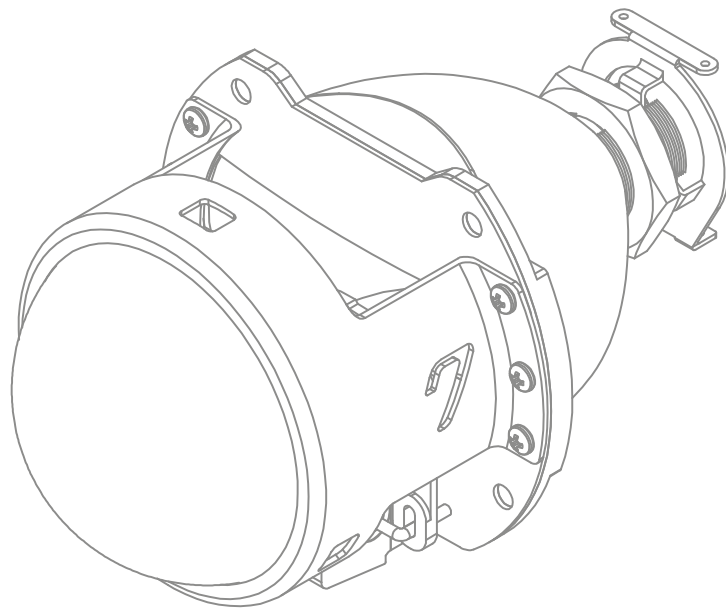




THE AUTOMOTIVE LIGHTING BENCHMARK



INSTALLATION GUIDE
PORSCHE 993 RETROQUIK



WARNING: By reading this document, I agree it is only to be used as an educational guide. Morimoto Lighting makes no guarantee on any finished results, nor are they to be held responsible for any damage, misuse, or personal injuries. Use at your own risk. If you are unable to clearly understand and adapt the information below to your own application, professional installation is recommended.

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TOOLS REQUIRED

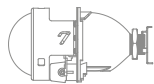
T20 SECURITY TORX DRIVER

#2 PHILIPS HEAD SCREWDRIVER

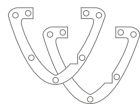
7MM WRENCH / SOCKET

22MM / 7/8" HOLE SAW

STANDARD PARTS

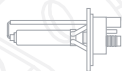


2X PROJECTORS



2X RQ HARDWARE / BRACKETS

OPTIONAL PARTS (FOR OEM HID LIGHTS)



2X HID BULBS



2X BULB WIRES

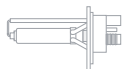


2X BALLAST ADAPTERS



2X HIGH BEAM SPLITTERS

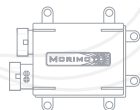
OPTIONAL PARTS (FOR OEM HALOGEN LIGHTS)



2X HID BULBS



2X BULB WIRES



2X BALLAST COMPUTERS



2X AMP IGNITERS



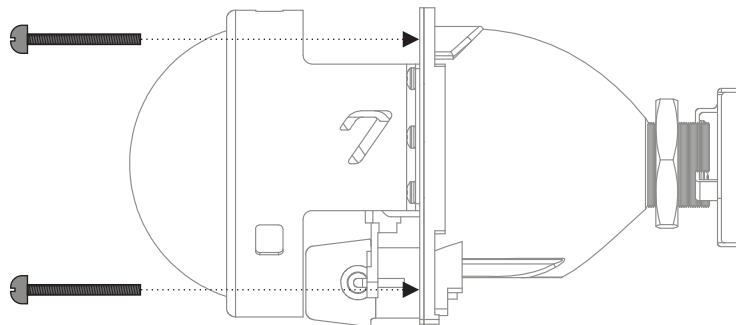
1X HD RELAY HARNESS



2X HIGH BEAM SPLITTERS

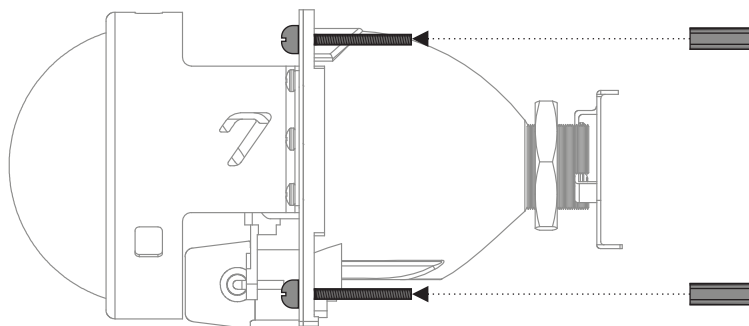
1

Insert (4) of the 30mm screws into the four holes of the projector as shown.



