Remove both headlights, which requires access through the wheelwells. Remove the front tires and fender liners. Remove engine covers and release headlight adjusters from inside the engine compartment. Disconnect headlight washer reservoir fitting and all electrical connectors.

To prevent scratching, cover the headlight lenses with tape and cut off lens with a Dremel or similar high speed tool, keeping as much of the clear plastic intact as possible.

Remove the chrome plated plastic surround; this will be the piece you'll work with to fit up both new LED rings.
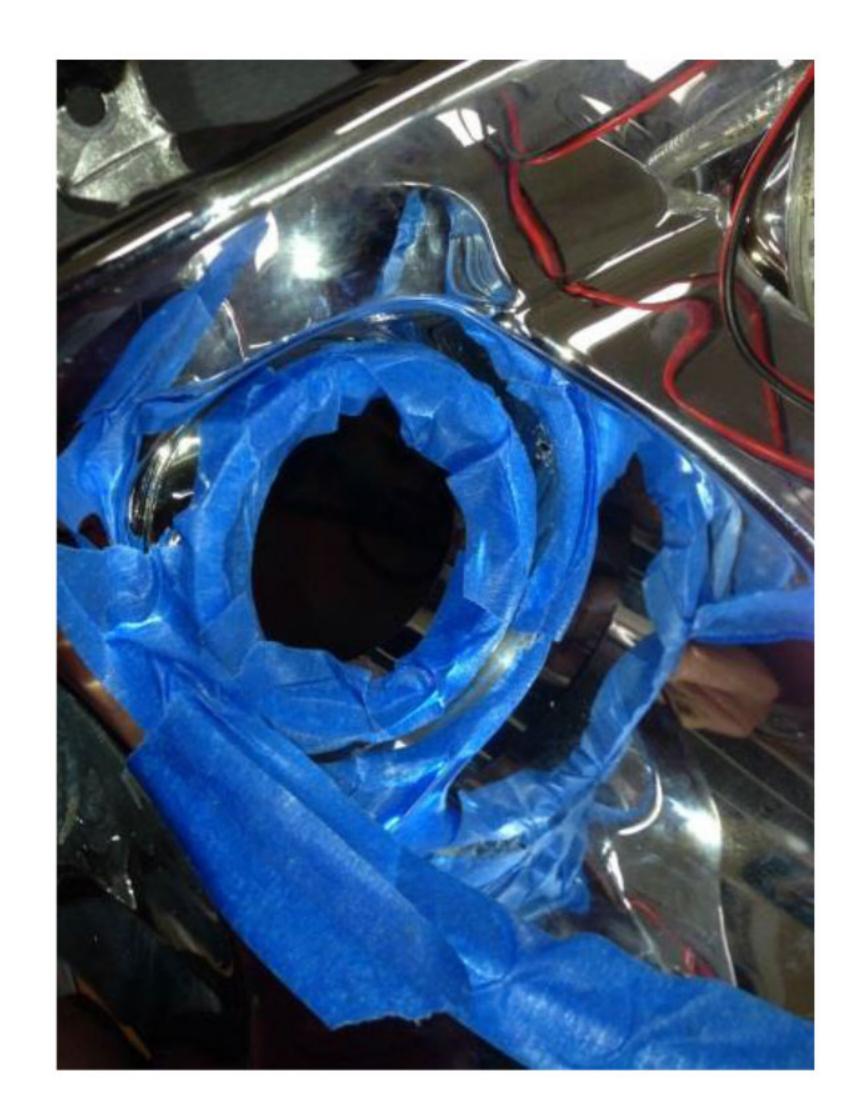
1

