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DXRacer Formula

DXRacer Formula Gaming Chair Instruction Manual

Model: Formula

1. INTRODUCTION

The DXRacer Formula Series chair is designed to provide support and comfort for extended periods of sitting, suitable for various environments including home offices and gaming setups. This chair features an ergonomic design with adjustable components to optimize user experience.





Figure 1.1: DXRacer Formula Gaming Chair, front view. This image displays the overall design of the chair, highlighting its racing-inspired aesthetic and general proportions.

Key features include adjustable armrests, detachable headrest and lumbar cushions, and a multi-functional tilt mechanism, allowing users to customize their seating position.





Figure 1.2: DXRacer Formula Gaming Chair with headrest and lumbar support cushions attached. This view illustrates the ergonomic cushions designed for enhanced comfort and spinal alignment.

2. SAFETY INFORMATION

Please read and understand all safety instructions before assembling or using the DXRacer Formula Gaming

Chair. Failure to follow these instructions may result in injury or damage to the product.

- Exercise caution to avoid pinching hands and fingers when operating the chair's adjustment mechanisms.
- Maintain a standard sitting posture while using the chair.
- Do not sit on the edge of the cushion.
- This chair is designed for use by one adult at a time.
- Do not stand or kneel on the chair.
- Avoid exposing the chair to direct sunlight for prolonged periods.
- Periodically inspect all bolts and screws to ensure they are fully secured.
- Do not use solvents or abrasive materials for cleaning any part of the chair.

3. COMPONENTS LIST

Before assembly, ensure all components are present and undamaged. The DXRacer Formula Gaming Chair typically includes the following parts:

- Backrest
- Seat Base
- Armrests (2)
- Gas Lift Cylinder
- Gas Lift Cover
- Star Base (5-star)
- Casters (5)
- Mechanism Plate
- Side Covers (2)
- Headrest Cushion
- Lumbar Support Cushion
- Hardware (screws, washers, Allen key)

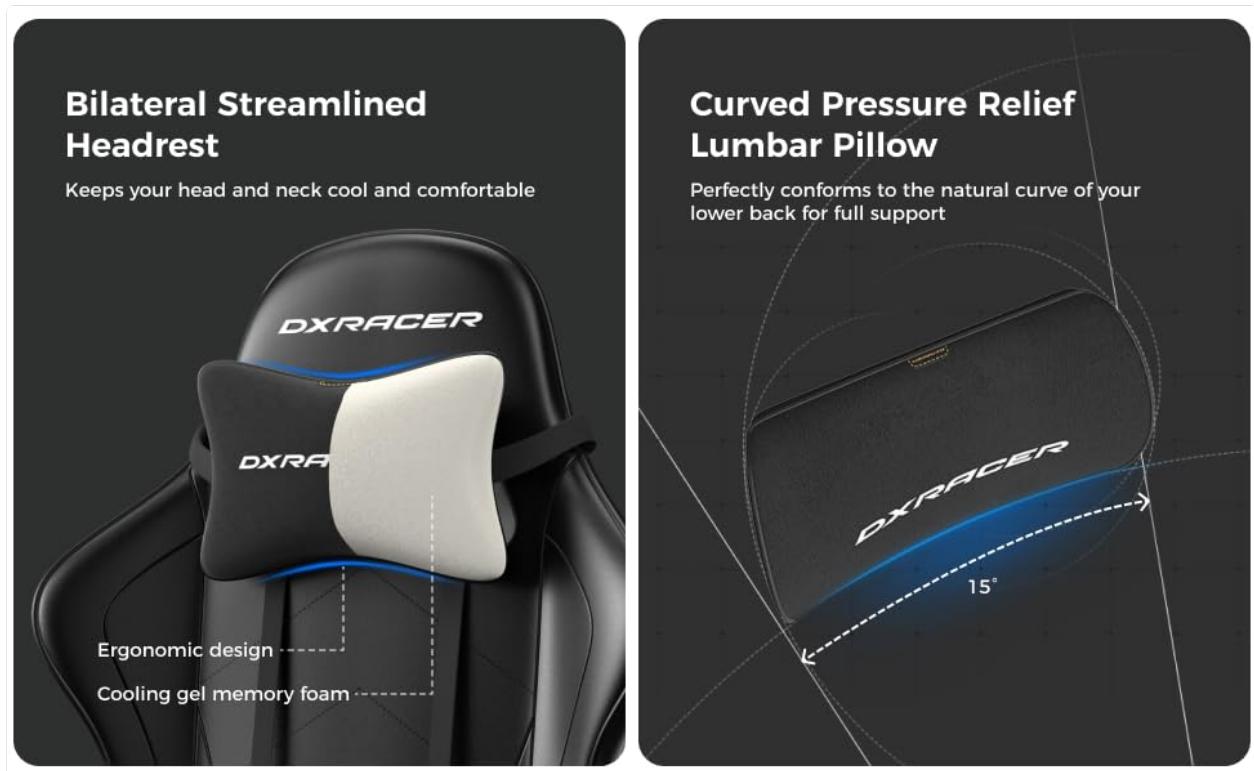


Figure 3.1: Illustration of the internal steel frame and cold-cure foam used in the DXRacer Formula chair. The steel frame provides structural integrity, while the high-density foam ensures comfort and durability.

4. ASSEMBLY INSTRUCTIONS

Follow these general steps to assemble your DXRacer Formula Gaming Chair. Specific instructions may vary slightly; refer to the included assembly guide for detailed diagrams.