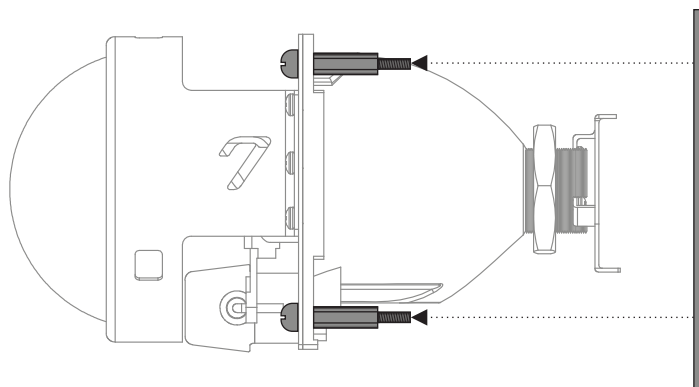
2

On each 30mm screw, thread on one (1) 15mm aluminum spacer and tighten until snug.



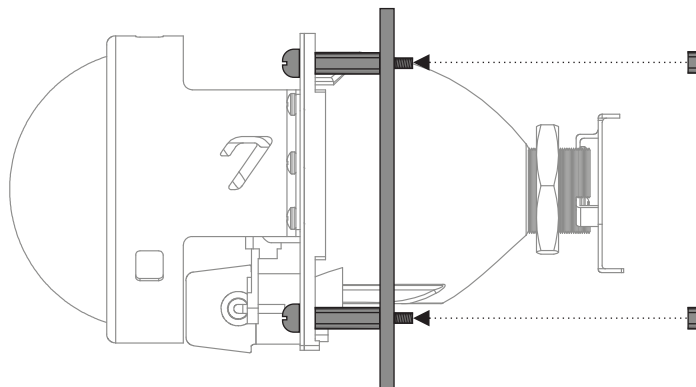
3

Push the RetroQuik bracket on from the rear and press gently against the 15mm aluminum spacers. NOTE: be mindful of the cutout for the high beam solenoid plug wiring.



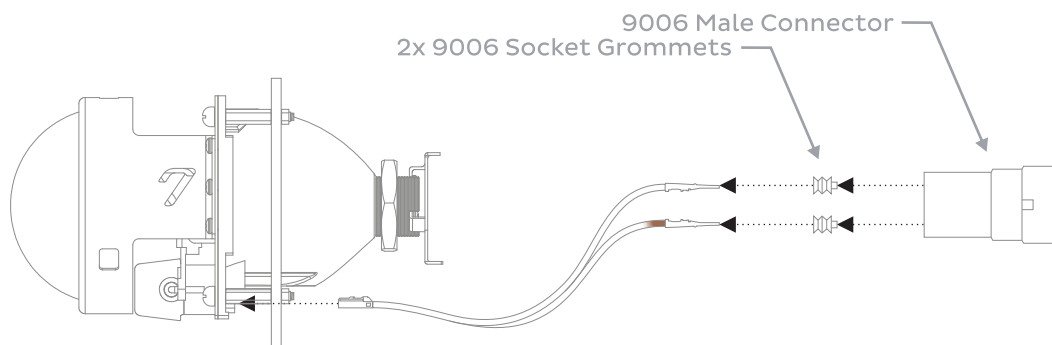
4

On each 30mm screw, thread on one (1) stainless locking nut and tighten snugly against the RetroQuik bracket.



5

Insert the solenoid wiring into the solenoid's plug at the rear of the projector. Add one 9006 socket grommet per wire past the pin, then click the pins into the 9006 male connector as shown. Seat the 9006 socket grommets down into the back of the connector around the pins.



White Wire ⊕

Brown Wire ⊖

PROJECTOR INSTALLATION

1

Once the headlight is removed from the vehicle and the rear access cover has been removed, remove the three T20 Security Torx bits holding the projector inside the headlight.



