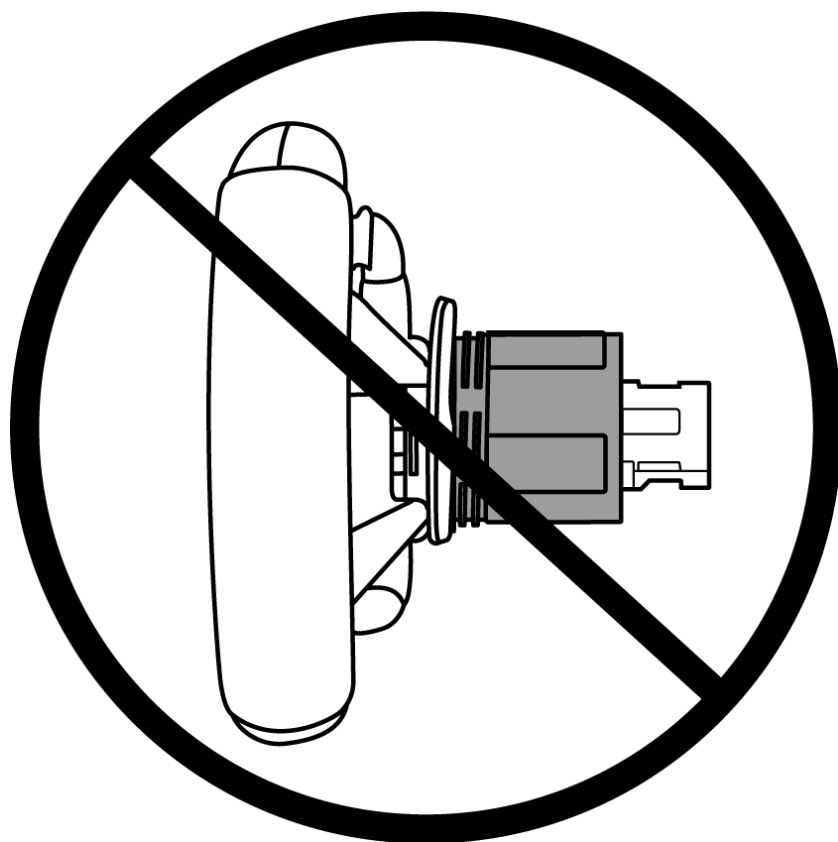
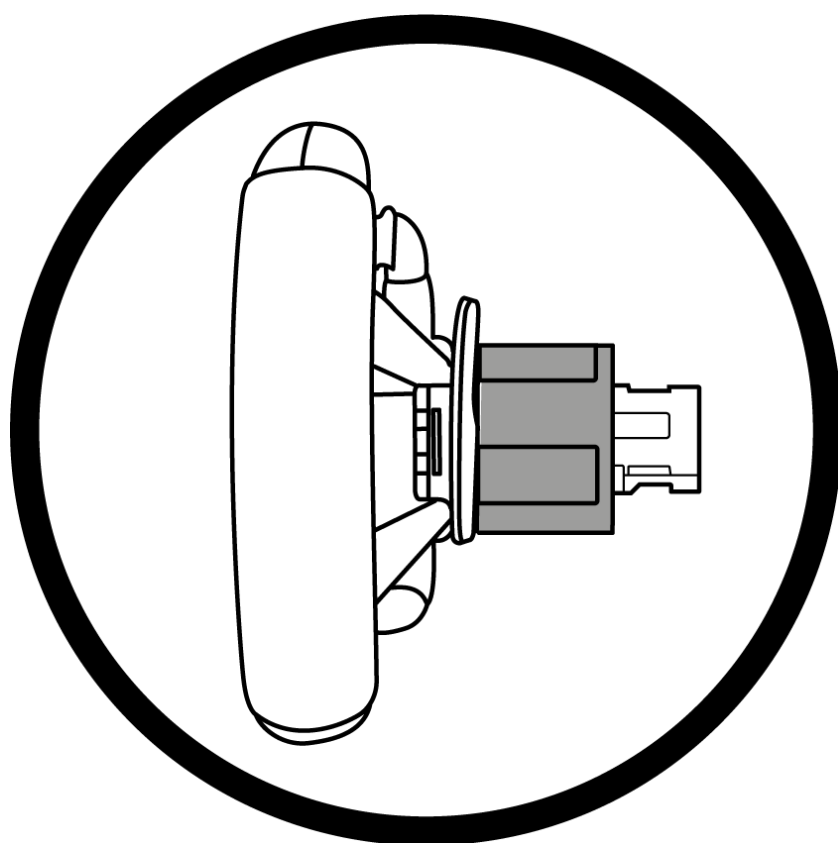


- Insert the clamp ring in the adapter. Fully tighten the ring.



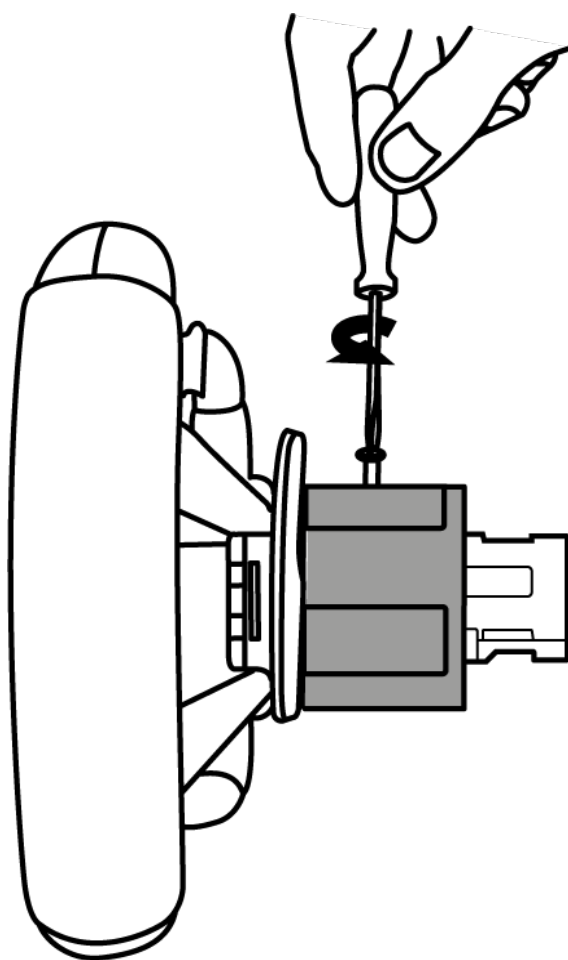


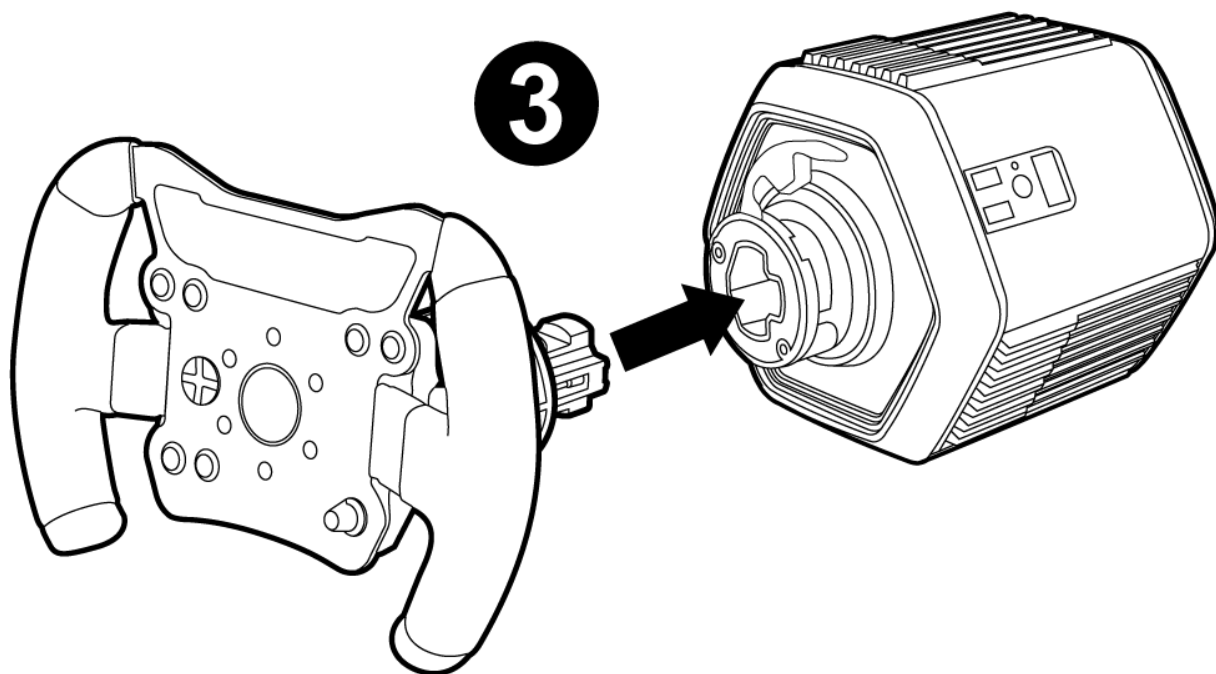
If your wheel is not detected in the Control Panel or does not work in games, it is possible that the clamp ring has not been fully tightened.



