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› DNA MOTORING HL-3D-E9005-BK-M-NEW M-style Projector Headlights Instruction Manual

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DNA MOTORING HL-3D-E9005-BK-M-NEW M-style Projector Headlights Instruction Manual

BRAND: DNA MOTORING | MODEL: HL-3D-E9005-BK-M-NEW

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your DNA MOTORING HL-3D-E9005-BK-M-NEW M-style Black Housing U-Halo Projector Headlights with Amber Turn Signals. These headlights are compatible with 2005-2008 BMW 3-Series 4-Door Sedan models (323i, 325i, 325xi, 328i, 328xi, 330i, 330xi, 335xi) that originally came with Halogen Headlights. Designed for direct bolt-on OE fitment, they require no modification or drilling.



Figure 1: DNA MOTORING M-style Projector Headlights installed on a white BMW 3-Series sedan.



Figure 2: Side view of DNA MOTORING M-style Projector Headlights on a white BMW 3-Series sedan.

2. Safety Warnings

Please read and understand all safety warnings before proceeding with installation or operation.

- If you experience any difficulties that the instructions did not cover, please seek assistance at a local automotive shop.
- Please wear proper protective equipment before you work on any vehicle.
- An assistant is recommended when removing the front bumper from your vehicle.
- Please be cautious when working with the bumper or any parts belonging to the vehicle's body to prevent scratching.
- Do not make direct contact with the halogen bulbs or the wire assembly until the unit has cooled down after use.

3. Package Contents

Verify that all items are present and undamaged before beginning installation.

- 1 X Pair of Headlights (Left & Right)

4. Setup & Installation

Professional installation is highly recommended. Refer to the video below for a detailed installation guide.

Video 1: Installation Guide for DNA MOTORING Headlights. This video demonstrates the step-by-step process of removing existing headlights and installing the new ones.

Installation Overview:

1. Raise the vehicle's hood.
2. Remove engine splash shield mounting bolts (eleven 8mm bolts).
3. Remove wheel fender liner mounting bolts (two 8mm, one 8mm, and one 10mm with two 8mm).
4. Remove the wheel fender liner and disconnect its connector.
5. Remove front bumper mounting bolts (two 8mm bolts).

6. Disconnect the fog light harness. Repeat fender liner and bumper steps for the opposite side.
7. Remove the four T30 bolts at the top of the front bumper.
8. Carefully remove the front bumper.
9. Loosen the wire harness on the existing headlight housing.
10. Remove the T30 headlights mounting bolt at the back.
11. Remove the two T30 headlights mounting bolts at the front.
12. Remove the two T30 headlights mounting bolts at the top.
13. Unseat the headlight housing and disconnect all headlight harnesses.
14. Remove the T30 headlights bracket mounting bolt at the side.
15. Remove the T30 headlights bracket mounting bolt at the bottom and detach the bracket.
16. Remove the headlight rubber molding from the stock headlight.
17. Reinstall the headlights bracket to the new headlight housing.
18. Reinstall the T30 headlights bracket mounting bolt at the bottom.
19. Reinstall the T30 headlights bracket mounting bolt at the side.
20. Reinstall the headlight rubber molding to the new headlight housing.
21. Reconnect the headlight harness and carefully seat the new headlight assembly in place.
22. Reinstall all removed bolts and components in reverse order.
23. Close the hood to complete the installation.

