

# Improved Start-Stop-Automatic (SSA) for Automatic Gearshifts

Idea is to have equal functionality as for SSA with manual gearshift:

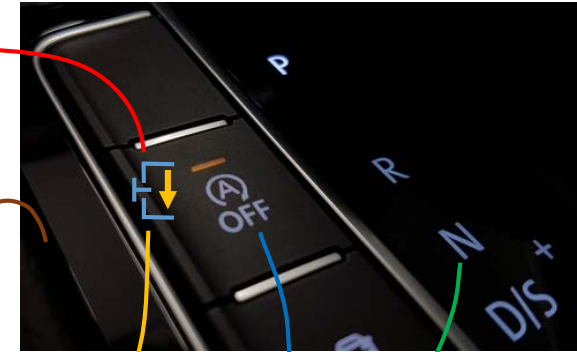
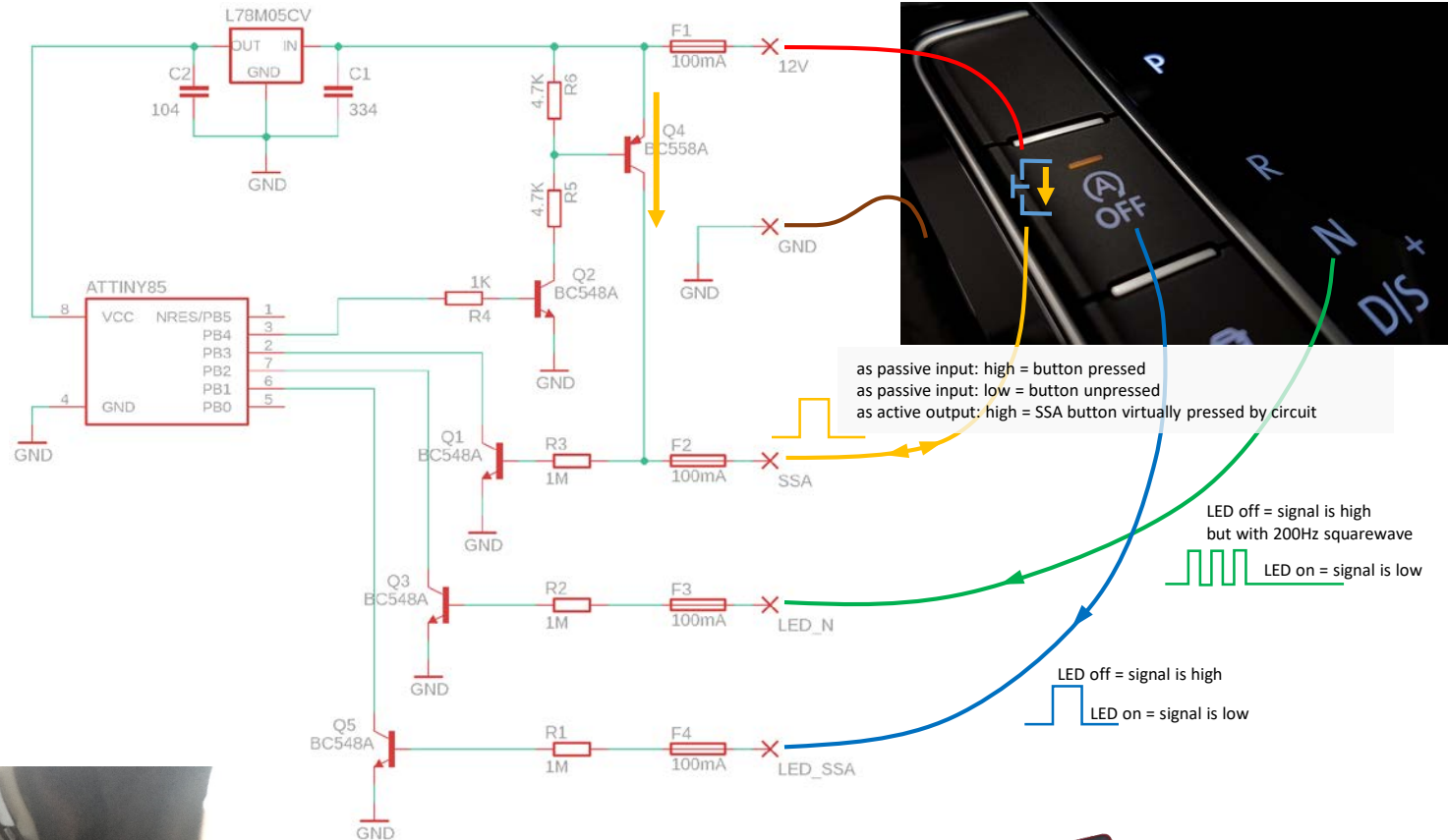
- only in neutral gear SSA is active
- in all other gear SSA is deactivated

The physical push-button is bypassed by electrical circuit (see yellow arrows) following a software logic based on information from two LEDs (SSA and Neutral).

Car-internal logic is not touched, only the push-button is duplicated.

Neutral-LED has a more complex signal (square-wave instead of pure high vs. low).

In case of rebuild for your own car:  
Check cable-situation and signal-flow in your car!!



LED off = signal is high  
but with 200Hz squarewave  
LED on = signal is low

LED off = signal is high  
LED on = signal is low

