

# Using the Photographic Support Systems® Canon EOS 20D Camera Housing



1. Remove rubber eyecup.



2. If you are using a zoom lens with the housing, attach the nylon lens gear to the zoom barrel of the lens using the 1/16" hex wrench to tighten the set screws in the lens gear. Tighten the screws tight enough so the lens gear stays on the lens, but not so tight as to cause the zoom barrel to bind.

3. Pull the control wheel housing control on the top of the camera housing OUT so the camera does not get scratched.



4. Press plug into camera body. There is enough cord to remove the camera from the housing to change film or lenses.

5. Turn the camera on.



6. Angle the camera to fit the plug into the compartment on the side of the housing. Take it easy, don't force it. Gently push the camera into the housing.



7. Place the front port on the housing and align the housing studs and zoom gears. Use care to not dislodge the zoom lens gear. If the front plate does not fit on the housing, make sure the camera is fully seated in the housing. Readjust the camera if necessary.

8. Lubricate the main 'O' ring with silicone grease and tighten the wing nuts.

9. If the camera does not fire, or fires intermittently, check for corrosion or oxidation on the camera plug and socket. Clean if necessary.

The best camera settings for high action watersports would be **AI Servo** focusing and **Continuous Shooting** drive mode. If you shoot in **Single Shot** drive mode, you need to turn the side switch of the camera housing off, then on again to reset the camera. For wide angle lenses, setting the lens to **Manual Focus** and **presetting the focus** is the best way to go.

Use either **Manual Exposure (E)** or **Shutter Priority AE (Tv)**. You can control the shutter speed with the top control wheel. It is best to use 1/500 second shutter speed or faster in most situations, so set the aperture according to lighting conditions to allow the shutter speed to remain above 1/500 second.

If you have any questions or problems, contact Ron Barbish at **Photographic Support Systems**.

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