



# Perfect Power Wiring Diagrams BMW Menu

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Model	ECU Location
<a href="#">318,323, 325 (E30) - Bosch Motronic Le - Jetronic - 1987-89</a>	
<a href="#">Mini - - 2003</a>	
<a href="#">e520i - Bosch Motronic M3.1 - 1992-96</a>	
<a href="#">525i - Bosch Motronic M3.1 - 1992-96</a>	
<a href="#">M3 3.2 double vanos (E36) (S50 B32) - Bosch Motronic 3.1 - 1997</a>	✓
<a href="#">316i (e46) (194E1) - Bosch BMS 46 - 1999-02</a>	
<a href="#">316i Compact (e36) (194E1) - Bosch BMS 46 - 1998-02</a>	
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<a href="#">320i - Bosch Motronic M3.1 - 1992-1997</a>	
<a href="#">325i - Bosch Motronic M3.1 - 1992-96</a>	
<a href="#">M3 3.2 Double Vanos (E36) (S50 B32) - Bosch motronic 3.1 - 1997</a>	✓
<a href="#">325 - Motronic - 1982-88</a>	✓
<a href="#">325e - Motronic - 1982-88</a>	✓
<a href="#">528e - Motronic - 1982-88</a>	✓
<a href="#">533i - Motronic - 1982-88</a>	✓
<a href="#">535i - Motronic - 1982-88</a>	✓
<a href="#">535iS - Motronic - 1982-88</a>	✓
<a href="#">635Si - Motronic - 1982-88</a>	✓
<a href="#">635CSi - Motronic - 1982-88</a>	✓
<a href="#">733i - Motronic - 1982-88</a>	✓
<a href="#">735i - Motronic - Motronic</a>	✓
<a href="#">Z3 2.0 (20 6S 4) - Siemens MS 42 - 1999-02</a>	
<a href="#">Z3 2.8 (28 6S 2) - Siemens MS 42 - 1999-02</a>	✓
<a href="#">520i (E39) (25 6S 4) - Siemens MS 42 - 1998-02</a>	
<a href="#">523i (E39) (20 6S 4) - Siemens MS 42 - 1998-02</a>	

<a href="#">528i (E39) (28 6S 2) - Siemens MS 42 - 1998-02</a>	
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<a href="#">740i (E38) - Bosch Motronic M3.3 - 1994-96</a>	
<a href="#">M5 24V - -</a>	✓
<a href="#">540 - - 1997</a>	✓
<a href="#">318iS/Coupe (E36) - Bosch Motronic 5.2 - 1996-99</a>	✓
<a href="#">318Ti Compact (E36) - Bosch Motronic 5.2 - 1996-00</a>	
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<a href="#">323i (E46) (25 6S 4) - Siemens MS 42 - 1998-02</a>	
<a href="#">328i (E46) (28 6S 2) - Siemens MS 42 - 1998-02</a>	
<a href="#">730i (E32) - Bosch Motronic M3.3 - 1992-94</a>	
<a href="#">730i (E38) - Bosch Motronic M3.3 - 1994-96</a>	
<a href="#">740i (E32) - Bosch Motronic M3.3 - 1992-94</a>	
<a href="#">540 - - 1998-</a>	✓
<a href="#">520i 24V Vanos (E34) - Bosch Motronic M3.3.1 - 1992-96</a>	✓
<a href="#">3.2 M3 Double Vanos - Bosch Motronic 3.1 -</a>	✓
<a href="#">325i 24V Vanos (E36) - Bosch Motronic M3.3.1 - 1992-97</a>	✓
<a href="#">525i 24V Vanos (E34) - Bosch Motronic M3.3.1 - 1992-96</a>	✓
<a href="#">2.0 &amp; 2.5 24V no Vanos - -</a>	✓
<a href="#">316i (E36) (16 4E 1) - Bosch Motronic M1.7 - 1991-93</a>	
<a href="#">318i (E36) (18 4E 1) - Bosch Motronic M1.7 - 1991-93</a>	
<a href="#">518i (E34) - Bosch Motronic M1.7 - 1989-95</a>	
<a href="#">530 &amp; 540 V8 - -</a>	✓
<a href="#">2L &amp; 2.5L 24V with Vanos - -</a>	✓
<a href="#">3.0L M3 with Vanos - -</a>	✓
<a href="#">530i (E34) - Bosch Motronic M3.3 - 1992-96</a>	✓
<a href="#">540i (E34) - Bosch Motronic M3.3 - 1992-96</a>	✓
<a href="#">316 M40 - -</a>	✓
<a href="#">316i/318i (E30) - Bosch Motronic M1.1/1.3 - 1988-93</a>	
<a href="#">320i (E30) - Bosch Motronic M1.1/1.3 - 1986-93</a>	
<a href="#">325i/325e (E30) - Bosch Motronic M1.1/1.3 - 1985-93</a>	
<a href="#">318i (E36) - Bosch Motronic M1.1/1.3 - 1991-93</a>	
<a href="#">518i (E34) - Bosch Motronic M1.1/1.3 - 1991-93</a>	

<a href="#">520i (E34) - Bosch Motronic M1.1/1.3 - 1991-93</a>	
<a href="#">525i (E34) - Bosch Motronic M1.1/1.3 - 1988-93</a>	
<a href="#">530i (E34) - Bosch Motronic M1.1/1.3 - 1988-93</a>	
<a href="#">535i (E34) - Bosch Motronic M1.1/1.3 - 1988-93</a>	
<a href="#">730i (E32) - Bosch Motronic M1.1/1.3 - 1986-92</a>	
<a href="#">735i (E32) - Bosch Motronic M1.1/1.3 - 1986-92</a>	
<a href="#">318i DOHC whith timing chain (M42) - -</a>	✓
<a href="#">318iS with viscous fan - -</a>	✓
<a href="#">2.8L 24V - -</a>	✓
<a href="#">320i Vanos (E36) (20 6s 3) - Siemens MS 41 - 1994-99</a>	
<a href="#">323i/Compact (E36) (25 6s 3) - Siemens MS 41 - 1995-00</a>	
<a href="#">328i (E36) (28 6S 1) - Siemens MS 41 - 1995-99</a>	
<a href="#">520i 24V Vanos (E39) (20 6S 3) - Siemens MS 41 - 1996-00</a>	
<a href="#">528i (E39) - Siemens MS 41 - 1996-00</a>	
<a href="#">316 M43 Timing chain - -</a>	✓
<a href="#">520i 24V Vanos (E39) - Siemens MS 41 - 1996-99</a>	
<a href="#">523i (E39) - Siemens MS 41 - 1996-99</a>	
<a href="#">528i (E39) - Siemens MS 41 - 1996-99</a>	
<a href="#">728i - Siemens MS 41 - 1998</a>	
<a href="#">325i/325e (E30) - Bosch Motronic M1.1/1.3 - 1985-93</a>	✓
<a href="#">318i(E36)/518i/520i (E34) - Bosch Motronic M1.1/1.3 - 1991-93</a>	✓
<a href="#">525i/530i/535i (E34) - Bosch Motronic M1.1/1.3 - 1988-93</a>	✓
<a href="#">730i/735i (E32) - Bosch Motronic M1.1/1.3 - 1986-92</a>	✓
<a href="#">3L M3 Vanos - -</a>	✓
<a href="#">320i Vanos (E36) - Siemens MS 41 - 1994-98</a>	
<a href="#">323i/Compact (E36) - Siemens MS 41 - 1995-98</a>	
<a href="#">328i (E36) - Siemens MS 41 - 1995-98</a>	
<a href="#">320i 24V (E36) - Bosch Motronic M3.1 - 1991-92</a>	✓
<a href="#">320i 24V Vanos (E36) - Bosch Motoronic M3.1 - 1992-97</a>	✓
<a href="#">325i 24V (e36) - Bosch Motronic M3.1 - 1991-92</a>	✓
<a href="#">325i 24V Vanos (E36) - Bosch Motronic M3.1 - 1992-97</a>	✓
<a href="#">520i/525i 24V (e36) - Bosch Motoronic M3.1 - 1989-92</a>	✓
<a href="#">520i/525i 24V Vanos (e34) - Bosch Motronic M3.1 - 1992-96</a>	✓

<a href="#">316i/318i (E30) - Bosch Motronic M1.1/1.3 - 1988-93</a>	✓
<a href="#">320i (E30) - Bosch Motronic M1.1/1.3 - 1986-93</a>	✓
<a href="#">316i (E36) - Bosch Motronic M1.7.3 - 1995-00</a>	
<a href="#">318i (E36) - Bosch motronic M1.7.3 - 1995-99</a>	
<a href="#">745i - Motronic -</a>	

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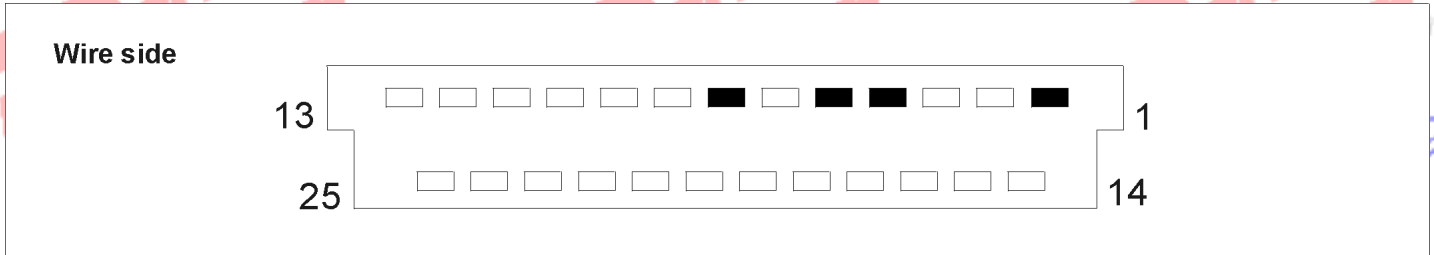
## Perfect Power Wiring Diagram



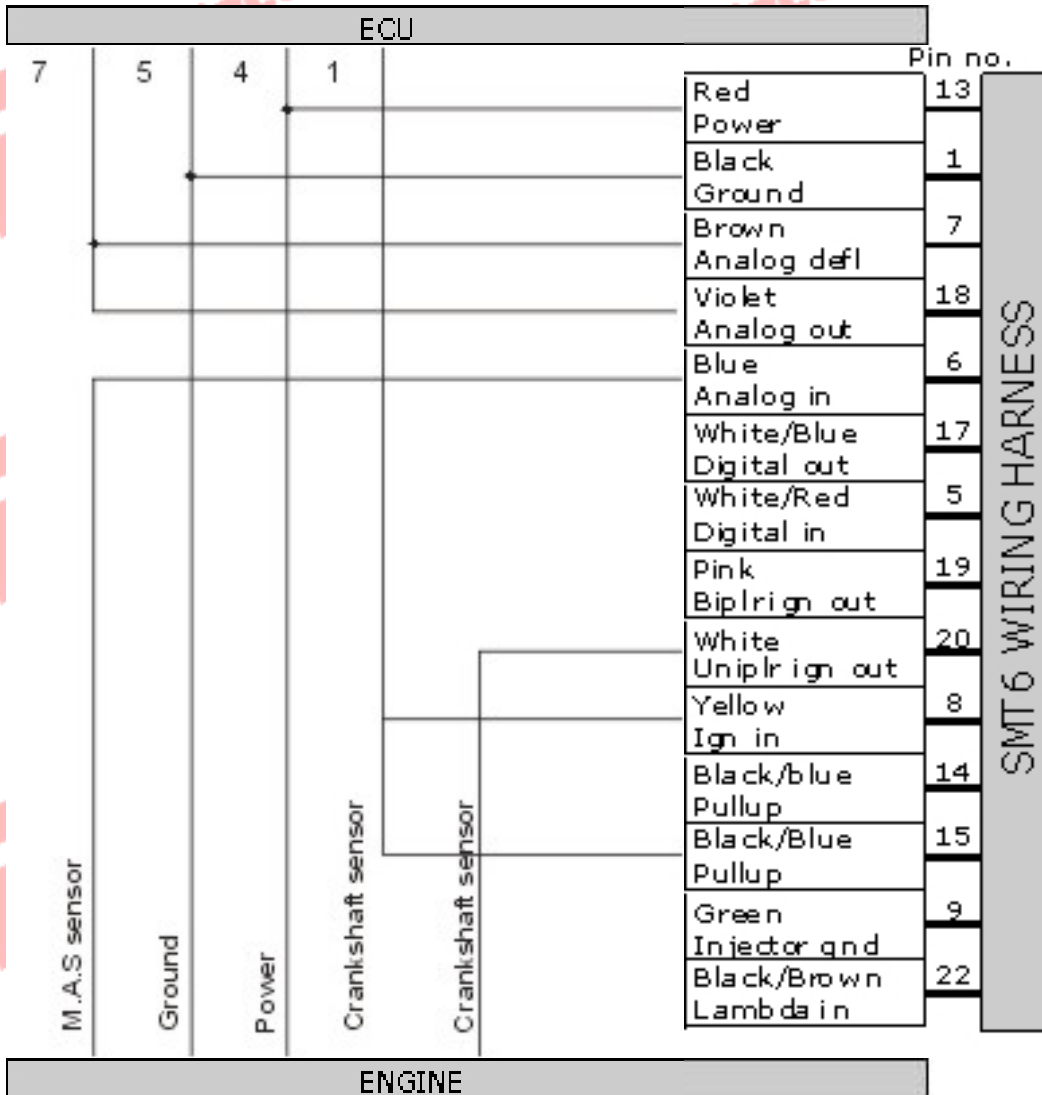
ECU make: Bosch Motronic Le - Jettronic      Vehicle make: BMW  
 Model: 318,323, 325 (E30)  
 Year: 1987-89  
 Comments:  
 ECU Location:

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 2
- Teeth per firing 1
- Modes 10
- System Config
- Positive input pol ON
- Positive output pol ON
- Low level input OFF
- High frequency OFF
- Interlaced OFF
- One missing tooth OFF
- Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

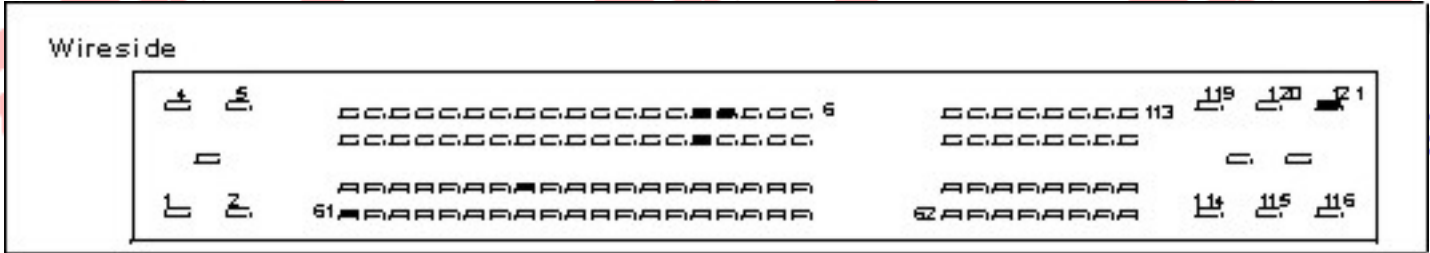


ECU make:  
 Model: Mini  
 Year: 2003  
 Comments:  
 ECU Location:

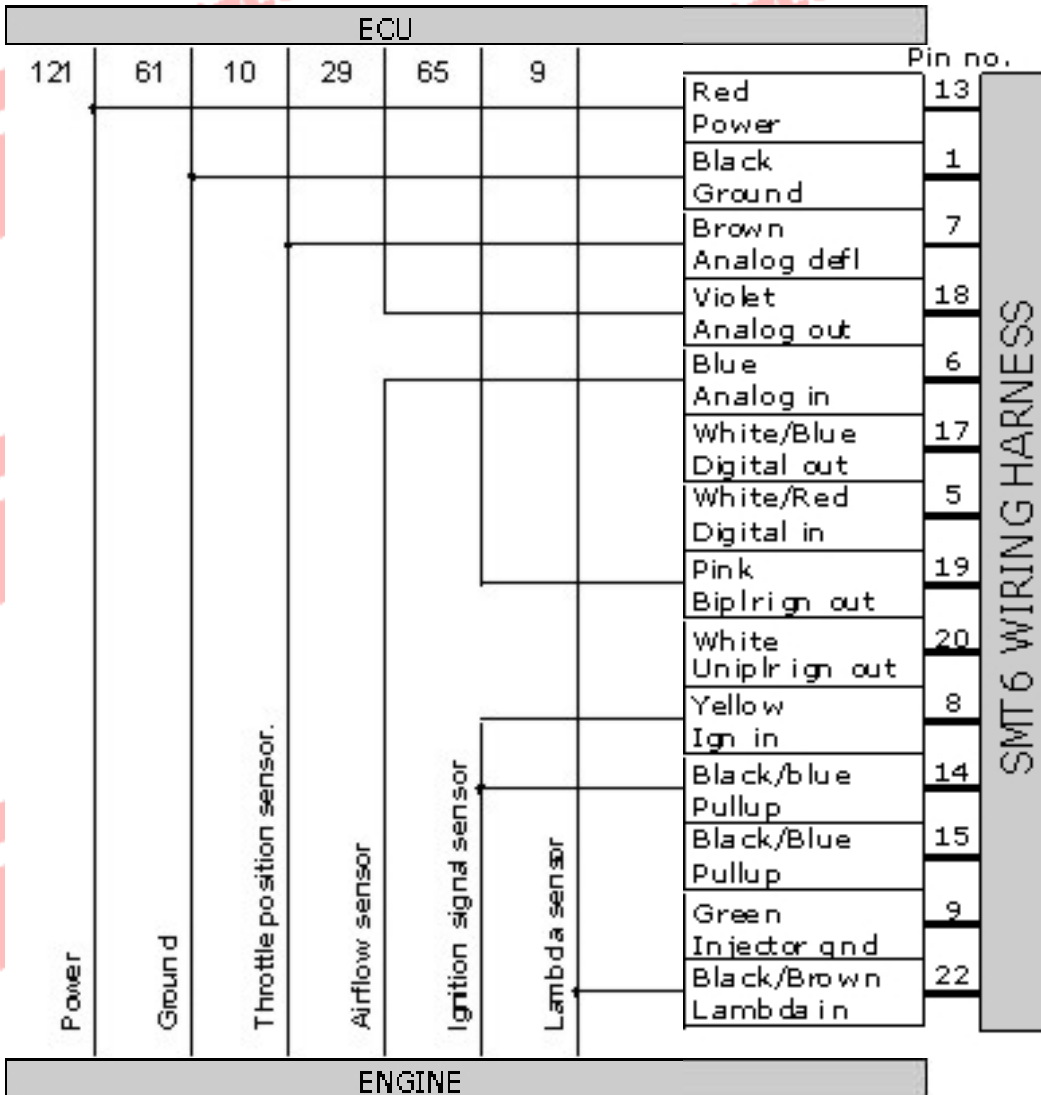
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
- Positive input pol ON
- Positive output pol ON
- Low level input ON
- Interlaced OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

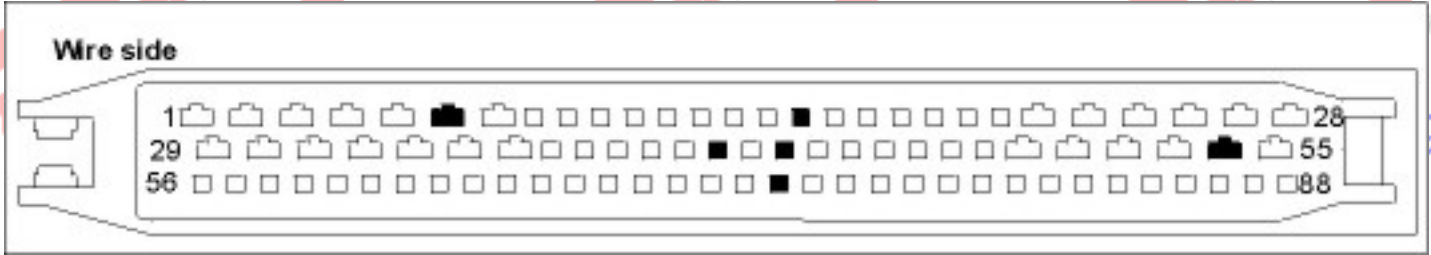


ECU make: Bosch Motronic M3.1  
 Model: e520i  
 Year: 1992-96  
 Comments: Not sure of crank pickup feedback appreciated  
 ECU Location:

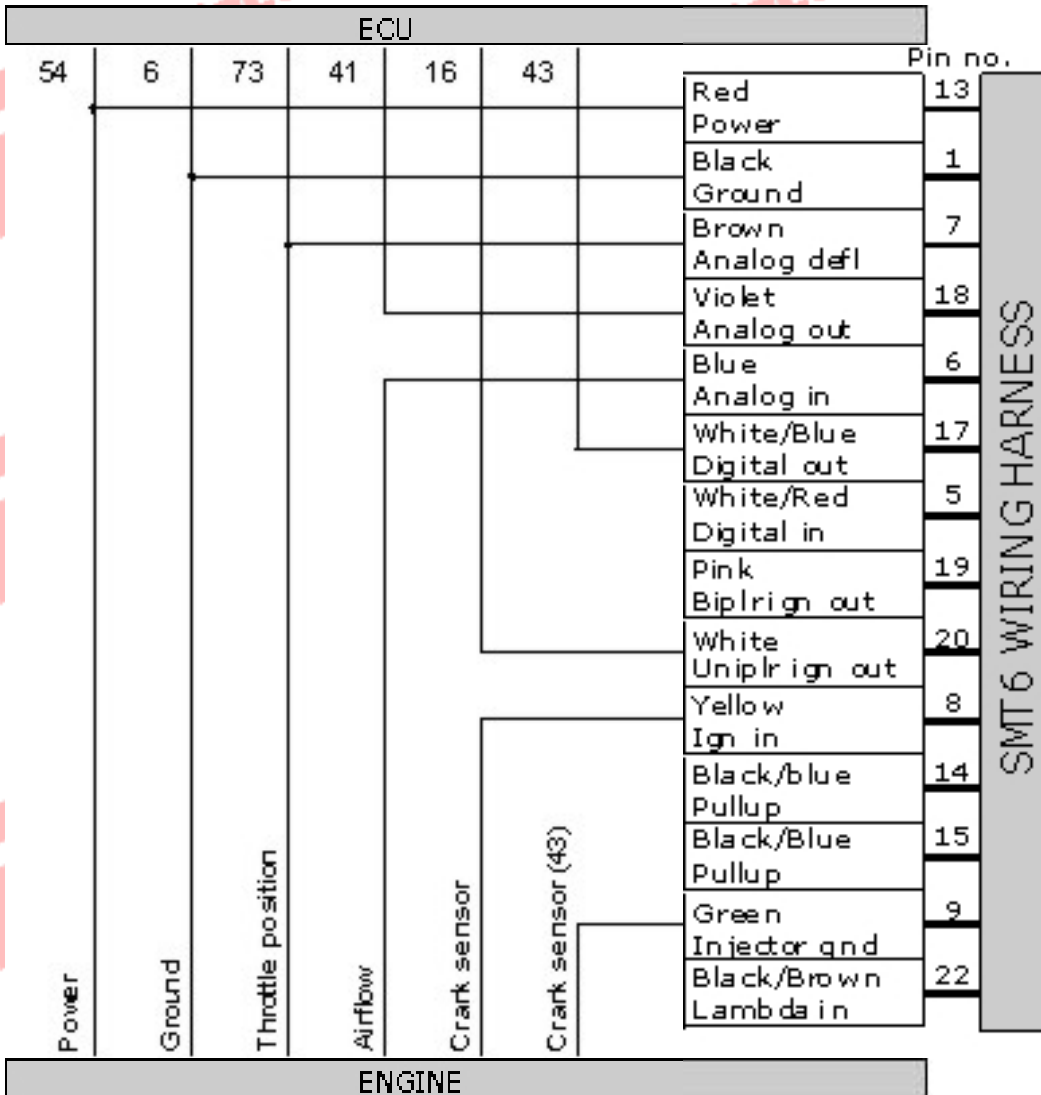
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

Cylinders 4  
 Teeth per turn(incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
 Positive input pol ON  
 Positive output pol ON  
 Low level input ON

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

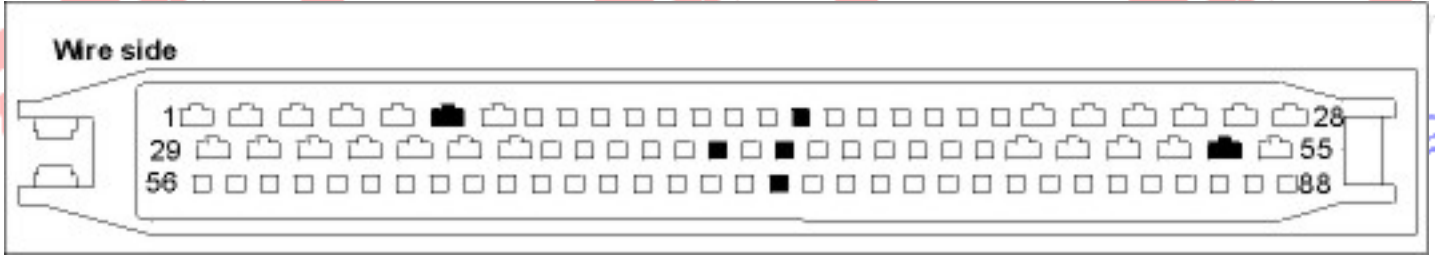


ECU make: Bosch Motronic M3.1  
 Model: 525i  
 Year: 1992-96  
 Comments: Not sure of crank pickup feedback appreciated  
 ECU Location: \_\_\_\_\_

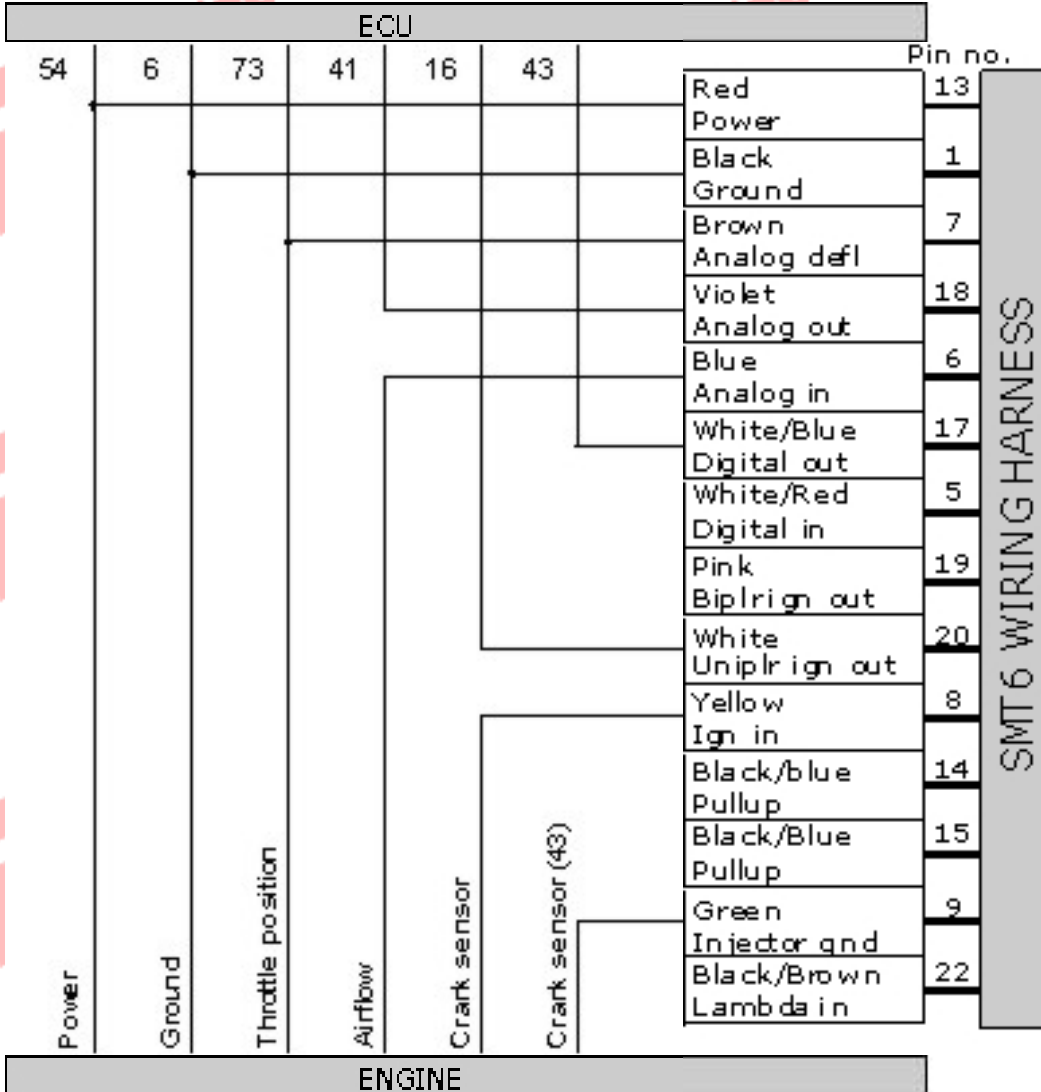
Vehicle make: BMW

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## ECU Pin Out



## Wiring Diagram



## Global Settings

Cylinders 4  
 Teeth per turn(incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
 Positive input pol ON  
 Positive output pol ON  
 Low level input ON

Click [here](#) for an explanation on how to use the global settings.



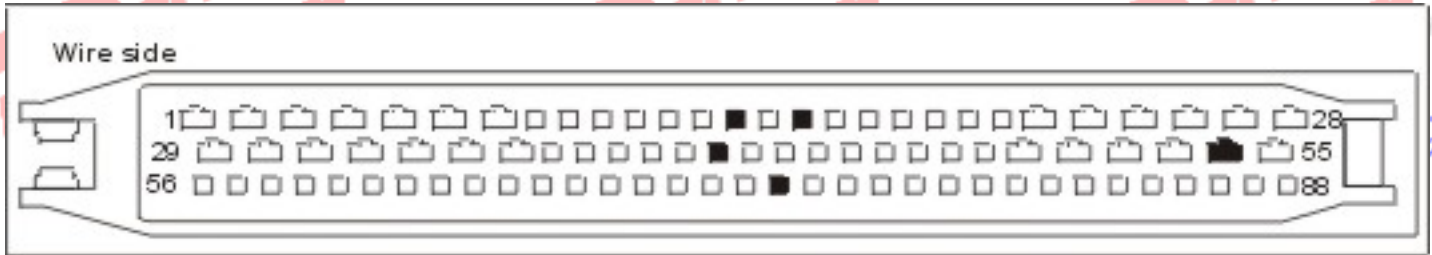
## Perfect Power Wiring Diagram



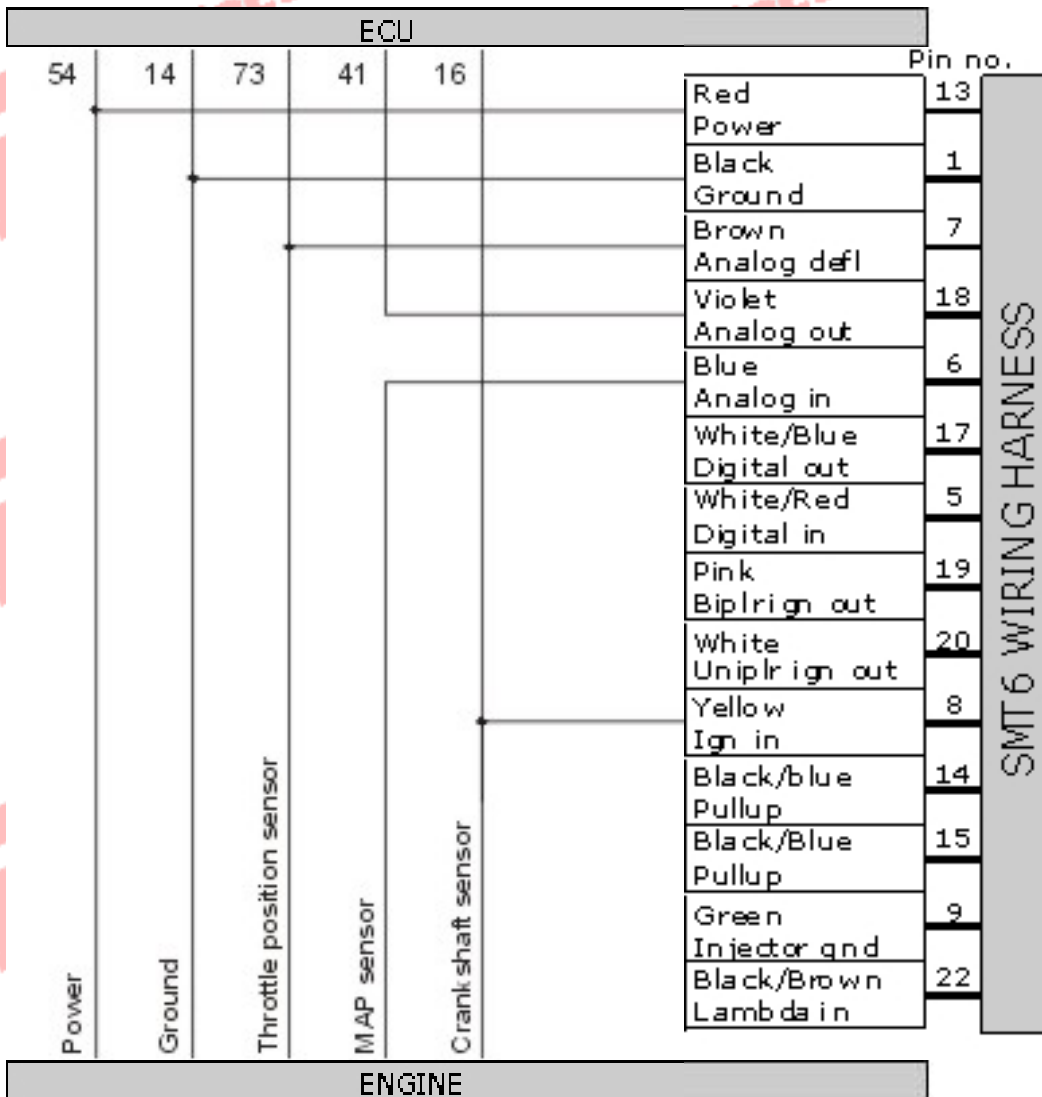
ECU make: Bosch Motronic 3.1      Vehicle make: BMW  
 Model: M3 3.2 double vanos (E36) (S50 B32)  
 Year: 1997  
 Comments: Fuel only, see other diagram for ignition mod's  
 ECU Location: Engine bay behind fuse box

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### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders	6
Teeth per turn (incl miss)	60
Teeth per firing	20
Modes	1
System Config	
Positive input pol	ON
Positive output pol	ON
Low level input	ON
High frequency	OFF
Interlaced	OFF
One missing tooth	OFF
Lambda Input	OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

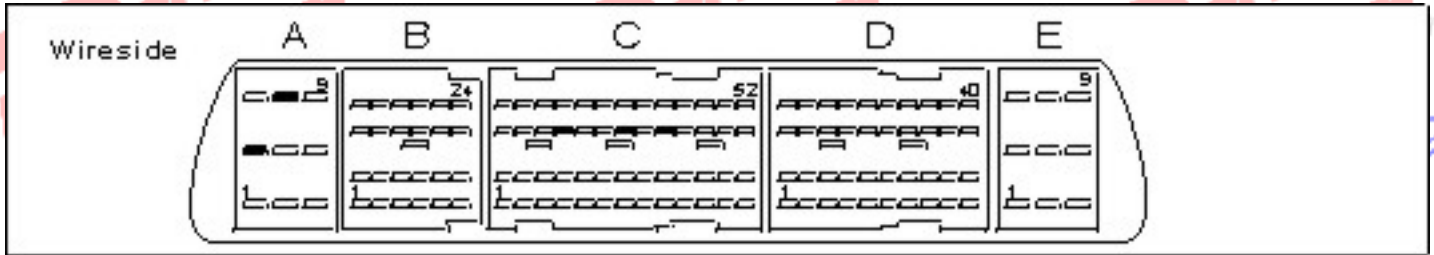


ECU make: Bosch BMS 46  
 Model: 316i (e46) (194E1)  
 Year: 1999-02  
 Comments:  
 ECU Location:

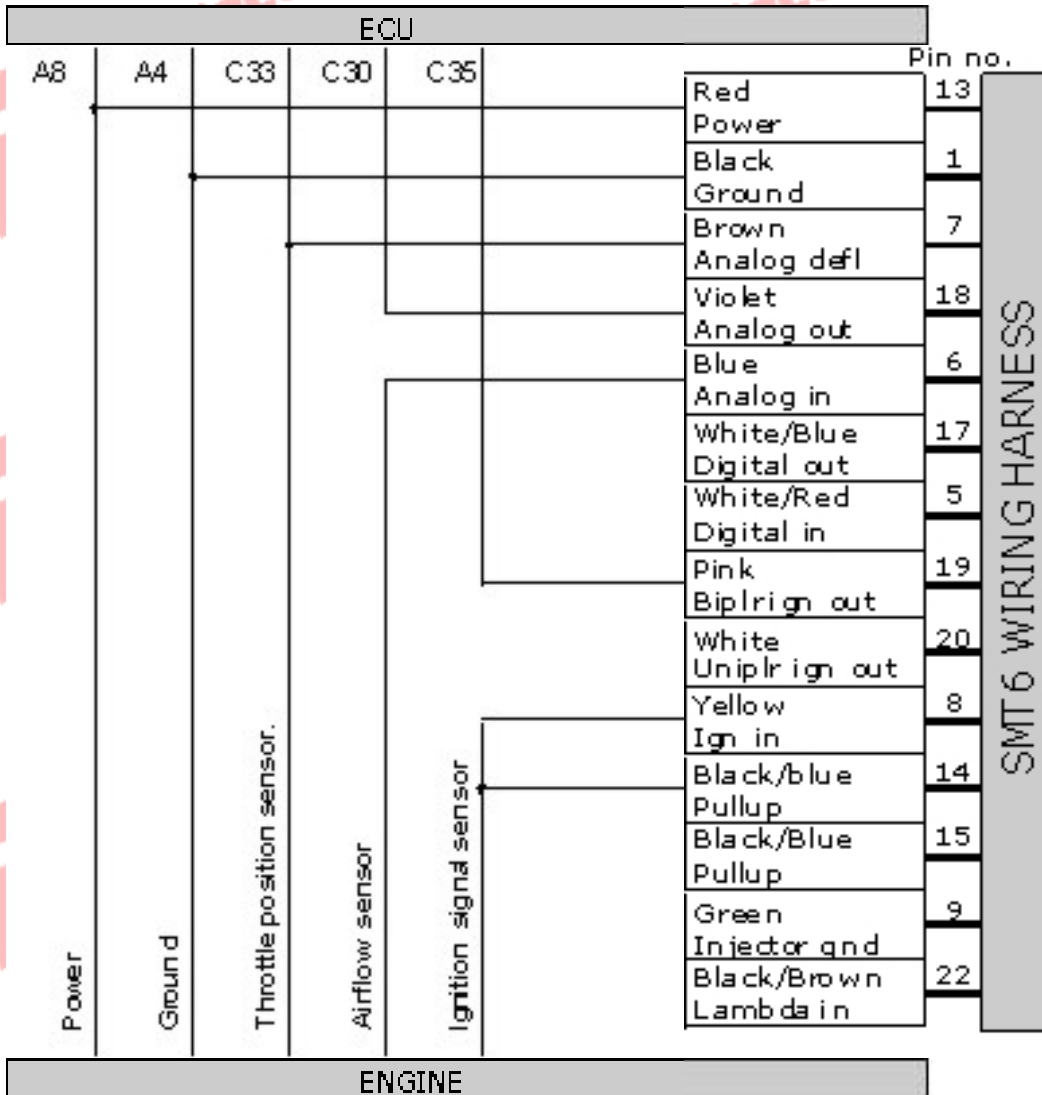
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
 Positive input pol ON  
 Positive output pol ON  
 Low level input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

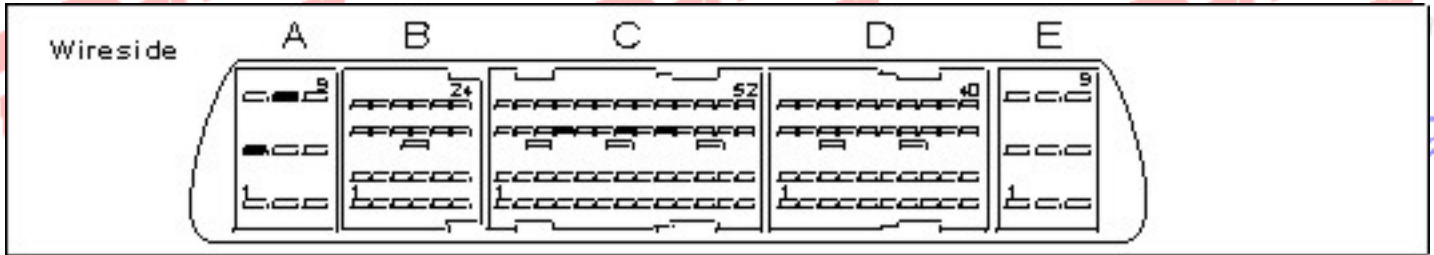


ECU make: Bosch BMS 46  
 Model: 316i Compact (e36) (194E1)  
 Year: 1998-02  
 Comments:  
 ECU Location:

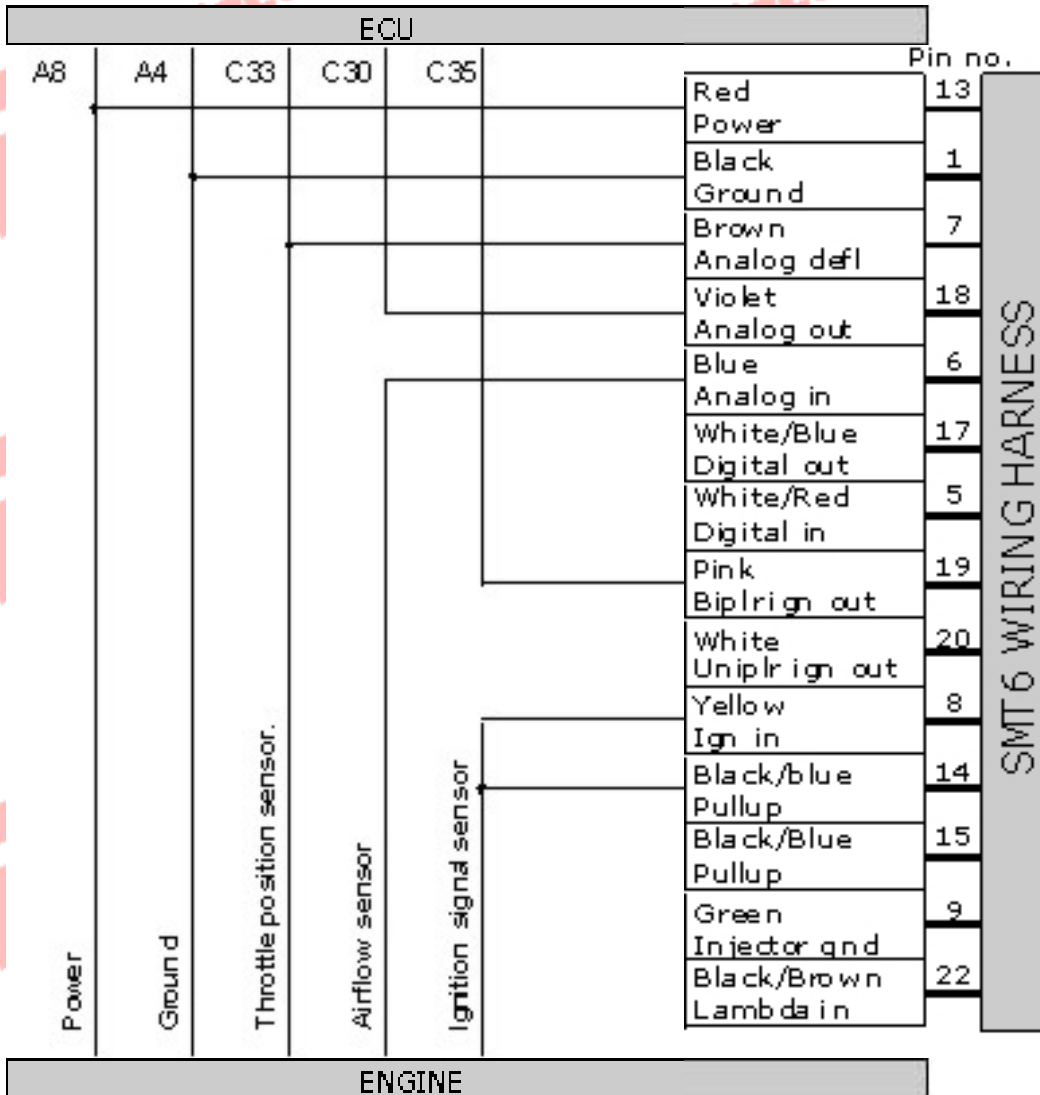
Vehicle make: BMW

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### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
   Positive input pol ON  
   Positive output pol ON  
   Low level input OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

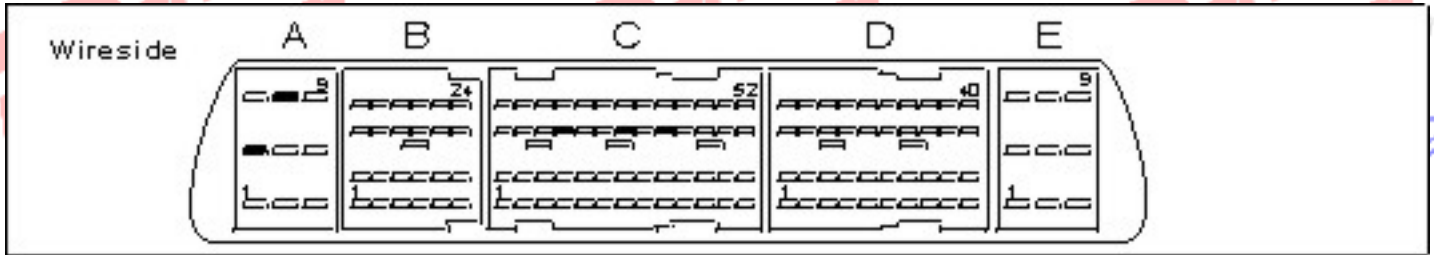


ECU make: Bosch BMS 46  
 Model: 318i (E46) (194E1)  
 Year: 1998-02  
 Comments:  
 ECU Location:

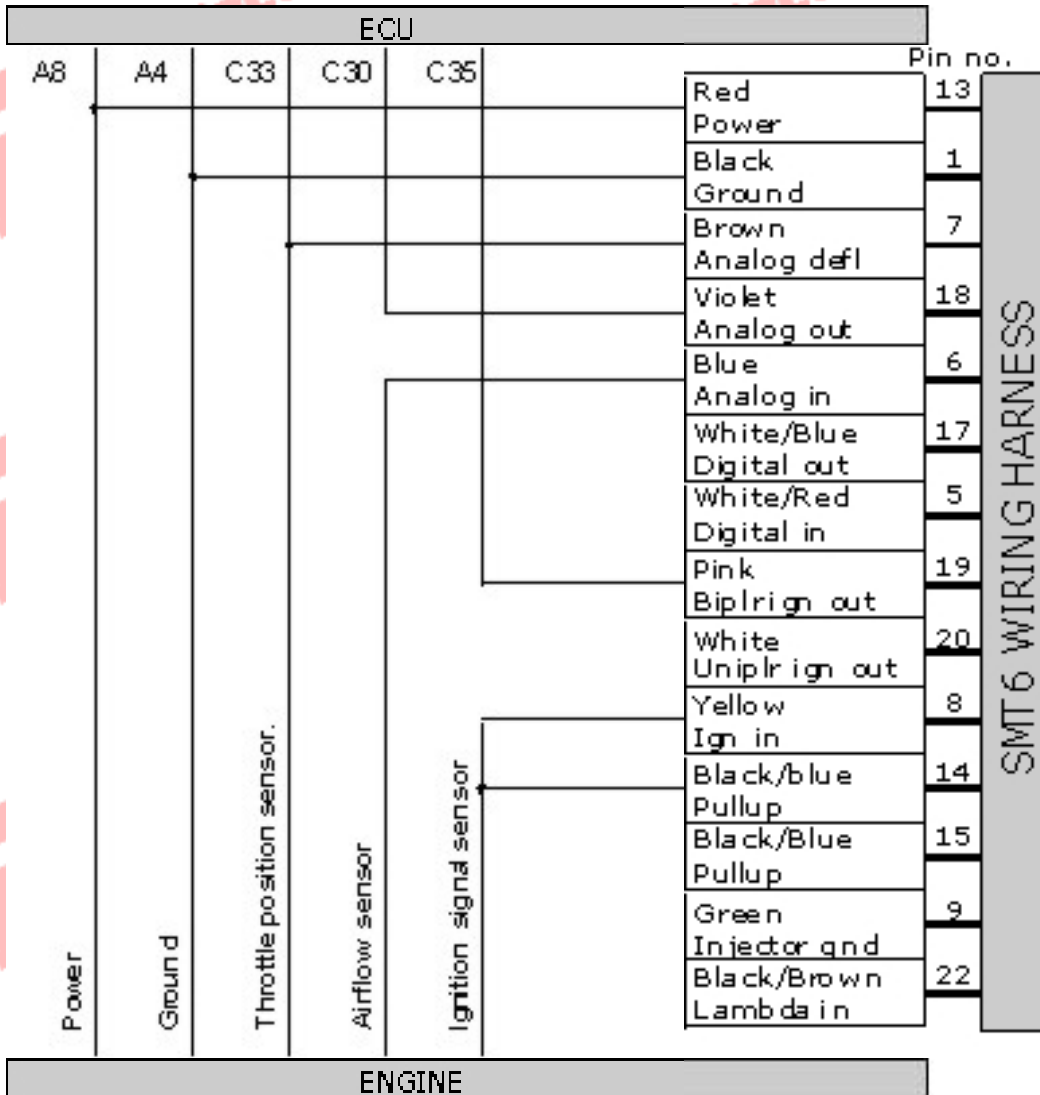
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
 Positive input pol ON  
 Positive output pol ON

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

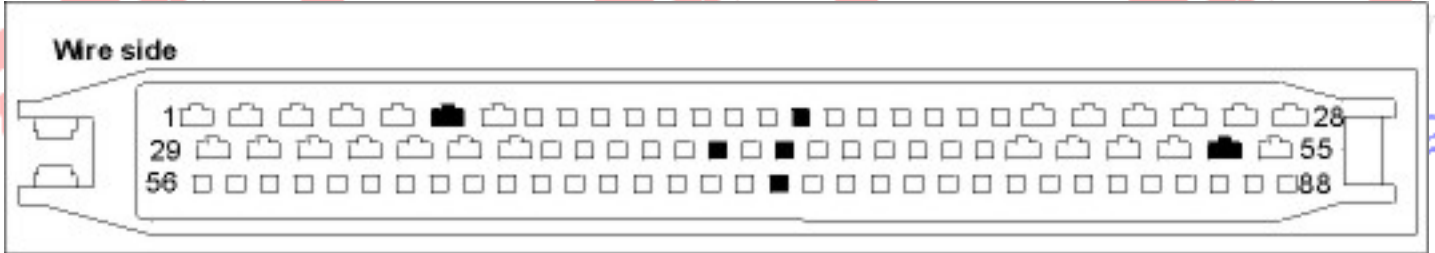


ECU make: Bosch Motronic M3.1  
 Model: 320i  
 Year: 1992-1997  
 Comments: Not sure of crank pickup feedback appreciated  
 ECU Location:

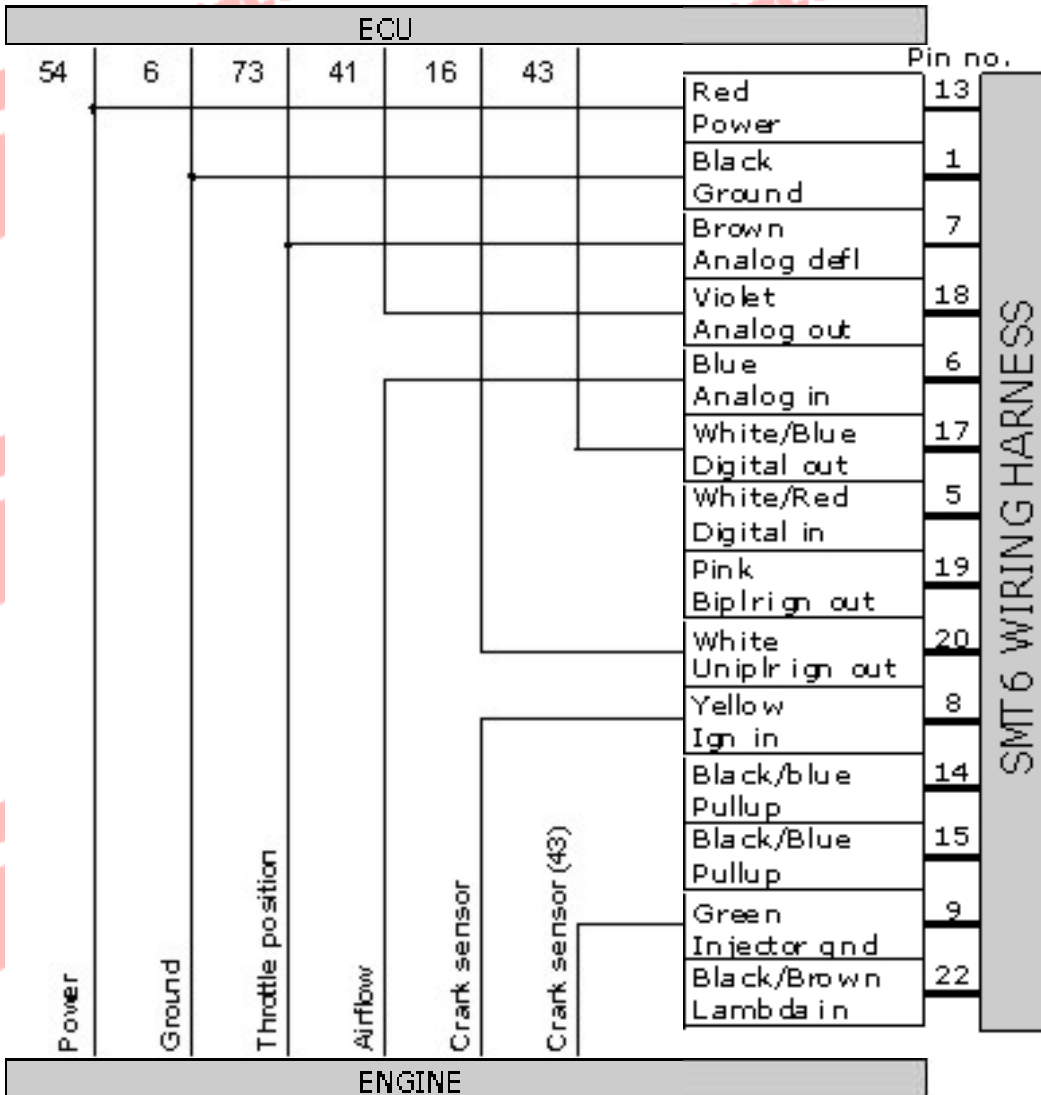
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
 Positive input pol ON  
 Positive output pol ON  
 Low level input ON

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

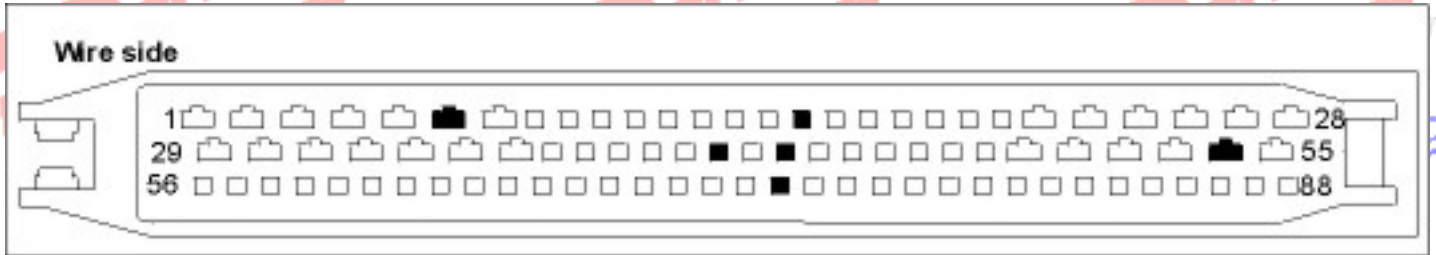


ECU make: Bosch Motronic M3.1  
 Model: 325i  
 Year: 1992-96  
 Comments: Not sure of crank pickup feedback appreciated  
 ECU Location:

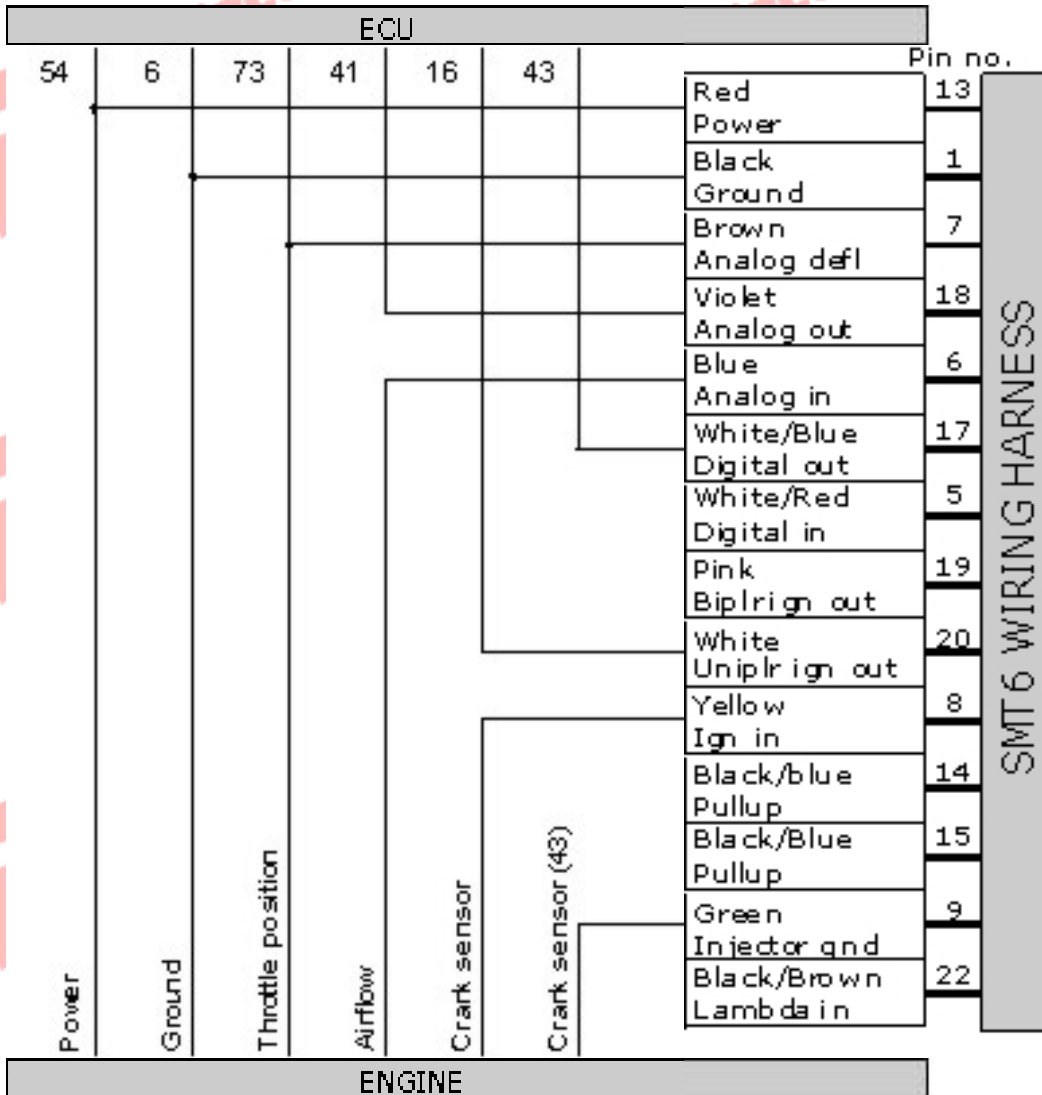
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

Cylinders 6  
 Teeth per turn(incl miss) 60  
 Teeth per firing 20  
 Modes 1  
 System Config  
 Positive input pol ON  
 Positive output pol ON  
 Low level input ON

Click [here](#) for an explanation on how to use the global settings.

