

2014 RAM 1500 Carputer — STATEFUL ILLUMINATED SWITCH (momentary button + independent LED, state held by Waveshare)
 One press toggles · voice can also toggle · the LED is driven by the Waveshare so it ALWAYS shows the true state, no matter which changed it.
 Use a MOMENTARY pushbutton with a SEPARATE LED (4 wires: 2 contact + 2 LED). NOT a latching switch (it would lie about state once voice changes it).
 LEGEND: blue = DI signal in · green = LED-drive (DO sink) · purple dashed = DO trigger · red = 12V / load power · magenta = RS485 Modbus · teal = MQTT/voice