- 1. Attach Casters to Star Base:** Insert each of the five casters into the holes at the end of the star base until they click securely into place.
- 2. Install Gas Lift:** Place the gas lift cylinder into the center hole of the star base. Cover the gas lift with the telescopic plastic cover.
- 3. Mount Mechanism Plate:** Secure the mechanism plate to the underside of the seat base using the provided screws. Ensure the front of the mechanism faces the front of the seat.
- 4. Attach Armrests:** Fasten the armrests to the underside of the seat base using the designated screws.
- 5. Connect Seat to Gas Lift:** Carefully place the assembled seat base onto the gas lift cylinder, ensuring it is centered and stable.
- 6. Attach Backrest to Seat:** Align the backrest with the metal brackets on the seat base. Secure it using the screws provided, then attach the plastic side covers.
- 7. Attach Cushions:** Place the headrest cushion over the top of the backrest and secure the lumbar support cushion to the backrest using its straps.

5. OPERATION AND ADJUSTMENTS

The DXRacer Formula Gaming Chair offers several adjustable features to customize your seating experience.

5.1. Height Adjustment

To adjust the chair's height, locate the lever on the right side, beneath the seat. Pull the lever upwards while seated to lower the chair, or pull the lever upwards while standing to raise the chair. Release the lever at the desired height.

5.2. Reclining Backrest

The backrest can be reclined between 90 and 135 degrees. To recline, pull the lever on the right side of the seat, near the backrest hinge. Lean back to the desired angle and release the lever to lock it in place. To return to an upright position, pull the lever and lean forward.

5.3. Armrest Adjustment

The 3D adjustable armrests can be moved in multiple directions. Locate the button or lever on the side of each armrest. Pressing this allows you to adjust the height, forward/backward position, and pivot angle of the armrest pad. Release the button/lever to lock the armrest in position.



Figure 5.1: Close-up view of the armrest, showing the adjustment lever. This lever allows for vertical height adjustment of the armrest.

5.4. Rocking Function and Tilt Lock

The chair features a tilt-rocking capability. To enable rocking, pull the lever on the left side, beneath the seat, outwards. To lock the tilt in an upright position, push the lever inwards. The tension of the rocking mechanism can be adjusted by turning the knob located underneath the seat, at the front.

5.5. Lumbar and Headrest Cushion Positioning

The detachable headrest and lumbar support cushions can be adjusted vertically along the backrest to provide optimal support for your neck and lower back. Position them to align with the natural curves of your spine.



Figure 5.2: Detailed view of the bilateral streamlined headrest and curved pressure relief lumbar pillow. These cushions are designed to conform to the natural curves of the head and lower back for ergonomic support.

The World's First Gaming Chair from 2006 Igniting Your Competitive Spirit

WCG events chose DXRacer as its official gaming chair brand for five consecutive years since 2007
Global sales exceeding 100 million



Figure 5.3: Illustration of the wing-wrap seat design. This design provides support for the hips and promotes even pressure distribution, contributing to comfort during extended use.

6. MAINTENANCE

Proper maintenance will extend the lifespan and preserve the appearance of your DXRacer Formula Gaming Chair.

- **Cleaning:** Wipe clean with a damp cloth. For faux leather surfaces, use a mild, non-abrasive cleaner specifically designed for faux leather. Avoid harsh chemicals, solvents, or abrasive materials.
- **Periodic Checks:** Regularly check all screws and bolts to ensure they are tight. Re-tighten if necessary to prevent loosening and potential instability.
- **Avoid Direct Sunlight:** Prolonged exposure to direct sunlight can cause fading and material degradation. Position the chair away from direct sunlight.

7. TROUBLESHOOTING

If you encounter issues with your DXRacer Formula Gaming Chair, refer to the following common troubleshooting tips:

- **Chair Squeaks:** Check all bolted connections and tighten any loose screws. Applying a small amount of silicone lubricant to moving parts (e.g., mechanism plate, gas lift connection points) may help.
- **Gas Lift Not Adjusting:** Ensure the height adjustment lever is fully engaged or disengaged. If the issue persists, the gas lift cylinder may need replacement.
- **Casters Not Rolling Smoothly:** Check casters for trapped debris (hair, dust). Clean them thoroughly. If damaged, casters can be replaced.

- **Backrest Not Reclining/Locking:** Verify that the recline lever is functioning correctly and not obstructed. Ensure no foreign objects are interfering with the mechanism.

8. SPECIFICATIONS

The following specifications apply to the DXRacer Formula Gaming Chair (Model: Formula):

Feature	Specification
Brand	DXRacer
Model Name	Formula
Color	Black/Red
Product Dimensions (D x W x H)	33.46" x 28.35" x 13.78"
Overall Height	47" - 51" (Adjustable)
Backrest Length	33"
Backrest Width	22.5"
Seat Depth	18"
Adjustable Seat Height (from top of seat)	16.5" - 20.5"
Armrest to Armrest Width	20"
Wheelbase Diameter	27.5"
Maximum Weight Recommendation	250 Pounds
Material	Alloy Steel, Faux Leather, Foam
Special Features	Adjustable Backrest, Adjustable Height, Adjustable Lumbar, Arm Rest, Ergonomic, Head Support, Reclining
Item Weight	53.2 pounds



Figure 8.1: Detailed dimensions diagram of the DXRacer Formula Gaming Chair. All measurements are provided in inches for various parts of the chair.

9. WARRANTY AND SUPPORT

For detailed warranty information regarding your DXRacer Formula Gaming Chair, please refer to the official DXRacer website or contact their customer support directly. Warranty terms typically cover manufacturing defects and specific components for a defined period.

Customer Support:

- Visit the official DXRacer website for FAQs and support resources.
- Contact DXRacer customer service for assistance with product issues, parts replacement, or warranty claims.