

THRUSTMASTER®



**For PlayStation®5 consoles,
PlayStation®4 consoles and PC***

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.

**PC compatibility (Windows® 10/11) not tested or endorsed by Sony Interactive Entertainment.*

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T598

With T598 and its direct-drive technology, you have access to a full-featured racing wheel that lets you drive all types of vehicles and experience all the effects in your races.

This manual will help you install and use your T598 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 to be able to use the telemetry features, the firmware of the base and the wheel rim you are using may have to be updated.

To carry out the update:

1. Go to

<https://support.thrustmaster.com/product/T598p/>

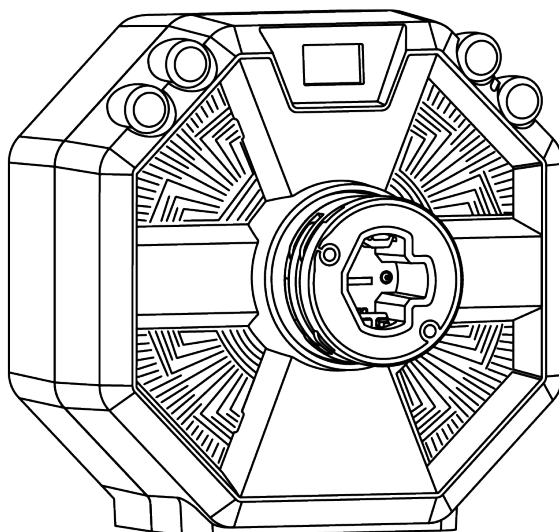
2. Download and install the My Thrustmaster Panel software available in the **Software** section and follow the instructions.



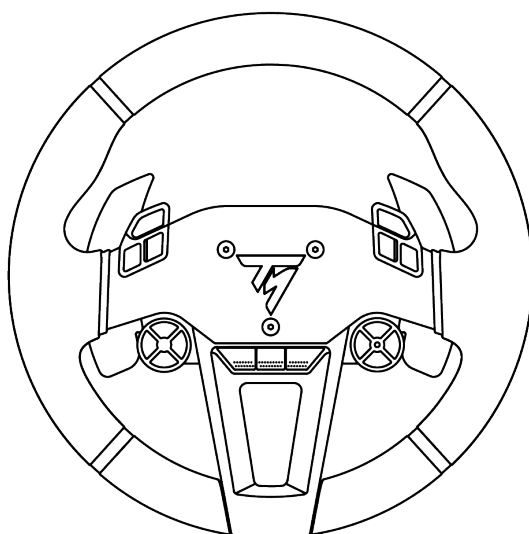


1. Box contents

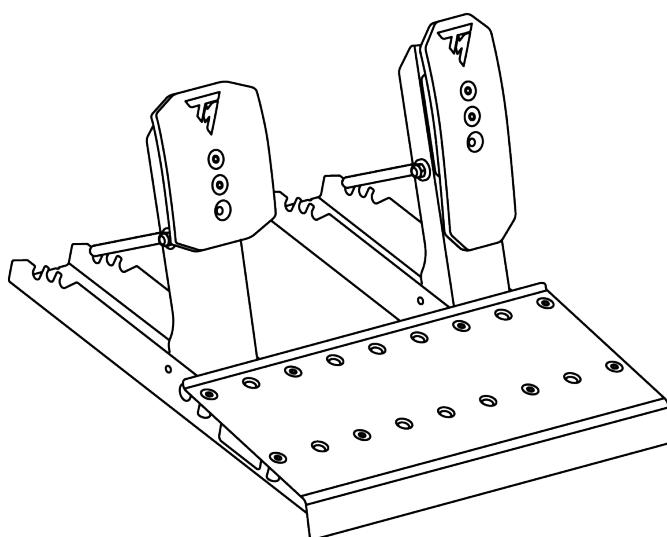
T598 Servo Base

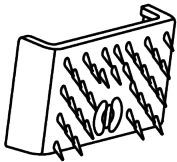
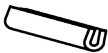
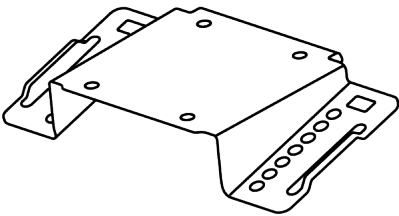
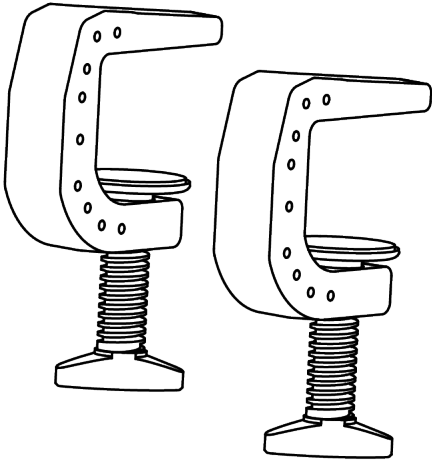
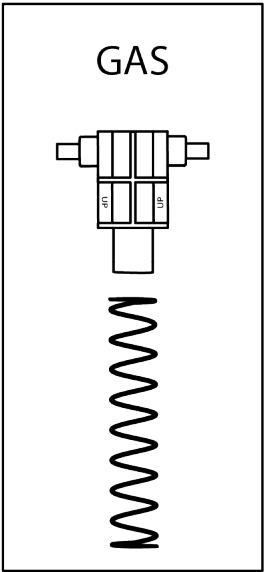
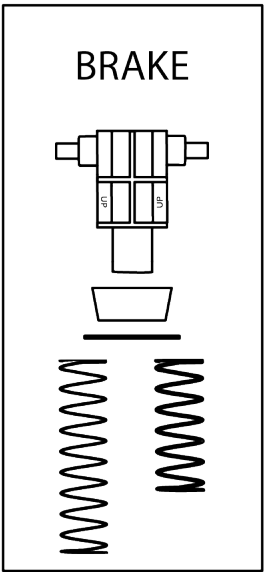


SportCar Steering Wheel

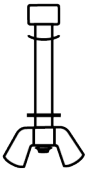


Raceline Pedals LTE



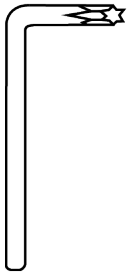


x 2

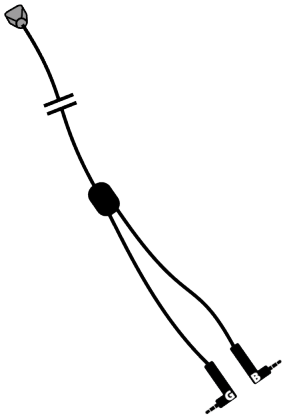
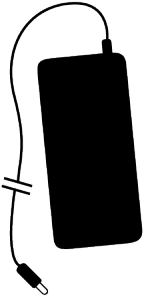
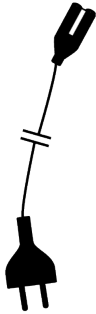
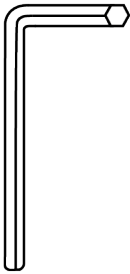


x 2

Ø T20

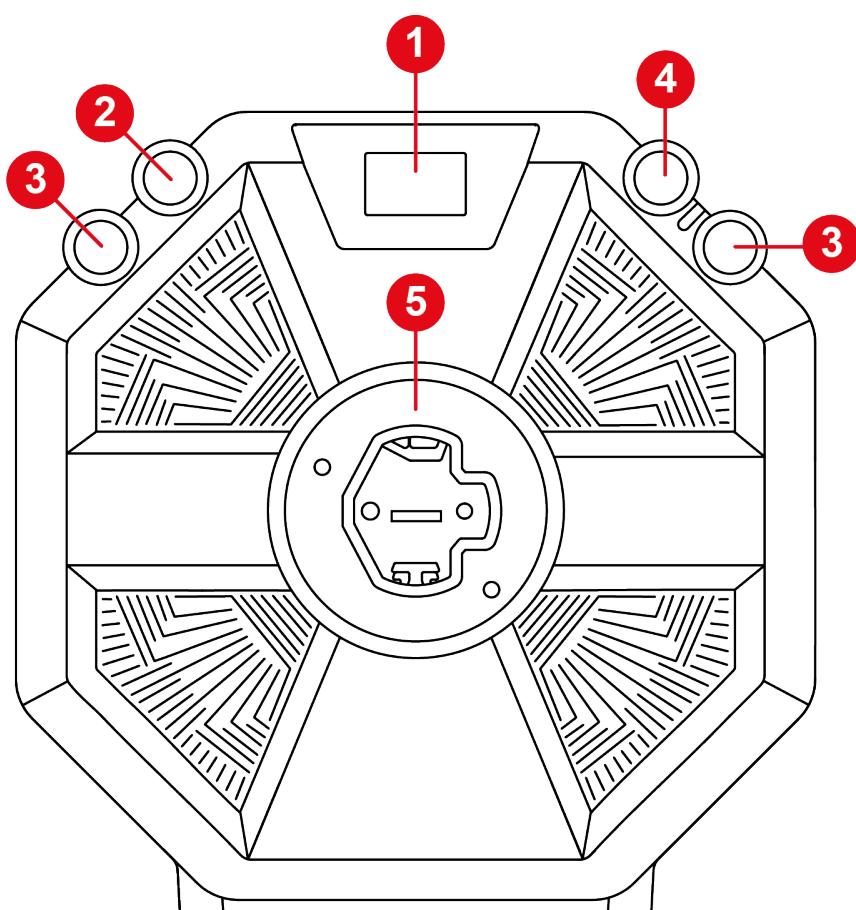


Ø 5 mm

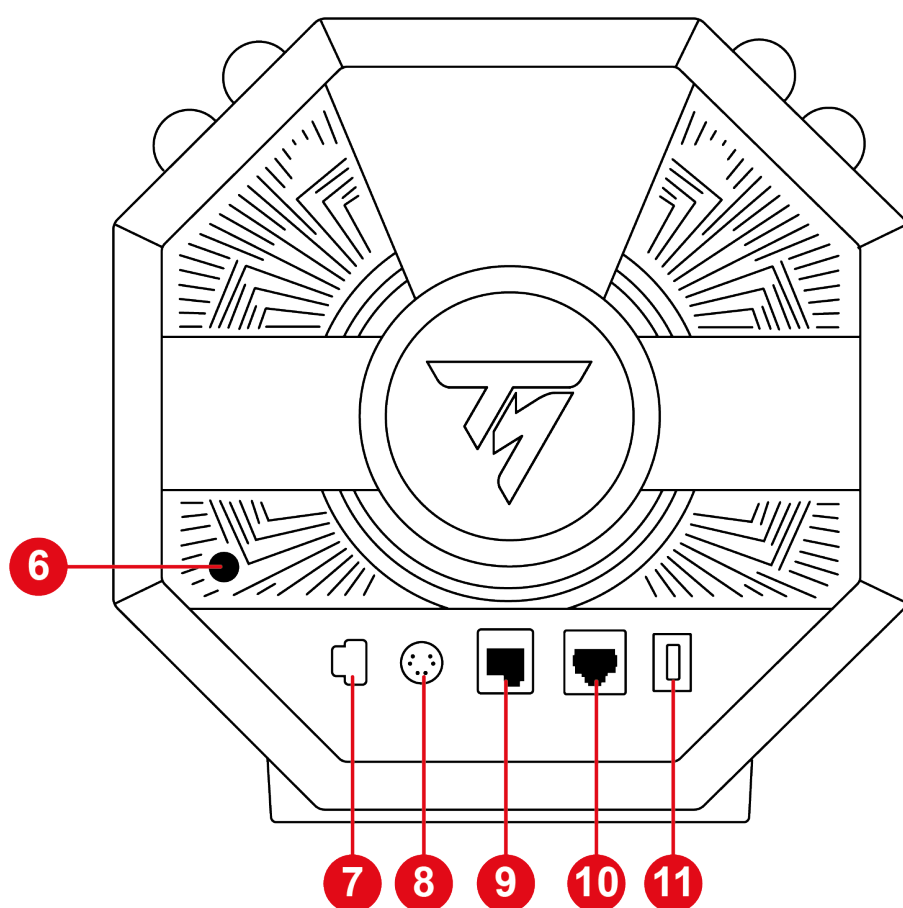




2. Features

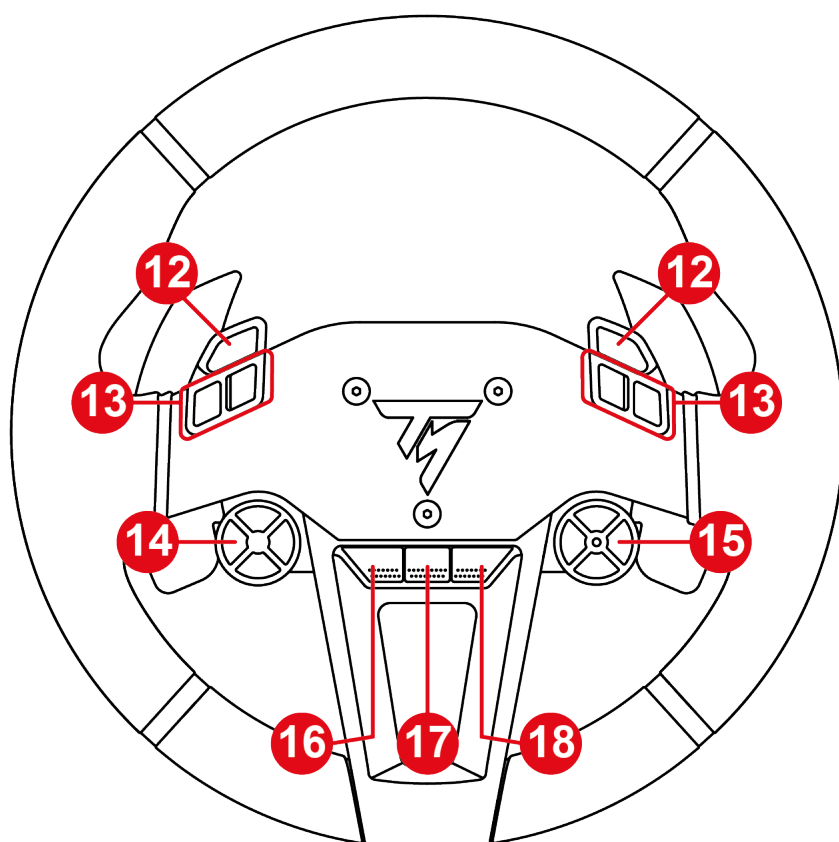


- ① Screen
- ② ⚙️ button (Settings)
- ③ L3 and R3 buttons
- ④ MODE button
- ⑤ Quick release wheel rim attachment system

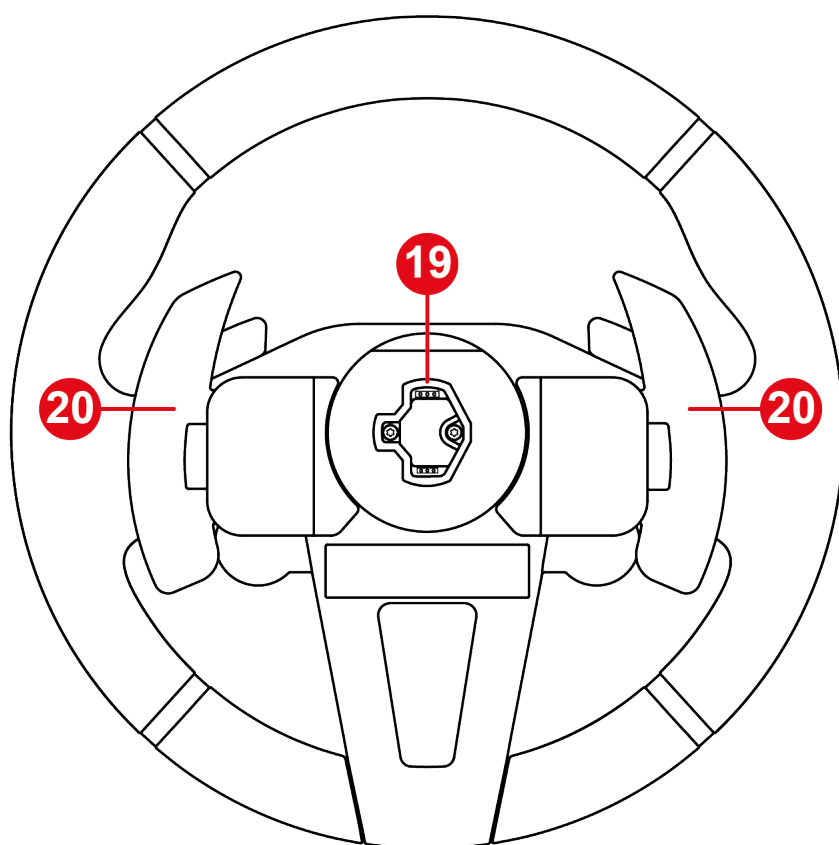


- ⑥ On/Off button
- ⑦ Power port
- ⑧ Shifter* or handbrake* connection port
- ⑨ Pedal set connection port
- ⑩ Unused port — Feature available soon
- ⑪ USB-C port

**Sold separately*

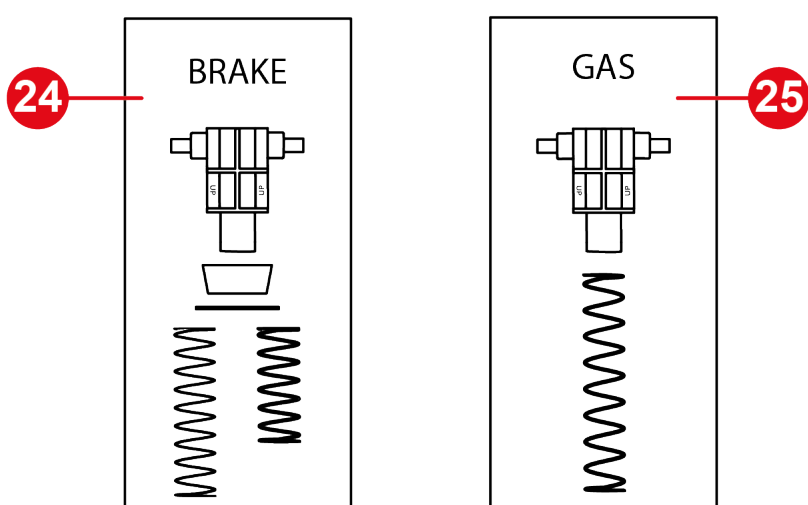
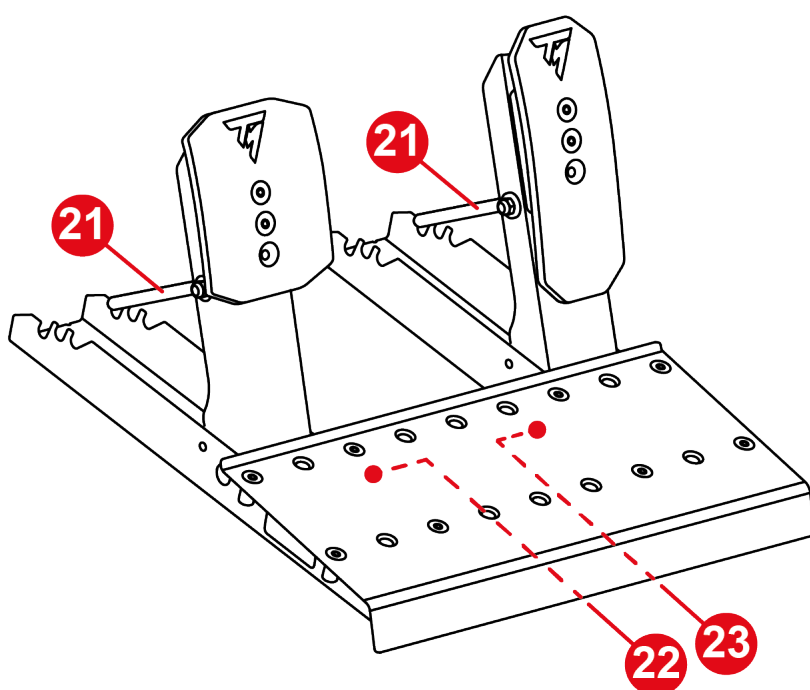