The LED rings that come in the kit are the same size. The low beam opening is very large and the rings will fit over them with ease. Drill a ¼" hole at the top of the housing to run the power wire and glue the rings in place, using the back of the opening to make sure the ring is centered, as shown.
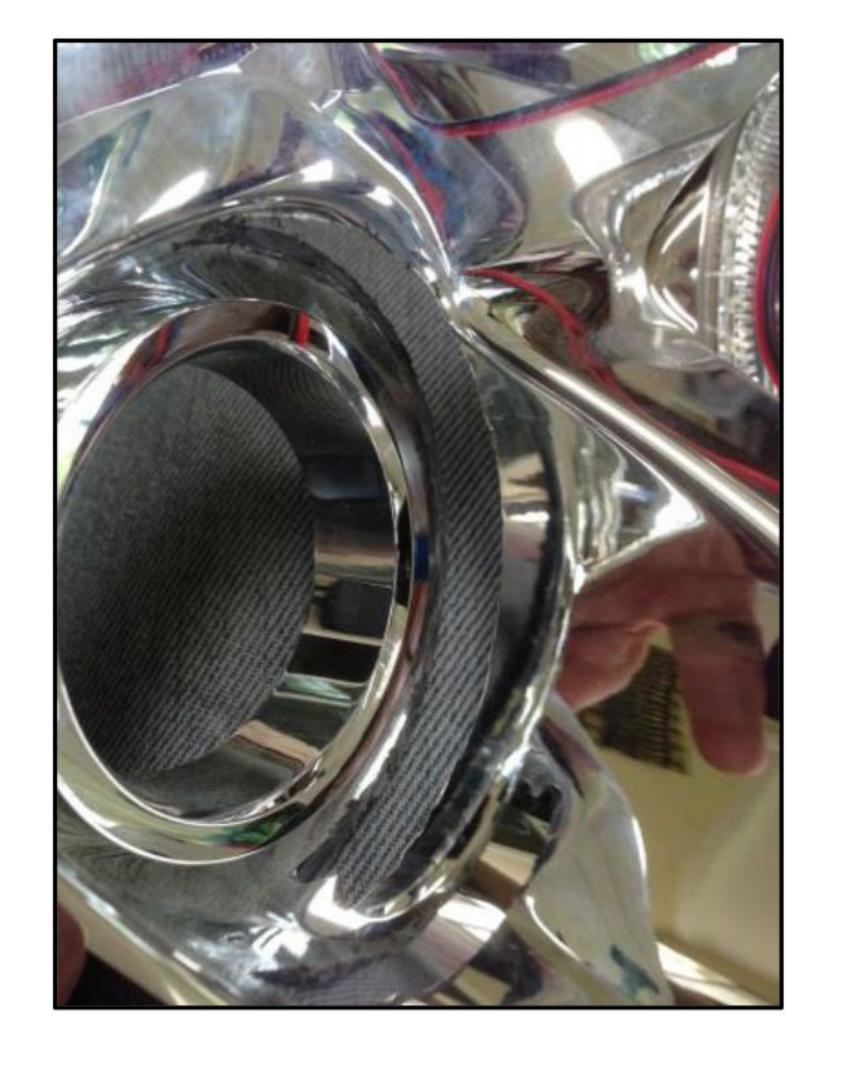
You can also see the optional wire retainer drilled through the housing to be used for additional stability and long-term security.

The high beam opening is much smaller diameter and will require the cutting of a half-moon shape access area to allow for fitment. Tape the front of the housing to prevent scratching, then use a tape line on the back of the housing as a cutting guide.

Use the Dremel to carefully trim the housing. With the half-moon shape cut out, the LED ring can be inserted from the back of the housing. Since the LED ring will glue to the low beam opening, the half moon must be flush with the top of the low beam housing, and only as wide as the LED ring itself, as shown.

