



FORKLIFT_ SIMULATOR

THE FORKLIFT SIMULATOR GETTING STARTED

A simple start up guide to
your new Forklift Simulator.



FORKLIFT_
SIMULATOR

Play hard —
Work smart

Congratulations on your brand new Forklift Simulator!

To get you started quickly here's a simple start up guide to your new Forklift Simulator.

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Play hard _
Work smart

THE FORKLIFT-SIMULATOR - UNBOXING

UNBOXING THE FORKLIFT-SIMULATOR - WOODEN CRATE

If your unit has been shipped in a wooden shipping crate follow the instructions below. If your unit was delivered in the optional flight case, see p.5.

Assure the Flight Case has not been damaged through transportation.



1. Remove the screws that hold the top lid and remove it.



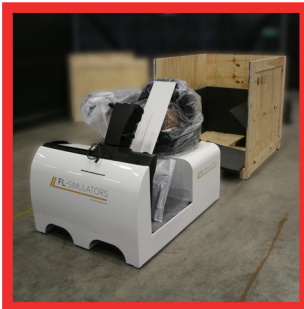
2. Remove the screws on one of the short sides of the crate and remove the panel.



3. You should now have access to the fork pockets on the front or rear of the unit.



4. Using a forklift (or similar device) lift the unit by its fork pockets and remove the crate by sliding from underneath the unit.



5. Place the unit on the floor. You can move and position it using a handpallet.



6. The headset, keyboard, steering wheel and power cable are stored in the foot compartment.

* Images featuring an older model

THE FORKLIFT-SIMULATOR - UNBOXING

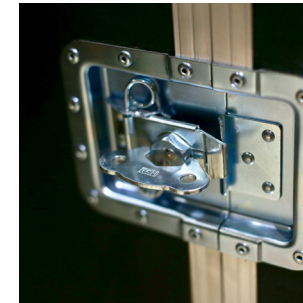
UNBOXING THE FORKLIFT-SIMULATOR - FLIGHT CASE

If your unit has been shipped in the optional flight case, follow the instructions below. If your unit was delivered in a wooden shipping crate, see p.4.

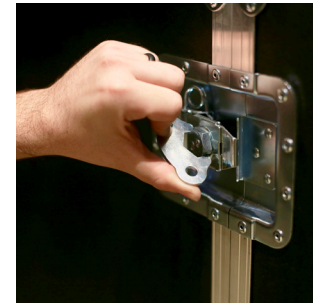
Assure the Flight Case has not been damaged through transportation. Check if the wheels and wheel locks are properly operating.



1. Position the flight case so that you have enough room to walk around it. We recommend to lock the wheels.



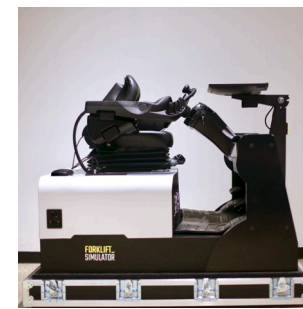
2. Unlock all 12x Latches on the Forklift-Simulator by turning each latch counter-clockwise.



3. To unlock a latch, flip up the butterfly lever and turn clockwise.



4. Once all latches are unlocked, grab the handles and lift the flight case up, then move it to the side. We recommend two people to remove the case. Remove both lids.



5. With a forklift, evenly align the forks to the entry points of the Forklift-Simulator. Lift the Forklift Simulator several inches above the flight case so that you can roll the flight case out of the way. Once the flight case is removed, slowly set the Forklift-Simulator to the ground. From this point on you can easily move the unit around using a hand pallet.



PRO-TIP

When storing the Forklift Simulator back into the Flight case, lift the Forklift Simulator and roll the bottom case underneath the Forklift and slowly set it down.

THE FORKLIFT-SIMULATOR - HARDWARE

THE FORKLIFT-SIMULATOR - SETTING UP THE UNIT

To set up your unit for use, follow these simple steps.