- ⑫ L2 and R2 buttons
- ⑬ Action buttons
- ⑭ Directional buttons
- ⑮ Encoder selector, E+, E- and EP functions, and LED indicating the active encoder
- ⑯ SHARE button on PS4® consoles / CREATE button on PS5® consoles
- ⑰ PS button
- ⑱ OPTIONS button on PS4® consoles and PS5® consoles

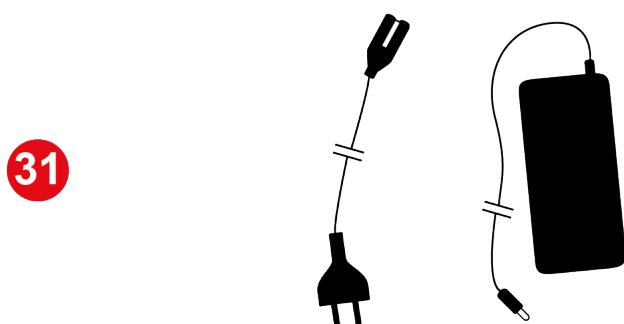
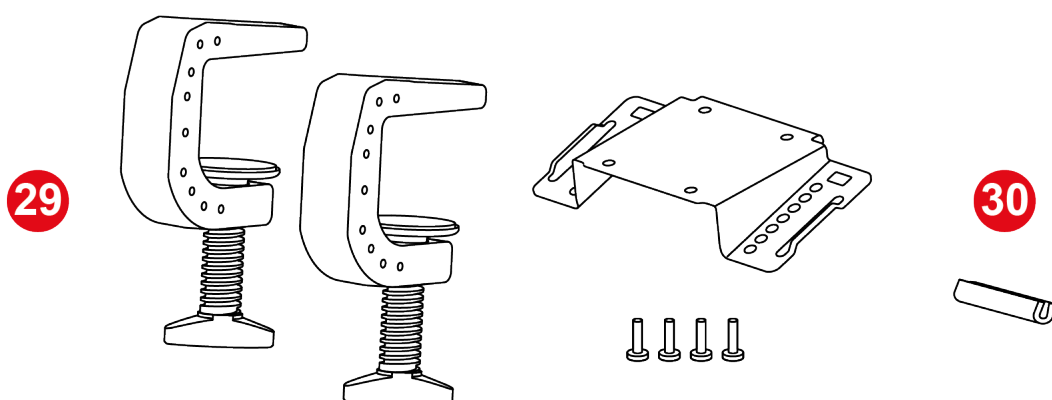
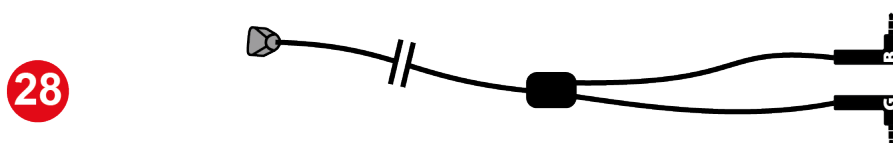
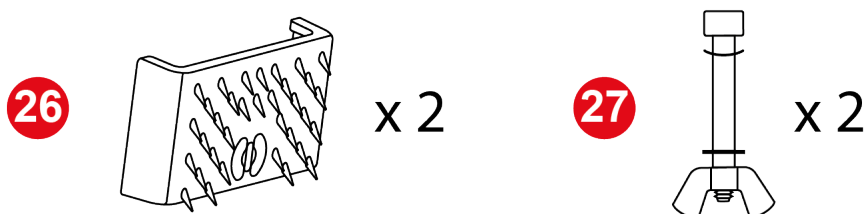


19 Quick release wheel rim attachment system

20 Magnetic paddle shifters



- 21 Spring retaining rod
- 22 Brake pedal jack connector
- 23 Accelerator pedal jack connector
- 24 Brake pedal spring (one support, one buffer, one washer and two springs (weak or strong resistance))
- 25 Accelerator pedal spring (one support and one spring)



- 26 Carpet Grip non-slip supports
- 27 Pedal stop rods (one rod, one wing nut, one curved washer and one washer)
- 28 Double jack/RJ12 cable
- 29 Base mounting bracket
- 30 Rubber protective cover
- 31 Power supply cables



3. Information regarding use of the wheel rim



Documentation

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



Firmware update

You must update the firmware for the base with the most recent version available.

To do so, please follow these two steps:

1. Go to

<https://support.thrustmaster.com/product/T598p/>

2. Download and install the My Thrustmaster Panel software available in the **Software** section and follow the instructions.

If you do not update the racing wheel base's firmware, your wheel rim will not work properly.



Electrical shock

- Keep the product in a dry location and do not expose it to dust or sunlight.
- Use the product in an environment with a temperature between 15°C and 30°C.
- Do not twist or pull on the connectors and cables.
- Follow the connection directions.
- 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 racing wheel: there are no user-serviceable parts inside. Any repairs must be carried out by the manufacturer, its authorized representative or a qualified technician.
- If the wheel rim, the base or the power supply is functioning abnormally (if any of them are emitting



any abnormal sounds, heat or odors), stop using the device immediately, power off the base, 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 electrical 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

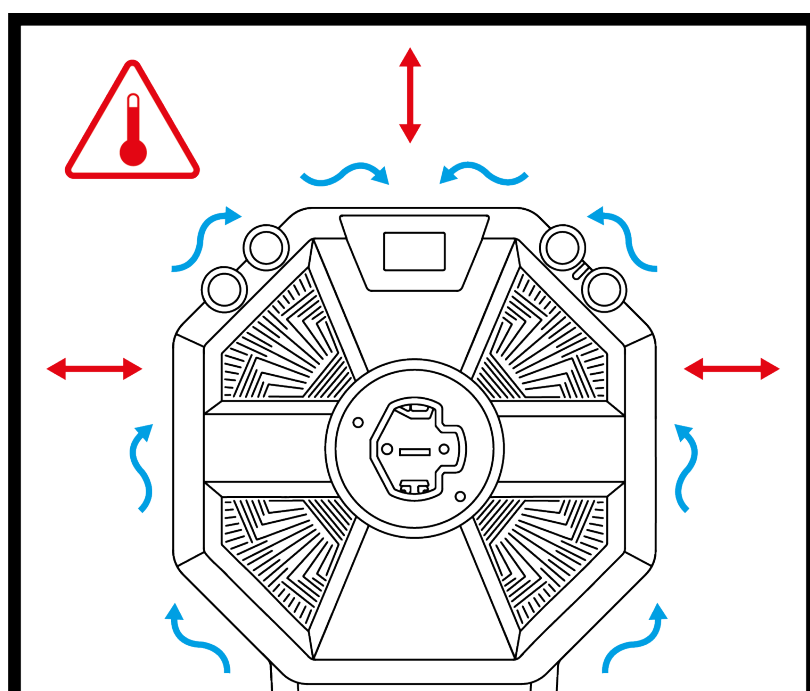
Published information	Value	Unit
Manufacturer's name or trademark Business number Address	GUILLEMOT CORPORATION S.A. 414 196 758 R.C.S. Vannes 2 Rue du Chêne Héleuc 56910 Carentoir France	
Model identifier	A1001-1636000D	
Input voltage	100 – 240	V
Input AC frequency	50 – 60	Hz
Output voltage	16.3	V DC
Output current	6	A
Output power	98	W
Average active efficiency	88	%
Efficiency at low load (10%)	88	%
No-load power consumption	0.2	W



Heat dissipation surface

To ensure optimal heat dissipation, you must comply with all of the following points:

- 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 allow any dust to accumulate on the dissipation fins located on the front of the base. Clean them regularly with a dry cloth or a brush.
- During intensive use, the base may be hot. This is normal.



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



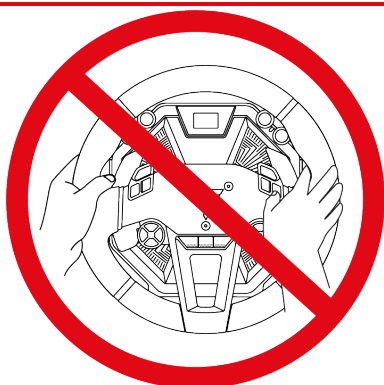
During intensive use, you may notice a slight odor emanating from the base. This specific case mainly occurs with new products: it is normal, and subsides over time.



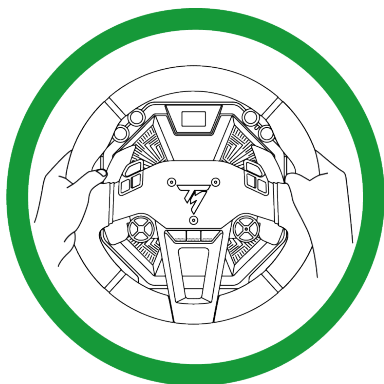
Injuries due to Force Feedback and repeated movements

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

- Avoid overly-long gaming periods (more than 2 hours).
- Take a 10 to 15-minute break after each hour of play.
- If you feel any fatigue or pain in your hands, wrists, arms, feet or legs, stop playing and rest for a few hours before you start playing again.
- If the symptoms or pain indicated above persist when you start playing again, stop playing and consult your doctor.
- Keep out of children's reach.
- Make sure that the base and the wheel rim 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 **16 years of age or older.**



4. Information regarding use of the pedal set



Documentation

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



For safety reasons, never use the pedal set with bare feet or while wearing only socks on your feet. Thrustmaster® disclaims all responsibility in the event of injury resulting from use of the pedal set without shoes.



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.
- Follow the connection directions.
- Do not spill any liquid on the product or its connectors.
- Do not short-circuit the product.
- Never dismantle the product (except in the cases of customization specified in this manual); do not throw it onto a fire and do not expose it to high temperatures.



Injuries due to repeated movements

Playing with a pedal set may cause muscle or joint pain.

To avoid any problems:

- Avoid overly-long gaming periods (more than 2 hours).
- Take a 10 to 15-minute break after each hour of play.
- If you feel any fatigue or pain in your feet or legs, stop playing and rest for a few hours before you start playing again.
- If the symptoms or pain indicated above persist when you start playing again, stop playing and consult your doctor.



Pedal set pinch hazard when playing

- Keep the pedal set out of children's reach.
- During gaming sessions, never place your fingers (or other parts of your body) on or near the pedal arms.





5. Installing the base on a table or desk



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

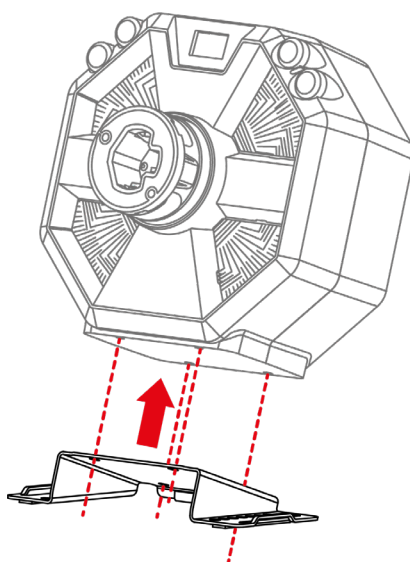


Solidity of the support

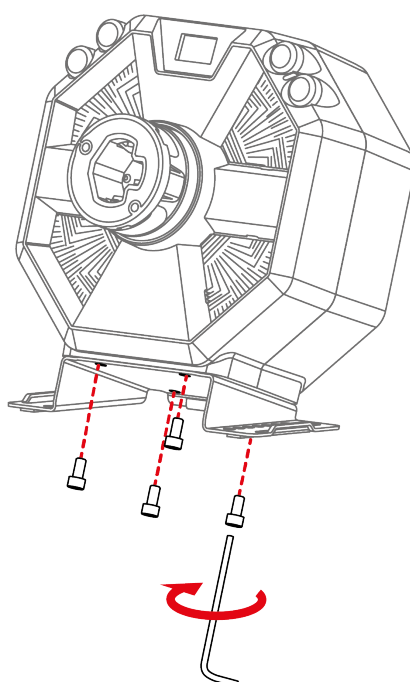
Take into account your support's material, in order to ensure that it is possible to mount a high-torque base on the support. This type of mounting is suitable for tables and desks whose thickness is between 2 and 5 cm, as well as cockpits, for the base to be used under the best conditions. The desk should be made of a solid material, MDF or wood, and without any hollow components.



1. Position the mounting plate underneath the base, lining up the perforations.

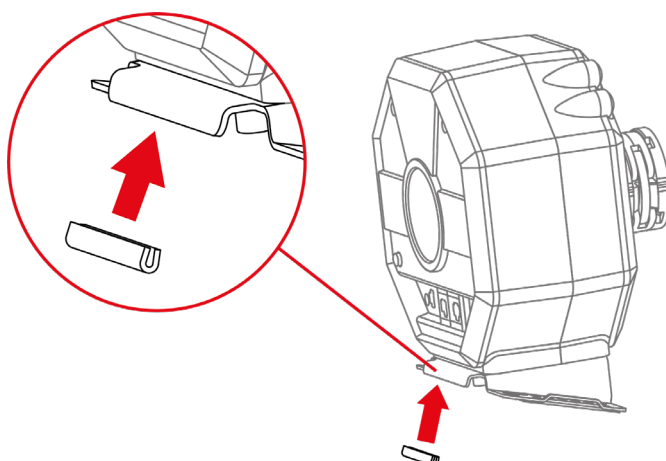


2. Tighten the four mounting screws clockwise using the 5-mm Allen wrench.

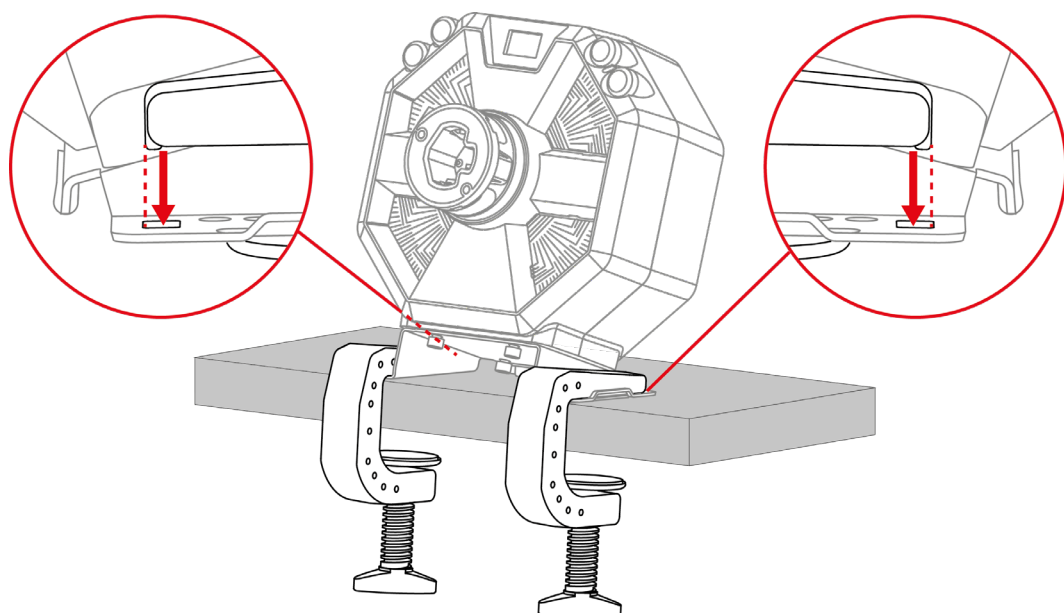




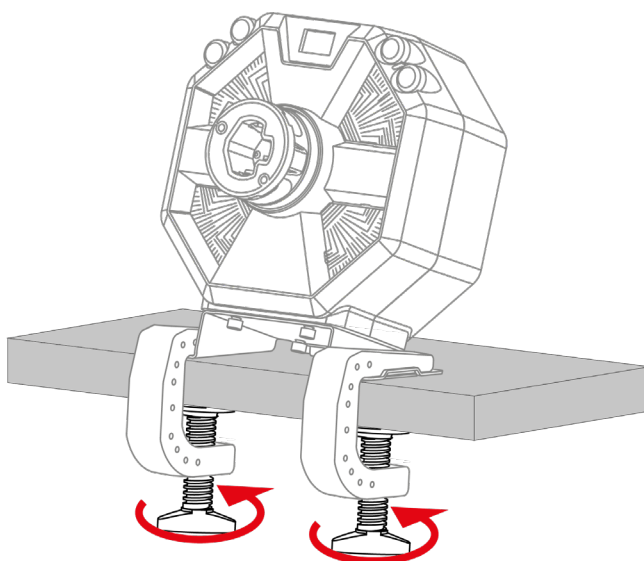
3. Install the rubber protective cover at the back of the mounting plate, in order to protect your support.



4. Insert the brackets on each side of the mounting plate. Make sure that the bracket slots are correctly positioned on the plate.



5. Tighten the two clamping screws.





6. Installing the base on a cockpit

To install the base on a cockpit, there are two possible options:

- Your cockpit is natively compatible (if the perforations line up with those of the base): attach the base directly to the cockpit using the four screw threads located underneath the base, without using the mounting plate or the two brackets.
- Your cockpit is not natively compatible (if the perforations do not line up with those of the base): attach the mounting plate to the base and secure everything to your cockpit, without using the two brackets.