2

Discard the OEM projector, but be sure to retain the three OEM screws



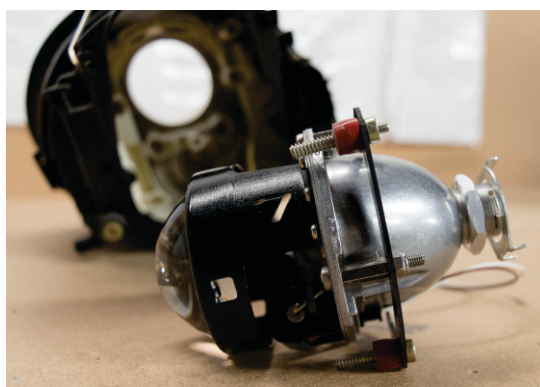
3

Prior to installation in the housing, use a clean soft cloth to clean the lens of the projector lens, both inside and out.



4

Using the three OEM screws, insert the screws through the brackets of the assembled projectors. Next, fit the OEM red rubber washers in the same location they were previously: the top left and bottom screws.



5

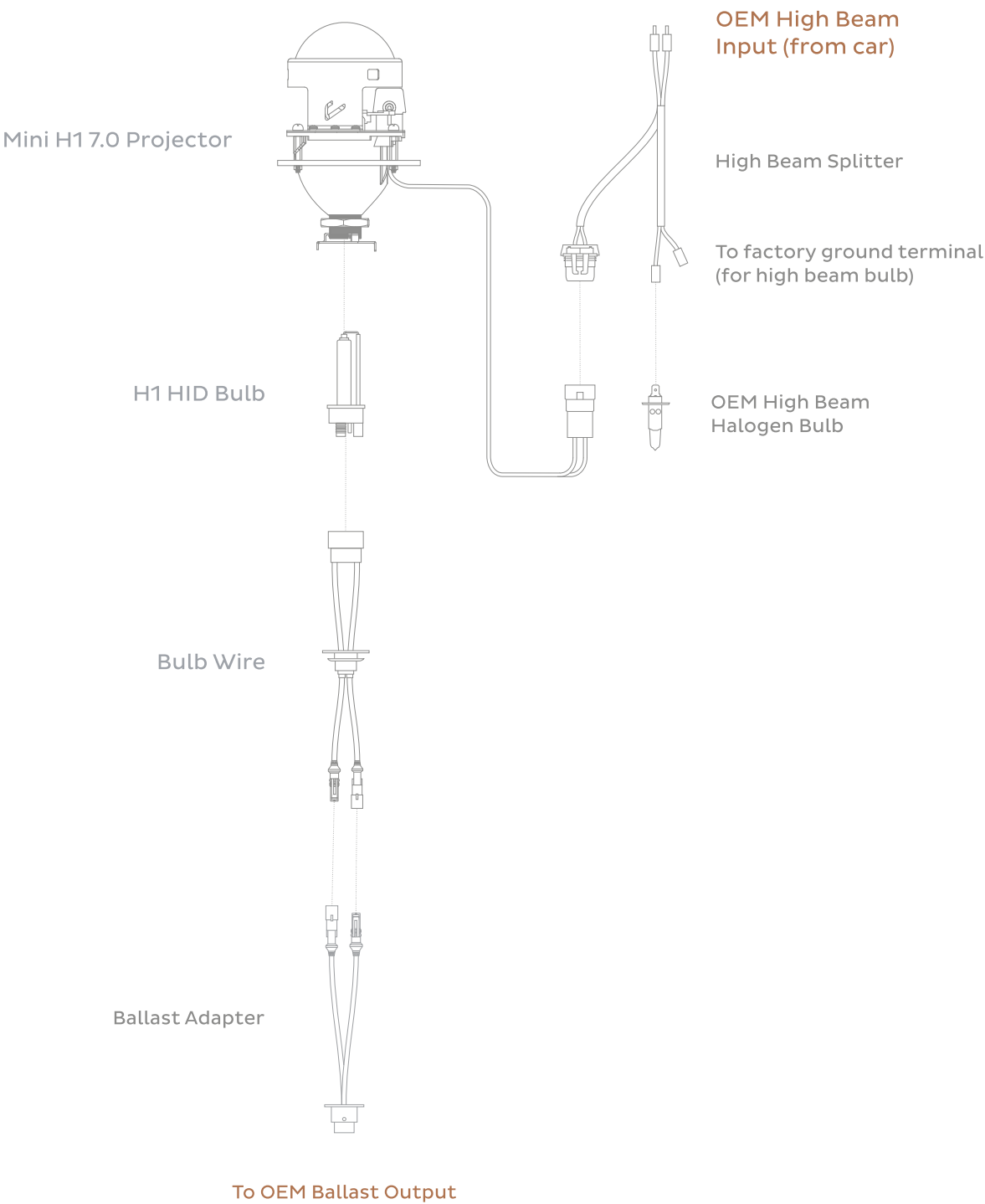
In a star pattern, install the three screws per projector to secure it. Do not overtighten the screws by compressing the red washers.