Slide the LED ring into the cutout and glue to the face of the low beam housing
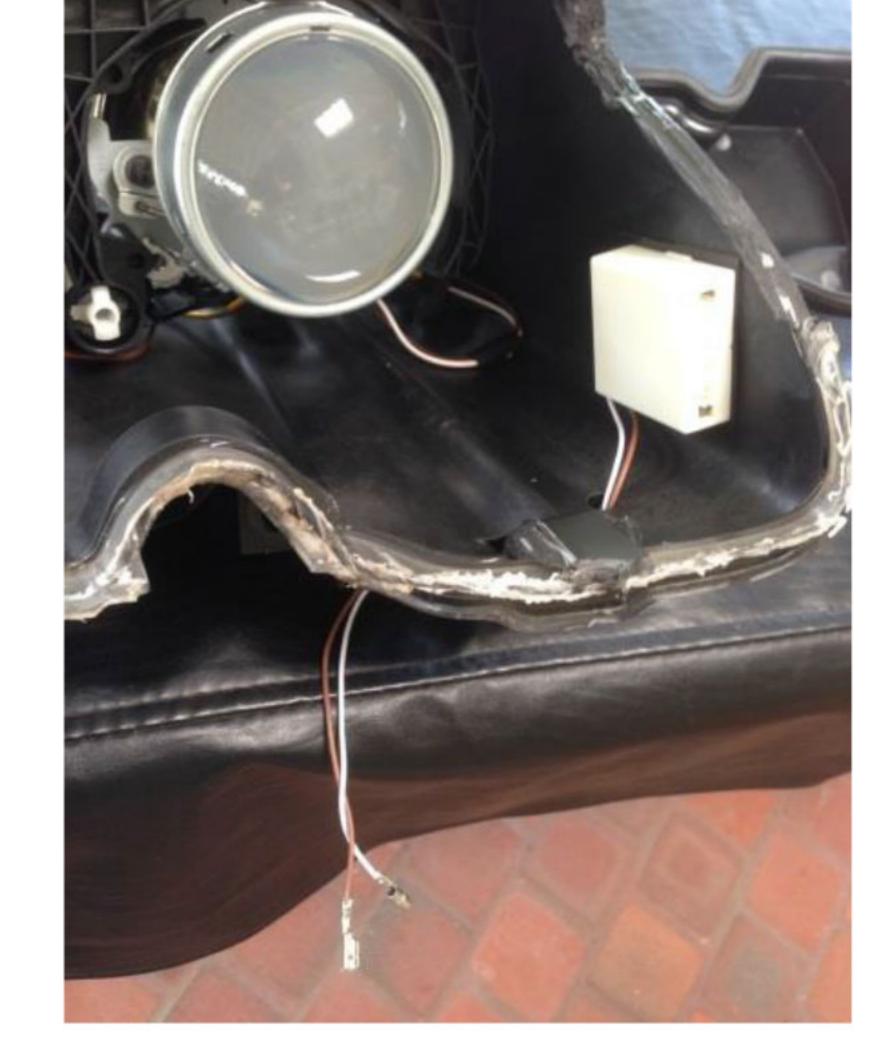