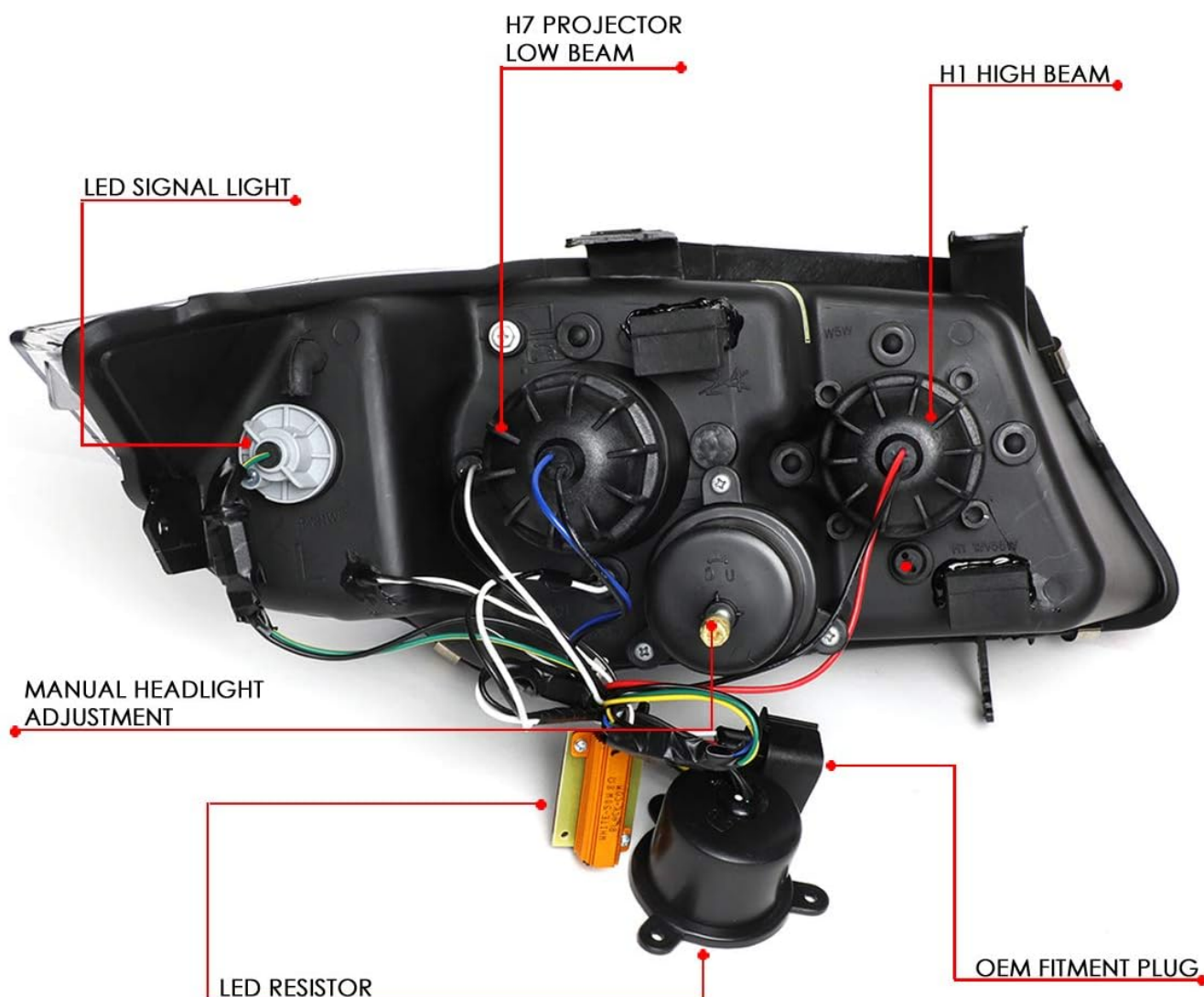


Figure 3: Rear view of the headlight assembly, showing the H7 projector low beam, H1 high beam, LED signal light, manual headlight adjustment, LED resistor, and OEM fitment plug.

5. Operating Instructions

Your DNA MOTORING headlights feature advanced lighting technology for enhanced visibility and style.

- **3D Crystal Multi-Color LED U-Halo Lights:** These U-Halo lights increase visibility of road markings and traffic signs. They can be controlled via a cell phone app for 16.8 million color RGB LED options.
- **LED Turn Signal Light:** Features an M-style eyelid appearance design with amber LED turn signals.
- **Projector Low Beam (H7) / High Beam (H1):** Provides clear and focused illumination.

Video 2: Demonstration of DNA MOTORING Headlight Lighting Effects. This video showcases the various lighting modes, including U-Halo DRLs, low beam, high beam, and sequential turn signals.

Light Features:

- **LED 3D U-Halo Running Light:** Provides a distinctive daytime running light signature.
- **LED Turn Signal Light:** Enhances signaling visibility.
- **M-style Eyelid Appearance:** Adds a modern and aggressive look to your vehicle.