Continue to
Page 7 for
System Diagrams

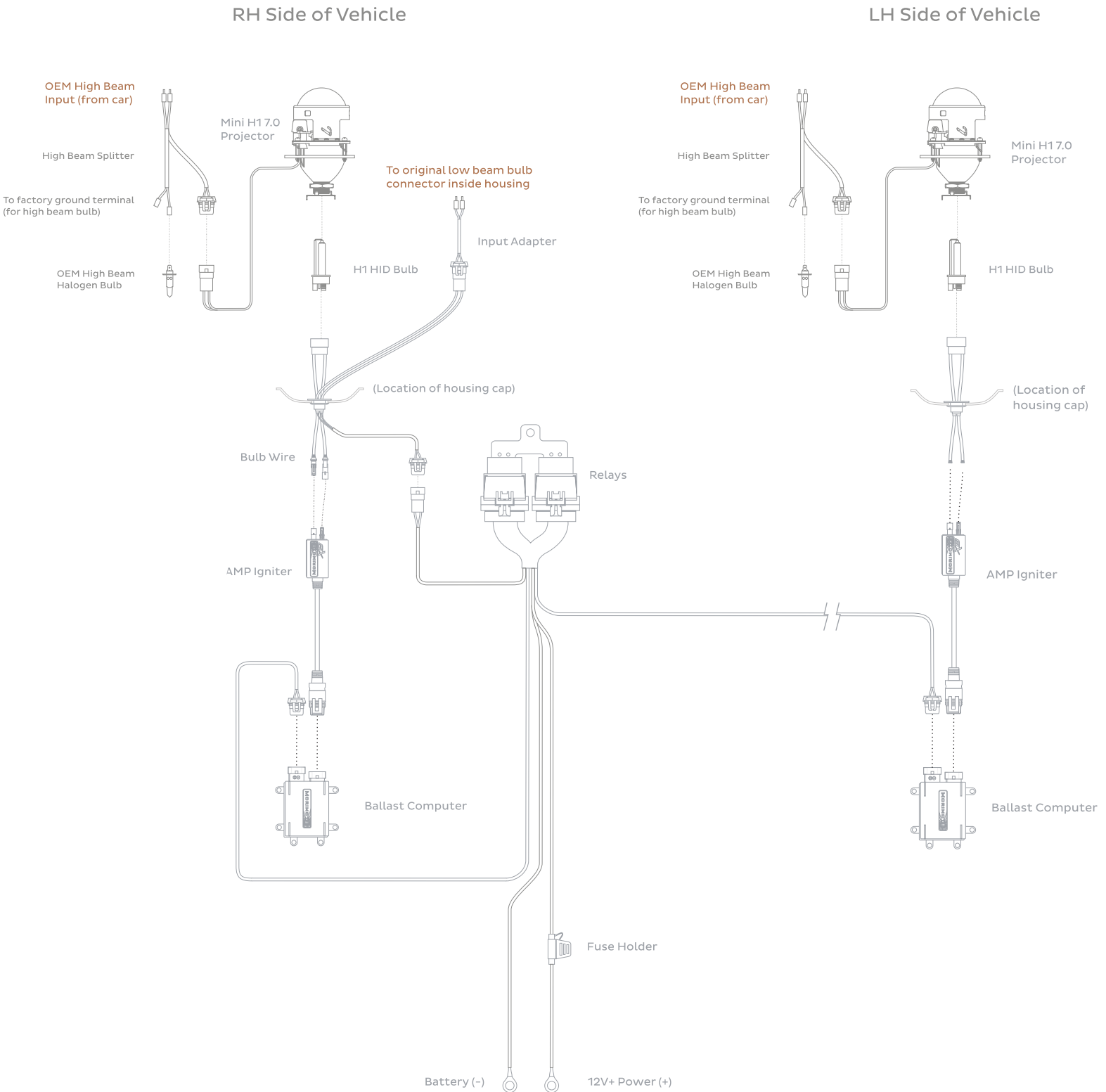
SYSTEM DIAGRAM (OEM HID HEADLIGHTS)

