***\*Reset = 0***

MR\_cars = 0x00

MR\_cars > 0x00

MR\_cars < 0x04

&

MR\_cars > 0x00

MR\_cars < 0x04

&

MR\_cars > 0x00

MR\_cars = 0x00

MR\_cars = 0x00

MR\_cars ≥ 0x04

States:

A – 00, green on MR;

B – 01, yellow on both;

C – 10, red on MR;

D – 11, extra green on MR

11; 01

01; 11

10; 10

11; 01

D

B

C

A