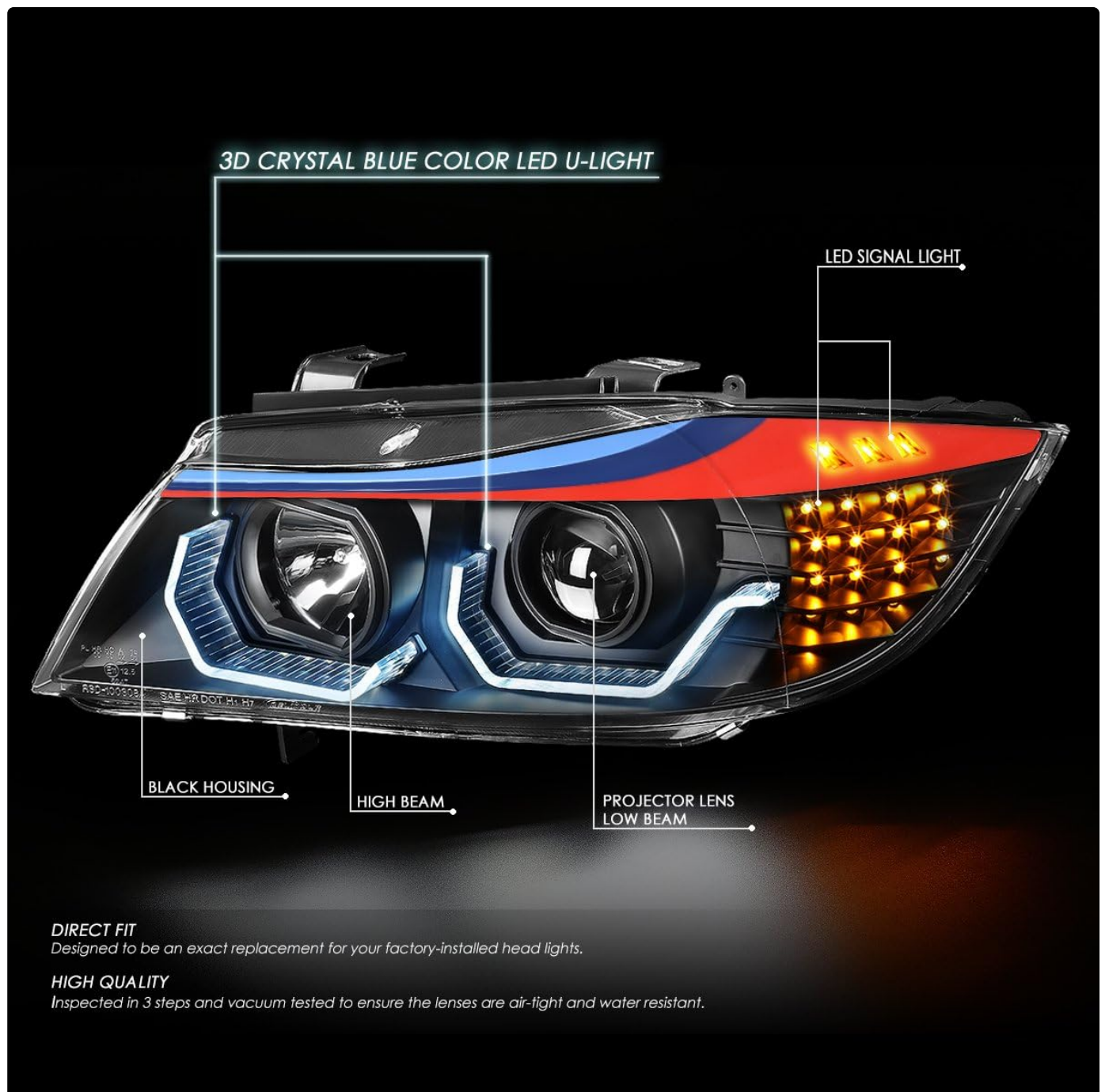


Figure 4: Detailed view of headlight components including 3D Crystal Blue Color LED U-Light, LED Signal Light, Black Housing, High Beam, and Projector Lens Low Beam.