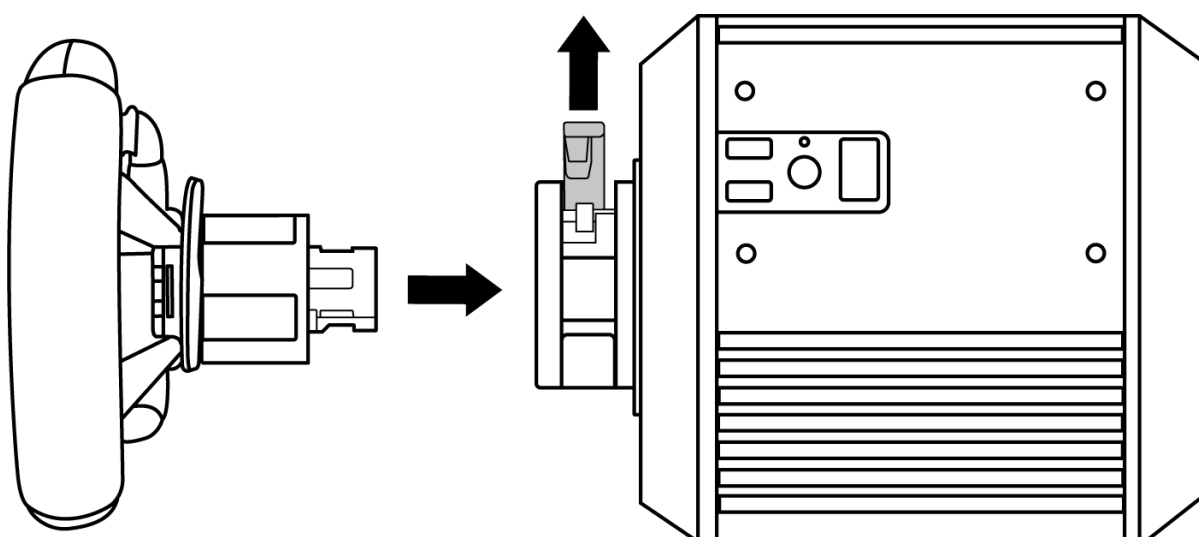


- Tighten the screw using an appropriate cross-headed (i.e. Phillips head) screwdriver (not included).





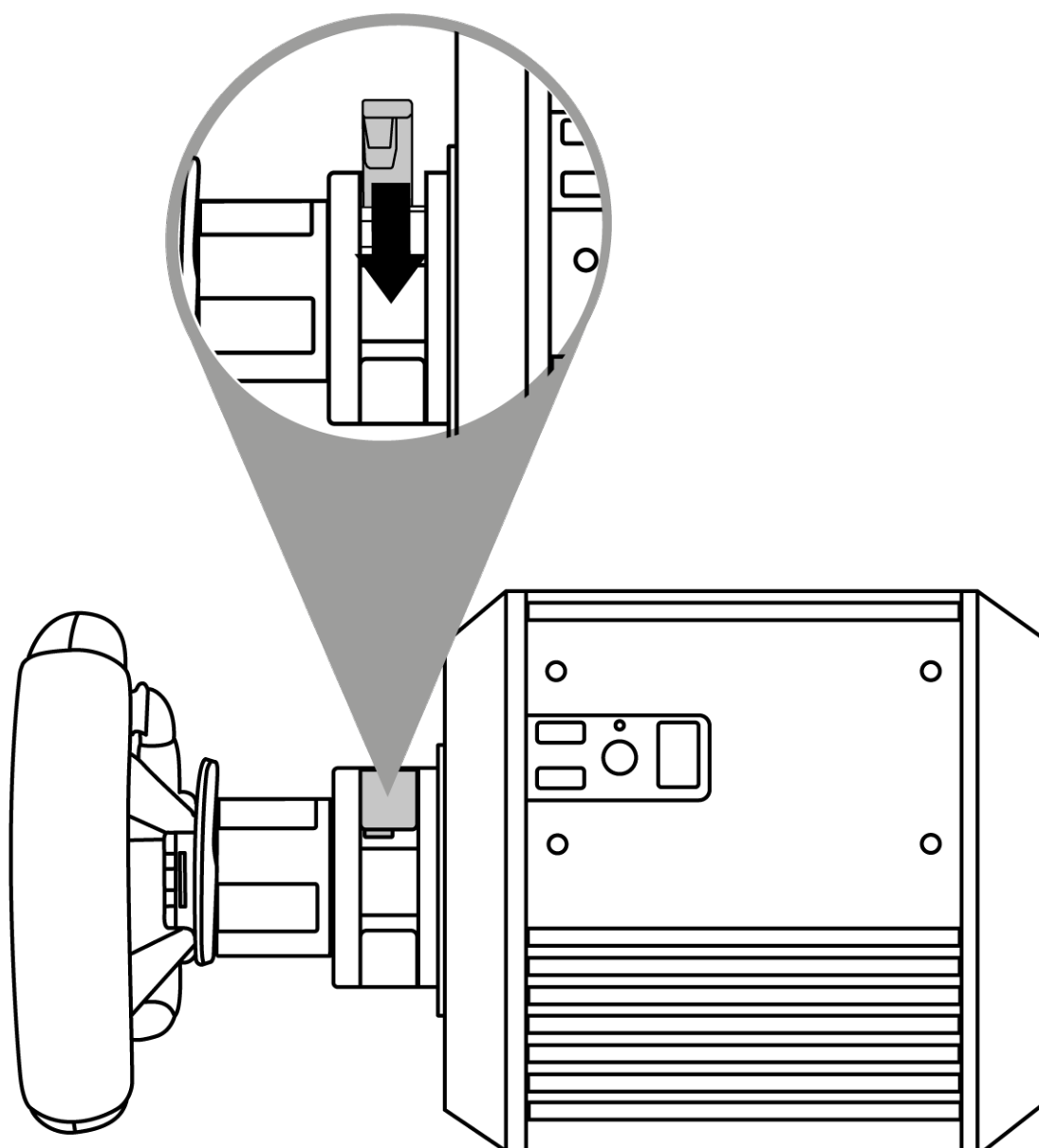
- Insert the wheel into the base.



Make sure that the locking lever is in the open position.



- Lower the locking lever.



Pinch hazard

Do not leave your finger in the locking system when lowering the lever.

