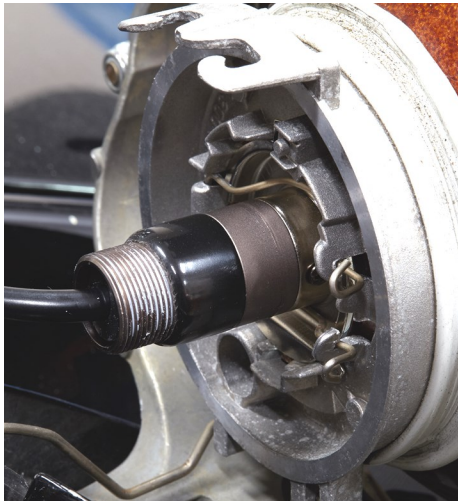## Installing the Cap on the Headlight

Before attempting to fit a sealing cap over the H4 bulb, first fit a vinyl bulb barrel ramp tool over the bulb barrel and slide it as far as it will go until it is against the ⌀ 22 mm smooth part of bulb barrel.

Important! One end of the ramp tool has a more rounded edge than the other end. This more rounded end must be on the outside (over the threaded part of the bulb barrel).

This allows the cap to fit over bulb barrel, providing a rounded edge transition from the ⌀ 19 mm partially-threaded part of bulb barrel to ⌀ 22 mm smooth part of bulb barrel.

Without this tool, it is very difficult to get the sealing cap over the bulb barrel without dislodging or deforming the sealing cap's O-ring.

After the sealing cap is installed, you can store the bulb barrel ramp tool over the bulb-to-driver-module connector so it's easily available next time the sealing cap needs to be removed and reinstalled.

Questions?

E-mail
customer-service@protizmo.com

928-H4-Cap-22 Kit A
Porsche 928 8" H4 Headlight LED H4 Bulb Sealing Cap Kit A

Instructions for Additional Hardware for Use with Philips LED-HL [≈H4] X-tremeUltinon LED gen2

product information

This document is a supplement to the *928-H4-Cap-22 Kit A Installation Guide*.

It describes how the optional hardware shown to the left is used (in addition to the hardware included in the standard hardware kit) to allow the use of the 928-H4-Cap-22 Kit A with the Philips LED-HL [≈H4] X-tremeUltinon LED gen2 (Philips product ID 11342XUWX2).

The Philips LED-HL [≈H4] X-tremeUltinon LED gen2 bulb and driver module are shown in the photo on the right.

The LED H4 bulbs and driver modules are not included as part of the 928-H4-Cap-22 Kit A.

Questions?

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customer-service@protizmo.com

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Additional Hardware Bag Contents

| bulb barrel ramp tool | straight bracket | M3 screw, 6 mm long | M3 nut | M2.5 screw, 10 mm long | M2.5 washer |

- 2 ea. vinyl bulb barrel ramp tool
- 4 ea. straight aluminum bracket
- 4 ea. M3 × 0.5 mm, 6 mm long, button-head, hex drive, zinc-plated steel screw
- 4 ea. M3 × 0.5 mm hex, zinc-plated steel nut
- 4 ea. M2.5 × 0.45 mm, 10 mm long, pan head, Phillips drive, zinc-plated steel screw
- 4 ea. zinc-plated steel washer for M2.5 screw, 2.7 mm ID, 6 mm OD

Note that when you use these parts (in conjunction with the standard hardware) for the Philips LED-HL [≈H4] X-tremeUltinon LED gen2 application, you will have 4 ea. M3 × 0.5 mm, 8 mm long, button head, hex drive, zinc-plated steel screws left over from the standard hardware bag.

Modifications to Procedures

The following sections detail the changes to procedures documented in the *928-H4-Cap-22 Kit A Installation Guide*.

Attaching the H4 LED Driver Module to the Cap

1. When removing the screws from the LED driver module, note that they are M2.5 rather than M3. Remove all four M2.5 screws and rotate the bottom cover 180° so that the edge with the two slots is closest to the side of the driver module with "LED-HL[~H4] X-tremeUltinon LED gen2 Driver Box", etc., on it. When refastening the cover, leave two screws inside the box, and only refasten the two screws closest to the two slots in the cover.

2. Instead of directly attaching the angle brackets (included in the standard hardware bag) to driver module, instead fasten the angle brackets to the straight brackets (included in this supplemental hardware bag) using 6 mm long M3 screws and M3 nuts; consider using a small amount of low-strength blue thread locker (e.g., LOCTITE® 220™) on these fasteners. Then fasten the straight brackets to the driver module as shown using the 10 mm long M2.5, pan head, Phillips drive screws, with an M2.5 washer between the screw heads and the straight brackets.