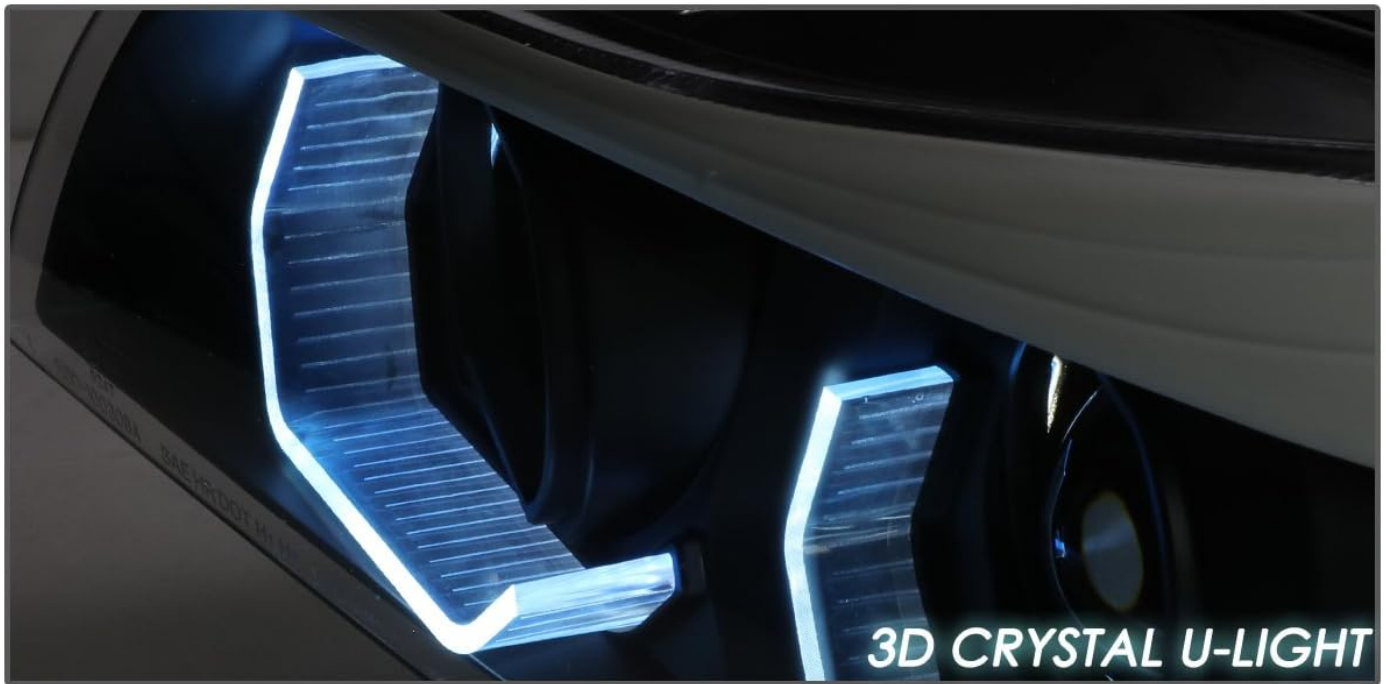


Figure 5: Close-up of the 3D Crystal U-Light in operation, showcasing its unique design.



Figure 6: Close-up of the LED turn signal lights, highlighting their brightness and design.

6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your headlights.

- **Cleaning:** Use a soft cloth and mild soap solution to clean the polycarbonate lens. Avoid abrasive cleaners that can scratch the surface.
- **Inspection:** Periodically check for any signs of moisture inside the housing or damage to the lens. The headlights are vacuum tested to ensure they are air-tight and water resistant.
- **Bulb Replacement:** For H7 Low Beam and H1 High Beam bulbs, consult a professional if replacement is needed.



Figure 7: Headlights are designed to ensure safe driving in various weather conditions, including snowy, rainy, and dusty environments.

7. Troubleshooting

If you encounter any issues, refer to the following common troubleshooting tips:

- **Lights Not Working:** Check all electrical connections and ensure they are securely plugged in. Verify that the vehicle's fuses are intact.
- **Flickering Lights:** Ensure proper grounding. Check for loose connections or damaged wiring.
- **Moisture Inside Housing:** While designed to be water-resistant, extreme temperature changes can sometimes cause temporary condensation. If persistent, check for proper sealing or damage.
- **App Control Issues:** Ensure your phone's Bluetooth is enabled and the app is updated. Refer to the app's specific troubleshooting guide.

For complex issues, it is recommended to consult a certified automotive technician.

8. Specifications

Brand	DNA MOTORING
Model Number	HL-3D-E9005-BK-M-NEW
Color	Black Housing
Light Source Type	LED
Vehicle Service Type	Car
Compatible Years	2005-2008 (BMW 3-Series 4-Door Sedan)
Special Feature	High Beam, 3D U-Halo, Amber Turn Signal, Cell Phone App Control
Voltage	12 Volts
Auto Part Position	Front
Lens Color	Clear

Lens Material	Polycarbonate
Item Weight	20 Pounds
UPC	842765157496



Figure 8: Illustration of the angle adjustable projector lens, allowing for precise beam alignment.

9. Warranty & Support

For warranty information regarding this product, please contact the seller directly. For additional support and to explore other products, visit the official DNA MOTORING store.

Official Brand Store: [DNA MOTORING Store](#)

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