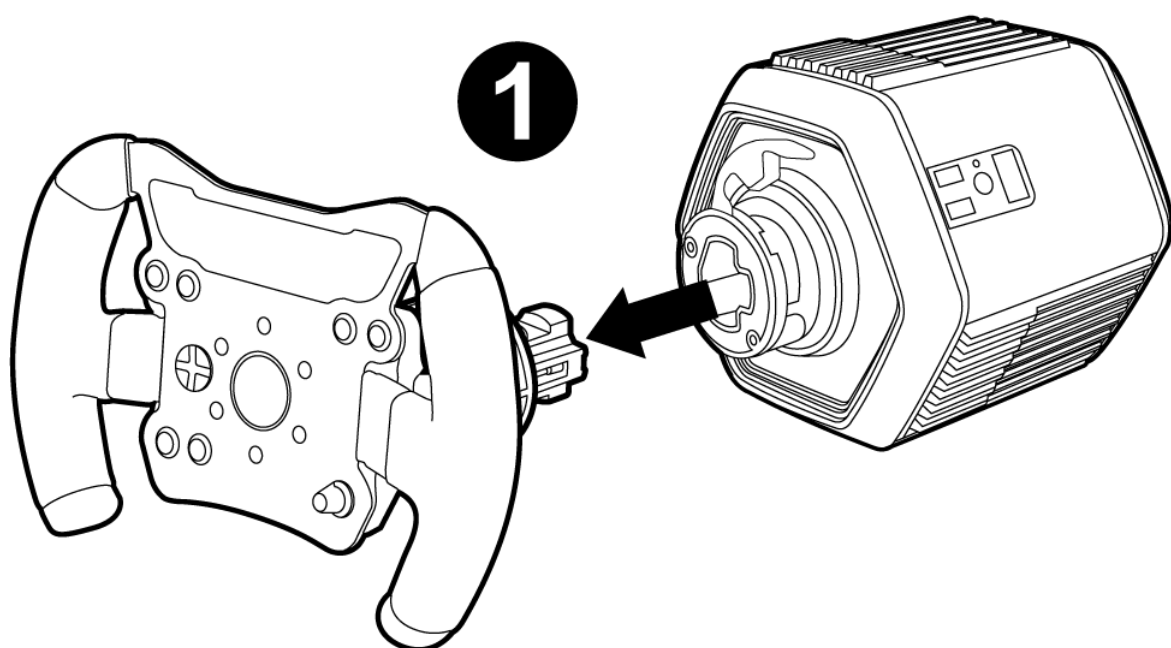
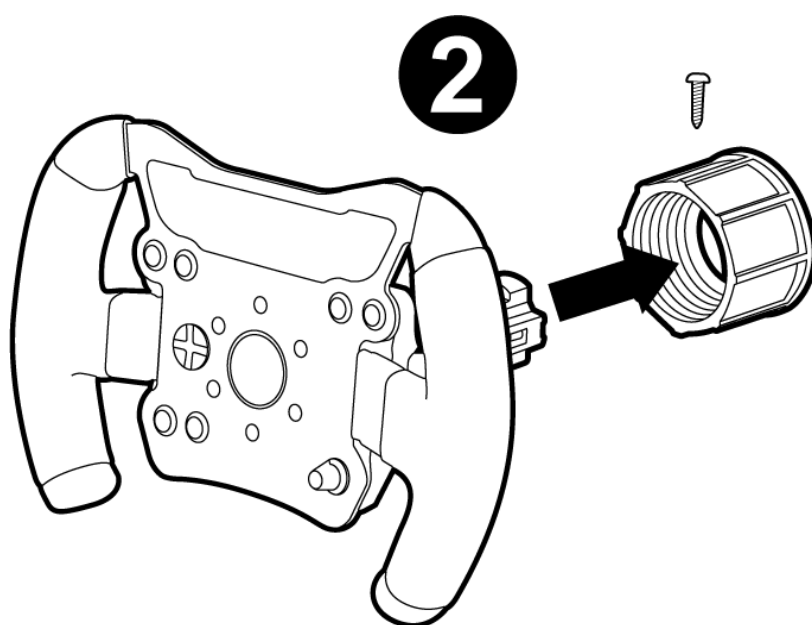
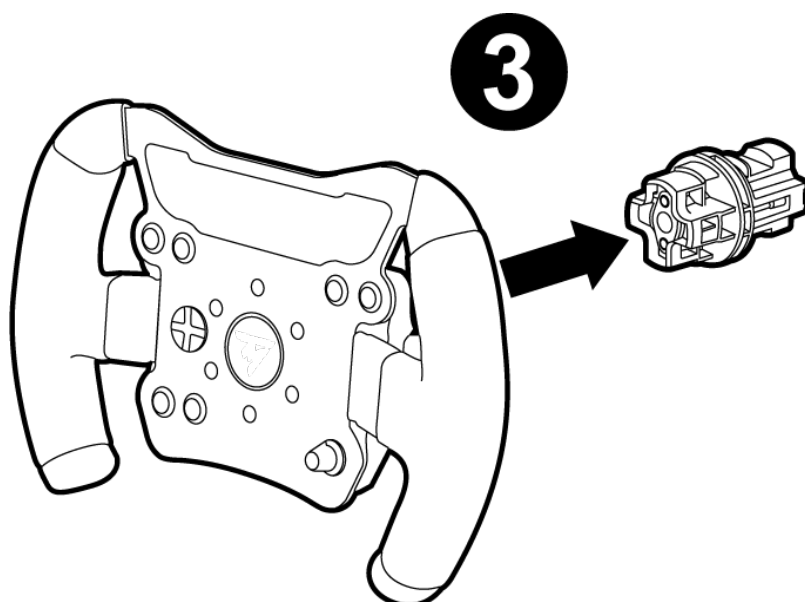


Before each use, verify that the base is still properly attached to the support, as per this manual's instructions.



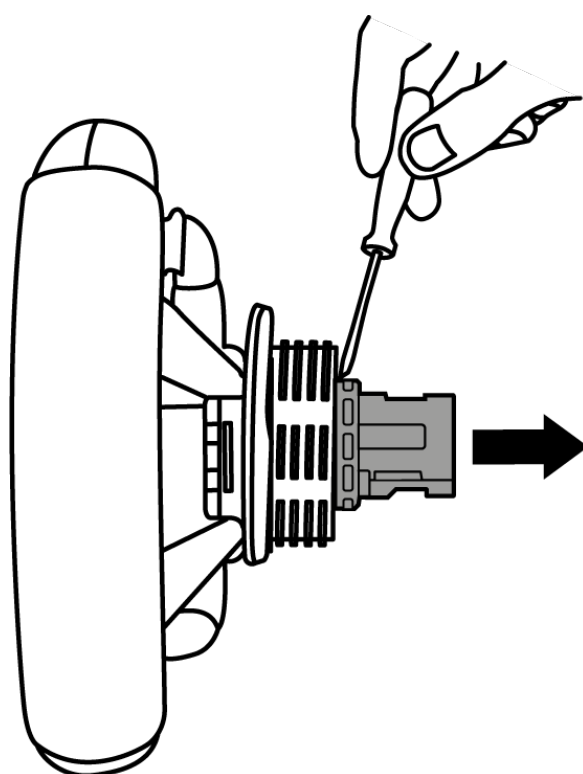
Dismounting procedure

Carry out the dismounting procedure by reversing the mounting procedure steps, as shown below.





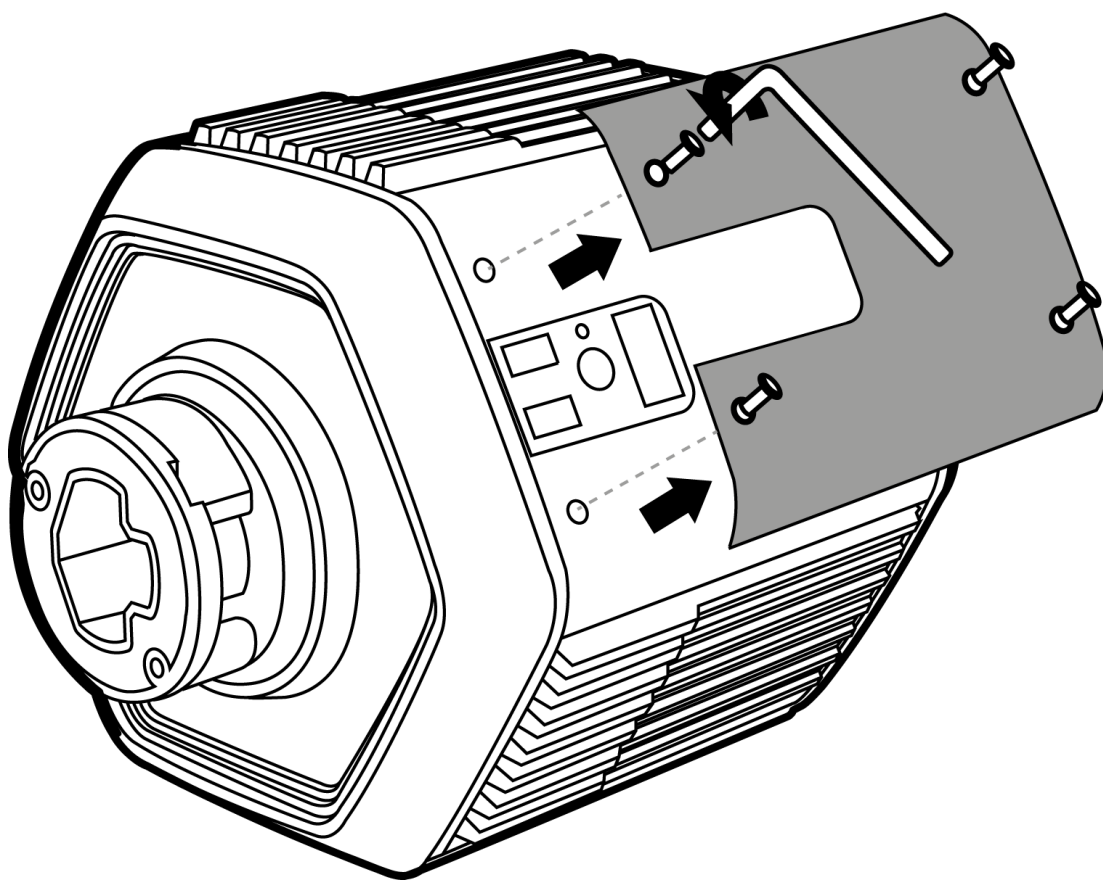
It may be necessary to use a tool (a screwdriver or equivalent — not included) to act as a lever and remove the adapter, if the adapter cannot be removed by hand.





