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**2024-2026 Harley Davidson Street Glide, DOT LP6 LED
Headlight Kit**

(44-8317 (White), 44-8318 (Amber))



2950 Norman Strasse San Marcos, CA 92069 Phone 760-
560-2252 X3 • Fax 760-560-0383 info@bajadesigns.com •
www.bajadesigns.com

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KIT CONTENTS

QTY	COMPONENT	NOTES
1	Main Mounting Bracket	Main Mounting Bracket - Single DOT LP6
1	Front Trim / Tin	Kit Component
1	Hardware Kit	Mounting Hardware
4	1/4 in. Washers	Headlight Bolts
2	1/4-20 Grade 5 Nylock Nuts	Pivot Hardware
4	Hex Bolts	DOT LP6 Headlight
2	10-32 Flange Nuts / Washers	Adjuster Plate



TOOLS REQUIRED

3/16 in. Allen wrench (T-handle preferred) | T-30 Torx driver | T-27 Torx driver | T-25 Torx driver | 7/16 in. wrench/socket | Blue threadlocker or equivalent | Trim/upholstery removal tool (optional)

BEFORE YOU BEGIN

WARNING: Before starting the installation, disconnect the battery power. Be sure to protect painted surfaces and support the outer fairing during removal. Follow the motorcycle manufacturer's service guidelines for safely handling the battery and fairing. The instructions indicate that the DOT LP6 kit replaces the entire factory headlight assembly.

STEP 1 | PREPARE THE MOTORCYCLE

To disconnect the battery from the bike, follow these steps for the easiest method: First, unbolt the factory seat and lift the electronic tray that is located on top of the battery. Disconnect the positive cable from the battery.

****Note**** Before disconnecting the positive cable, turn on the ignition to prevent the bike alarm from going off. Make sure not to start the bike—just turn on the ignition and let it sit for 15 seconds. After that, you can safely remove the positive cable from the battery, and you're all set.

STEP 2 | ISOLATE THE BATTERY CABLE

Cover the disconnected battery cable terminal with electrical tape or another suitable insulator to prevent accidental contact.

STEP 3 | PREPARE A PROTECTED WORK SURFACE

Set up a clean table with a soft blanket or towel so the fairing can be placed face-down without damaging painted or finished surfaces.

STEP 4 | REMOVE WINDSHIELD, VENT AND OUTER FAIRING

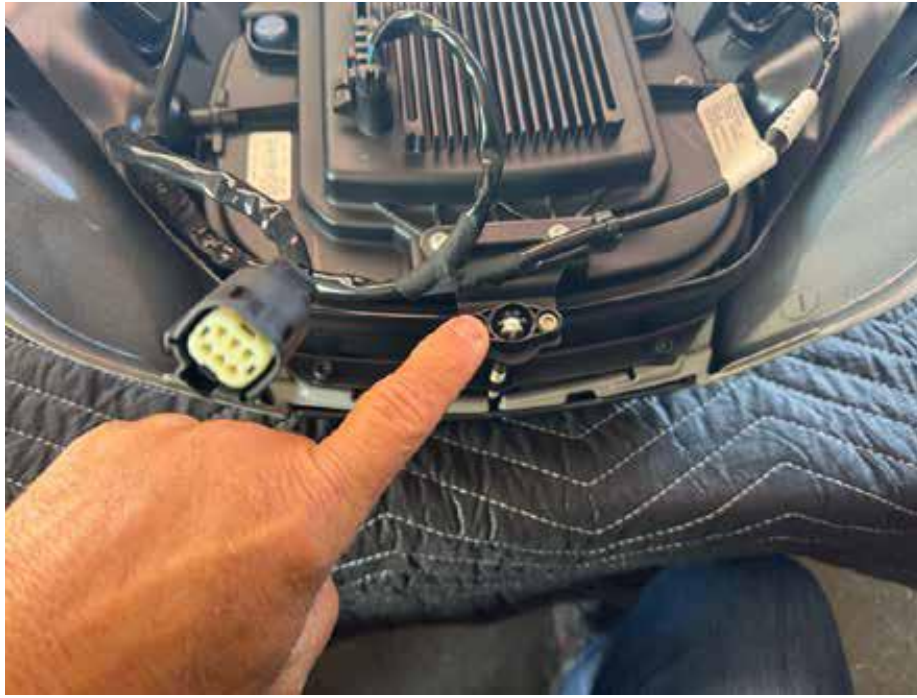
Using the appropriate Torx drivers, remove the vent, windshield, and six outer fairing fasteners. Remove the two upper forward-facing fasteners last so the fairing remains supported.

STEP 5 | SUPPORT THE FAIRING

Protect the front fender and carefully rest/support the headlight area while accessing the electrical connection. A second person is recommended.

STEP 6 | DISCONNECT THE MAIN FAIRING CONNECTOR

Follow the fairing harness toward the steering neck and disconnect the large main square connector. Do not disconnect the smaller headlight or turn-signal connectors at this stage.



