# **Driver Side Door UNLOCK Detection Switch Circuit**

#### DESCRIPTION

The driver's door unlock detection switch is built into the driver's door lock assembly. The switch turns on when the driver's door is locked and turns off when the door is unlocked.

The multiplex network master switch assembly is connected to the driver's door lock assembly via terminal LSW and driver's door lock/unlock state signals are input to the multiplex network master switch assembly.

The multiplex network master switch assembly applies voltage to the door unlock detection switch via terminal LSW. When the door unlock detection switch is on (there is continuity between the switch terminals), a lock state signal is input to the multiplex network master switch assembly. When the switch is off (there is no continuity between the switch terminals), an unlock state signal is input.

The multiplex network master switch assembly sends driver's door lock/unlock state information to the body ECU using multiplex communication.

### WIRING DIAGRAM



## 1 READ VALUE OF DATA LIST (DOOR UNLOCK DETECTION SWITCH)

(a) Check the DATA LIST to ensure proper function of the door unlock detection switch.

#### MASTER SW:

Item	Measurement Item / Display (Range)	Normal Condition	Diagnostic Note
LOCK POS SW	Door unlock detection switch signal /ON or OFF	ON: Driver side door is unlocked OFF: Driver side door is locked	-

OK:

The display is as specified in the normal condition.