Installation plans for cockpits are available at:

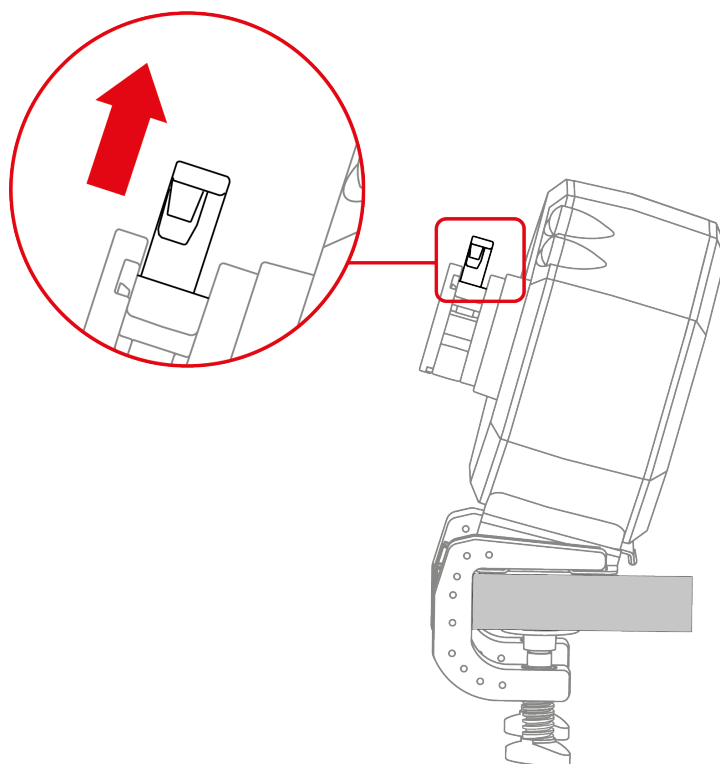
<https://support.thrustmaster.com/product/T598p/>

in the **Manual** section.

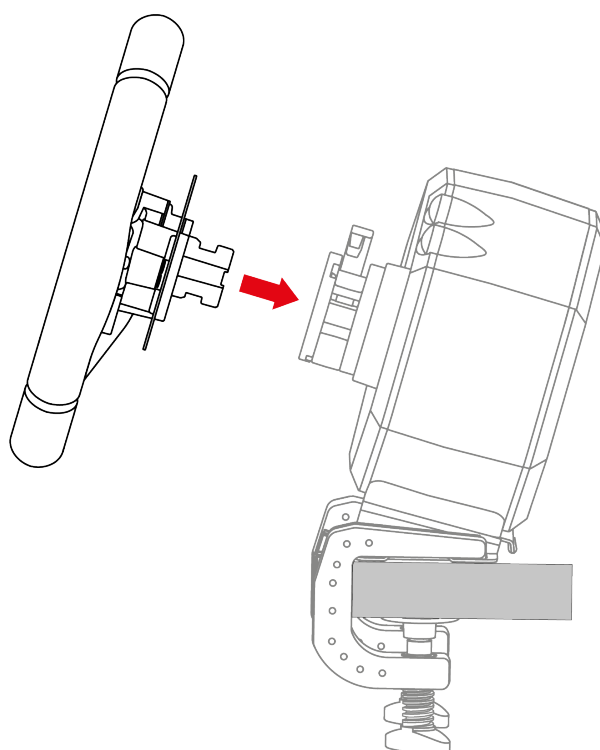


7. Installing the wheel rim on the base

1. Make sure the base is powered off and the base's locking lever is in the open position.

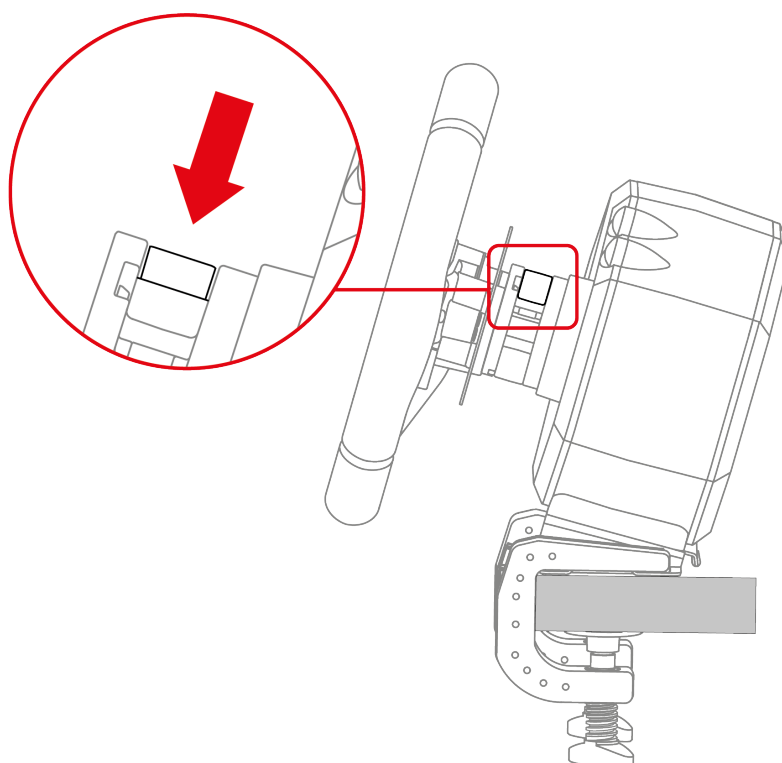


2. Insert the wheel rim into the base.





3. 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 the manual's instructions for the base.

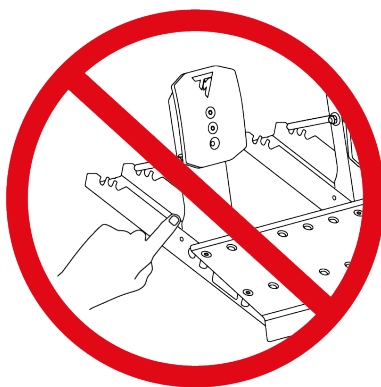


8. Assembling the pedal set

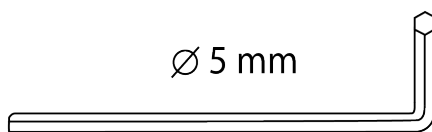
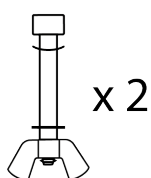
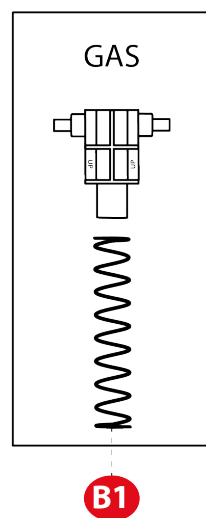
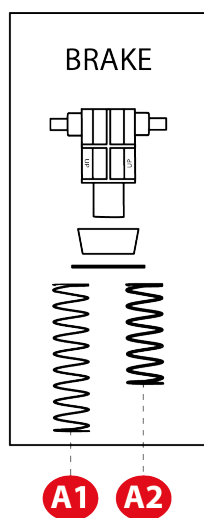
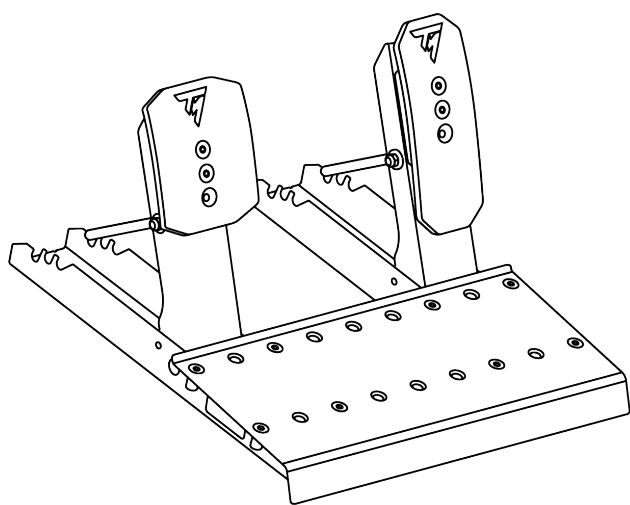


Pinch hazard

Before assembling the pedal set, make sure your fingers are not between the pedal arms and the base of the pedal set when lowering the pedals.



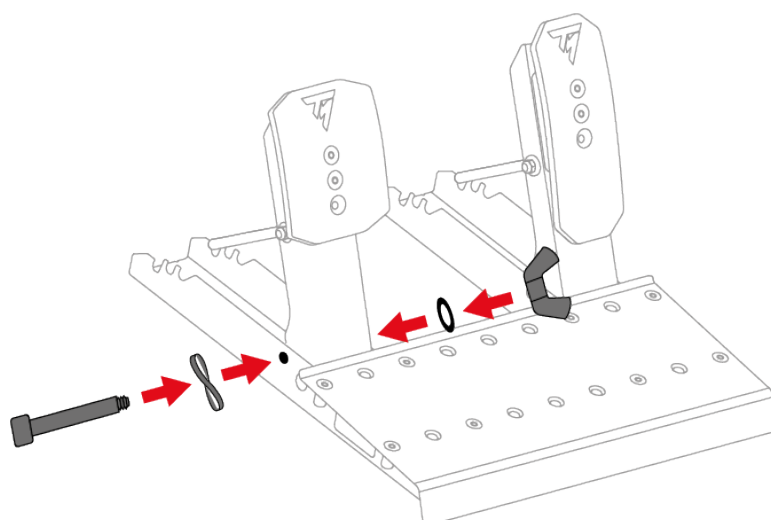
Required elements:





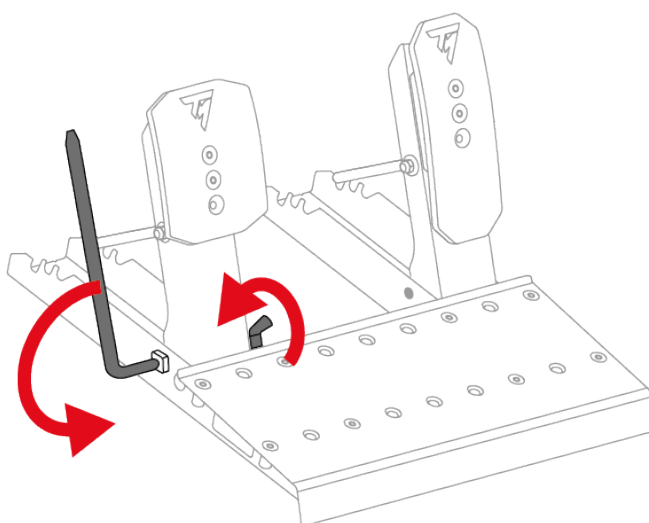
1. Insert the stop rod into the corresponding perforations in the base of the pedal set: the rod and the curved washer on one side of the pedal, the washer and wing nut on the other side.

Repeat the procedure on the other pedal.



2. Use the 5-mm Allen wrench and wing nut to tighten the stop rod.

Repeat the procedure on the other pedal.



Do not overtighten the stop rod.



Brake pedal:

The parts making up the brake pedal spring are in the BRAKE box. There are two springs with different resistances:

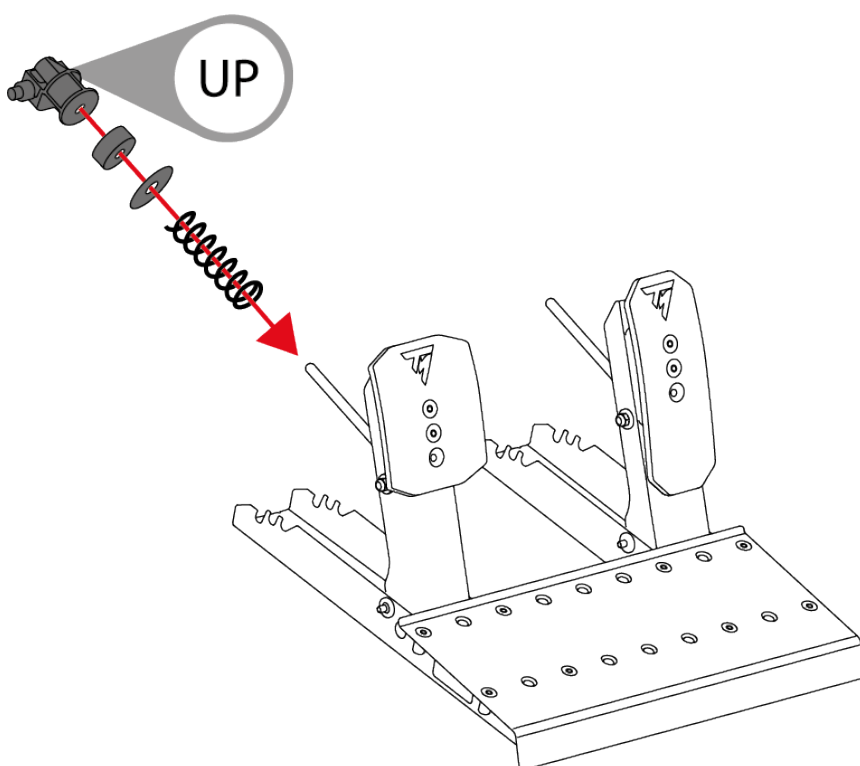
- A1 spring (long, black): weak resistance;
- A2 spring (short, grey): strong resistance.



Set aside the spring that you do not want to use.

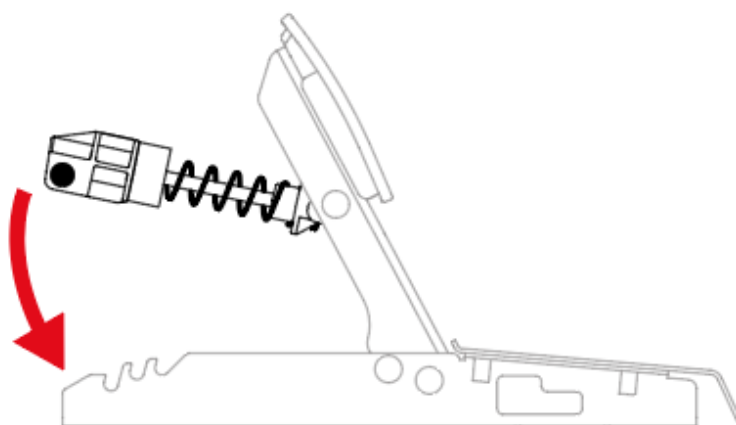
3. Insert all the parts of the brake pedal spring on the metal rod in the following order: spring, washer, buffer and support.

On the support, the UP marking must point upwards.





4. Compress the brake pedal spring using the support, to insert the retaining rod into the slots in the pedal set base.



To adjust the brake pedal's resistance, you can place the spring retaining rod in different positions.



For more information on adjusting the brake pedal's resistance, please read the **Pedal set mechanical settings** section.

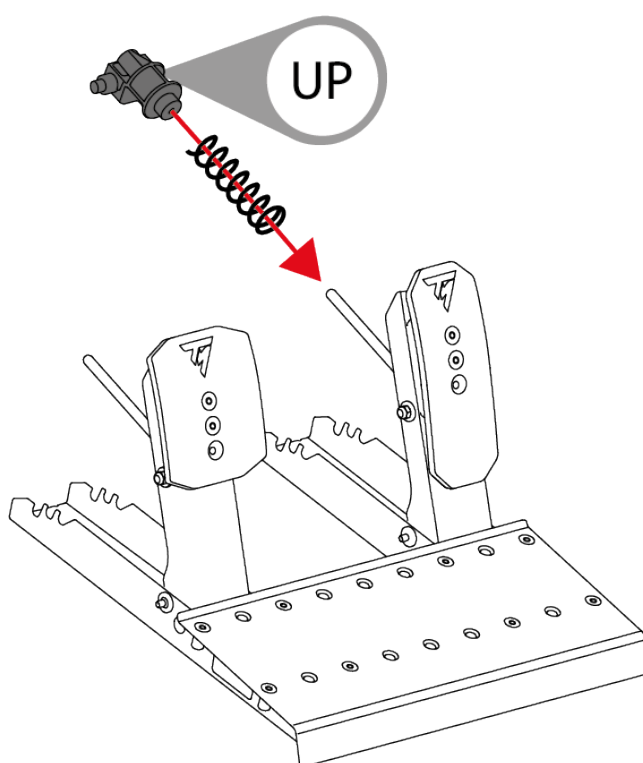


Accelerator pedal:

The parts making up the accelerator pedal spring are in the GAS box, which contains a single B1 spring (very long, grey).

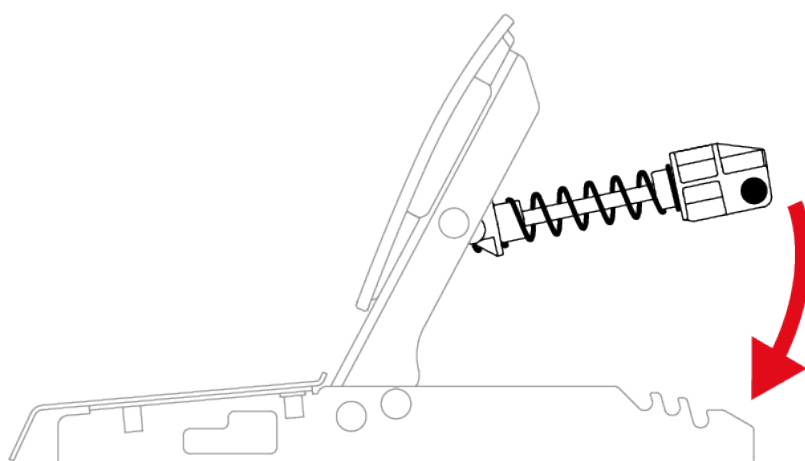
5. Insert all the parts of the accelerator pedal spring on the metal rod in the following order: spring and support.

On the support, the UP marking must point upwards.





6. Compress the accelerator pedal spring using the support, to insert the retaining rod into the slots in the pedal set base.



To adjust the accelerator pedal's resistance, you can place the spring retaining rod in different positions.



For more information on adjusting the accelerator pedal's resistance, please read the **Pedal set mechanical settings** section.