SETTING UP THE MONITOR SUPPORT



BEFORE



1. Locate the Yellow latch at the front of the monitor.



2. Place one hand on the back of the monitor and and one hand on the yellow latch.

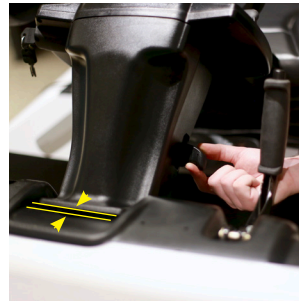
ADJUST THE STEERING WHEEL



3. Push the yellow latch down and position the monitor to stand straight. You will hear the monitor lock into position.



AFTER



Pull the steering lever up and adjust the steering wheel to the desired position. We advise you to position the steering column so that the front edge of the top cover is alignent with the lign on the underlying dashboard.

THE FORKLIFT-SIMULATOR - HARDWARE

ADJUSTING THE SEAT



Pull the seat adjustment lever up and slide the seat in the desired position. You can also adjust the suspension of the seat with the middle lever.

ADJUSTING THE BACKREST

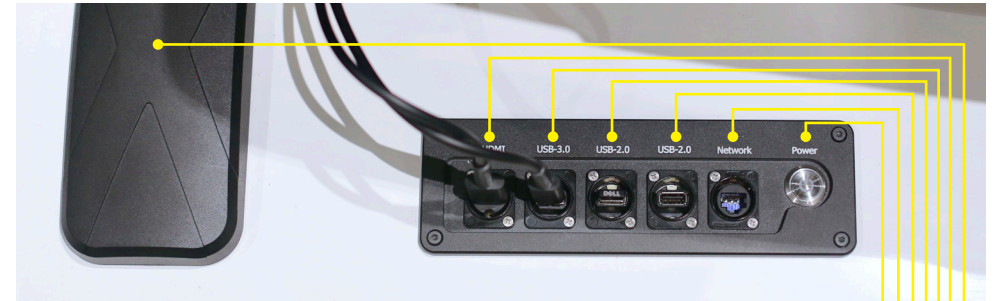


The lever to adjust the angle of the back rest is located on the side of the seat opposite of the side with the armrest. Pull the lever up and adjust the back rest in the desired position.

CONNECTING THE POWER



Plug the power cord into the Forklift-Simulator and power socket.