7. Changing the side plates

You can customize the look of your T818 base thanks to interchangeable metal plates (sold separately), available in a variety of colors.



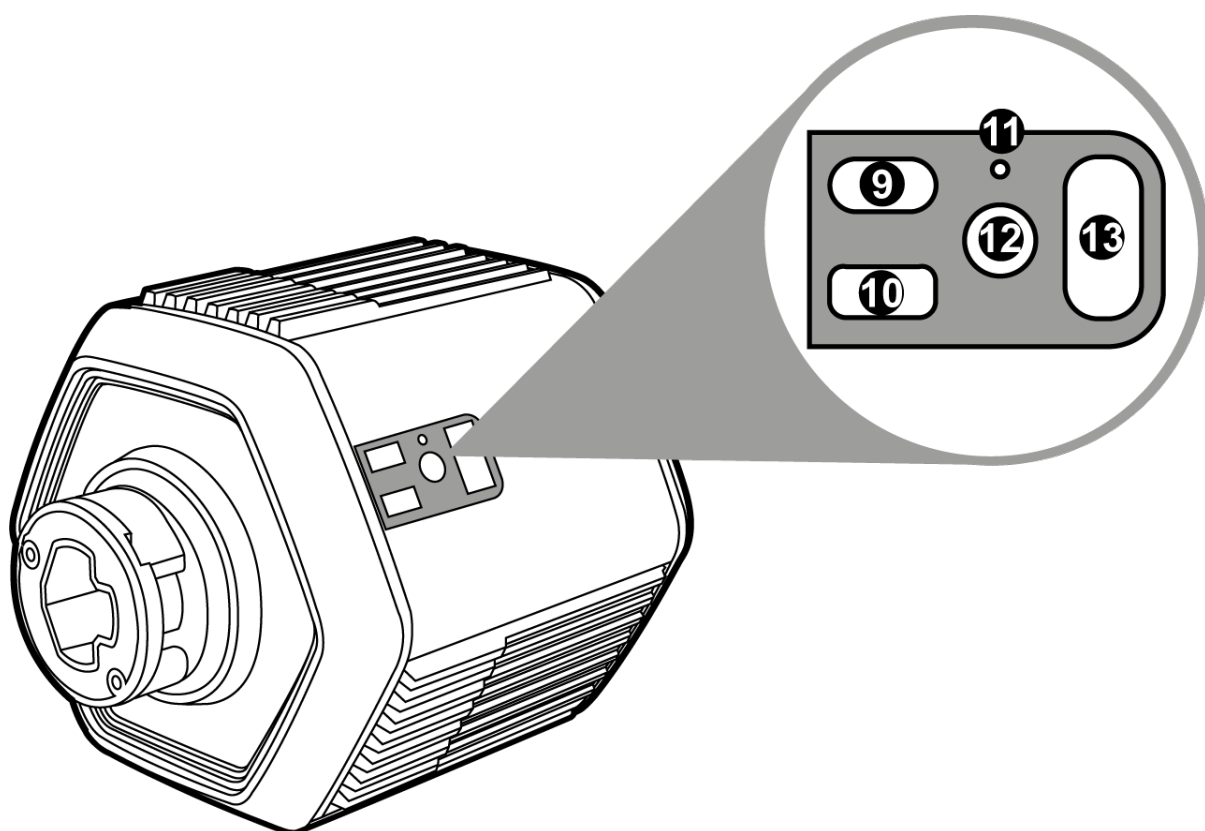
- Unscrew the four screws on each side of the base using a 2 mm Allen key (not included) in order to remove the plates.



When putting the plates back on the base, be careful not to overtighten the screws.



8. T818 hardware control panel



9 / 10 Action buttons 22 and 23

11 LED

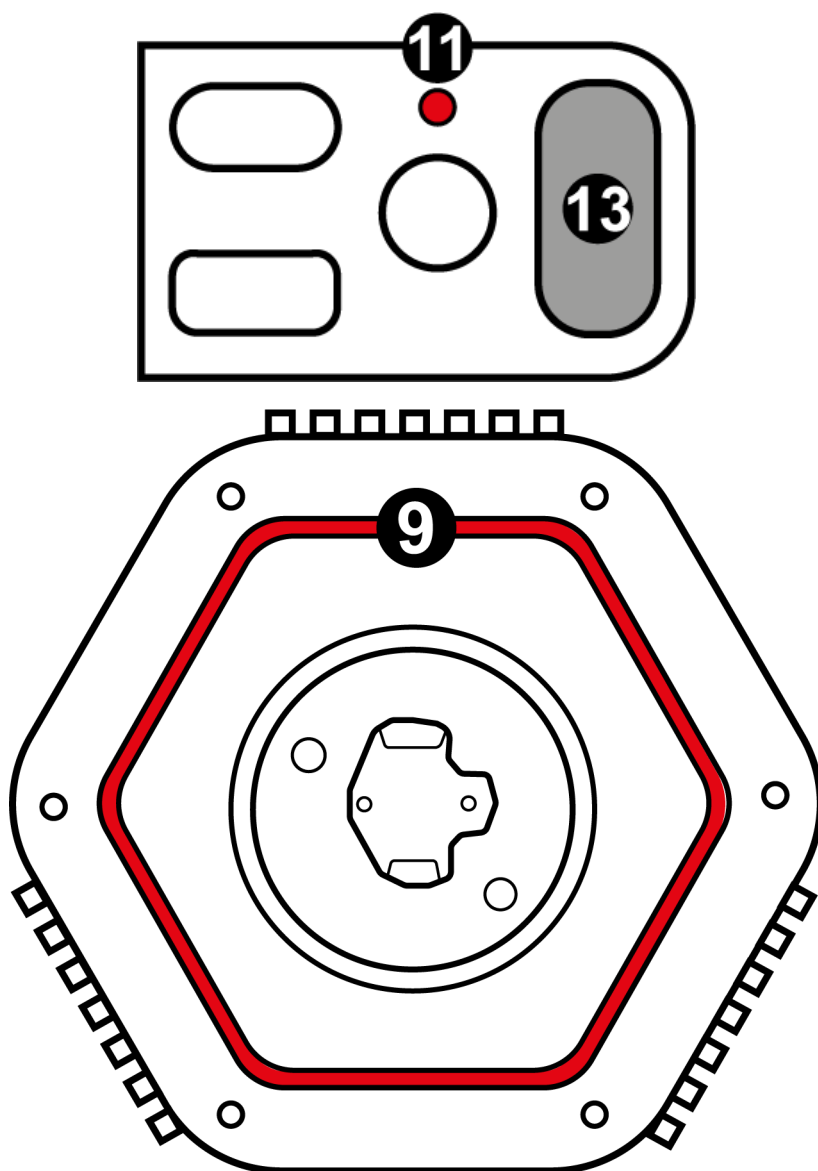
12 Multifunctional Mode button

13 Button to turn off Force Feedback



Turning off the base's Force Feedback

For any reason, it is possible to turn off the base's Force Feedback at any time thanks to the dedicated button 13.



- Press the button to turn off Force Feedback 13 once. The LED 11 and the hexagon of RGB LEDs 9 on the front face flash red.



Should you feel any pain or discomfort, slide your thumbs towards the exterior of the wheel rim while your palms remain against the wheel rim and your other fingers grip the wheel, then quickly release your fingers and completely let go of the wheel. Next, press the button to turn off Force Feedback **13** while making sure that your hands avoid the wheel and do not come into contact with it.

Do the same if another person wants to start using the wheel instead of you, or if someone wants to take or touch an object that should not have been placed in the vicinity of the wheel.

