Custom Dynamics® Shark Demon® Fog Light Pan America Mount Kit Installation Instructions

Part Number

SD-FOG-PA-MOUNT

Package Contents

Anti-Rotation Standoff Spacers (2)
Nord-Lock® Washers (2)
8mm-1.25 x 30mm Socket Head Allen Bolts (2)
Instructions (1)



Fitment

2024-2026 Harley-Davidson® Pan America 1250 Special (RA1250S), 2024 Pan America 1250 (RA1250), 2024-2025 CVO Pan America (RA1250SE) and 2026 Pan America 1250 Limited (RA1250L).

Note

21-23 Models without mounting tab on the engine guard must use either HD PN: 68000337 x 2 clamps or HD PN: 49000160A right engine guard and 49000161A Left engine guard **(sold separately).**

Suggested Tools

Safety Glasses	11/32" Drill Bit (Optional)
10mm Socket	Stepper Bit (optional)
Drill (Optional)	Round File (Optional)

Installation

Warning

Rider and passenger safety depend upon the correct installation of this kit. Use the appropriate service manual procedures. If the procedure is not within your capabilities or you do not have the correct tools, have a qualified technician perform the installation. Improper installation of this kit could result in death or serious injury.

1. Remove all necessary parts to disconnect the negative battery cable from the battery.
2. Locate the accessory connector under the seat in the center of the electrical caddy. Shown in **Figure1.**
3. Connect the Shark Demon® Fog Light Kit **(sold separately)** HARN-FOG-1 Harness to the accessory port. Shown in **Figure 2.**
4. Locate the mounting hole on the engine guard. Shown in **Figure 3.**
5. You will need to make the hole slightly larger with either a drill and 11/32" drill bit or stepper bit shown in **Figures 4 & 5.** You can also use a round file to open the hole slightly shown in **Figure 6.**
6. Mount the Shark Demon® Fog Light **(sold separately)** to the engine guard using the supplied Anti-Rotation Standoff Spacers, Nord-Lock® Washers and 8mm-1.25 x 30mm Socket Head Allen Bolts. Shown in **Figures 7 & 8.**

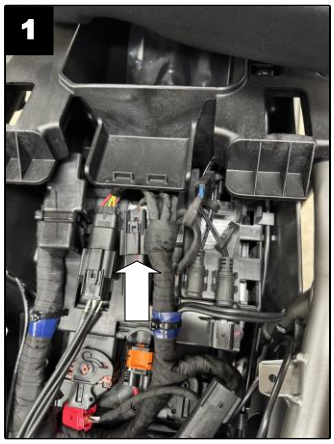
Note

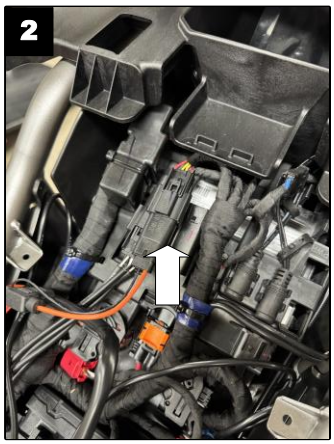
Use the Shark Demon® Fog Light Installation Instructions on how to orientate the Fog Light for proper aiming.

7. Route the wires from the Shark Demon® Fog Light to the radiator cover and up to the top of the frame and down the underside of the fuel tank so the wire comes out at the back near seat area. Shown in **Figures 9 & 10.**

Installation Instructions Continued - 2

8. Secure all wiring with cable ties to keep them from being cut, frayed or pinched.
9. Find a suitable location for the push button ON/OFF switch and clean area with denatured alcohol and let dry.
10. Peel the red protective tape off the back of the switch and press firmly into place.
11. Secure all wires under the seat by the electrical caddy with cable ties to keep them from being cut, frayed or pinched.
12. Reconnect the negative battery cable to the battery and reinstall all necessary parts.
13. Test the new Custom Dynamics® Shark Demon® Pan America Fog Light Mount Kit for proper operation.



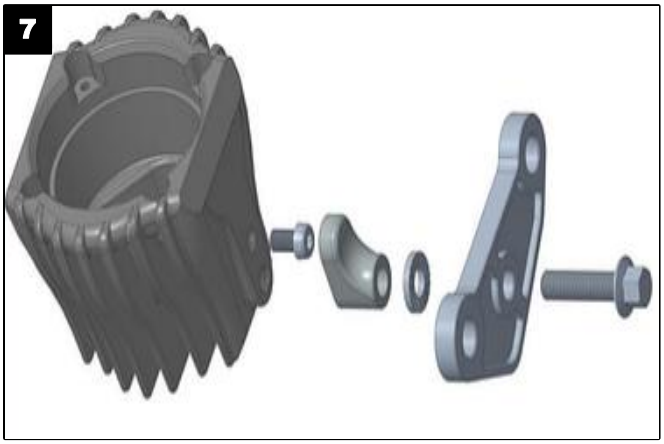






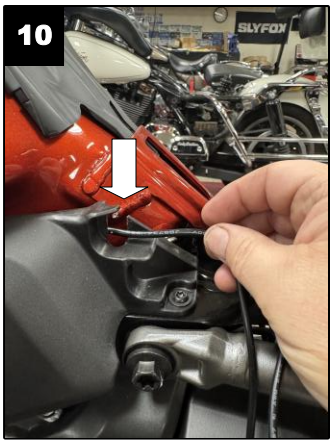












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