NOTE: this diagram is for one side of the vehicle. Copy this layout for both sides to complete the install.



 Skip to P. 9

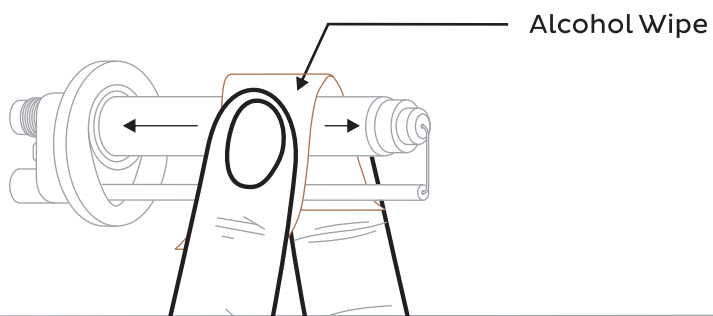
SYSTEM DIAGRAM (OEM HALOGEN HEADLIGHTS)



BULB INSTALLATION

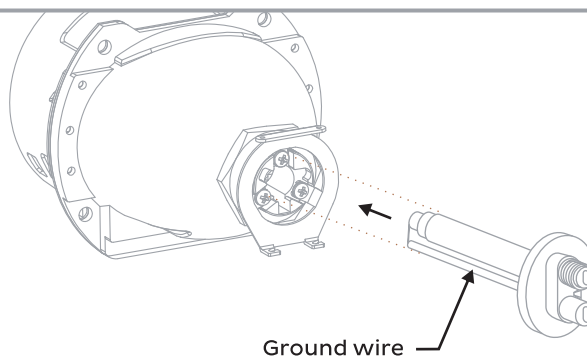
1

Using an alcohol wipe, clean the glass capsule of the HID bulb.



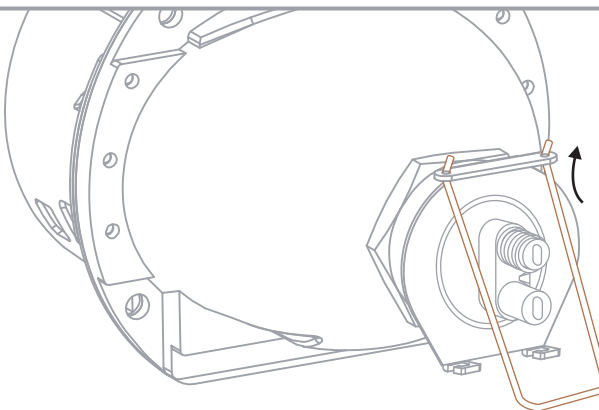
2

Insert the bulb with the ground wire at the 6 o'clock position (bottom).



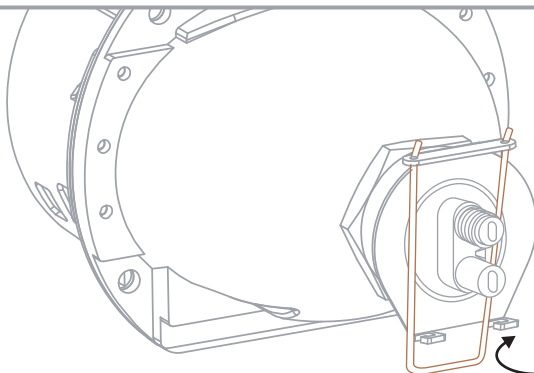
3

Insert the two ends of the bulb clip into the bulb holder.



