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CAN Sequential Shifter

This device is used to transmit Park, Reverse, Neutral, Drive, Up shift and Down shift and Launch activation over canbus while being connected to a sequential shifter or shift paddles with a MaxxECU and 8HP transmission control.

Pinout

Pin

1	N/A
2	N/A
3	N/A
4	N/A
5	Digital Input 1 (Up Shift)
6	Digital Input 2 (Down shift)
7	5v output to Perfect Tuning Sequential Shifter
8	Ground
9	CAN H
10	CAN L
11	Ground
12	12v Power



CAN BUS

Inside the enclosure, a Jumper is present to apply the 120 ohms resistor that might be needed at the end of can bus wires. Total resistance of CAN bus must be 60 ohms (only two devices with 120 ohms resistor installed). All the other devices must not have the 120 ohms resistor. By default, the jumper is not installed and this module can be added to an existing can bus network.

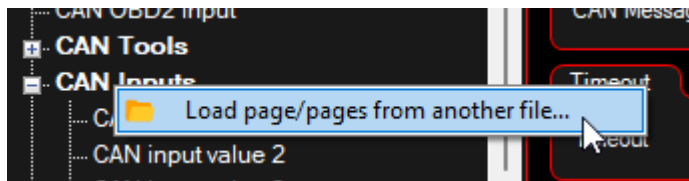
LED

The LED on the back of the enclosure can light up green or red. Green when everything works fine and red when there is a can bus connection error.

MaxxECU Configuration

Download the "Perfect Tuning CANShifter MaxxECU.MaxxECU-save" file.

1. Go to **Dodge 8HP** Section, **8HP Settings** and set **8HP Shifter** to **Shift Emulation (digital Inputs)**.
2. In the MaxxECU software, go to **CAN Bus** and right click on **CAN Inputs** to select **Load page/pages from another file...**



CAN Bus message ID is 0x600.

Bit	Bit Mask	Function
0	0x01	Transmission UP shift
1	0x02	Transmission DOWN shift
2	0x04	Transmission Neutral Switch
3	0x08	Transmission MANUAL Switch
4	0x10	Transmission DRIVE Switch
5	0x20	Transmission Reverse Switch
6	0x40	Launch control switch, enable stage 1
7	0x80	Transmission PARK Switch

Launch Mode

The launch mode is enabled by holding the shifter in the UP shift position when the vehicle is not moving.

***** Launch Mode doesn't work in Drag mode *****

Make sure launch control is enabled in the Motorsport Settings with activation mode on Switch Input.

