



Service Bulletin

File in Section: -

Bulletin No.: PIP5227

Date: September, 2014

PRELIMINARY INFORMATION

Subject: SES Lamp With P0171 And P0174 Set When Using E85 With RPO FHO

Models: 2015 Chevrolet Silverado 1500, Suburban, Tahoe
2015 GMC Sierra 1500, Yukon, Yukon XL
Equipped with L83, 5.3L V8
2015 SUV Vehicles built beginning May 19, 2014
2015 1500 Pickups built beginning with start of 2015 production

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

Vehicle has an SES lamp with a P0171 and P0174 set after the fuel tank was filled with E85 fuel

Recommendation/Instructions

If this is encountered check the ethanol content of the fuel with the J 44175 (Fuel Composition Tester).

If the fuel tested over 10% alcohol, determine if the vehicle is equipped with RPO FHS, If not flush the fuel system and add E10 gas.

If the vehicle is equipped with the RPO FHS follow normal diagnostic for the codes

Please note: There was a change during the production of 2015 Full-Size SUVs, and with the beginning production of 2015 Full-Size Light-Duty Pickups, shifting from a standard E85 capability on all of these vehicles equipped with the L83, 5.3L V8, to an optional E85 capability, requiring selection of E85 capability through vehicles equipped with RPO code FHS.

Addition Note: For SUV models, FHS is only available for fleet and government ordered vehicles; for LD Pickup, FHS is available for all orders.

The default fuel capability is E10 gasoline, specified for vehicles equipped with RPO FHO.

E85 flex-fuel capability is specified for vehicles equipped with RPO FHS

Vehicles equipped with RPO FHO, E10 gasoline, will be equipped with a black fuel cap and will not be equipped with a flex-fuel sensor.

Vehicles equipped with RPO FHS, E85 flex-fuel, will be equipped with a yellow fuel cap and will include a flex-fuel sensor.

Note: Vehicles equipped with RPO FHO, E10 gasoline are certified for this fuel type and cannot be modified to allow use of E85 flex-fuel.

Warranty Information

The correction for this concern may be one of several repairs described above. For vehicles repaired under warranty, please use the appropriate warranty labor operation based on the actual cause and repair.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.