

SS 1034686 P4 New Cascadia Does Not Use Bottom Of Clutch Switch For Starting

Applicable Vehicles:

All P4 New Cascadia vehicles with manual transmissions.

Symptoms:

Clutch pedal position does not affect engine crank function. If the transmission is in neutral, the engine will crank (regardless of clutch pedal position) when requested.

Issue:

On the prior P3 Legacy Cascadia vehicles with manual transmission, the Bottom of Clutch (BOC) switch could be used as an interlock for the engine crank circuit. If programmed in the SAM Cab, the engine crank circuit would require the clutch to be fully depressed in order for the engine to crank. P3 also offered a neutral switch as an interlock that could be used instead of the BOC and would require the transmission to be in neutral in order for the engine to crank.

Solution:

P4 New Cascadia only offers the neutral switch as the interlock for engine crank. This requires that the transmission be in neutral for the engine to crank, regardless of clutch pedal position.

This solution is informational only. Because P3 Legacy Cascadia offered 2 different interlocks for engine crank (BOC and a neutral switch) there have been requests from the field asking if BOC could be added as an interlock for engine crank on P4? The answer is no, currently only the neutral switch is being used for the engine crank interlock.