

"DOCUMENT UNCONTROLLED IF PRINTED"

DOC #	PROCESS NAME	PAGE	REVISION	STATION	BY	DATE
AR868	2018 SOI Door Shift Interlock	1 of 1	-	SER-E	C.Ward	6/5/2019

Read process before beginning. If you do not understand any part please contact: Chris Ward, VP of Parts and Warranty at 1-866-953-5555 or by E-mail @ cward@ARBOCv.com.

Good Mechanics safety practice must be followed on any repairs.

Safety practices should include but not be limited to properly supporting the chassis, axles, blocking tires, and a work area free of clutter.

Complaint: Ability to shift unit in gears with doors open and park brake off

Cause: Demo unit sold with previously standard I/O Controller which could not be re-programmed. Design was set for doors to automatically close after 2mph.

Correction: Per instructions, please add jumper harness which will not allow the vehicle to come out of gear with doors open.

Vehicles Affected: 2018 Spirit of Independence (3172)

Labor Operation Code: N/A - Customer Request Only

Labor Time Allowance: N/A

Parts Returned: No

Tools Required

Wire Snipper/Crimper

Parts Required

1 2007701 Harness, Jumper Door Interlock

Repair Procedure:

Step 1: Remove Electric Panel Cover.

Step 2: Locate and de-pin the 14 AWG Purple Wire (87A) in the relay located to the lower left of the I/O controller.

Step 3: For the wire removed in previous step - cut pin connector from wire, strip wire, and butt connect to the red wires in the jumper harness.

Step 4: Connect the black wire with pin into 87A which purple wire was removed.

Step 5: Remove the plug connector on the I/O Control Module.

Step 6: Locate pin 5 (Door ACT SW NC 16 BLK/WHT) wire.

Step 7: With adequate slack, splice into the wire, strip, and butt connect to the white wire in the jumper harness.

Step 8: Re-install plug connector.

Step 9: Verify function.

Step 10: Re-install Electric Panel Cover.