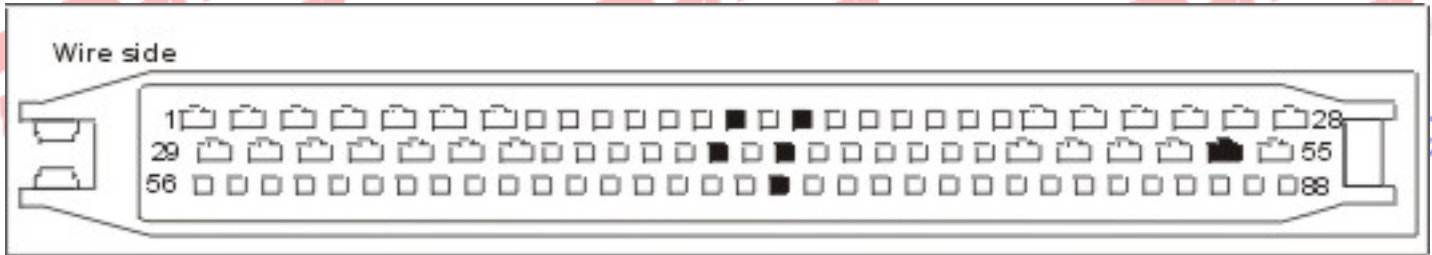
## Perfect Power Wiring Diagram



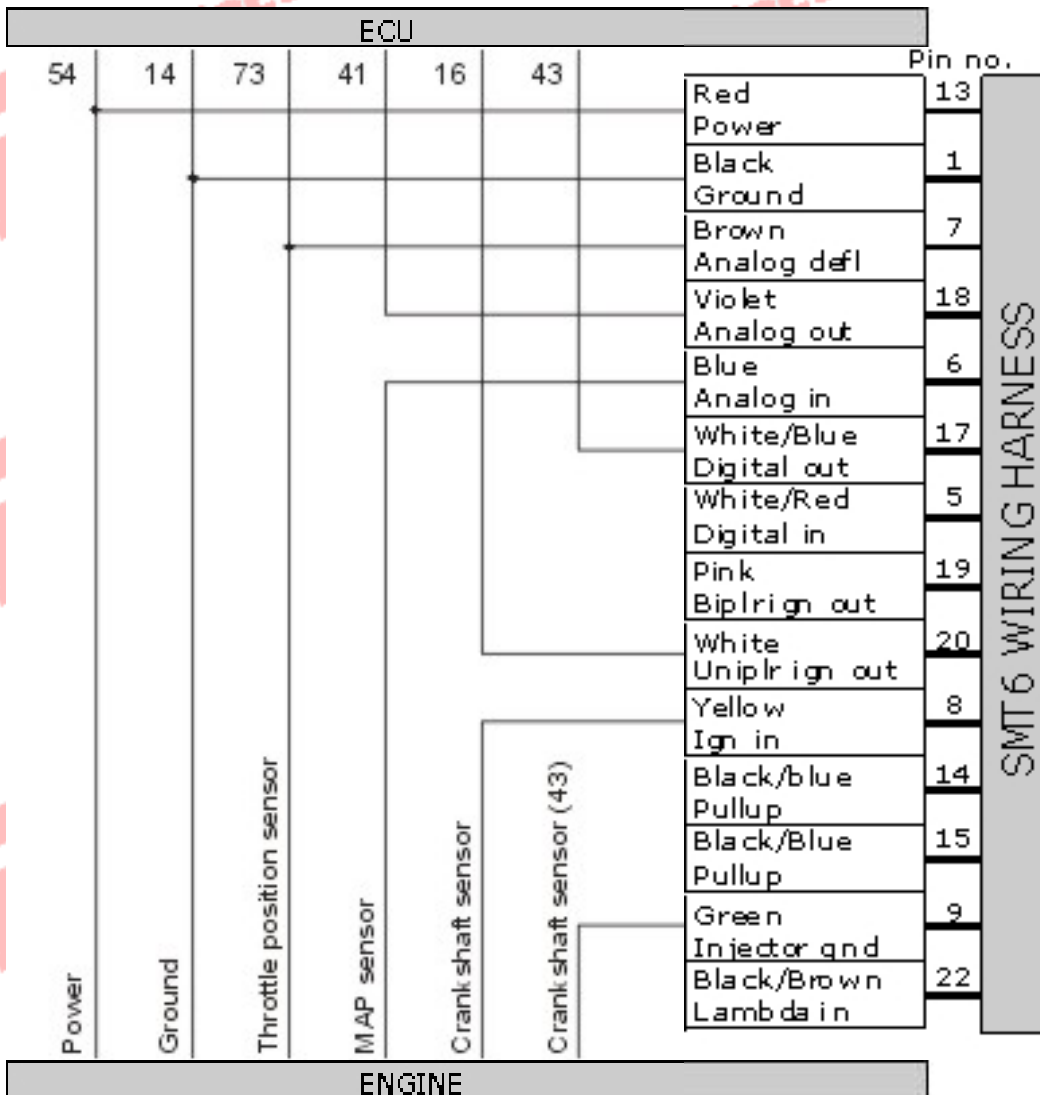
**ECU make:** Bosch motronic 3.1      **Vehicle make:** BMW  
**Model:** M3 3.2 Double Vanos (E36) (S50 B32)  
**Year:** 1997  
**Comments:**  
**ECU Location:** Engine bay behind fuse box

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders	6
Teeth per turn (incl miss)	60
Teeth per firing	20
Modes	1
System Config	
Positive input pol	ON
Positive output pol	ON
Low level input	ON
High frequency	OFF
Interlaced	OFF
One missing tooth	OFF
Lambda Input	OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

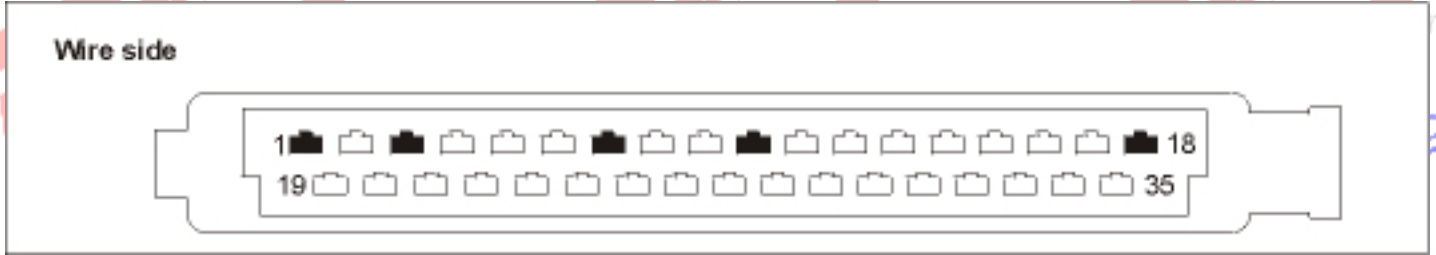


ECU make: Motronic  
 Model: 325  
 Year: 1982-88  
 Comments:  
 ECU Location: Glove box

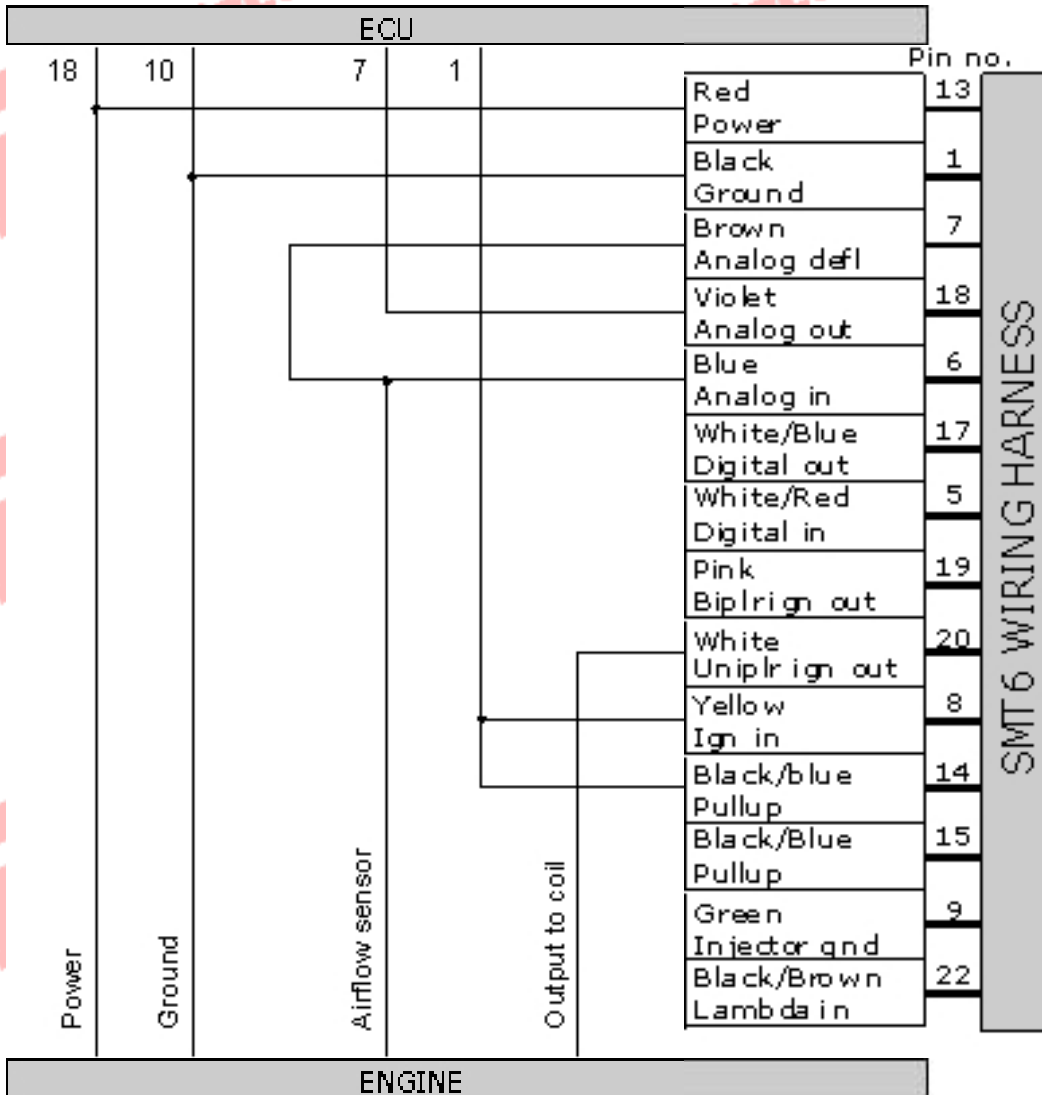
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 2
- Teeth per firing 1
- Modes 10
- System Config
- Positive input pol ON
- Positive output pol ON
- Low level input OFF
- Interlaced OFF

Click [here](#) for an explanation on how to use the global settings.

The above Global Settings are additions to the Default SMT6 Map. Disclaimer: Please note that as a result of the ECU pin out variations for this vehicle worldwide, this Wiring Diagram is to be used as a guideline only. Digital Technology will not be held responsible in any way for incorrect wiring information contained hereon.



# Perfect Power Wiring Diagram

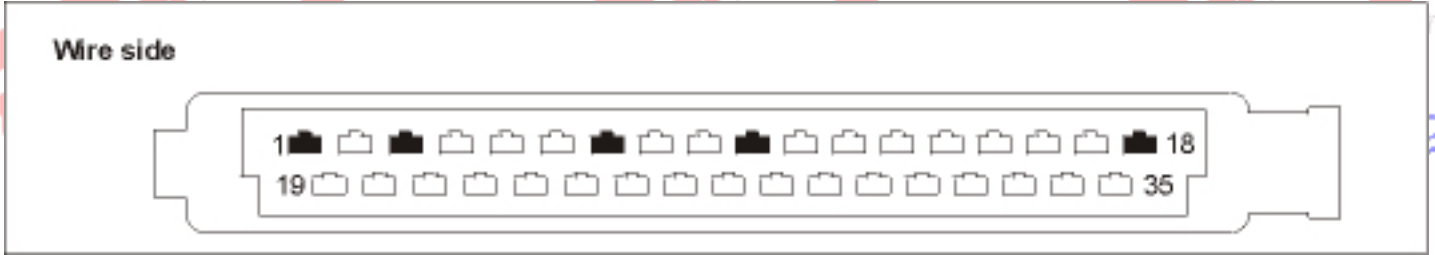


ECU make: Motronic  
 Model: 325e  
 Year: 1982-88  
 Comments:  
 ECU Location: Glove box

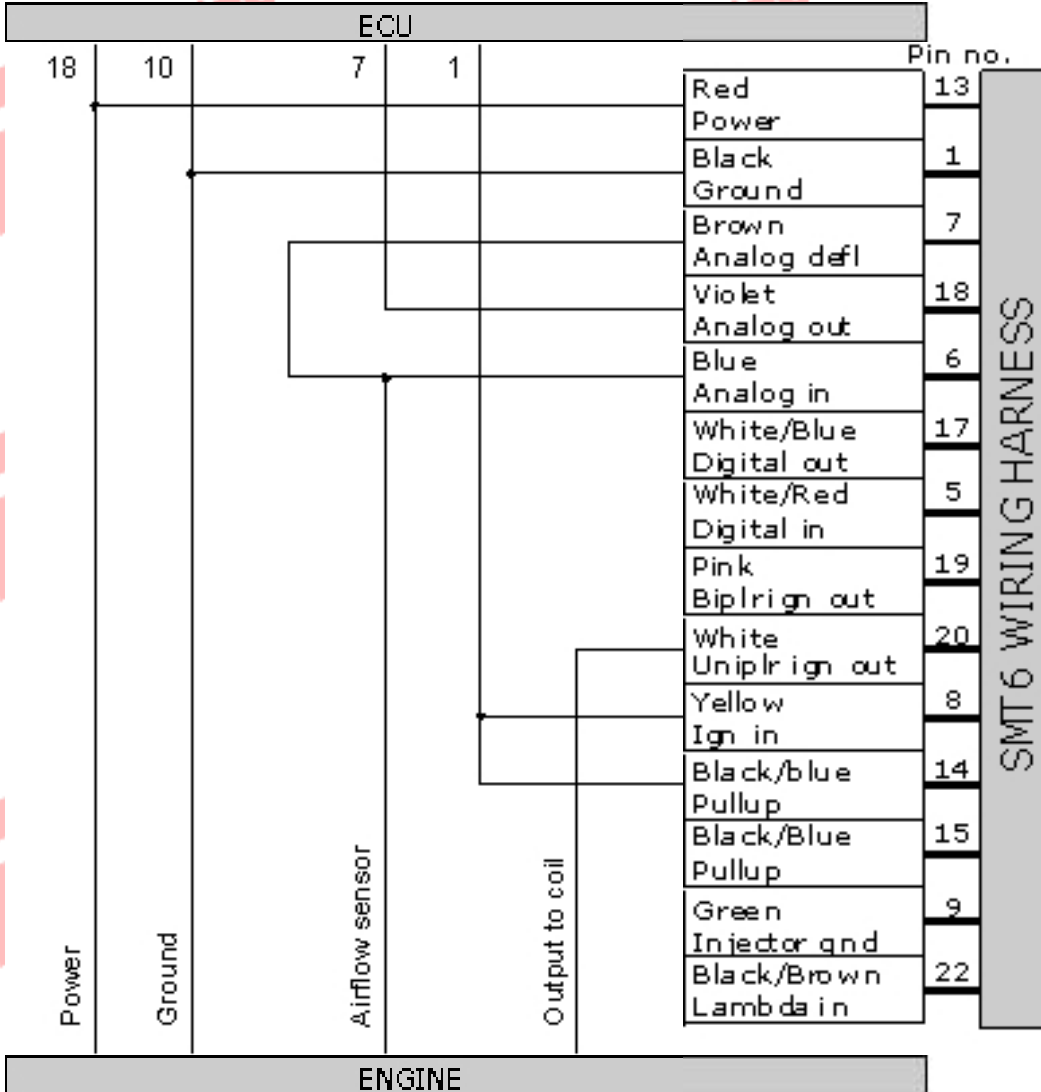
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 2
- Teeth per firing 1
- Modes 10
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Interlaced OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

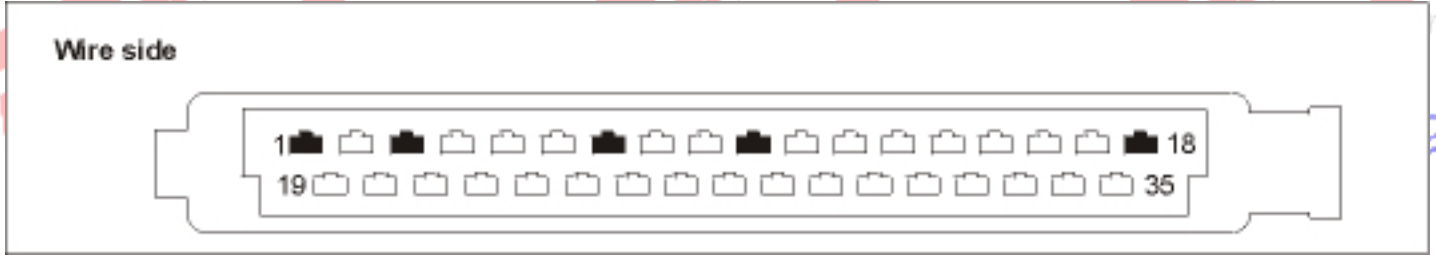


ECU make: Motronic  
 Model: 528e  
 Year: 1982-88  
 Comments:  
 ECU Location: Glove box

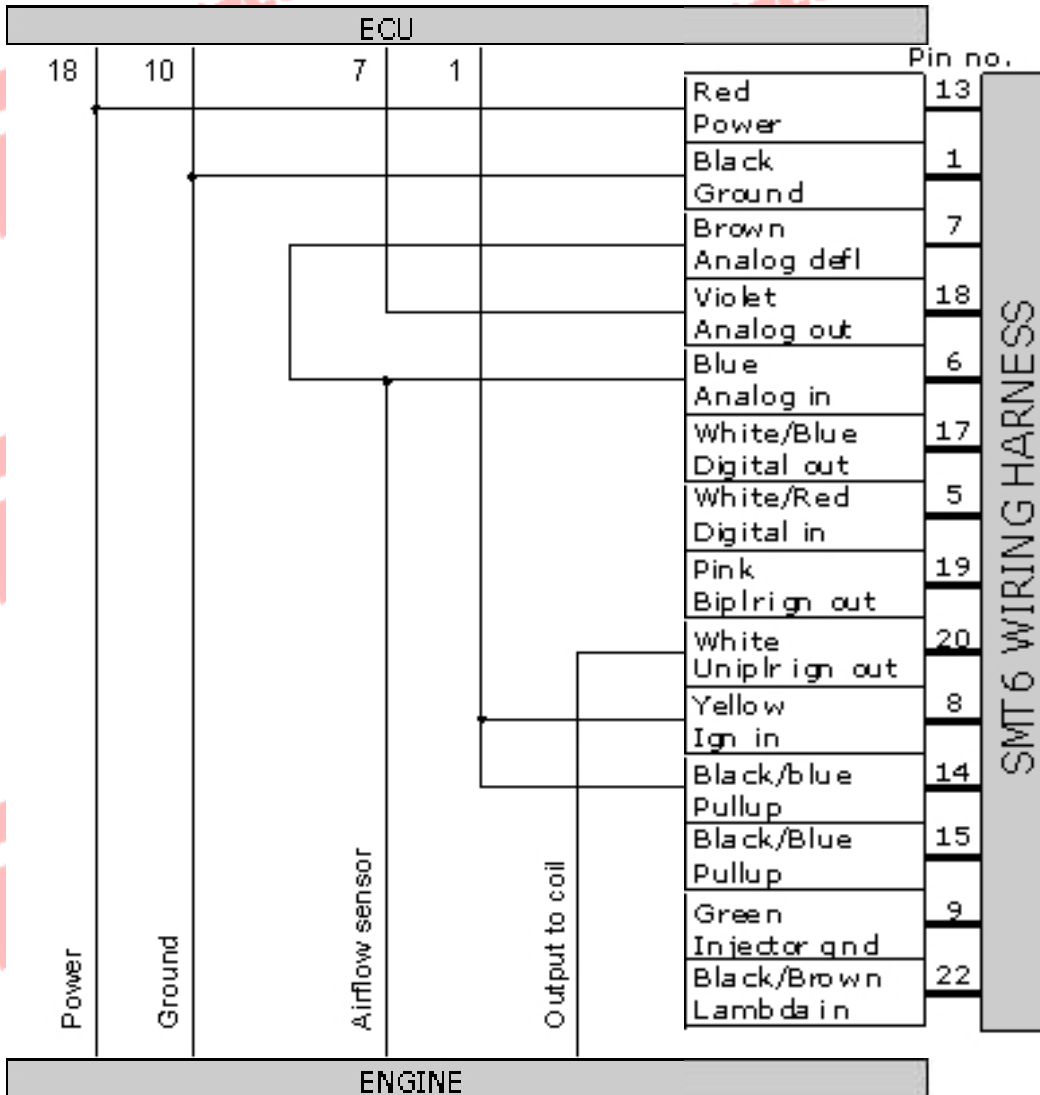
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 2
- Teeth per firing 1
- Modes 10
- System Config
- Positive input pol ON
- Positive output pol ON
- Interlaced OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

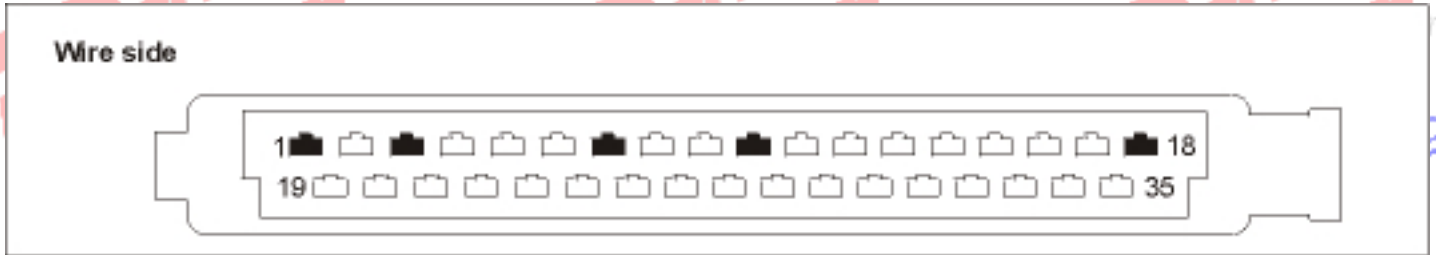


ECU make: Motronic  
 Model: 533i  
 Year: 1982-88  
 Comments:  
 ECU Location: Glove box

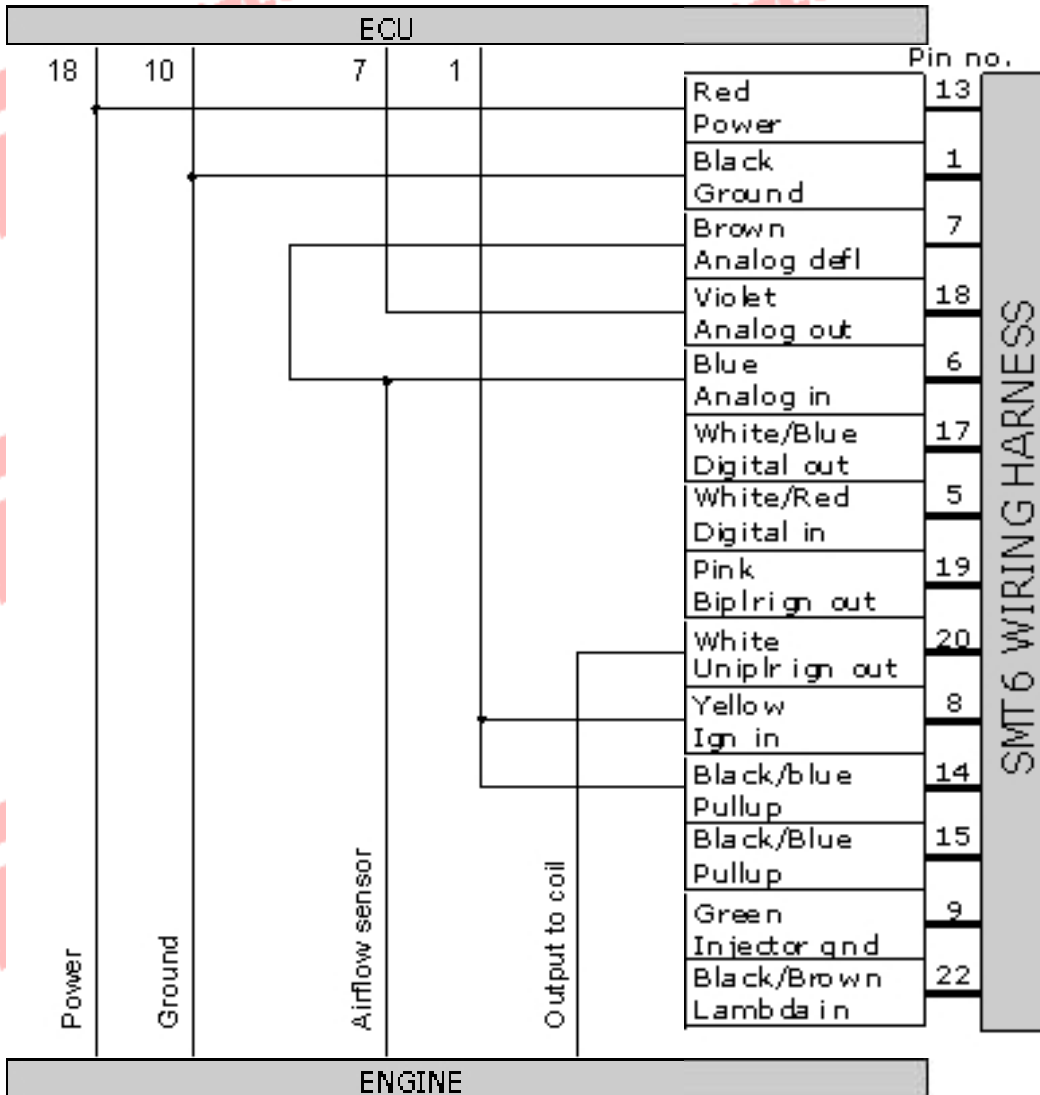
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 2
- Teeth per firing 1
- Modes 10
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Interlaced OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

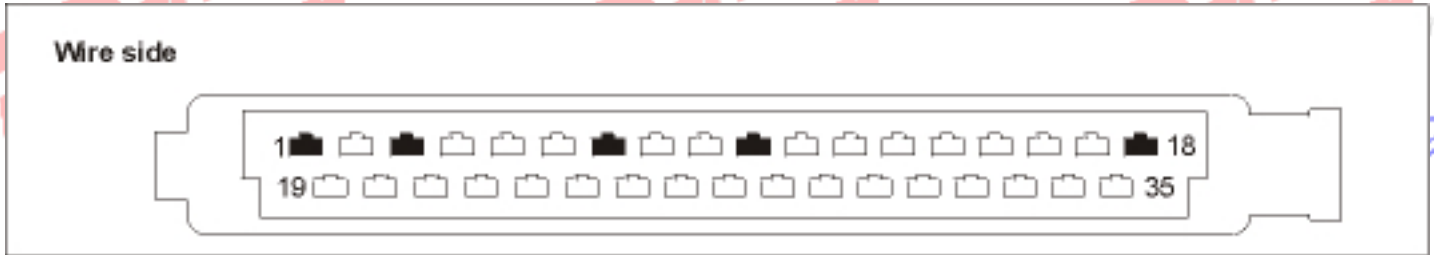


ECU make: Motronic  
 Model: 535i  
 Year: 1982-88  
 Comments:  
 ECU Location: Glove box

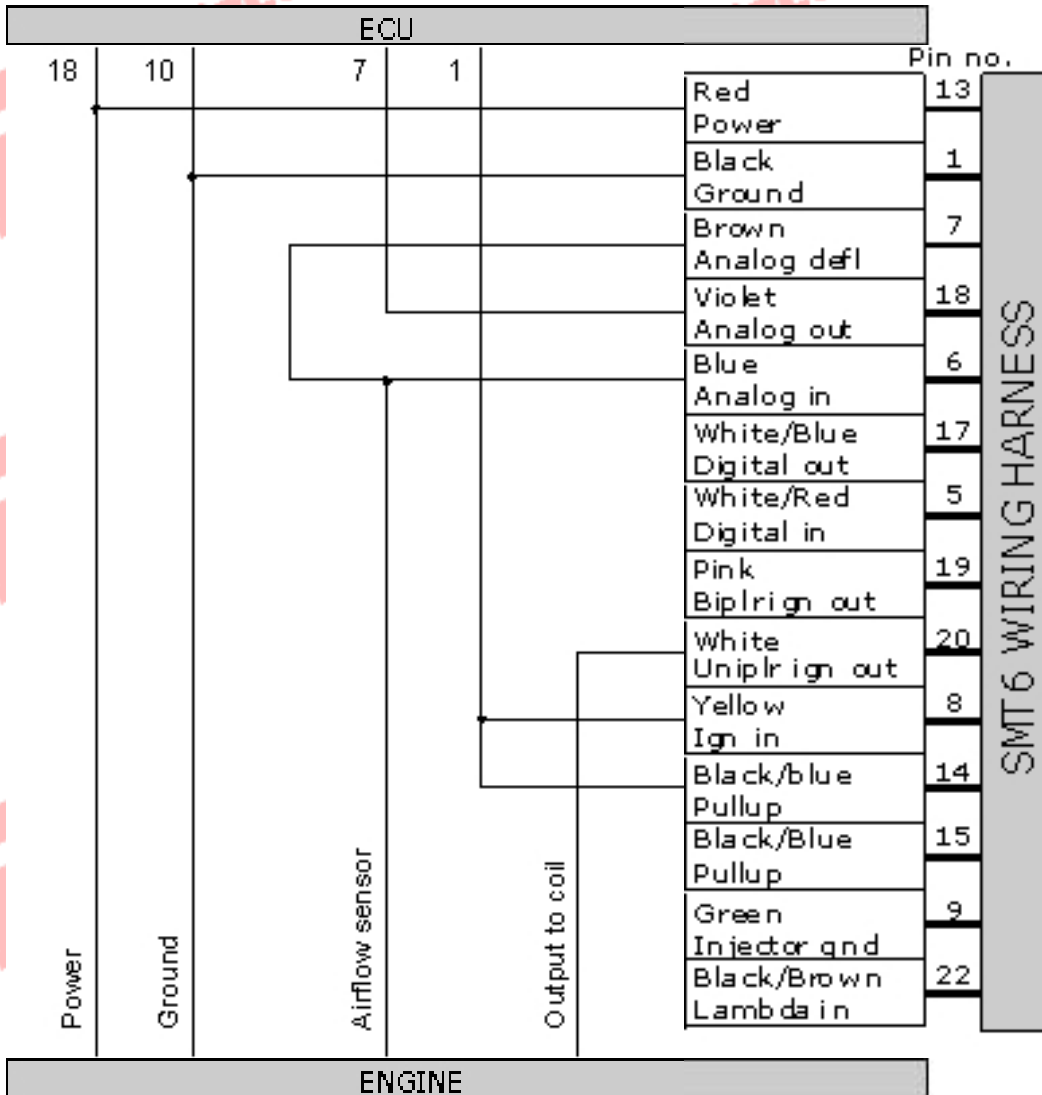
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 2
- Teeth per firing 1
- Modes 10
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Interlaced OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

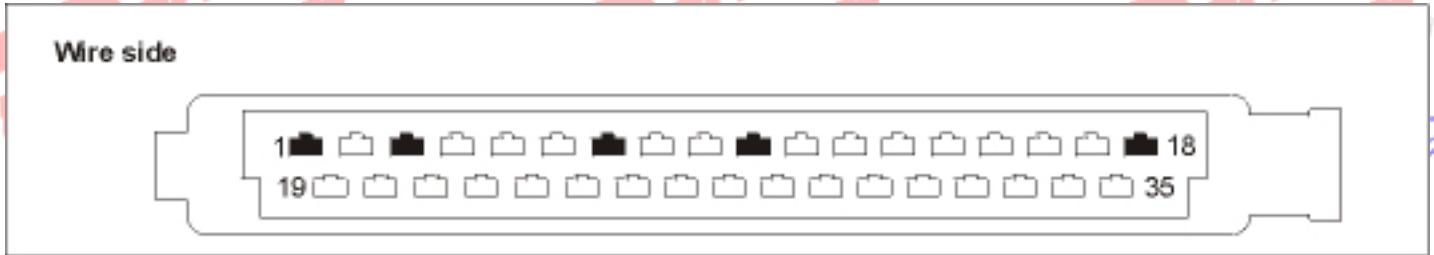


ECU make: Motronic  
 Model: 535iS  
 Year: 1982-88  
 Comments:  
 ECU Location: Glove box

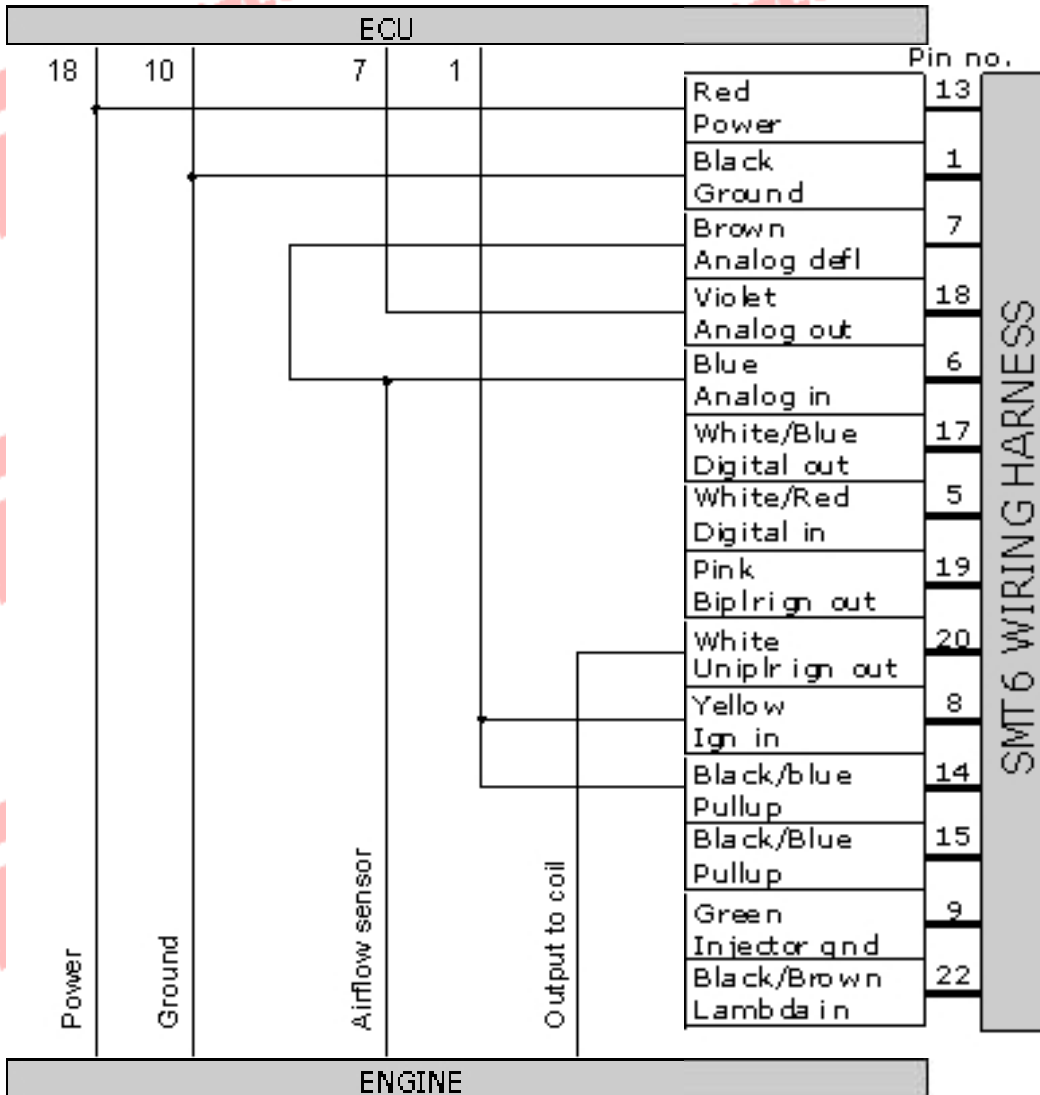
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 2  
 Teeth per firing 1  
 Modes 10  
 System Config  
 Positive input pol ON  
 Positive output pol ON  
 Interlaced OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

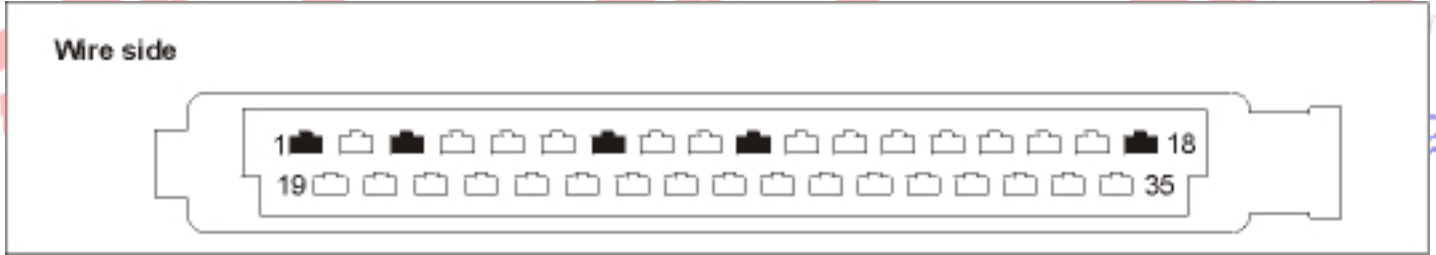


ECU make: Motronic  
 Model: 635Si  
 Year: 1982-88  
 Comments:  
 ECU Location: Glove box

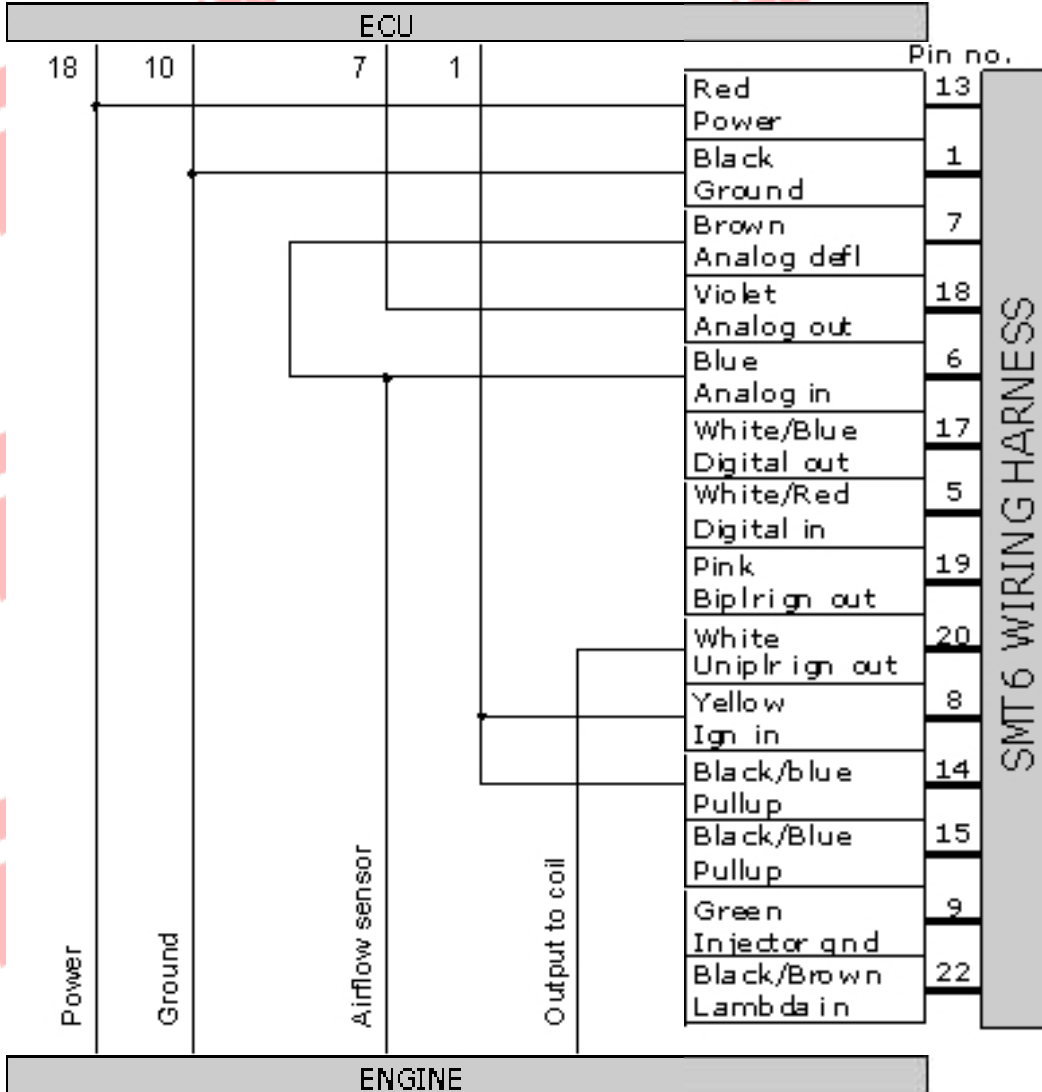
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 2
- Teeth per firing 1
- Modes 10
- System Config
- Positive input pol ON
- Positive output pol ON
- Interlaced OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

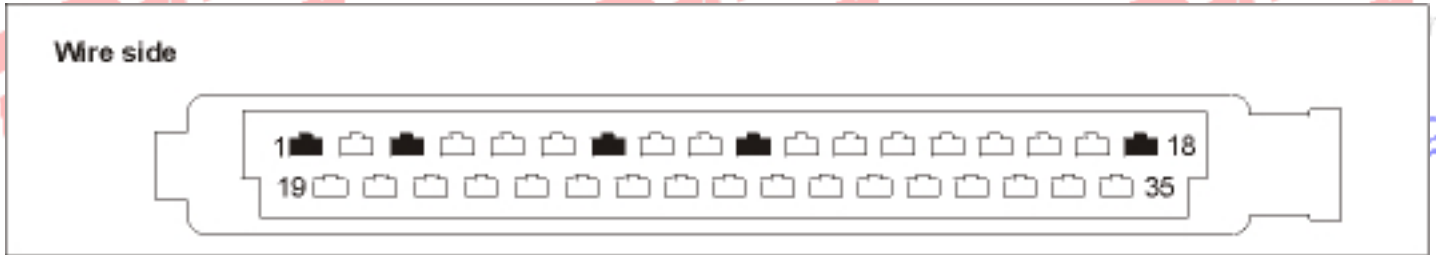


ECU make: Motronic  
 Model: 635CSi  
 Year: 1982-88  
 Comments:  
 ECU Location: Glove box

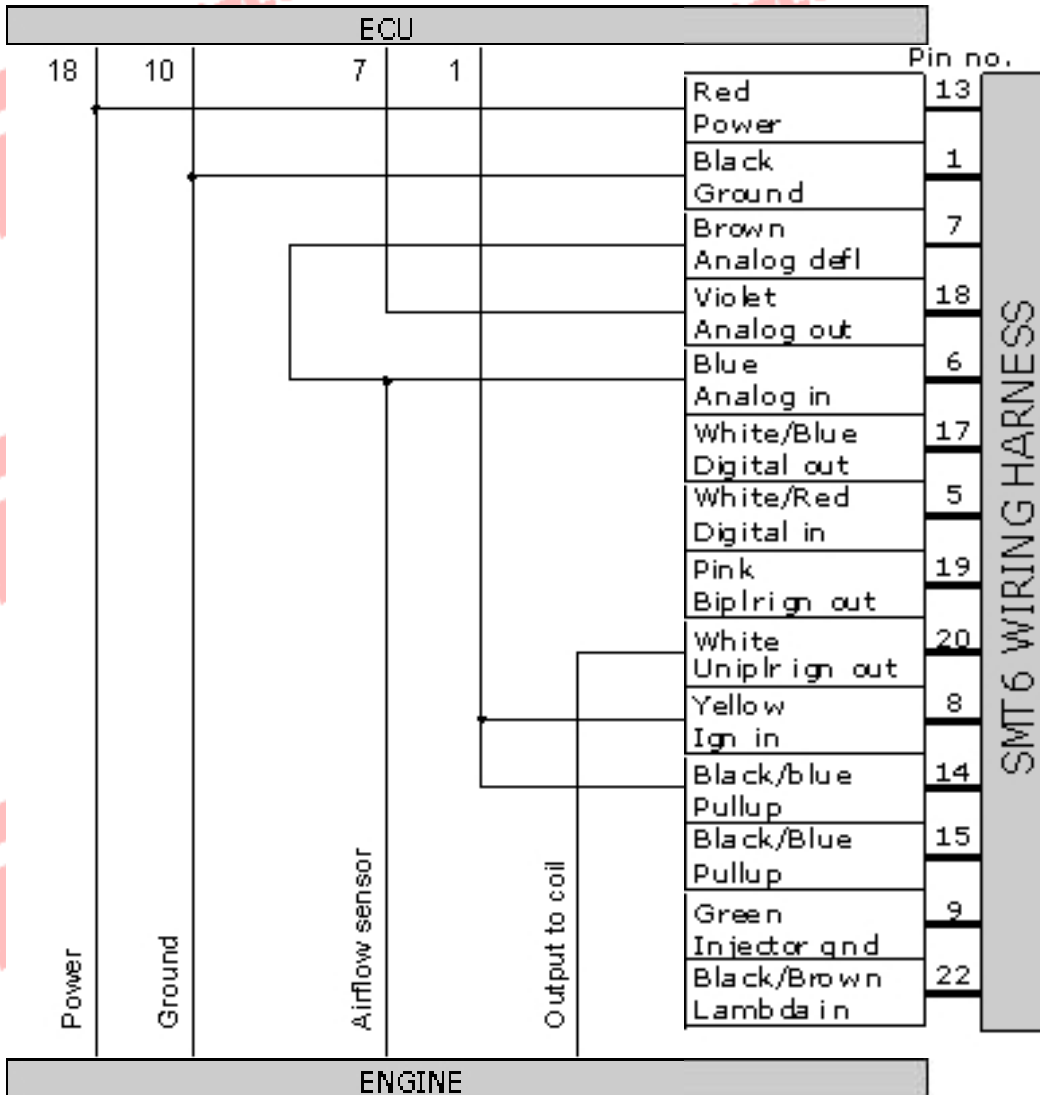
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 2  
 Teeth per firing 1  
 Modes 10  
 System Config  
 Positive input pol ON  
 Positive output pol ON  
 Interlaced OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

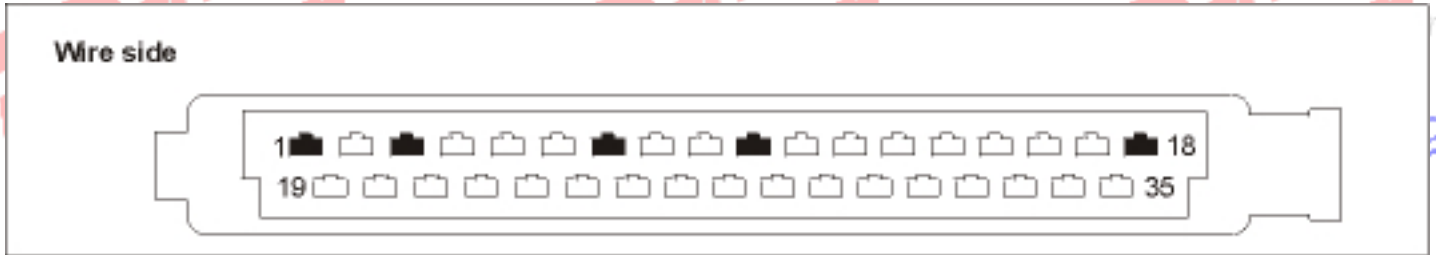


ECU make: Motronic  
 Model: 733i  
 Year: 1982-88  
 Comments:  
 ECU Location: Glove box

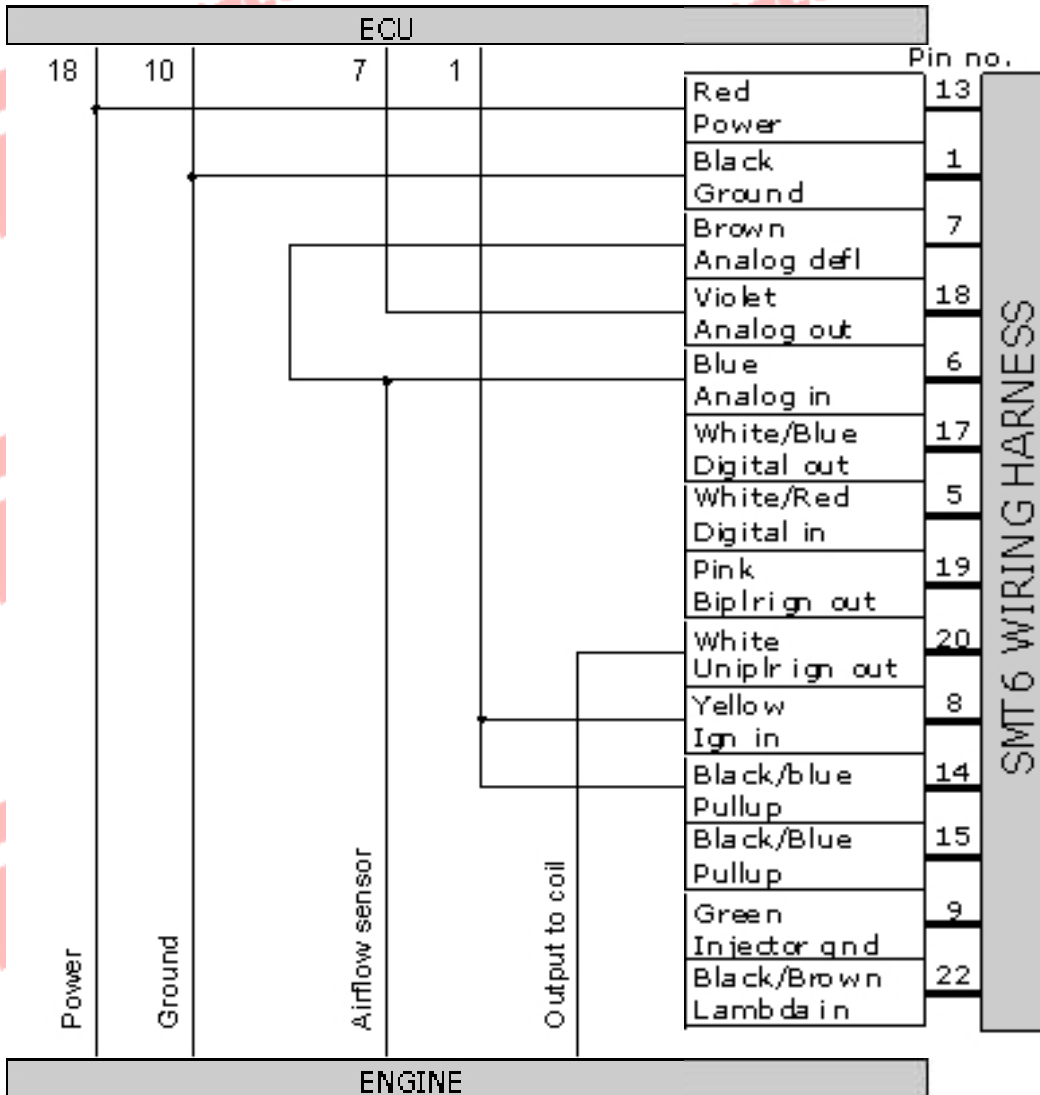
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 2
- Teeth per firing 1
- Modes 10
- System Config
- Positive input pol ON
- Positive output pol ON
- Interlaced OFF

Click [here](#) for an explanation on how to use the global settings.



# Perfect Power Wiring Diagram

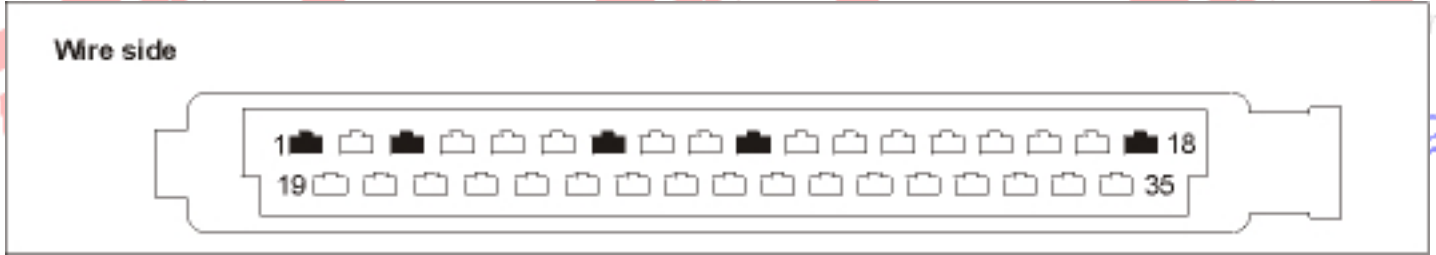


ECU make: Motronic  
 Model: 735i  
 Year: Motronic  
 Comments:  
 ECU Location: Glove box

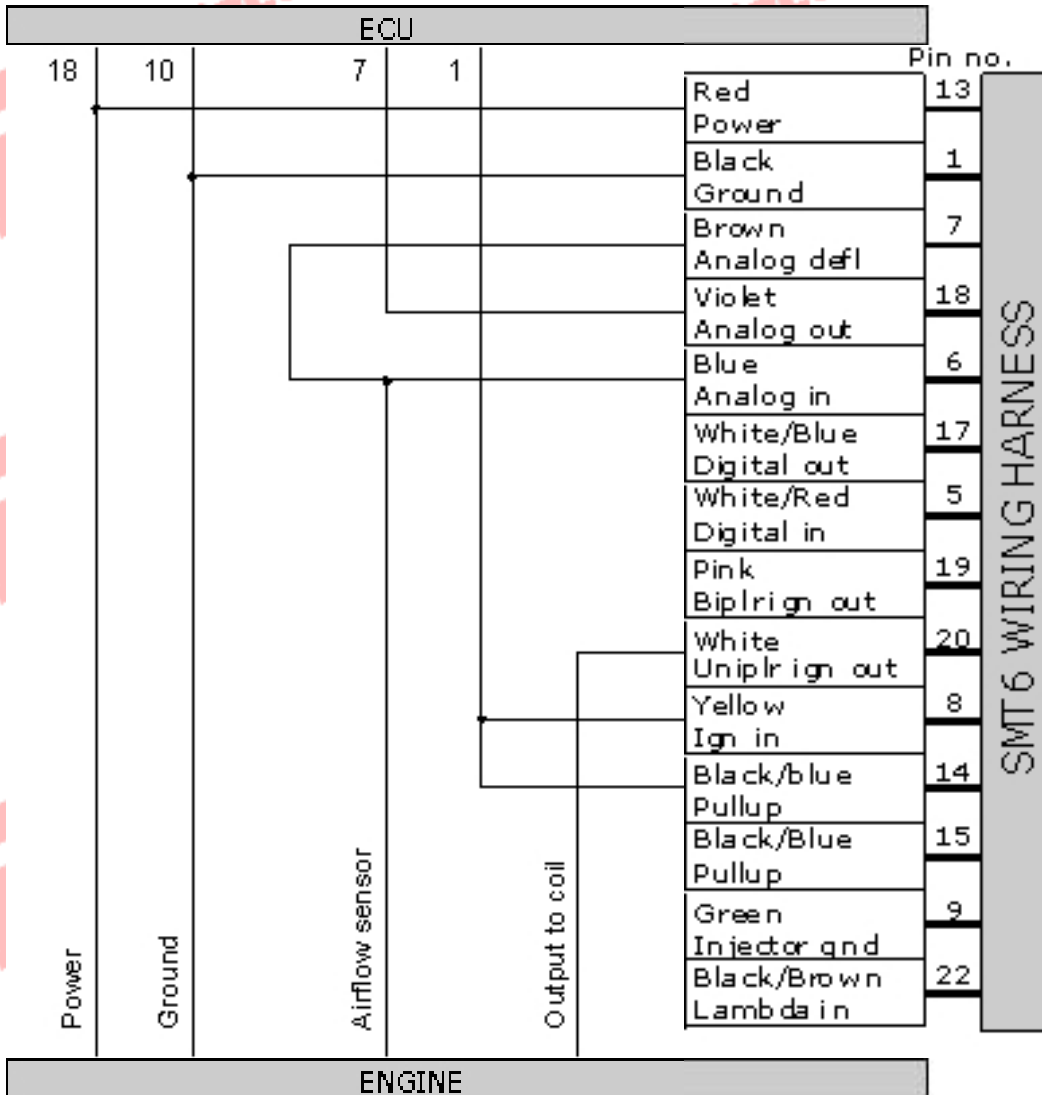
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 2
- Teeth per firing 1
- Modes 10
- System Config
- Positive input pol ON
- Positive output pol ON
- Interlaced OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

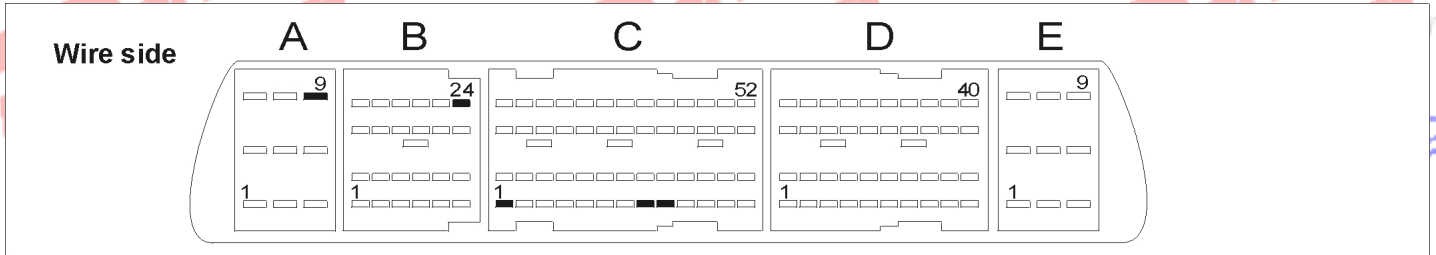


ECU make: Siemens MS 42  
 Model: Z3 2.0 (20 6S 4)  
 Year: 1999-02  
 Comments:  
 ECU Location:

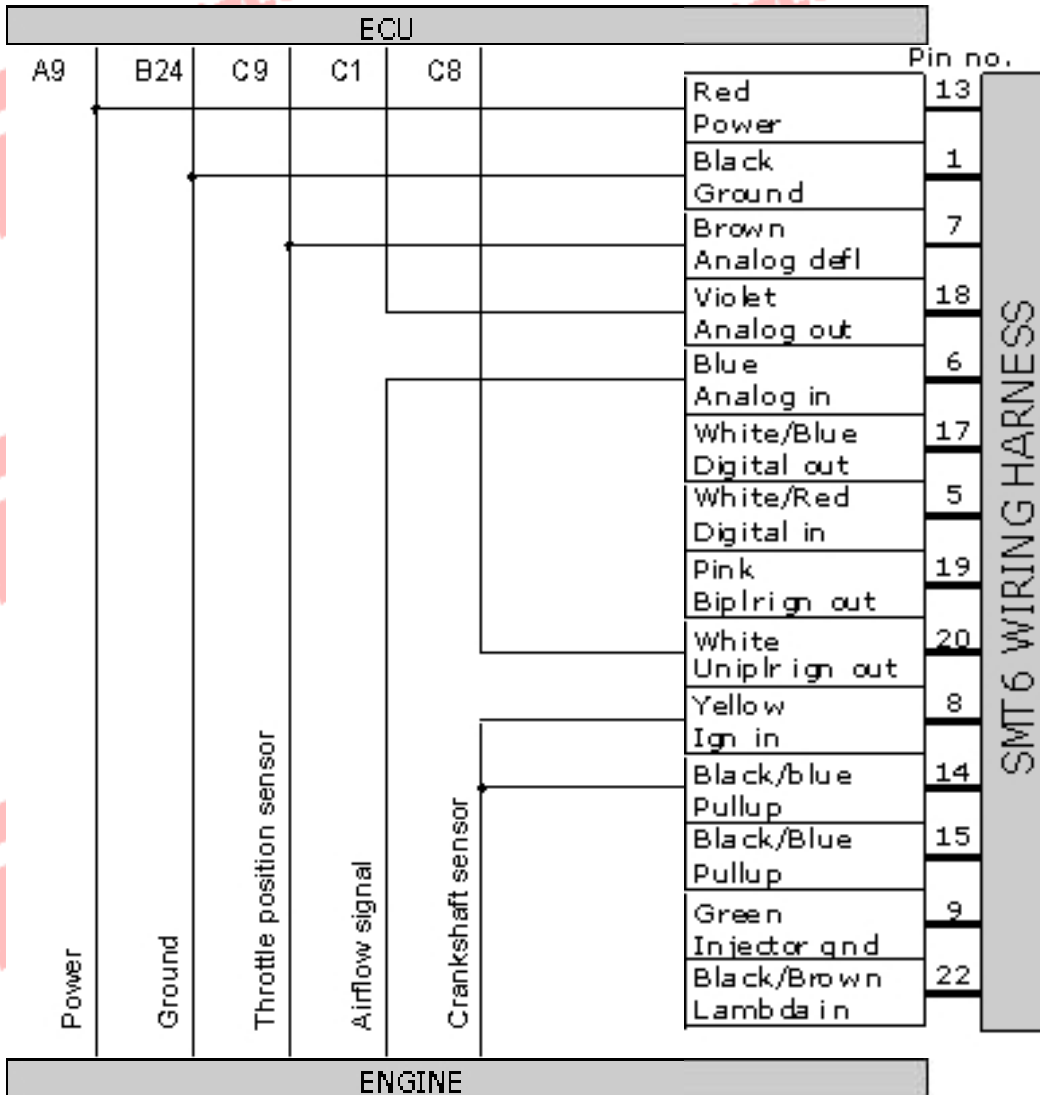
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
   Positive input pol ON  
   Positive output pol ON  
   Low level input OFF

Click [here](#) for an explanation on how to use the global settings.

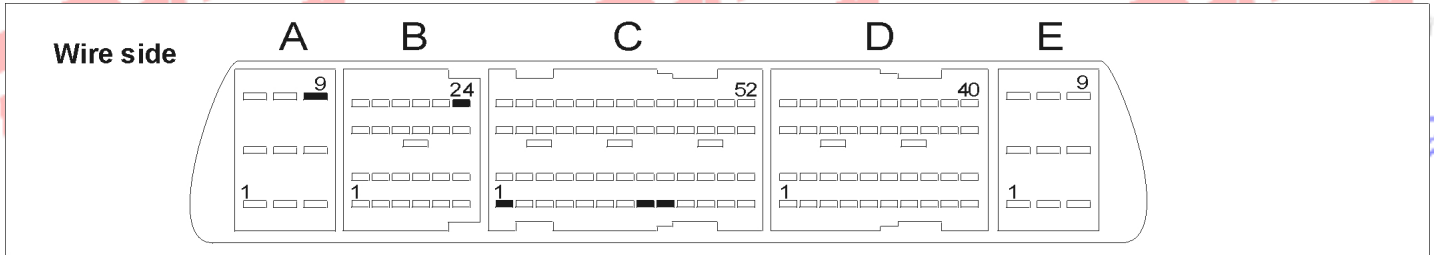
## Perfect Power Wiring Diagram



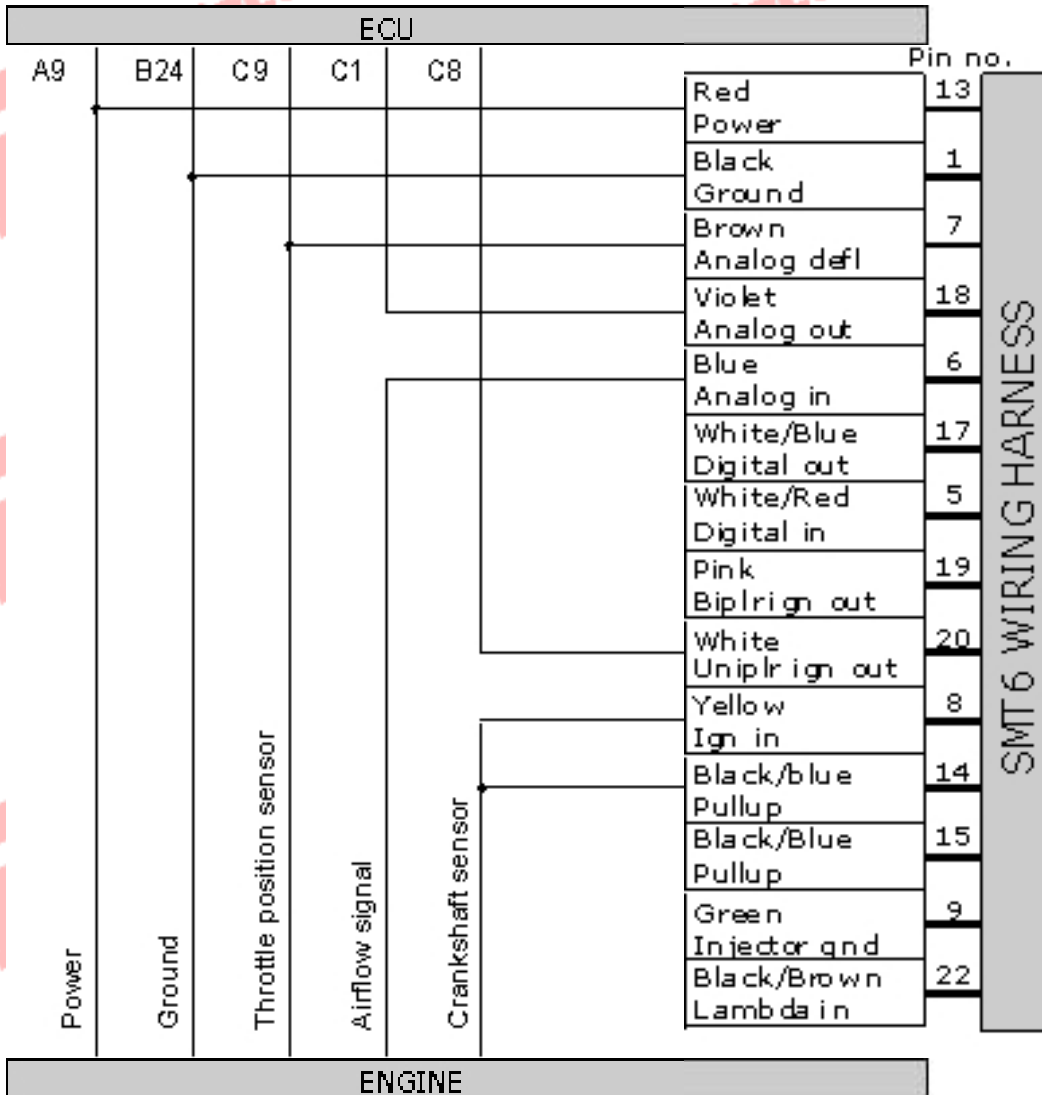
**ECU make:** Siemens MS 42 **Vehicle make:** BMW  
**Model:** Z3 2.8 (28 6S 2)  
**Year:** 1999-02  
**Comments:**  
**ECU Location:** Left hand side of engine bay viewed from front of car.

