

LED Car Lighting Upgrade

This playbook outlines the steps necessary to upgrade a car's lighting system to LED, which includes interior dome lights. The process is aimed at achieving greater efficiency and improved illumination.

Step 1: **Assessment**

Determine which lights will be upgraded to LED. This typically includes interior dome lights, trunk lights, license plate lights, and may also include headlamps and tail lights.

Step 2: **Purchasing**

Buy the appropriate LED light bulbs. Ensure compatibility with the existing system and consider lumens (brightness), color temperature, and size specifications.

Step 3: **Preparation**

Gather necessary tools such as screwdrivers or trim removal tools and prepare the car by ensuring it's turned off and the lights are cool to the touch before starting the installation.

Step 4: **Removal**

Carefully remove the lens covers and existing bulbs from the light fixtures. Take precautions to avoid damage to electrical components or vehicle trim.

Step 5: **Installation**

Install the new LED bulbs in the same position as the old bulbs. Ensure they are secure and properly oriented for optimal lighting.

Step 6: **Testing**

Test the new LED lights by turning on the car's electrical system. Check each light to confirm proper operation. Make sure to test the lights in the dark for brightness and coverage.

Step 7: **Reassembly**

Replace the lens covers and reassemble any removed trim or vehicle components. Ensure everything is put back tightly and securely.

Step 8: **Final Inspection**

Conduct a final inspection to ensure all lights are working as expected and that there's no visible damage to the car's interior or exterior as a result of the installation.

General Notes

Safety Precautions

Always disconnect the battery before starting any electrical work on the car to prevent shocks or shorts.

Warranty Considerations

Check if upgrading to LED lights will affect your car's warranty. Some manufacturers have specific policies regarding aftermarket modifications.