STEP 7 | RELEASE THE FAIRING HARNESS

Disconnect the turn-signal indicator connections and release the plastic harness retainers from the factory headlight bracket. Carefully remove any required zip ties. If you have an “Trim Remover Tool” these come in handy to pop these clamps up. (Use small flat-blade screwdriver in the worst case)

STEP 8 | REMOVE THE FACTORY HEADLIGHT FASTENERS

Remove the four Torx fasteners securing the factory headlight assembly. Two related fairing fasteners may already have been removed during fairing disassembly.

STEP 9 | REMOVE THE FACTORY LIGHT BRACKET

Remove the remaining fasteners securing the factory light bracket and lift the assembly clear.

STEP 10 | RETAIN THE FACTORY ADJUSTER SCREW

Remove the headlight adjuster screw from the factory light assembly and retain it for reuse.



STEP 11 | SEPARATE THE FACTORY HEADLIGHT BRACKET

Remove the bracket that supports the factory headlight inside the fairing and set the factory light aside.



STEP 12 | POSITION THE FRONT TRIM

Position the front trim over the DOT LP6 light with the formed/bent tabs oriented toward the top of the light.

STEP 13 | JOIN THE BRACKETS AND LIGHT

Assemble the main bracket, front trim, and DOT LP6 light. Slide the front trim tabs inside the corresponding tabs of the main bracket.



STEP 14 | ALIGN AND START ALL FOUR LIGHT BOLTS

Align all mounting holes. Install all four hex bolts and washers finger-tight before tightening any one fastener. Once all four are started correctly, tighten evenly.

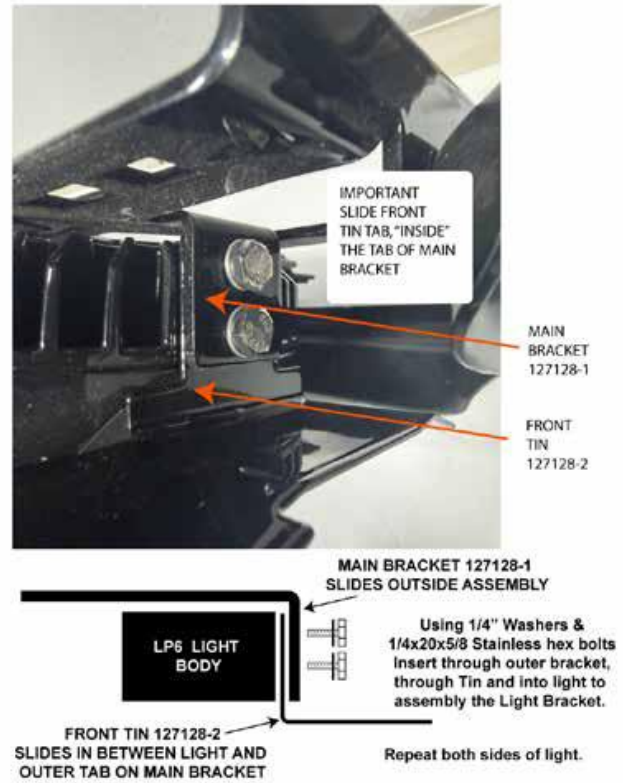
STEP 15 | VERIFY BOLT STACK-UP

Confirm each side bolt passes through the main bracket, then the front trim, and into the headlight mounting point with the supplied washer in the specified position.



STEP 16 | INSTALL THE LP6 ASSEMBLY INTO THE FACTORY MOUNT

Reuse the two factory shoulder bolts and install the supplied 1/4-20 nylock nuts with blue threadlocker. Tighten only enough to remove side-to-side looseness while allowing the light to pivot for aiming. Do not clamp the pivot solid.



CRITICAL: The light must remain able to tilt for aiming. Do not overtighten the pivot hardware.

STEP 17 | INSTALL THE FACTORY ADJUSTER PLATE

Attach the retained factory adjuster plate to the main bracket using the provided 10-32 hardware and washers. Tighten securely.



STEP 18 | REINSTALL THE ADJUSTER BALL COVER

Install the factory plastic adjuster ball cover with the retained factory screws. Leave the fasteners slightly loose while threading the adjuster screw into position. Start the adjuster approximately 1/8 to 3/16 in. through the bracket, then secure the cover.



STEP 19 | INSTALL THE COMPLETED LIGHT ASSEMBLY IN THE FAIRING

Reinstall the DOT LP6/bracket assembly into the fairing using the retained factory mounting hardware. Verify the assembly moves through its aiming range without binding.

FINAL CHECK

- All mounting hardware is installed and secure.
- Headlight pivots/aims correctly and does not have side-to-side play.
- Harness is secured away from sharp edges, heat, and moving parts.
- Steering moves lock-to-lock without pulling or pinching wiring.
- Battery is reconnected according to the motorcycle manufacturer procedure.
- Headlight operation and aim are verified before riding.

Tie all wires away from sharp, hot, and/or rotating components.

Re-torque all the fasteners after 100 miles.

Your install is now complete! Thank you for choosing Baja Designs.