

**Table 180.**

Engine Brake Switch Programming Options				
Parameter Group	Parameter	Options	Default	Access
13	Engine Brake Switch Config	0 - Hardwired, 1 - Info from J1939, 255 - Not Configured	0 - Hardwired	DRS, VEPS
13	2 14 DI Selection	0 - disable 1 - engine brake low 2 - Evobus retarder lever stage1	1 - engine brake low	DRS, VEPS
13	2 15 DI Selection	0 - disable 1 - engine brake high 2 - Evobus retarder lever stage2	1 - engine brake high	DRS, VEPS

### 7.1.10 Inputs - Fan Override

This digital input is used to activate the fan when the input is switched to battery ground.

The fan override switch is a normally open switch

#### Installation

The Fan Override Switch is wired to the CPC2+ on pin 2/13.

**Table 181.**

Fan Override Parameter				
Parameter Group	Parameter	Options	Default	Access
13	2 13 DI Selection	0 - disable 1 - fan override switch 2 - Evobus retarder lever stage5	1	DRS, VEPS

### 7.1.11 Inputs - Idle Validation 1 and Idle Validation 2

The Idle Validation Switch consists of two contacts. Idle Validation 1 is normally closed and indicates that the accelerator pedal is in the idle position when the input is grounded. Idle Validation 2 is normally open and indicates that the accelerator pedal is not in the idle position when it is grounded.

**NOTE:** An Idle Validation Switch is required.

#### Installation

The Idle Validation 1 Switch is wired to the CPC2+ on pin 1/6. The Idle Validation 2 Switch is wired to the CPC2+ on pin 1/3.

### 7.1.12 Inputs - Limiters for Torque, Engine Speed, and Vehicle Speed

These inputs indicate that the engine is being limited to a torque, engine speed or vehicle speed. These limiters are Limiter 0 (LIM0) and Limiter 1 (LIM1).