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
   Positive input pol ON  
   Positive output pol ON

Click [here](#) for an explanation on how to use the global settings.

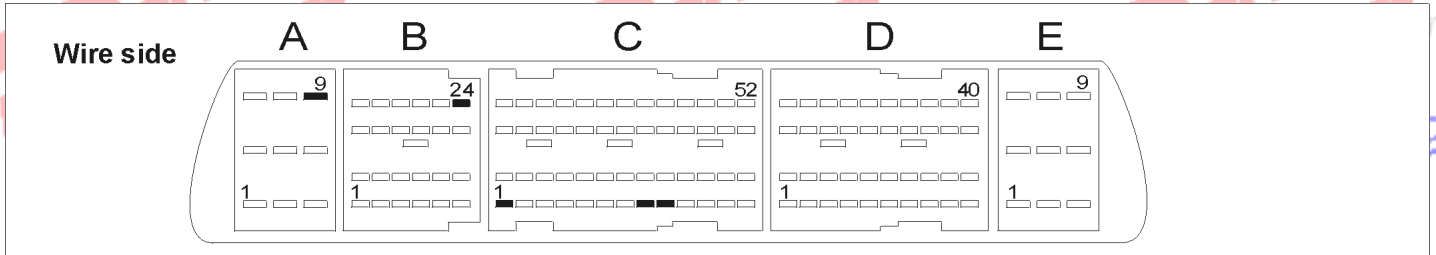
# Perfect Power Wiring Diagram



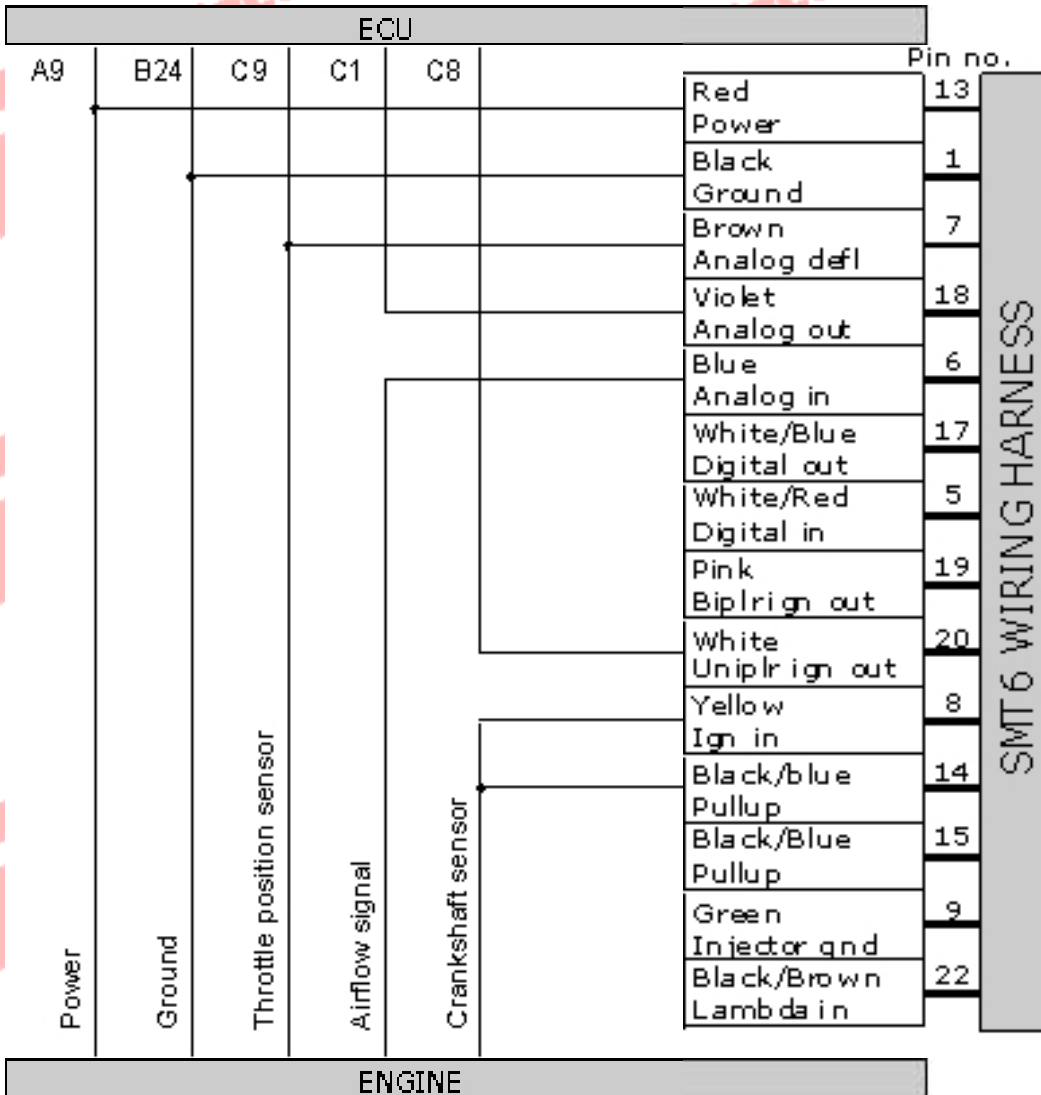
ECU make: Siemens MS 42      Vehicle make: BMW  
 Model: 520i (E39) (25 6S 4)  
 Year: 1998-02  
 Comments:  
 ECU Location:

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
 Positive input pol ON  
 Positive output pol ON

Click [here](#) for an explanation on how to use the global settings.

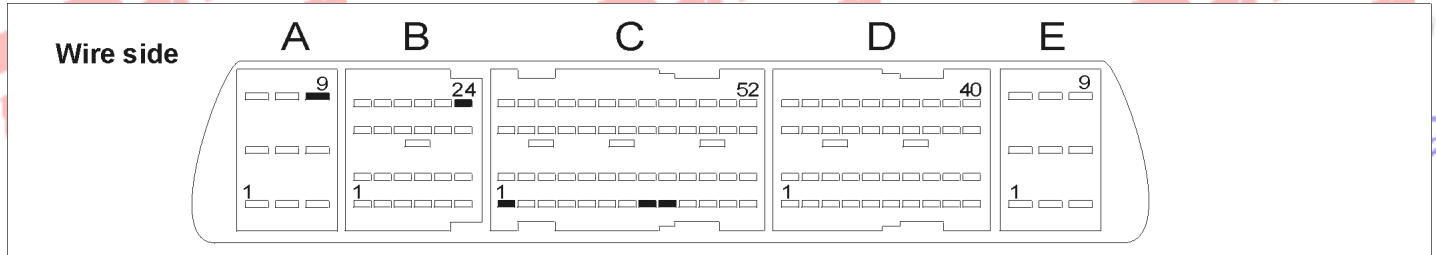
# Perfect Power Wiring Diagram



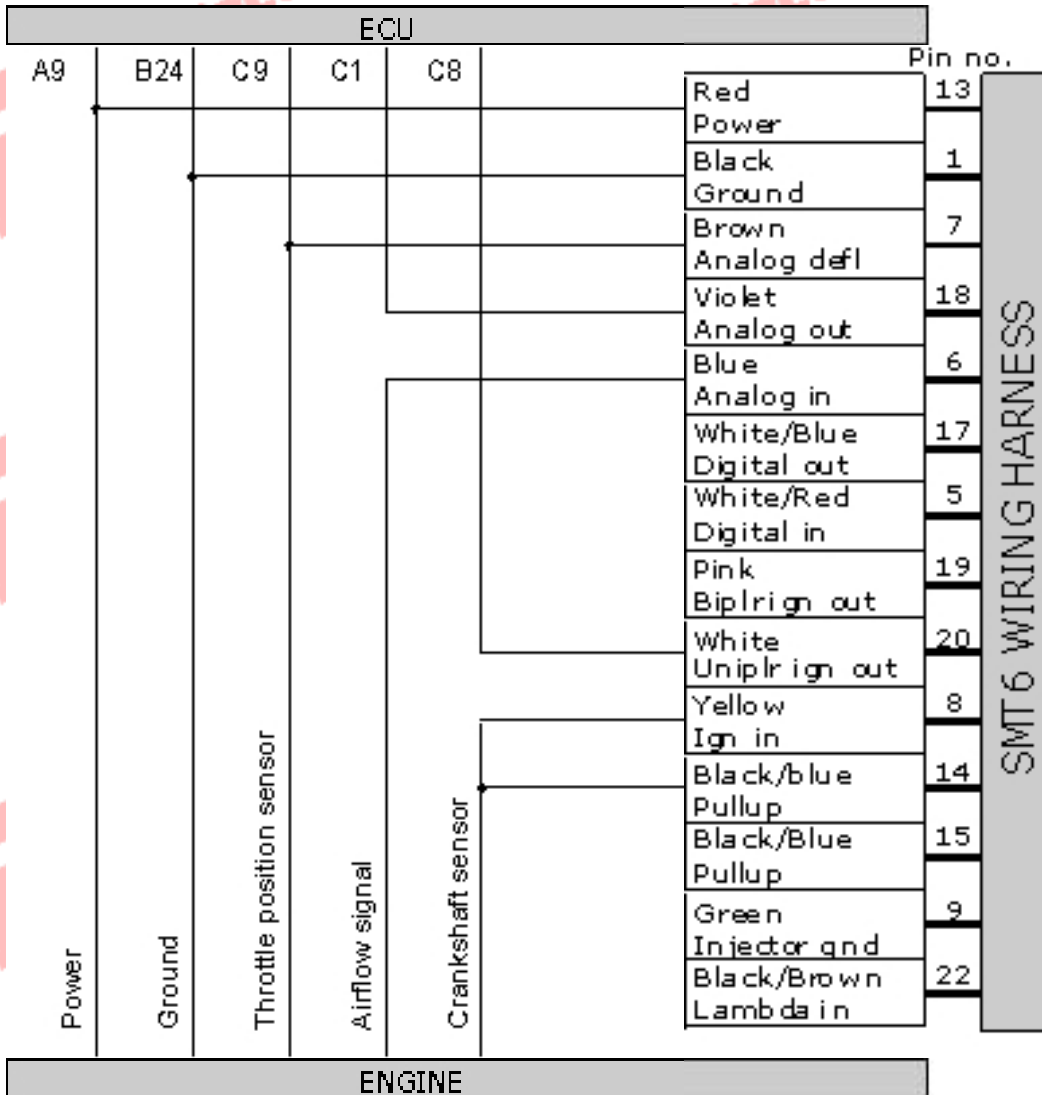
ECU make: Siemens MS 42      Vehicle make: BMW  
 Model: 523i (E39) (20 6S 4)  
 Year: 1998-02  
 Comments:  
 ECU Location:

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
 Positive input pol ON  
 Positive output pol ON

Click [here](#) for an explanation on how to use the global settings.

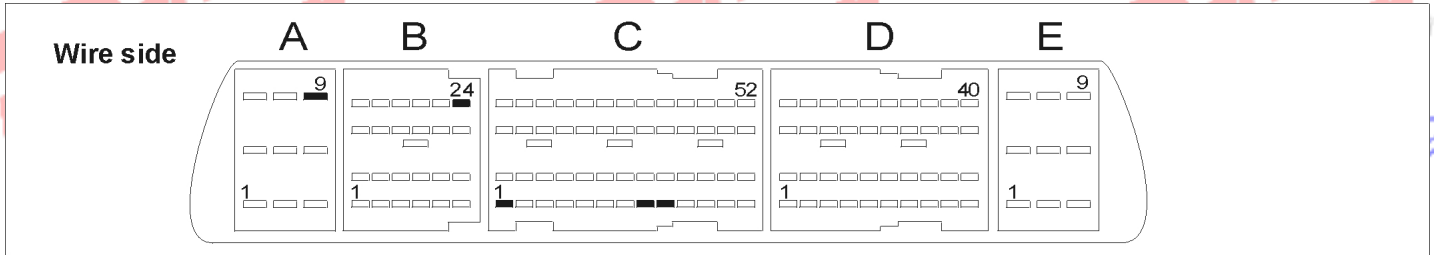
# Perfect Power Wiring Diagram



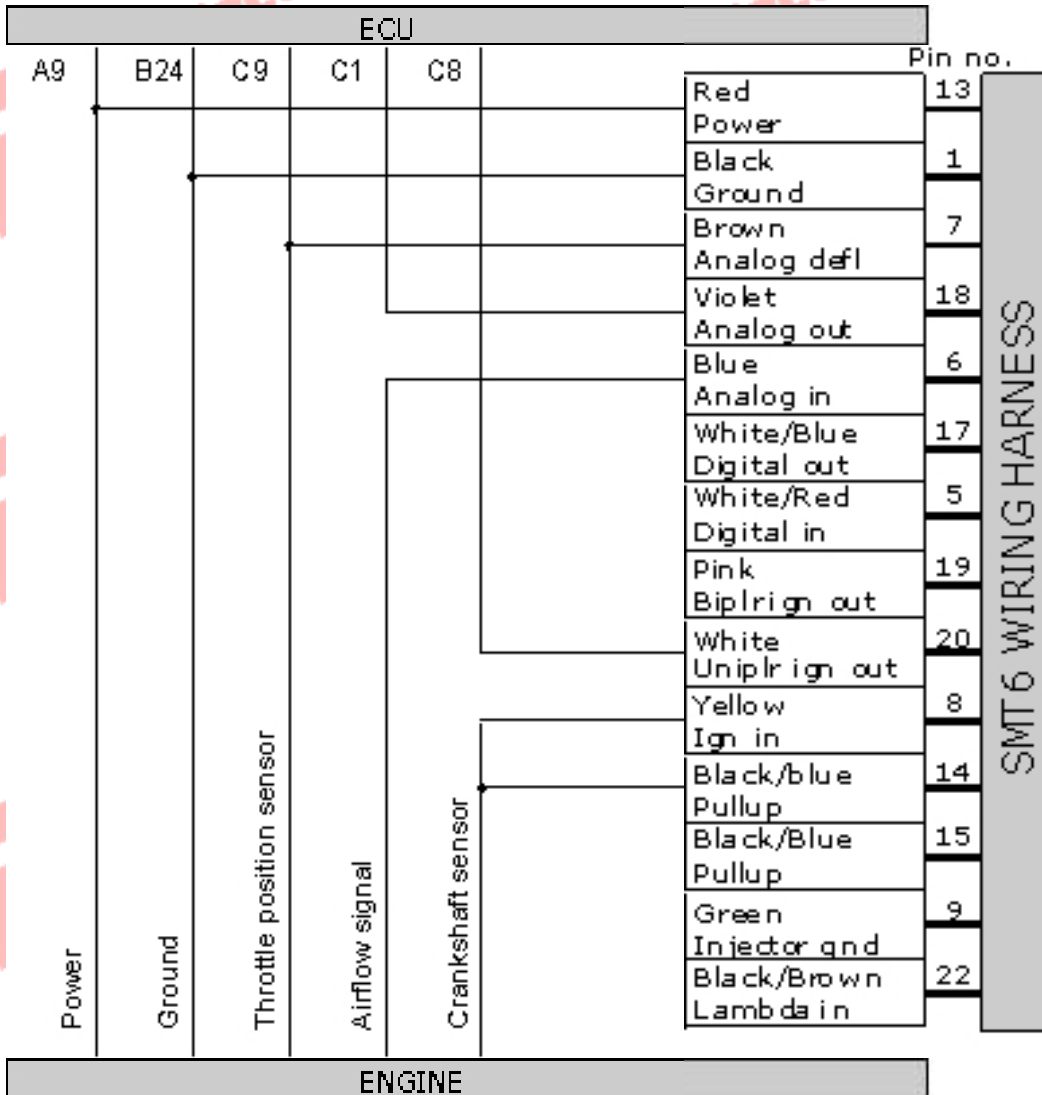
ECU make: Siemens MS 42      Vehicle make: BMW  
 Model: 528i (E39) (28 6S 2)  
 Year: 1998-02  
 Comments:  
 ECU Location:

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
 Positive input pol ON  
 Positive output pol ON

Click [here](#) for an explanation on how to use the global settings.

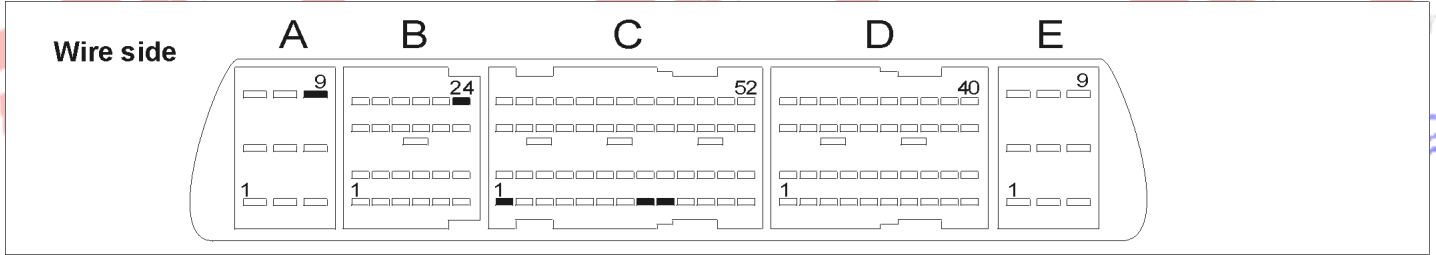
# Perfect Power Wiring Diagram



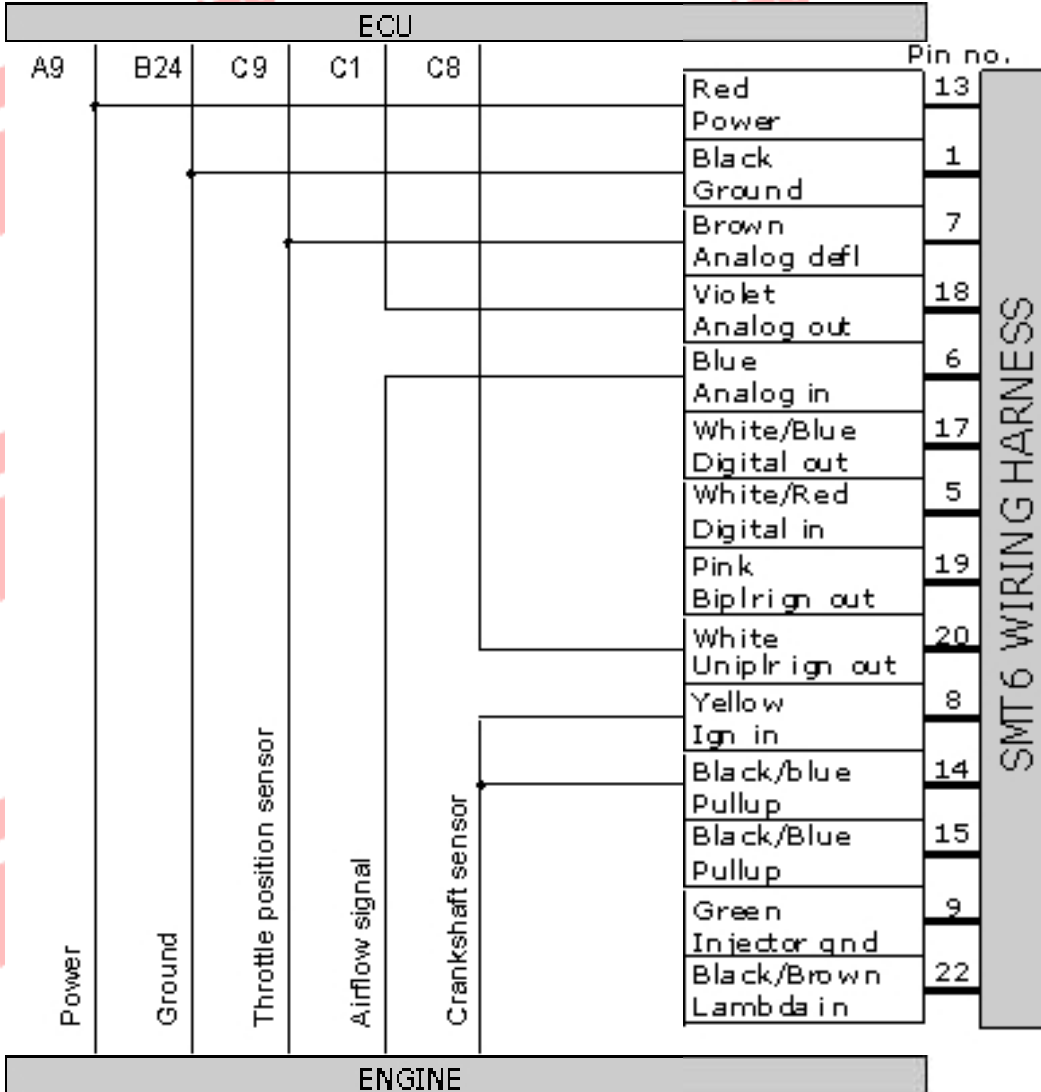
ECU make: Siemens MS 42      Vehicle make: BMW  
 Model: 728i (E28) (28 6S 2)  
 Year: 1998-02  
 Comments:  
 ECU Location:

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
 Positive input pol ON  
 Positive output pol ON

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

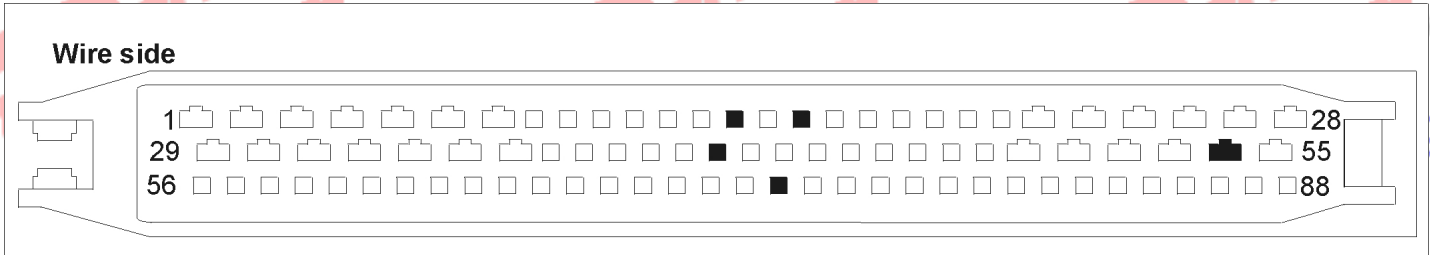


ECU make: Bosch Motronic M3.3  
 Model: 740i (E38)  
 Year: 1994-96  
 Comments:  
 ECU Location:

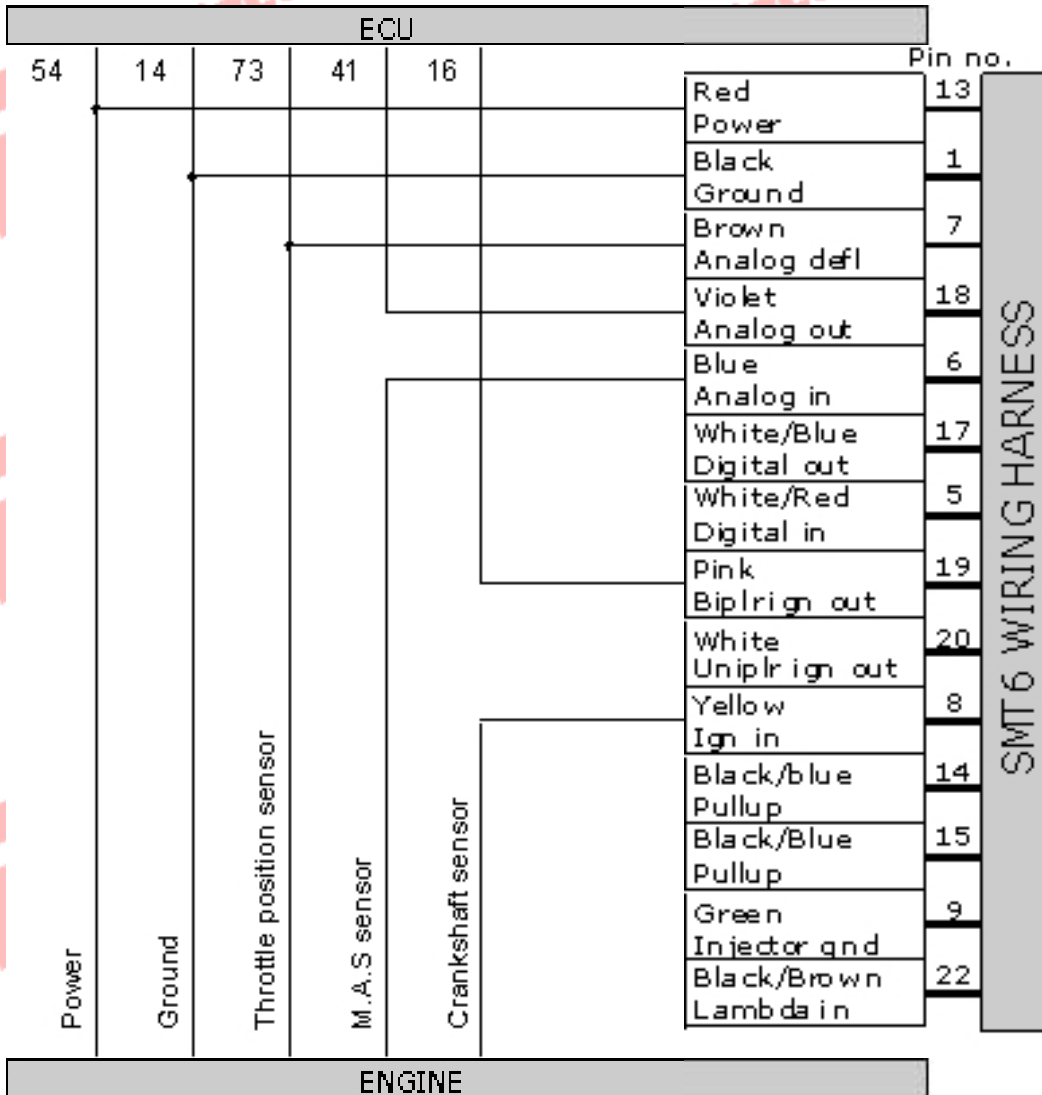
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON

Click [here](#) for an explanation on how to use the global settings.



# Perfect Power Wiring Diagram

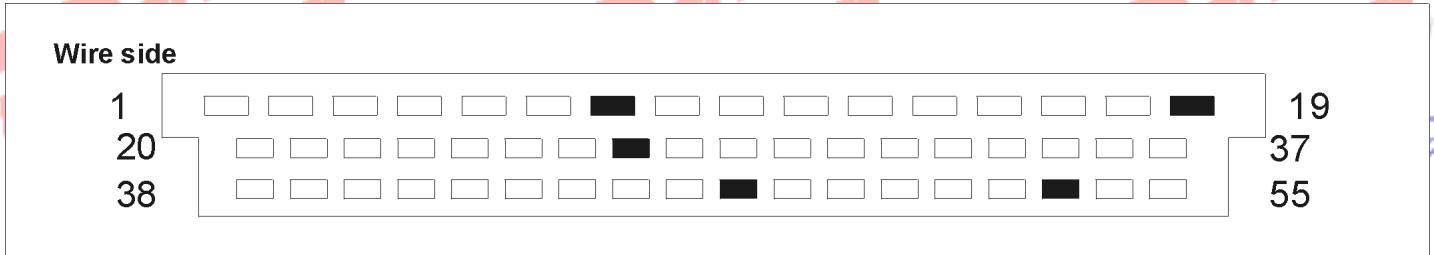


ECU make:  
 Model: M5 24V  
 Year:  
 Comments:  
 ECU Location: Plastic box right side of engine bay

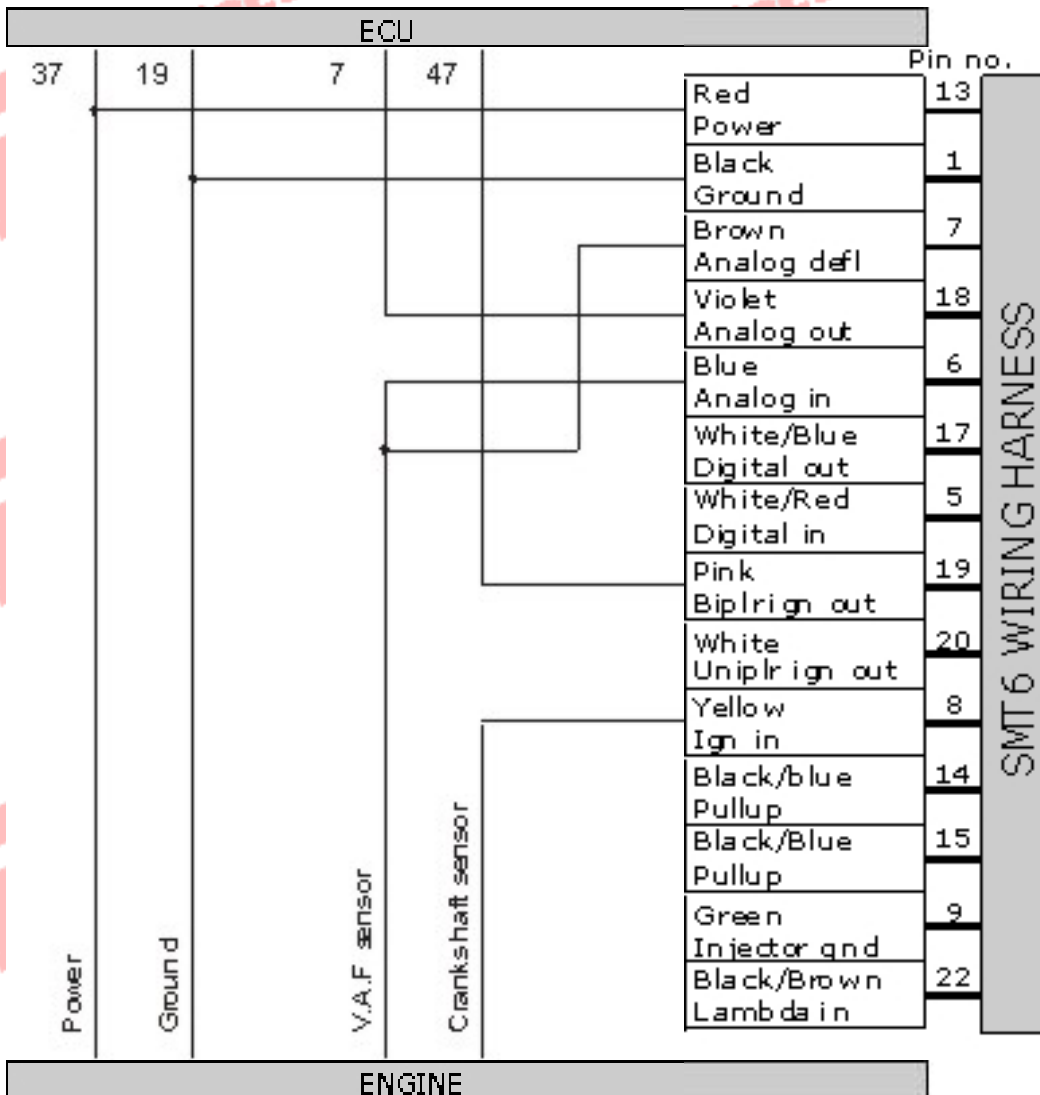
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- ON
- Cylinders 4
  - Teeth per turn (incl miss) 60
  - Teeth per firing 30
  - Modes 1
  - System Config
  - System Config
    - Positive output pol ON
    - Low level input ON
    - High frequency OFF
    - Interlaced OFF
    - One missing tooth OFF
    - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram



ECU make:

Vehicle make: **BMW**

Model: 540

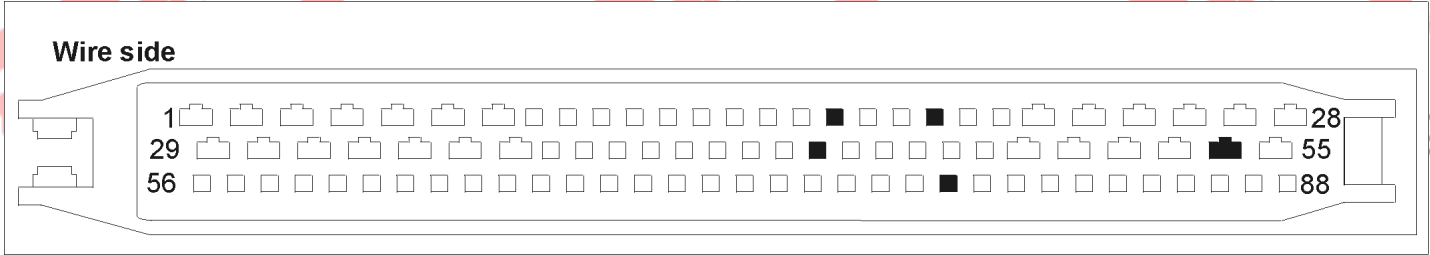
Year: 1997

Comments:

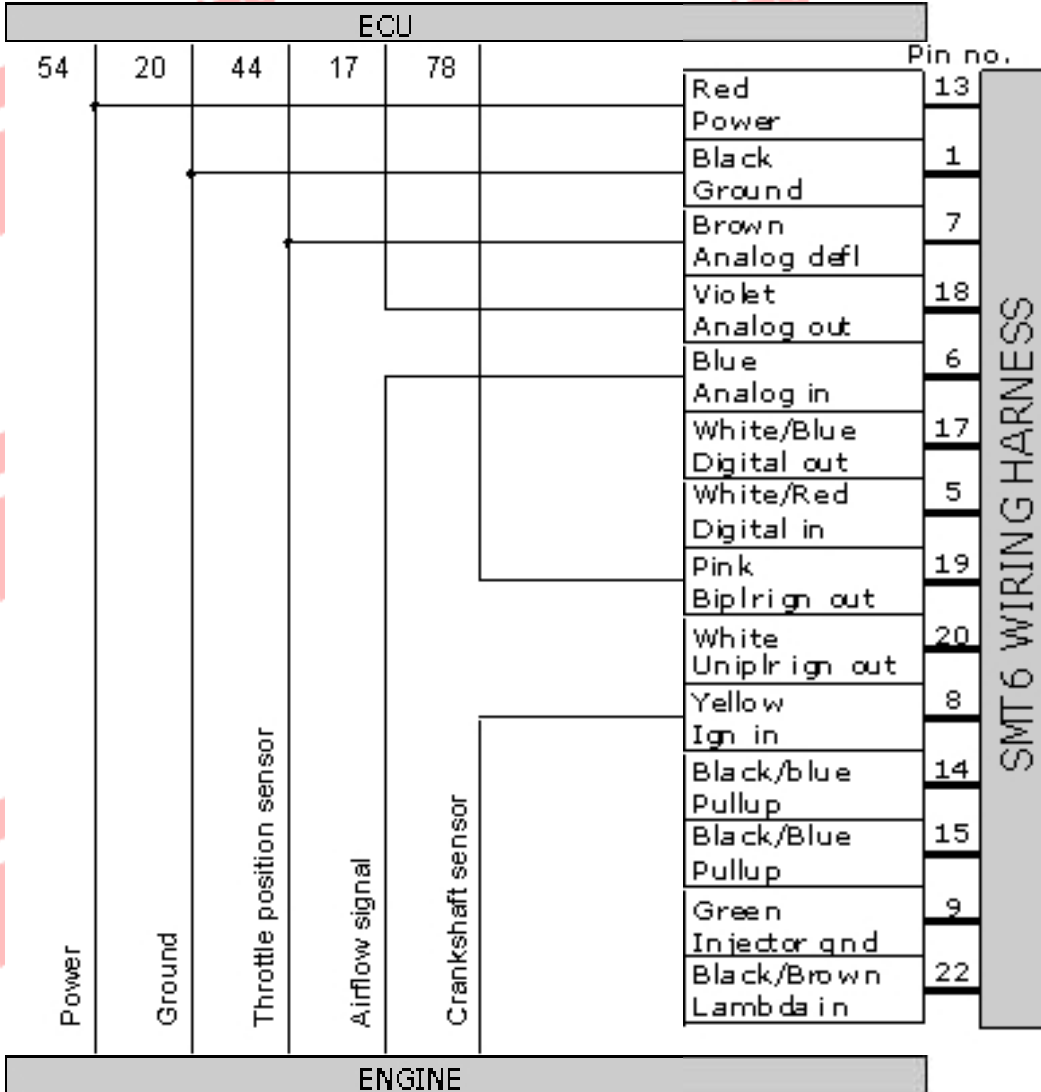
ECU Location: Engine bay left under aircon filters

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

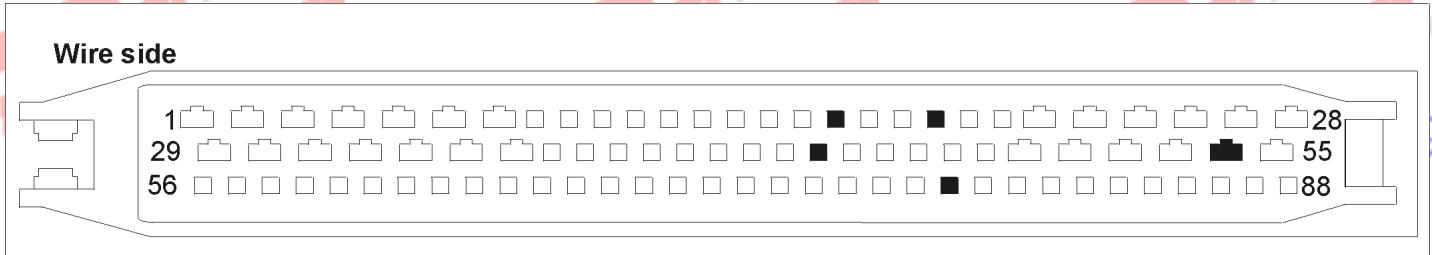
## Perfect Power Wiring Diagram



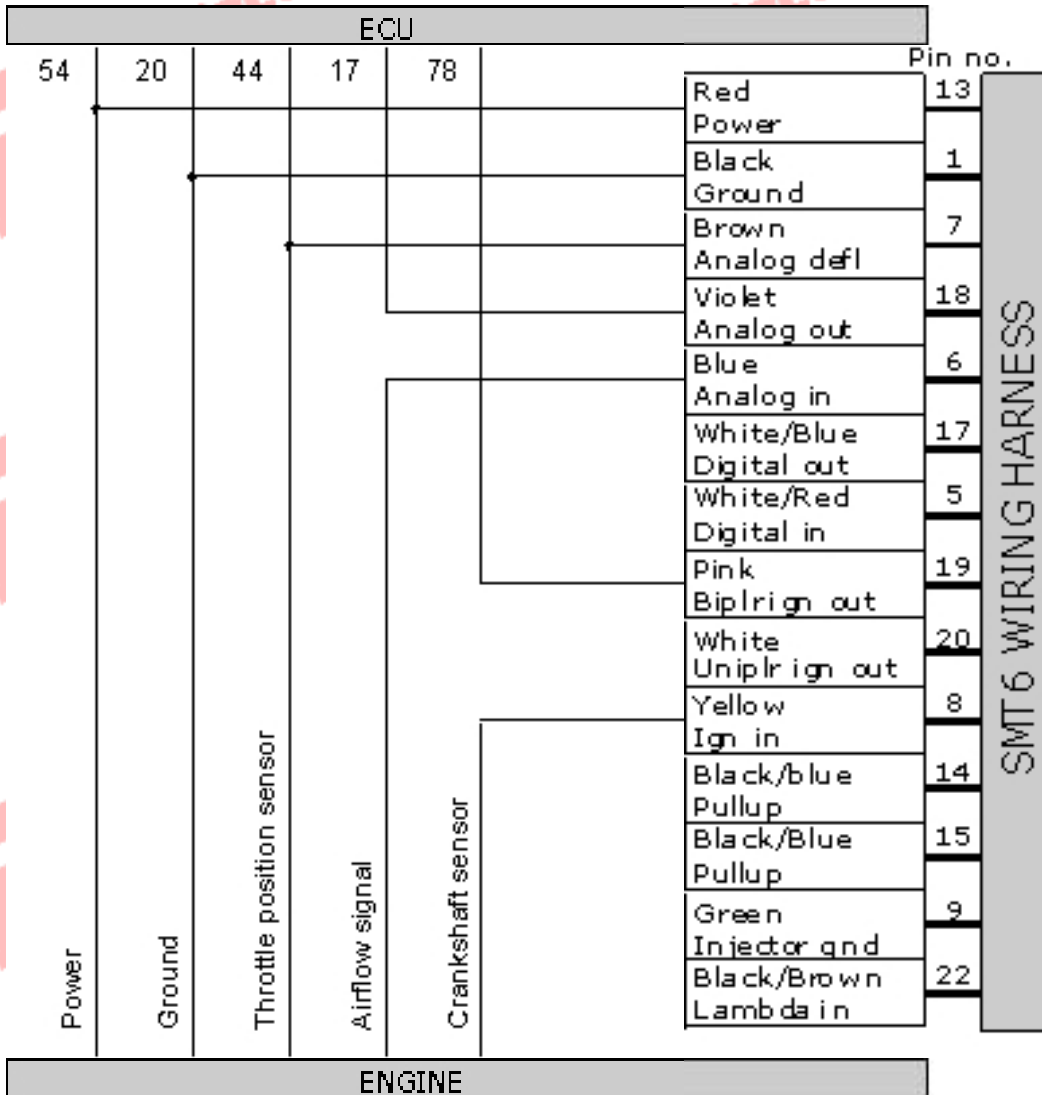
ECU make: Bosch Motronic 5.2      Vehicle make: BMW  
 Model: 318iS/Coupe (E36)  
 Year: 1996-99  
 Comments: Ensure wiring is correctly insulated in the engine bay  
 ECU Location: Left hand side of engine bay below wiper box

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
- Positive input pol ON
- Positive output pol ON
- Low level input ON
- High frequency OFF
- Interlaced OFF
- One missing tooth OFF
- Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

The above Global Settings are additions to the Default SMT6 Map. Disclaimer: Please note that as a result of the ECU pin out variations for this vehicle worldwide, this Wiring Diagram is to be used as a guideline only. Digital Technology will not be held responsible in any way for incorrect wiring information contained hereon.

## Perfect Power Wiring Diagram

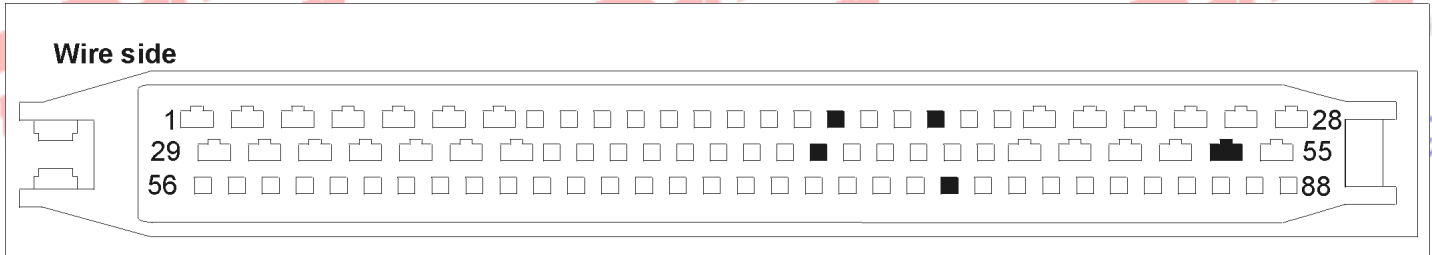


ECU make: Bosch Motronic 5.2  
 Model: 318Ti Compact (E36)  
 Year: 1996-00  
 Comments:  
 ECU Location:

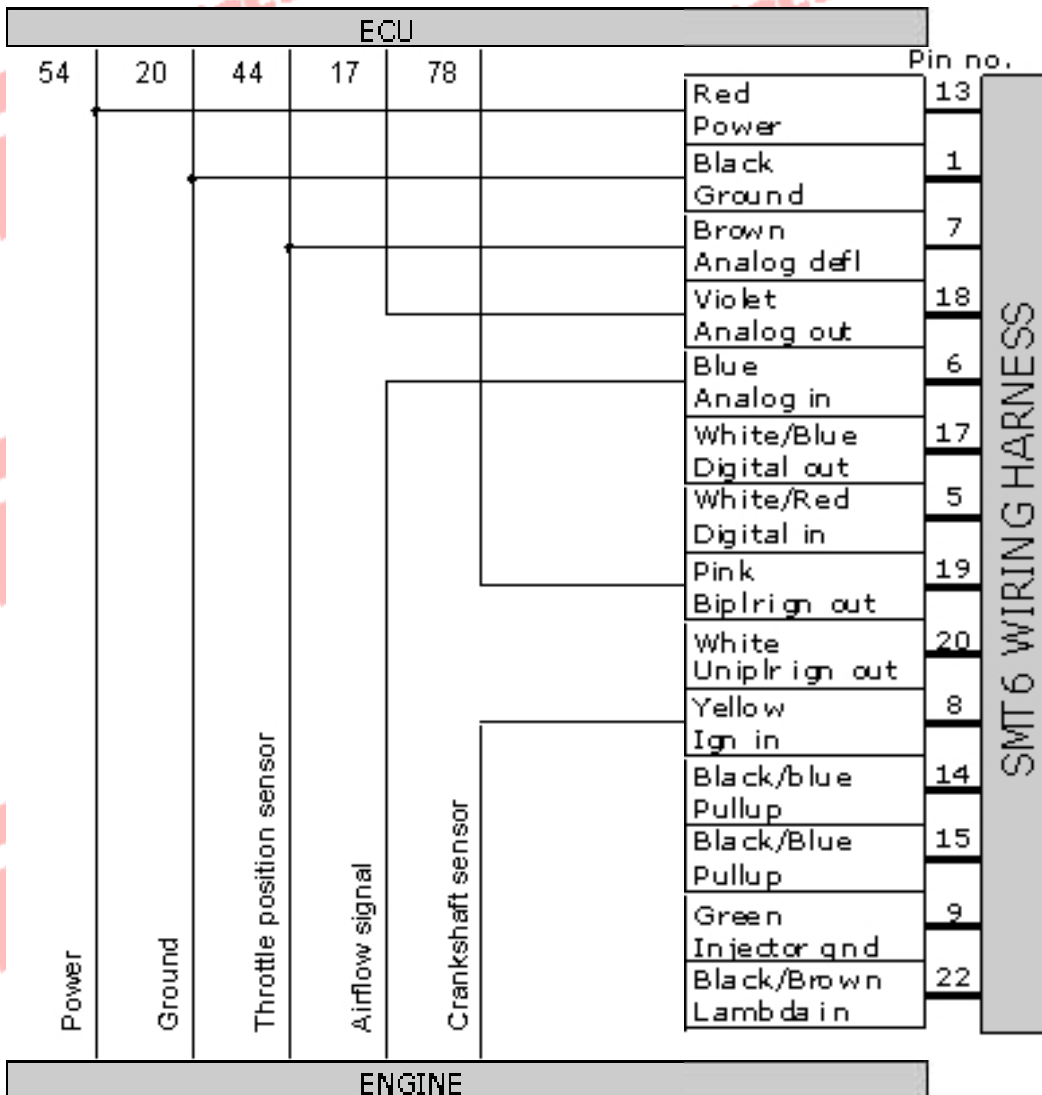
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
- Positive input pol ON
- Positive output pol ON
- Low level input ON
- High frequency OFF
- Interlaced OFF
- One missing tooth OFF
- Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

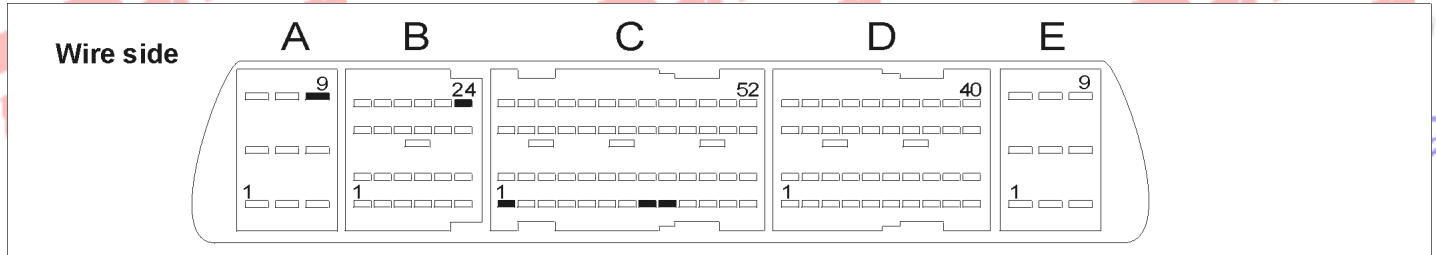
# Perfect Power Wiring Diagram



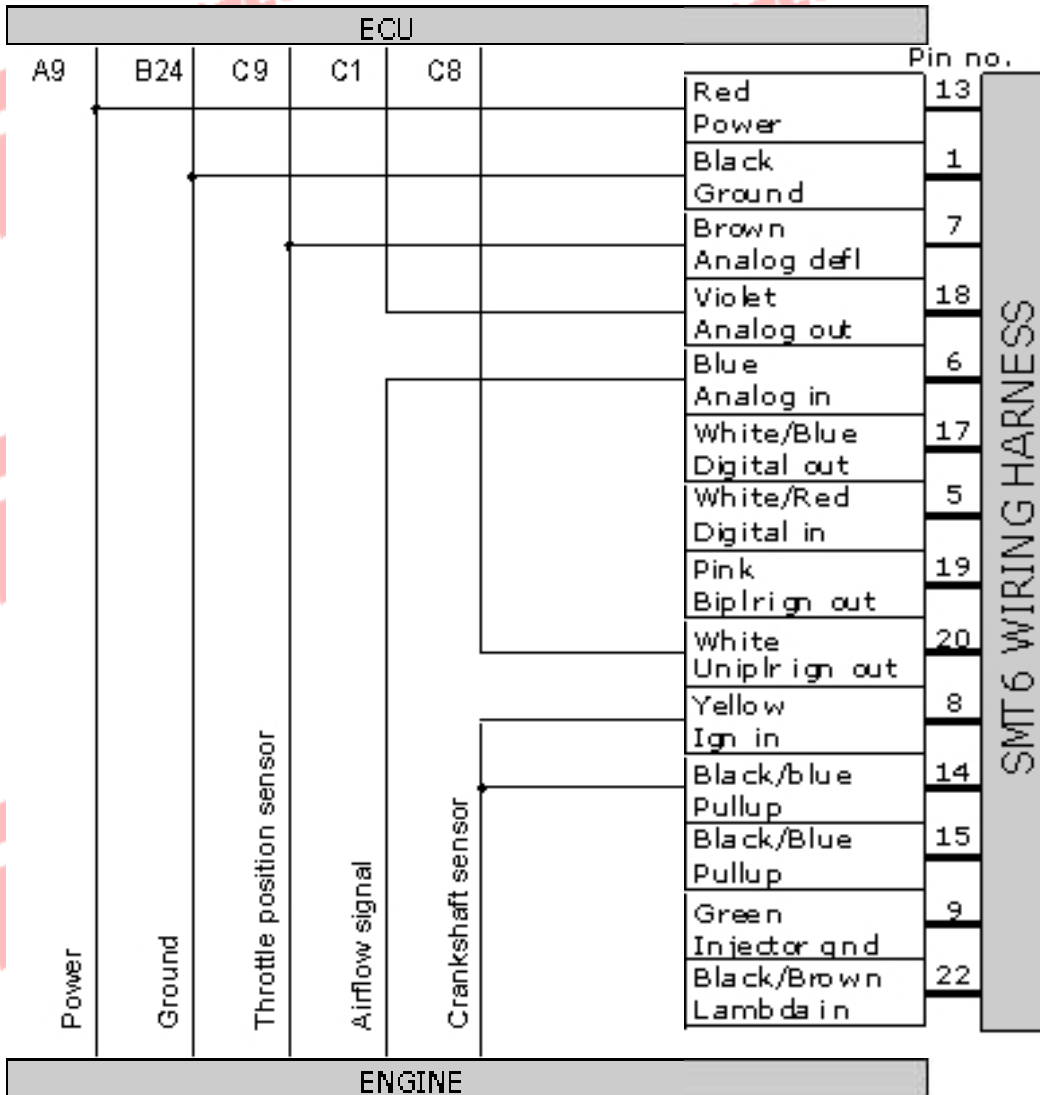
ECU make: Siemens MS 42      Vehicle make: BMW  
 Model: 320i (E46) (20 6S 4)  
 Year: 1998-02  
 Comments:  
 ECU Location:

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
 Positive input pol ON  
 Positive output pol ON  
 Low level input OFF  
 High frequency OFF  
 Interlaced OFF  
 One missing tooth OFF  
 Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

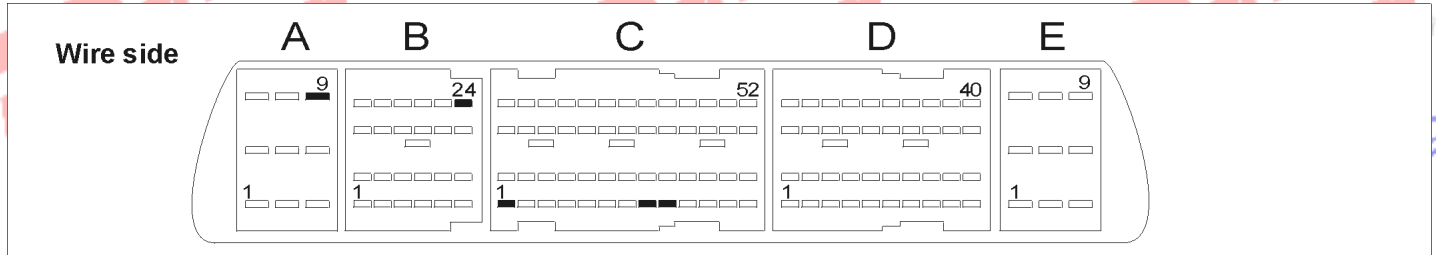
# Perfect Power Wiring Diagram



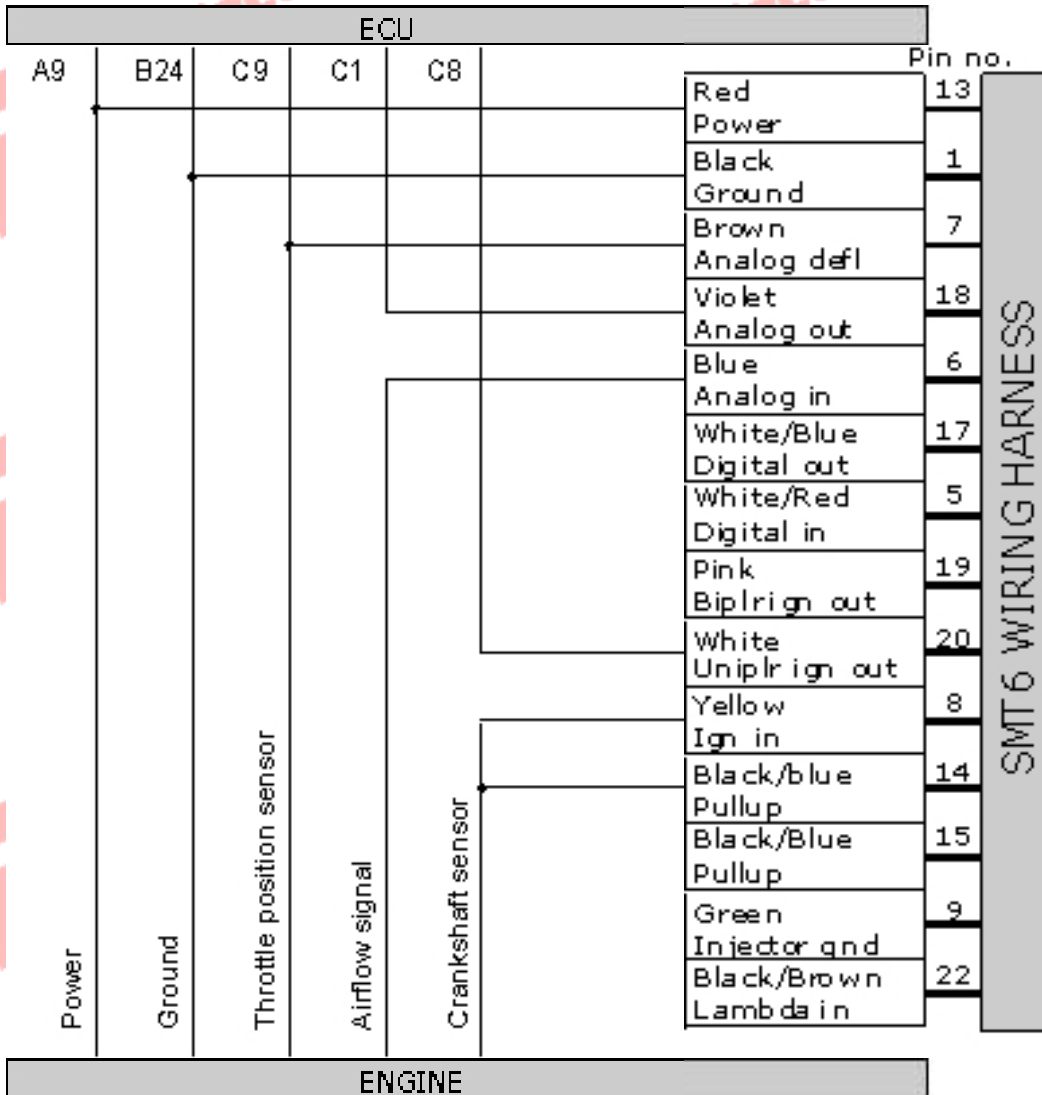
ECU make: Siemens MS 42      Vehicle make: BMW  
 Model: 323i (E46) (25 6S 4)  
 Year: 1998-02  
 Comments:  
 ECU Location:

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
 Positive input pol ON  
 Positive output pol ON  
 Low level input OFF  
 High frequency OFF  
 Interlaced OFF  
 One missing tooth OFF  
 Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

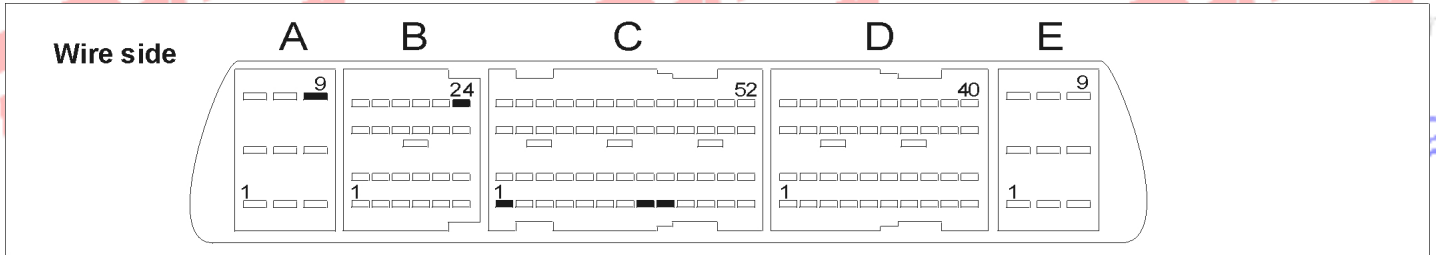
# Perfect Power Wiring Diagram



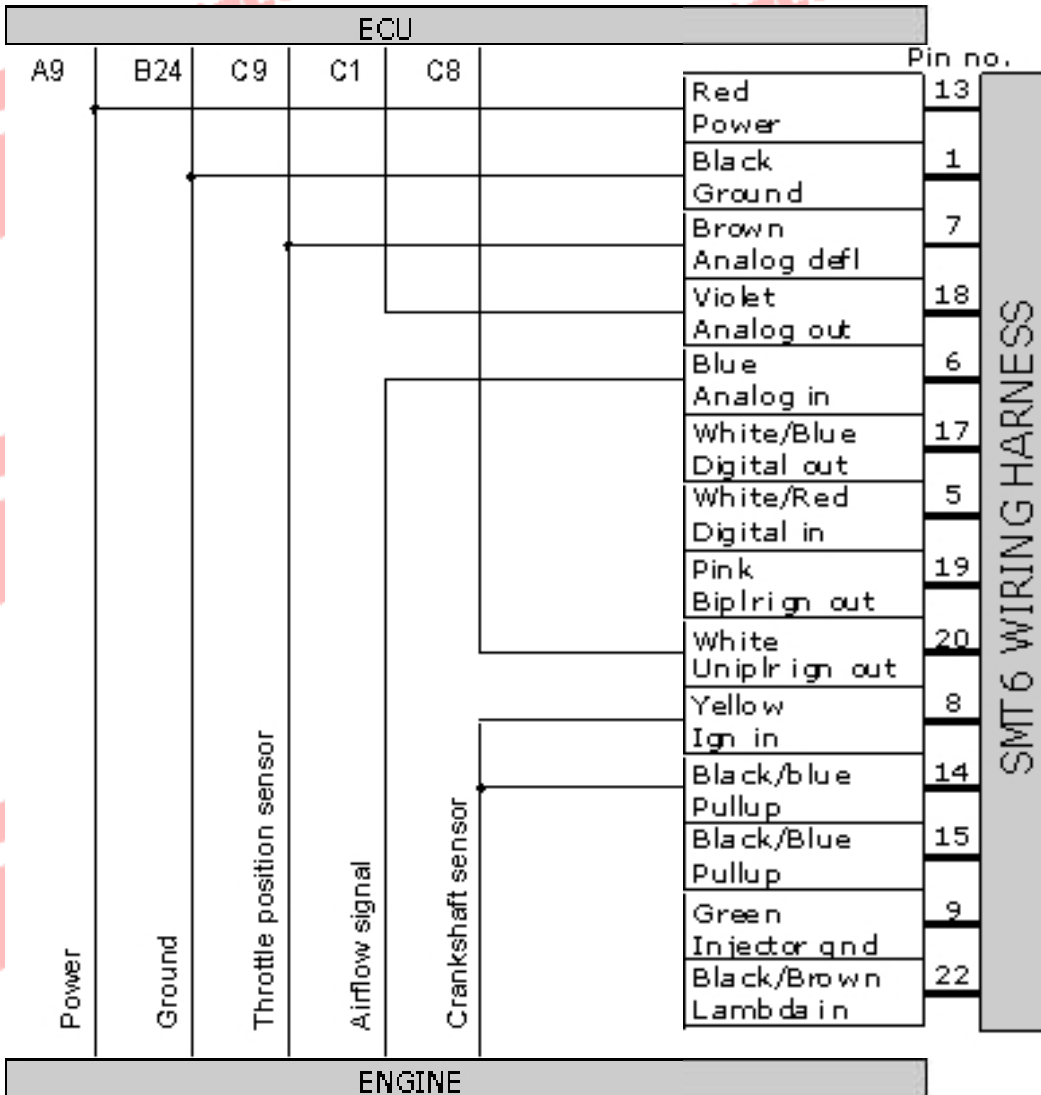
ECU make: Siemens MS 42      Vehicle make: BMW  
 Model: 328i (E46) (28 6S 2)  
 Year: 1998-02  
 Comments:  
 ECU Location:

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 6
- Teeth per turn (incl miss) 60
- Teeth per firing 20
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

The above Global Settings are additions to the Default SMT6 Map. Disclaimer: Please note that as a result of the ECU pin out variations for this vehicle worldwide, this Wiring Diagram is to be used as a guideline only. Digital Technology will not be held responsible in any way for incorrect wiring information contained hereon.