CONNECTING THE OCULUS HEADSET

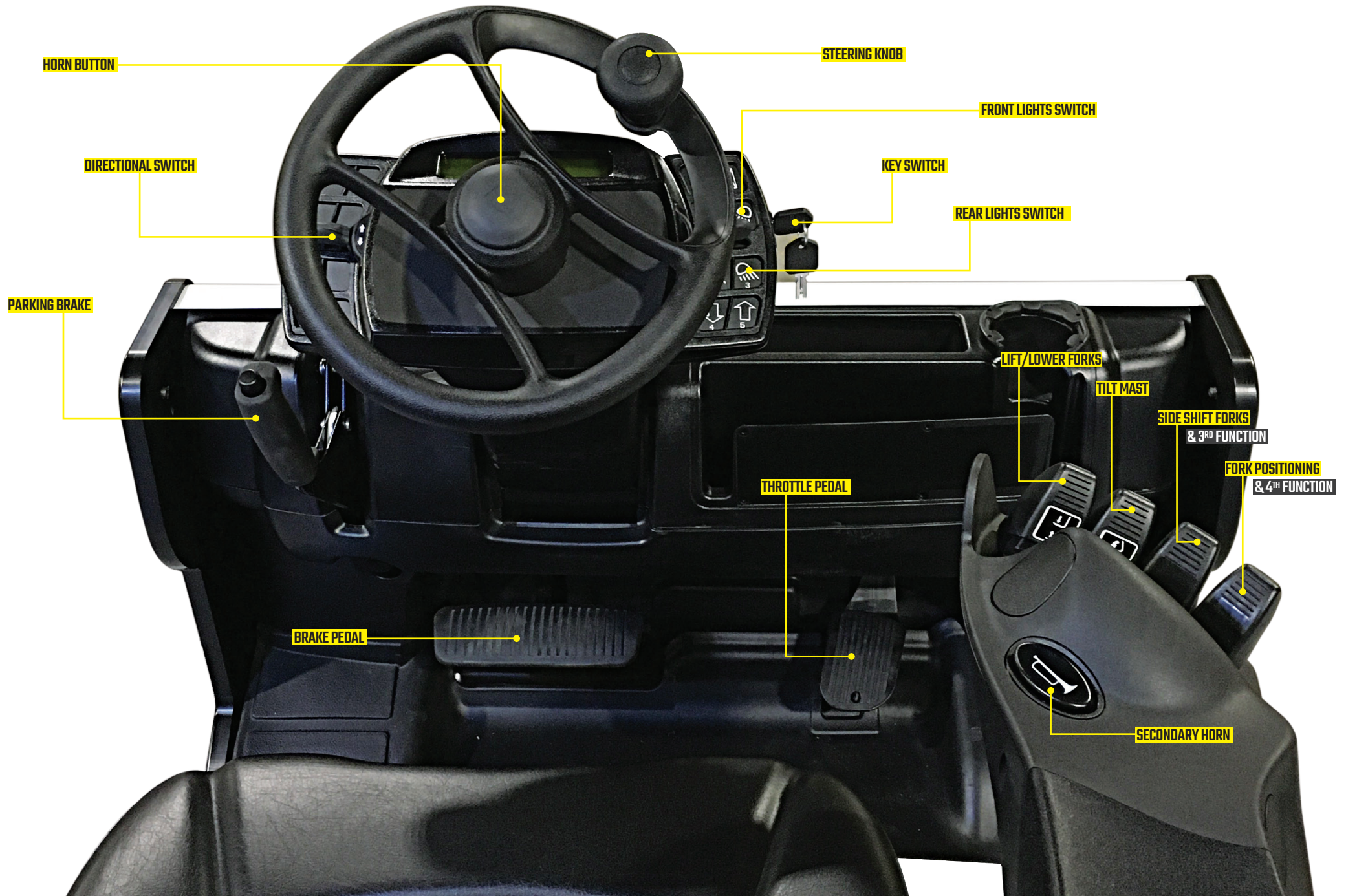
Plug in the Oculus Rift into the HDMI and USB-3.0 port. Press the Power Button, to turn the Forklift Simulator on.

IMPORTANT: The Oculus Rift will only work properly with USB 3.0! Make sure that it is not plugged into USB 2.0.

- HDMI (Oculus)
- USB 3.0 (Oculus)
- USB 2.0 connector
- USB 2.0 connector
- Network connector
- Power button
- Cellular and Wi-Fi Antenna

THE FORKLIFT-SIMULATOR

GENUINE FORKLIFT CONTROLS



THE FORKLIFT-SIMULATOR - OCULUS HEADSET

HOW TO PROPERLY USE THE OCULUS RIFT VR HEADSET

A best practice guide on how to deliver a Forklift Simulator experience to new and experienced users.

MAINTENANCE

Clean the Rift lenses free of smudges and dust particles.
Avoid scratching the lens by using high quality lens cloths.
Use anti-septic wipes to sanitize the Rift.

ASSURE COMFORT AND VISUAL CLARITY

Release the Velcro straps from the Oculus Rift headset.

Enter in the headset, eyes first while fitting the back of head.
(Put it on like a baseball cap, forward to back.)

Gently tighten the Velcro straps to keep Rift in place. Start with top strap, then side straps.

Assure that the lens is placed over the eyes where the image is most clear!

There is a lens slider positioned underneath headset to adjust the width of the lens'.
Users with very wide or very narrow space between their eyes should adjust this slider.
(Best to keep lens slider positioned at the center for most users)

PRO-TIP If the position of the Rift is falling over the eyes, tighten the top strap.
Experience that is not in focus can stimulate motion sickness.