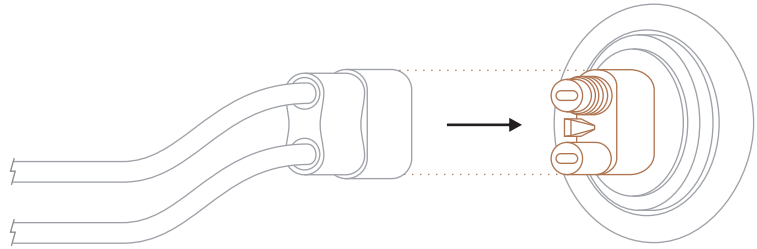
4

Clip in the bottom of the bulb clip to both hooks to properly secure bulb in the projector.



5

Click bulb wire connection onto bulb. Ensure the internal tab is fully latched.



ARE YOUR HEADLIGHTS...



OEM HID?

OR

OEM HALOGEN?



PROCEED TO STEP 6A



SKIP TO STEP 6B



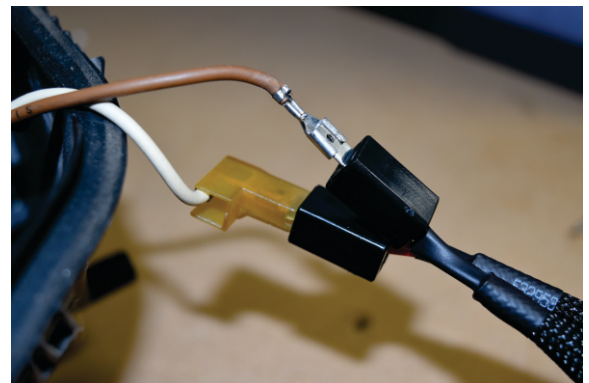
6A

install the ballast adapter into the OEM D2S ballast connection as shown. Click the bulb wires into the end of this adapter to complete the bulb installation.



7A

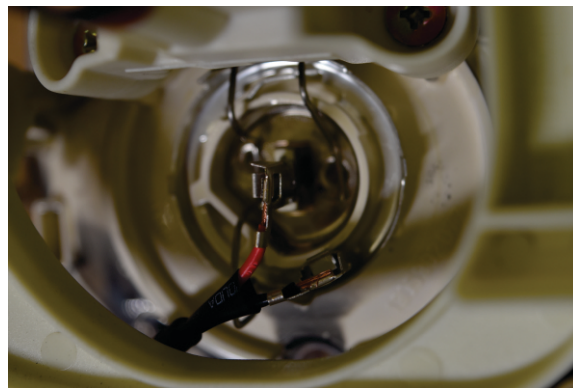
Insert the two factory high beam connections into the input of the high beam splitter. NOTE: the bare female terminal may need to be widened to fit the connector best.



8A

Slide the female H1 outputs of the splitter on to the stock bulb (+) and the ground terminal (-).

NOTE: terminal style may vary.



9A

Connect the Mini H1 solenoid wiring to the second splitter output.

NOTE: Example picture is for reference purposes only.

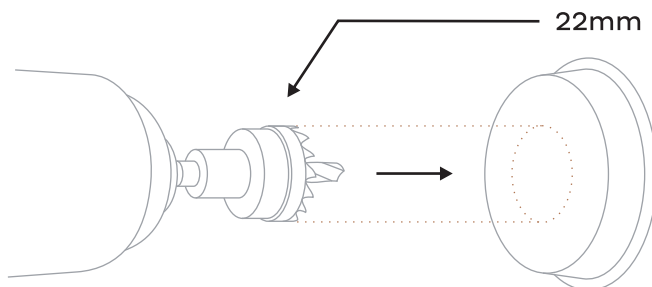


Installation is now complete. Re-install headlights on the vehicle and make final aiming adjustments at this time.

Continued from P. 10 - Installation instructions for OEM Halogen headlights:

6B

Drill a 7/8" (22mm) hole in each housing access panel to allow for the rubber grommet to create a water-tight seal.