# Perfect Power Wiring Diagram

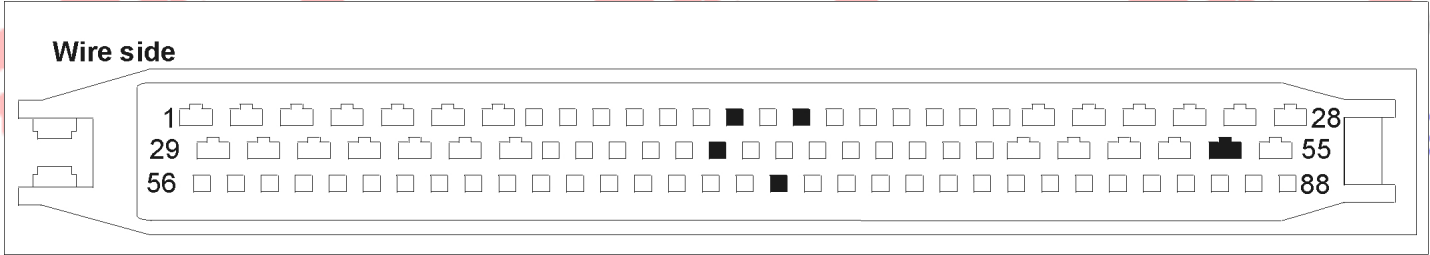


ECU make: Bosch Motronic M3.3  
 Model: 730i (E32)  
 Year: 1992-94  
 Comments:  
 ECU Location:

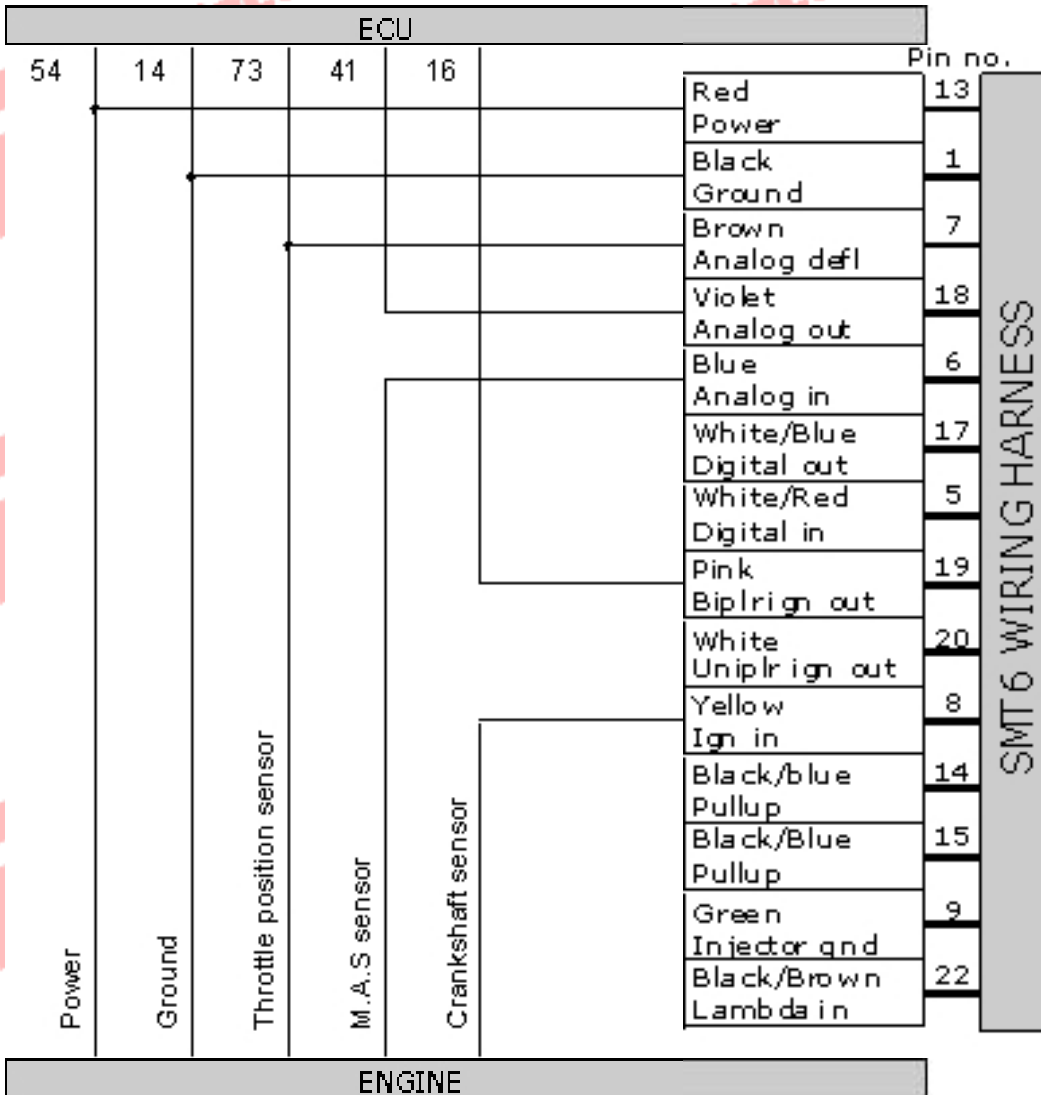
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

The above Global Settings are additions to the Default SMT6 Map. Disclaimer: Please note that as a result of the ECU pin out variations for this vehicle worldwide, this Wiring Diagram is to be used as a guideline only. Digital Technology will not be held responsible in any way for incorrect wiring information contained hereon.



## Perfect Power Wiring Diagram

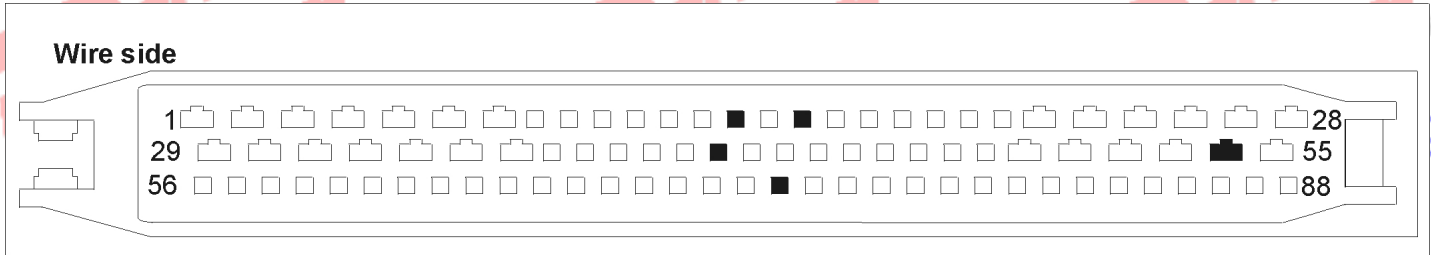


ECU make: Bosch Motronic M3.3  
 Model: 730i (E38)  
 Year: 1994-96  
 Comments:  
 ECU Location:

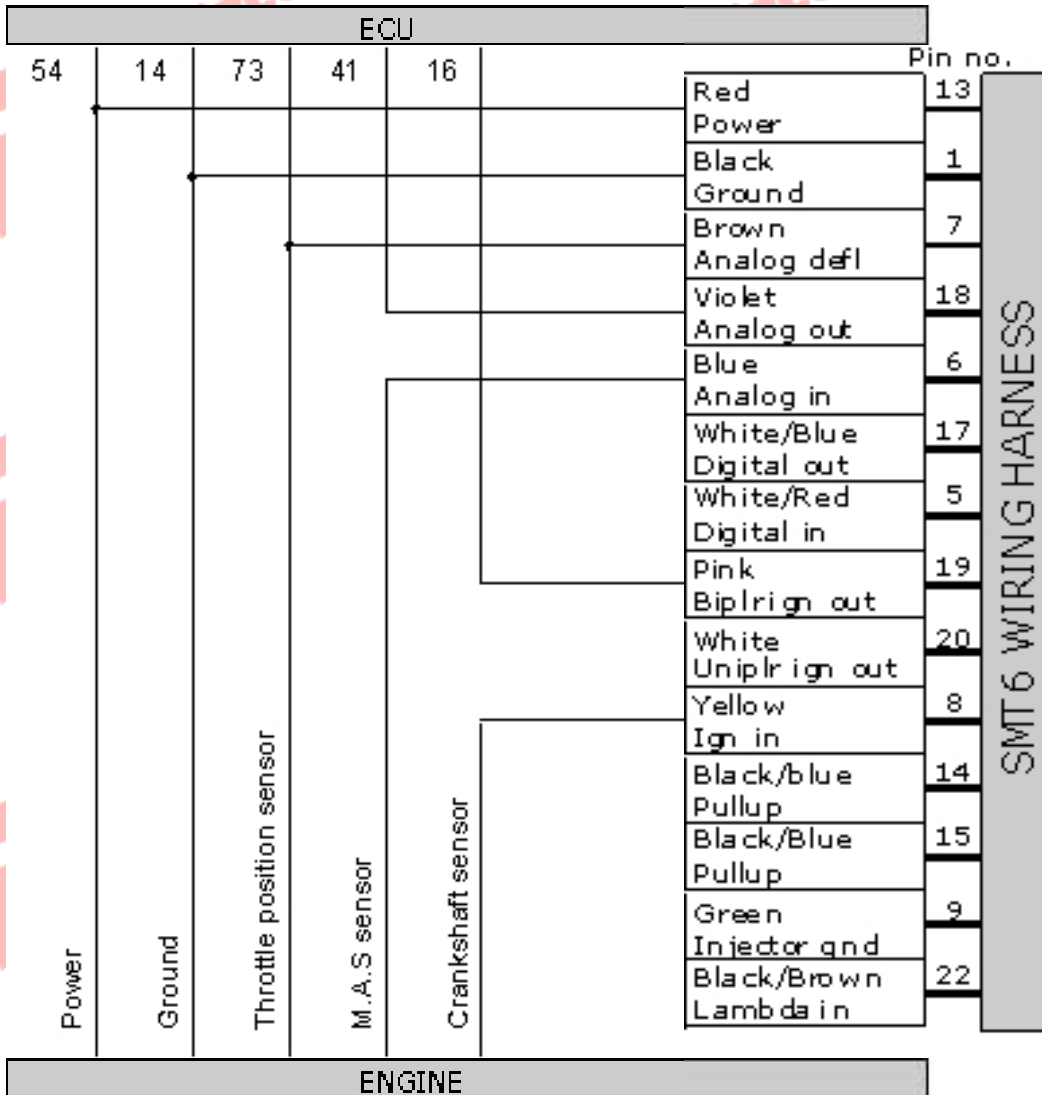
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

The above Global Settings are additions to the Default SMT6 Map. Disclaimer: Please note that as a result of the ECU pin out variations for this vehicle worldwide, this Wiring Diagram is to be used as a guideline only. Digital Technology will not be held responsible in any way for incorrect wiring information contained hereon.

# Perfect Power Wiring Diagram

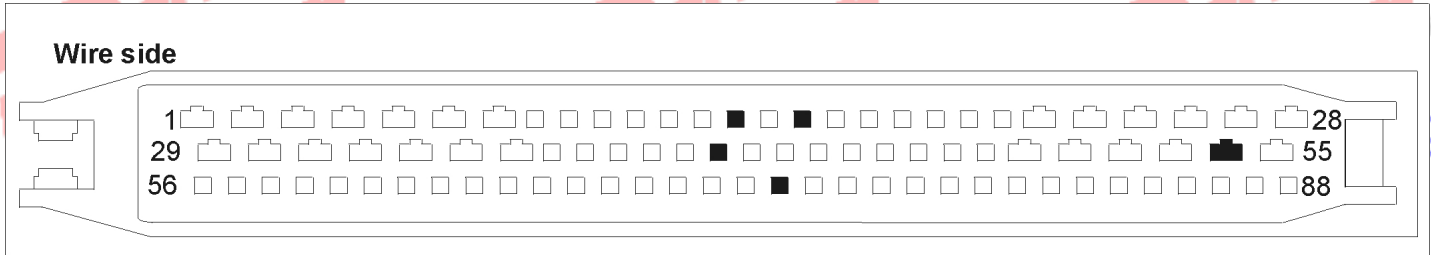


ECU make: Bosch Motronic M3.3  
 Model: 740i (E32)  
 Year: 1992-94  
 Comments:  
 ECU Location:

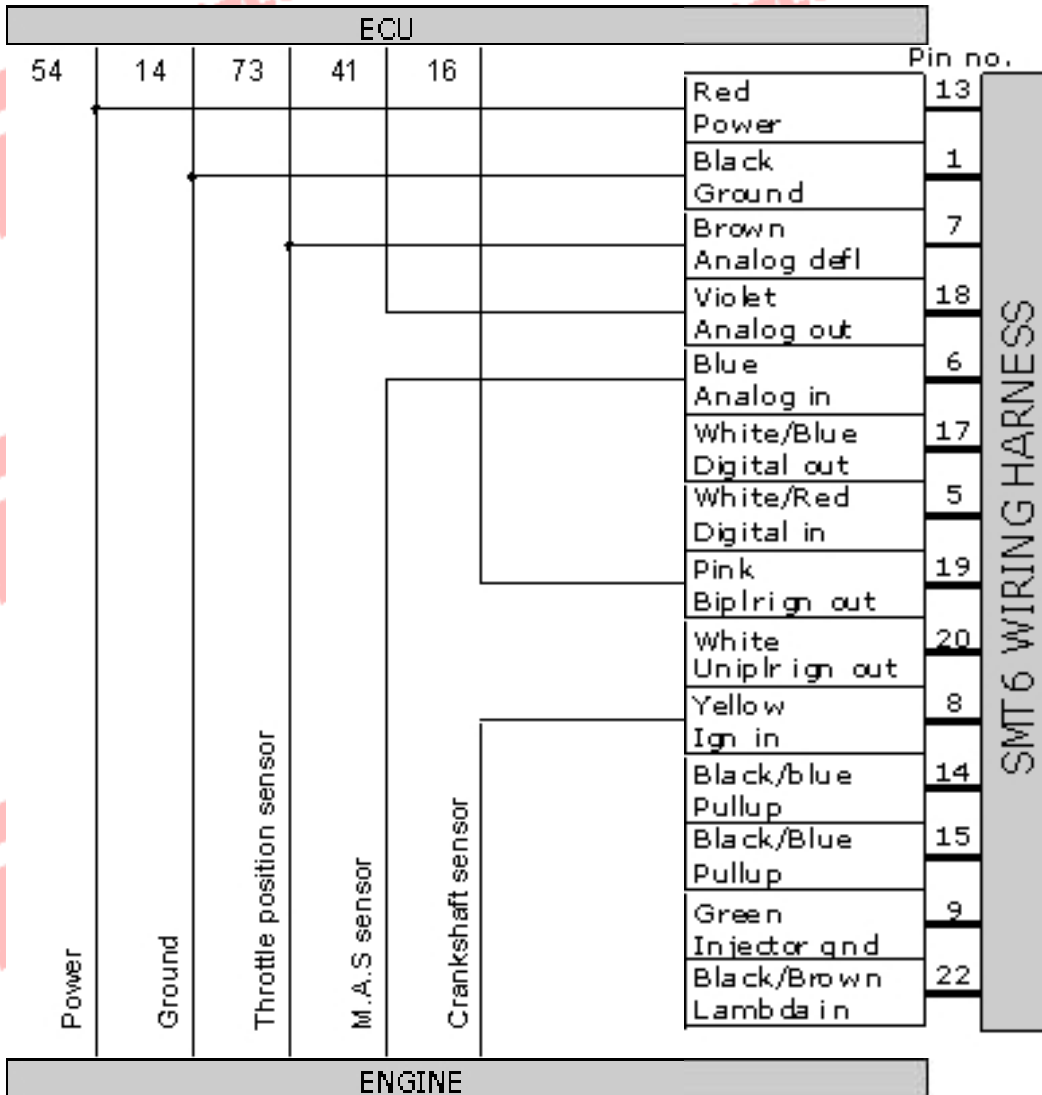
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

The above Global Settings are additions to the Default SMT6 Map. Disclaimer: Please note that as a result of the ECU pin out variations for this vehicle worldwide, this Wiring Diagram is to be used as a guideline only. Digital Technology will not be held responsible in any way for incorrect wiring information contained hereon.

## Perfect Power Wiring Diagram

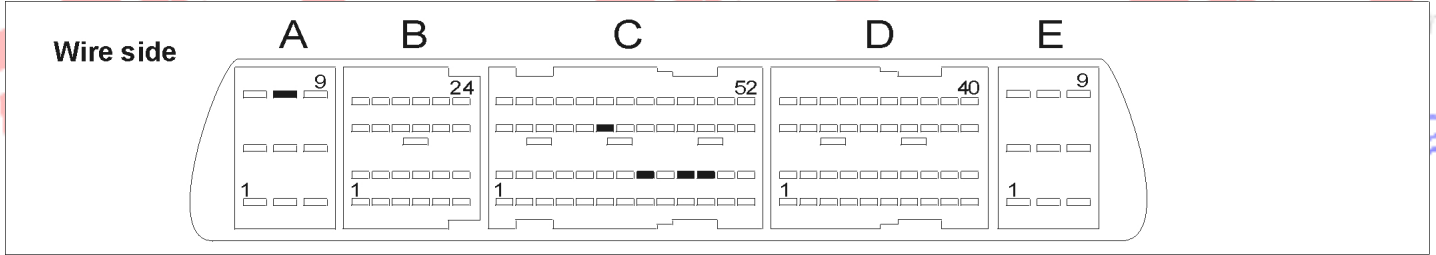


ECU make: \_\_\_\_\_  
 Model: 540  
 Year: 1998-  
 Comments:  
 ECU Location: Engine bay left under aircon filters

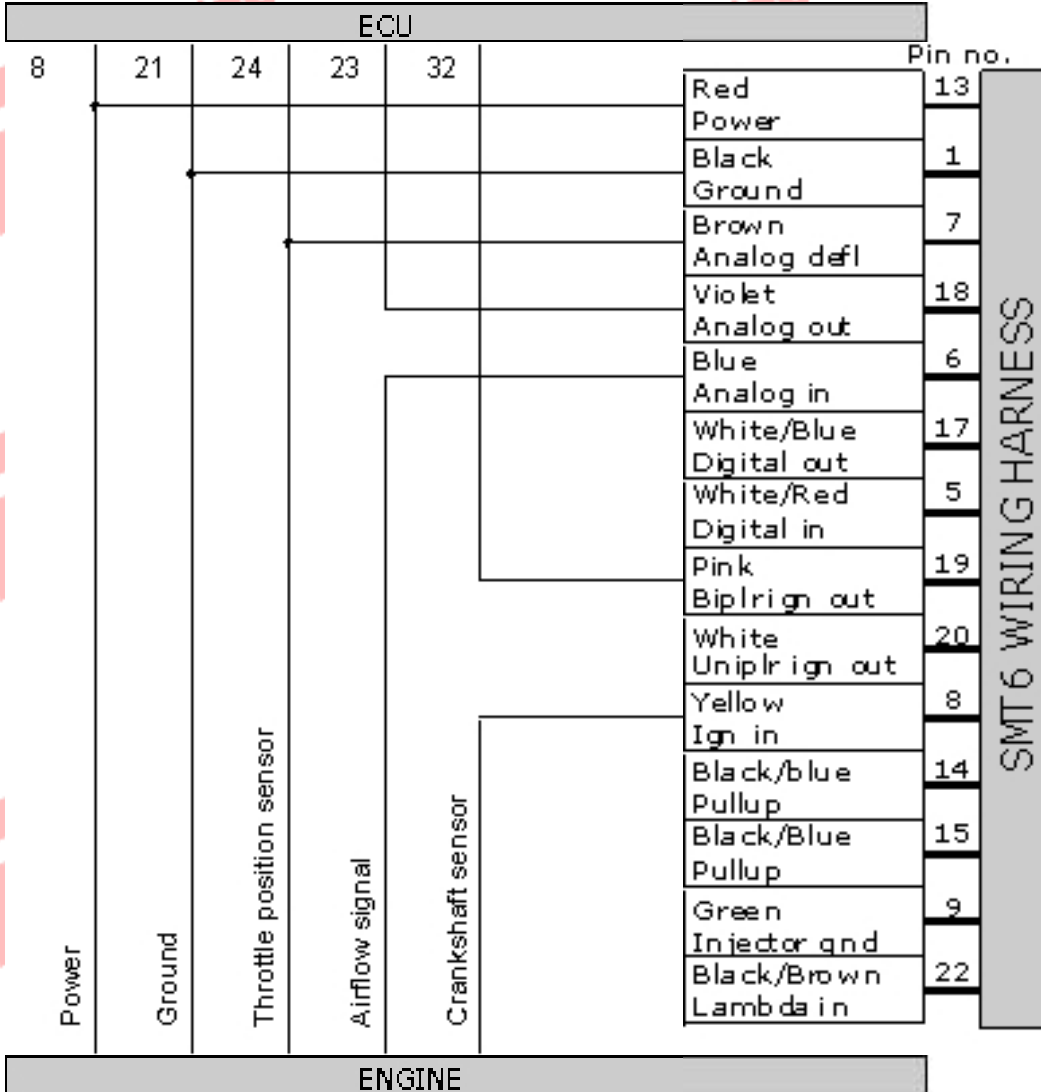
Vehicle make: **BMW**

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
- Positive input pol ON
- Positive output pol ON
- Low level input ON
- High frequency OFF
- Interlaced OFF
- One missing tooth OFF
- Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

The above Global Settings are additions to the Default SMT6 Map. Disclaimer: Please note that as a result of the ECU pin out variations for this vehicle worldwide, this Wiring Diagram is to be used as a guideline only. Digital Technology will not be held responsible in any way for incorrect wiring information contained hereon.

## Perfect Power Wiring Diagram

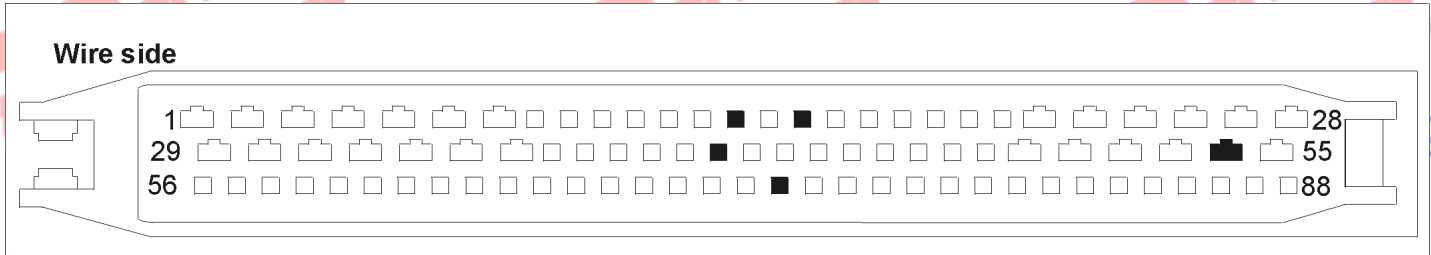


ECU make: Bosch Motronic M3.3.1  
 Model: 520i 24V Vanos (E34)  
 Year: 1992-96  
 Comments:  
 ECU Location: Passenger shock tower

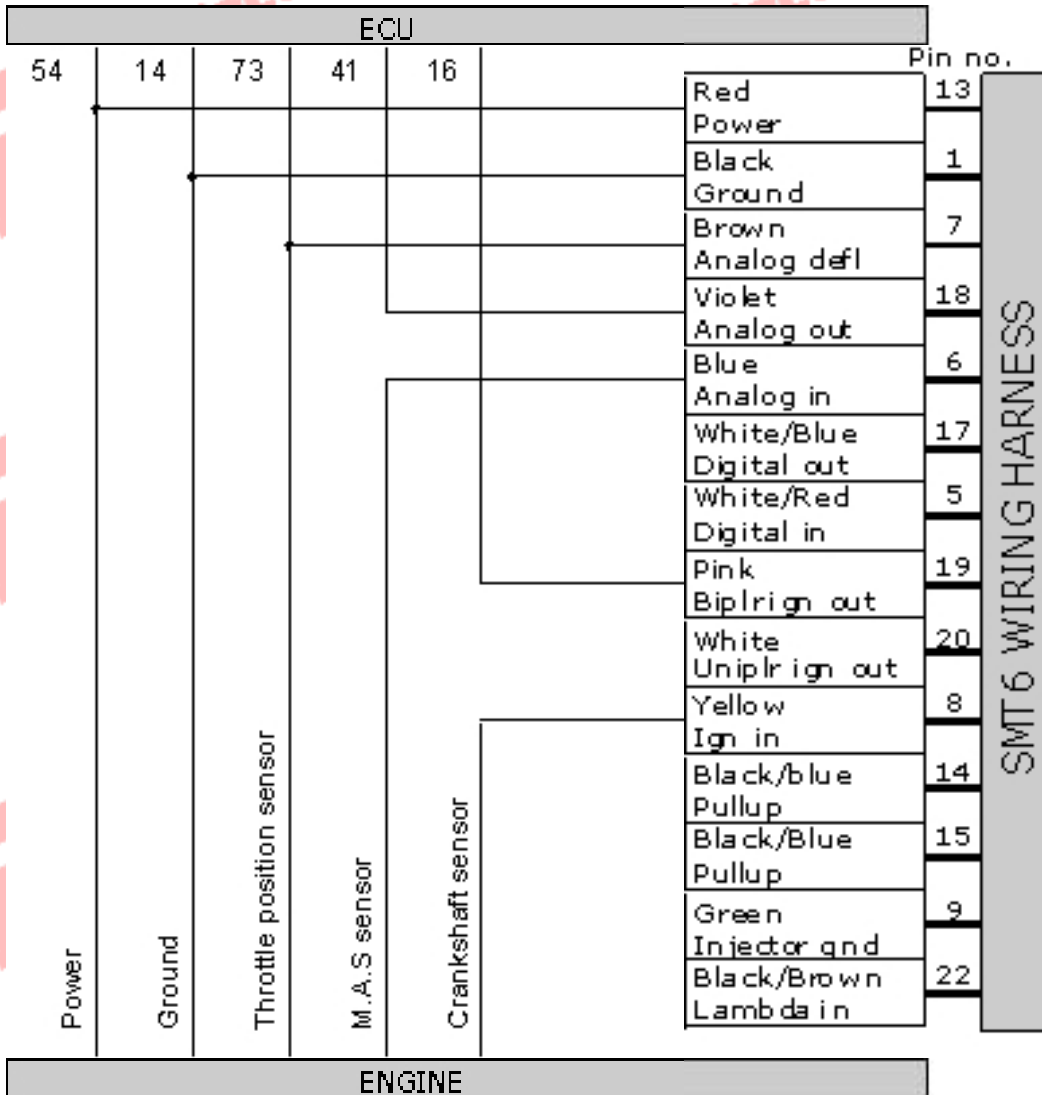
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders 6  
 Teeth per turn (incl miss) 60  
 Teeth per firing 20  
 Modes 1  
 System Config  
 Positive input pol ON  
 Positive output pol ON  
 Low level input ON  
 High frequency OFF  
 Interlaced OFF  
 One missing tooth OFF  
 Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

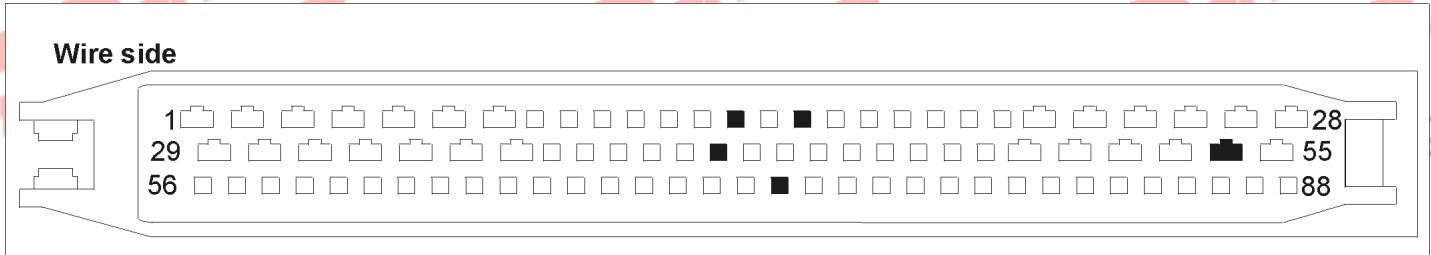
## Perfect Power Wiring Diagram



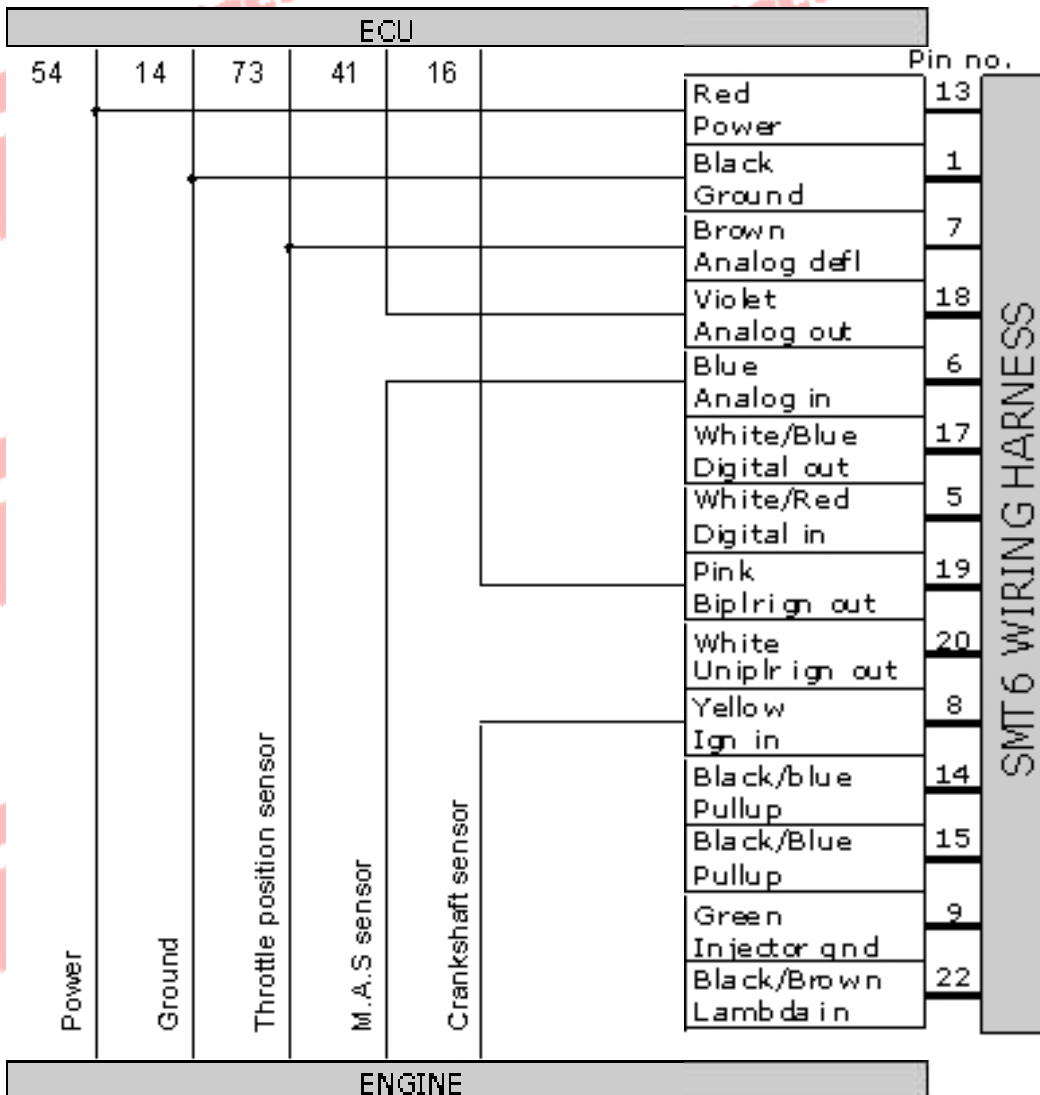
ECU make: Bosch Motronic 3.1      Vehicle make: BMW  
 Model: 3.2 M3 Double Vanos  
 Year:  
 Comments:  
 ECU Location: Engine by left side in wiper box

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders	4
Teeth per turn (incl miss)	60
Teeth per firing	30
Modes	1
System Config	
Positive input pol	ON
Positive output pol	ON
Low level input	ON
High frequency	OFF
Interlaced	OFF
One missing tooth	OFF
Lambda Input	OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

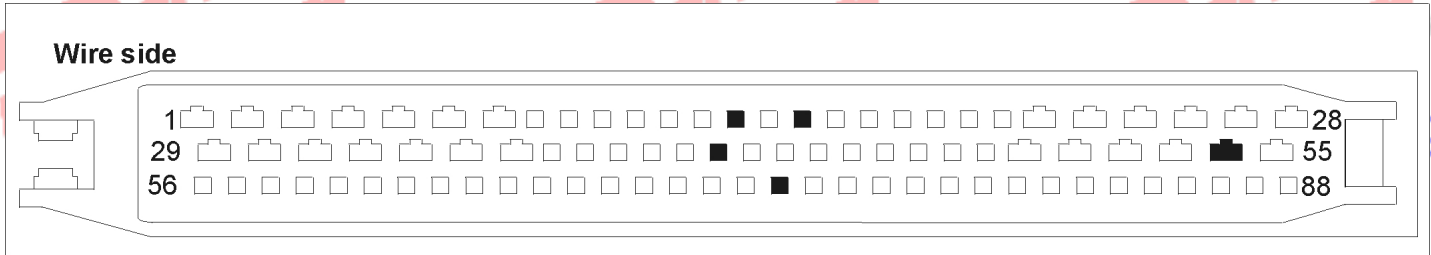


ECU make: Bosch Motronic M3.3.1  
 Model: 325i 24V Vanos (E36)  
 Year: 1992-97  
 Comments:  
 ECU Location: Behind battery console

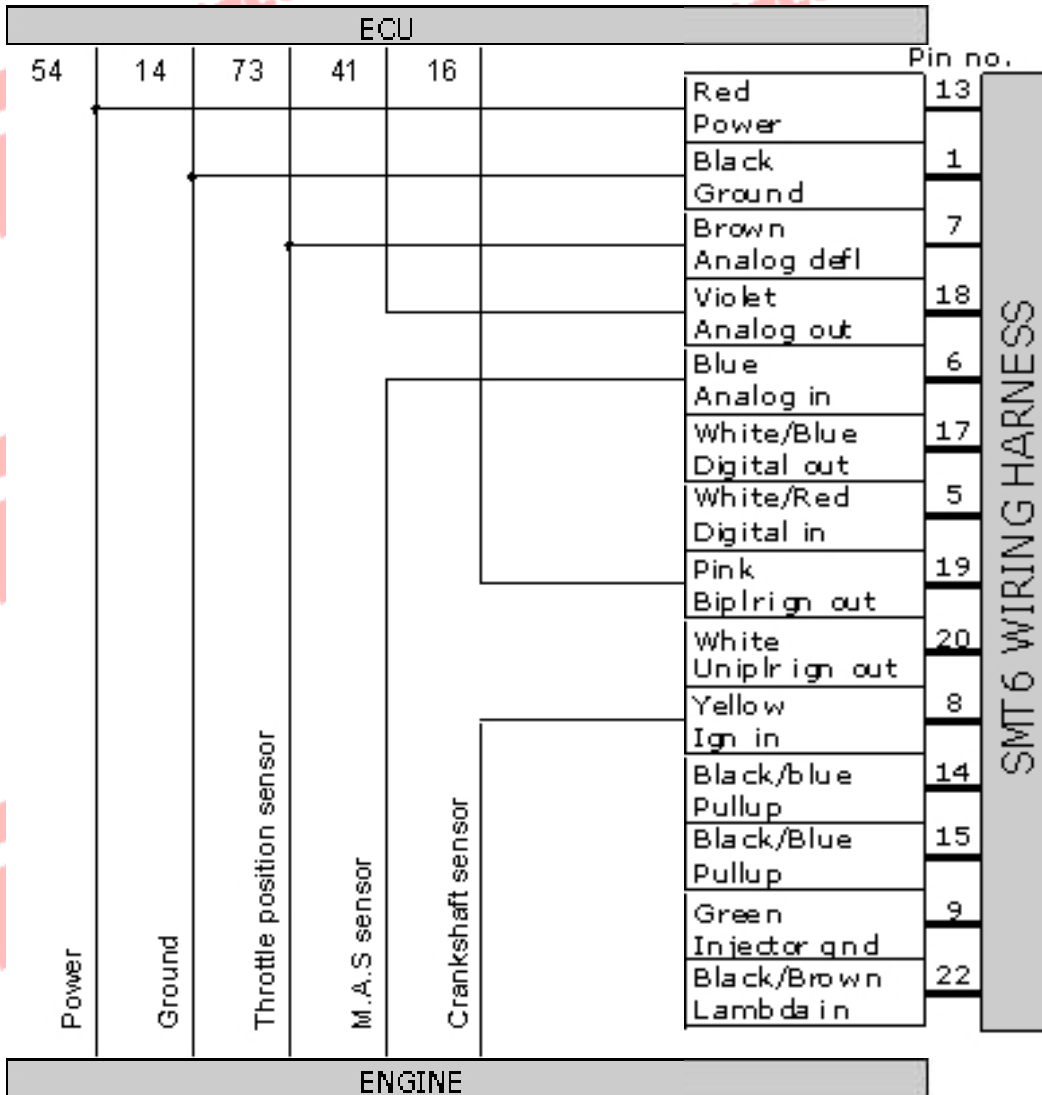
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders	6
Teeth per turn (incl miss)	60
Teeth per firing	20
Modes	1
System Config	
Positive input pol	ON
Positive output pol	ON
Low level input	ON
High frequency	OFF
Interlaced	OFF
One missing tooth	OFF
Lambda Input	OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

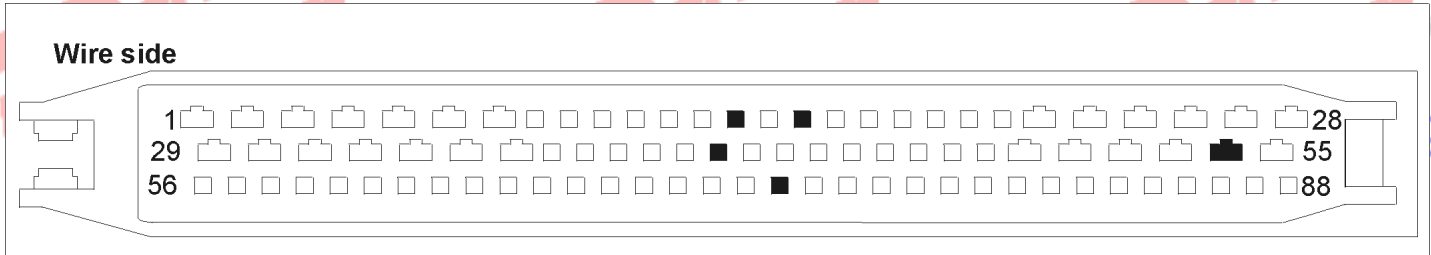


ECU make: Bosch Motronic M3.3.1  
 Model: 525i 24V Vanos (E34)  
 Year: 1992-96  
 Comments:  
 ECU Location: Passenger shock tower

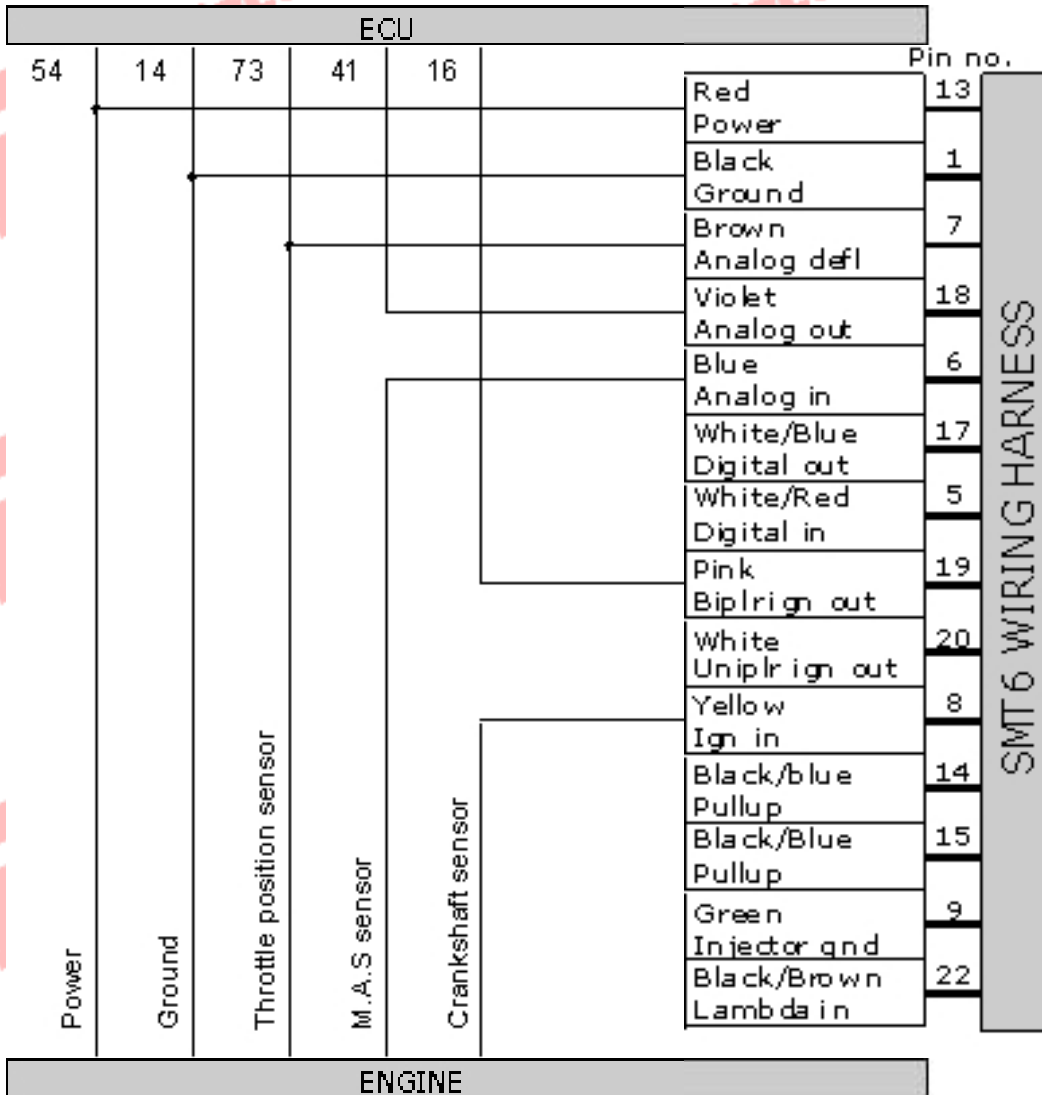
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 6
- Teeth per turn (incl miss) 60
- Teeth per firing 20
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

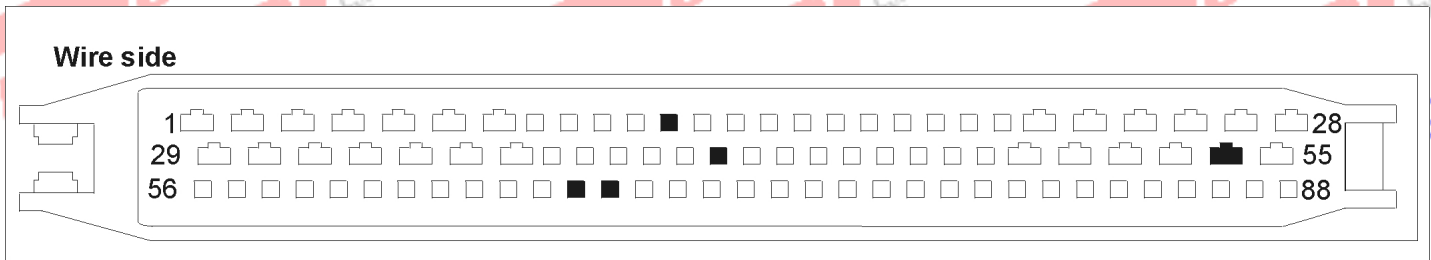
## Perfect Power Wiring Diagram



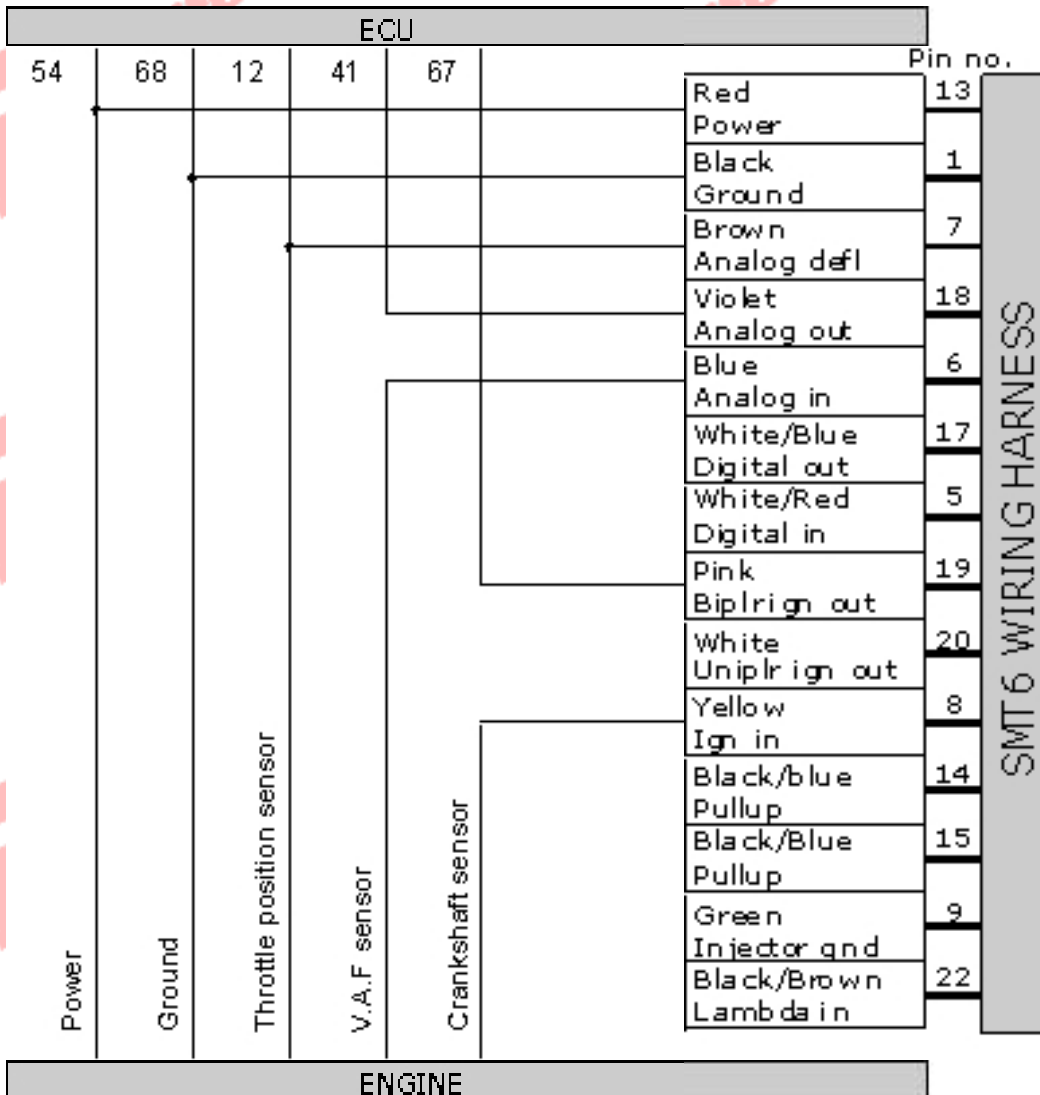
**ECU make:** \_\_\_\_\_ **Vehicle make:** BMW  
**Model:** 2.0 & 2.5 24V no Vanos  
**Year:** \_\_\_\_\_  
**Comments:** \_\_\_\_\_  
**ECU Location:** 5 series right hand side engine bay, 3 series left side in wiper box

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders	6
Teeth per turn(incl miss)	60
Teeth per firing	20
Modes	1
System Config	
Positive input pol	ON
Positive output pol	ON
Low level input	ON
High frequency	OFF
Interlaced	OFF
One missing tooth	OFF
Lambda Input	OFF

Click [here](#) for an explanation on how to use the global settings.



# Perfect Power Wiring Diagram

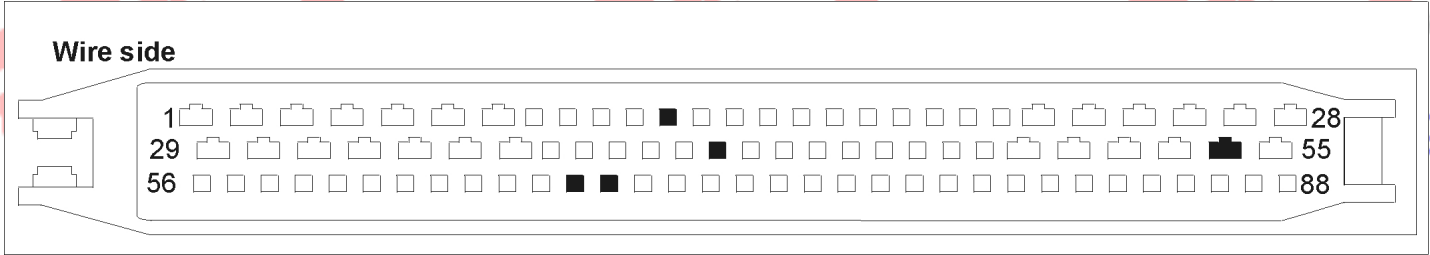


ECU make: Bosch Motronic M1.7  
 Model: 316i (E36) (16 4E 1)  
 Year: 1991-93  
 Comments:  
 ECU Location:

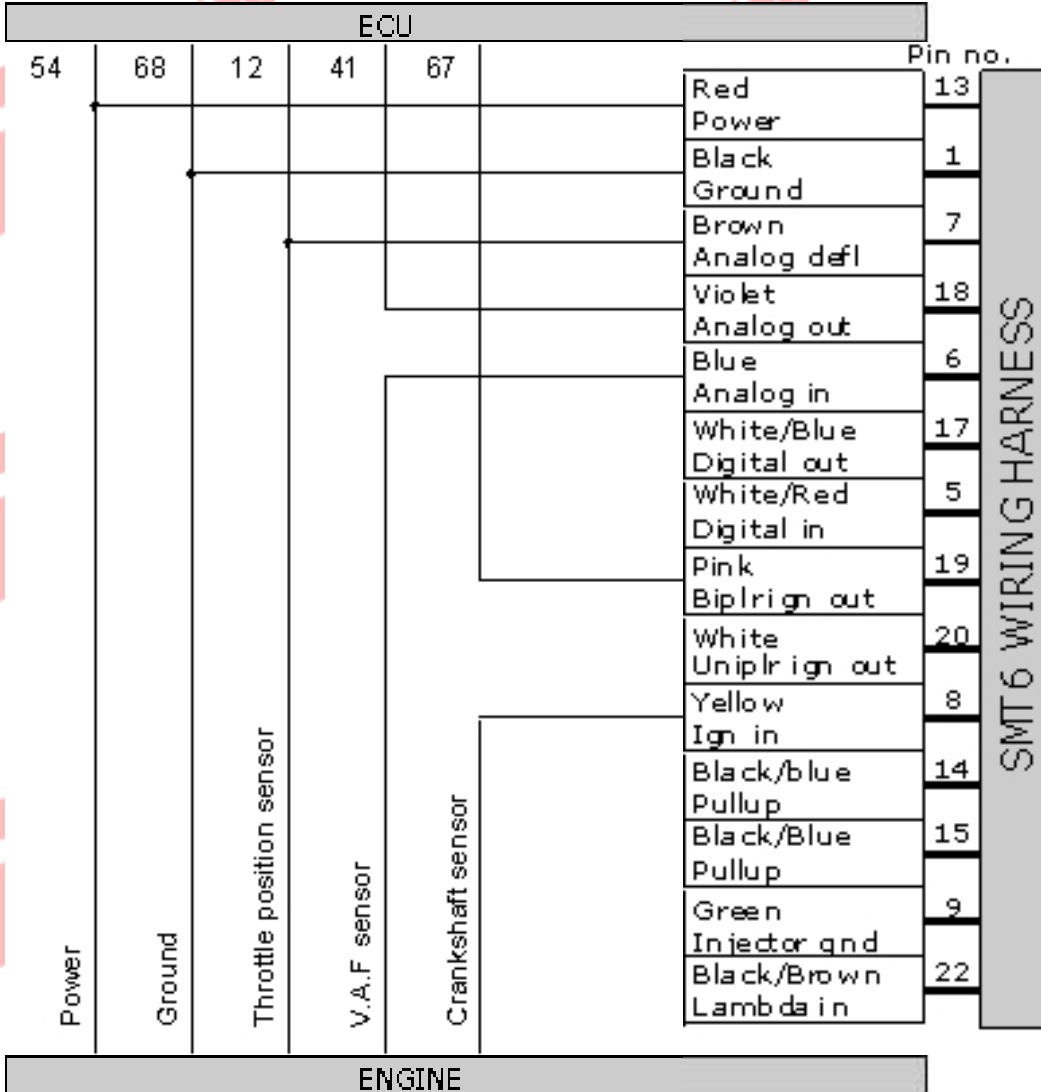
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
 Positive input pol ON  
 Positive output pol ON  
 Low level input ON  
 High frequency OFF  
 Interlaced OFF  
 One missing tooth OFF  
 Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

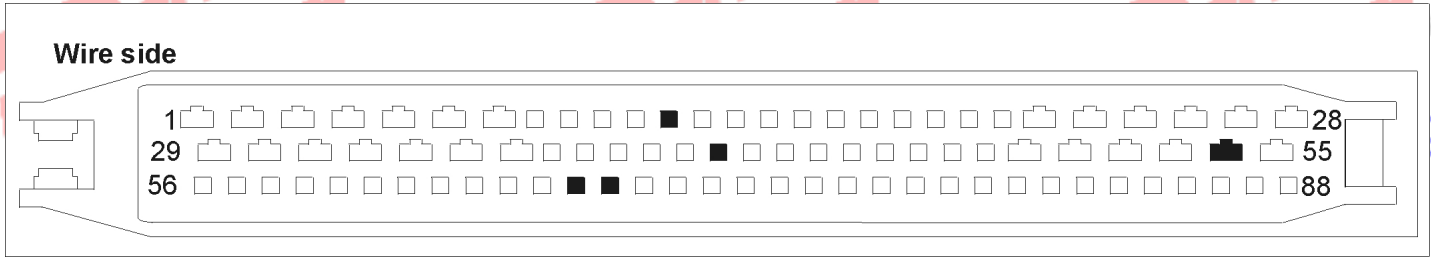


ECU make: Bosch Motronic M1.7  
 Model: 318i (E36) (18 4E 1)  
 Year: 1991-93  
 Comments:  
 ECU Location:

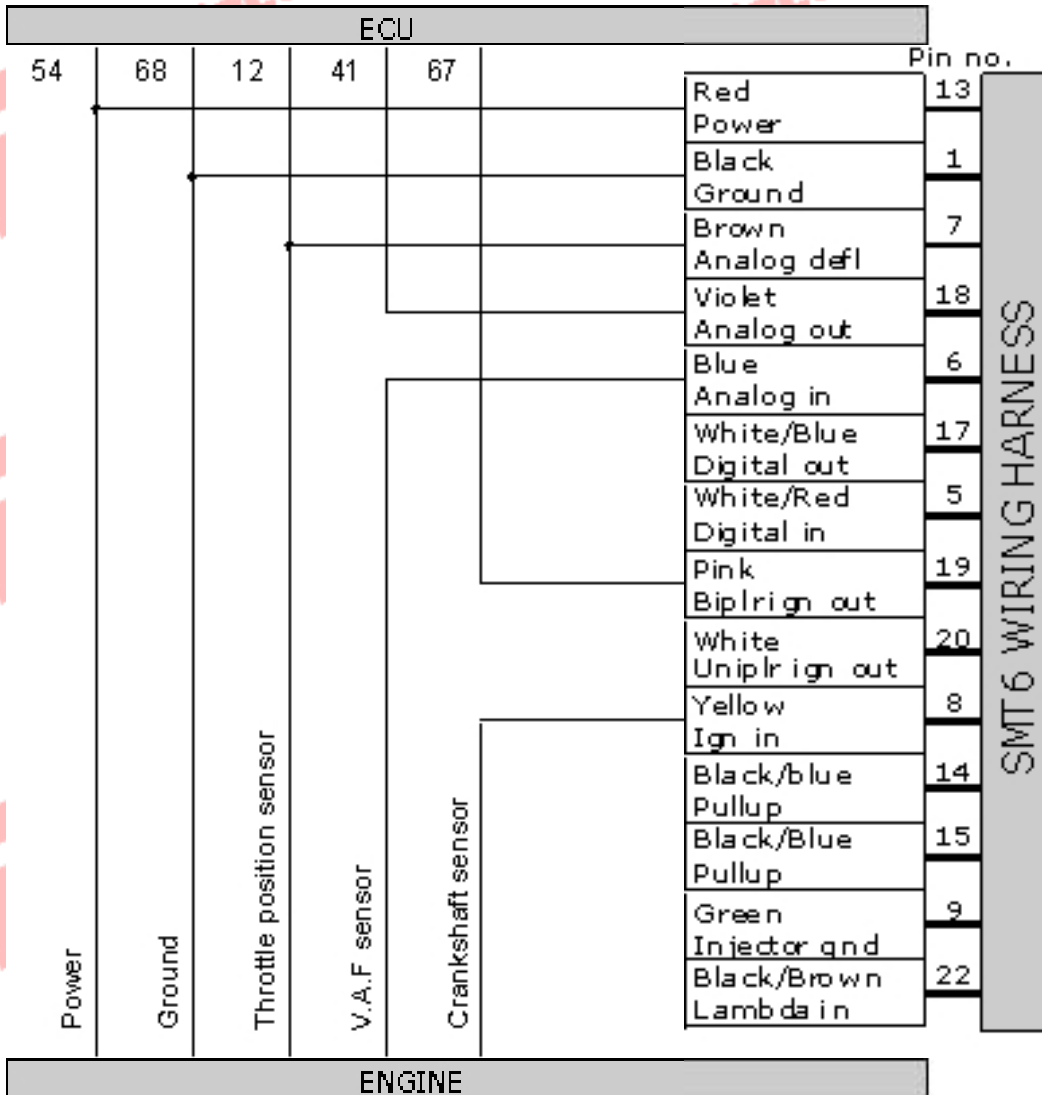
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

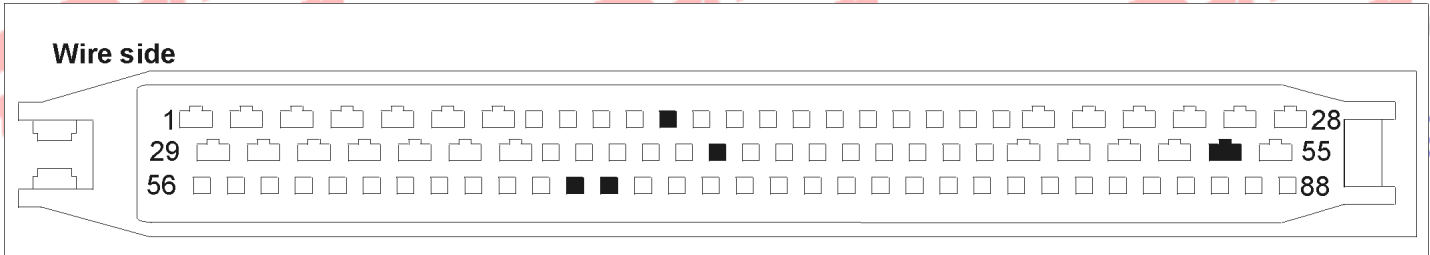


ECU make: Bosch Motronic M1.7  
 Model: 518i (E34)  
 Year: 1989-95  
 Comments:  
 ECU Location:

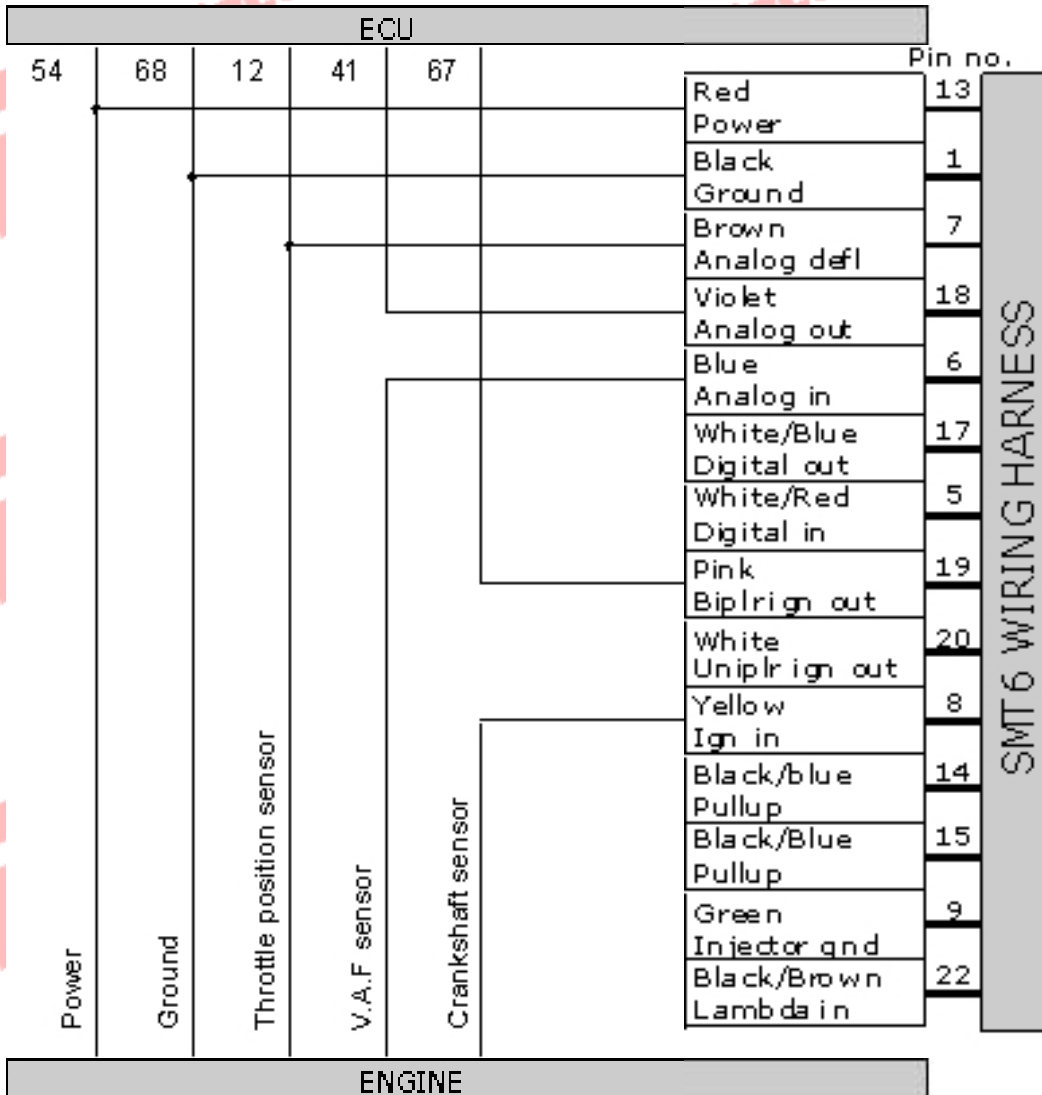
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram



ECU make:

Vehicle make: **BMW**

Model: 530 & 540 V8

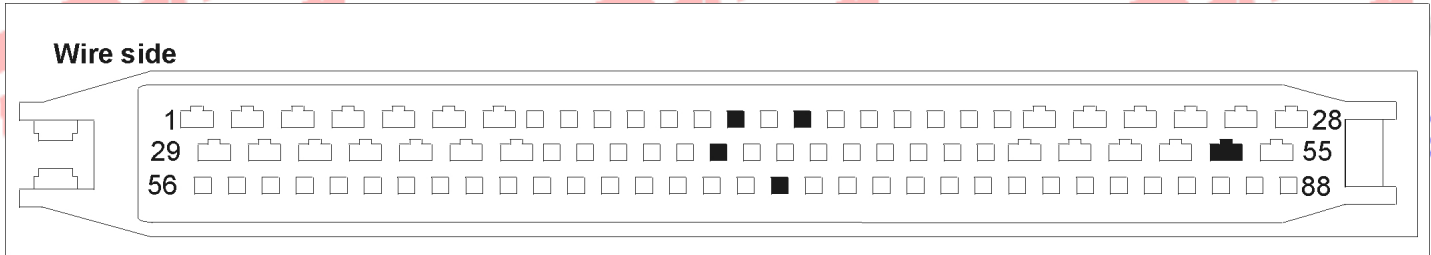
Year:

Comments:

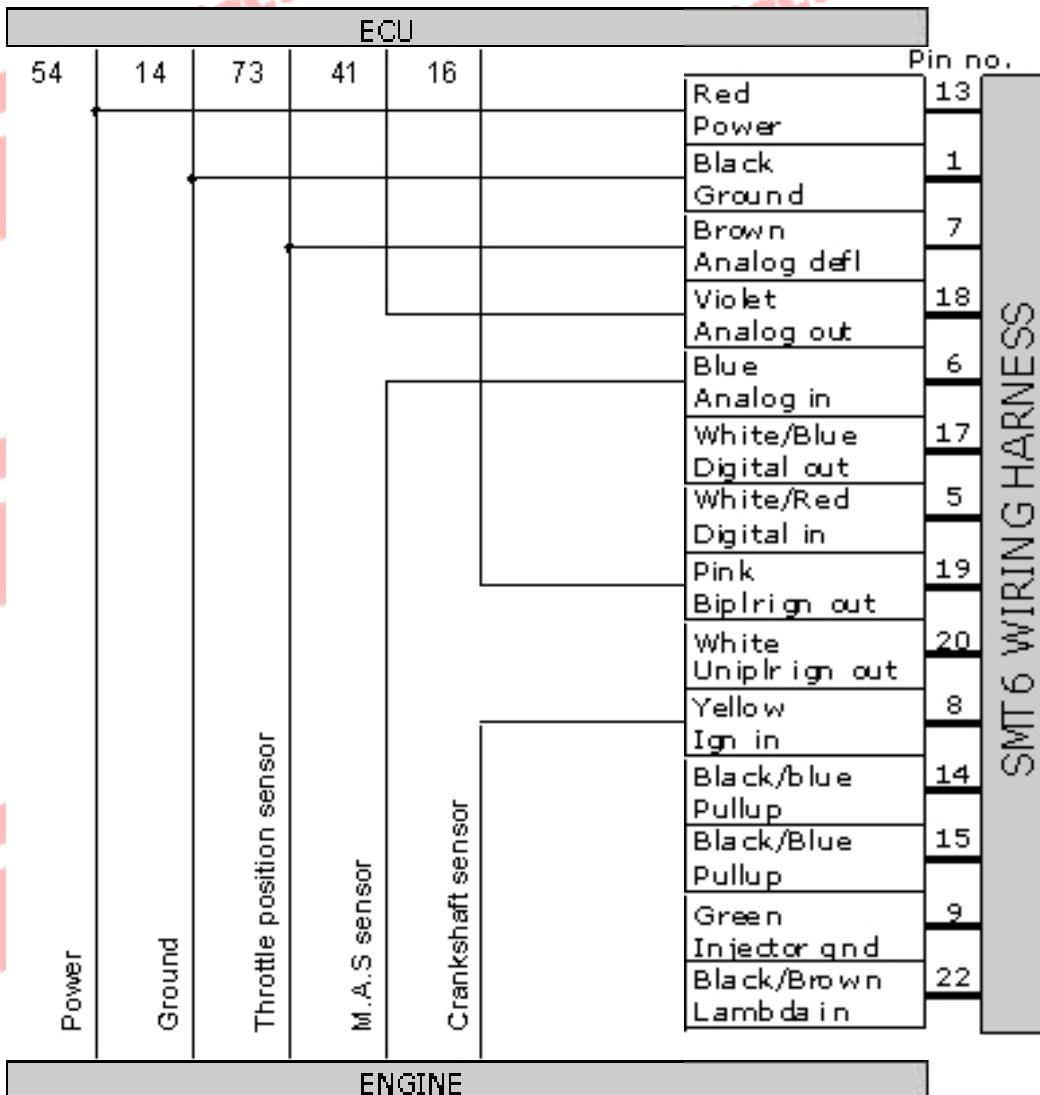
ECU Location: Engine bay in box on right hand side

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders	4
Teeth per turn (incl miss)	60
Teeth per firing	30
Modes	1
System Config	
Positive input pol	ON
Positive output pol	ON
Low level input	ON
High frequency	OFF
Interlaced	OFF
One missing tooth	OFF
Lambda Input	OFF

Click [here](#) for an explanation on how to use the global settings.

