

15. MAF pinouts

Pinout information is located at

<http://paulr33.skylinesaustralia.com/diagrams/airflow-meter-wiring.html>

CR31 RB30 (2 -7 volt)

- Pin 1. Sensor ground (black)
- Pin 2. Chassis ground (black)
- Pin 3. AFM output (white shielded - 2-7 volts)
- Pin 4. Hot wire cleaning (red - not used with Z32 MAF)
- Pin 5. 12 volts from ECCS relay (thick white - ignition)
- Pin 6. Calibration pot (yellow/red - variable resistor)

* Sensor and Chasis grounds are the same and are connected together

* Calibration pot must either use a 500 ohm variable resistor set to 382 ohms or 1/4 watt resistor 370 ohm or a value closest to this. Connect this resistor between pin 6 (Calibration pot line) and pin 1 (sensor ground).

Z31 VG30 (2 - 7 volt)

- Pin A = Calibration pos (variable resistor)
- Pin B = output voltage (black shielded 2-7 volts)
- Pin C = ground (black - chassis)
- Pin D = ground (black - ECCS)
- Pin E = battery source (12V black striped)
- Pin F = self cleaning mechanism (not used with Z32 MAF)

* Sensor and Chasis grounds are the same and are connected together

* Calibration pot must either use a 500 ohm variable resistor set to 382 ohms or 1/4 watt resistor 370 ohm or a value closest to this. Connect this resistor between pin 6 (Calibration pot line) and pin 1 (sensor ground).

Z32 VG30 (80mm)

- Wire A - Not Connected (orange)
- Wire B - Signal (shielded white)
- Wire C - 12v Ground (black)
- Wire D - Signal Ground (shielded black)
- Wire E - 12v Power (white)
- Wire F - Not Connected

S13 CA18 (65 mm)

- Pin A - nothing / not needed
- Pin B - +12v power
- Pin C - ground
- Pin D - air flow signal out

S14 SR20 (65mm)

- Pin A - nothing / not needed
- Pin B - +12v power

Pin C - ground
Pin D - air flow signal out

R32 RB20 (80mm)

Wire A - Not Connected
Wire B - Signal
Wire C - 12v Ground
Wire D - Signal Ground
Wire E - 12v Power

R33 RB25 Series 1 (80mm)

Wire A - Not Connected
Wire B - Signal
Wire C - 12v Ground
Wire D - Signal Ground
Wire E - 12v Power

R33 RB25 Series 2 (80mm)

White with Blue Trace - Ground
Orange with Black Trace- Signal
Black with White Trace - 12v Power

Q45 VH45 (90mm)

Wire 1 (White) - Signal
Wire 2 (Black) - Ground
Wire 3 (Red/White & Black) - 12v Power

Ford Cobra MAF

Wire A - 12V
Wire B - Ground
Wire C - Ground
Wire D - Signal