To reduce light leakage, use a piece of aluminum foil on the low beam cutout area after the LED ring is installed; the foil also fills in the area that can be seen from the outside of the headlight housing after reassembly.
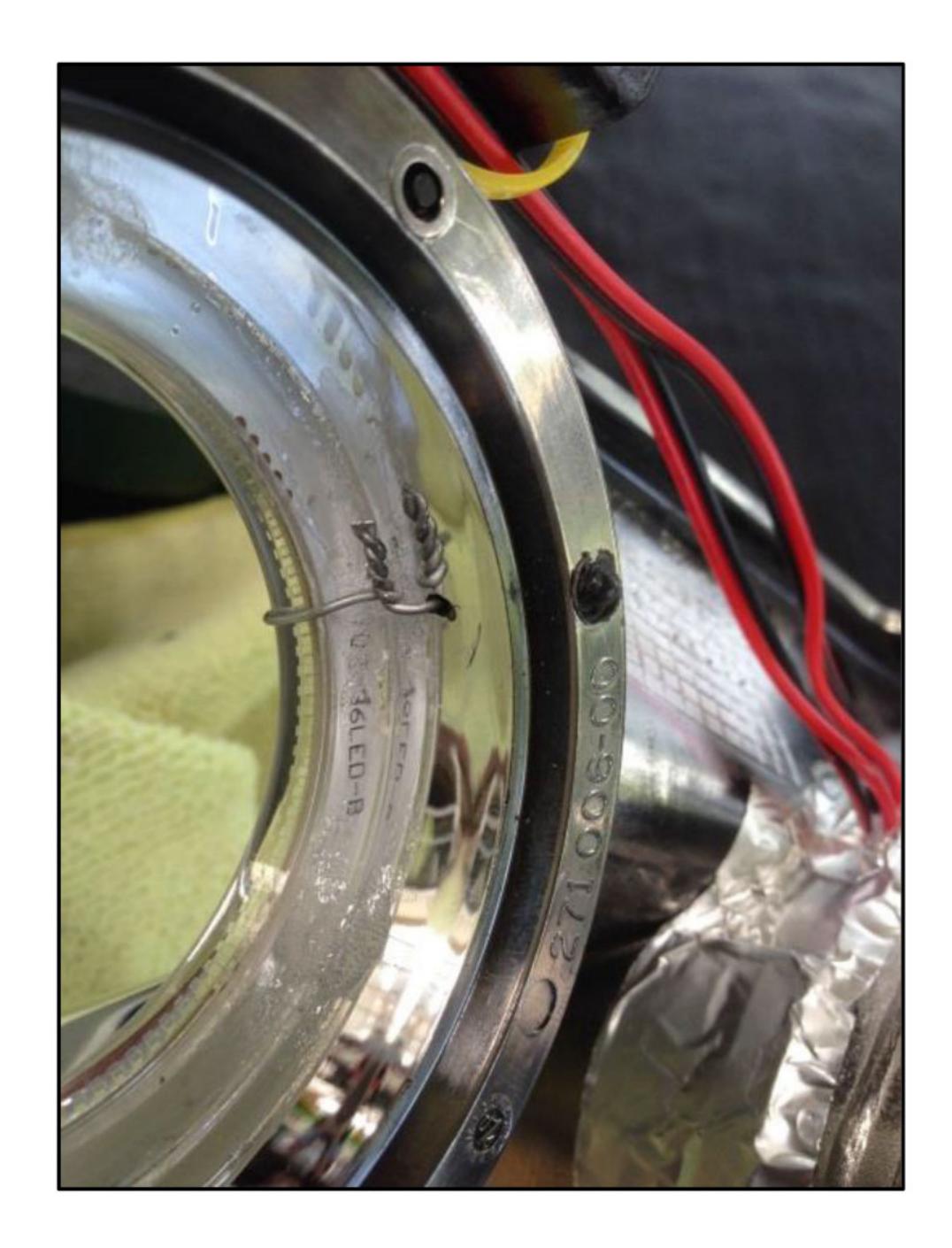
Route the wires for each LED ring to the inboard side of the housing and tie wrap them out of the way. The HID headlamp bulbs run at extremely high temperatures and will burn through a loose wire.

Mount the control box using double stick tape to the inboard side of the headlamp assembly and plug the LED ring wires into the box before re-fitting the chrome plated plastic surround.