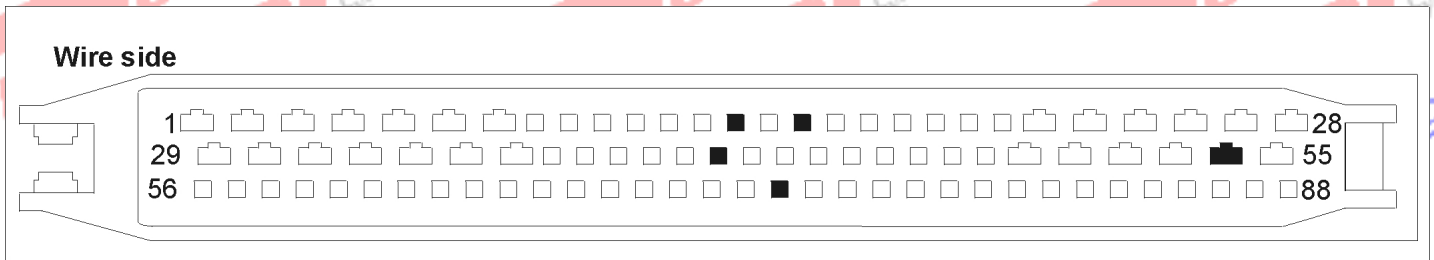
## Perfect Power Wiring Diagram



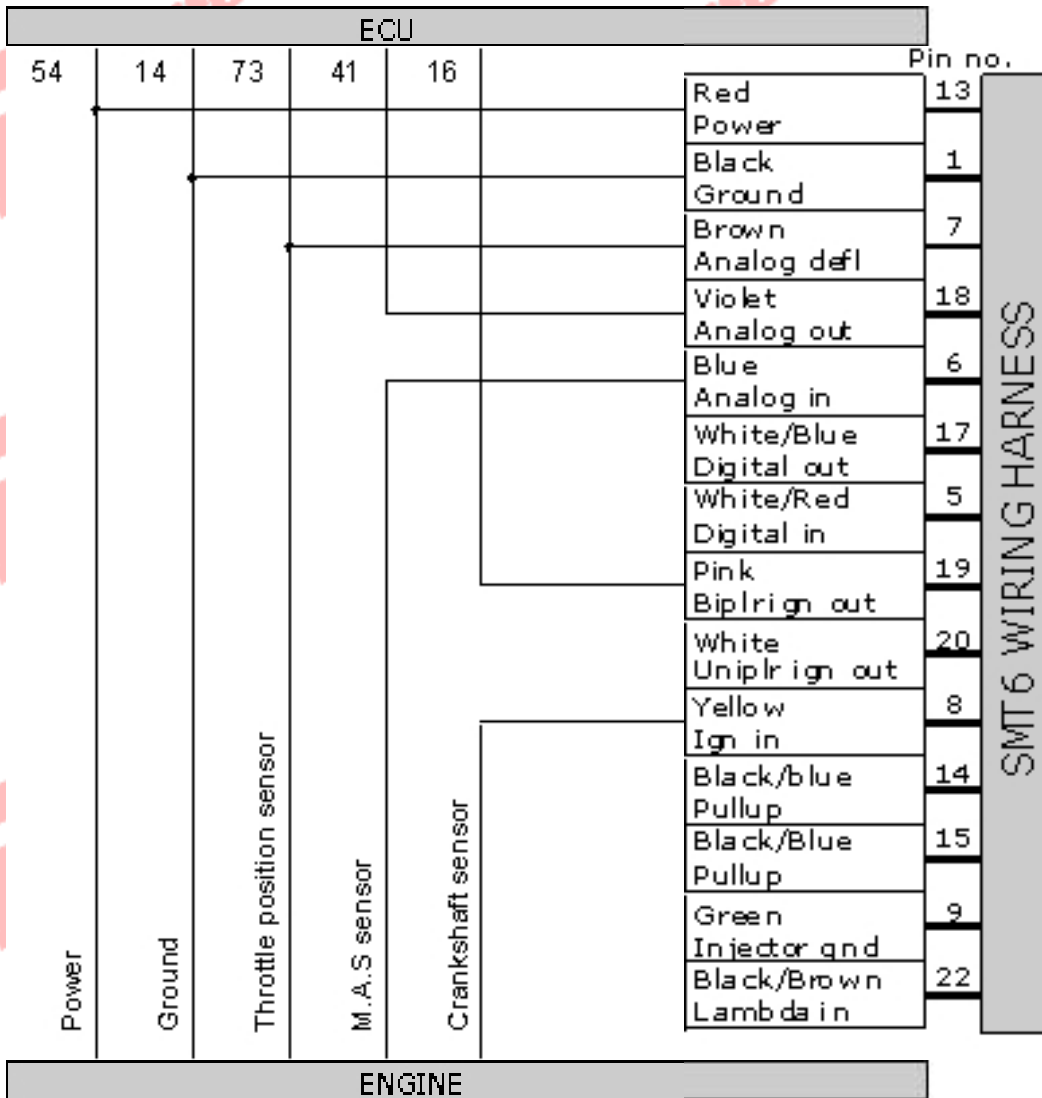
**ECU make:** \_\_\_\_\_ **Vehicle make:** BMW  
**Model:** 2L & 2.5L 24V with Vanos  
**Year:** \_\_\_\_\_  
**Comments:** \_\_\_\_\_  
**ECU Location:** Plastic box on right hand side of engine bay for series 5 left hand side in wiper box for series 3

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders	4
Teeth per turn(incl miss)	60
Teeth per firing	30
Modes	1
System Config	
Positive input pol	ON
Positive output pol	ON
Low level input	ON
High frequency	OFF
Interlaced	OFF
One missing tooth	OFF
Lambda Input	OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

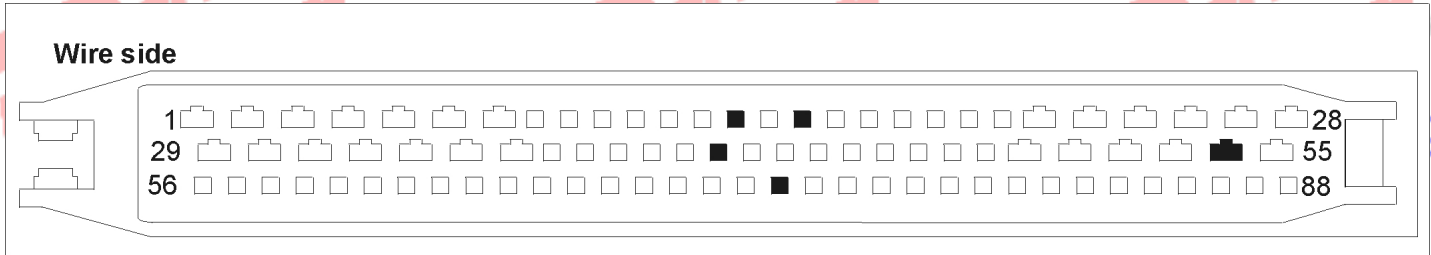


ECU make:  
 Model: 3.0L M3 with Vanos  
 Year:  
 Comments:  
 ECU Location: Left hand side engine bay in wiper box

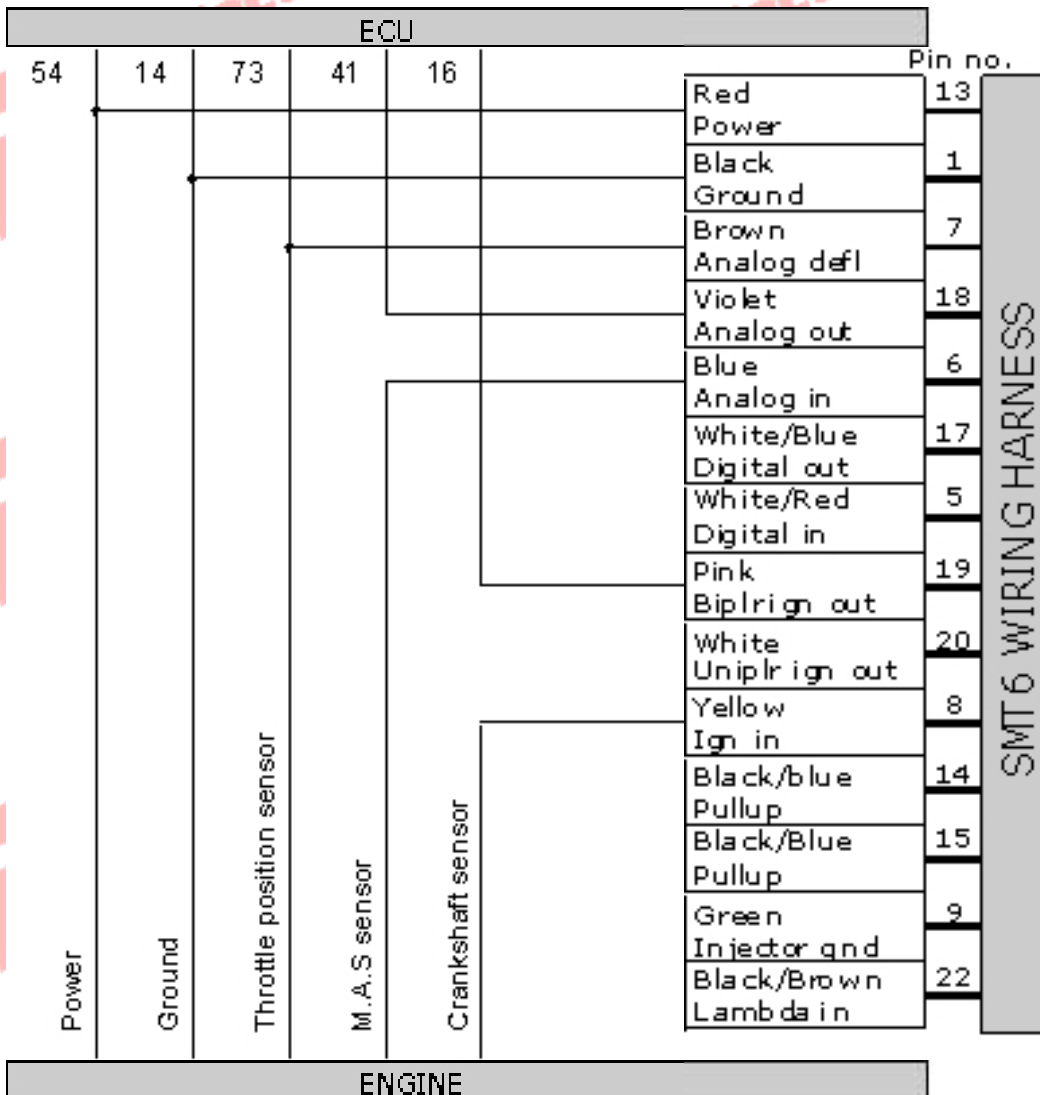
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

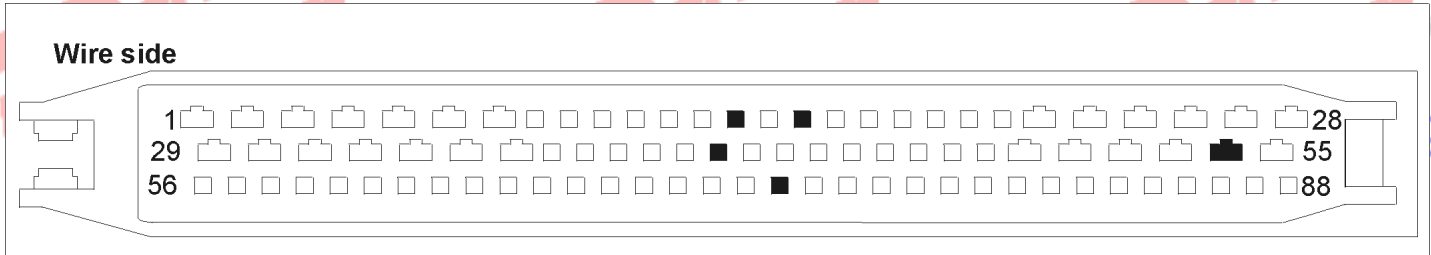


ECU make: Bosch Motronic M3.3  
 Model: 530i (E34)  
 Year: 1992-96  
 Comments:  
 ECU Location: Passenger shock tower

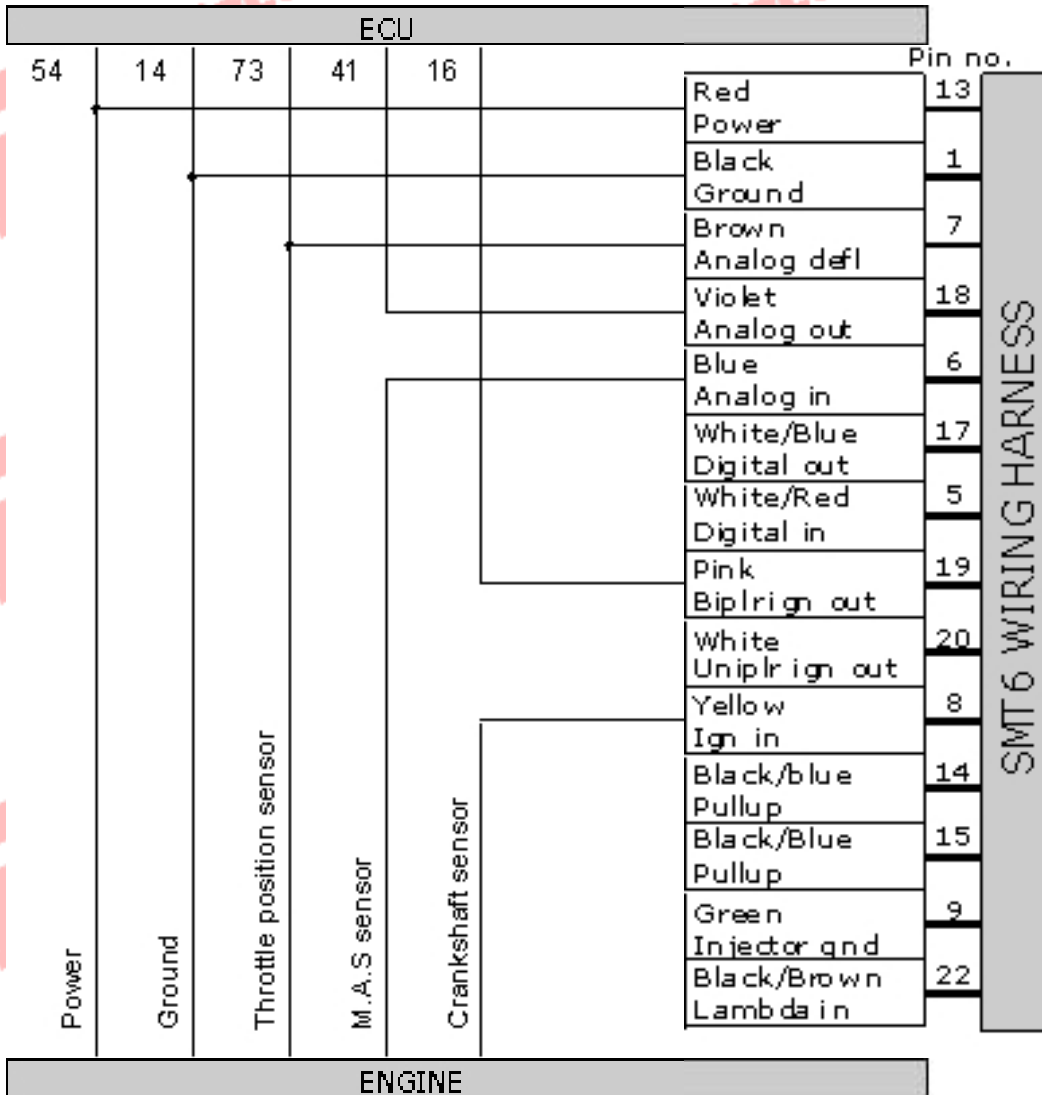
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

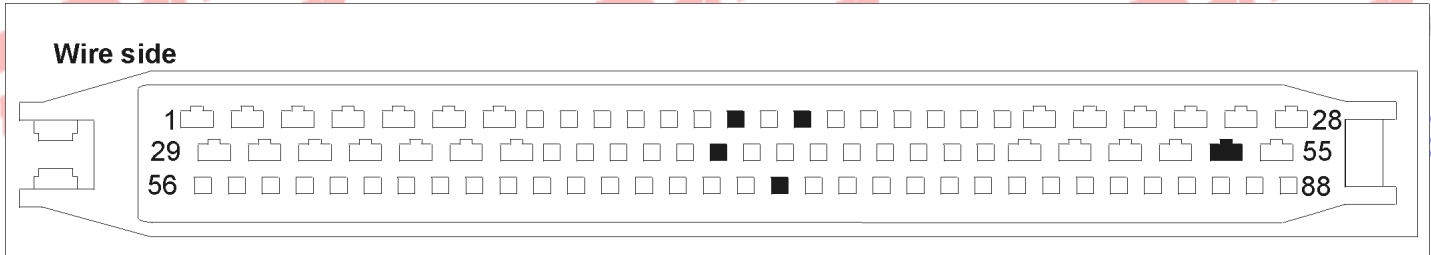


ECU make: Bosch Motronic M3.3  
 Model: 540i (E34)  
 Year: 1992-96  
 Comments:  
 ECU Location: Passenger shock tower

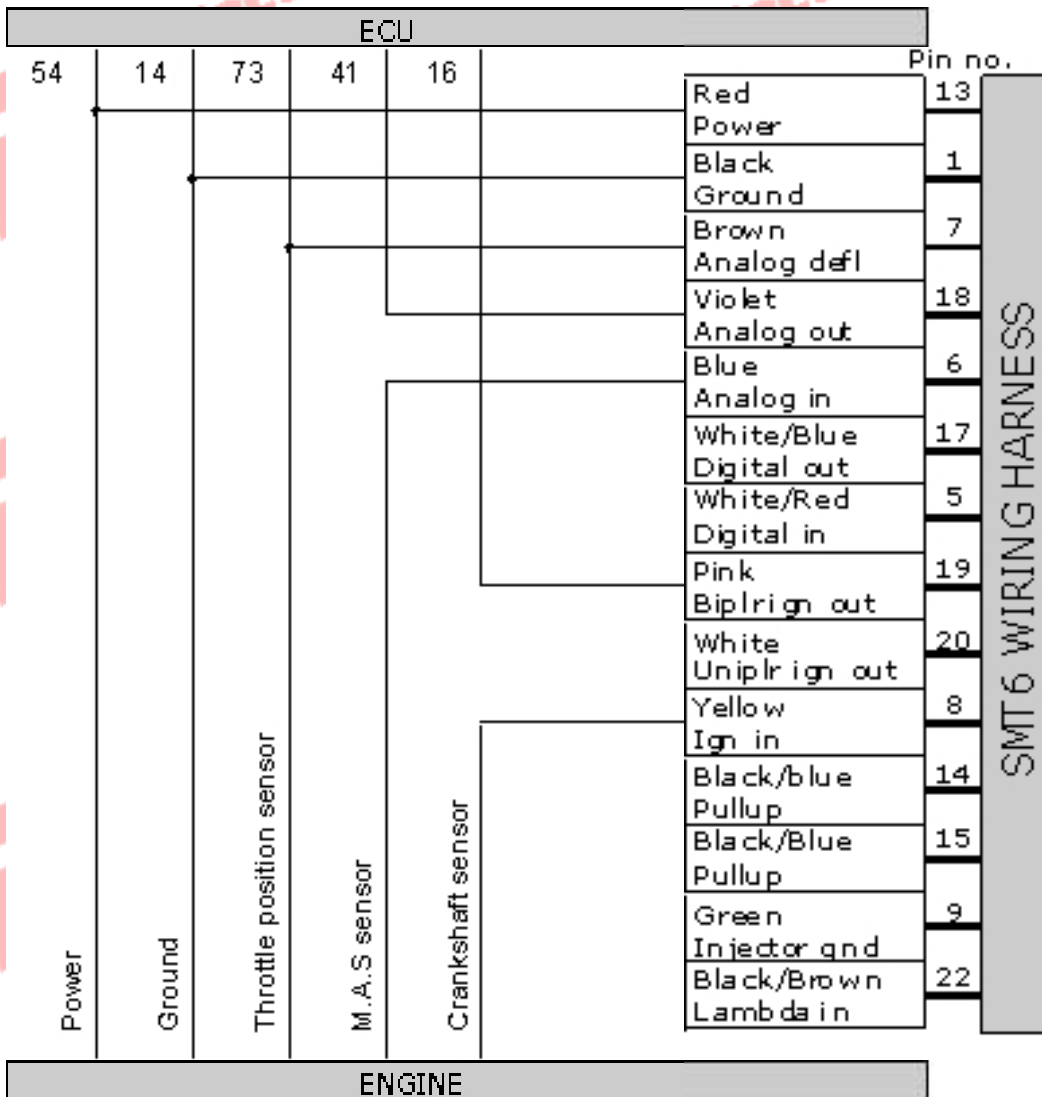
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.



# Perfect Power Wiring Diagram

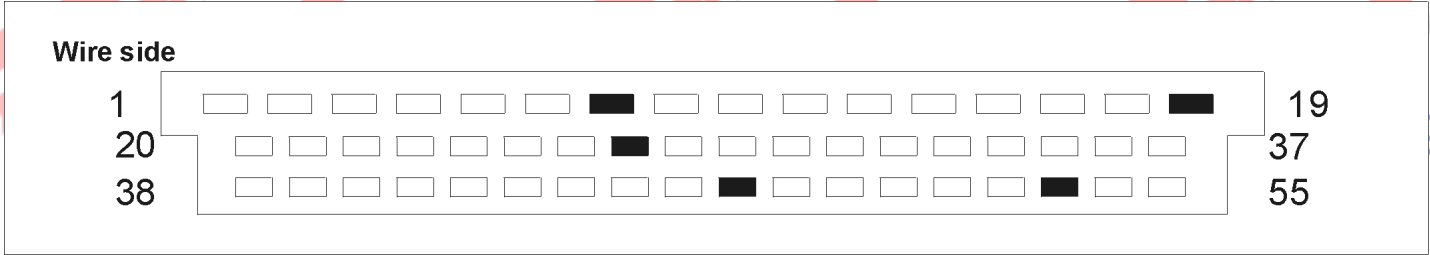


ECU make:  
 Model: 316 M40  
 Year:  
 Comments:  
 ECU Location: Under instrument panel

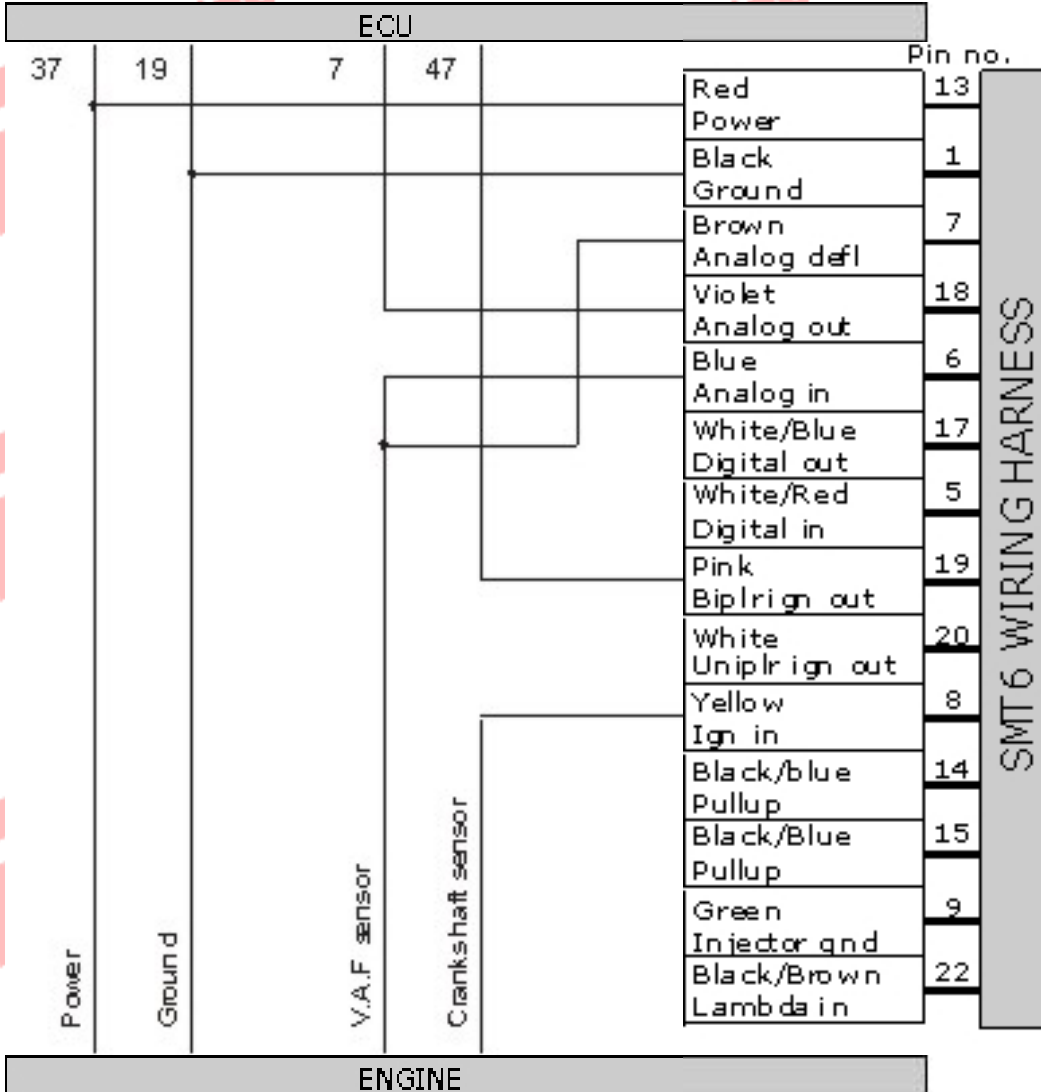
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

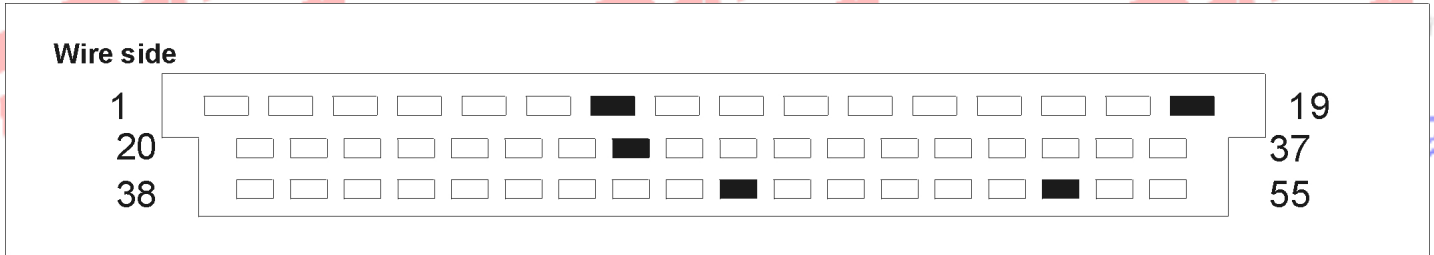


ECU make: Bosch Motronic M1.1/1.3  
 Model: 316i/318i (E30)  
 Year: 1988-93  
 Comments:  
 ECU Location:

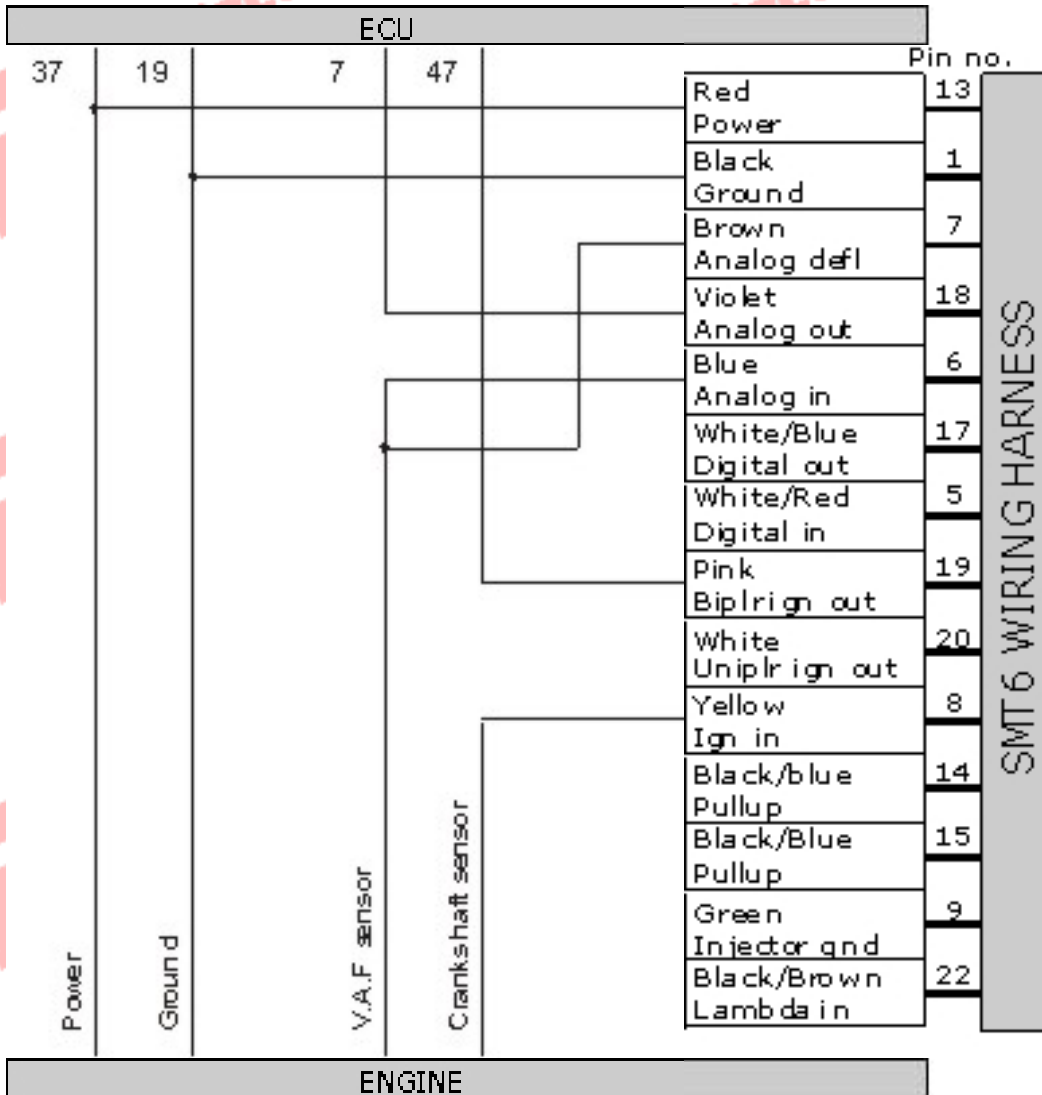
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

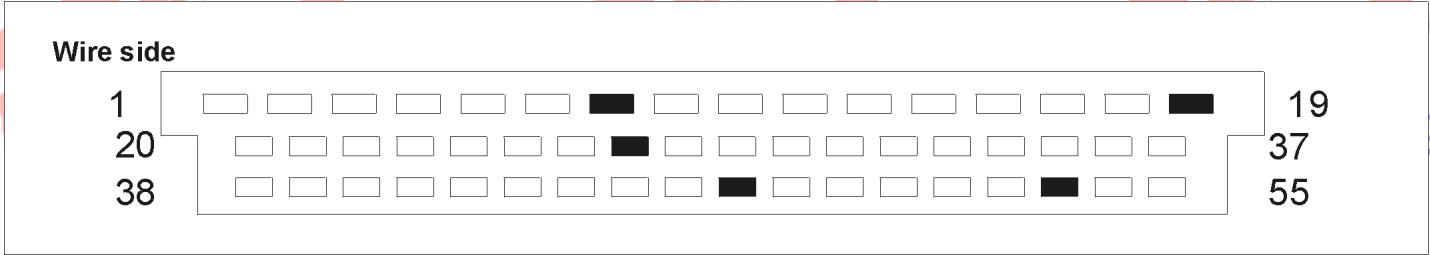


ECU make: Bosch Motronic M1.1/1.3  
 Model: 320i (E30)  
 Year: 1986-93  
 Comments:  
 ECU Location:

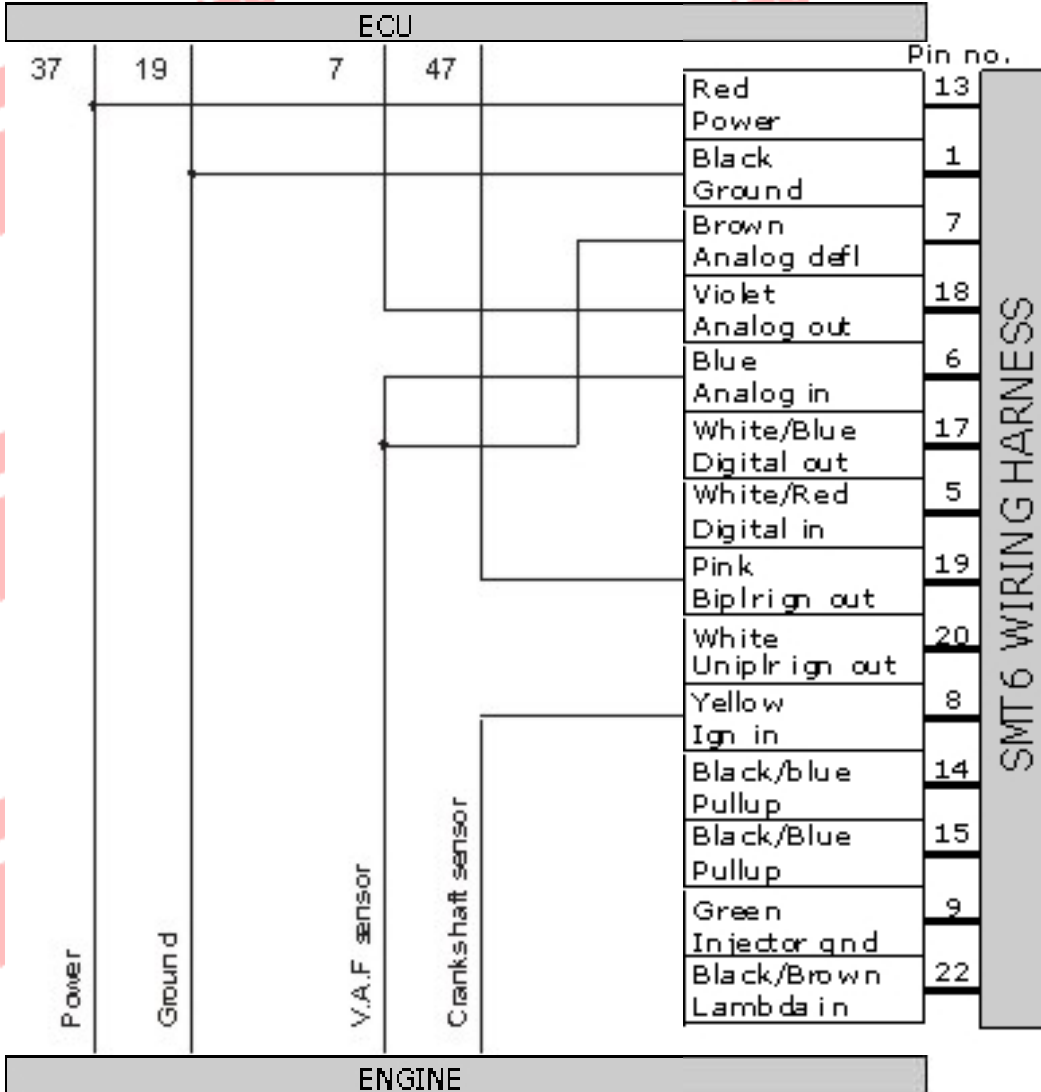
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

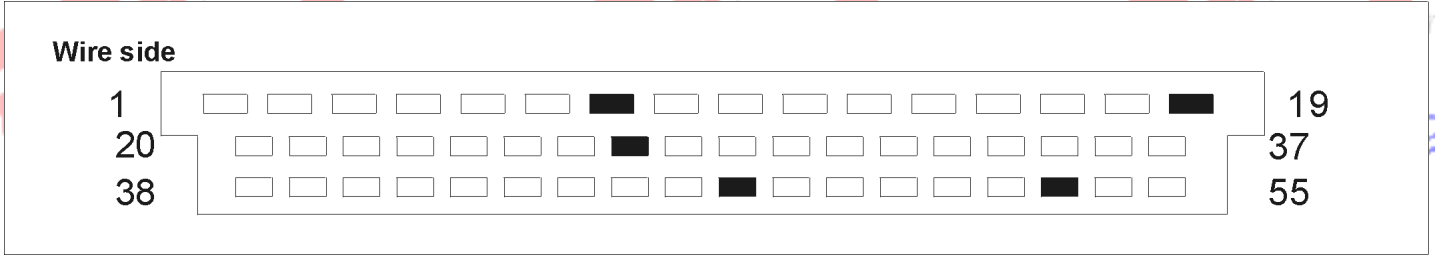


ECU make: Bosch Motronic M1.1/1.3  
 Model: 325i/325e (E30)  
 Year: 1985-93  
 Comments:  
 ECU Location:

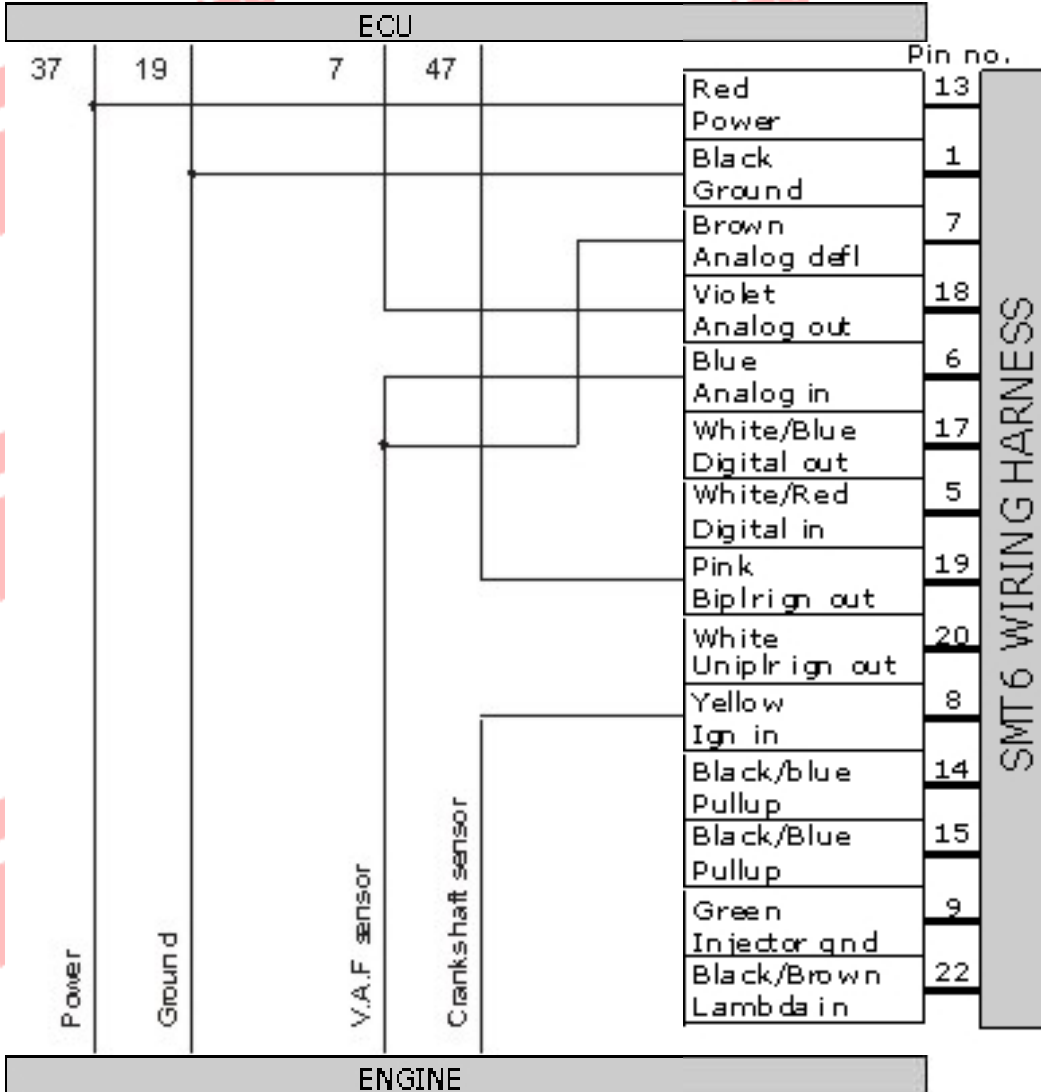
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

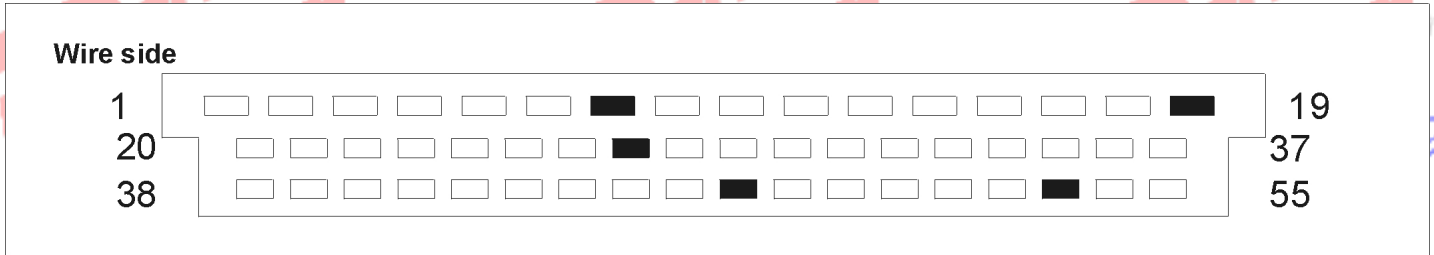


ECU make: Bosch Motronic M1.1/1.3  
 Model: 318i (E36)  
 Year: 1991-93  
 Comments:  
 ECU Location:

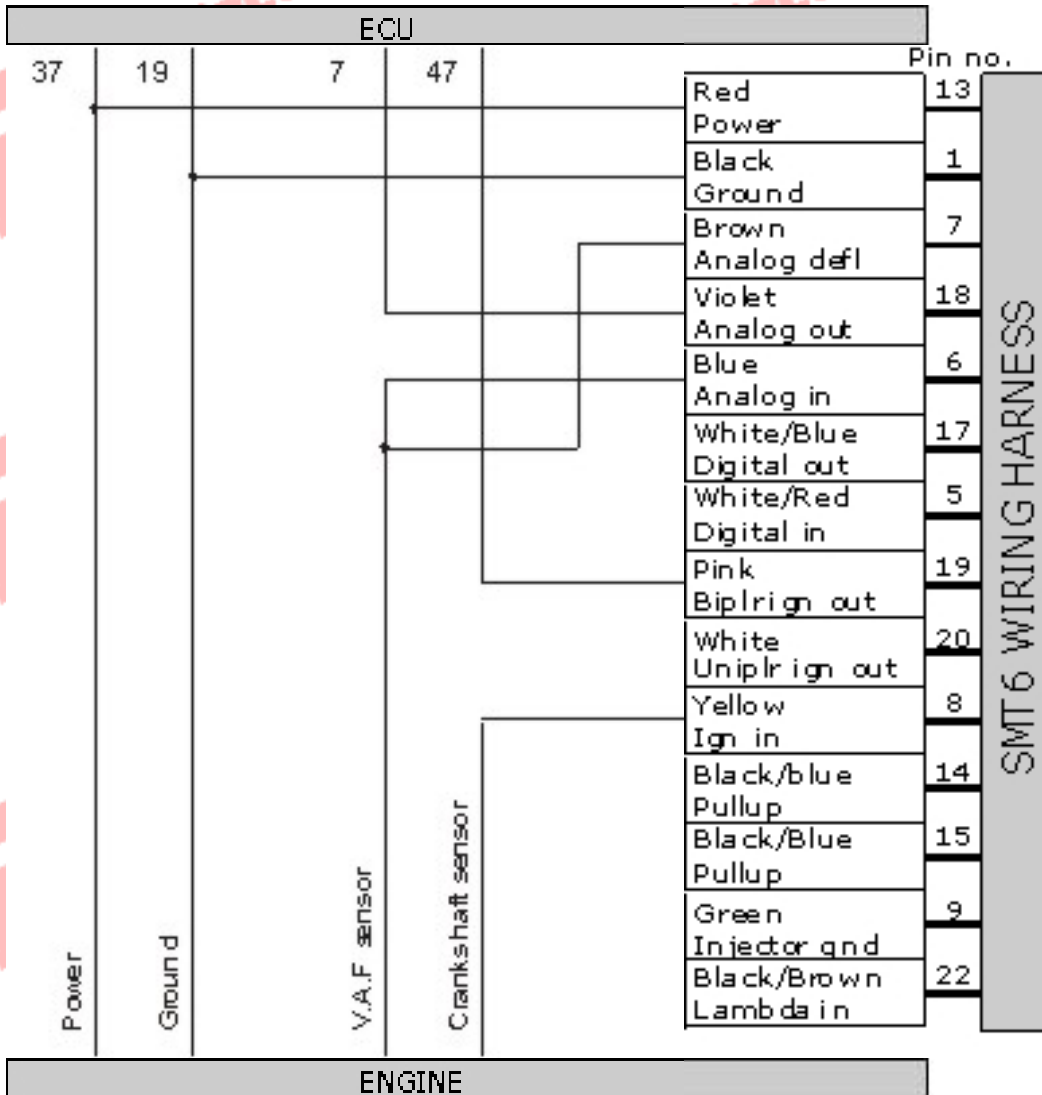
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
 Positive input pol ON  
 Positive output pol ON  
 Low level input ON  
 High frequency OFF  
 Interlaced OFF  
 One missing tooth OFF  
 Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

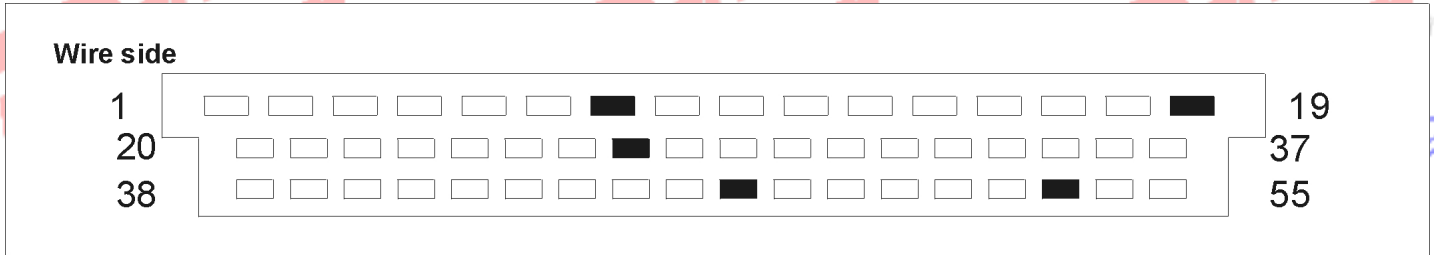


ECU make: Bosch Motronic M1.1/1.3  
 Model: 518i (E34)  
 Year: 1991-93  
 Comments:  
 ECU Location:

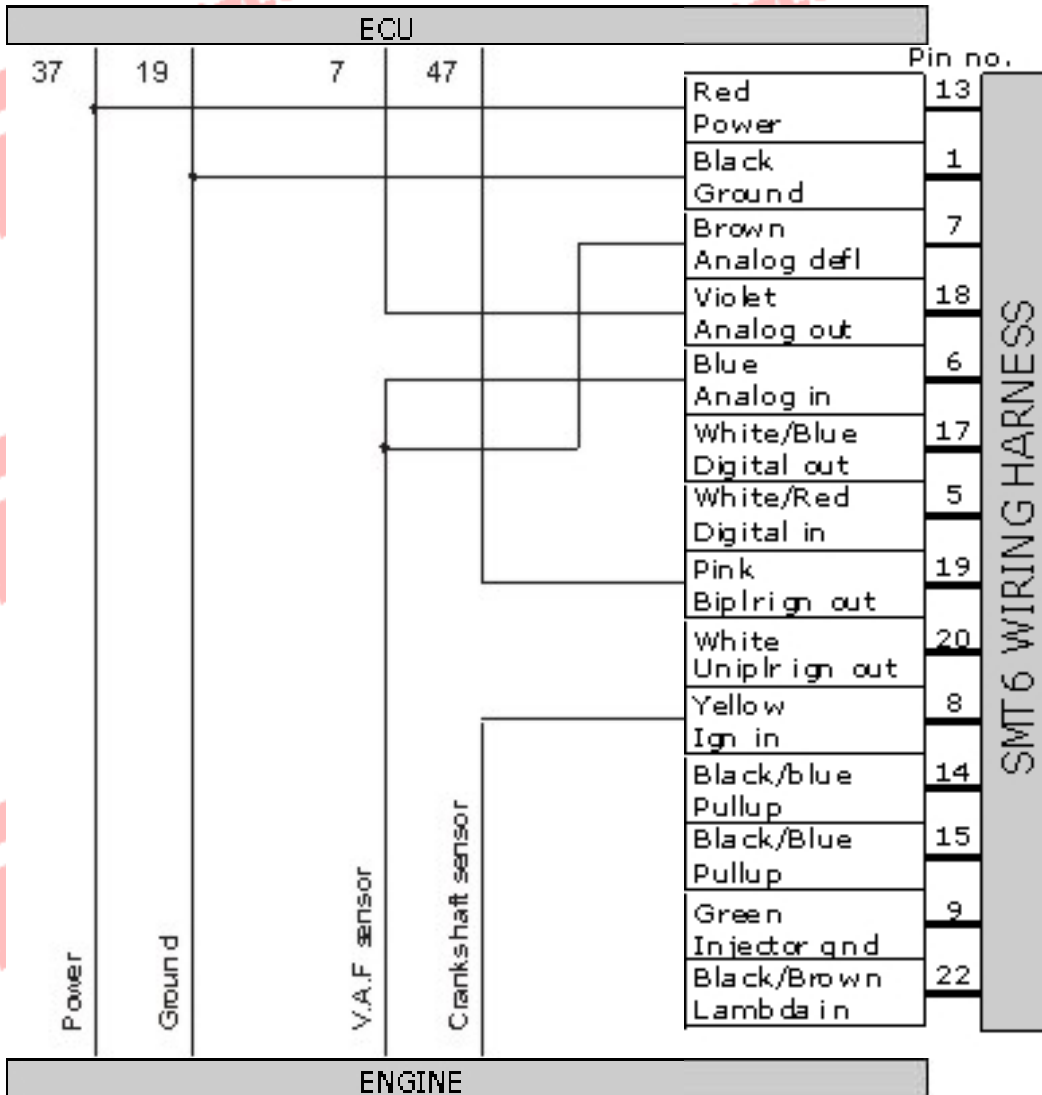
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

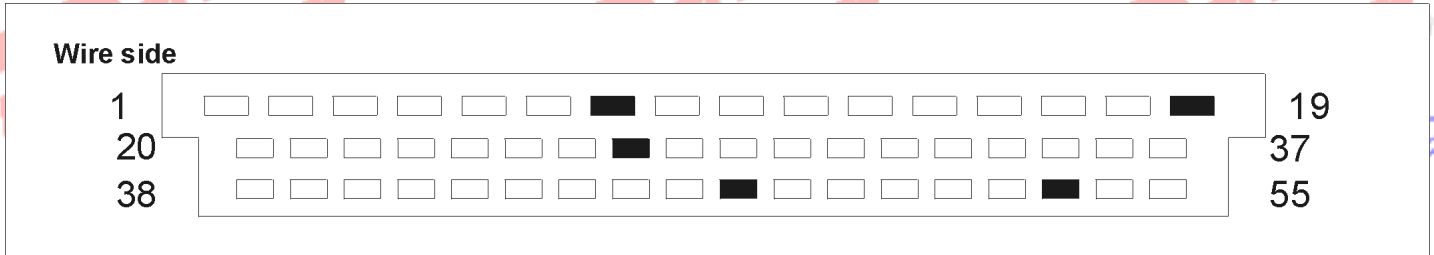


ECU make: Bosch Motronic M1.1/1.3  
 Model: 520i (E34)  
 Year: 1991-93  
 Comments:  
 ECU Location:

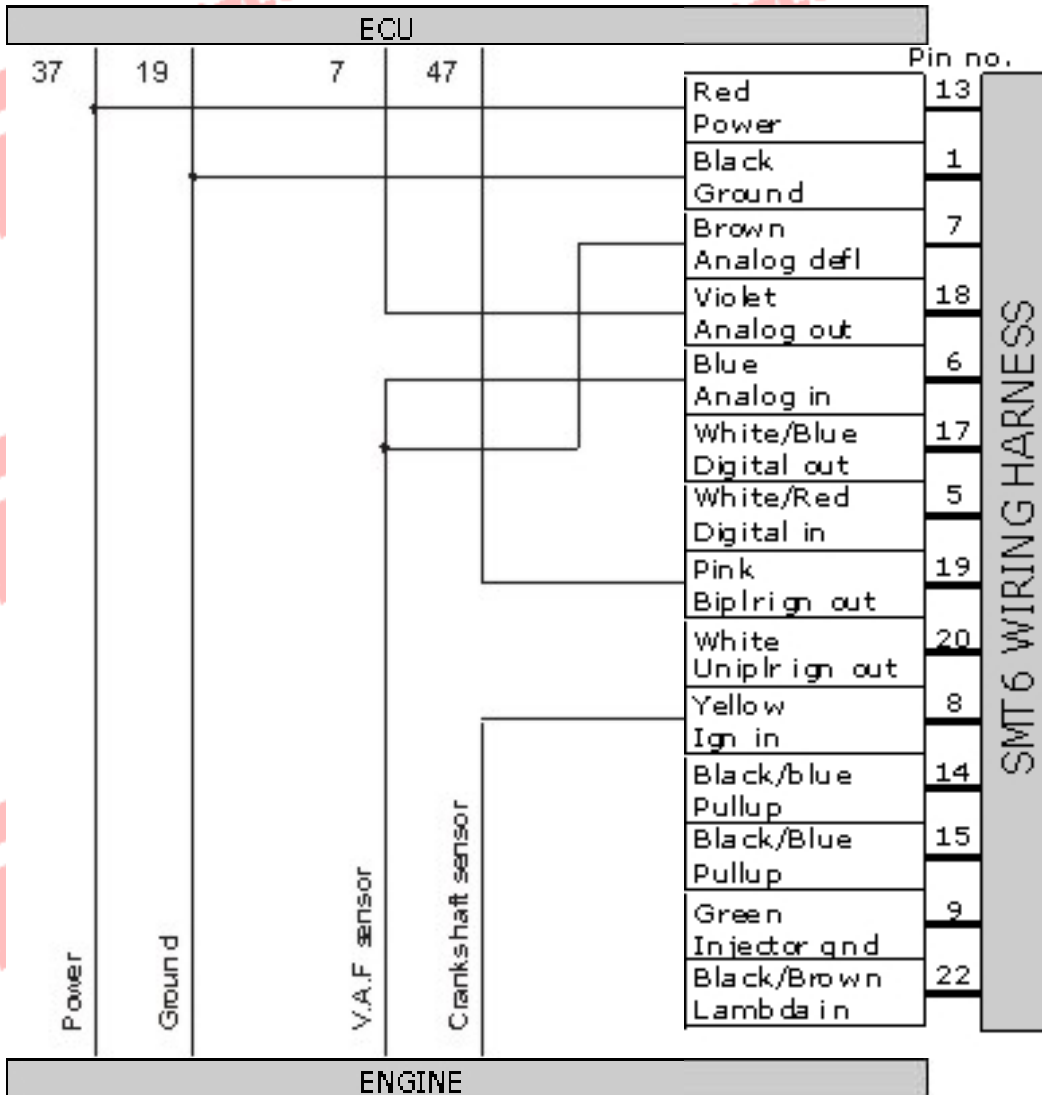
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

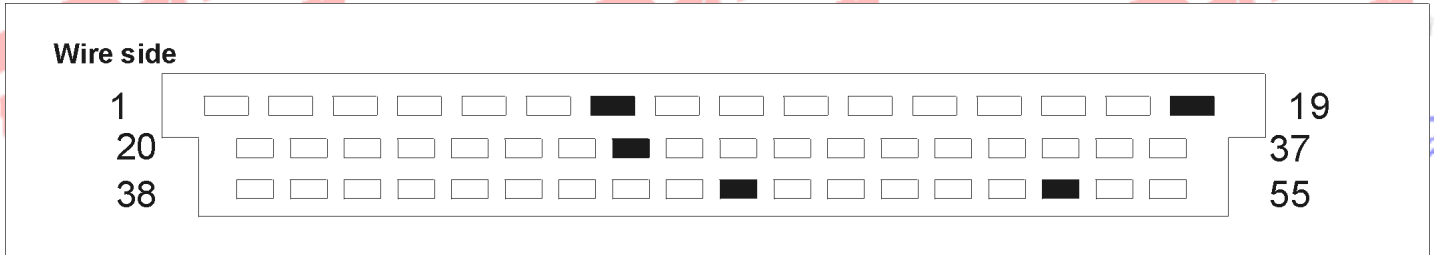


ECU make: Bosch Motronic M1.1/1.3  
 Model: 525i (E34)  
 Year: 1988-93  
 Comments:  
 ECU Location:

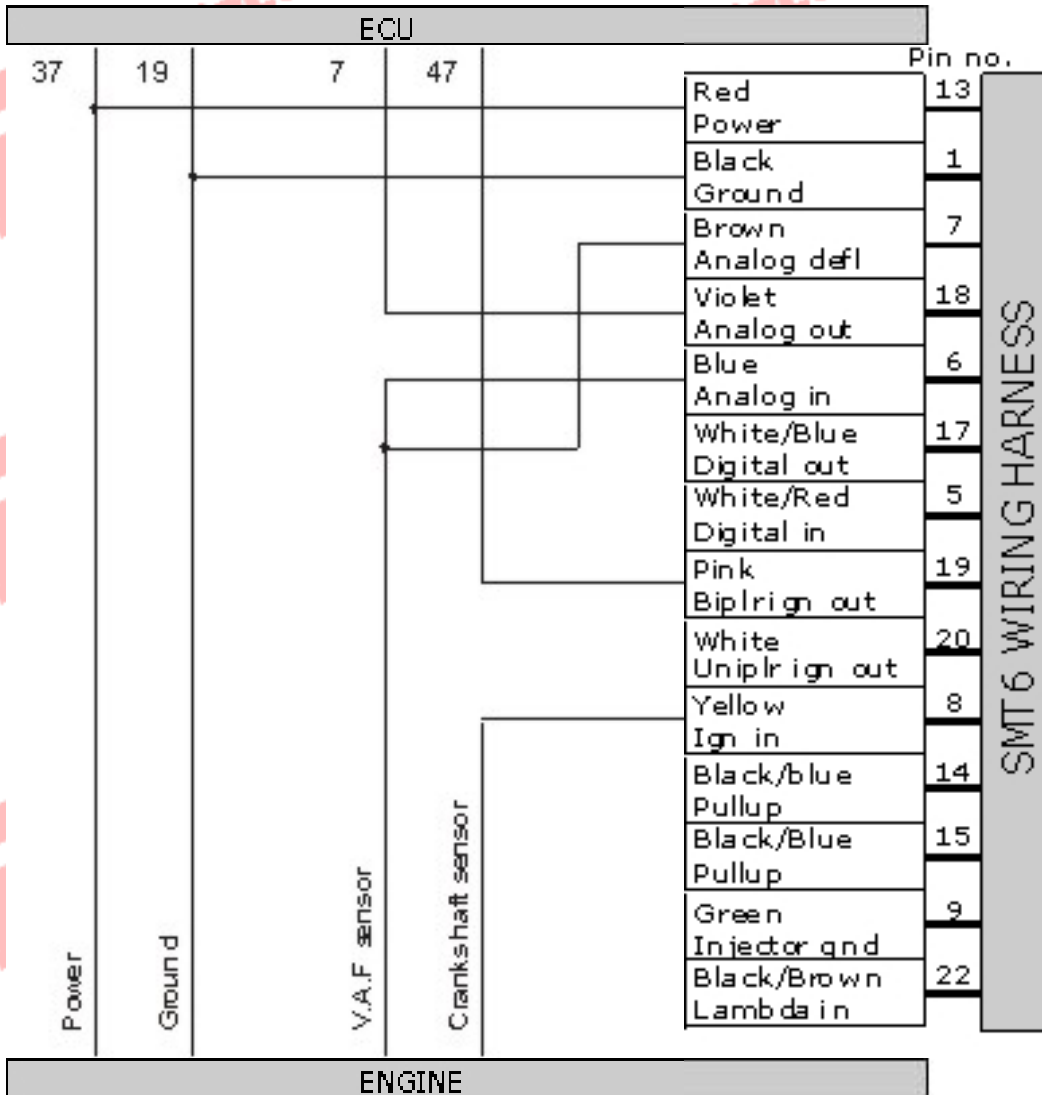
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.