A video showing assembly of the pedal set is available here:

<https://support.thrustmaster.com/product/T598p/>

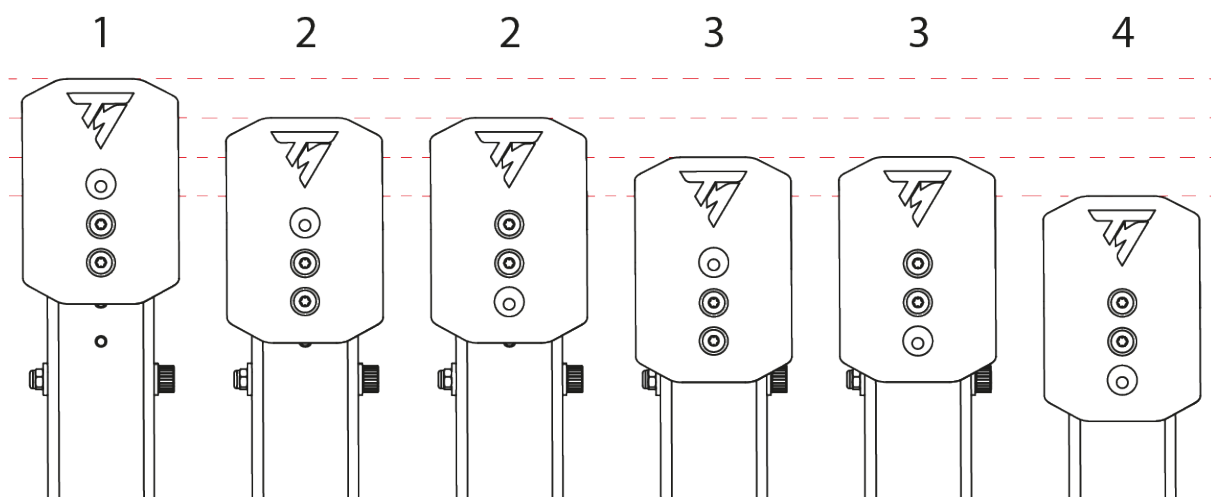


Pedal set mechanical settings

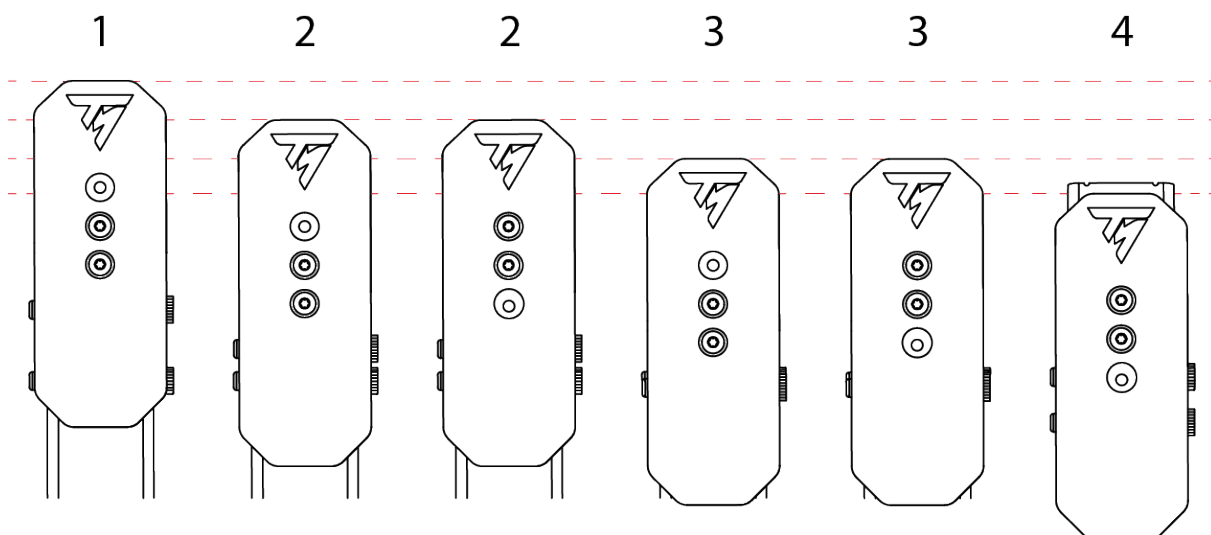
Adjusting the height of the pedals

The height of the brake pedal and accelerator pedal can be adjusted. There are four possible positions for each pedal.

Brake pedal:

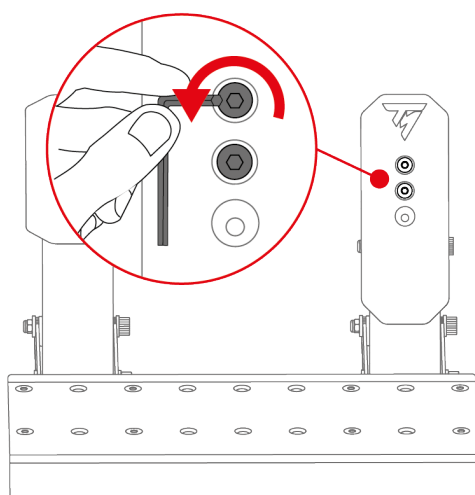


Accelerator pedal:

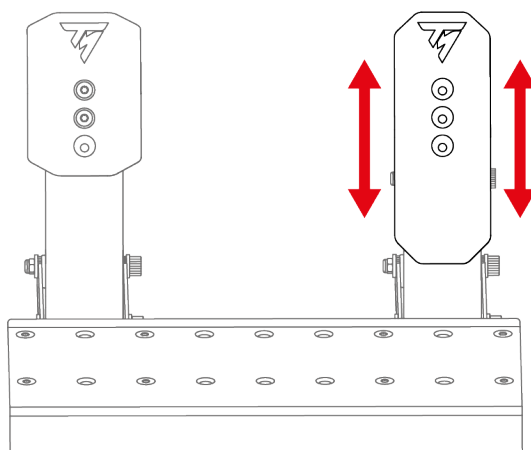




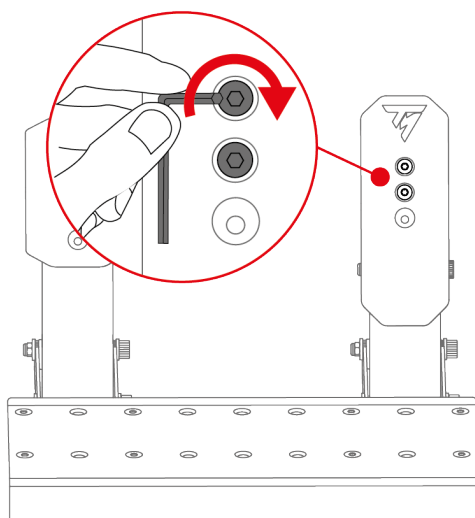
1. Use the included T20 Torx wrench to unscrew the two screws holding the pedal head in place.



2. Select the new pedal head position.



3. Reinsert and retighten the two screws holding the pedal head in place.



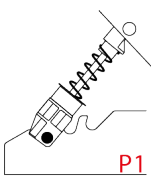
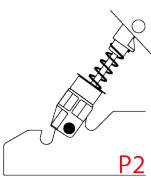
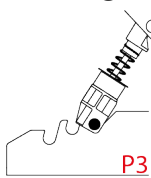

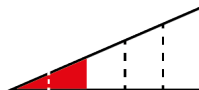

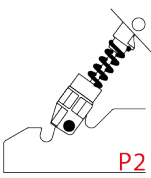
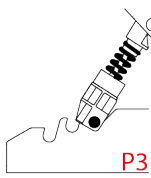




Modifying the brake pedal's resistance

Two springs are included for adjusting the brake pedal's resistance:

- A1 spring (long, black): weak resistance;
- A2 spring (short, grey): strong resistance.

The three slots at the back of the pedal set base are used to adjust the resistance setting.

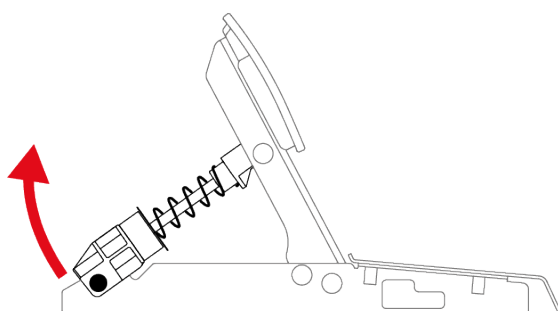
A1 spring			
Position	<div>P1</div>	<div>P2</div>	<div>P3</div>
Resistance			
A2 spring			
Position	<div>P1 —</div>	<div>P2</div>	<div>P3</div>
Resistance	<div>P1 —</div>		



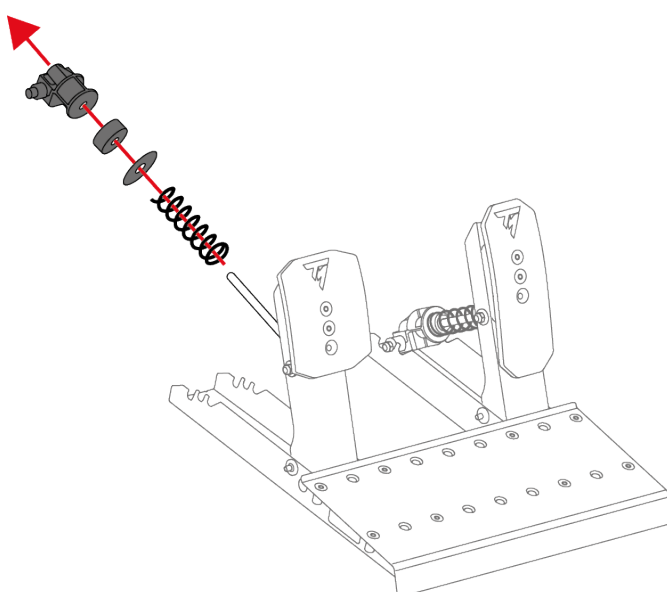
The A2 spring cannot be used in the P1 position.



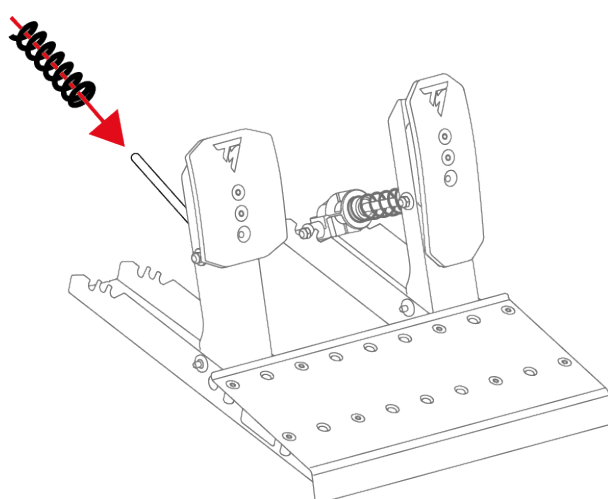
1. To release the spring retaining rod from the slots, compress the spring using the support.



2. Remove all of the pedal spring's parts.



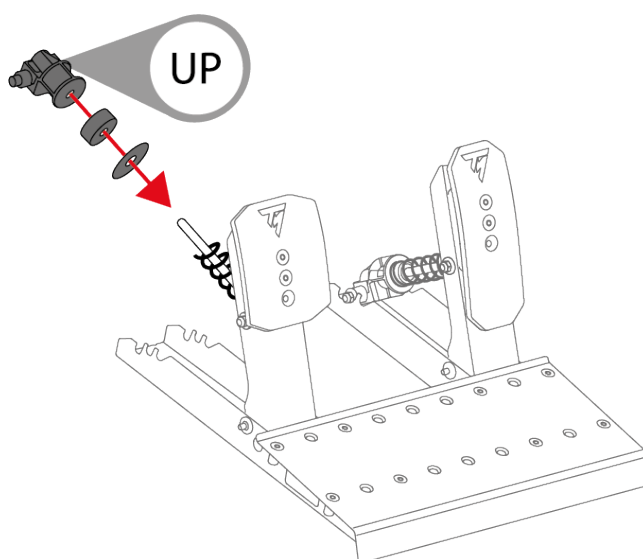
3. Insert the new spring onto the pedal's metal rod.



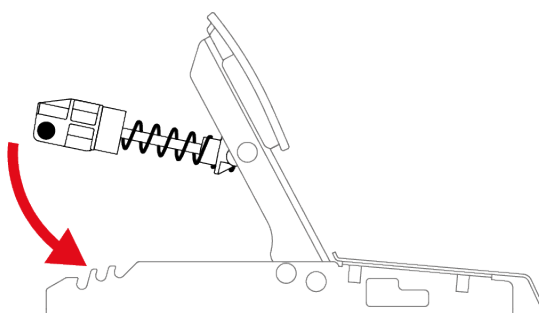


4. Insert the other parts of the brake pedal spring onto the metal rod in the following order: washer, buffer and support.

On the support, the UP marking must point upwards.



5. To insert the spring retaining rod into the slots (P1, P2 or P3), compress the spring using the support.



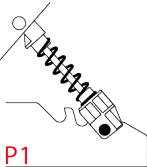
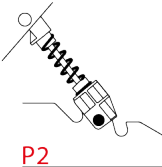
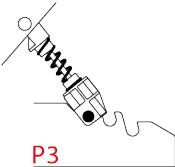



To prevent any calibration problems, we recommend that you restart the base after changing the spring.



Modifying the accelerator pedal's resistance

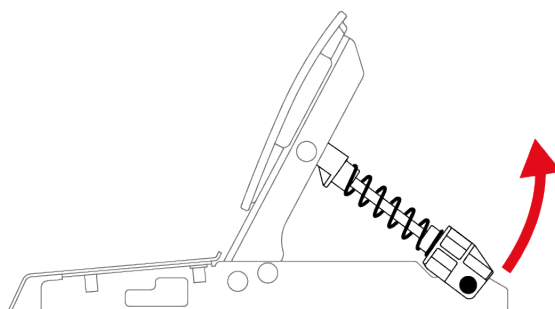
Only one spring is included for the accelerator pedal (B1 spring: very long, grey, weak resistance).

The three slots at the back of the pedal set base are used to adjust the resistance setting.

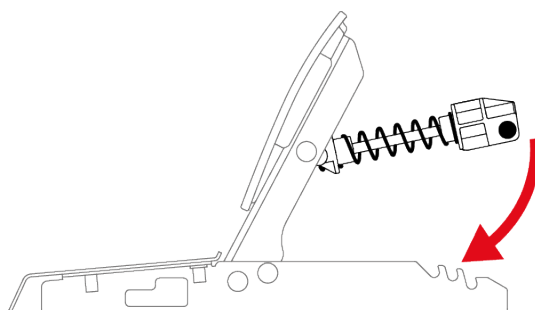
B1 spring			
Position	<div>P1</div>	<div>P2</div>	<div>P3</div>
Resistance			



1. To release the spring retaining rod from the slots, compress the spring using the support.



2. To insert the spring retaining rod into the slots (P1, P2 or P3), compress the spring using the support.

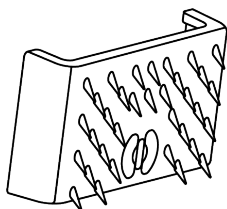


To prevent any calibration problems, we recommend that you restart the base after changing the spring.



Carpet Grip non-slip supports

The Carpet Grip non-slip supports prevent the Raceline Pedals LTE pedal set from moving when used on a carpet or rug.

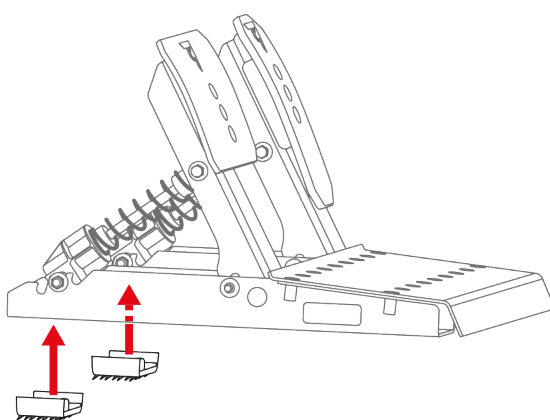


Do not use the Carpet Grip non-slip supports on a soft floor or parquet flooring, as this may damage the floor covering (e.g., scuffs, scratches).

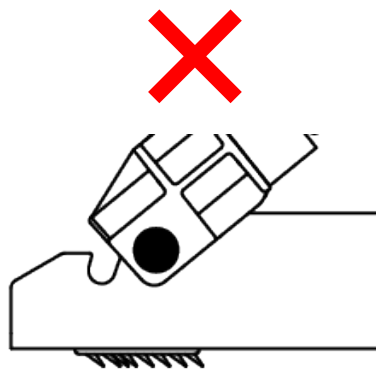
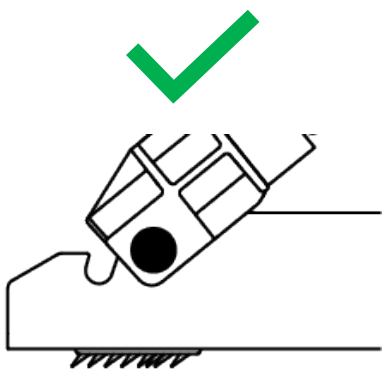


Assembly

To install the Carpet Grip non-slip supports, clip them to the back of the pedal set.



To ensure that the supports are effective, position the teeth towards the back of the pedal set.

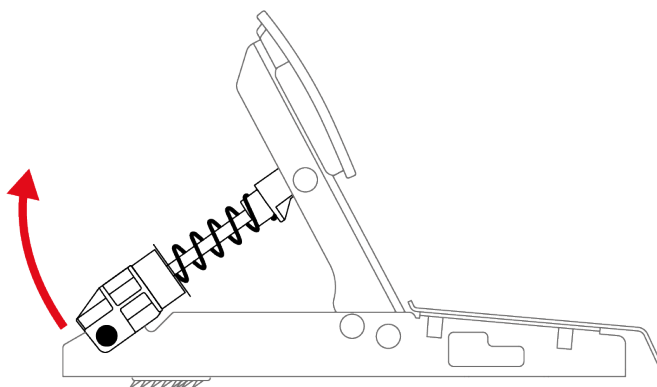




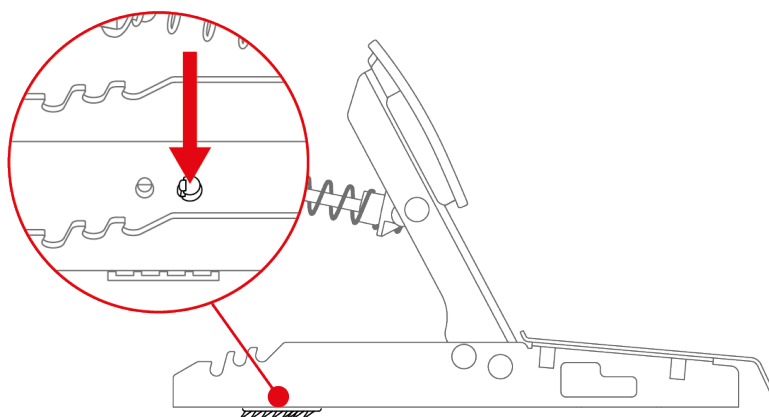
Disassembly

To remove the Carpet Grip non-slip supports:

1. Release the springs from the notches.



2. Press the clip of each non-slip support.

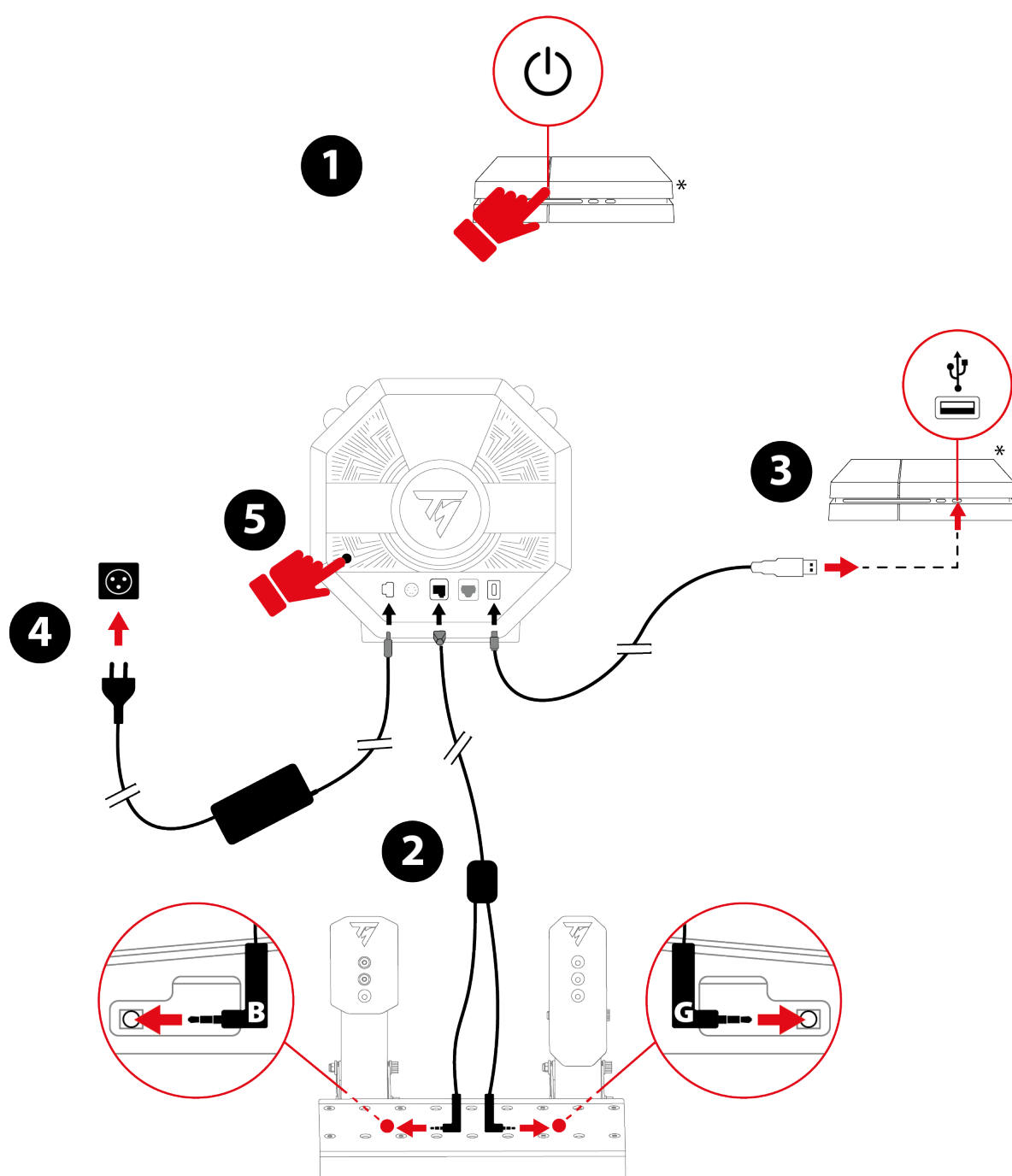


Do not pull on the sides of the Carpet Grip non-slip supports to remove them. You risk breaking the supports.