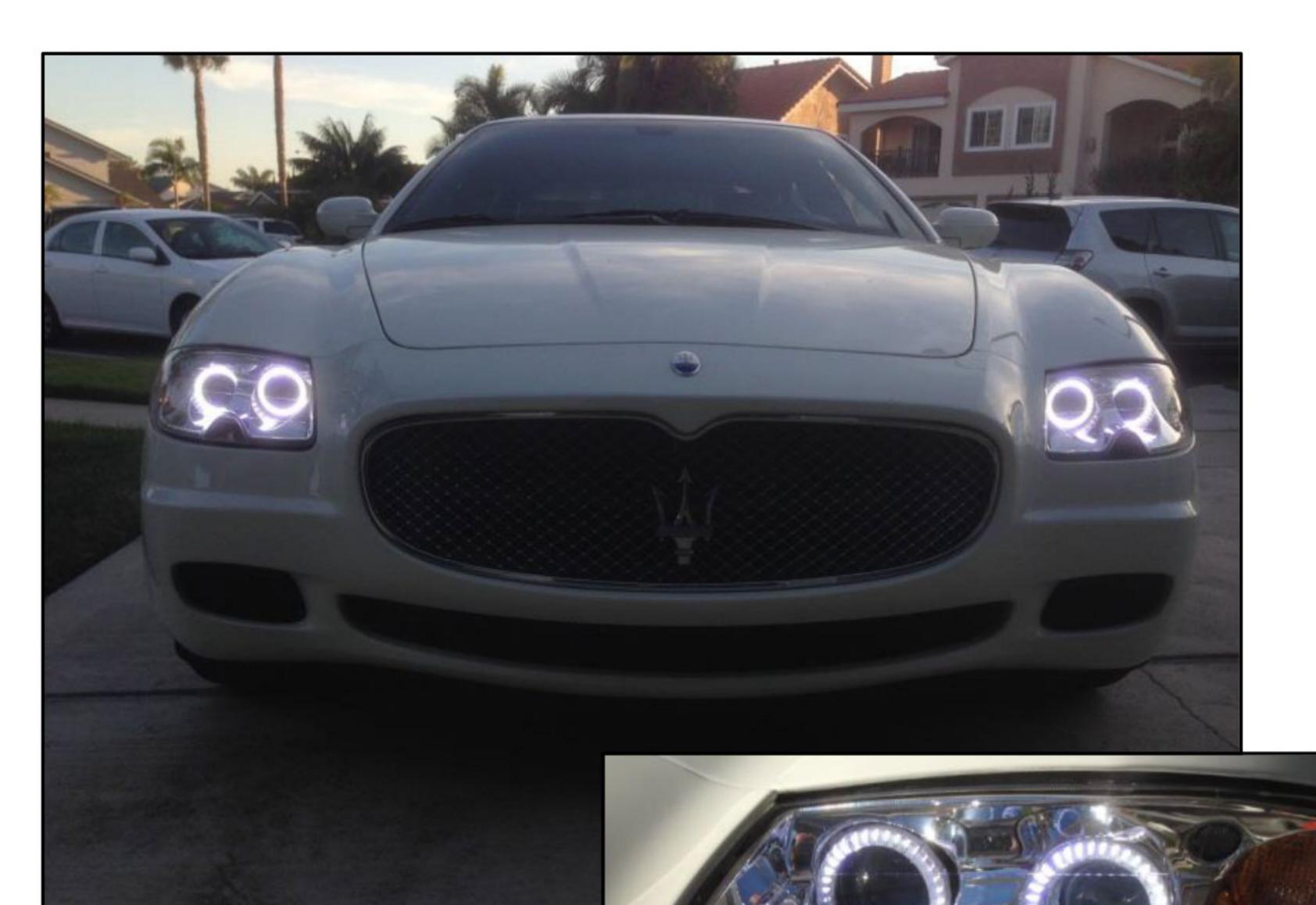Power and ground wires can be routed through the lower rubber air vent.

This is a closeup of the low beam LED ring retaining wire and high beam aluminum foil detail. The retaining wire serves to keep the low beam ring in place in case the glue loses adhesion. The high beam ring is trapped by the housing and can't fall out of place.

Complete both sides and reinstall in the headlamp assemblies after connecting each ring to the power control. Carefully clean out any left over plastic shavings and re-glue the headlight lenses.

Locate an appropriate key activated power supply at the fuse panel and run a fused line (5 amps or less) to both headlights, with a local ground wire, then enjoy the beauty of the LED rings.

4