



Wavelight “Barn Door” Installation Procedure

The following procedure should be used to install the “Barn Door” accessory onto any “Wavelight “ fixture.

All Wavelight fixtures have an internal gel frame mounted to the inside of the fixture at the front. The mounting holes for the gel frame will be used to secure the mounting ring for the “Barn Door” accessory. The following procedure will insure that the ring is attached without allowing the gel frame to fall into the interior of the fixture, which would then require disassembly of the fixture to reinstall.

The procedure requires a 1/16th inch “Allen” hex key to remove and replace the required fasteners.

- 1 Disconnect power from the fixture and take it to a workbench or other suitable area.
- 2 Locate the barn door accessory kit, which should contain the following items for each fixture:
 - 1 Barn Door accessory
 - 1 Barn door mounting ring
 - 1 4-40 x 3/8 inch button head socket capscrew
 - 2 4-40 x 3/4 inch flat head socket capscrews
- 3 At the front of the fixture, remove the thumbscrew used to retain any gel or color filter, and replace it with the button head capscrew provided with the barn door hardware.
- 4 Remove one of the two button head screws securing the internal gel frame to the front of the fixture, leaving the frame retained by the other fastener, and the gel retaining screw.
- 5 Install the barn door retaining ring using one of the two long flathead screws provided, threaded into the gel frame mounting hole. Make sure that the access notch in the ring is positioned to align with the button head screw installed to retain any gel or filter. Do not fully tighten the first mounting screw just yet, as the ring cannot be properly aligned until the second mounting screw is removed.
- 6 Remove the other button head screw from the internal gel frame, leaving the frame retained by the single fastener on the mounting ring, and by the gel retaining screw.
- 7 Align the second mounting hole on the barn door retaining ring with the second fastener position, which should center the ring on the output aperture of the fixture, and align the gel screw with the access notch in the mounting ring. .
- 8 Install the second long flathead fastener through the ring into the mounting hole, and tighten both mounting screws to secure the ring to the fixture.
- 9 Unpack and install the “barn door” accessory, which should be a “press fit” into the mounting ring. The barn door attachment can be rotated as necessary in the mounting ring, and will hold in any position without falling out.
- 10 Install the fixture in the intended position, and adjust the rotation of the barn door unit and the four individual flaps to limit the projected effect to the desired area. .