9. Installation

On a PlayStation®4 console




**Not included*

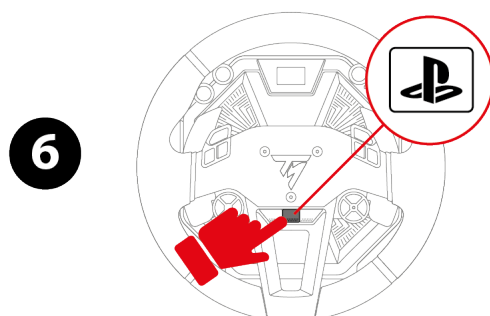


1. Power on your PlayStation®4 console.
2. Connect the double jack/RJ12 cable to the RJ12 connector on the base and the Raceline Pedals LTE pedal set.



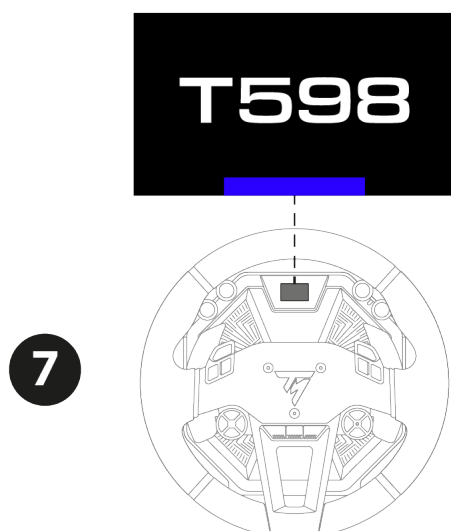
The jack connector with the B marking (Brake) connects to the brake pedal. The jack connector with the G marking (Gas) connects to the accelerator pedal.

3. Connect the USB-C/USB-A cable to the base's USB-C port, and a USB-A port on the PlayStation®4 console.
4. Connect the power adapter to the base, and also plug it into a wall outlet.
5. Press the On/Off button located at the back of the base.
6. Press the  button to connect the racing wheel to your profile.

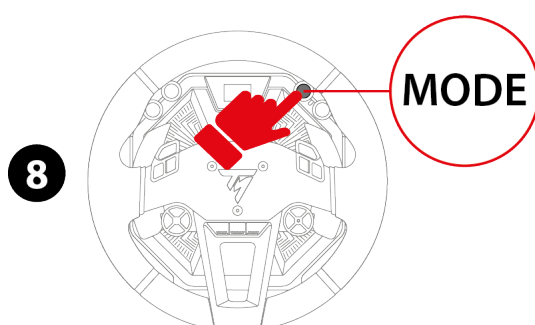





7. The base's screen turns on.

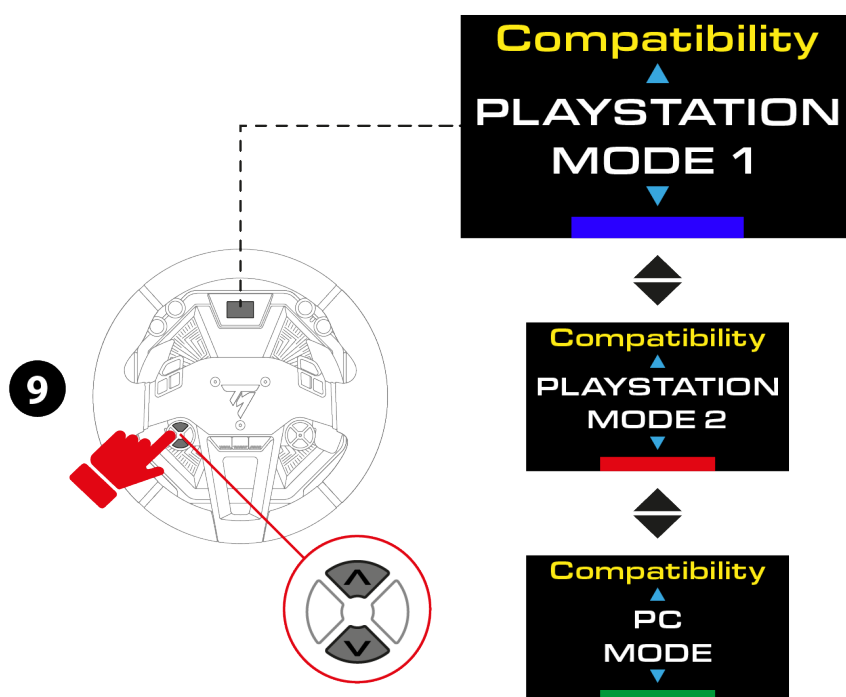


8. Press the MODE button.





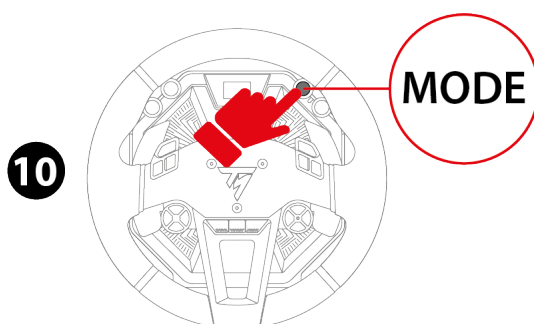
9. Use the  directional buttons to select PLAYSTATION MODE 1 (blue) on the screen.



For PlayStation®4 games, you must select PLAYSTATION MODE 1 (blue).



10. Press the MODE button to confirm the selection.
Your selection is saved in the base's internal memory.

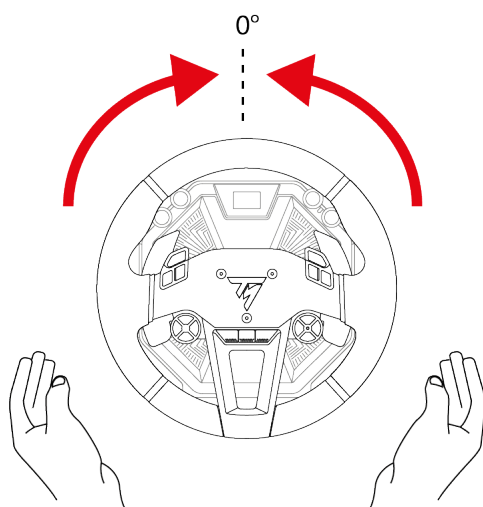


If the selected mode is identical to the mode that was previously selected, the screen you were on before selecting the mode is displayed.

If the selected mode is different from the mode that was previously selected, the racing wheel will restart and perform a self-calibration.



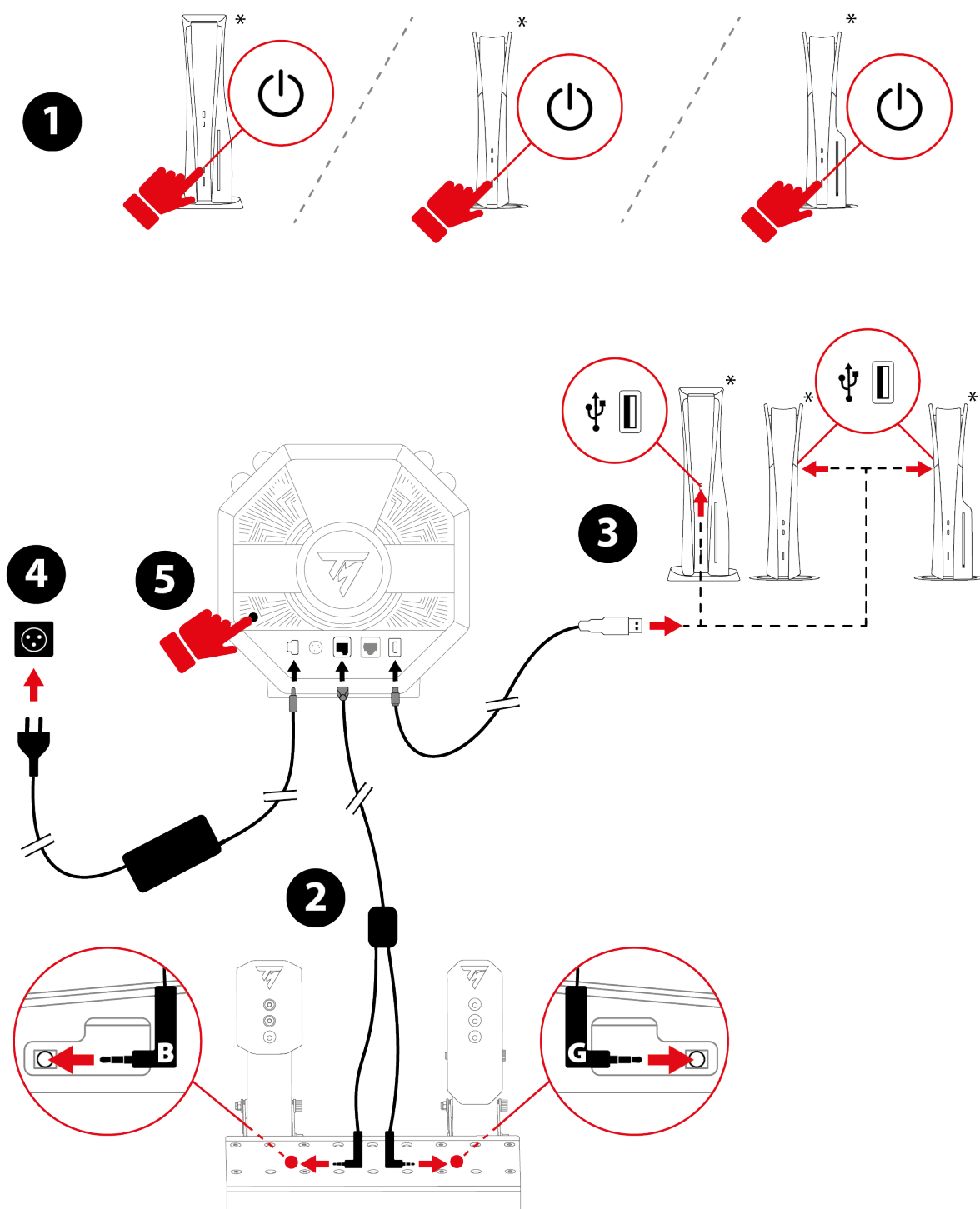
During the racing wheel's self-calibration phase, make sure not to put your hands on the wheel rim.



You are now ready to play!



On a PlayStation®5 console




**Not included*

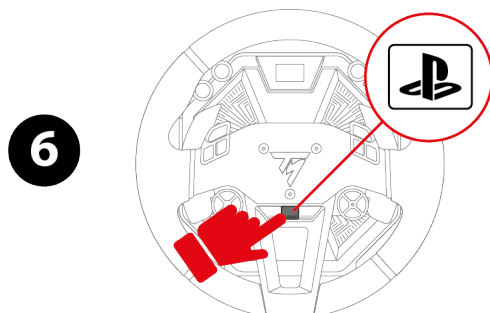


1. Power on your PlayStation®5 console.
2. Connect the double jack/RJ12 cable to the RJ12 connector on the base and the Raceline Pedals LTE pedal set.



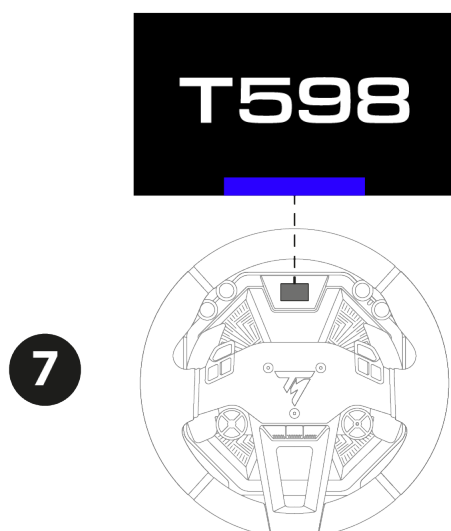
The jack connector with the B marking (Brake) connects to the brake pedal. The jack connector with the G marking (Gas) connects to the accelerator pedal.

3. Connect the USB-C/USB-A cable to the base's USB-C port, and a USB-A port on the PlayStation®5 console.
4. Connect the power adapter to the base, and also plug it into a wall outlet.
5. Press the On/Off button located at the back of the base.
6. Press the  button to connect the racing wheel to your profile.

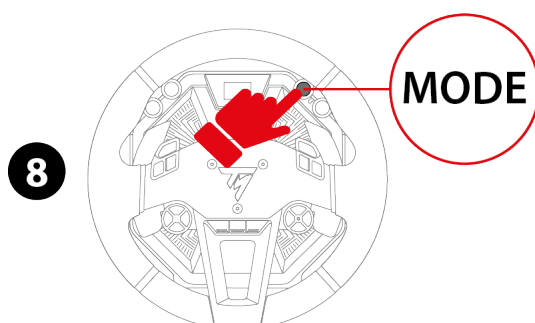





7. The base's screen turns on.

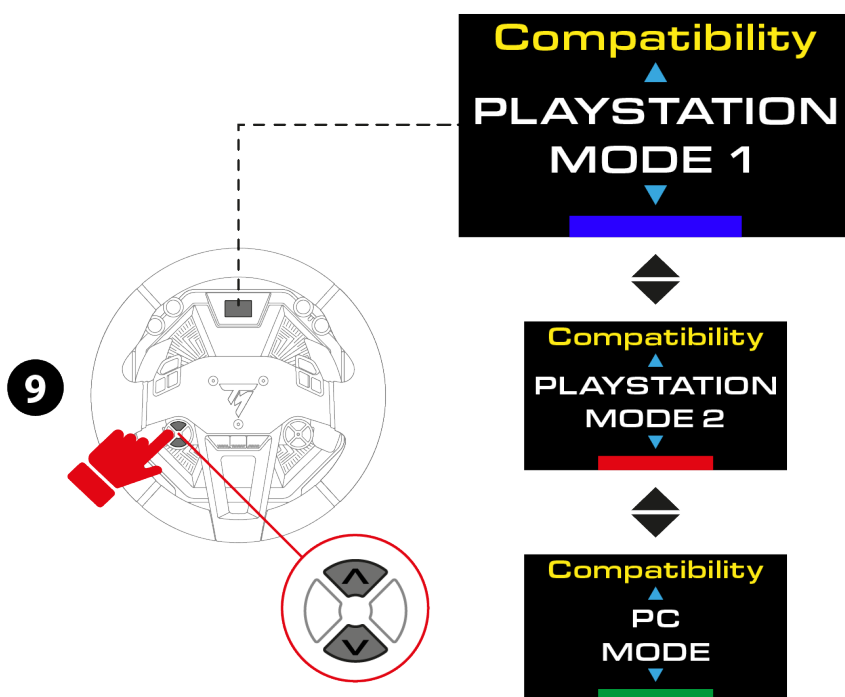


8. Press the MODE button to select the PlayStation® mode that is compatible with your game.





9. Use the  directional buttons to select PLAYSTATION MODE 1 (blue) or PLAYSTATION MODE 2 (red) on the screen.



On PlayStation®5 consoles:

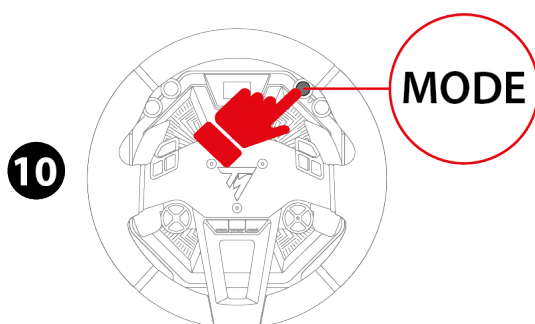
- For PlayStation®4 games, you must select PLAYSTATION MODE 1 (blue).
- For PlayStation®5 games: to see if your game is compatible with PLAYSTATION MODE 1 (blue) or PLAYSTATION MODE 2 (red), go to

<https://support.thrustmaster.com/product/T598p/>

In the **Games settings** section, select PlayStation®5 Games list.



10. Press the MODE button to confirm the selection.
Your selection is saved in the base's internal memory.

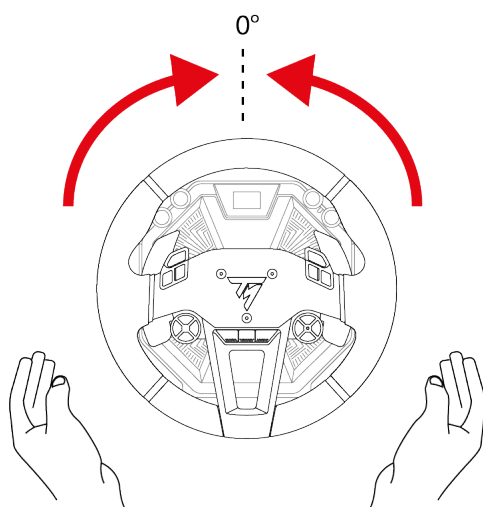


If the selected mode is identical to the mode that was previously selected, the screen you were on before selecting the mode is displayed.

