

	GROUP Electrical	MODEL 2016-2018MY Sorento (UMa)
	NUMBER PS541	DATE February 2018



TECHNICAL OPERATIONS

SUBJECT: INOPERATIVE SHIFT LOCK RELEASE AND/OR
IGNITION STUCK IN ACCESSORY MODE

This pitstop provides the procedure to inspect the Key Interlock Switch contact on some 2016-2018MY Sorento (UMa) vehicles experience one of the following:

1. An inoperative shift lock release
2. No crank
3. Inoperative key release (on key-start equipped vehicles)
4. Ignition stuck in accessory mode accompanied by a “Shift to Park” message (on smart key equipped vehicles).

The above concerns are commonly caused by a mis-adjusted microswitch (A), internal to the shifter assembly.

Note: the park switch is different than the range switch on the transmission.

To check for correct operation of the microswitch (A), turn the ignition on and place the shifter lever in the “Park (P)” position. Connect the KDS to the vehicle, and select BCM, and Data Analysis. Locate the PID labeled “Key Interlock Switch”, and confirm the data reads ON in the “Park (P)” position, and OFF when the shifter lever button is depressed or the shift lever is moved out of the “Park (P)” position. If the operation is not as described, replace the shifter assembly (B).

Note: If the switch is making good contact, proceed with a normal electrical diagnosis.

Sensor Name(64)	Value	Unit
Auto Light Switch (Option)	OFF	-
Head Lamp Switch	OFF	-
Head Lamp High Switch	OFF	-
Front Fog Switch (Option)	OFF	-
Key Inter Lock Switch(Manual Key Type)	OFF	-
Key Inter Lock Solenoid Output(Manual Key Type)	ON	-

