

Installation manual

SmartGas 2

Mercedes Sprinter (2018 - ...)

2213540000



Latest update: 25 March 2019

General information

Always use universal manual 2990040000 for making all of the non car specific connections.

Make sure the negative poles of all batteries in the car are disconnected before making any electrical connections. Follow the car manufacturer instructions to prevent unwanted errors.

Ensure that your solder connections are solid and insulate them well.

If wire colours in the vehicle differ from the car specific manual please report it to the Producer or distributor.

Accelerator pedal

See wiring diagram at the end of this manual.

Ignition Signal (+15)

Protect the ignition wire by putting a 5 A fuse as close as possible near the source.

See the Wiring diagram in the universal manual 2990040000.

Ignition signal can be found at the red/yellow wire in the fuse box under the drivers seat.

Brake light signal

Brake light signal can be found on the 2 pin brake light sensor connector on the brake pedal.

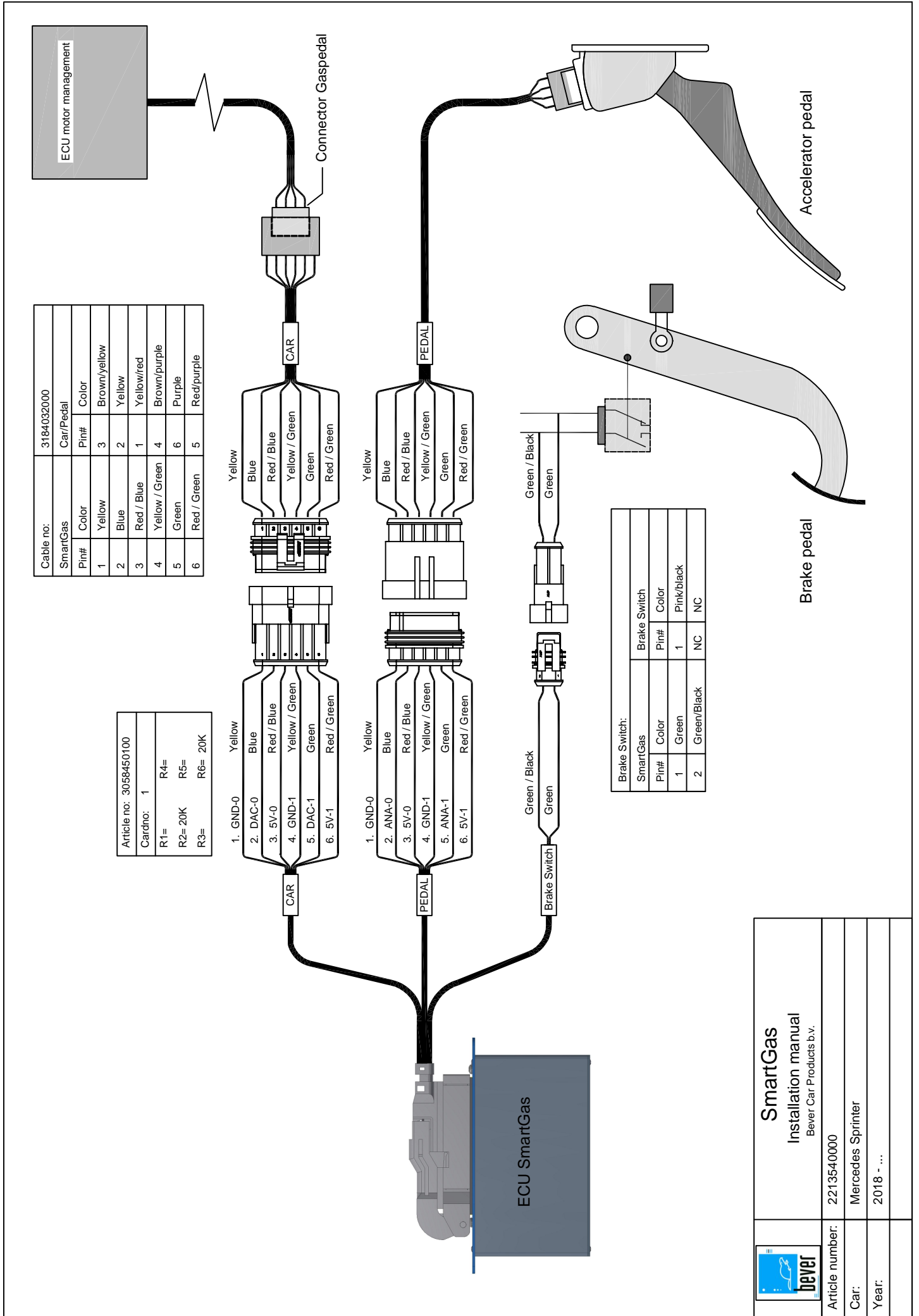


Calibration

In the universal manual is explained how to calibrate the SmartGas.

For this car the Idle/Kick down switches should not be calibrated

2213540000



ECU motor management

Connector Gaspedal

Accelerator pedal

Brake pedal


Cable no:	3184032000
SmartGas	Car/Pedal
Pin#	Color
1	Yellow
2	Blue
3	Red / Blue
4	Yellow / Green
5	Green
6	Red / Green

Article no:	3058450100
Cardno:	1
R1=	R4=
R2= 20K	R5=
R3=	R6= 20K

CAR	1. GND-0	Yellow
	2. DAC-0	Blue
	3. 5V-0	Red / Blue
	4. GND-1	Yellow / Green
	5. DAC-1	Green
	6. 5V-1	Red / Green

PEDAL	1. GND-0	Yellow
	2. ANA-0	Blue
	3. 5V-0	Red / Blue
	4. GND-1	Yellow / Green
	5. ANA-1	Green
	6. 5V-1	Red / Green

Brake Switch:	
SmartGas	Brake Switch
Pin#	Color
1	Pink/black
2	Green/Black
	NC
	NC

	
SmartGas Installation manual Bever Car Products b.v.	
Article number:	2213540000
Car:	Mercedes Sprinter
Year:	2018 - ...