If the selected mode is different from the mode that was previously selected, the racing wheel will restart and perform a self-calibration.



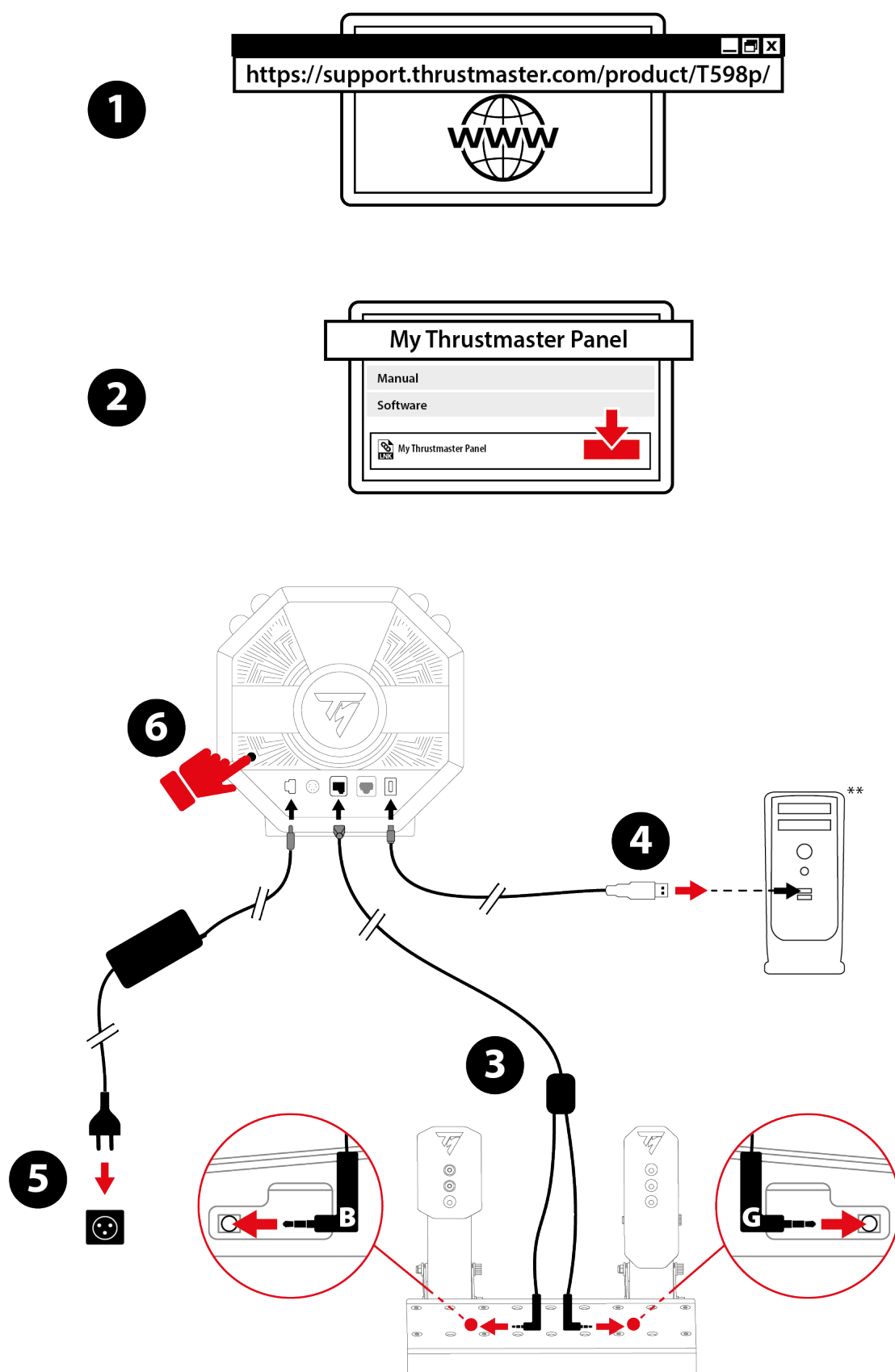
During the racing wheel's self-calibration phase, make sure not to put your hands on the wheel rim.



You are now ready to play!



On PC*



*PC compatibility (Windows® 10/11) not tested or endorsed by Sony Interactive Entertainment.

**Not included



1. Go to:

<https://support.thrustmaster.com/product/T598p/>

2. Download and install the My Thrustmaster Panel software in the **Software** section.

3. Once the My Thrustmaster Panel software has been installed, connect the double jack/RJ12 cable to the RJ12 connector on the base and the Raceline Pedals LTE pedal set.



The jack connector with the B marking (Brake) connects to the brake pedal. The jack connector with the G marking (Gas) connects to the accelerator pedal.

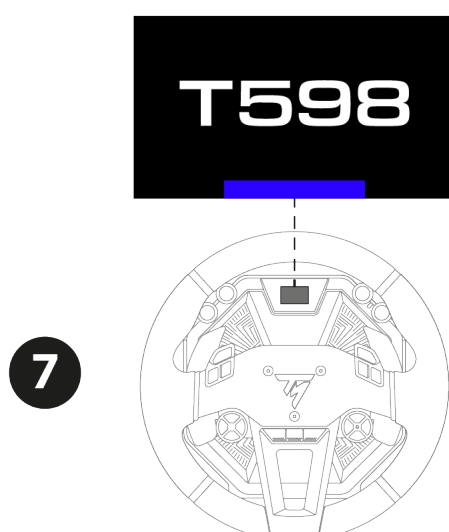
4. Connect the USB-C/USB-A cable to the base's USB-C port, and a USB-A port on the PC.

5. Connect the power adapter to the base, and also plug it into a wall outlet.

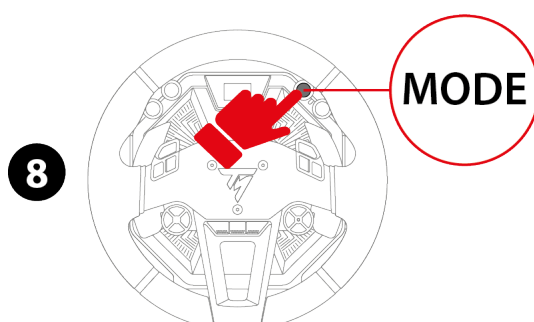
6. Press the On/Off button located at the back of the base.




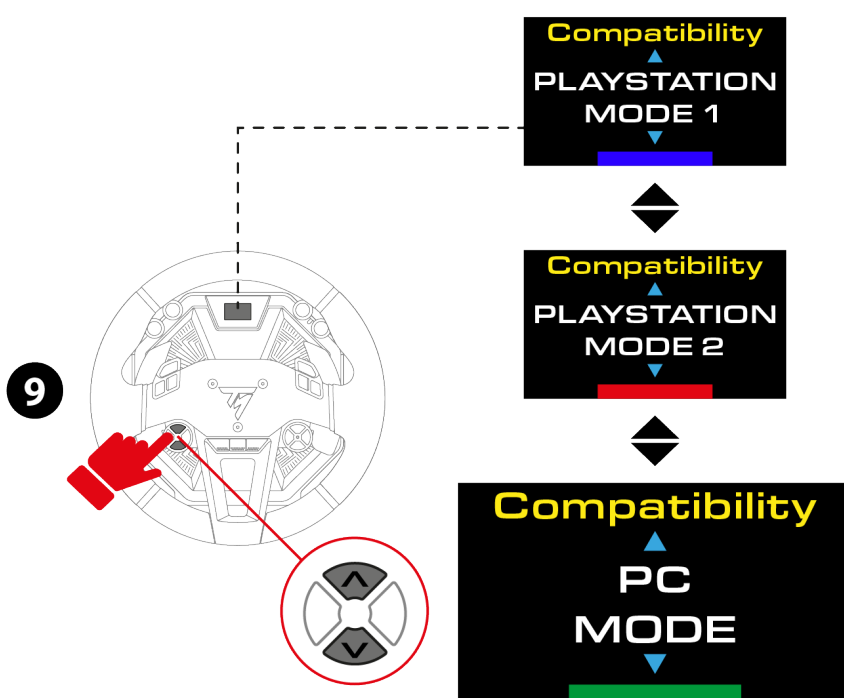
7. The base's screen turns on.



8. Press the MODE button to select the PC mode.

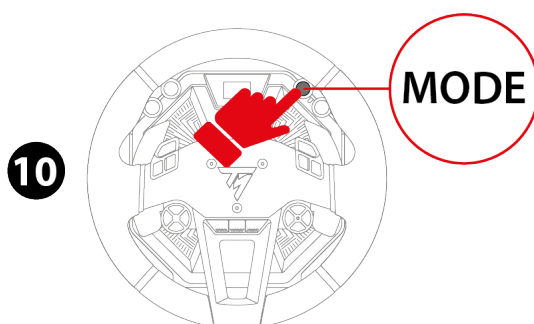


9. Use the  directional buttons to select PC MODE on the screen.





10. Press the MODE button to confirm the selection. Your selection is saved in the base's internal memory.

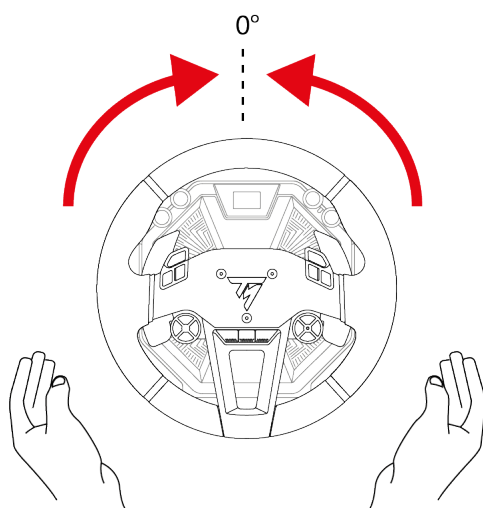


If the selected mode is identical to the mode that was previously selected, the screen you were on before selecting the mode is displayed.

If the selected mode is different from the mode that was previously selected, the racing wheel will restart and perform a self-calibration.



During the racing wheel's self-calibration phase, make sure not to put your hands on the wheel rim.



You are now ready to play!




My Thrustmaster Panel software

My Thrustmaster Panel |

— □ ×

HOME ←



OVERVIEW

SETTINGS

TESTING

LINKS

THRUSTMASTER

T598

● Connected

UPDATE

APPLICATION VERSION:1.0.188.0✔

FIRMWARE VERSION:1.90✔

QUICK RELEASE ADAPTER FIRMWARE VERSION:n/a

DRIVER PACKAGE VERSION:2.NextRW.2024✔

APPLY UPDATES ↗

STATUS

❶ SERIAL NUMBER:2024072600000012



The My Thrustmaster Panel software lets you:

- view the serial number (SERIAL NUMBER) of your base;
- view the driver version (DRIVER) installed on your PC;
- view the firmware version (FIRMWARE) installed on your base;
- view the firmware version (FIRMWARE) installed on the wheel rim connected to your base;
- update the firmware version (FIRMWARE) of your base;
- test all the buttons of the wheel rim connected to your base;
- test all the axes of the pedal set connected to your base;
- reset the wheel rim's central position via the SET CENTER button (only when necessary).




Updating the firmware

Your base’s firmware version is listed on the Overview page of the My Thrustmaster Panel software.

My Thrustmaster Panel

HOME ←



OVERVIEW

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T598

● Connected

UPDATE

APPLICATION VERSION:1.0.196.0✔

FIRMWARE VERSION:1.94✔

QUICK RELEASE ADAPTER FIRMWARE VERSION:n/a

DRIVER PACKAGE VERSION:2.NextRW.2024✔

APPLY UPDATES

STATUS

1 SERIAL NUMBER:2024072600000012

THRUSTMASTER



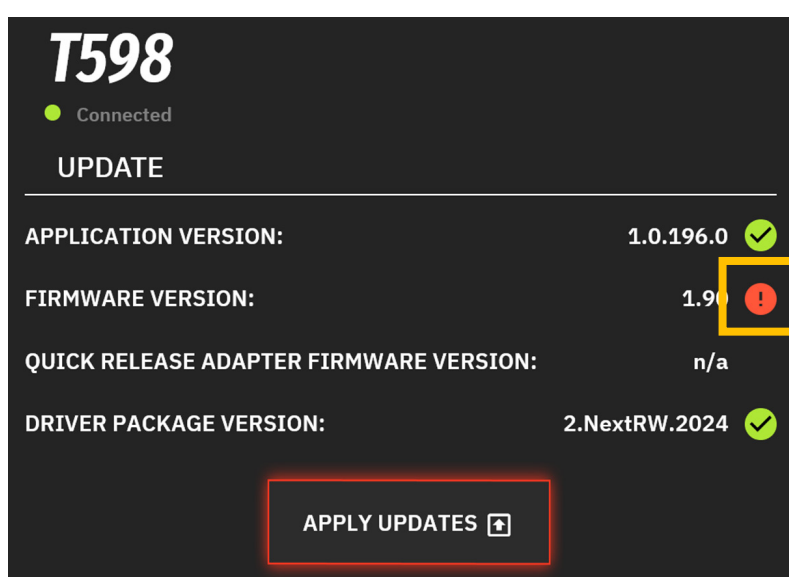
When an update is necessary:

- On the Home page, a banner announcing NEW UPDATE AVAILABLE! appears on the icon of the base.

This message may also mean that a new driver package is available.



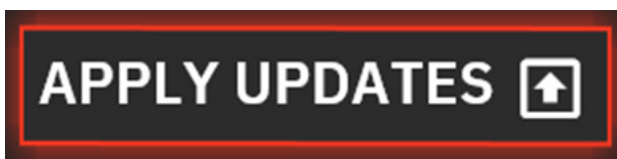
- On the Overview page, a red exclamation point appears next to the firmware version.





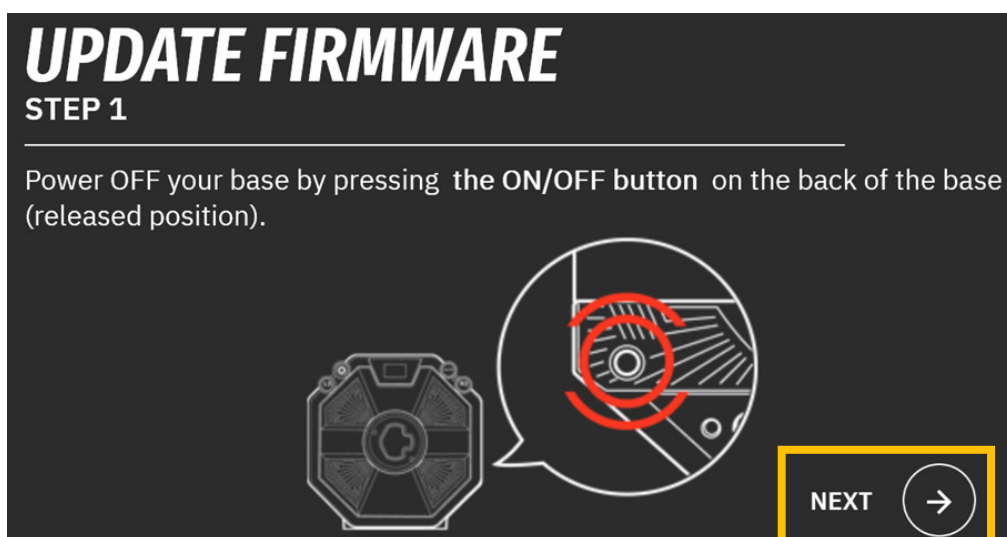
To update the base's firmware:

1. In My Thrustmaster Panel, on the Overview page, click APPLY UPDATES.



2. Power off the base by pressing the On/Off button located on the back of the base (released position).

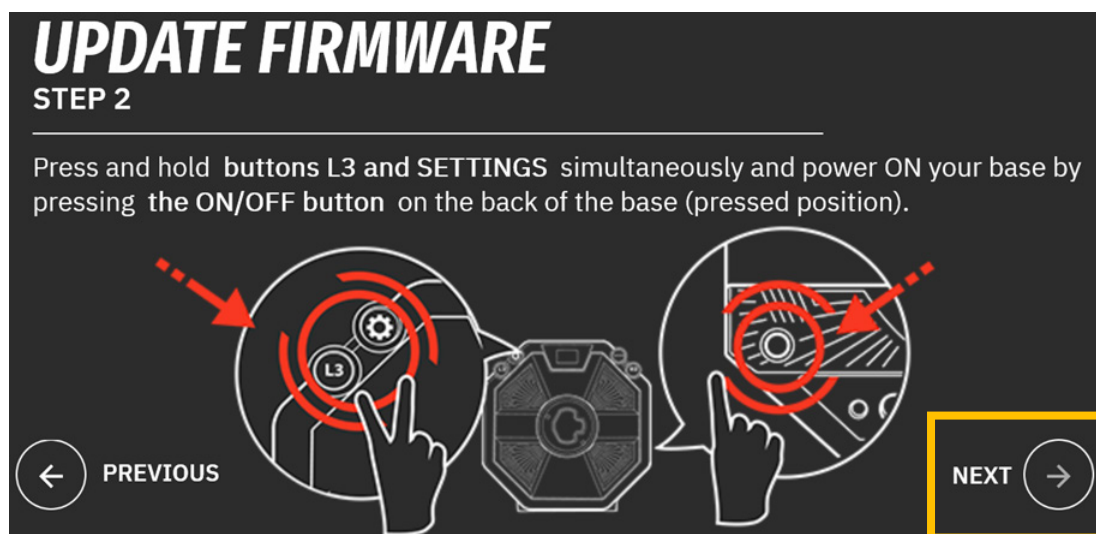
In My Thrustmaster Panel, click NEXT.





3. While pressing and holding down the L3 and ⚙️ (Settings) buttons, power on the base by pressing the On/Off button located on the back of the base (pushed-in position).

In My Thrustmaster Panel, click NEXT.

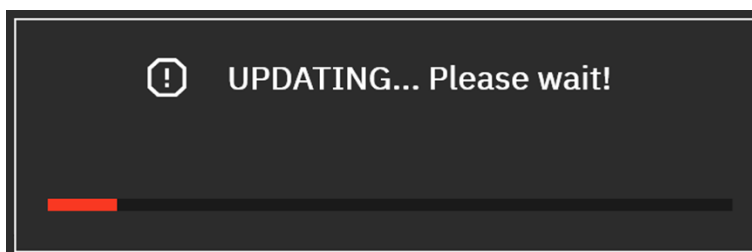
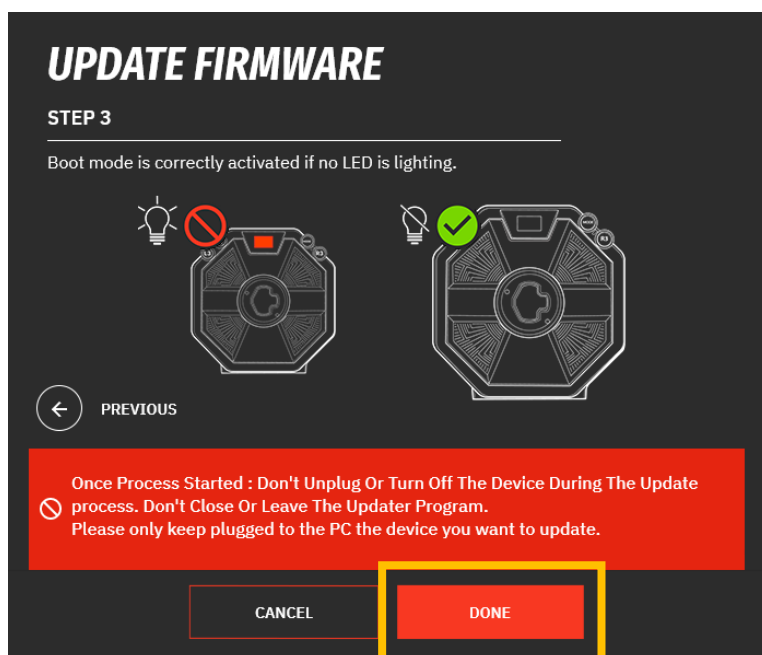


4. Release the L3 and ⚙️ (Settings) buttons.

Boot mode is properly activated if the base's screen is off.