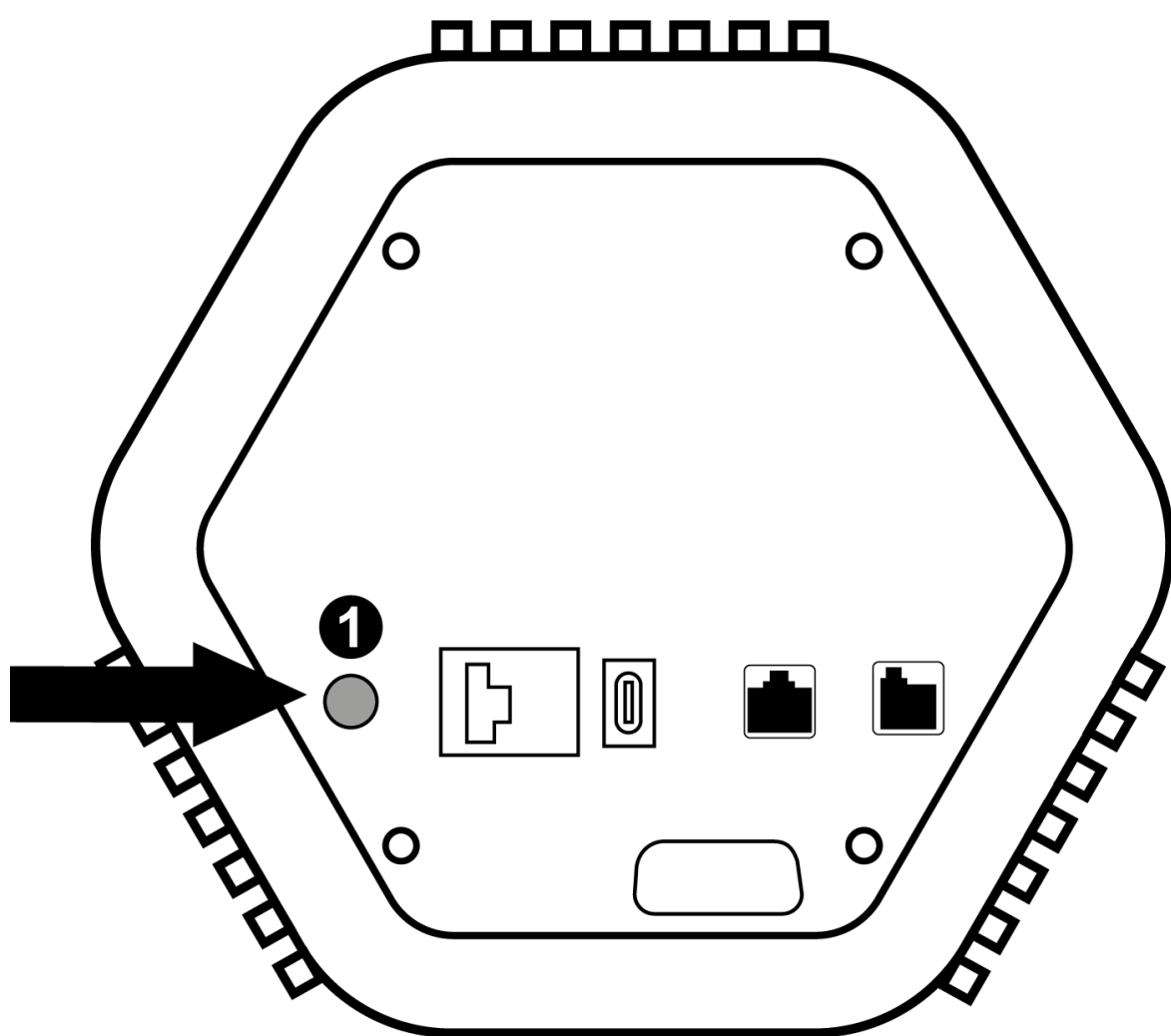


Turning off Force Feedback does not disable the wheel's buttons and steering. The video game continues: you can play, but you won't experience any Force Feedback.



Turning Force Feedback on the base back on

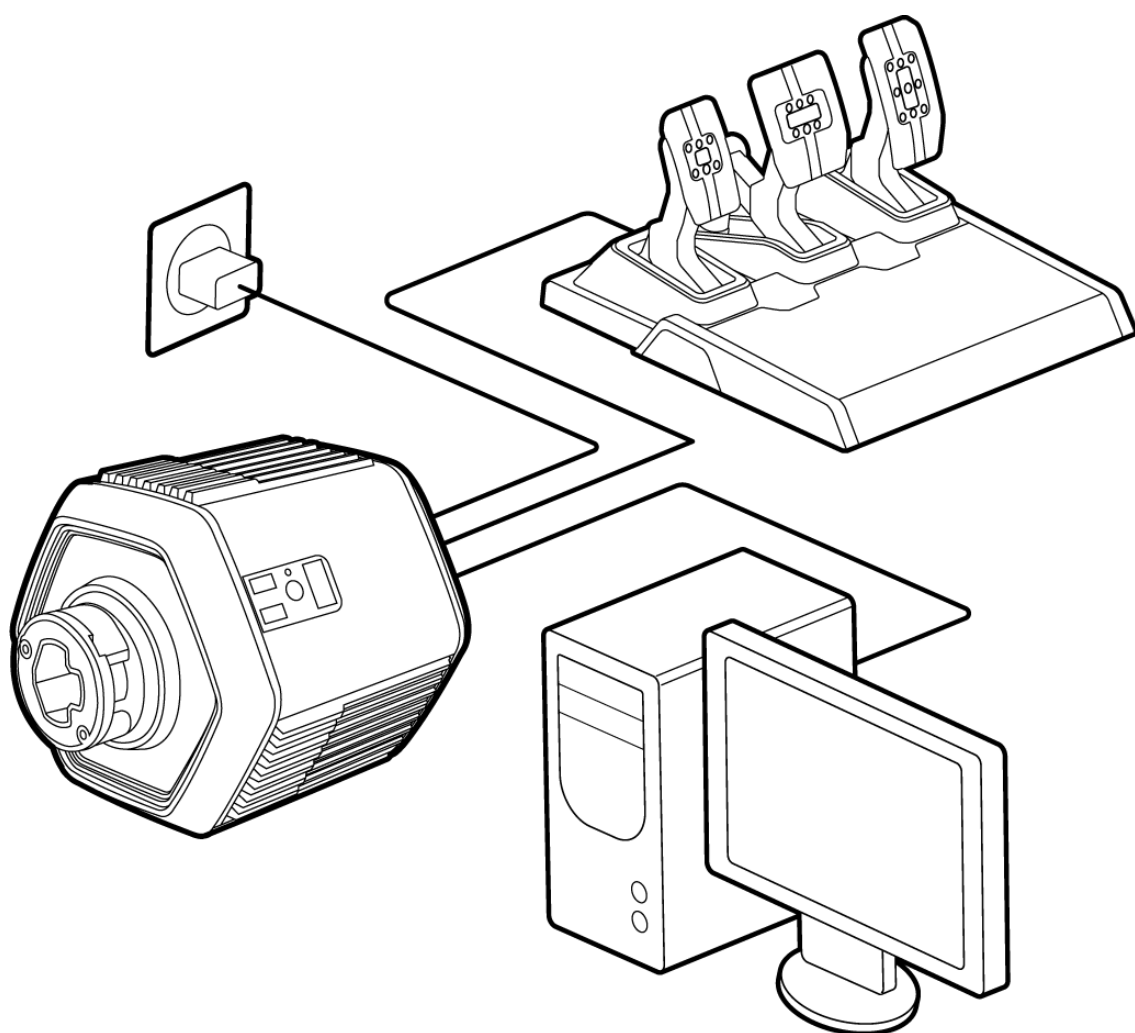
If you have turned off the Force Feedback on the base and want to experience Force Feedback effects again, you must power off the base and then power it back on using the On/off button **1**.



If the Force Feedback effects are still disabled, restart the video game.