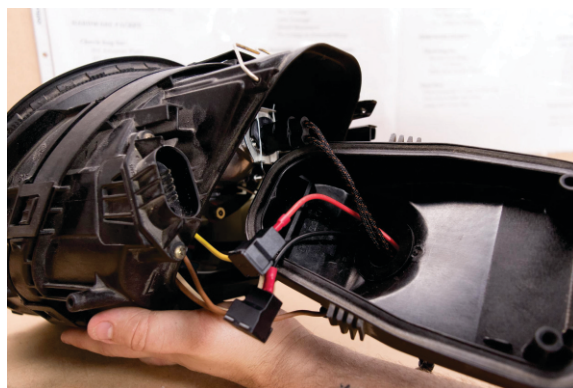


7B

RH Side Only!

Insert the terminals of the red and black wires of the bulb wire looms into the OEM low beam connections.

NOTE: Terminal style may vary.



8B

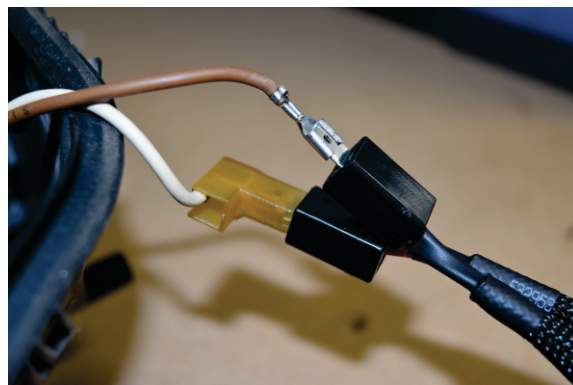
Fit the channels of the rubber grommets of the bulb wires snugly into the drilled holes of the housing access panel.

NOTE: Extra red/black wires from LH headlamp have been removed.



9B

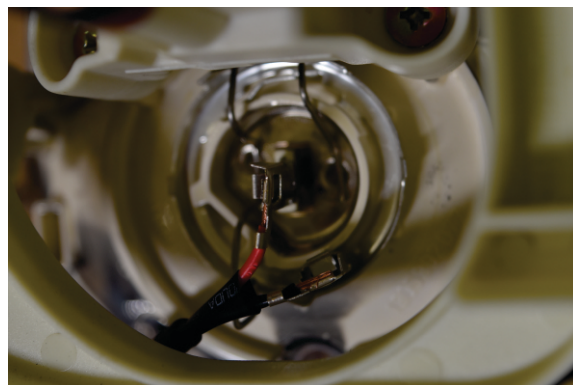
Insert the two factory high beam connections into the input of the high beam splitter. NOTE: the bare female terminal may need to be widened to fit the connector best.



10B

Slide the female H1 outputs of the splitter on to the stock bulb (+) and the ground terminal (-).

NOTE: terminal style may vary.



11B

Connect the Mini H1 solenoid wiring to the second splitter output.

NOTE: Example picture is for reference purposes only.



8B

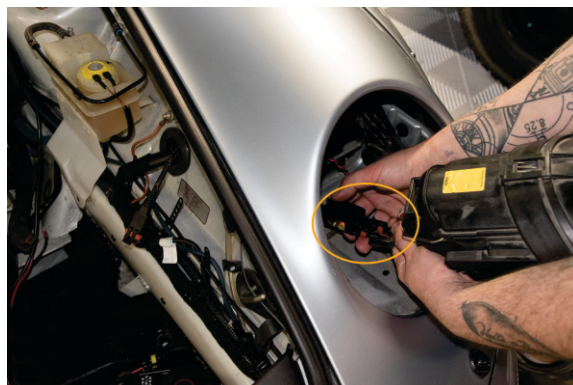
Route the AMP igniter through the OEM rubber grommet as shown.

NOTE: On RH side, also route the extra red/black wire connector.



9B

Connect the bulb connectors to the AMP igniter and re-install the headlight back on the car.



10B

Connect the relay harness input to the bulb pass-through wires.

NOTE: Picture is shown on LH side based on this specific 993 layout only!



11B

RH Side: Mount ballast and relays, secure excess wire lengths with cable/zip ties as needed.

NOTE: Example picture is for reference purposes only.



8B

LH Side: Mount ballast, secure excess wire lengths with cable/zip ties as needed.

NOTE: Example picture is for reference purposes only.



9B

Connect power and ground ring terminals to battery terminals directly; Test system function.



Installation is now complete. Make final aiming adjustments now.