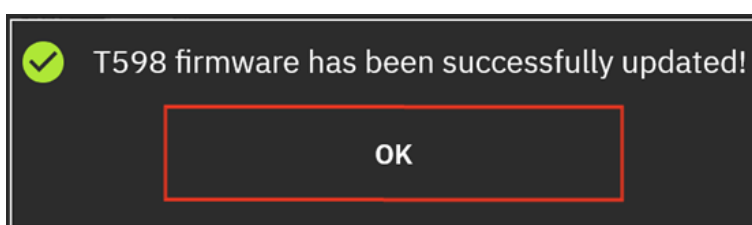


5. In My Thrustmaster Panel, click DONE to start the firmware update.



Once the update has started, do not disconnect or power off the base. Do not close or exit the My Thrustmaster Panel software.

6. Once the update is complete, power off the base by pressing the On/Off button, and then power the base back on.





Your base’s firmware is now up to date.

T598

●

Connected

UPDATE

APPLICATION VERSION:

1.0.196.0

✓

FIRMWARE VERSION:

1.94

✓

QUICK RELEASE ADAPTER FIRMWARE VERSION:

n/a

DRIVER PACKAGE VERSION:

2.NextRW.2024

✓

APPLY UPDATES



Automatic calibration of the racing wheel and pedals

The wheel rim automatically self-calibrates when you plug the racing wheel into a wall outlet, power it on using the On/Off button, and connect the racing wheel's USB connector to the PlayStation®4 / PlayStation®5 console or PC.

This operation automatically recenters the racing wheel.



Never touch the racing wheel during the self-calibration phases. This could result in improper calibration and/or personal injuries.



Never disconnect the pedal set from the base or connect it to the base when the console is powered on. This could result in improper calibration.



Always connect the pedal set before connecting the racing wheel to the console.

Once the racing wheel's self-calibration is complete and the game has been started, the pedals are automatically calibrated after a few presses.



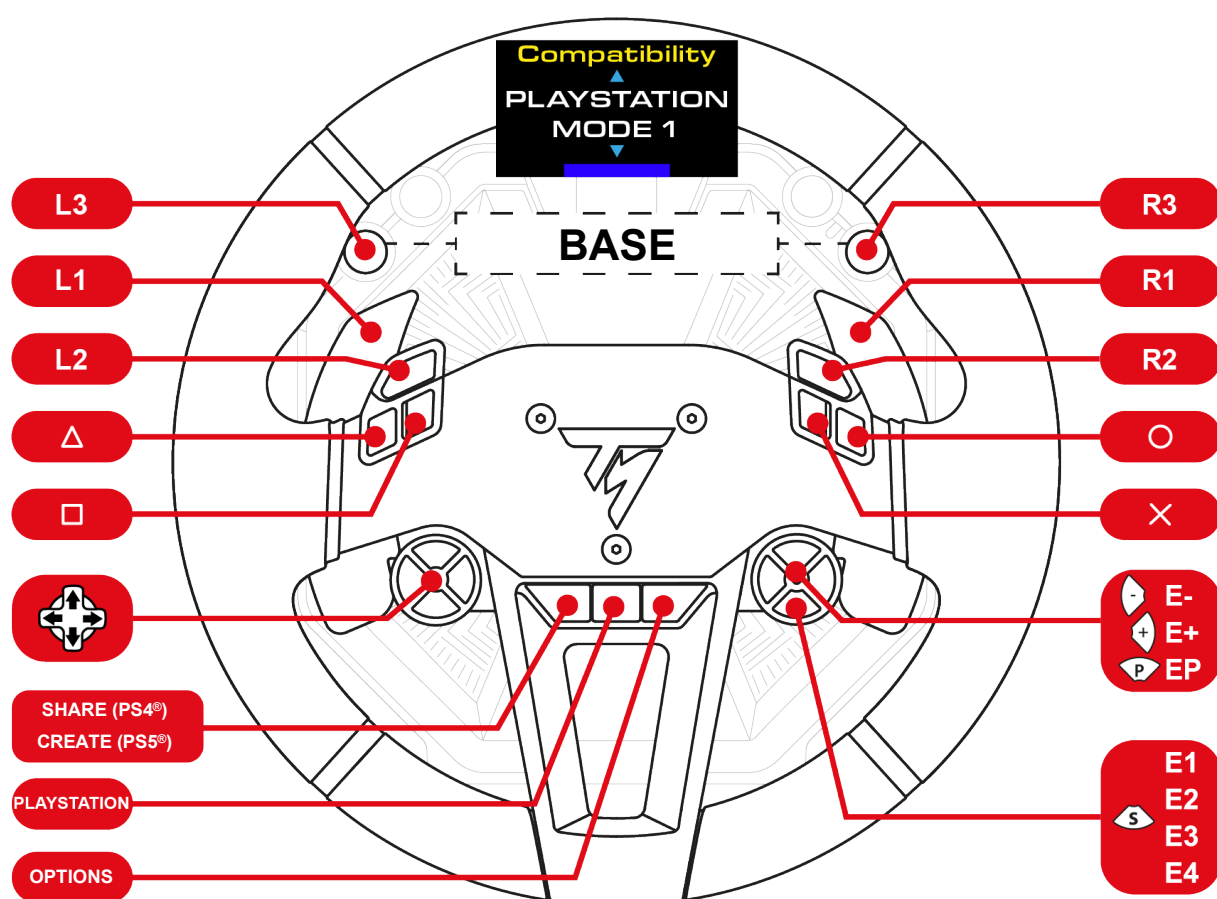
Never press the pedals when powering on your console or your PC, starting a game, changing the compatibility mode or installing a wheel rim on the base when the base is powered on, or during the racing wheel's self-calibration phases. This could result in improper calibration.



If your racing wheel and/or pedal set do not function correctly, or if they seem to be improperly calibrated: power off your console or PC and completely disconnect the racing wheel. Then reconnect all cables (including the power supply cable and the pedal set), and restart your console or PC and your game.



10. Mapping for PlayStation®4 consoles or PlayStation®5 consoles

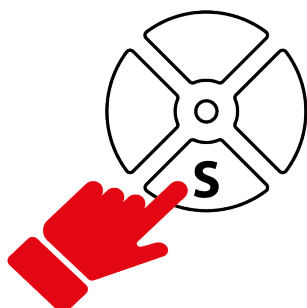


On PlayStation®4 consoles or PlayStation®5 consoles, the racing wheel is recognized in games as a **Thrustmaster T-GT** racing wheel or a **Thrustmaster Advanced Racer** racing wheel.



Using the encoders

Select the active encoder by pressing the **S** encoder selector.



The LED above the selector indicates the active encoder.

The following functions and LED colors are associated with the encoders:

E1	E2	E3	E4

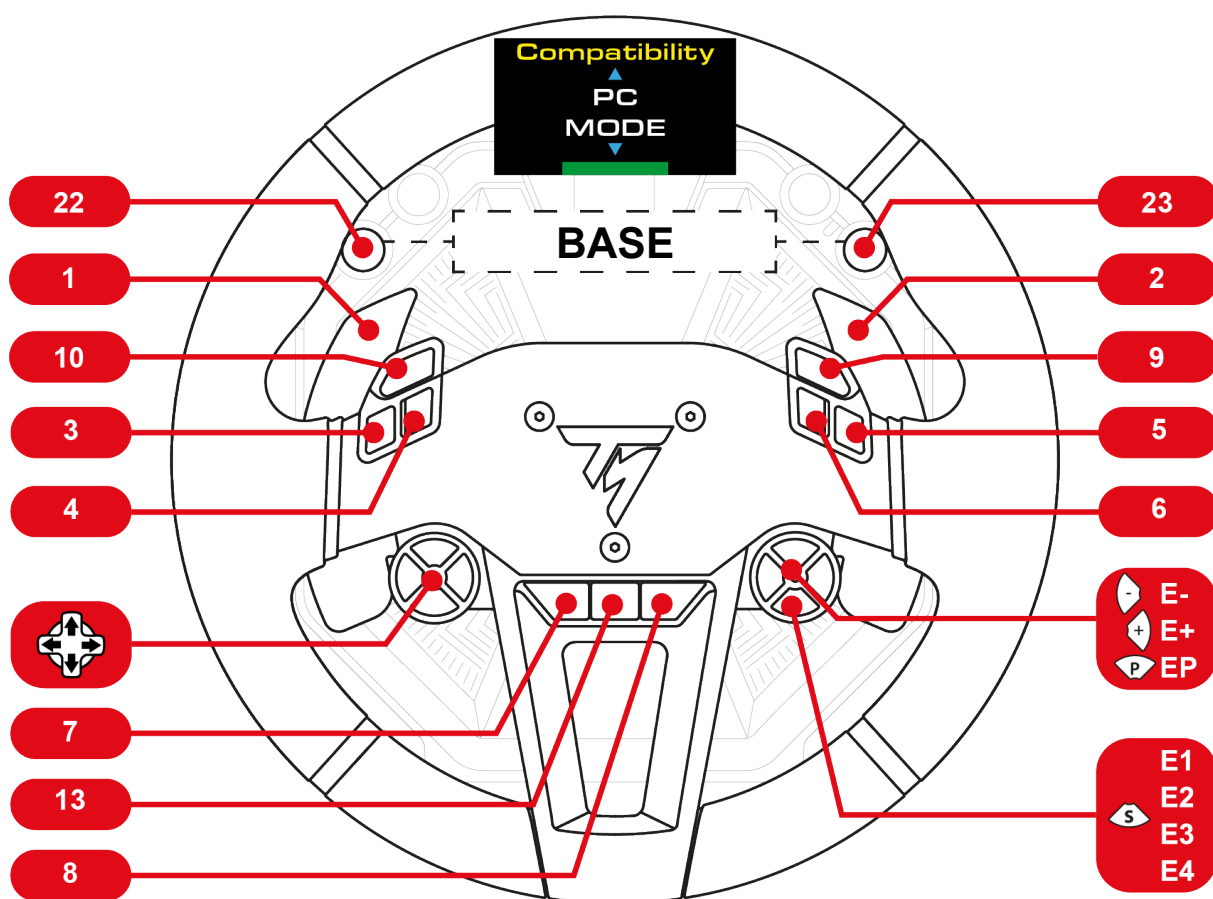


Encoders E1, E2, E3 and E4 work in games compatible with Thrustmaster encoders. The list of compatible games is available here:

<https://support.thrustmaster.com/product/T598p/>
(in the **Games settings** section). This list is regularly updated.



11. Mapping for PC

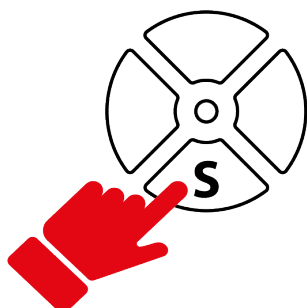


On PC, in the control panel and in games, the racing wheel is recognized with the name **Thrustmaster Advanced Mode Racer**.



Using the encoders

Select the active encoder by pressing the **S** encoder selector.



The LED above the selector indicates the active encoder.

The following functions and LED colors are associated with the encoders:

E1	E2	E3	E4



Encoders E1, E2, E3 and E4 work in games compatible with Thrustmaster encoders. The list of compatible games is available here:

<https://support.thrustmaster.com/product/T598p/>
(in the **Games settings** section). This list is regularly updated.



12. Screen operation

The base's screen lets you:

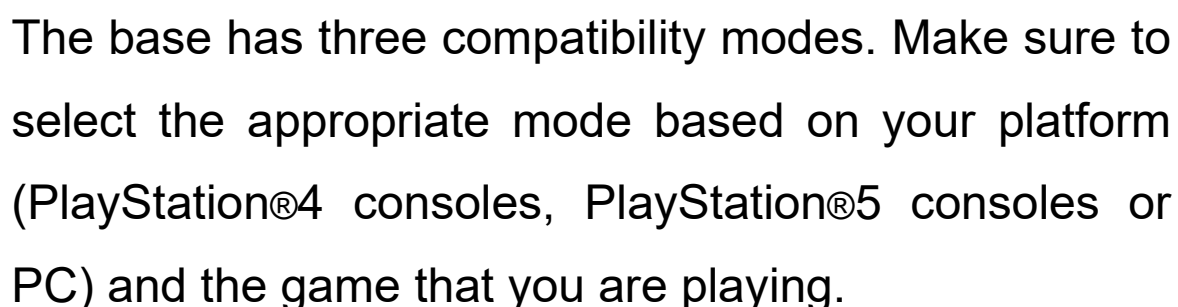
- **Select the compatibility mode;**
- **Access the Settings or Telemetry submenus;**
- **Change the settings for the wheel rim, the base and the pedal set, as well as the screen's brightness;**
- **Select the telemetry information to be displayed.**



If no wheel rim is installed on the base or if the wheel rim is improperly installed, the following screen will be displayed:



Please install a wheel rim on the base, or uninstall and then reinstall the wheel rim on the base.

81



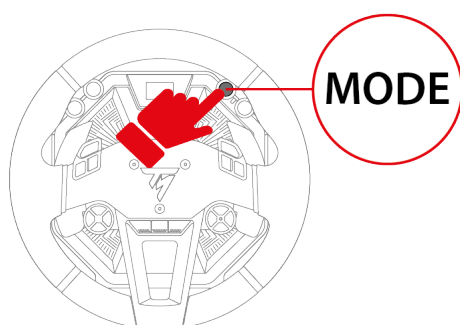
On PlayStation®4 consoles or PlayStation®5 consoles, to see if your game is compatible with PLAYSTATION MODE 1 (blue) or PLAYSTATION MODE 2 (red), go to:

<https://support.thrustmaster.com/product/T598p/>

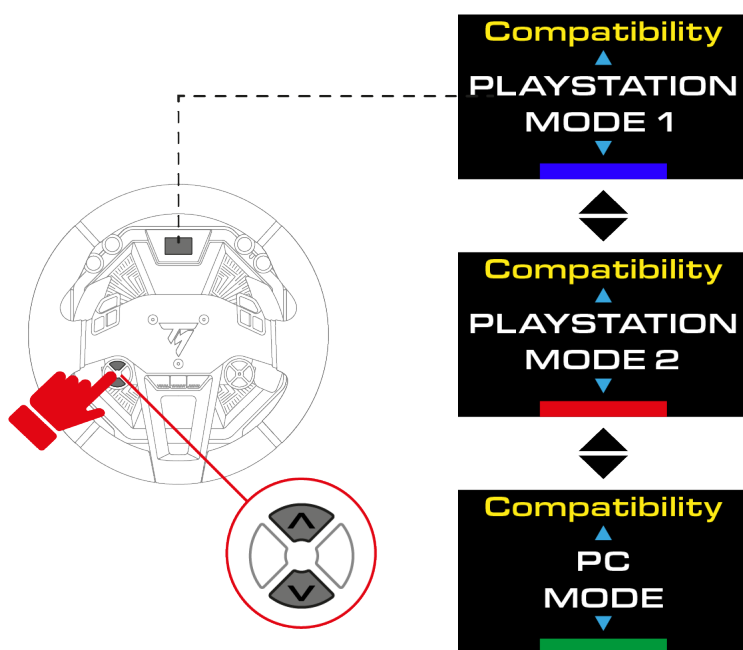
In the **Games settings** section, select PlayStation® Games list.

To select the mode corresponding to your platform:

1. Press the MODE button.

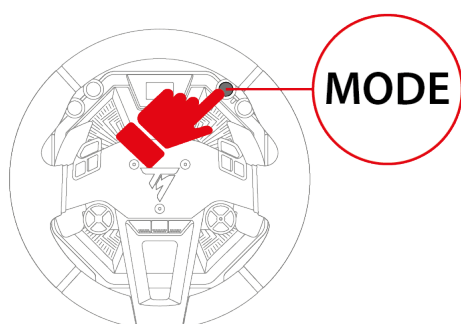


2. Use the directional buttons to display the mode corresponding to your platform.





3. Press the MODE button to confirm the selection.
Your selection is saved in the base's internal memory.

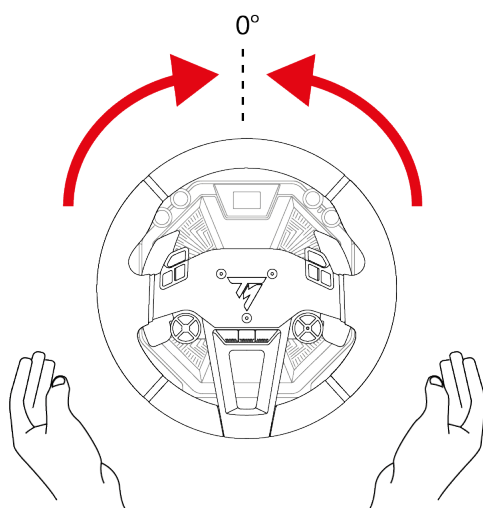


If the selected mode is identical to the mode that was previously selected, the screen you were on before selecting the mode is displayed.

If the selected mode is different from the mode that was previously selected, the racing wheel will restart and perform a self-calibration.



During the racing wheel's self-calibration phase, make sure not to put your hands on the wheel rim.




You are now ready to play!



Accessing the Settings or Telemetry submenu



For safety reasons and to avoid any risk of injury, we very strongly advise you to pause the game **before** pressing the  button (Settings).



To display the Settings or Telemetry submenu selection screen:

1. Press the  button (Settings).

The following screen is displayed:



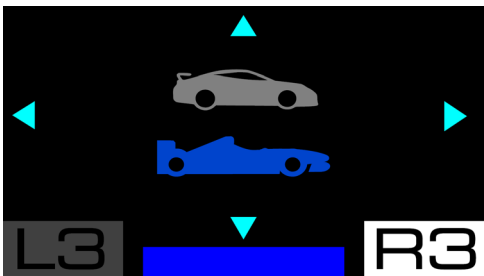
2. Press the L3 button to select the **Settings** submenu.

The following screen is displayed:



Press the R3 button to select the **Telemetry** submenu.

The following screen is displayed:





Settings submenu

The Settings submenu lets you display information about the base, the wheel rim and the pedal set, and lets you change the associated settings.