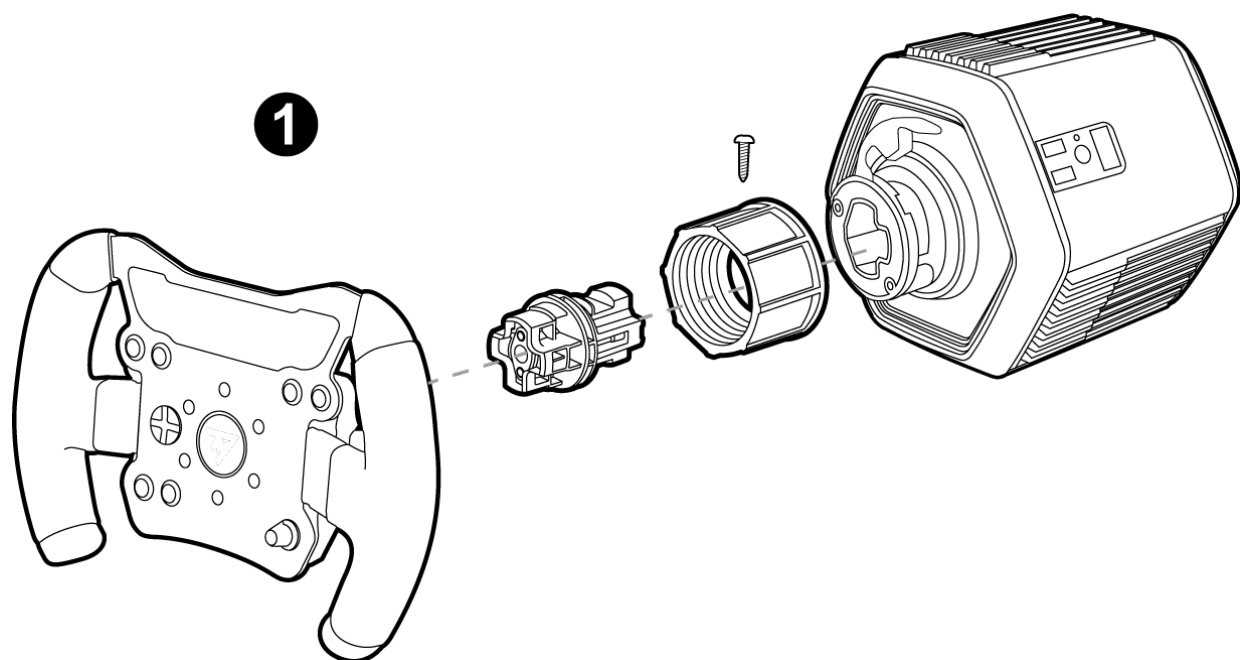
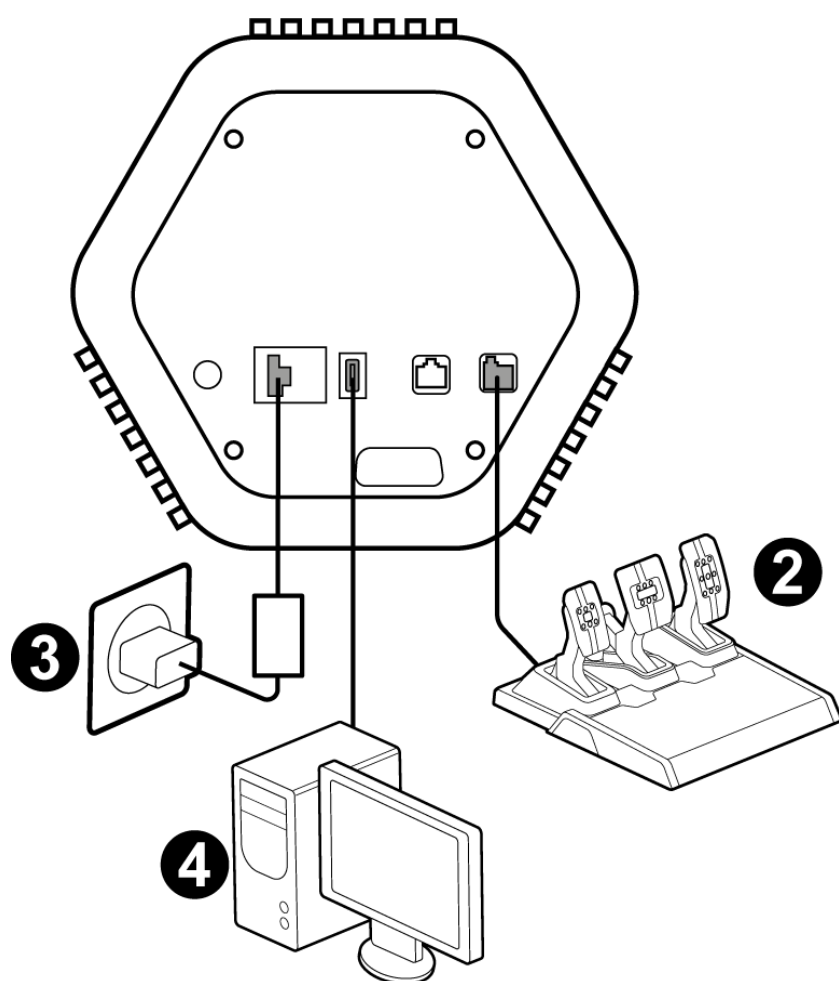
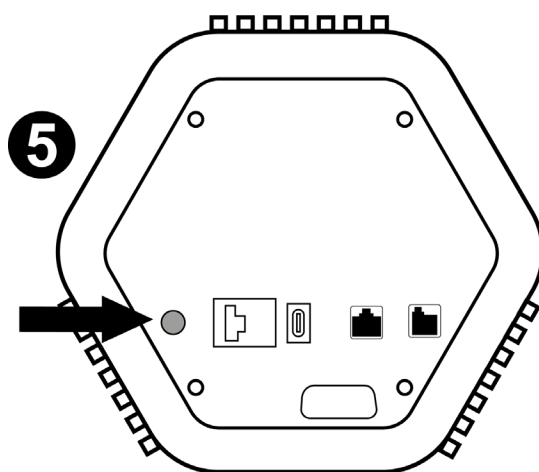
9. Installation on PC



The T818 base is compatible with PC (Windows® 10/11).

Before plugging in and connecting your T818 base, visit <https://support.thrustmaster.com> to download and install the drivers and Force Feedback software for PC. Click **Racing Wheels / T818**, and then click **Drivers**.

Your wheel's firmware version appears in the upper right-hand side, in the tabs of the T818's software Control Panel.





❶ Install the wheel rim on the base (for more information, please refer to section **6. Installing a Thrustmaster wheel rim using the Quick Release Adapter**).

❷ Connect the pedal set (not included) to the RJ12 connector on the base.

❸ Plug the power adapter into an electrical outlet.

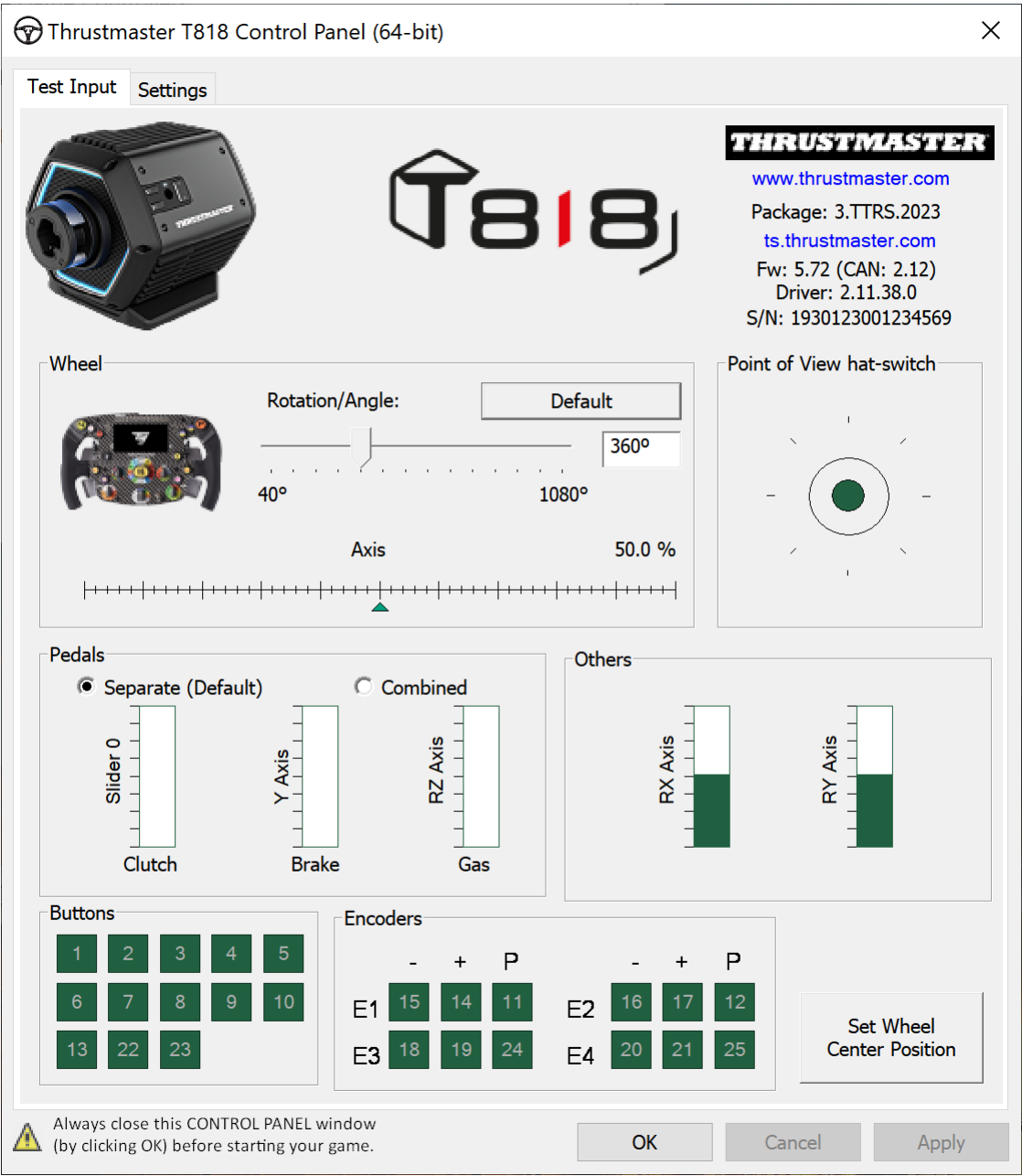
❹ Connect the USB cable to the USB-C port on the base, and to a USB-A port on your PC.

