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Low Fuel Lamp On EFI Models

Information on low fuel lamp diagnostics was inadvertently omitted from the 2004 Manuals. The low fuel lamp should turn on when the fuel level is between .7 and 1.3 gallons. Whenever checking proper lamp ON-OFF operation remember all of our EFI model fuel gauges have a software filter that limits the lamp reaction when the ignition is ON. This prevents lamp flicker under hard acceleration and braking. Each time the rider turns on the ignition switch the software filter is reset to the current fuel level value.

When diagnosing a fuel lamp issue the float must be positioned while the ignition is OFF. When ignition is turned ON, proper light response can be verified. If the low fuel lamp is lit, and the float is raised either manually or by refilling the fuel tank while the ignition switch is ON, the light will not go out for quite some time. Simply turn the ignition switch OFF-ON to reset.

Similarly, if there is enough fuel for the low fuel lamp to be extinguished and the float is either bottomed manually or the tank is drained with ignition ON, the lamp will not light for quite some time. Simply turn the ignition switch OFF-ON to reset.