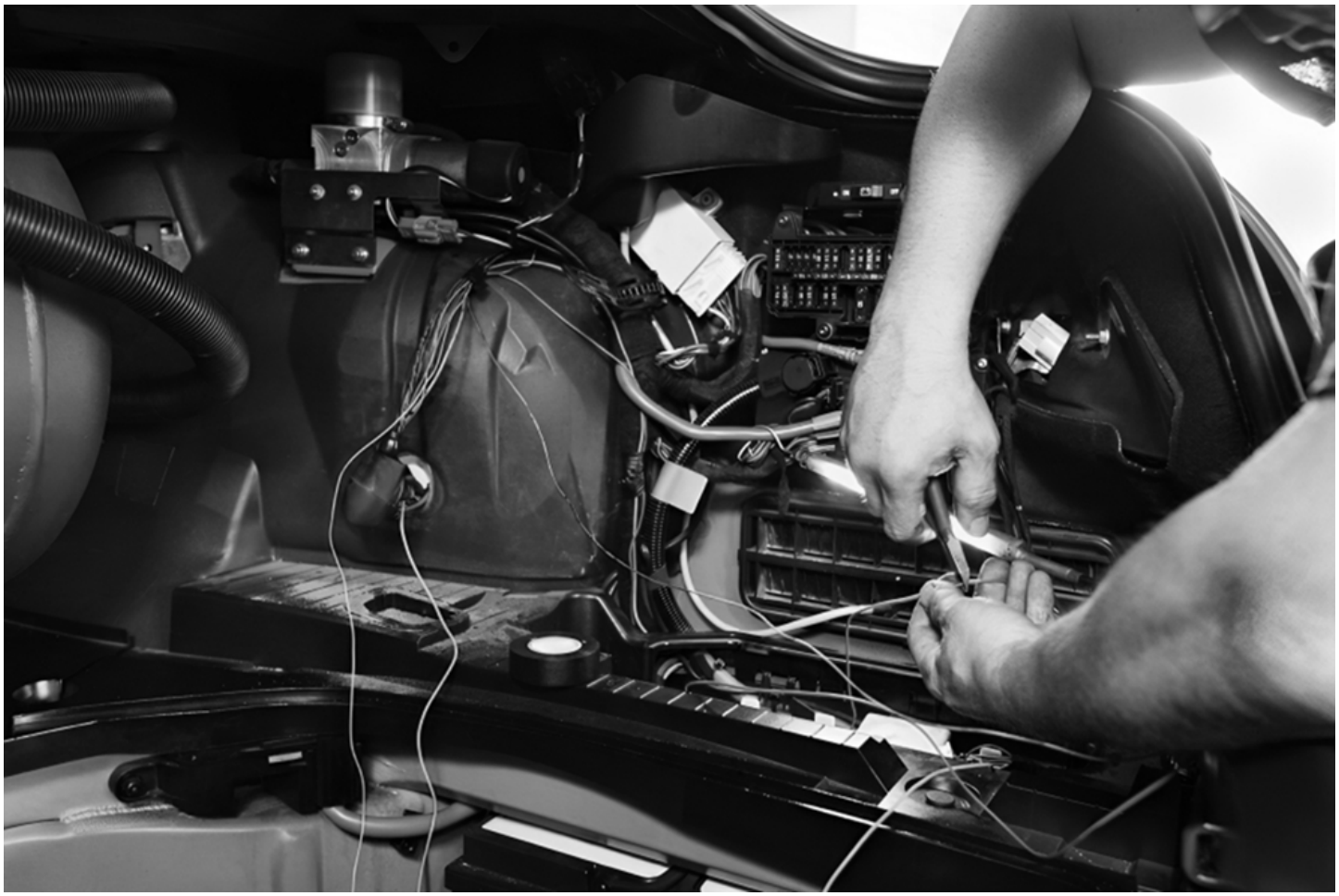
Auto – Working Safely with EV Picture This



The worker is handling complex electrical components in an electric vehicle (EV) without any visible safety measures such as insulated gloves or protective tools. High-voltage systems in EVs pose serious risks including electric shock, burns, or arc flash injuries. Working without proper precautions in such environments increases the chance of injury, especially when dealing with exposed wires and battery systems.

When servicing electric vehicles, it is essential to de-energize high-voltage systems before starting any work. Use insulated gloves, safety glasses, and non-conductive tools rated for electrical tasks. Follow manufacturer-specific lockout/tagout procedures and ensure you’re trained in EV-specific hazards. Taking these precautions helps prevent accidents and protects workers from life-threatening electrical injuries.