❺ Press the On/off button to power on the base.

Your wheel automatically self-calibrates.

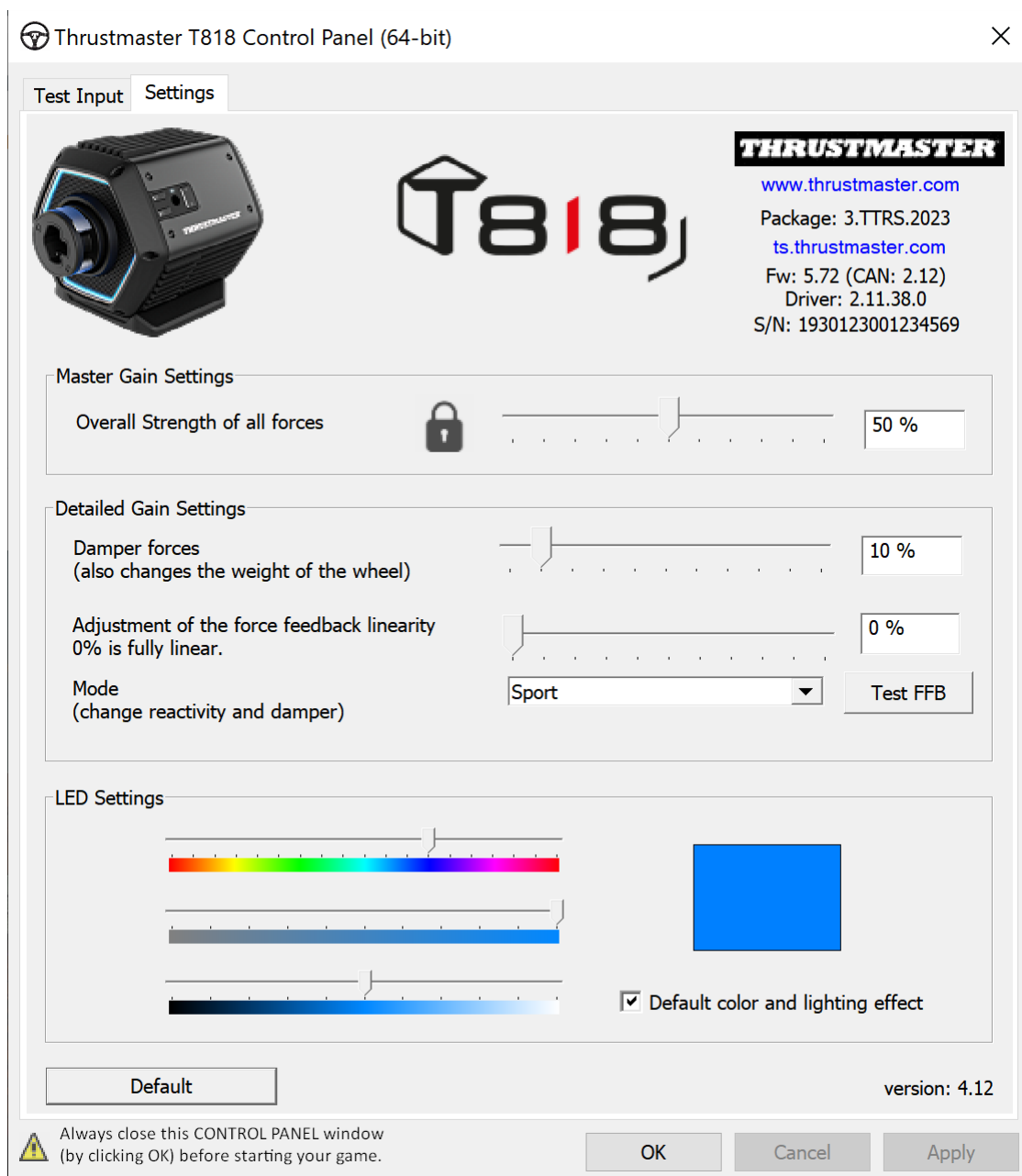


- Select **Start / Thrustmaster / FFB Racing Wheel / Control Panel** to open the Game Controllers window. The Game Controllers window displays the racing wheel name **Thrustmaster Advanced Mode Racer**, along with **OK** status.
- Click **Properties** to configure your racing wheel in the T818's software Control Panel:
 - **Test Input** tab: lets you test and view the buttons, directional buttons and axes for the racing wheel (as well as the axes for the pedal set), and adjust the racing wheel's angle of rotation in your PC games.





- **Gain Settings** tab: lets you adjust the power of Force Feedback effects in your PC games, as well as adjust the LEDs.



By unlocking the lock, you can:

- increase the Master Gain forces up to 100%,
- decrease the Damper forces down to 0%,
- access Performance mode and Extreme mode.



- Do not set Force Feedback to a level that is too high in relation to your expertise and your physical condition. Use the button to turn off Force Feedback, if necessary.
- Do not overestimate your expertise: in real life, even the best race drivers cannot avoid all accidents and, in racing simulation, each video game uses different Force Feedback effects.



Always remember to completely close the Control Panel by clicking **OK** before starting up or playing a video game.

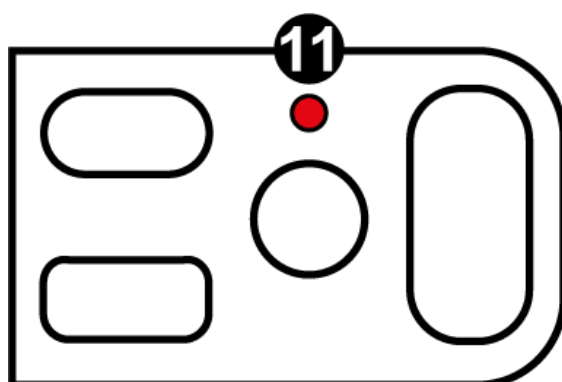
Exit the game before modifying any settings in the Control Panel.



10. Pedal set* mode

**Sold separately*

Each time the base restarts (and after it self-calibrates), the LED ⑪ indicates the mode — **position** and **type** — in which your pedal set is configured.





Pedal set position

The pedal set features two different positions: **normal** and **inverted**.



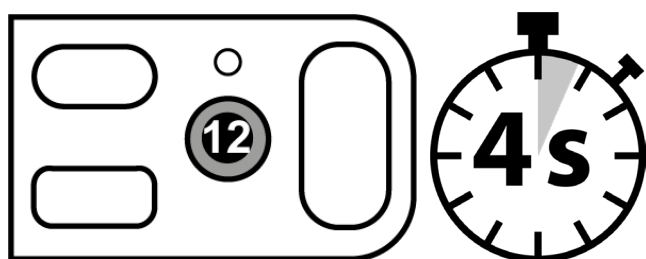
The **normal** position corresponds to the default position (clutch on the left / accelerator on the right).

In the **inverted** position, the accelerator and clutch pedals are inverted (accelerator on the left / clutch on the right): this position is only possible with a 3-pedal pedal set.



Switching from normal position to inverted position (and vice versa)

- Press and hold down the **Mode** button 12 for **four seconds**.



	Steady red LED = normal position
	Steady green LED = inverted position



Pedal set type

Two types of pedal sets are detected by the T818 base: **T2PM-T3PA-T3PM** without Load Cell technology (default type), and **T-LCM** with Load Cell technology.

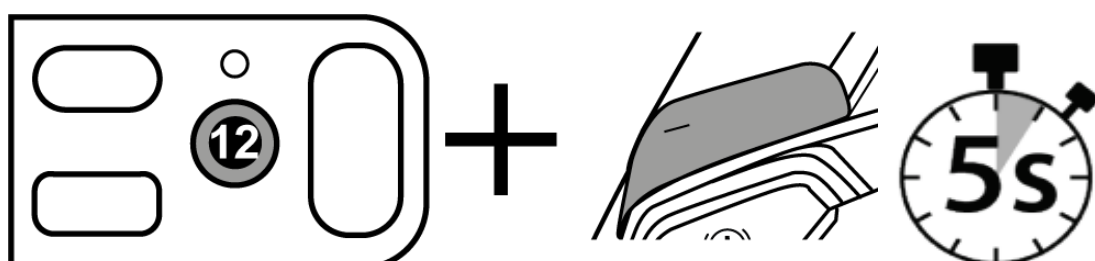


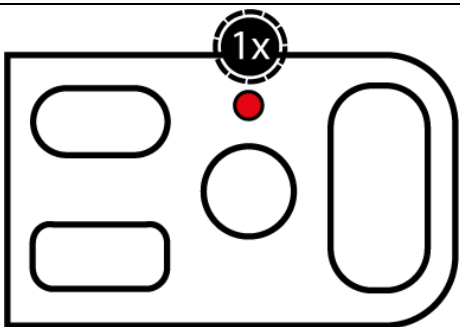
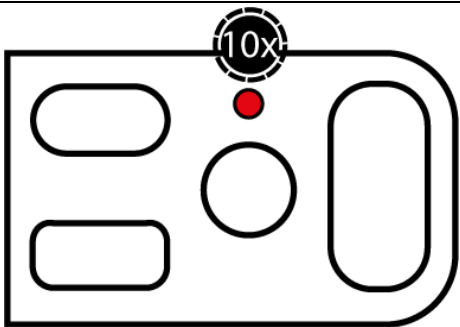
The default type (T2PM-T3PA-T3PM) is saved in the wheel base's internal memory and always remains active, apart from if you connect a T-LCM pedal set to the RJ12 port, or if you manually make a switch.