To access the Settings submenu, press the ⚙ button (Settings), then press the L3 button.

The following screen is displayed:



- ❶ Accessory involved: base, wheel rim or pedal set
- ❷ Selected Settings submenu
- ❸ Name of the selected setting and its value
- ❹ Possible navigation in the submenu
- ❺ Selected compatibility mode



To navigate through the Settings submenu:

- Use the  directional buttons.

To change the value of a setting:

- Use the  directional buttons.

To confirm the value of a setting:

- Press the  button (Settings).

You will exit the Settings submenu and the screen will display the telemetry information (GEAR screen by default).



Adjusting the brightness



This screen lets you change the overall brightness of the screen's display. Three settings are possible: - 1; 0 (default setting); + 1.



Settings of the base





Firmware of the base



This screen shows the firmware version of the base.



Force Feedback profiles



This screen is used to select the Force Feedback profile. You have the choice between four saved profiles, ranging from the least aggressive Force Feedback to the most aggressive: FFB D (default); FFB 1; FFB 2; FFB 3.

The saved settings are:

	FFB D	FFB 1	FFB 2	FFB 3
Master gain	50%	75%	100%	100%
Mode	S	P	P	E
Friction	MID	MID	LOW	OFF
Boost low	0	0	0	0
Boost high	0	0	0	0
Speed	MID	HIGH	HIGH	EXT
Damper	20%	10%	0%	0%
Spring	0%	0%	0%	0%
Gear jolt	OFF	OFF	OFF	OFF
End stop	HIGH	HIGH	HIGH	HIGH



You can change the FFB 1, FFB 2 and FFB 3 profiles by changing the settings of the base. The profiles are saved in the base's internal memory.

Use the **Factory Reset** screen to restore the saved settings of the FFB 1, FFB 2 and FFB 3 profiles.



The FFB D profile cannot be modified.



The selected profile is shown in the top left of the screen when you navigate through the base's settings.





Depending on the Force Feedback profile selected and the settings defined, the base may generate a whistling sound. This is normal and linked to the combination of several parameters aimed at increasing the motor's responsiveness. The greater the responsiveness, the louder the whistling sound. This whistling sound is characteristic of competition vehicles using an electric motor, and these vehicles' configuration.



Master gain (overall Force Feedback)



This screen lets you adjust the overall power of the Force Feedback effects (master gain). This value ranges from 0% to 100%, in increments of 5.

Mode



This screen is used to select the driving mode and change the Force Feedback responsiveness. There are four modes to choose from, ranging from the least responsive to the most responsive:

- B – Beginner;
- S – Sport;
- P – Performance;
- E – Extreme.



Inertia



This screen lets you adjust the wheel rim's inertia. There are four settings to choose from, ranging from no inertia to high inertia (OFF, LOW, MID, HIGH), allowing for more or less steering control depending on the game you are playing and the vehicle you are using.

This motor setting increases the wheel rim's inertia proportionally to the vehicle's speed. The faster the vehicle goes, the more the inertia increases.

High inertia increases the force required to turn the wheel rim (the wheel rim then slows down), thereby limiting oscillations in a straight line when using very powerful vehicles.



The Inertia effect is only functional in games that support displaying the vehicle's speed on the base's screen.

The list of compatible games is available here:

<https://support.thrustmaster.com/product/T598p/>.

In the **Games settings** section, select List of games compatible with the T598 INERTIA option.



Friction



This screen lets you adjust the motor's friction when the wheel rim is turning slowly or not moving. There are four settings to choose from, ranging from no resistance to very strong resistance: OFF; LOW; MID; HIGH.



This setting can be used to avoid oscillating movements.



Boost low (light to medium effects)



This screen lets you adjust the light to medium Force Feedback effects (e.g., rumble strips on the edge of the track, road texture). There are five settings to choose from: - 2; - 1; 0; + 1; + 2.

Boost high (medium to high effects)



This screen lets you adjust the medium to high Force Feedback effects (collision with another vehicle or a wall, etc.). There are five settings to choose from: - 2; - 1; 0; + 1; + 2.



Speed



This screen lets you change the motor's rotation speed (for example: when you release the wheel rim and it continues to turn). There are four settings to choose from, ranging from slow to very fast rotation speed: LOW; MID; HIGH; EXT.



This is a safety-related setting, because the motor is very fast.



Damper



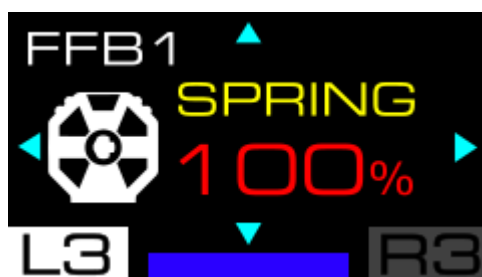
This screen lets you adjust the Force Feedback damper (rotation of the wheel rim that is more smooth or less smooth). This value ranges from 0% to 100%, in increments of 10.



Reducing the damper force increases, improves and optimizes the overall feel of the Force Feedback. You should use a low damper force.



Spring



This screen lets you adjust the spring force (return to central position of the wheel rim when there is no Force Feedback). The default spring value is 0%. This value ranges from 0% to 100%, in increments of 10.



You should only change the spring value in games that do not support Force Feedback.



In some games, including those supporting Force Feedback, the value of the spring is automatically adjusted by the game. This does not affect the quality of the Force Feedback effects.



Gear jolt



This screen lets you change the level of jolting that you feel when shifting gears. There are four settings to choose from, ranging from no feeling to strong feeling: OFF (default); LOW; MID; HIGH.



The Gear jolt effect is only functional in games compatible with the Thrustmaster telemetry SDK. The effect only works in games where telemetry information is displayed on the base's screen.

The list of compatible games is available here:

<https://support.thrustmaster.com/product/T598p/>

(in the **Games settings** section). This list is regularly updated.



End stop (virtual end stop)



This screen lets you change the force of the virtual end stop (end stop damping). There are three settings to choose from, ranging from low to very strong force: LOW; MID; HIGH (default).



Wheel rim settings





Wheel rim firmware



This screen shows the firmware version of the wheel rim.



The firmware version is only displayed when a wheel rim is installed on the base and the information is available.



Rotation angle



This screen lets you set the wheel rim's angle of rotation. There are seven settings to choose from: 180°; 270°; 360°; 540°; 900°; 1080°; AUTO (default).

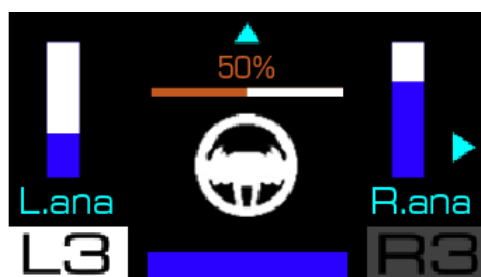


- When the wheel rim's angle of rotation is set to AUTO, the angle is automatically adjusted by the game according to the vehicle being used.
- The angle of rotation can only be changed manually in video games where the angle is not automatically set.

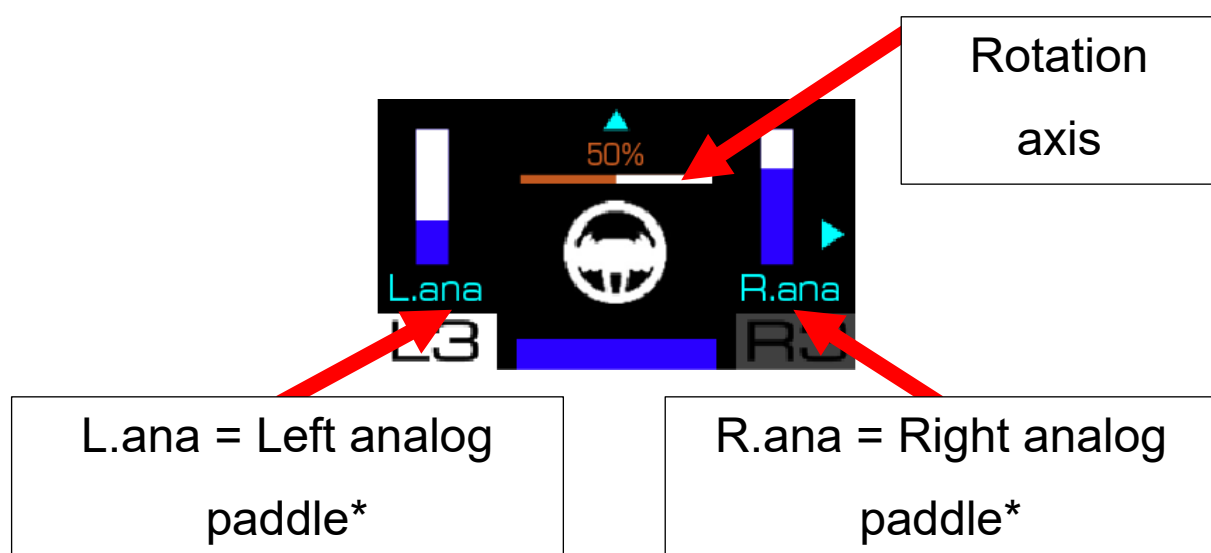
Example: In the game *GRAN TURISMO™ 7*, the angle of rotation is automatically adjusted according to the vehicle being used, in order to reproduce the same angle as on the real vehicle. It is therefore not possible to change this angle manually.



Test and central position



This screen lets you test the analog paddles* and the wheel rim's axis and reset the central position of the wheel rim (only when needed).



**Only available for wheel rims with analog paddles*




When testing an analog paddle*, the gauge associated with this paddle fills up.

When testing the rotation axis, the gauge associated with the wheel rim fills up:

- 0%: you have reached the left end stop;
- 50%: central position of the wheel rim;
- 100%: you have reached the right end stop.

To reset the central position of the wheel rim:

1. Position the wheel rim in the center. “50%” should be displayed on the screen.
2. Press  for five seconds.

**Only available for wheel rims with analog paddles*

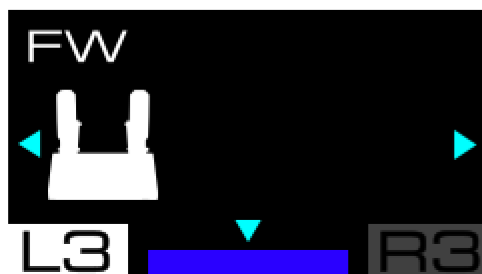


Pedal set settings





Pedal set firmware



This screen will show the firmware version of certain pedal sets in the future.



Type of pedal set



This screen lets you select the type of pedal set being used. There are three types of pedal sets to choose from:

- TRLP: for the Raceline Pedals LTE pedal set, included with T598;
- T3PA: for the T2PM*, T3PA* and T3PM* pedal sets (without a Load Cell force sensor);
- T-LCM: for the T-LCM Pedals* pedal set (with a Load Cell force sensor).



When using the Raceline Pedals LTE pedal set included with the base, select the TRLP type.

**Sold separately*





Pedal set configuration



This screen lets you select the pedal set configuration.

There are two positions to choose from:

-  (default): normal position;
- : inverted position.



- The inverted position is only available with a 3-pedal pedal set.
- In the inverted position, the accelerator and clutch pedals are reversed.



Resetting the settings






This screen lets you reset the settings for the base, wheel rim, pedal set, screen and telemetry.


To reset the settings:

1. Press . The following screen is displayed:



2. Press  to confirm the reset. When the settings have been reset, the following screen is displayed for five seconds:



Press  to refuse the reset. The following screen is displayed:





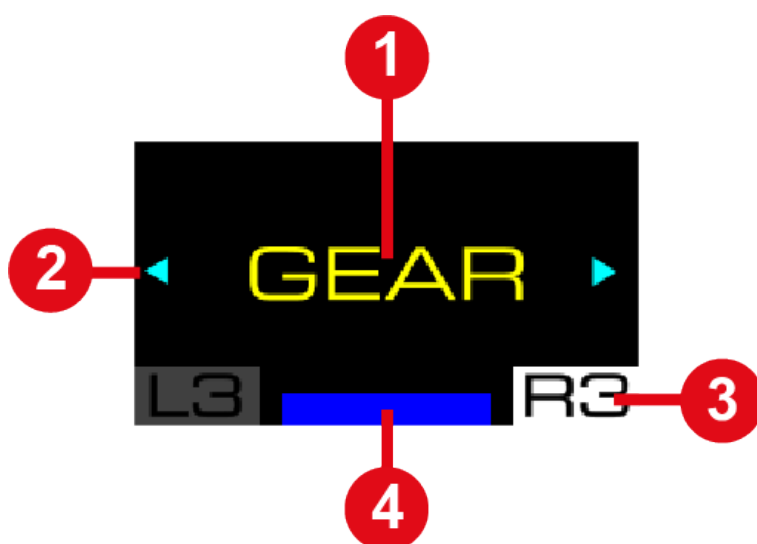
Telemetry submenu

The Telemetry submenu lets you select the telemetry information displayed in the game: speed, position, number of laps, session time, engine speed, etc.



To access the Telemetry submenu, press the ⚙ button (Settings), then press the R3 button.

In the Telemetry submenu, the following screen is displayed:



- ① Type of information to be displayed in the game
- ② Possible navigation in the submenu
- ③ Selected Telemetry submenu
- ④ Selected compatibility mode



During the game, the following screen is displayed:



- ① RPM strip
- ② Telemetry information
- ③ Selected compatibility mode

To navigate through the Telemetry submenu and select the telemetry information to be displayed:

- Use the  directional buttons.

To confirm your selection:

- Press the  button (Settings).

You will exit the Telemetry submenu and the screen will display the selected telemetry information.



Telemetry and compatibility

The telemetry information is only displayed in games that are compatible with the Thrustmaster SDK.

The list of compatible games is available here:

<https://support.thrustmaster.com/product/T598p/>

(in the **Games settings** section). This list is regularly updated.



Updating the firmware

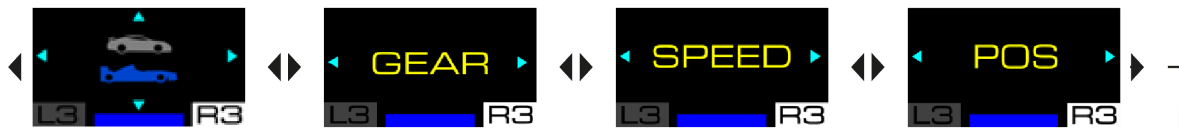
In order to be able to use the telemetry features, the firmware of the base and the wheel rim you are using may have to be updated.

To carry out the update:

1. Go to

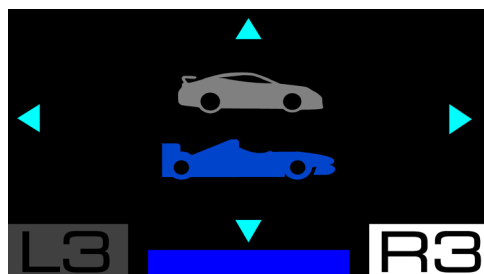
<https://support.thrustmaster.com/product/T598p/>

2. Download and install the My Thrustmaster Panel software available in the **Software** section and follow the instructions.





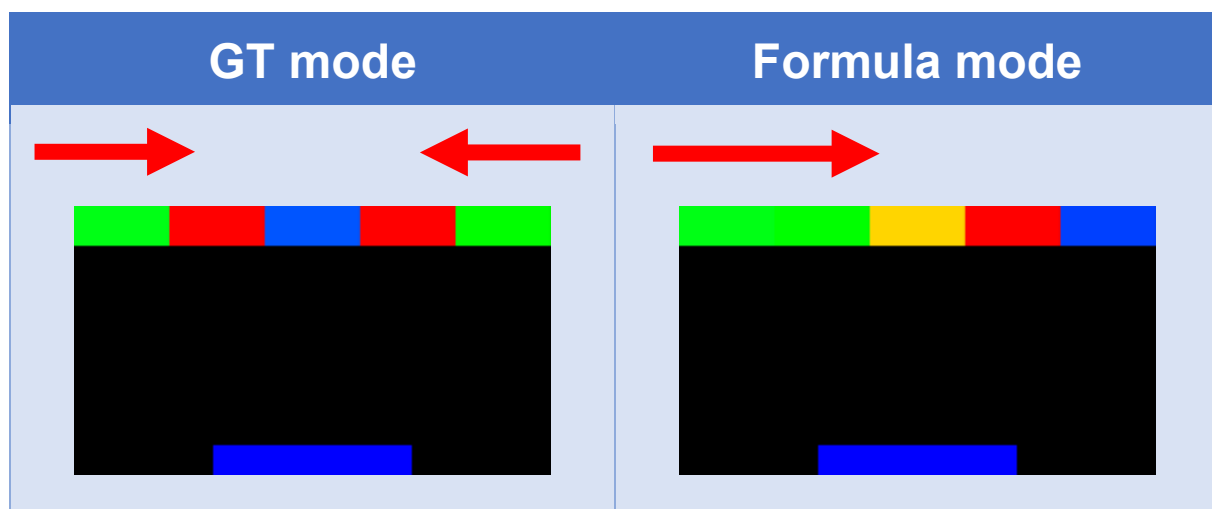
GT or Formula mode





This screen lets you select the display mode for the engine speed (RPM). There are two modes to choose from:

- GT mode (red): from the extremities to the center;
- Formula mode (blue, default): from left to right.

Examples of displays:



Use the  directional buttons to select a mode, then press the  button (Settings) to confirm your selection.



Gear



This screen lets you display information about the current gear and, depending on the games, the flag (FLAG) and the pit (PIT).

Example of display:



Speed



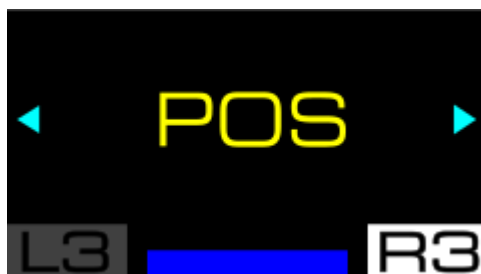
This screen lets you display the vehicle's speed.

Example of display:





Position



This screen lets you display the position in the ranking.

Example of display:



Lap



This screen lets you display the number of laps completed.

Example of display:





Time



This screen lets you select the time display mode (TIME).



There are three modes to choose from:

- TIME CL: displays the current lap time (CURR LAP);
- TIME LL: displays the last lap time (LAST LAP);
- TIME BL: displays the personal best lap time (BEST LAP).

Examples of displays:

TIME CL	TIME LL	TIME BL
 01:29 825 CURR LAP 	 01:29 825 LAST LAP 	 01:29 825 BEST LAP 



Use the  directional buttons to select a mode, then press the  button (Settings) to confirm your selection.



Engine speed



This screen lets you display the engine speed (RPM).

Example of display:





13. FAQ and technical support

Do you have questions regarding the T598 Servo Base base, the SportCar Steering Wheel wheel rim or the Raceline Pedals LTE pedal set, or are you experiencing technical problems? If so, visit the Thrustmaster technical support website:

<https://support.thrustmaster.com/product/T598p/>

On this page, you can also download the My Thrustmaster Panel software to update the firmware of the base and the wheel rim.

