There is a spliced connection to the high-beam wire to the headlight. That controls the lightbar only when the highbeams are on. The igintion relay (K3) removes power from the circuits below when the key is not in the Aux or On position. Using two relays, one for controlling power to the circuit from the cab, and the other used for control from the high-beam circuit. 5A Fuse IGNITION HIGHBEAM\_WIRE HIGHBEAM\_WIRE\_FUSED Outside of the Jeep 12V\_GRILL\_HIGH\_BEAM 12V\_GRILL\_FUSED Original Circuit K2 15A Fuse 12V GRILL RELAY 18AWG PAIR 12V\_WINDSHIFLD3 12V\_WINDSHIELD 5A Fuse Note: I'm using a `bus` here to represent a multi-conductor cable 3 Conductor Cable 5 1 for 12V 1 for Ground 1 for the Grill light relay GND SV3

12V\_WINDSHIFL D3

GND 1 18AWG PAIR g**∀**≩ S2 is to enable power to the grill bar Fuses and relays are in the engine bay ☐ S2. Windsheild Circuit Daja 12V GRILL RELAY A relay is used instead of directly controlled by S2 because the grill bar is muchhhh higher current. Switches are in the Cab