Switching from T2PM-T3PA-T3PM type to T-LCM type (and vice versa)

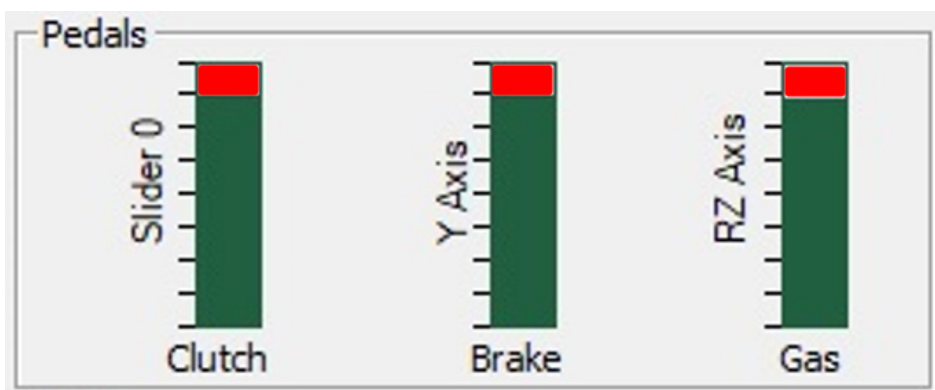
- Simultaneously press and hold down the **Mode** button **12** and the **left paddle shifter (-)** for **5 seconds**.



	The LED flashes 1 time = T2PM-T3PA-T3PM type
	The LED flashes 10 times = T-LCM type



If you are using a T2PM, T3PA or T3PM pedal set in T-LCM type, this pedal set will not function properly: the pedals' values will no longer reach 100%.



In order for the pedal set to function properly again (and reach the 100% values), you must manually switch the base's mode to **T2PM-T3PA-T3PM** type.



11. Manually changing the angle of rotation via the wheel

The T818 base features an angle of rotation adjustable between 270° and 1080°.

In many video games, the wheel's angle of rotation is automatic and adjusts on its own according to the car being used in the game. In these games, it is not possible to manually change this angle, as this function is managed by the game and not by the user.

In other games, it is possible to manually change the angle of rotation directly via the wheel.



Manually changing the angle of rotation is only possible in video games in which the angle does not adjust automatically.

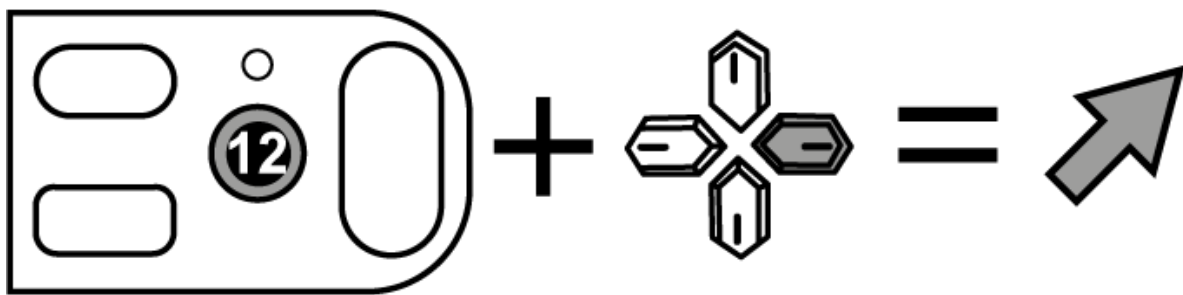


Procedure for changing the angle of rotation

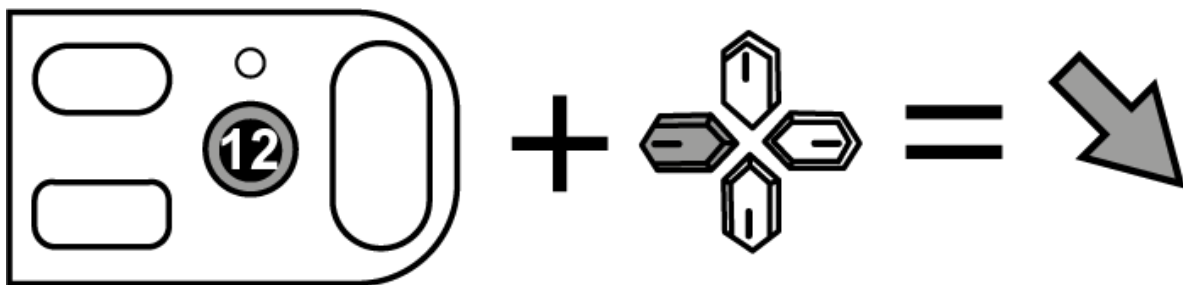


Manually changing the angle of rotation is only possible when a video game is active.

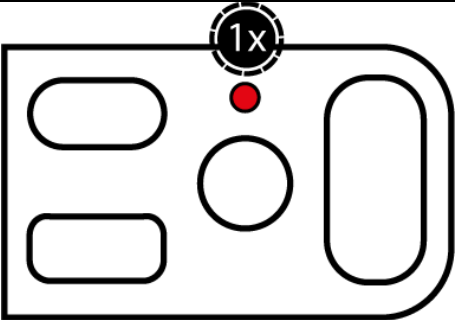
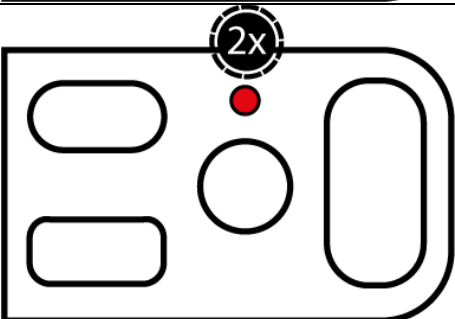
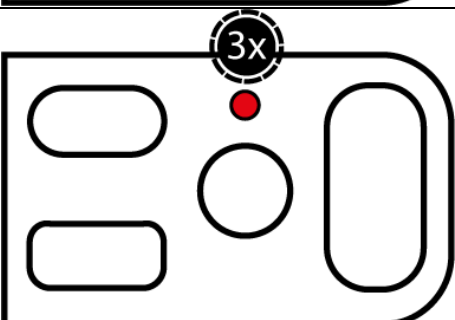
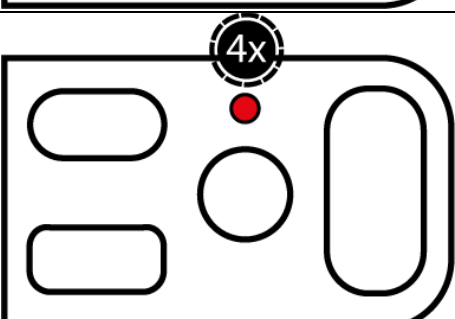
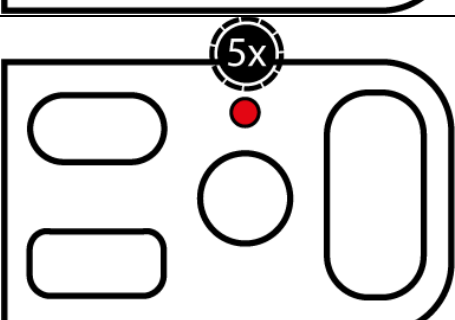
- Simultaneously press the **Mode** button **12** and the **right** directional button on the wheel to increase the angle of rotation by one level; or



- Simultaneously press the **Mode** button **12** and the **left** directional button on the wheel to decrease the angle of rotation by one level.





5 possible levels	
Angle of rotation	Flashing of the LED
270°	
360°	
540°	
900°	
1080°	



The angle of rotation modified manually via the wheel is not permanently saved. This procedure must be carried out each time the video game or the base restarts.



12. FAQ and technical support

Do you have questions regarding the T818 base, or are you experiencing technical problems? If so, visit the Thrustmaster technical support website:
<https://support.thrustmaster.com/product/t818>.