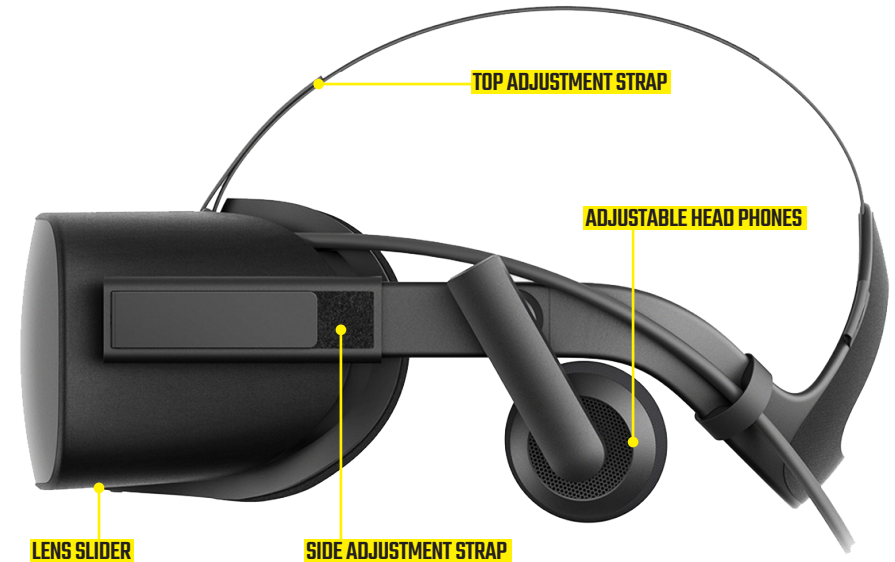
Users with glasses should be extra careful with putting on the Rift.
Enter in the Rift glasses first. Once their glasses have passed through
the headset, fit the back of headset to the back of head.

GETTING STARTED

Important to remember that first time users should ease into their first VR experience!
Making the user feel comfortable is key.

Once a lesson has been chosen, begin by having users look around the environment.
Encourage the user to look behind them, above them, and carefully leaning outside the
truck. When the driving portion of an exercise begins, start by driving slowly around the
environment.

THE FORKLIFT-SIMULATOR - OCULUS HEADSET



PRO-TIP It usually takes 2-3 trials before first time users get acclimated to
the VR technology. Users will build a higher tolerance overtime.

If user cannot proceed with VR simulation, help remove the headset and
have them relax until they are ready to proceed.

REMOVING THE RIFT

Release Velcro straps and remove the headset by lifting from the back of head first.

For additional information on the use and maintenance of the Oculus please read
the original Oculus manual that is included in the Oculus box.

THE FORKLIFT-SIMULATOR - SOFTWARE

SAFETY & HEALTH DISCLAIMER

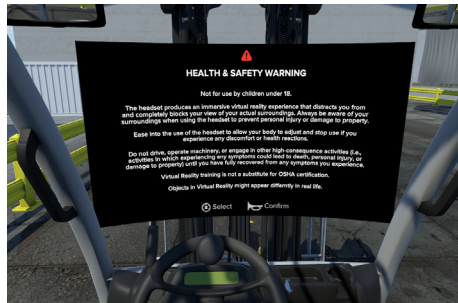
OCULUS

At first startup Oculus the default Oculus Health & Safety warning will need to be acknowledged. To do so, put on the headset and look at the box at the bottom of the text for 3 seconds. When looking at the box you'll see it will start to fill up. Once it is full the warning will disappear and you'll be taken to the Forklift-Simulator environment.

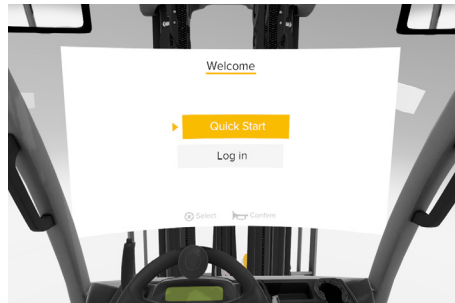
FL-SIMULATORS

When in Quickplay mode you will need to acknowledge the Forklift-Simulator disclaimer at the start of each exercise to be able to proceed. You can acknowledge by simply pressing the horn button on the middle of the steering wheel.

When Logged in you will only need to acknowledge this disclaimer once after login.



Forklift-Simulator disclaimer



Quickplay or Log in

QUICKPLAY - LOGIN

QUICKPLAY MODE

This modus can be used by anyone. No individual results will be saved and progress will not be tracked in this mode.