## Perfect Power Wiring Diagram

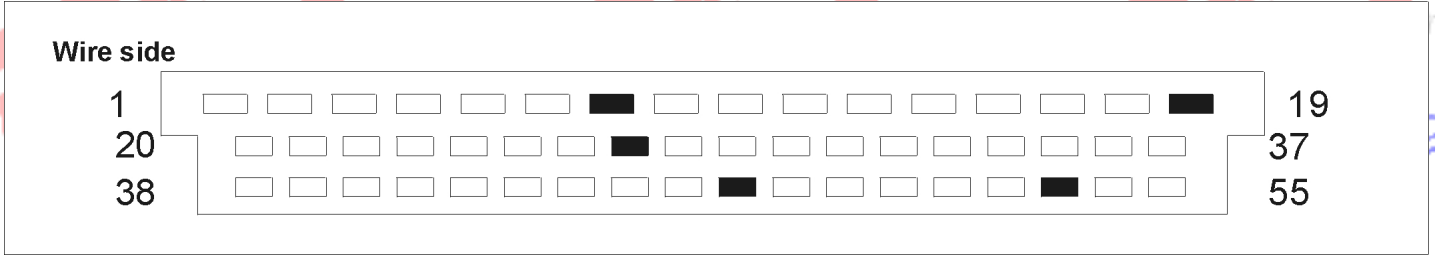


ECU make: Bosch Motronic M1.1/1.3  
 Model: 530i (E34)  
 Year: 1988-93  
 Comments:  
 ECU Location:

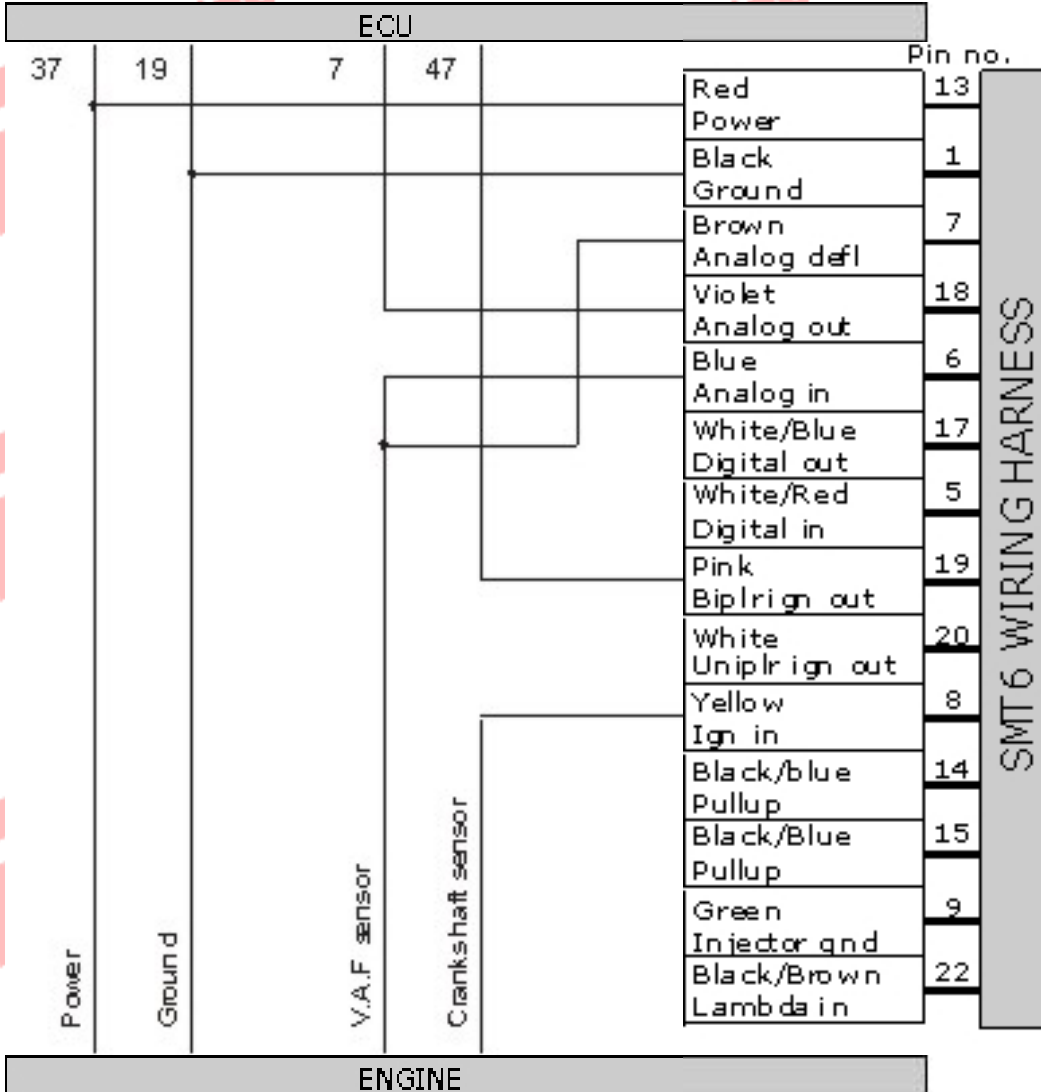
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

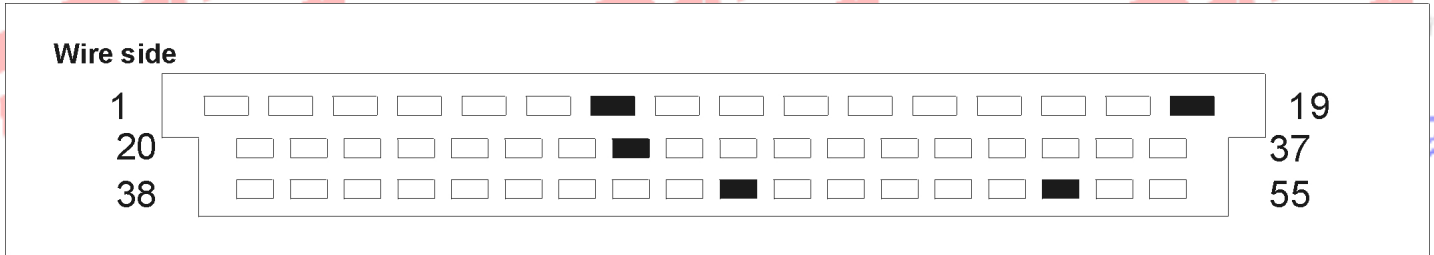


ECU make: Bosch Motronic M1.1/1.3  
 Model: 535i (E34)  
 Year: 1988-93  
 Comments:  
 ECU Location:

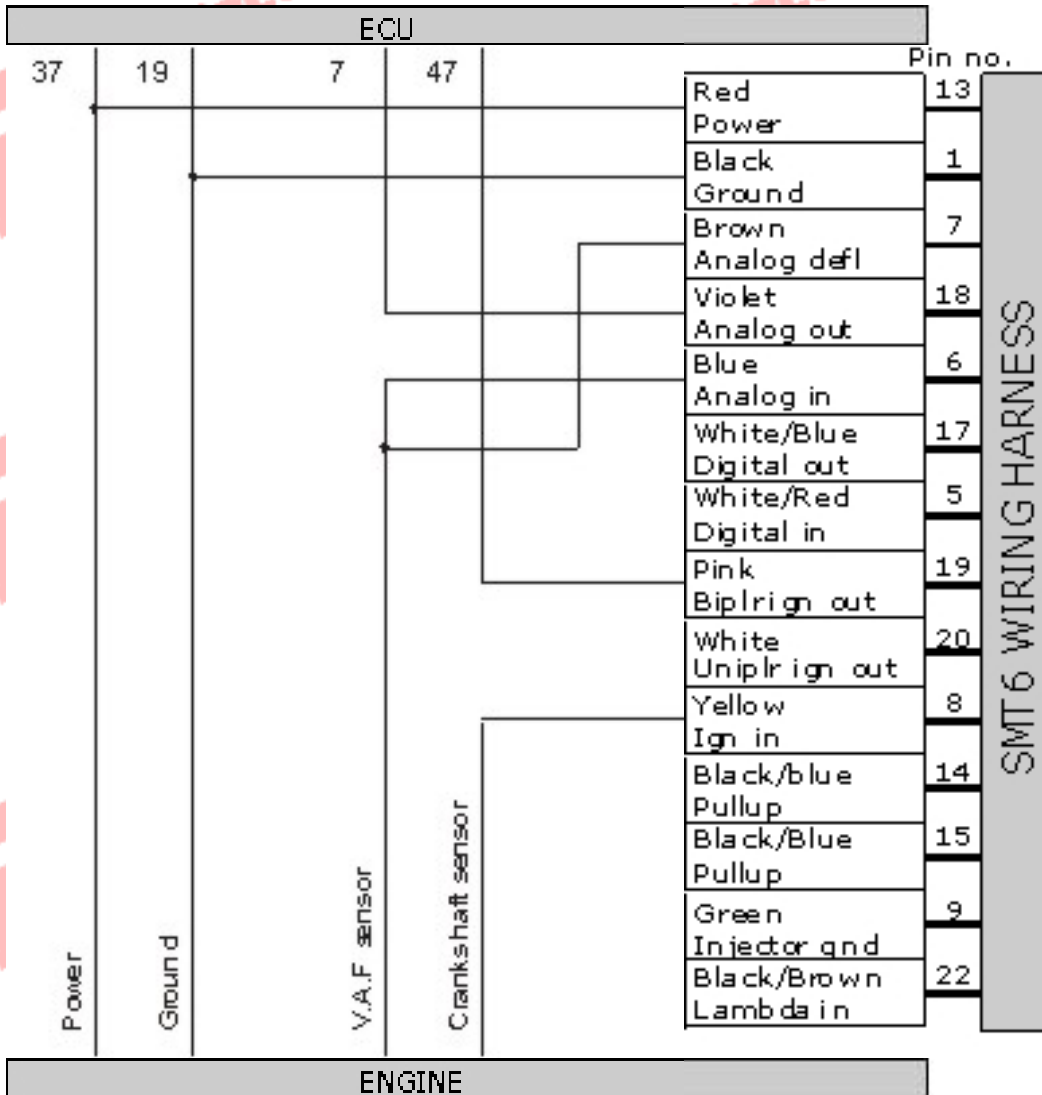
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

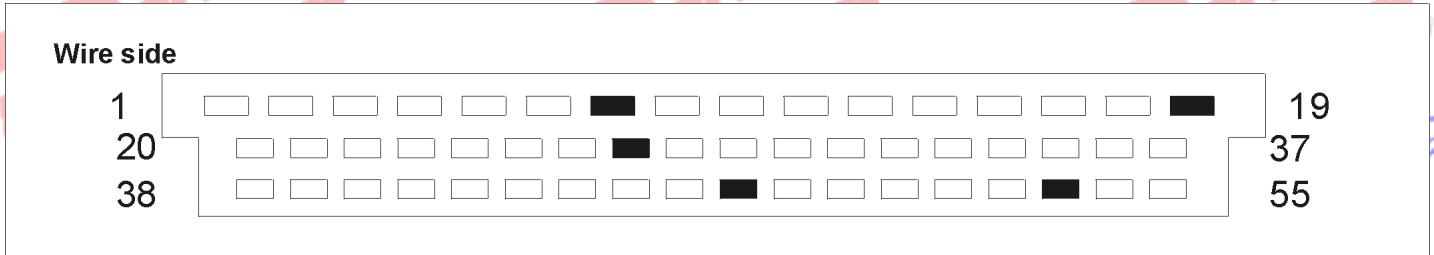


ECU make: Bosch Motronic M1.1/1.3  
 Model: 730i (E32)  
 Year: 1986-92  
 Comments:  
 ECU Location:

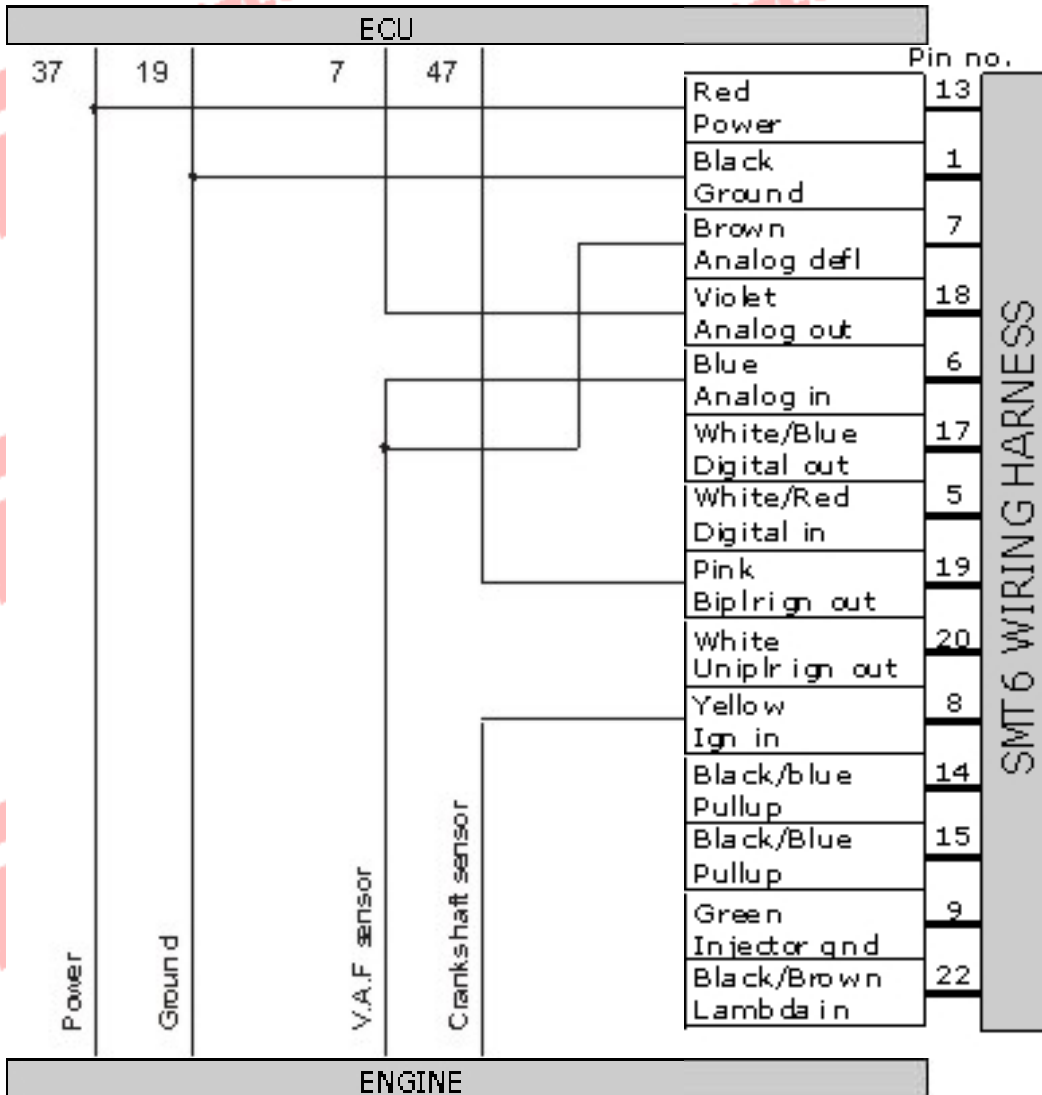
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

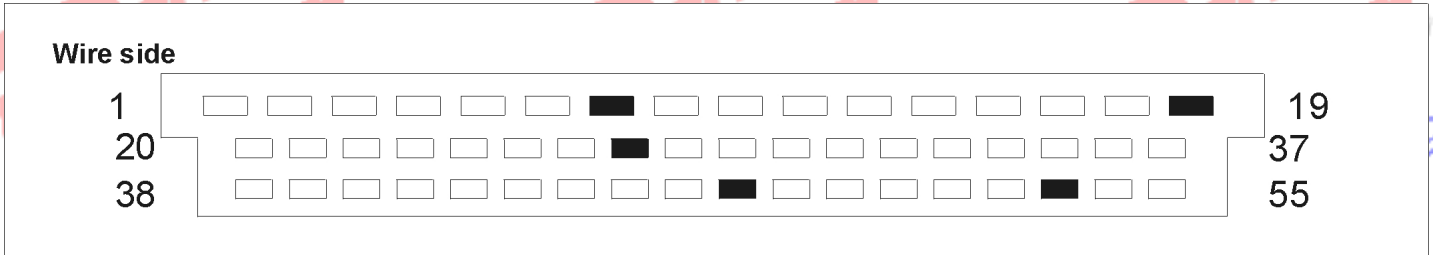


ECU make: Bosch Motronic M1.1/1.3  
 Model: 735i (E32)  
 Year: 1986-92  
 Comments:  
 ECU Location:

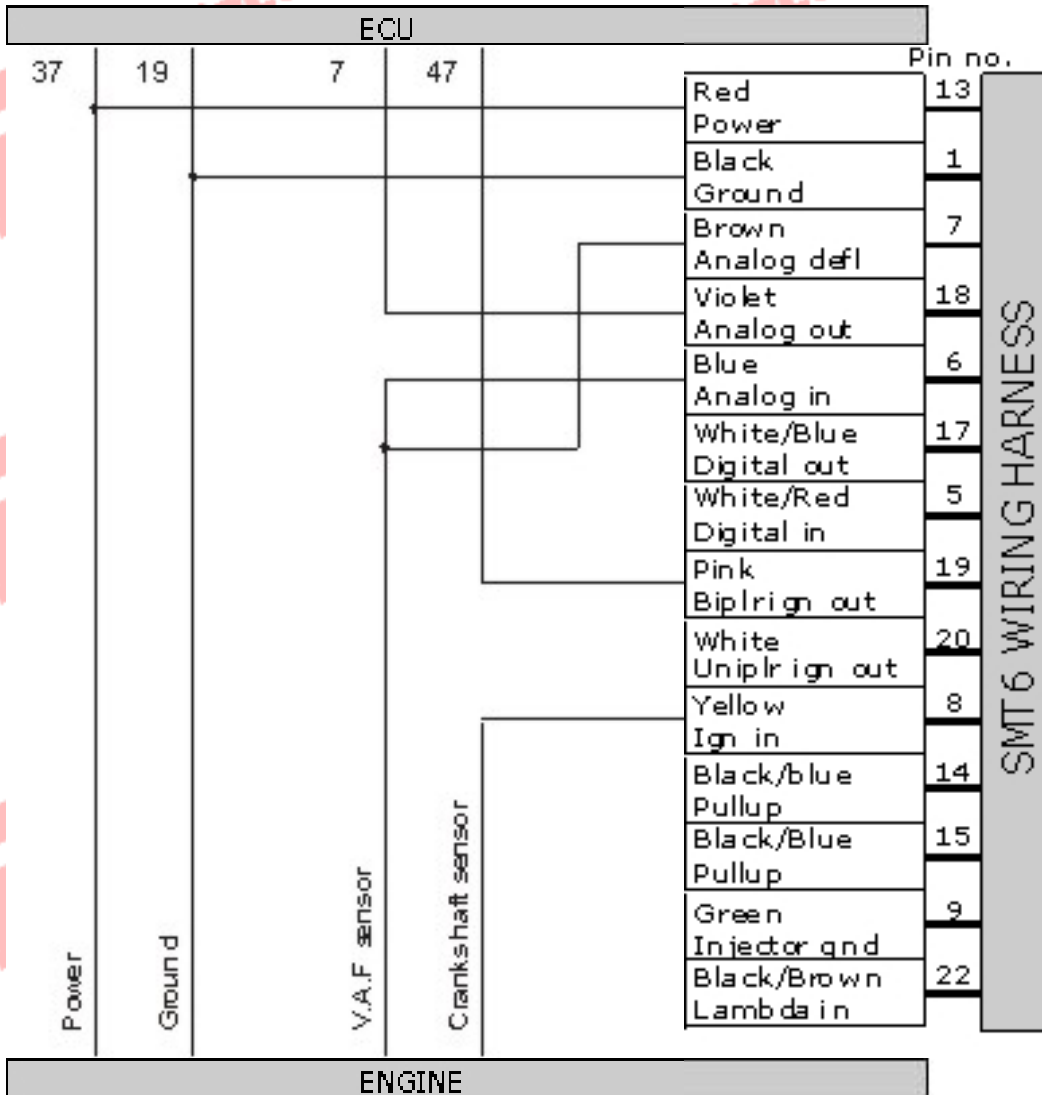
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

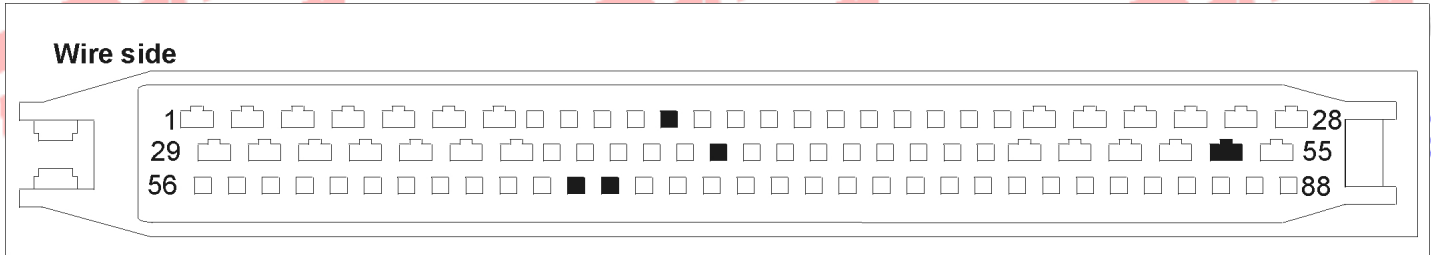


ECU make:   
 Model: 318i DOHC with timing chain (M42)   
 Year:   
 Comments:   
 ECU Location: Engine bay left in wiper box

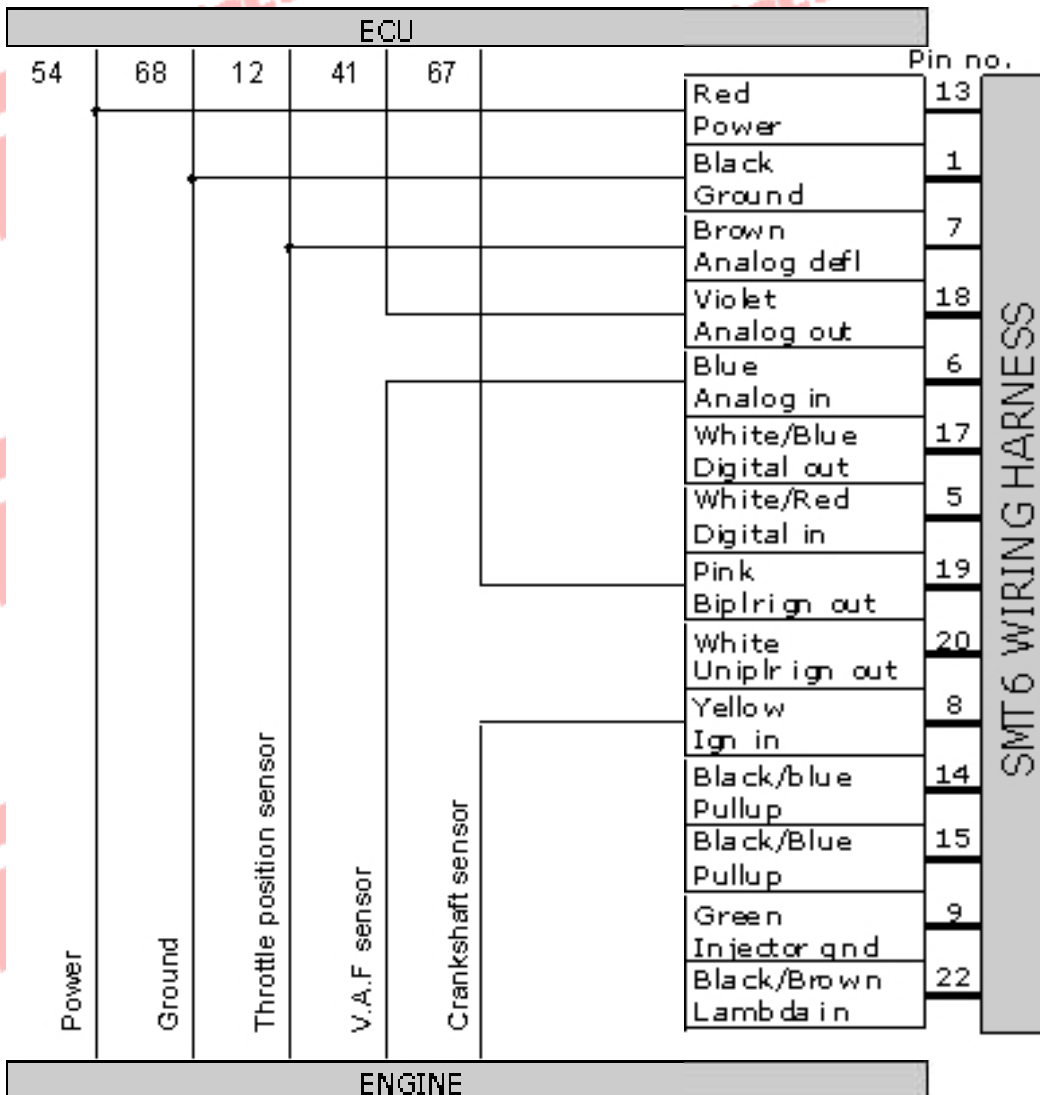
Vehicle make: **BMW**

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders	4
Teeth per turn (incl miss)	60
Teeth per firing	30
Modes	1
System Config	
Positive input pol	ON
Positive output pol	ON
Low level input	ON
High frequency	OFF
Interlaced	OFF
One missing tooth	OFF
Lambda Input	OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

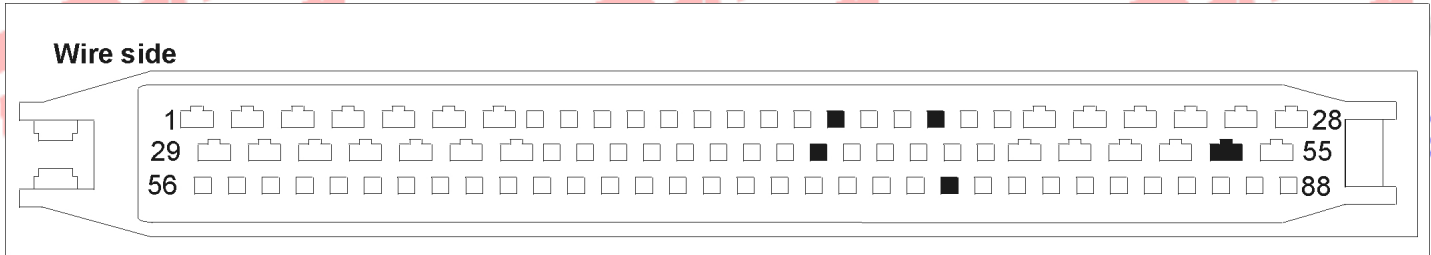


ECU make:   
 Model: 318iS with viscous fan   
 Year:   
 Comments:   
 ECU Location: Left hand side of engine bay in wiper box

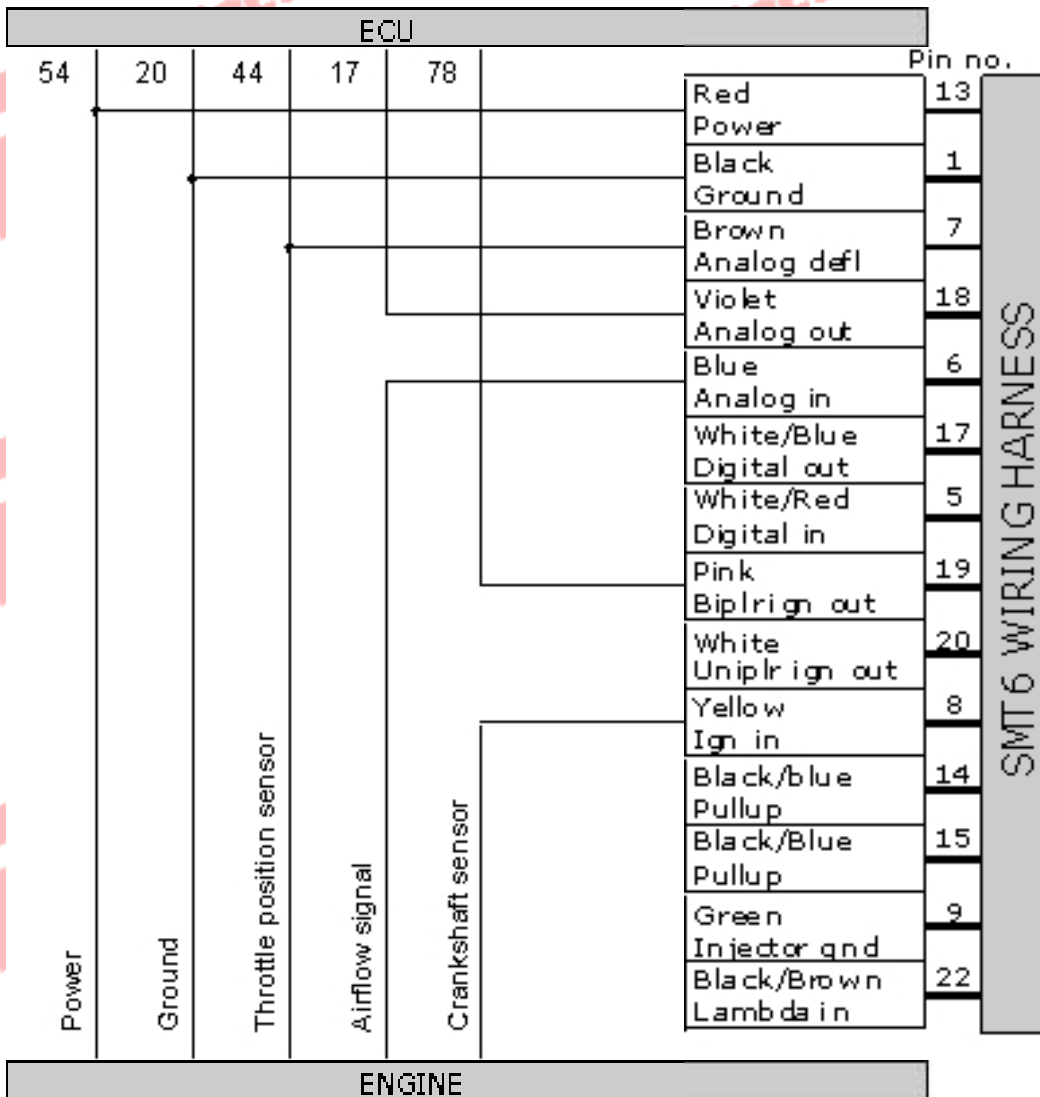
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders	4
Teeth per turn (incl miss)	60
Teeth per firing	30
Modes	1
System Config	
Positive input pol	ON
Positive output pol	ON
Low level input	ON
High frequency	OFF
Interlaced	OFF
One missing tooth	OFF
Lambda Input	OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram



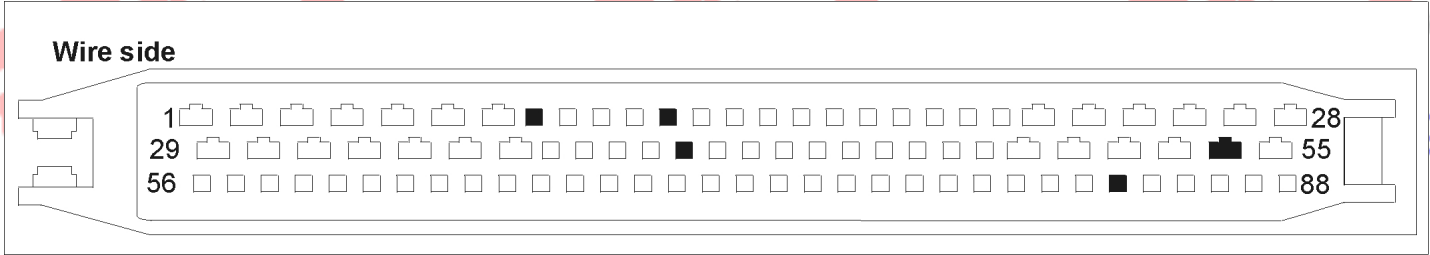
ECU make:  
 Model: 2.8L 24V  
 Year:  
 Comments:

Vehicle make: BMW

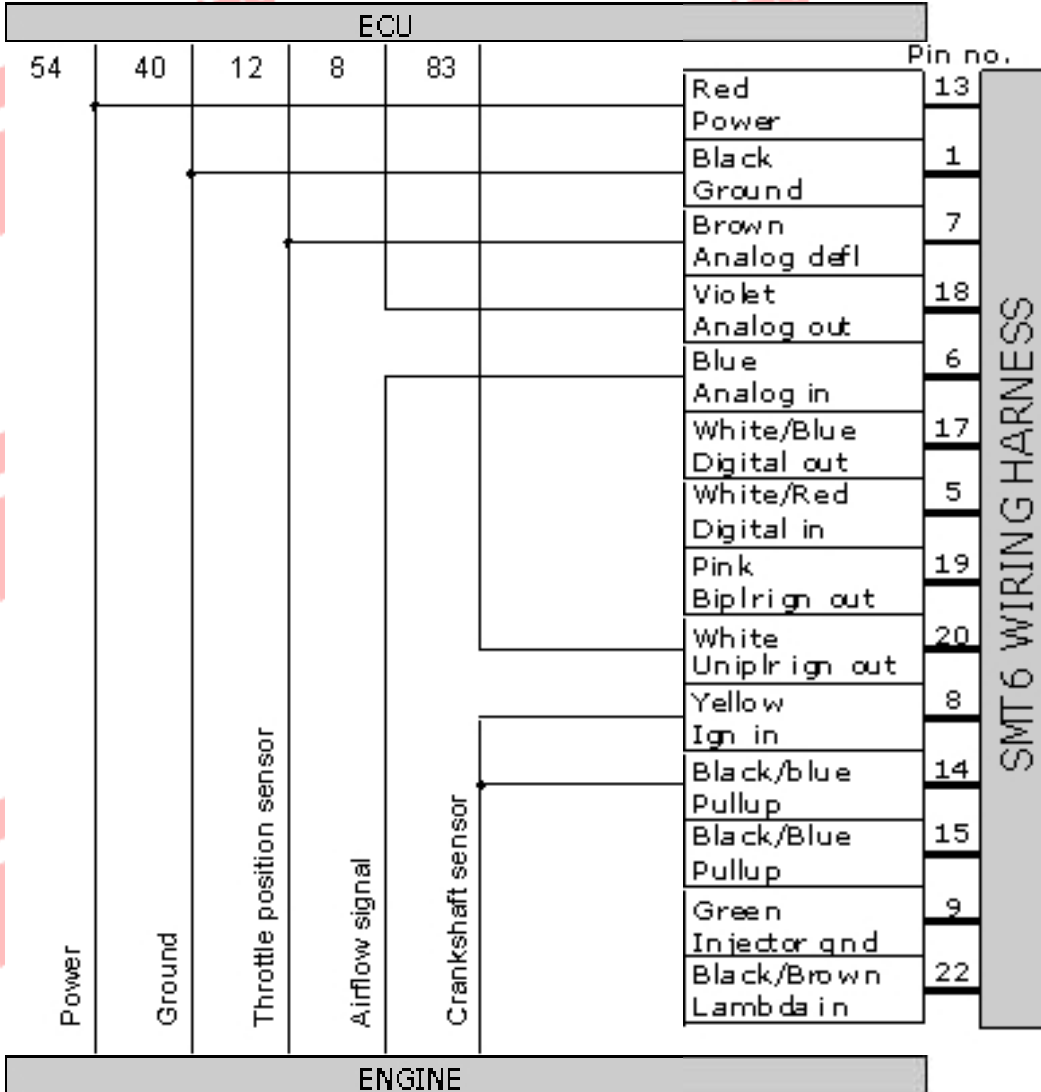
ECU Location: Left hand side engine bay inside wiper panel

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 6
- Teeth per turn (incl miss) 60
- Teeth per firing 20
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

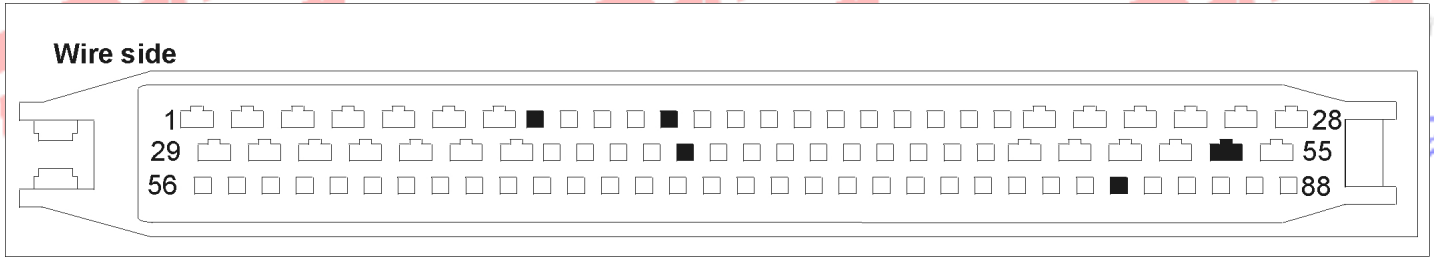
## Perfect Power Wiring Diagram



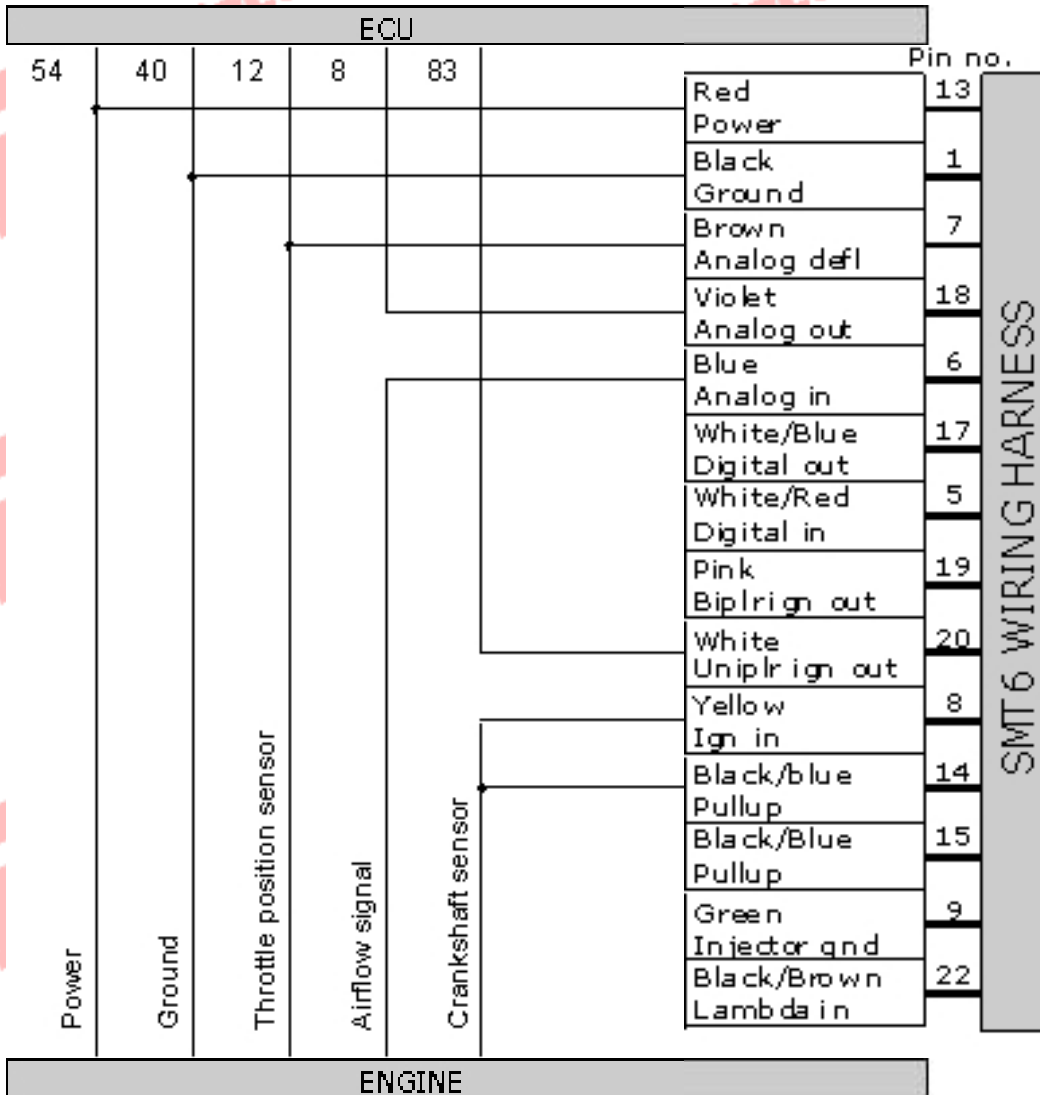
ECU make: Siemens MS 41      Vehicle make: BMW  
 Model: 320i Vanos (E36) (20 6s 3)  
 Year: 1994-99  
 Comments:  
 ECU Location:

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input OFF
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

The above Global Settings are additions to the Default SMT6 Map. Disclaimer: Please note that as a result of the ECU pin out variations for this vehicle worldwide, this Wiring Diagram is to be used as a guideline only. Digital Technology will not be held responsible in any way for incorrect wiring information contained hereon.



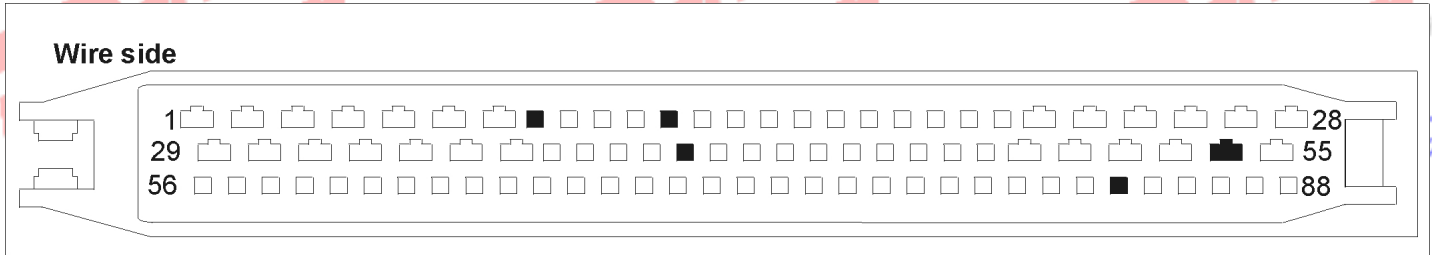
## Perfect Power Wiring Diagram



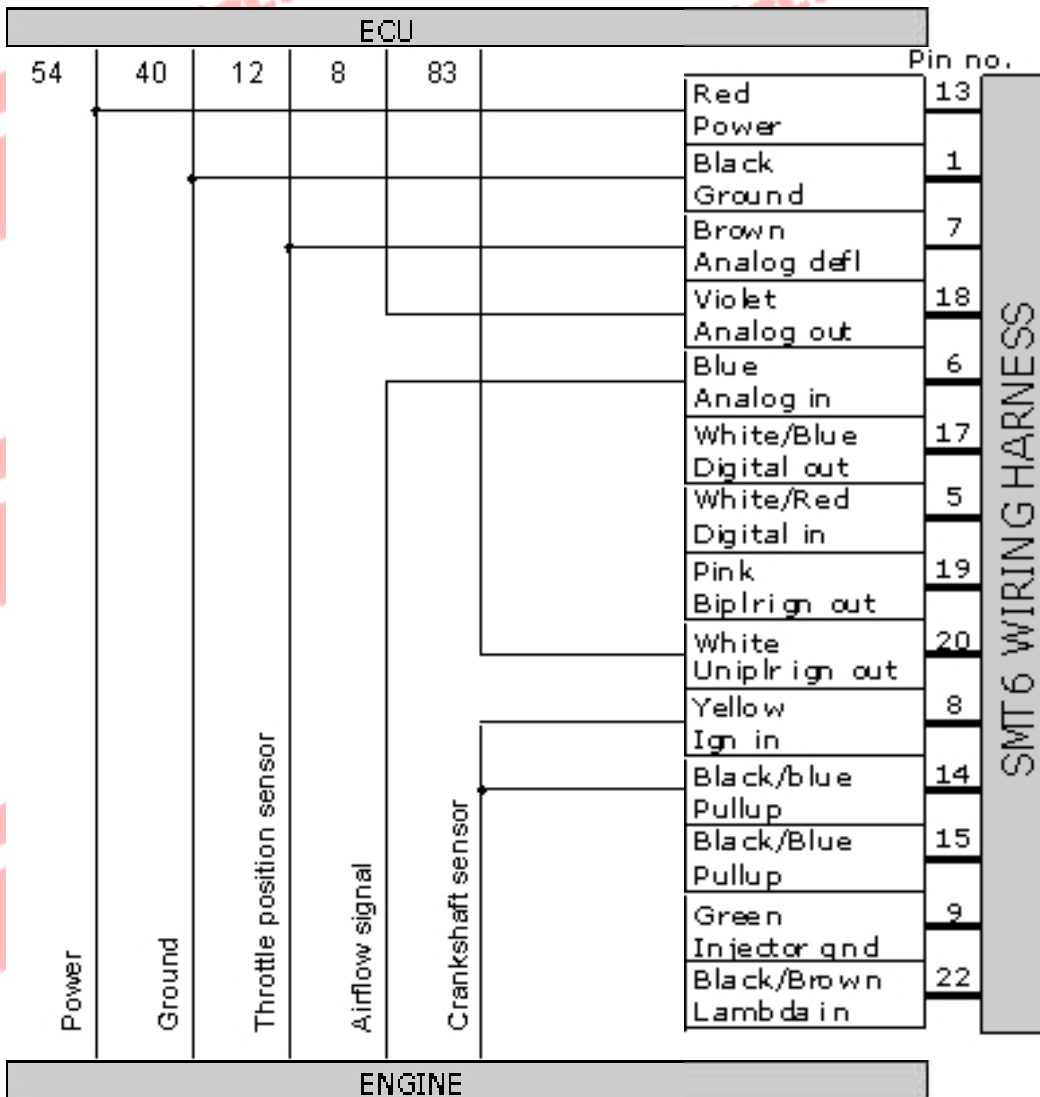
ECU make: Siemens MS 41      Vehicle make: BMW  
 Model: 323i/Compact (E36) (25 6s 3)  
 Year: 1995-00  
 Comments:  
 ECU Location:

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
- Positive input pol ON
- Positive output pol ON
- Low level input OFF
- High frequency OFF
- Interlaced OFF
- One missing tooth OFF
- Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

The above Global Settings are additions to the Default SMT6 Map. Disclaimer: Please note that as a result of the ECU pin out variations for this vehicle worldwide, this Wiring Diagram is to be used as a guideline only. Digital Technology will not be held responsible in any way for incorrect wiring information contained hereon.

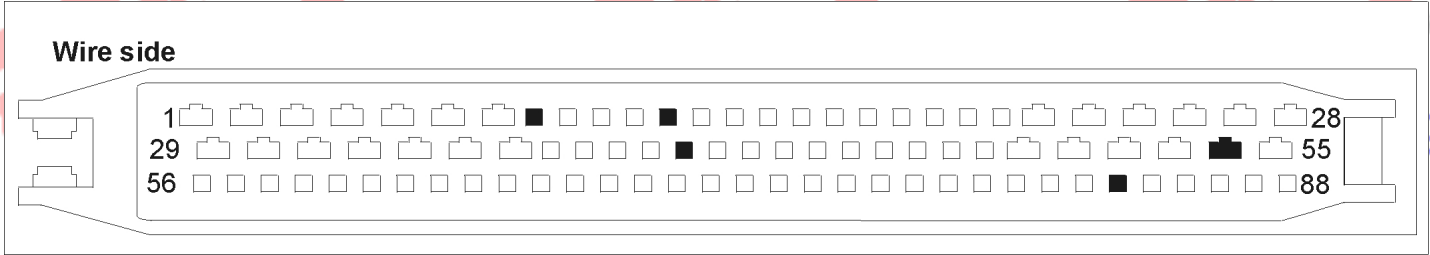
# Perfect Power Wiring Diagram



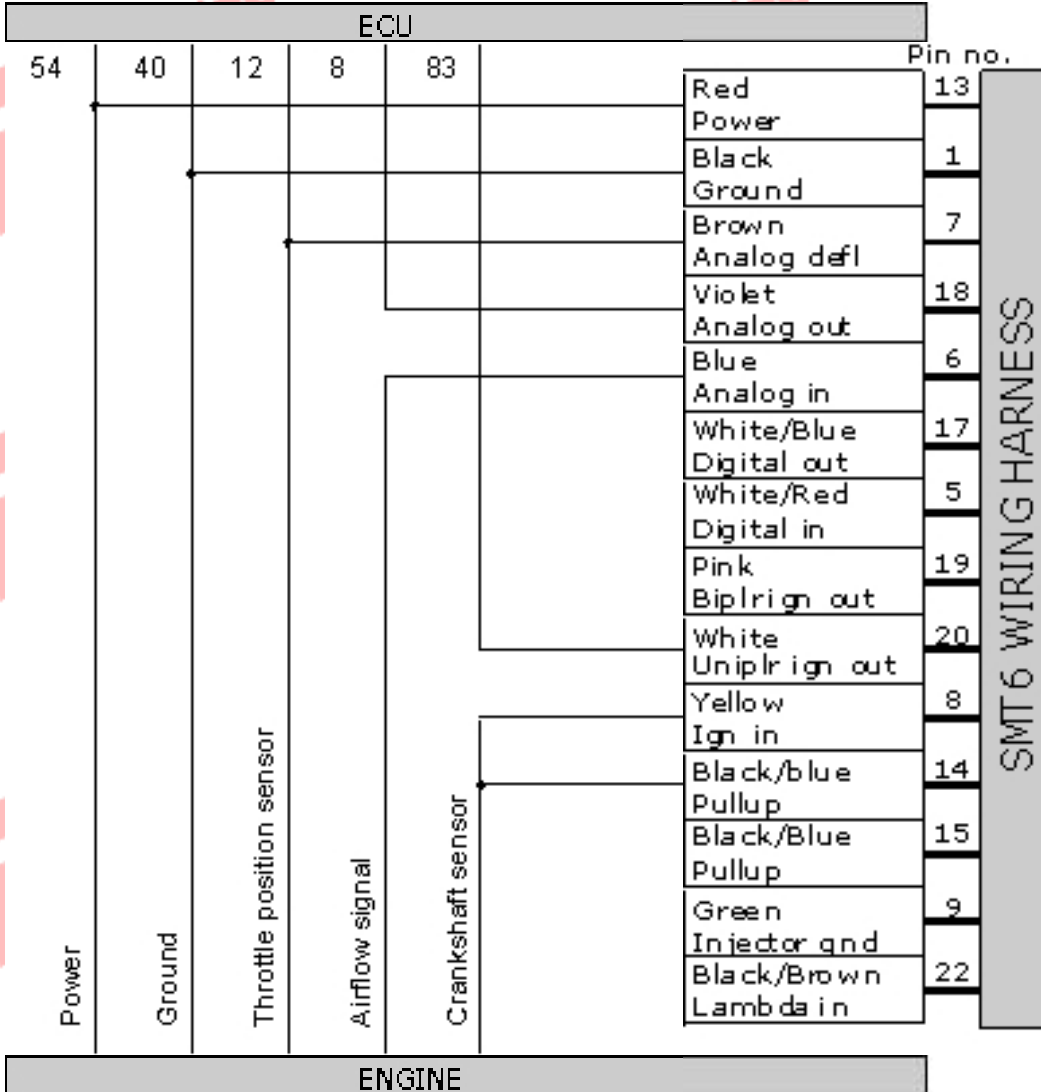
ECU make: Siemens MS 41      Vehicle make: BMW  
 Model: 328i (E36) (28 6S 1)  
 Year: 1995-99  
 Comments:  
 ECU Location:

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 6
- Teeth per turn (incl miss) 60
- Teeth per firing 20
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

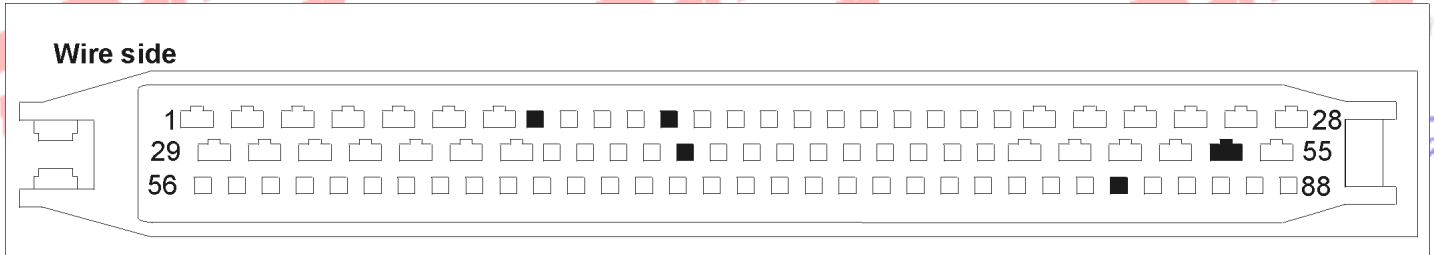
## Perfect Power Wiring Diagram



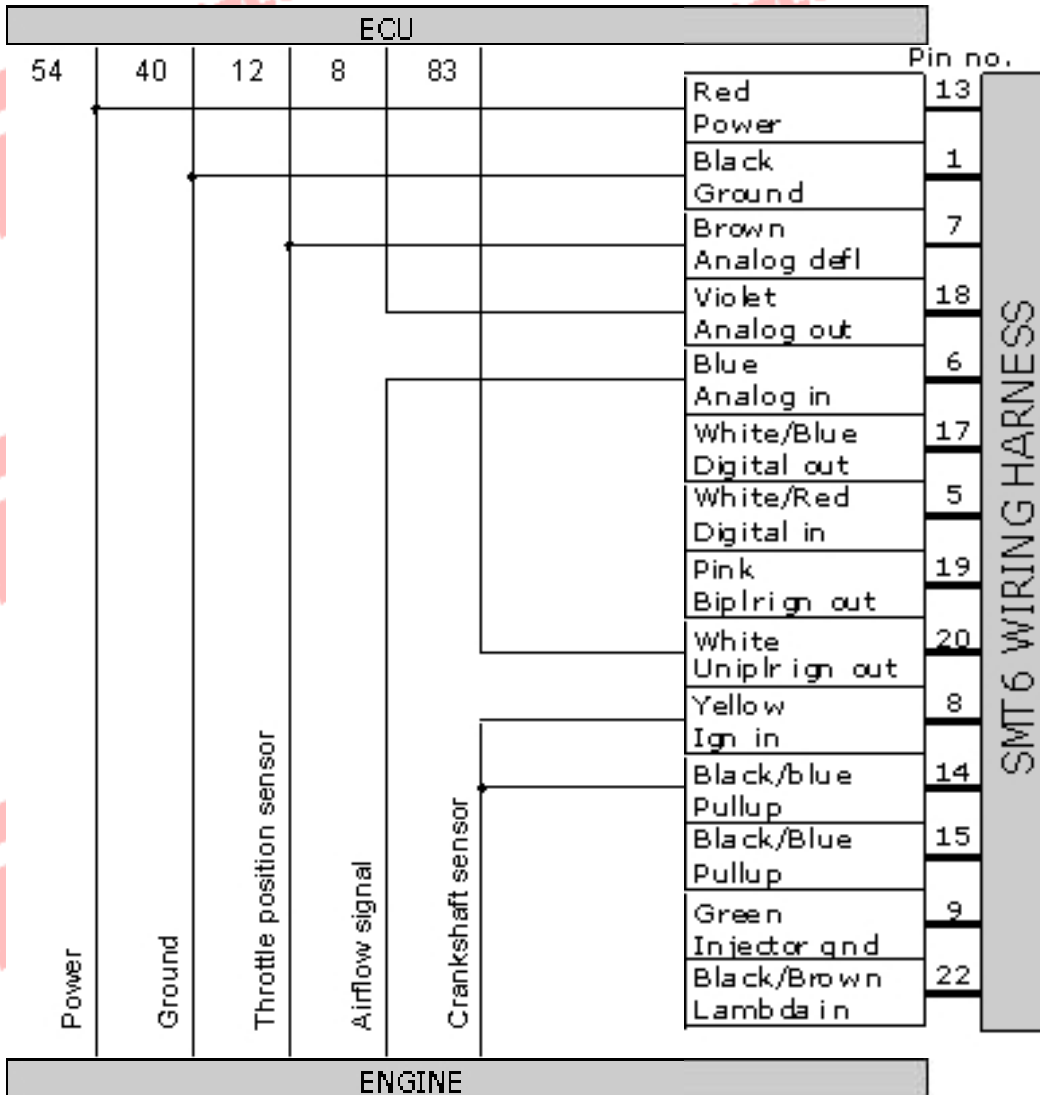
ECU make: Siemens MS 41      Vehicle make: BMW  
 Model: 520i 24V Vanos (E39) (20 6S 3)  
 Year: 1996-00  
 Comments:  
 ECU Location:

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders 6  
 Teeth per turn (incl miss) 60  
 Teeth per firing 20  
 Modes 1  
 System Config  
 Positive input pol ON  
 Positive output pol ON  
 Low level input OFF  
 High frequency OFF  
 Interlaced OFF  
 One missing tooth OFF  
 Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

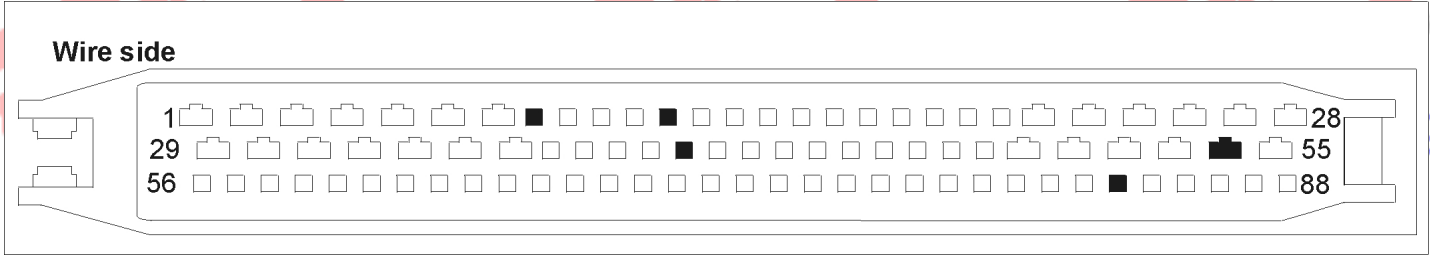


ECU make: Siemens MS 41  
 Model: 528i (E39)  
 Year: 1996-00  
 Comments:  
 ECU Location:

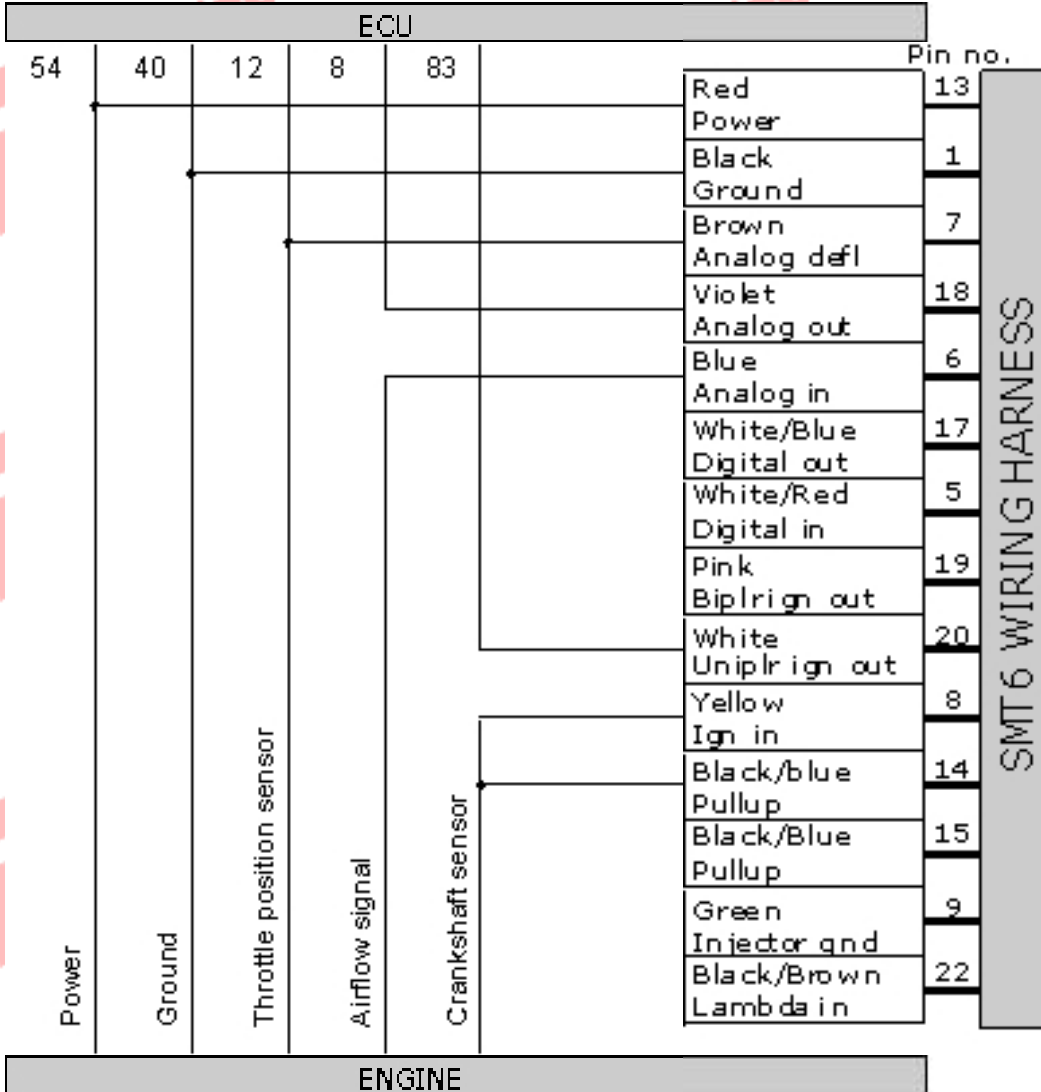
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input OFF
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

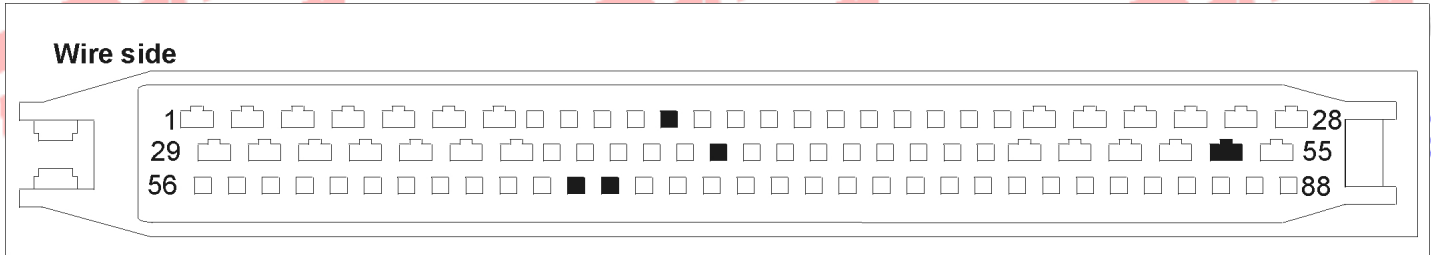


ECU make:  
 Model: 316 M43 Timing chain  
 Year:  
 Comments:  
 ECU Location: Engine bay left in wiper box

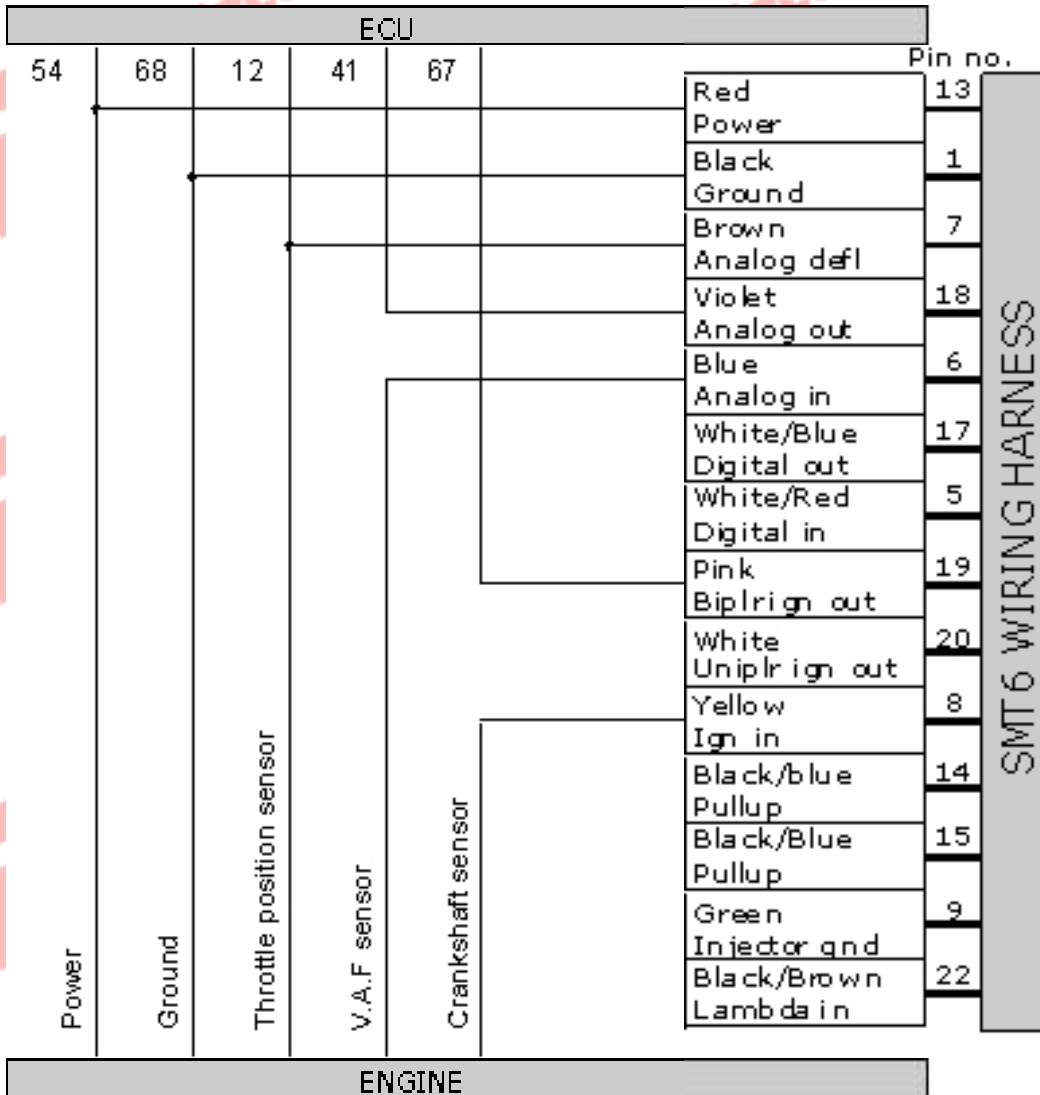
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

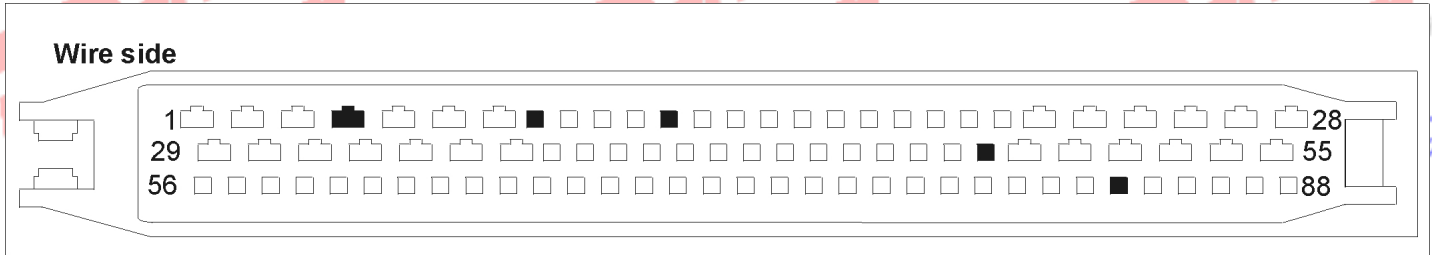
## Perfect Power Wiring Diagram



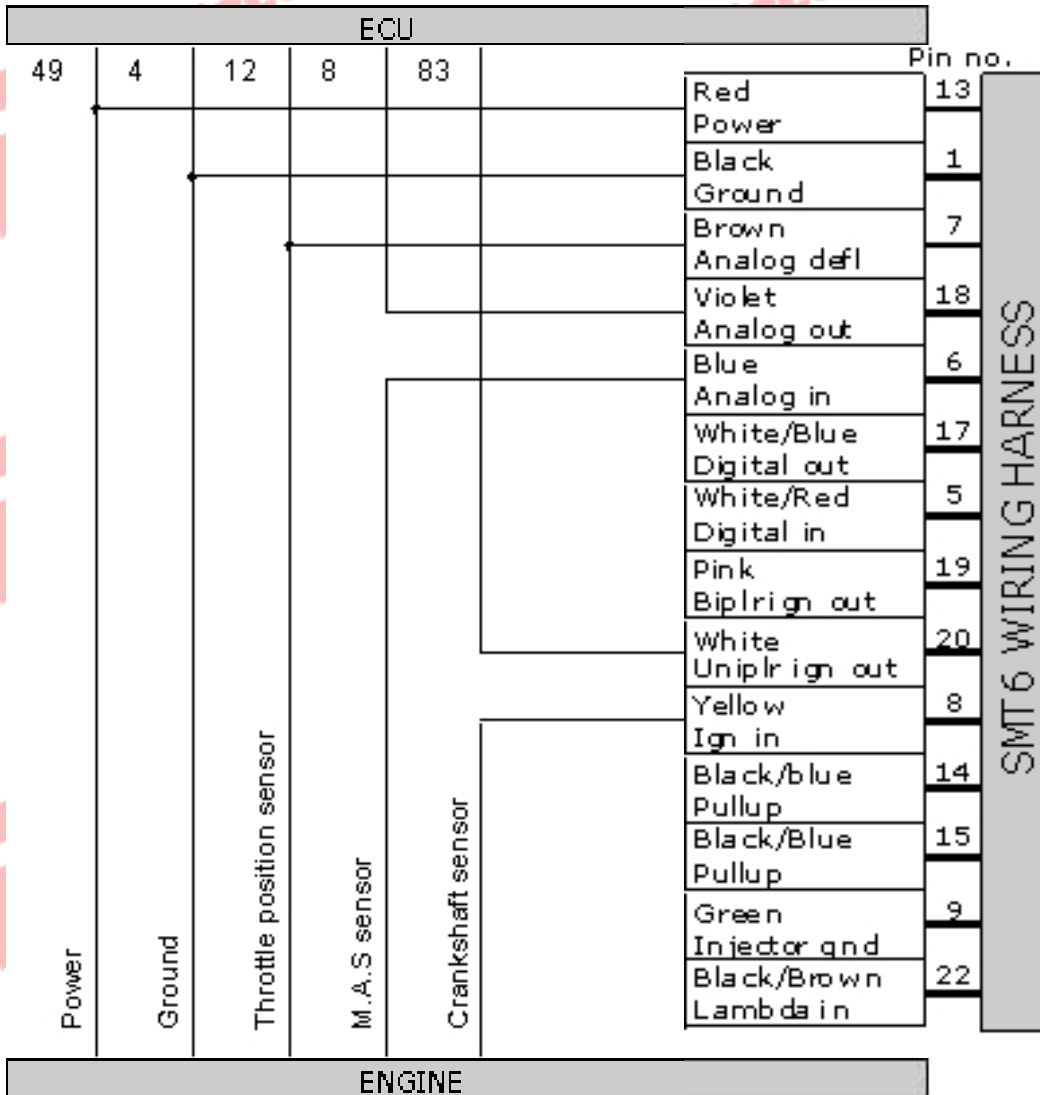
ECU make: Siemens MS 41      Vehicle make: BMW  
 Model: 520i 24V Vanos (E39)  
 Year: 1996-99  
 Comments: May not be able to do ignition modifications on this car  
 ECU Location:

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders	6
Teeth per turn (incl miss)	60
Teeth per firing	20
Modes	1
System Config	
Positive input pol	ON
Positive output pol	ON
Low level input	OFF
High frequency	OFF
Interlaced	OFF
One missing tooth	OFF
Lambda Input	OFF

Click [here](#) for an explanation on how to use the global settings.

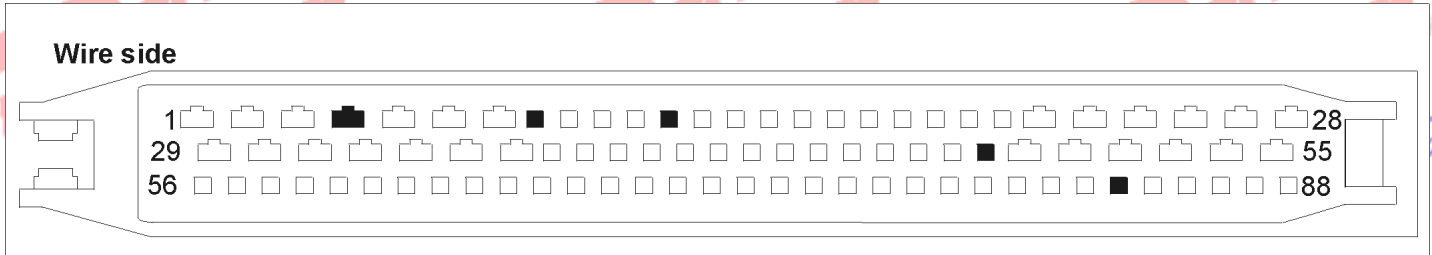
## Perfect Power Wiring Diagram



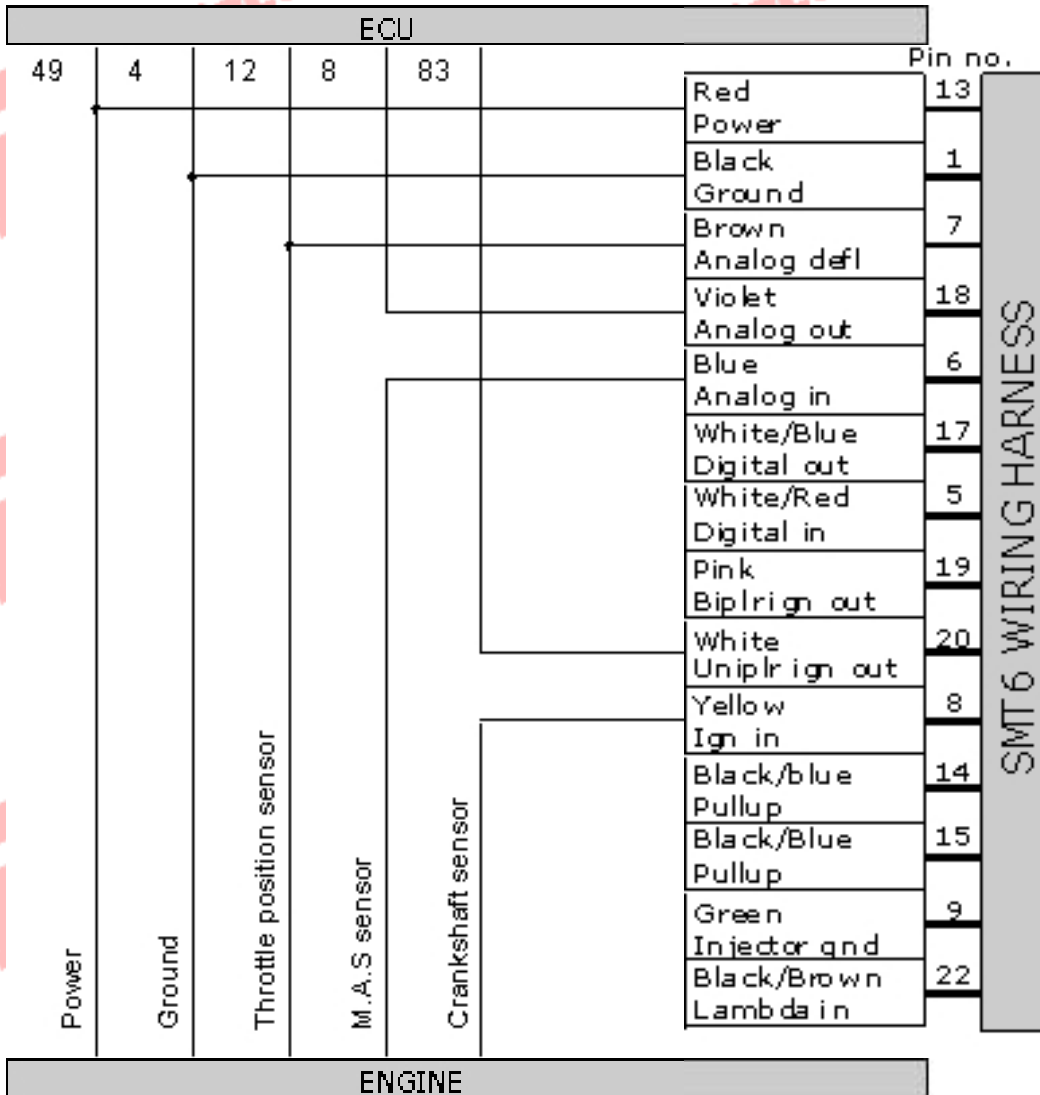
ECU make: Siemens MS 41      Vehicle make: BMW  
 Model: 523i (E39)  
 Year: 1996-99  
 Comments: May not be able to do ignition modifications on this car  
 ECU Location:

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders	4
Teeth per turn (incl miss)	60
Teeth per firing	30
Modes	1
System Config	
Positive input pol	ON
Positive output pol	ON
Low level input	OFF
High frequency	OFF
Interlaced	OFF
One missing tooth	OFF
Lambda Input	OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

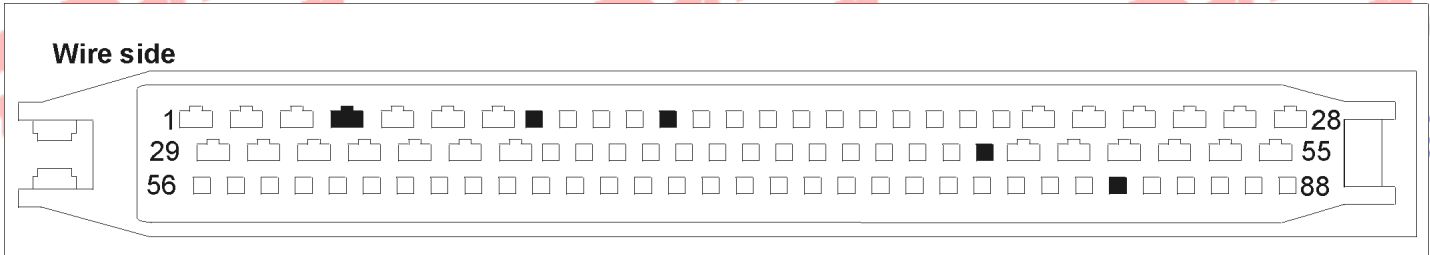


ECU make: Siemens MS 41  
 Model: 528i (E39)  
 Year: 1996-99  
 Comments:  
 ECU Location:

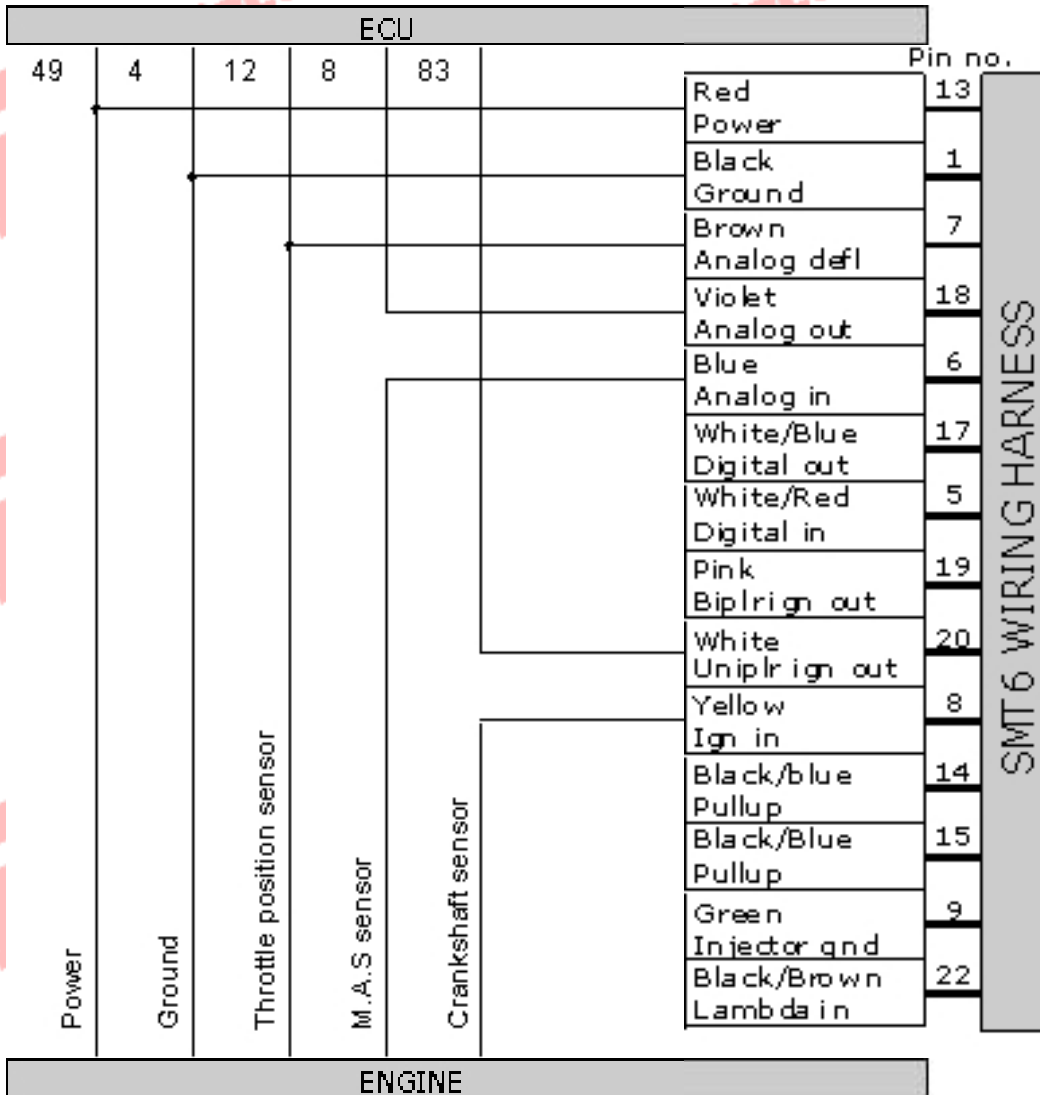
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
 Positive input pol ON  
 Positive output pol ON  
 Low level input OFF  
 High frequency OFF  
 Interlaced OFF  
 One missing tooth OFF  
 Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.



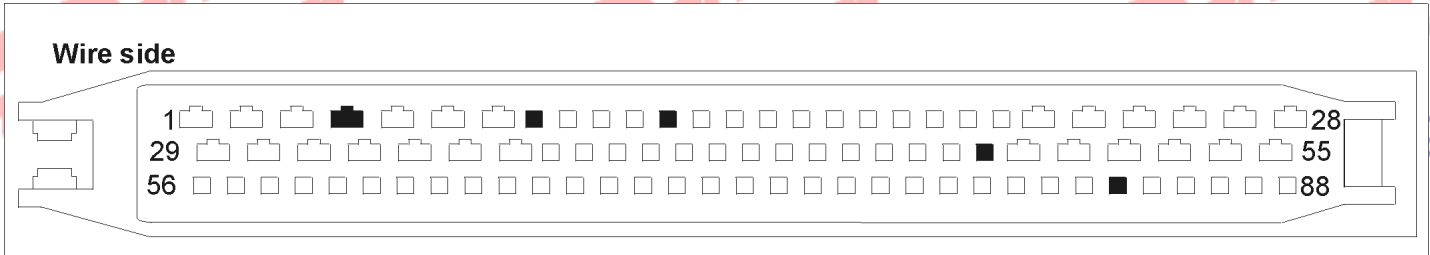
## Perfect Power Wiring Diagram



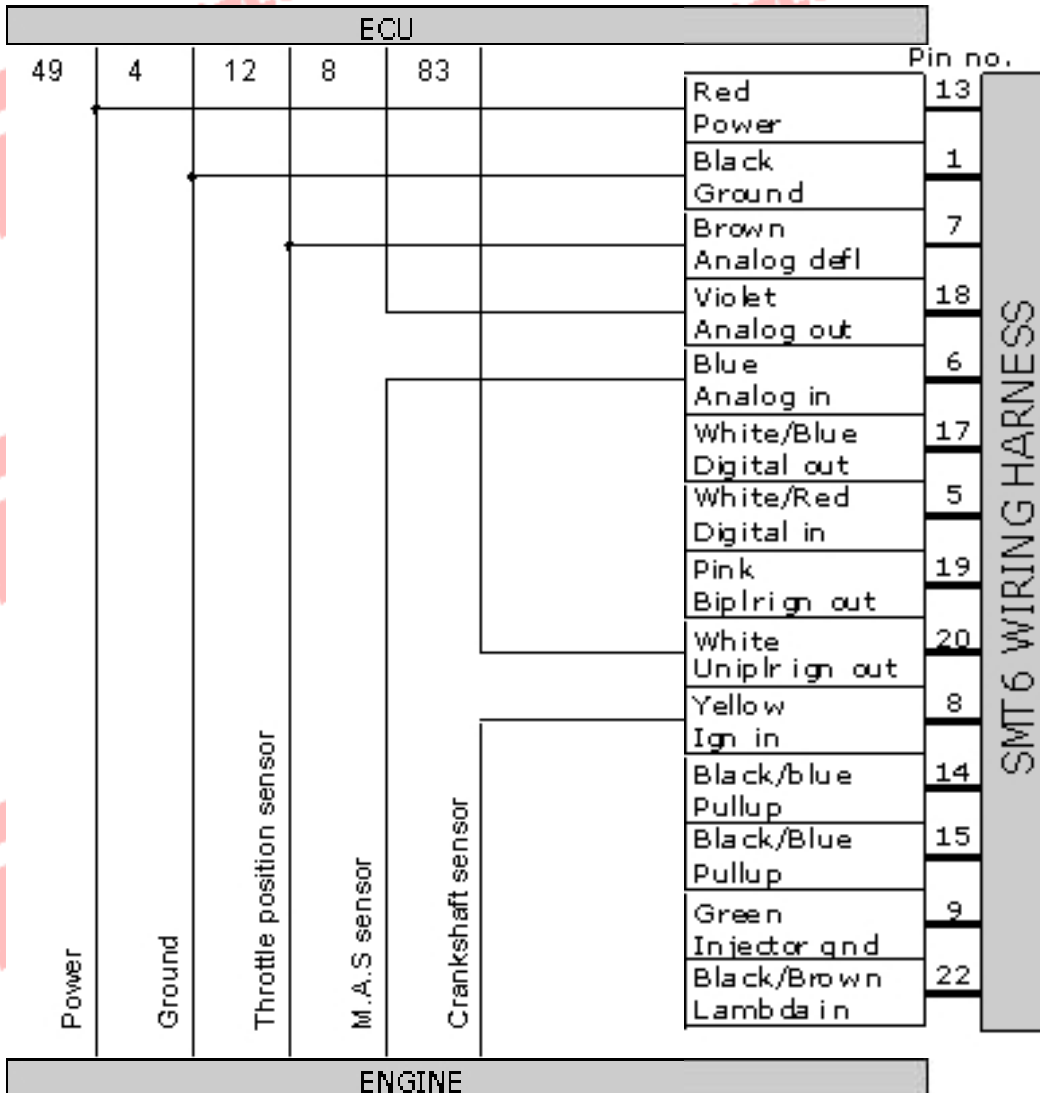
ECU make: Siemens MS 41      Vehicle make: BMW  
 Model: 728i  
 Year: 1998  
 Comments: May not be able to do ignition modifications on this car  
 ECU Location:

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
- Positive input pol ON
- Positive output pol ON
- Low level input OFF
- High frequency OFF
- Interlaced OFF
- One missing tooth OFF
- Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

The above Global Settings are additions to the Default SMT6 Map. Disclaimer: Please note that as a result of the ECU pin out variations for this vehicle worldwide, this Wiring Diagram is to be used as a guideline only. Digital Technology will not be held responsible in any way for incorrect wiring information contained hereon.

## Perfect Power Wiring Diagram

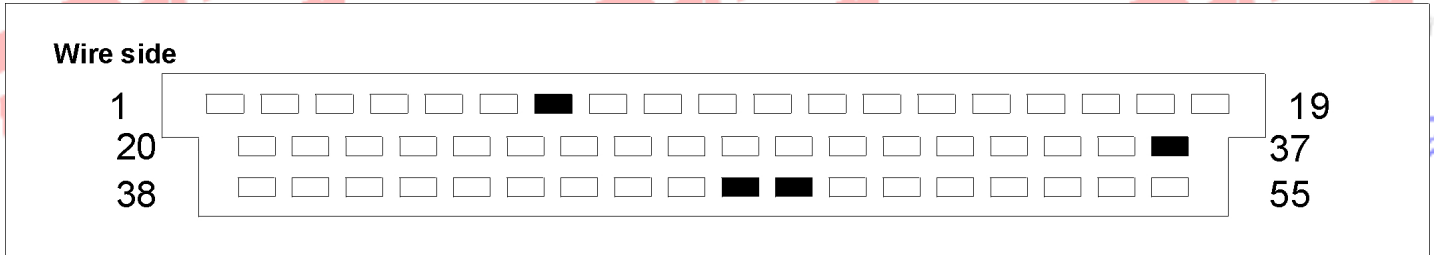


ECU make: Bosch Motronic M1.1/1.3  
 Model: 325i/325e (E30)  
 Year: 1985-93  
 Comments:  
 ECU Location: Below steering wheel

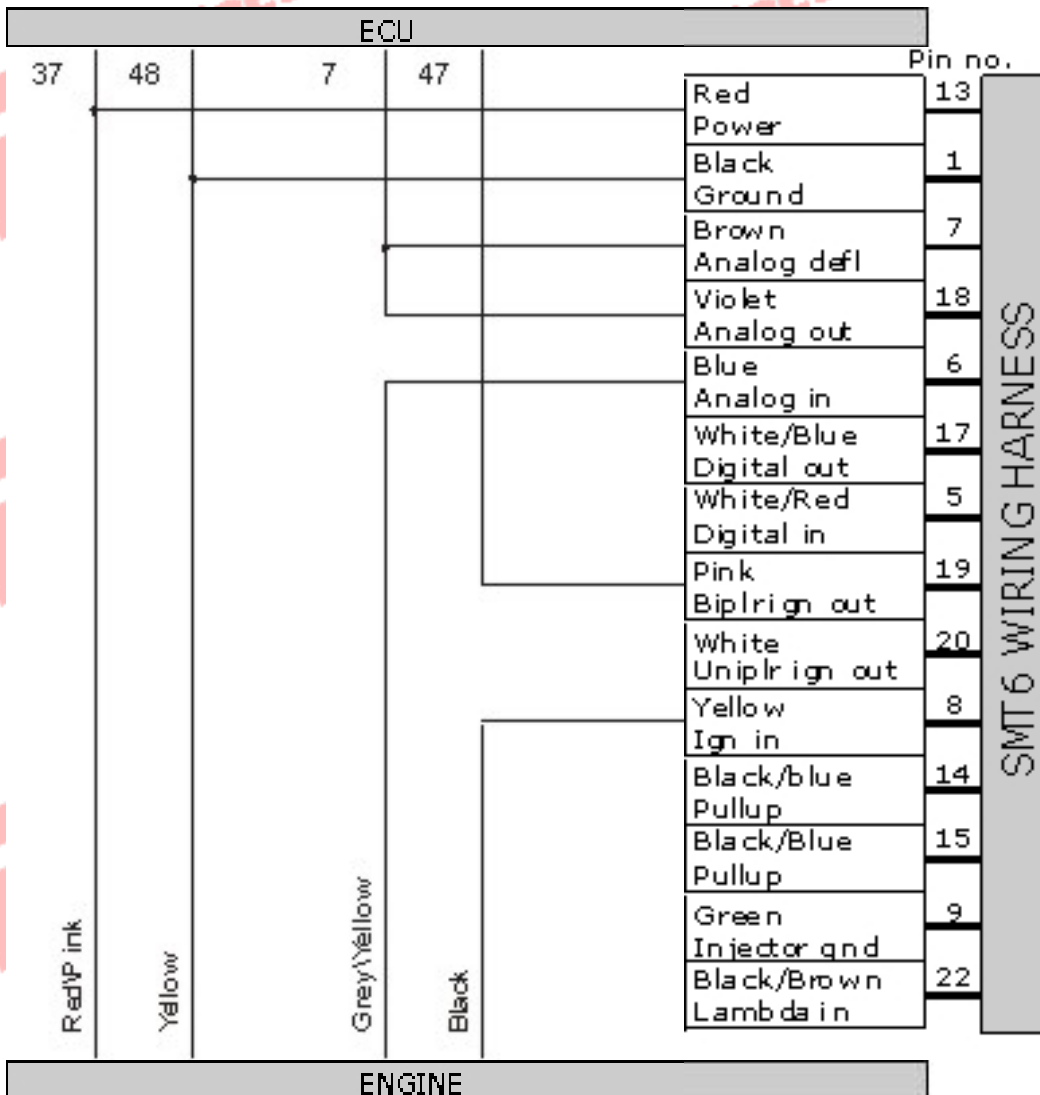
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

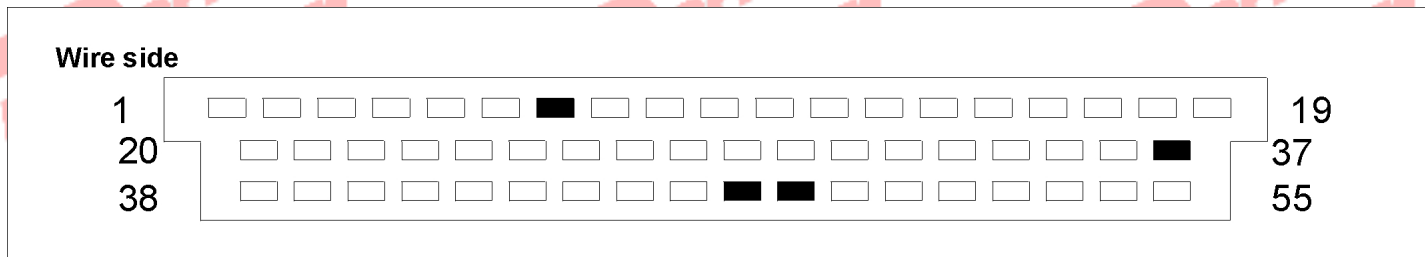


ECU make: Bosch Motronic M1.1/1.3  
 Model: 318i(E36)/518i/520i (E34)  
 Year: 1991-93  
 Comments:  
 ECU Location: Below steering wheel

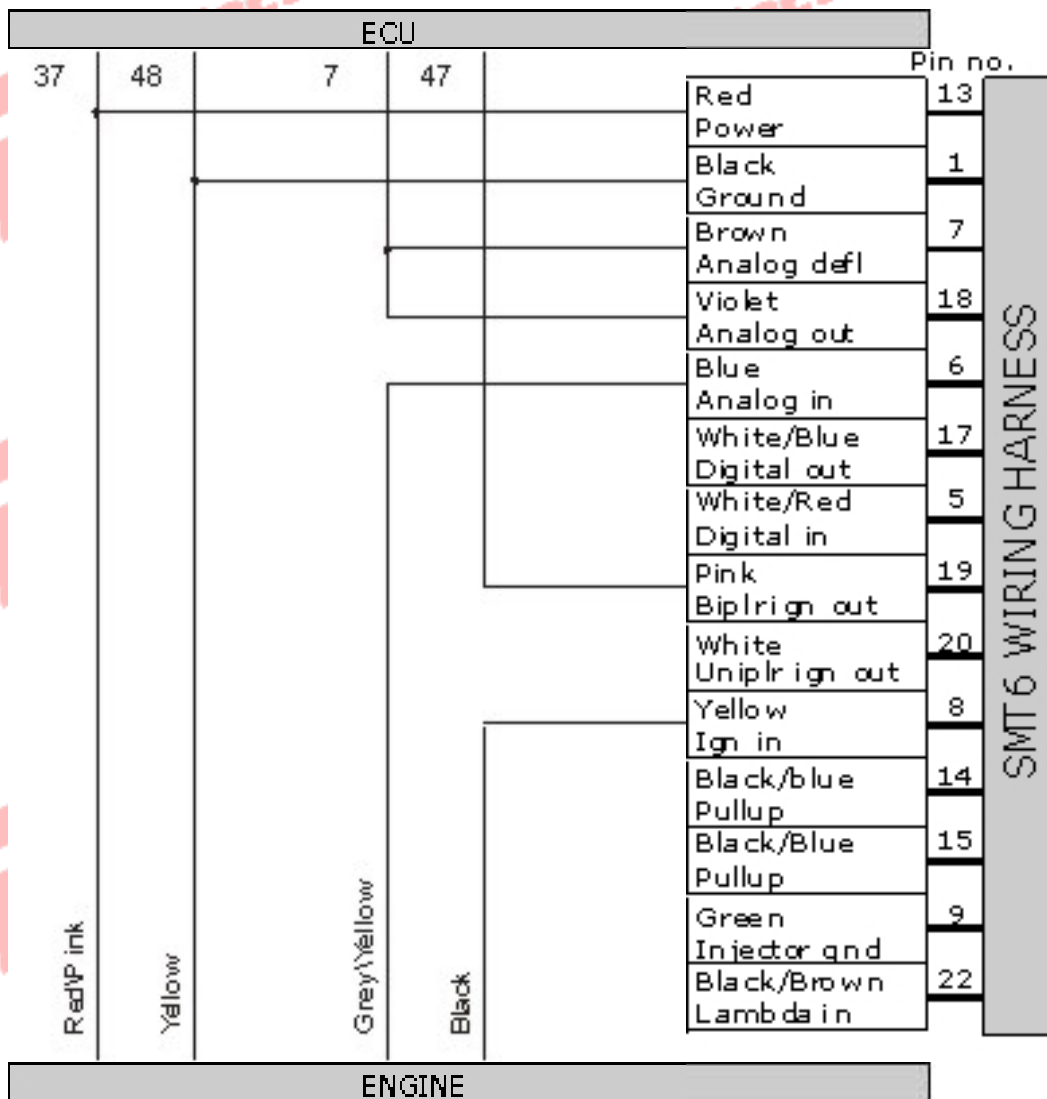
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

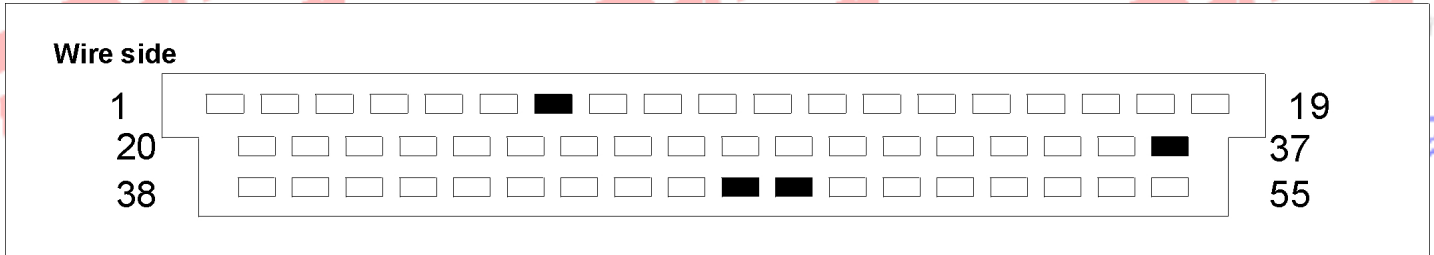


ECU make: Bosch Motronic M1.1/1.3  
 Model: 525i/530i/535i (E34)  
 Year: 1988-93  
 Comments:  
 ECU Location: Below steering wheel

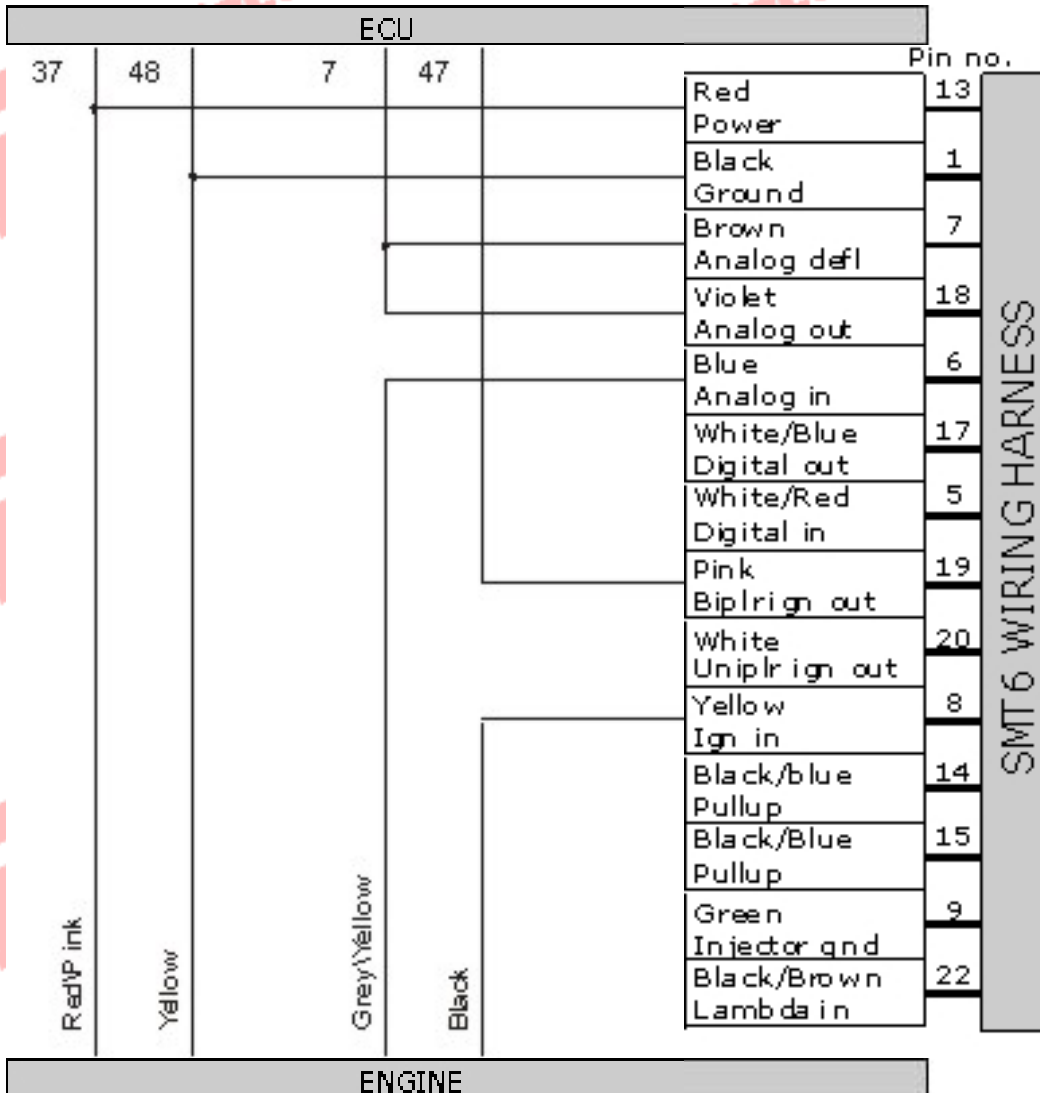
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
 Positive input pol ON  
 Positive output pol ON  
 Low level input ON  
 High frequency OFF  
 Interlaced OFF  
 One missing tooth OFF  
 Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

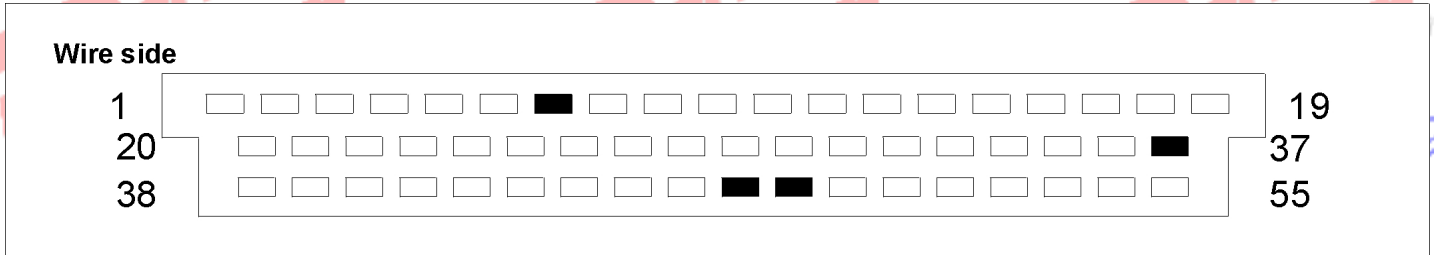


ECU make: Bosch Motronic M1.1/1.3  
 Model: 730i/735i (E32)  
 Year: 1986-92  
 Comments:  
 ECU Location: Below steering wheel

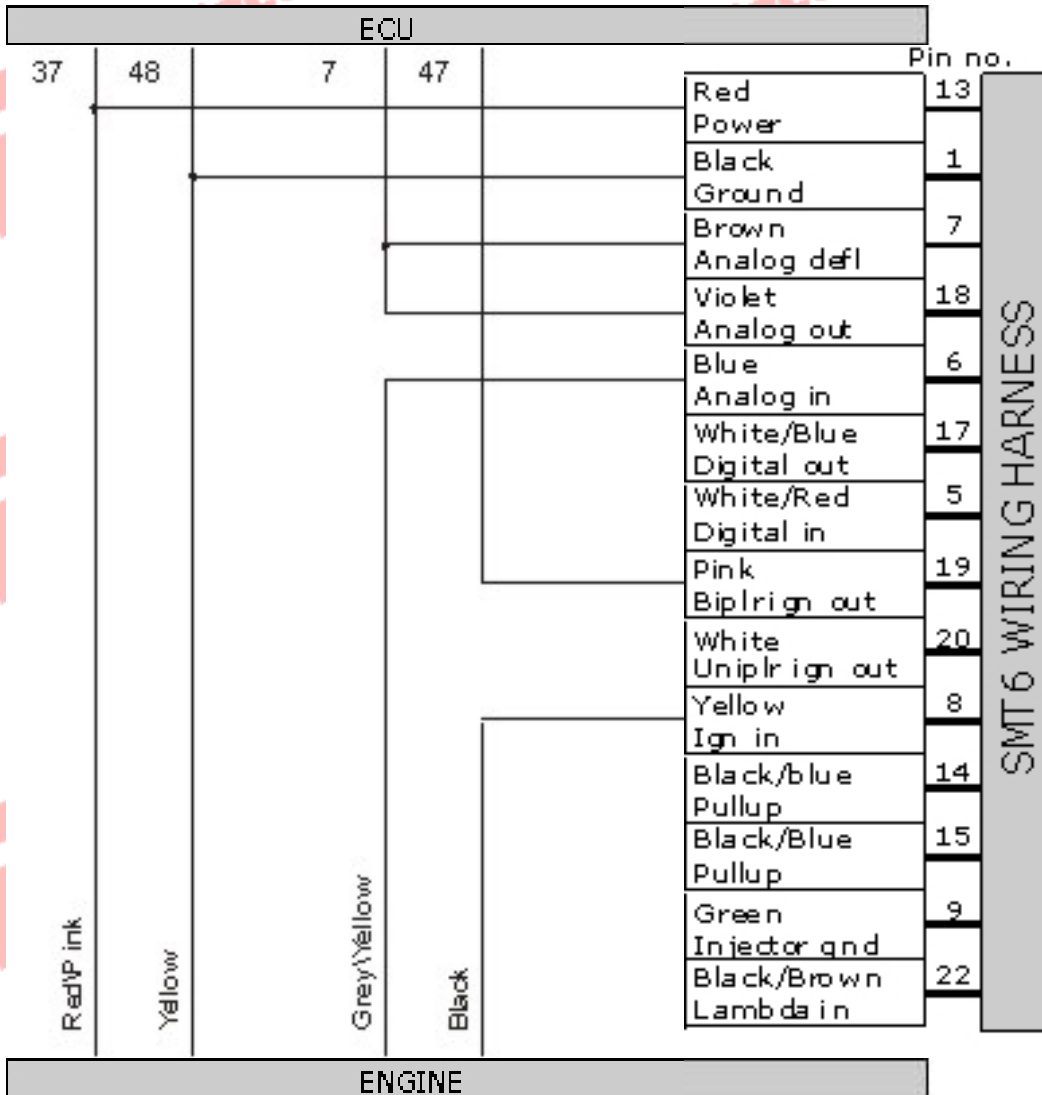
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
 Positive input pol ON  
 Positive output pol ON  
 Low level input ON  
 High frequency OFF  
 Interlaced OFF  
 One missing tooth OFF  
 Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

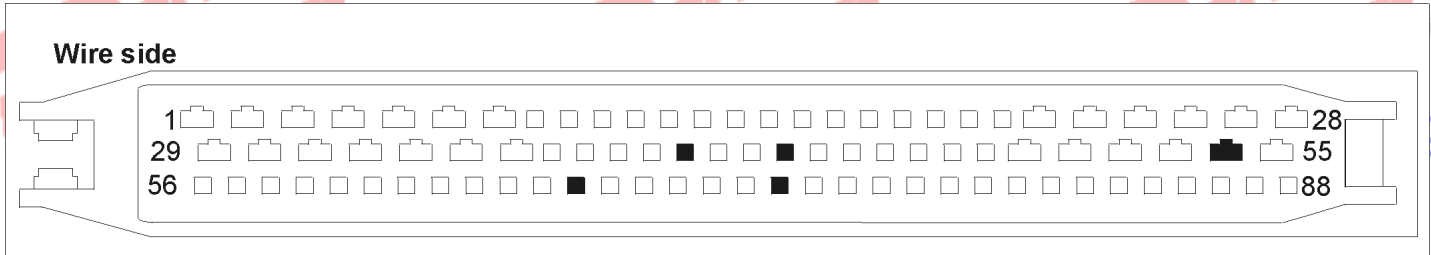


ECU make:  
 Model: 3L M3 Vanos  
 Year:  
 Comments:  
 ECU Location: Engine bay left near wiper box

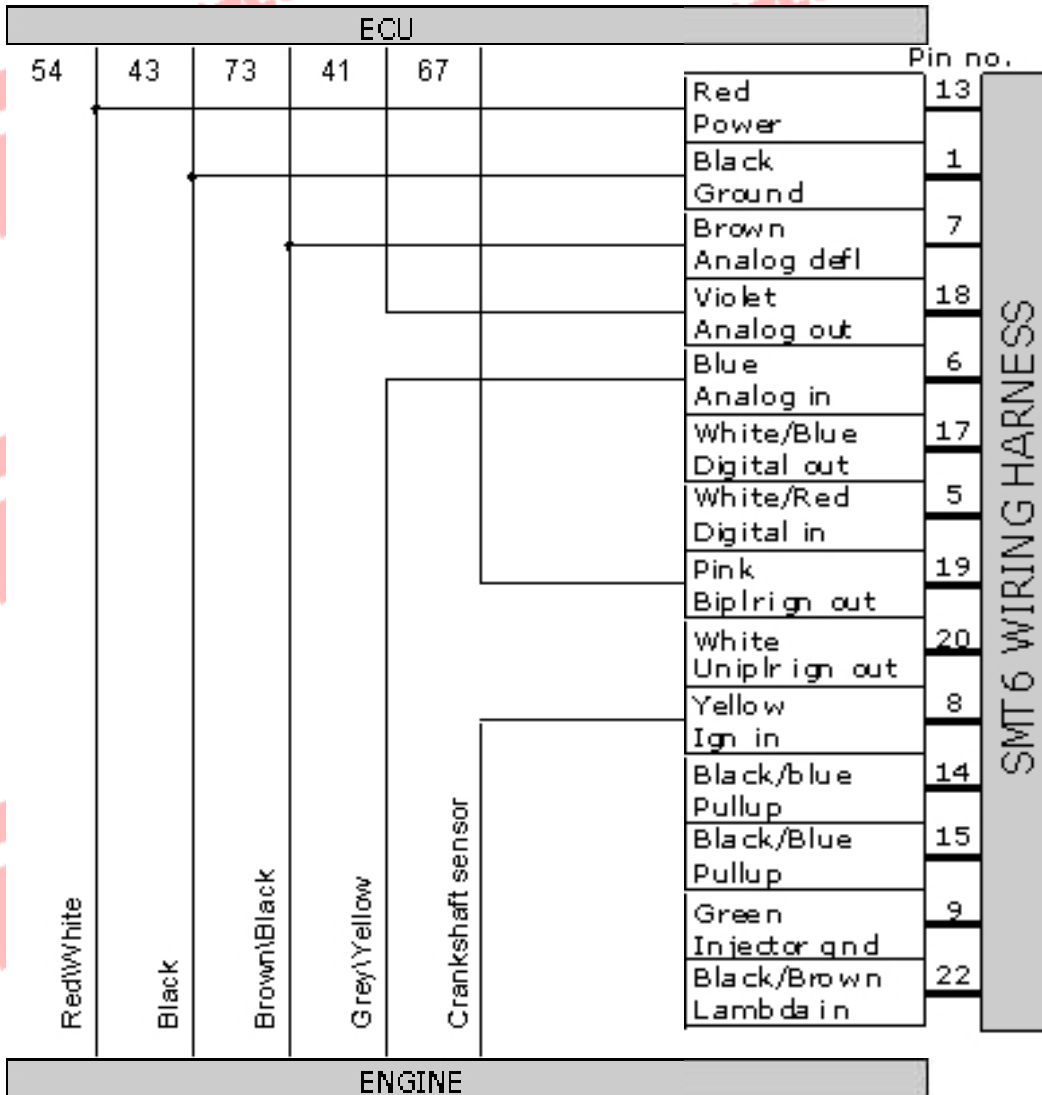
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

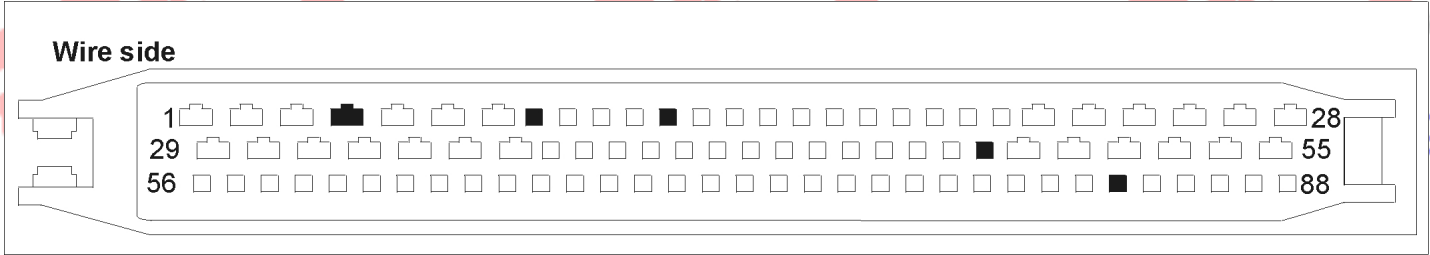
## Perfect Power Wiring Diagram



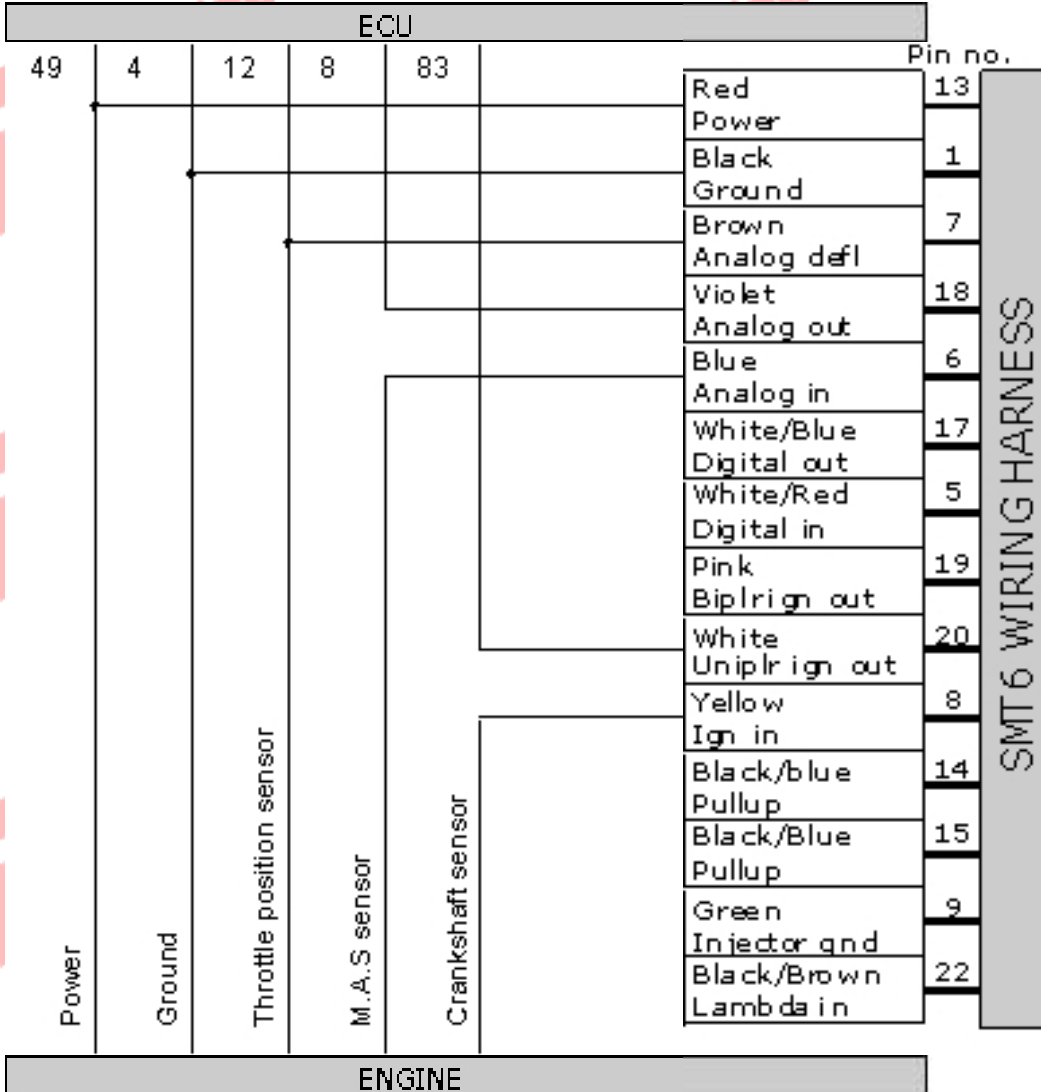
ECU make: Siemens MS 41      Vehicle make: BMW  
 Model: 320i Vanos (E36)  
 Year: 1994-98  
 Comments: May not be able to do ignition modifications on this car  
 ECU Location:

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
- Positive input pol ON
- Positive output pol ON
- Low level input ON
- High frequency OFF
- Interlaced OFF
- One missing tooth OFF
- Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

The above Global Settings are additions to the Default SMT6 Map. Disclaimer: Please note that as a result of the ECU pin out variations for this vehicle worldwide, this Wiring Diagram is to be used as a guideline only. Digital Technology will not be held responsible in any way for incorrect wiring information contained hereon.

