

SHIFT LOCK CONTROL SYSTEM

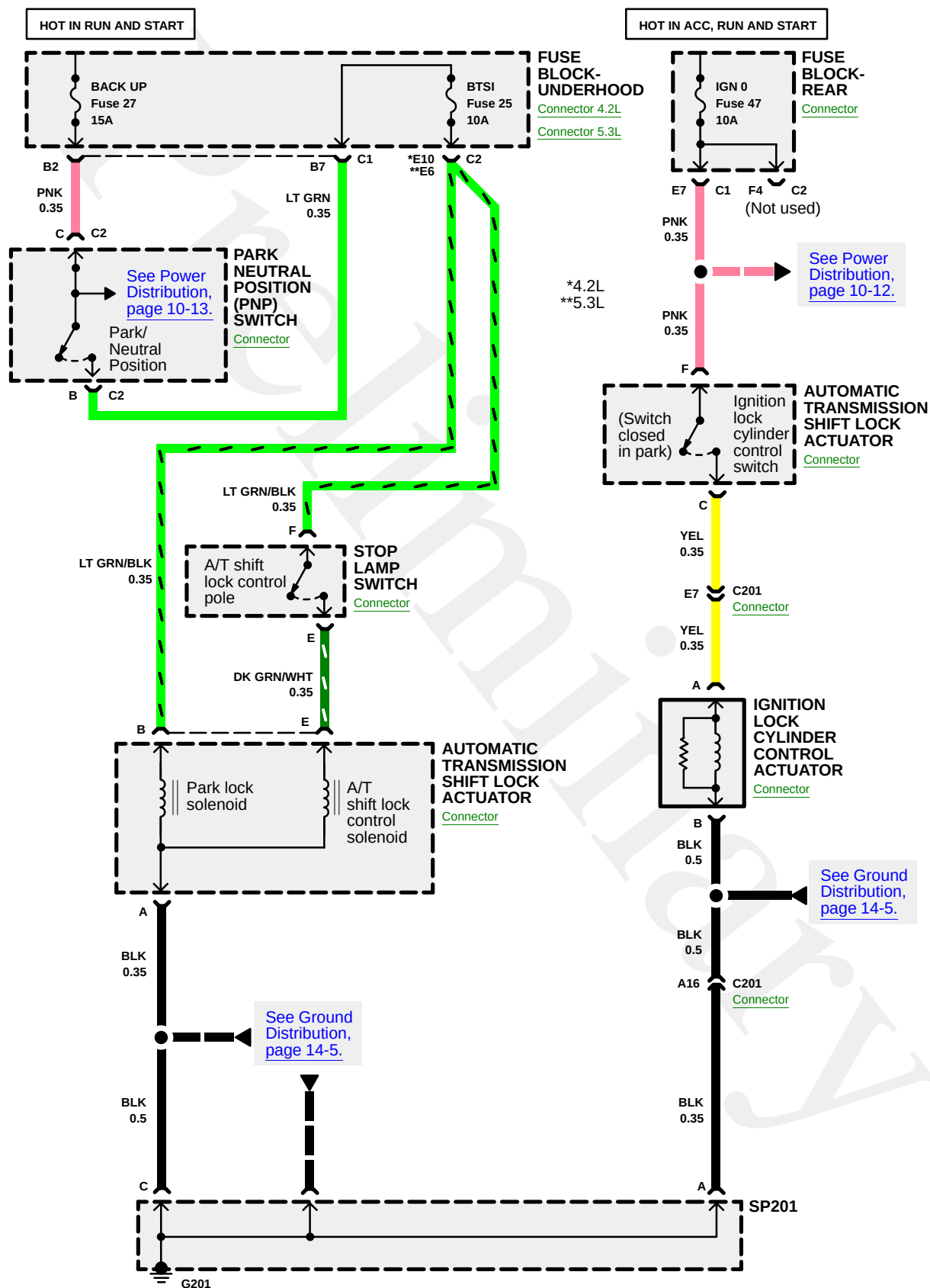
Component Index

- Automatic Transmission Shift Lock Actuator
- Fuse Block-Rear
- Fuse Block-Underhood
- Ignition Lock Cylinder Control Actuator
- Park/Neutral Position (PNP) Switch
- SP201
- Stop Lamp Switch



SHIFT LOCK CONTROL SYSTEM

Circuit Schematic



SHIFT LOCK CONTROL SYSTEM

Circuit Operation

Automatic Transmission Shift Lock Control System

The automatic transmission shift lock control system is a safety device that prevents an inadvertent shift out of PARK when the engine is running. The driver must press the brake pedal before moving the shift lever out of the PARK position. The system consists of the following components:

- The automatic transmission shift lock control solenoid
- The automatic transmission shift lock control switch

With the ignition in the ON position, voltage is supplied to automatic transmission shift lock control switch. Voltage flows through the normally closed contacts of the automatic transmission shift lock control switch to the automatic transmission shift lock control solenoid. The automatic transmission shift lock control solenoid is permanently grounded. This energizes the automatic transmission shift lock control solenoid causing the transmission shift lever to be physically locked in the PARK position. When the brake pedal is pressed the contacts in the automatic transmission shift lock control switch open, de-energizing the automatic transmission shift lock control solenoid. This allows the shift lever to be move out of the PARK position.

Park Lock Solenoid

The park lock solenoid is a safety device that prevents an inadvertent shift out of PARK when the key is in the OFF position. The key must be in the RUN position to release the park lock solenoid.

The system consists of the park lock solenoid.

With the ignition in the ON position, voltage is supplied to the park lock solenoid. The park lock solenoid energizes through a permanent ground unlocking the shift lever. With the ignition in the OFF or ACCY position the park lock solenoid de-energizes and locks the shift lever in the park position.

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Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Automatic Transmission Shift	
Lock Actuator	In lower console 62
Fuse Block-Rear	Under the left rear seat 52
Fuse Block-Underhood	Left side of engine compartment 3
Ignition Lock Cylinder Control	
Actuator	In right side of steering column 67
Park/Neutral Position (PNP)	
Switch	Left side of transmission 40
SP201	Near right front of lower console 80
Stop Lamp Switch	On brake pedal support 64
Connector	
C201 (17-BLK), (18-BLK), and (13-GRY)	At base of steering column 120
Ground	
G201	Near right front of lower console 80