LOGIN MODE

If you're company has access to the optional module that allows individual drivers to log in and track their progress you can choose to log in with the pin code provided to you by the system's administrator. Individual results will be saved enabling both driver and trainer to track his/her progress over time.

THE FORKLIFT-SIMULATOR - SOFTWARE

MENU AND NAVIGATION

In general the steering wheel is being used to scroll through the menu's. Turn the steering wheel left to move the selector up, turn the steering wheel right to move down.

Use the horn in the middle of the steering wheel to select or acknowledge.

When in a sub-menu, you can always go up one level in the menu by selecting the back button on top of the menu.



Main menu of the default CB curriculum

COMPLETING AND/OR EXITING AN EXERCISE

When an exercise is completed, a new screen will appear showing the results and acquired medal. At this point you'll have three options:

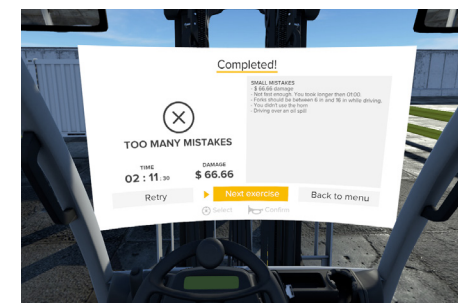
Retry: Restart the same exercise and try to improve your result.

Next exercise: Immediately skip to the next exercise in the current level.

Back to menu: Return to the exercise selection menu.

Use the steering wheel to select and the horn button to acknowledge.

Whenever you are in an exercise and want to quit without having to complete the entire exercise you can look at the 'EXIT' button, located under the Head Up Display, for 3 second until the rectangle is completely filled up. This will take you to the results page from which you can choose to 'retry', skip to the 'next exercise' or 'back to menu'.



Results page



Head Up Display and EXIT button

THE FORKLIFT-SIMULATOR - SHUTTING DOWN

SHUTTING THE DOWN THE FORKLIFT-SIMULATOR

To shut down the unit all you need to do is push the power button. The unit wil shut down and will be waiting for the next ride.

PRO-TIP Treat the Forklift-Simulator as any other Computer and do not unplug the power cord before the unit is completely shut down.



POWER BUTTON



DO NOT UNPLUG THE POWER CABLE

BEFORE SHUTTING DOWN THE UNIT!

THE FORKLIFT-SIMULATOR - TRANSPORT

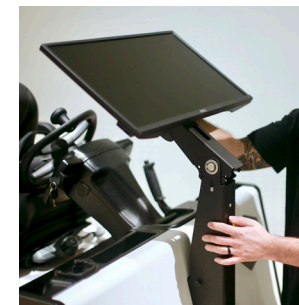
PREPARING THE UNIT FOR TRANSPORT / STORAGE

When transporting or even storing the Forklift-Simulator, we strongly advise the use of the optional flight case especially design to protect the unit from impact, dust and spray.

The flight case must be transported upright and must be handled with care at all times and should be stored in a dry and clean enviroment.



1. Shut down the unit by pushing the power button once.



2. Fold down the screen and make sure the lock snaps into position.



3. If you do not have the optional flight case you can store the unit like this. (not for transport)



4. Lift the Forklift Simulator and roll the bottom case underneath the Forklift and slowly set it down.



5. Place both covers. Pay attention to the latches when positioning the covers. 2 persons recommended.



6. Lock the latches by turning the butterfly levers clockwise.

THE FORKLIFT-SIMULATOR - TROUBLE SHOOTING

Problem		Solution
1	The unit does not turn on	Check if the power cable is connected and try another device on the same power outlet to make sure there is power. If there is power and the unit is connected, but still doesn't turn on contact support@forklift-simulators.com
2	The front screen remains black	At start up you will need to put on the headset and acknowledge Oculus's health and safety warning by looking at the box underneath the text for 3 seconds. If the screen still remains black, try to push the power button on the screen and check if the input is set to 'Display Port'
3	The v forwa	before be- us needs has an orklift-simu- remotely.
4	None worki	on: Key gear set to the power 1 minute. solved
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UPDATE
 AND COMPLETE
 OR REPLACE
 WITH ONLINE
 INFO

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