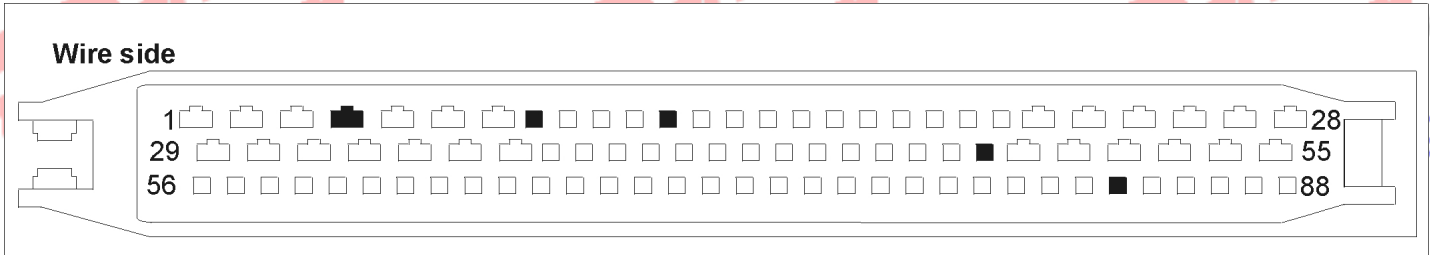
## Perfect Power Wiring Diagram



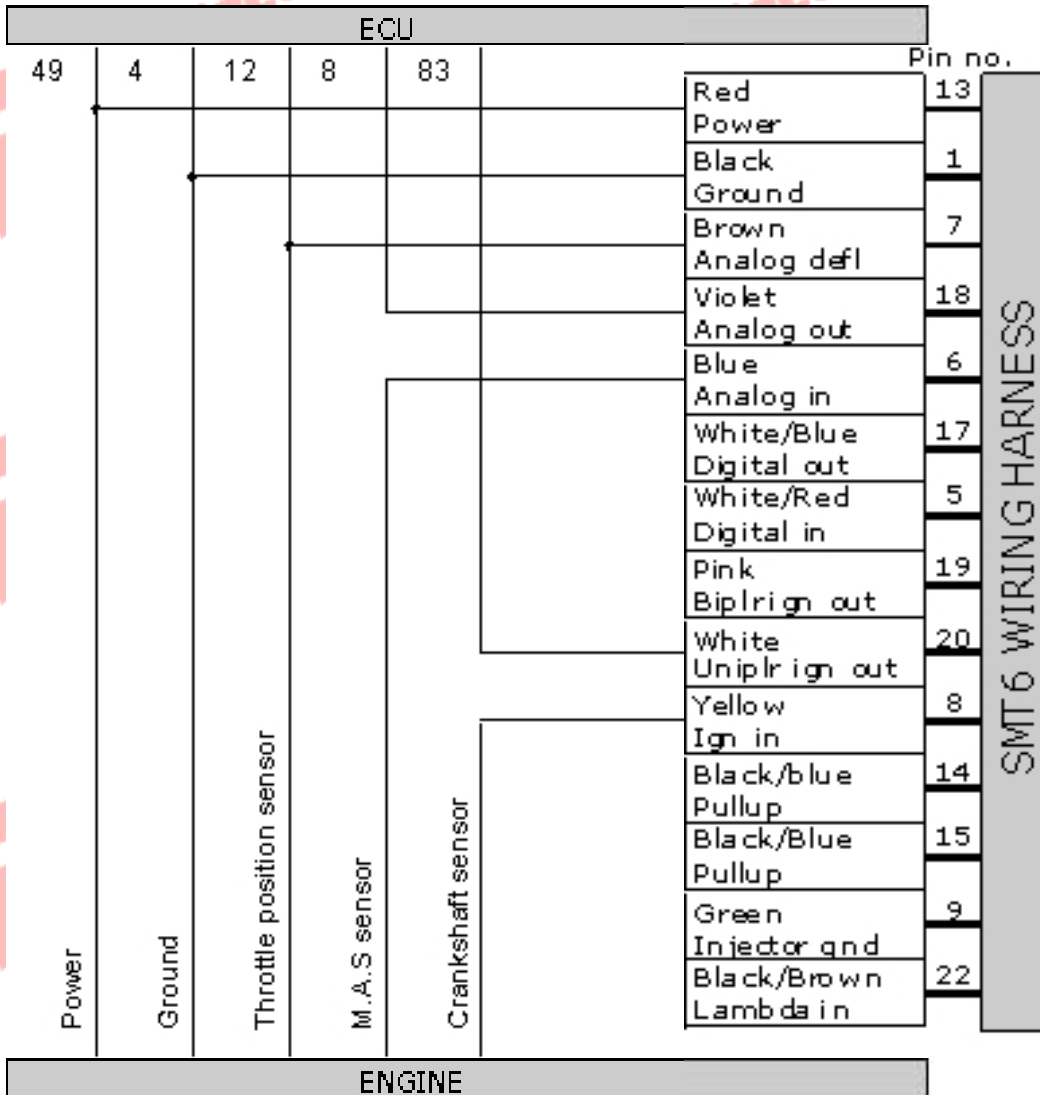
ECU make: Siemens MS 41      Vehicle make: BMW  
 Model: 323i/Compact (E36)  
 Year: 1995-98  
 Comments: May not be able to do ignition modifications on this car  
 ECU Location:

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders 4  
 Teeth per turn (incl miss) 60  
 Teeth per firing 30  
 Modes 1  
 System Config  
   Positive input pol ON  
   Positive output pol ON  
   Low level input OFF  
   High frequency OFF  
   Interlaced OFF  
   One missing tooth OFF  
   Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.



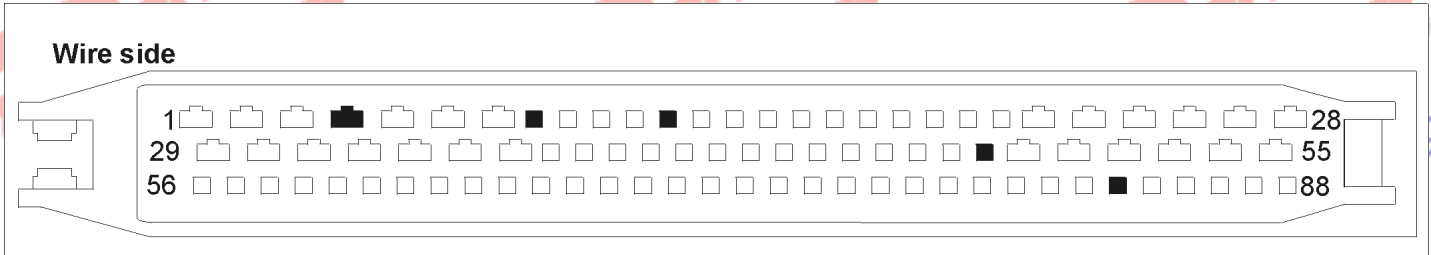
## Perfect Power Wiring Diagram



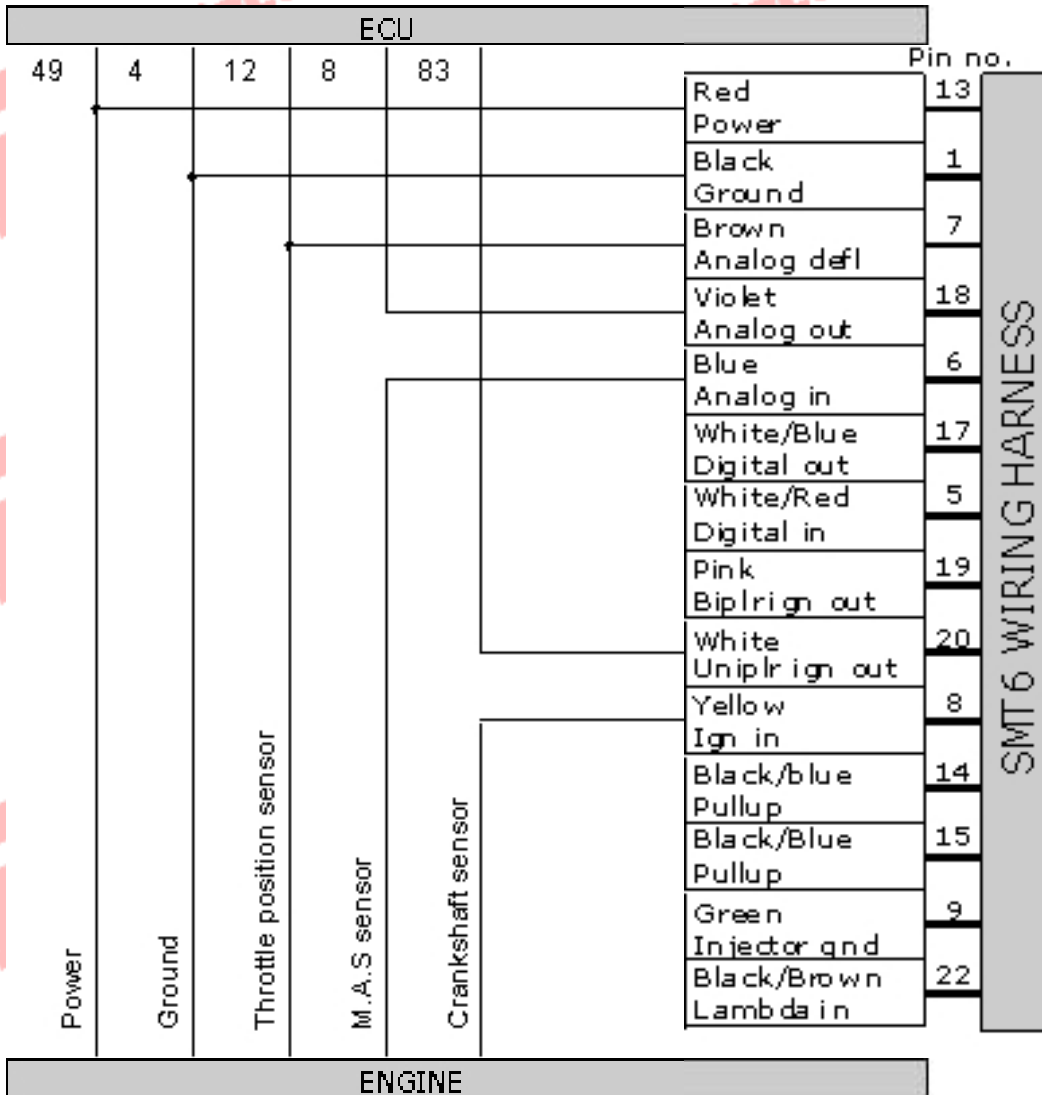
ECU make: Siemens MS 41      Vehicle make: BMW  
 Model: 328i (E36)  
 Year: 1995-98  
 Comments: May not be able to do ignition modifications on this car  
 ECU Location:

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders	6
Teeth per turn (incl miss)	60
Teeth per firing	20
Modes	1
System Config	
Positive input pol	ON
Positive output pol	ON
Low level input	ON
High frequency	OFF
Interlaced	OFF
One missing tooth	OFF
Lambda Input	OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

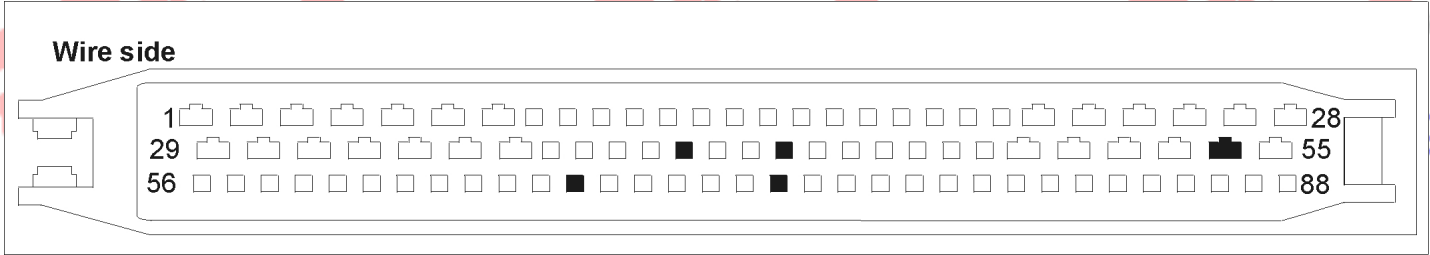


ECU make: Bosch Motronic M3.1  
 Model: 320i 24V (E36)  
 Year: 1991-92  
 Comments:  
 ECU Location: Engine bay left

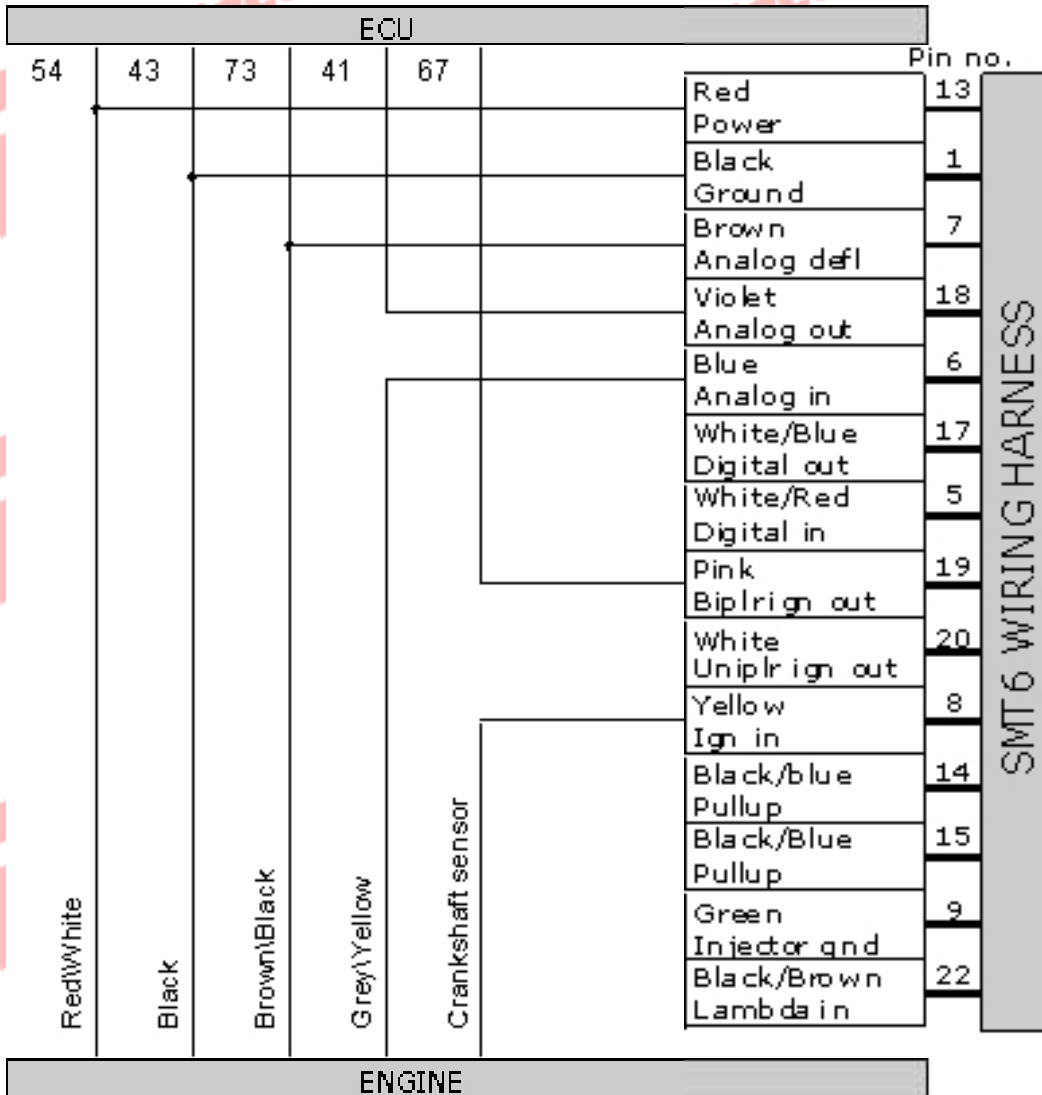
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 6
- Teeth per turn (incl miss) 60
- Teeth per firing 20
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

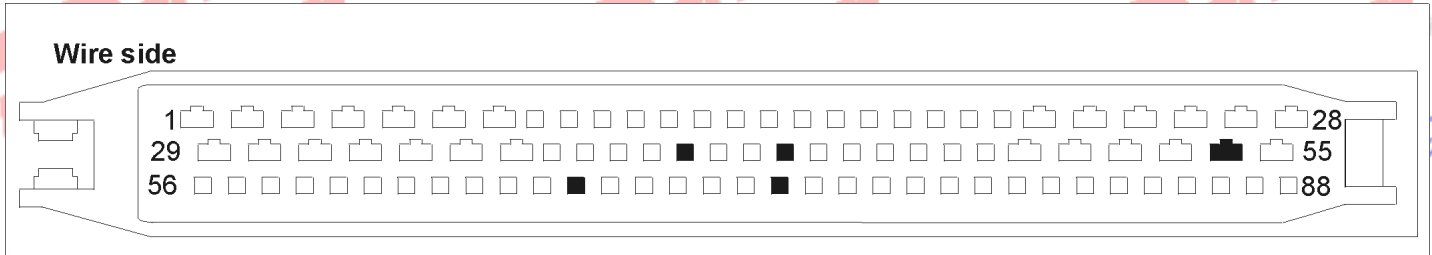


ECU make: Bosch Motoronic M3.1  
 Model: 320i 24V Vanos (E36)  
 Year: 1992-97  
 Comments:  
 ECU Location: Engine bay left

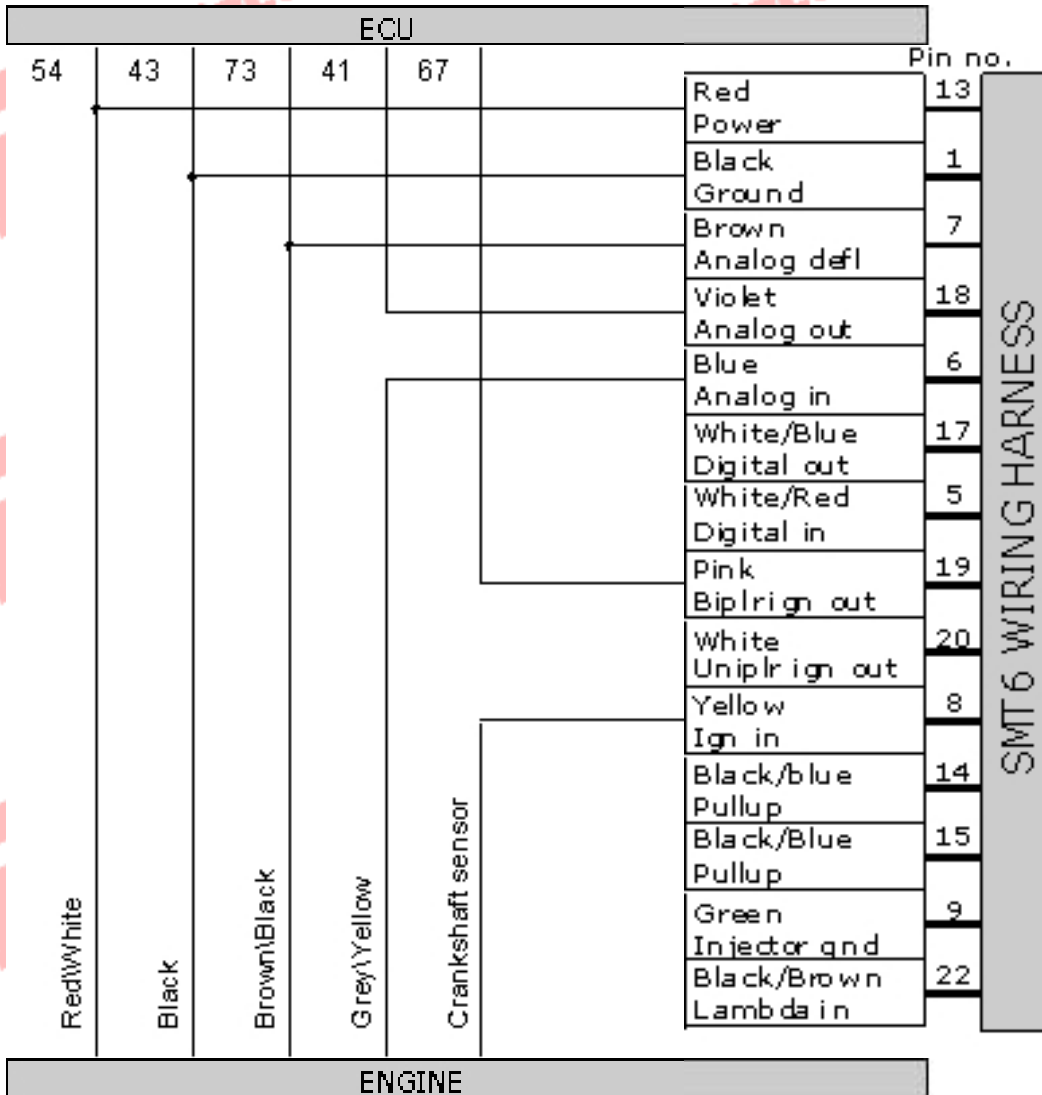
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 6
- Teeth per turn (incl miss) 60
- Teeth per firing 20
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

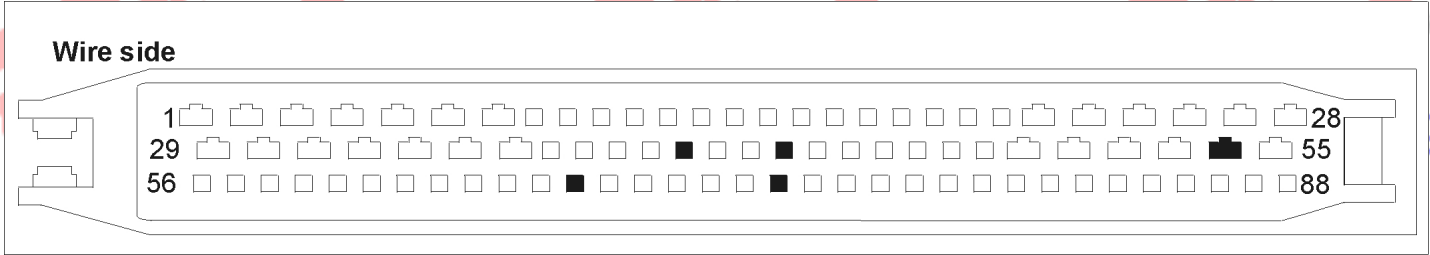


ECU make: Bosch Motronic M3.1  
 Model: 325i 24V (e36)  
 Year: 1991-92  
 Comments:  
 ECU Location: Engine bay left

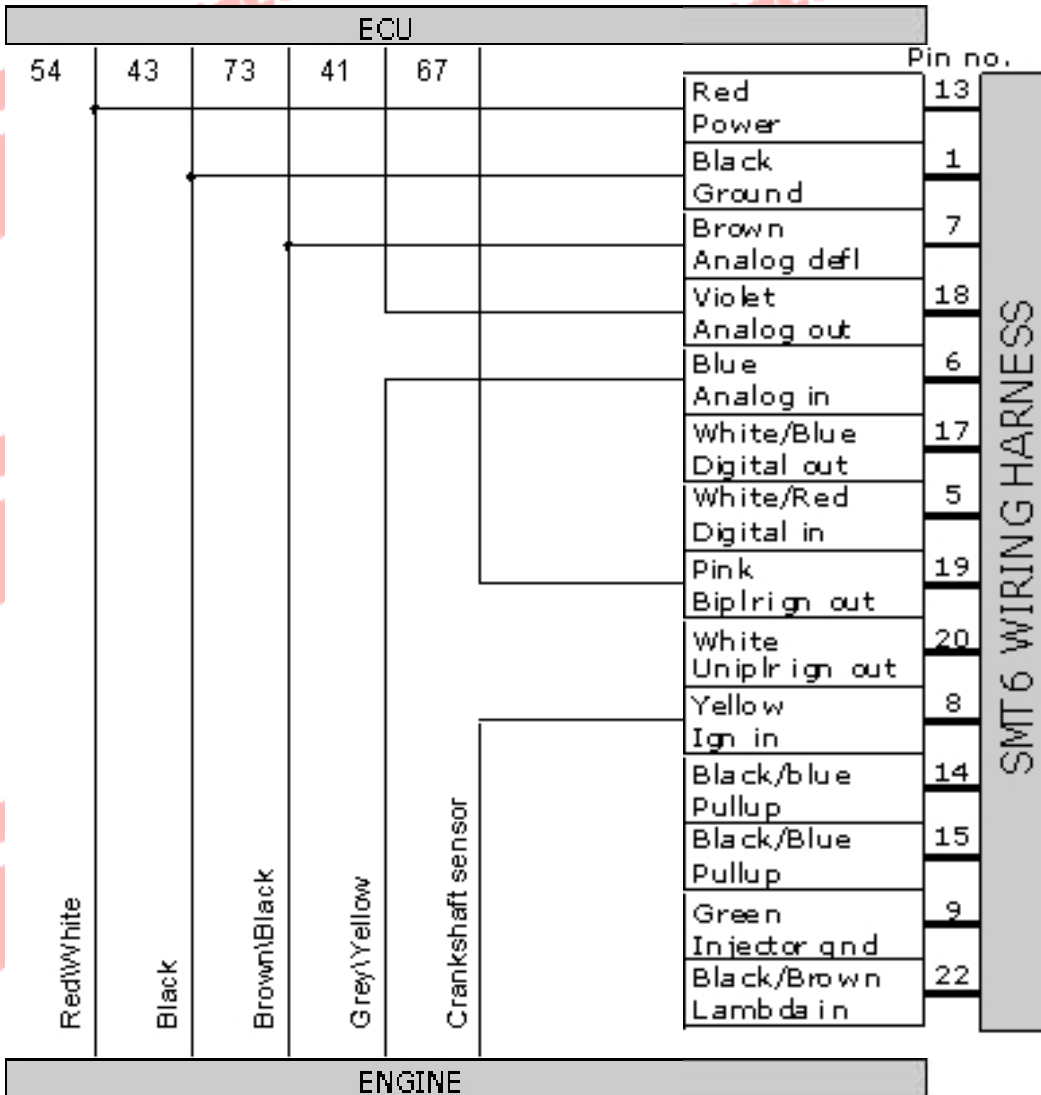
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 6
- Teeth per turn (incl miss) 60
- Teeth per firing 20
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram

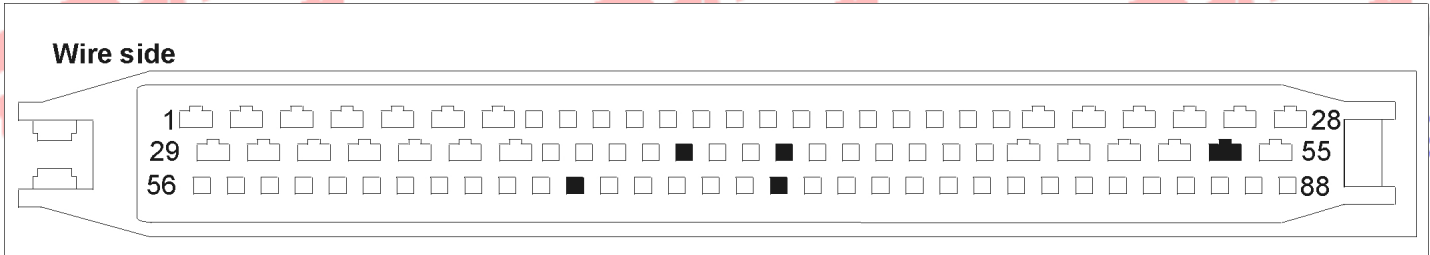


ECU make: Bosch Motronic M3.1  
 Model: 325i 24V Vanos (E36)  
 Year: 1992-97  
 Comments:  
 ECU Location: Engine bay left

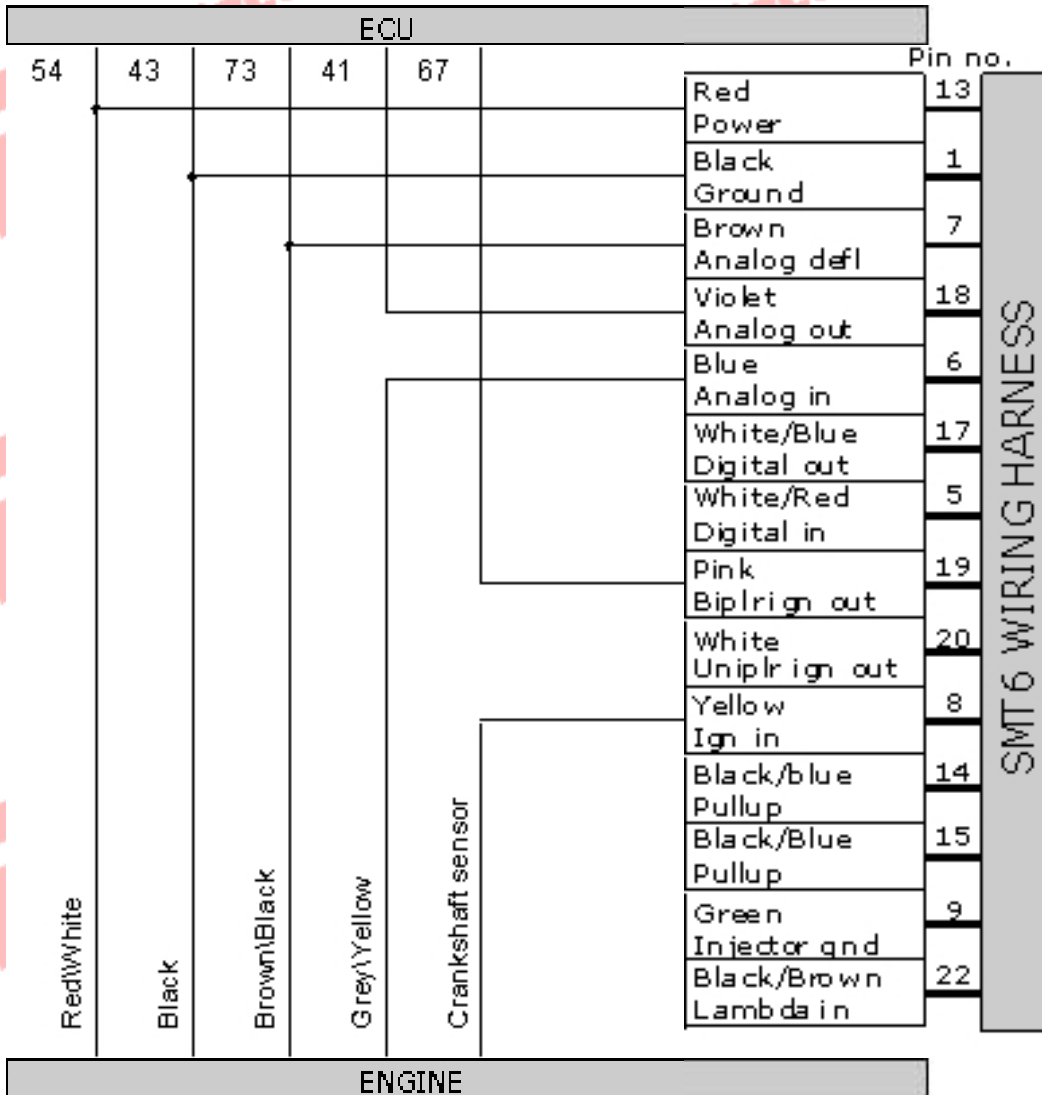
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 6
- Teeth per turn (incl miss) 60
- Teeth per firing 20
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

The above Global Settings are additions to the Default SMT6 Map. Disclaimer: Please note that as a result of the ECU pin out variations for this vehicle worldwide, this Wiring Diagram is to be used as a guideline only. Digital Technology will not be held responsible in any way for incorrect wiring information contained hereon.

# Perfect Power Wiring Diagram



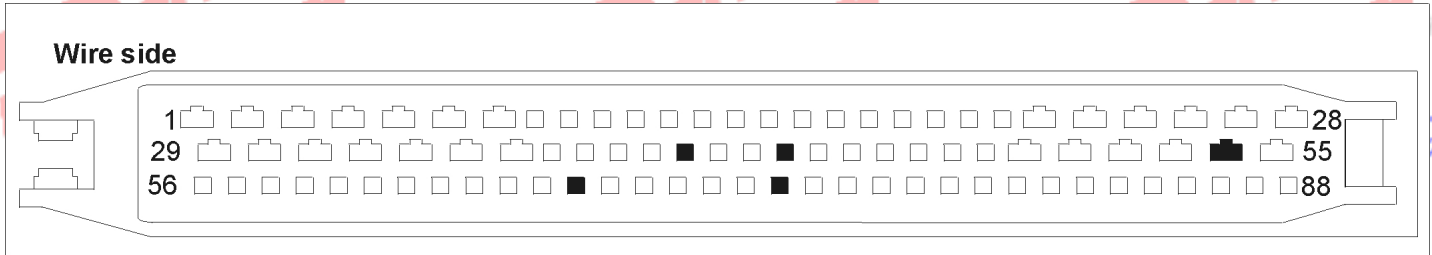
ECU make: Bosch Motoronic M3.1  
 Model: 520i/525i 24V (e36)  
 Year: 1989-92  
 Comments:

Vehicle make: BMW

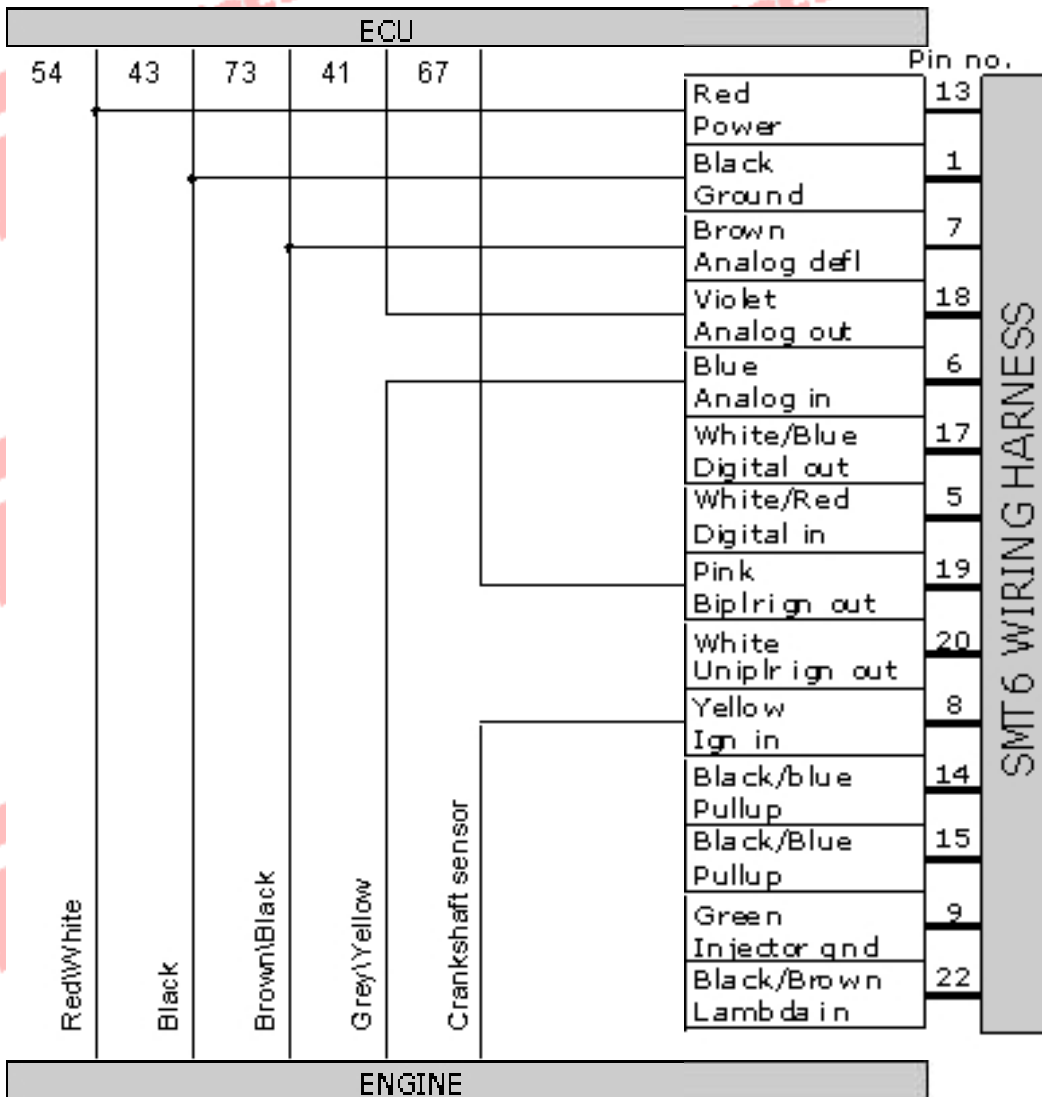
ECU Location: Plastic box right side of engine bay

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 6
- Teeth per turn (incl miss) 60
- Teeth per firing 20
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

## Perfect Power Wiring Diagram



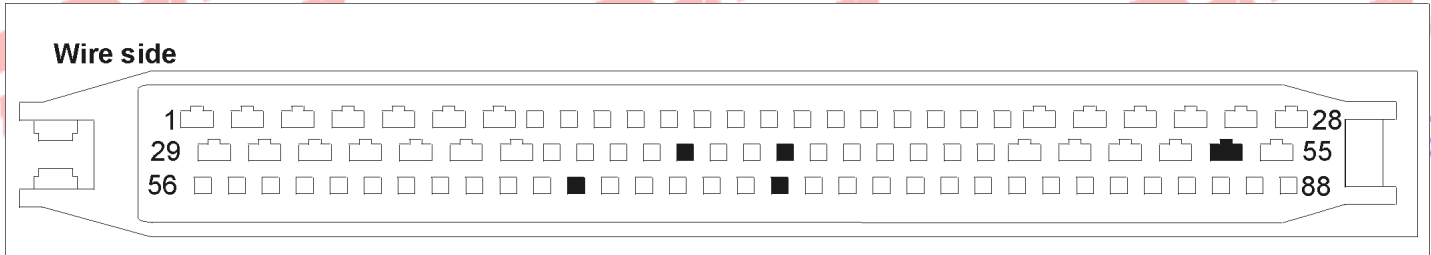
ECU make: Bosch Motronic M3.1  
 Model: 520i/525i 24V Vanos (e34)  
 Year: 1992-96  
 Comments:

Vehicle make: BMW

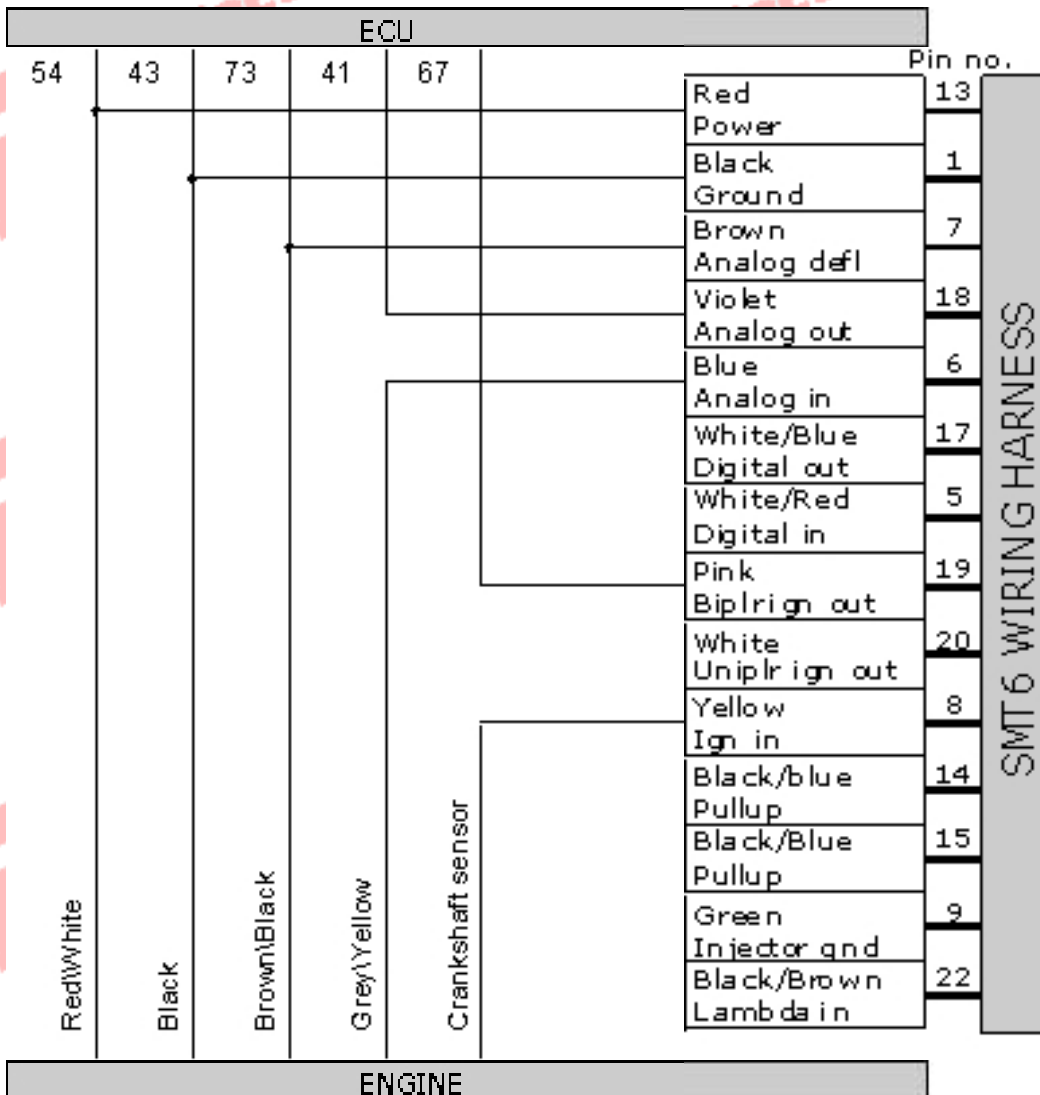
ECU Location: Plastic box right hand side of engine bay.

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

Cylinders	6
Teeth per turn (incl miss)	60
Teeth per firing	20
Modes	1
System Config	
Positive input pol	ON
Positive output pol	ON
Low level input	ON
High frequency	OFF
Interlaced	OFF
One missing tooth	OFF
Lambda Input	OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

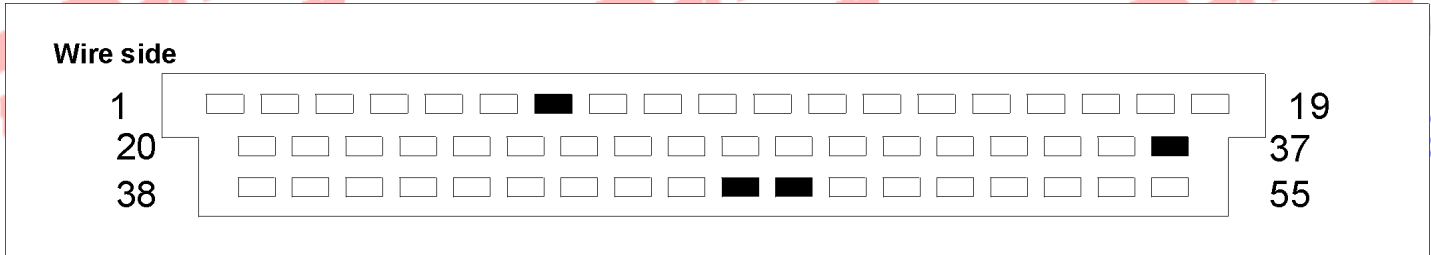


ECU make: Bosch Motronic M1.1/1.3  
Model: 316i/318i (E30)  
Year: 1988-93  
Comments:  
ECU Location: Under steering wheel

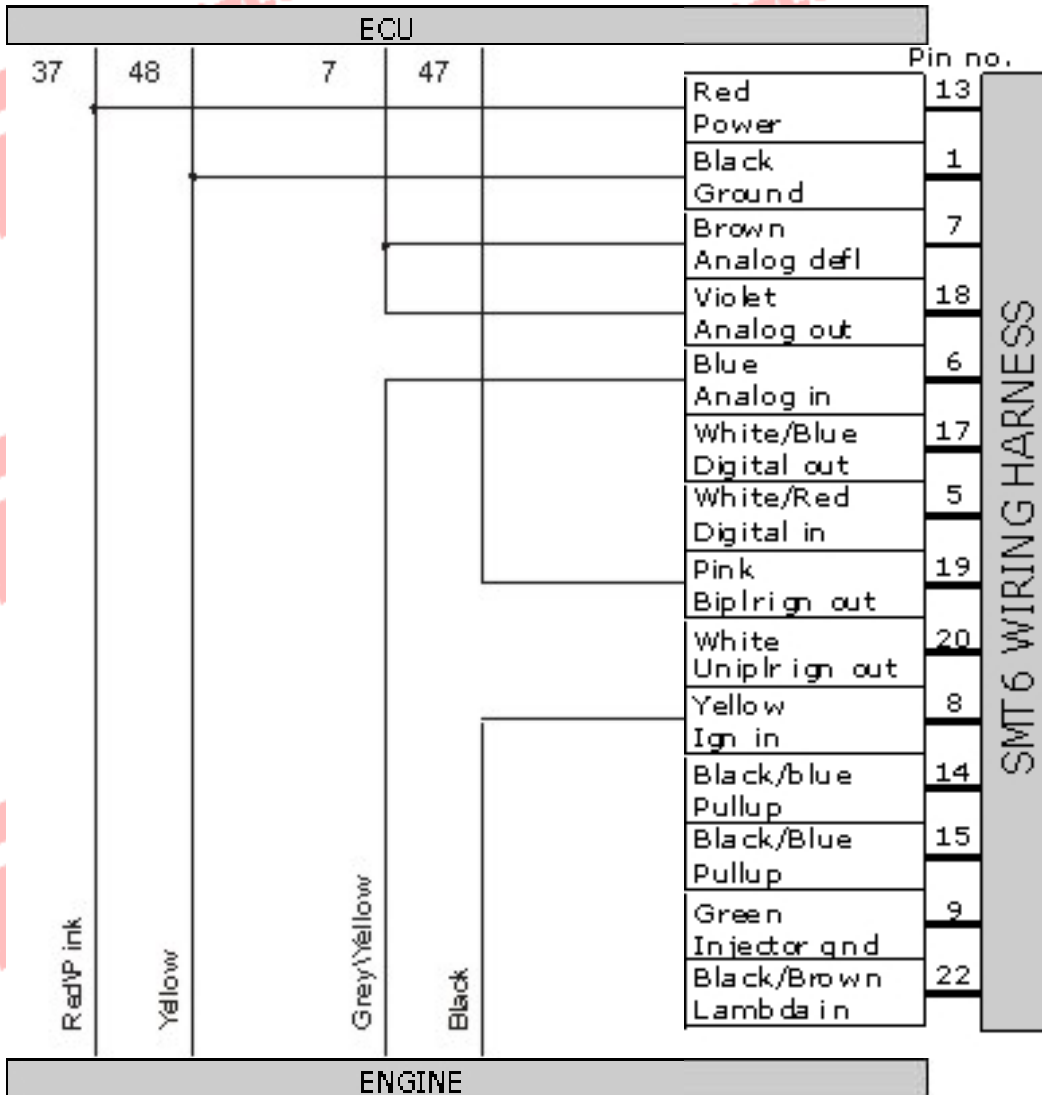
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

The above Global Settings are additions to the Default SMT6 Map. Disclaimer: Please note that as a result of the ECU pin out variations for this vehicle worldwide, this Wiring Diagram is to be used as a guideline only. Digital Technology will not be held responsible in any way for incorrect wiring information contained hereon.



## Perfect Power Wiring Diagram

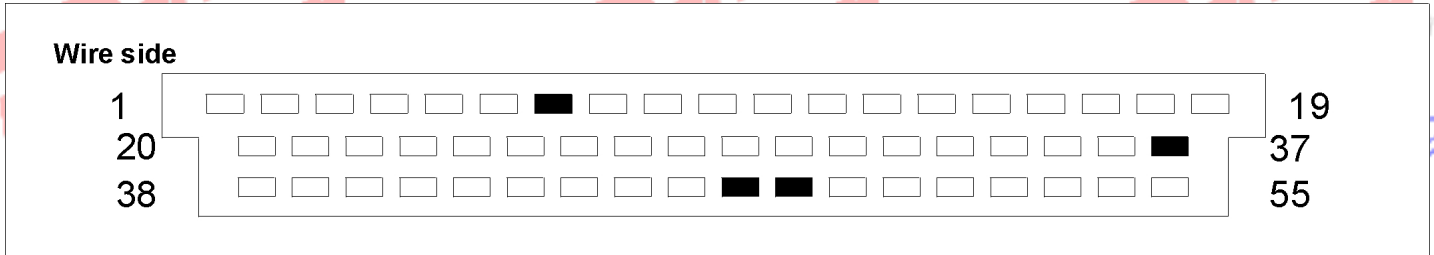


ECU make: Bosch Motronic M1.1/1.3  
 Model: 320i (E30)  
 Year: 1986-93  
 Comments:  
 ECU Location: Below steering wheel

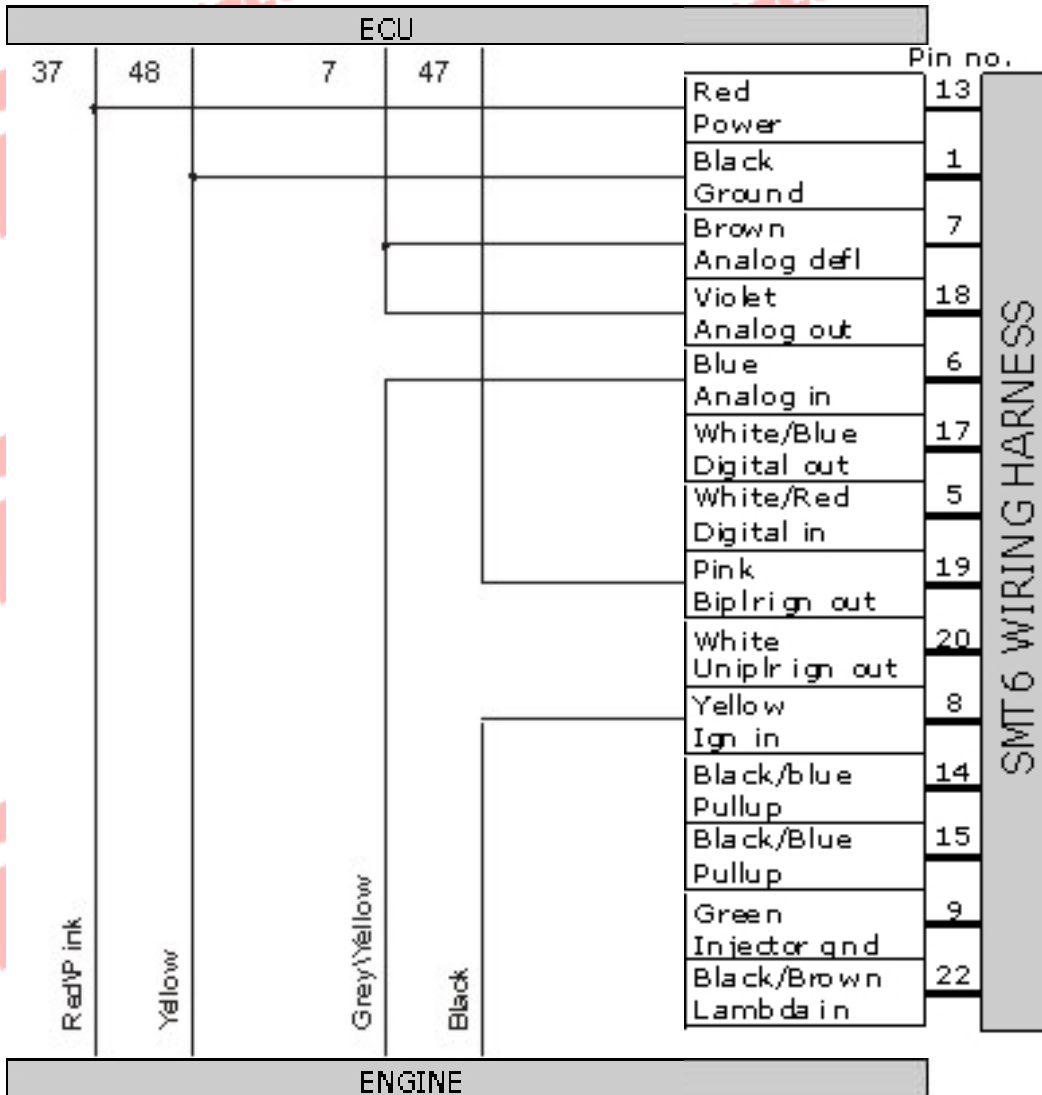
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

### ECU Pin Out



### Wiring Diagram



### Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON
  - High frequency OFF
  - Interlaced OFF
  - One missing tooth OFF
  - Lambda Input OFF

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram



ECU make: Bosch Motronic M1.7.3  
 Model: 316i (E36)  
 Year: 1995-00  
 Comments:  
 ECU Location:

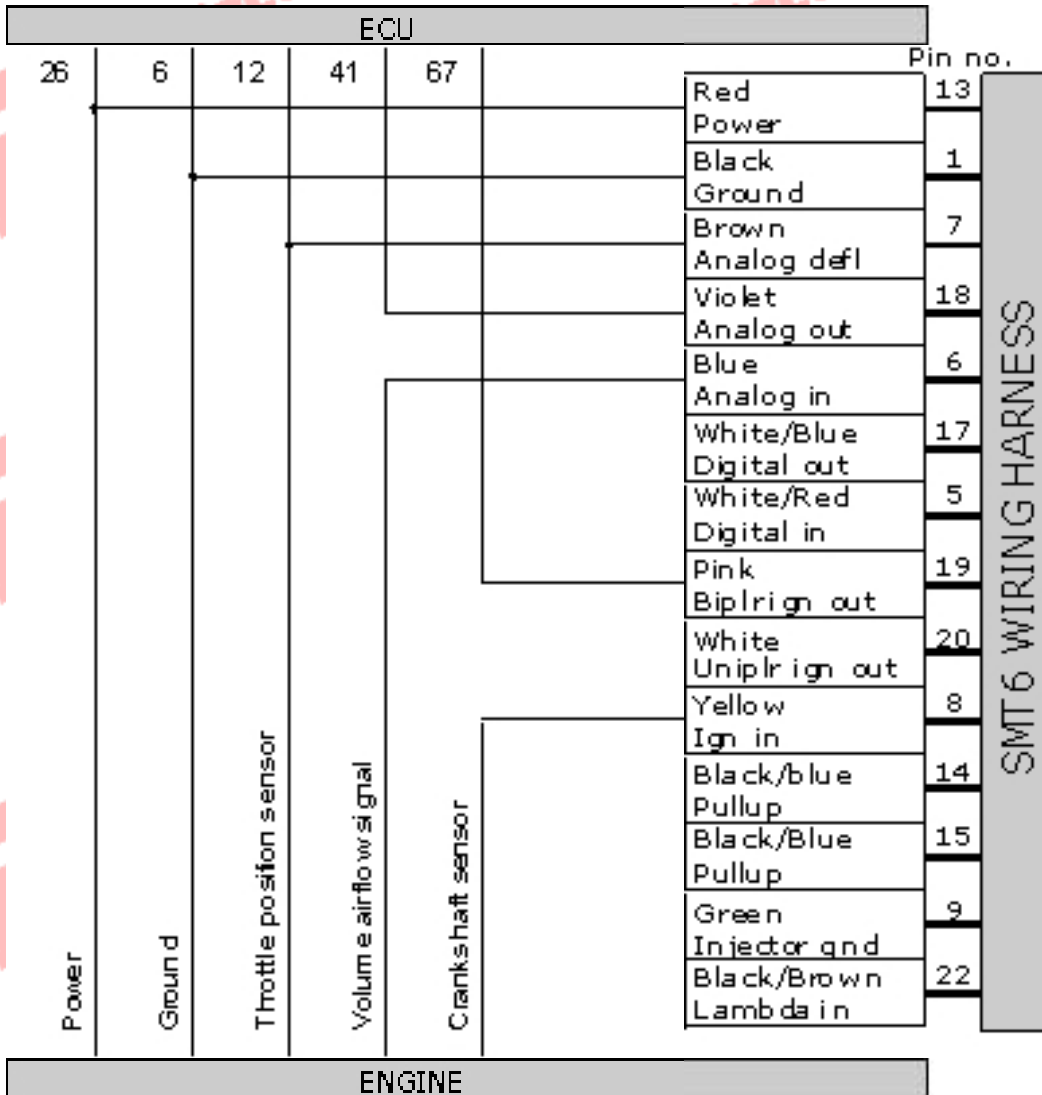
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram



ECU make: Bosch motronic M1.7.3  
 Model: 318i (E36)  
 Year: 1995-99  
 Comments:  
 ECU Location:

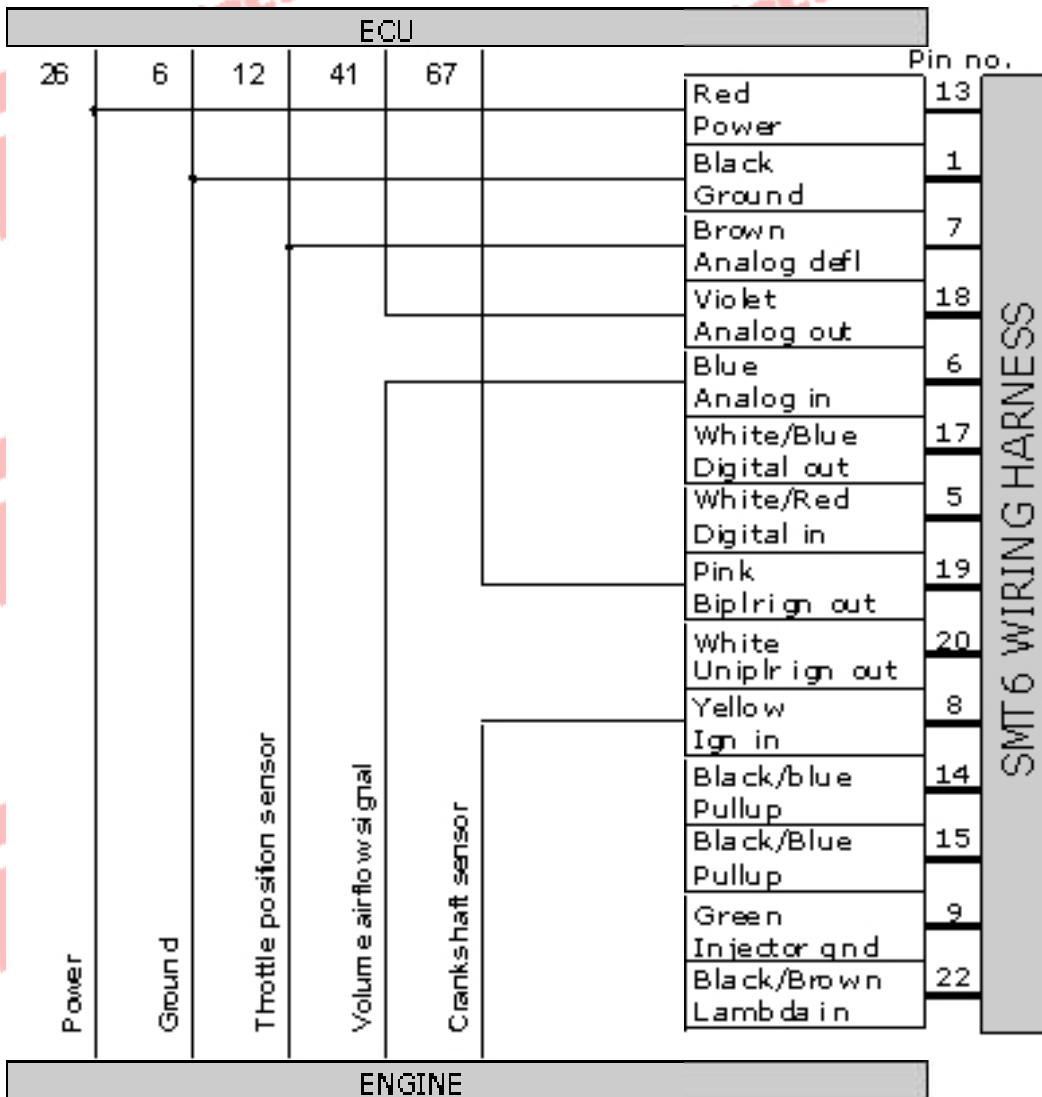
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 60
- Teeth per firing 30
- Modes 1
- System Config
  - Positive input pol ON
  - Positive output pol ON
  - Low level input ON

Click [here](#) for an explanation on how to use the global settings.

# Perfect Power Wiring Diagram

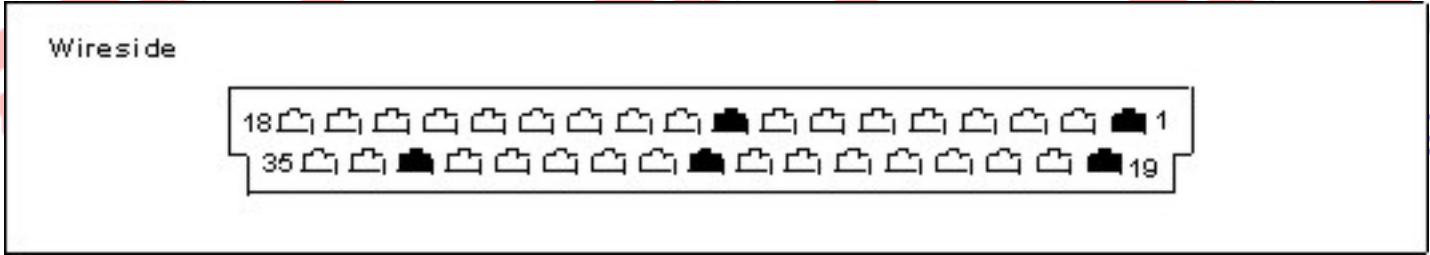


ECU make: Motronic  
 Model: 745i  
 Year:  
 Comments:  
 ECU Location:

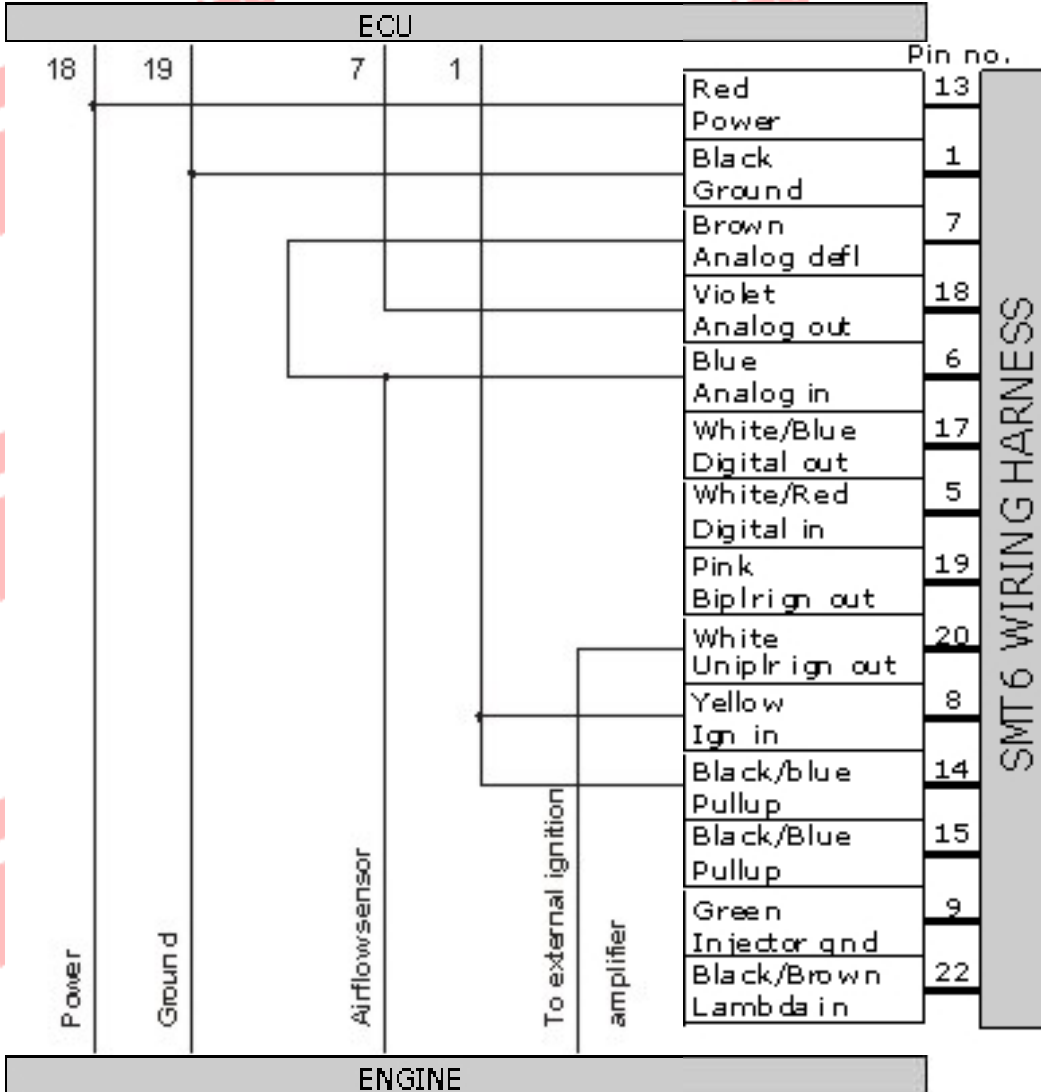
Vehicle make: BMW

Click [here](#) to return to BMW Menu.

## ECU Pin Out



## Wiring Diagram



## Global Settings

- Cylinders 4
- Teeth per turn (incl miss) 2
- Teeth per firing 1
- Modes 10
- System Config
- Positive input pol ON
- Positive output pol ON
- Low level input OFF

Click [here](#) for an explanation on how to use the global settings.