



Perfect Power Wiring Diagrams BMW Menu

To return to the Main Menu, click [here](#)

BMW Wiring Diagrams	
Model	ECU Location
318,323, 325 (E30) - Bosch Motronic Le - Jettronic - 1987-89	
Mini - - 2003	
e520i - Bosch Motronic M3.1 - 1992-96	
525i - Bosch Motronic M3.1 - 1992-96	
M3 3.2 double vanos (E36) (S50 B32) - Bosch Motronic 3.1 - 1997	✓
316i (e46) (194E1) - Bosch BMS 46 - 1999-02	
316i Compact (e36) (194E1) - Bosch BMS 46 - 1998-02	
318i (E46) (194E1) - Bosch BMS 46 - 1998-02	
320i - Bosch Motronic M3.1 - 1992-1997	
325i - Bosch Motronic M3.1 - 1992-96	
M3 3.2 Double Vanos (E36) (S50 B32) - Bosch motronic 3.1 - 1997	✓
325 - Motronic - 1982-88	✓
325e - Motronic - 1982-88	✓
528e - Motronic - 1982-88	✓
533i - Motronic - 1982-88	✓
535i - Motronic - 1982-88	✓
535iS - Motronic - 1982-88	✓
635Si - Motronic - 1982-88	✓
635CSi - Motronic - 1982-88	✓
733i - Motronic - 1982-88	✓
735i - Motronic - Motronic	✓
Z3 2.0 (20 6S 4) - Siemens MS 42 - 1999-02	
Z3 2.8 (28 6S 2) - Siemens MS 42 - 1999-02	✓
520i (E39) (25 6S 4) - Siemens MS 42 - 1998-02	
523i (E39) (20 6S 4) - Siemens MS 42 - 1998-02	

528i (E39) (28 6S 2) - Siemens MS 42 - 1998-02	
728i (E28) (28 6S 2) - Siemens MS 42 - 1998-02	
740i (E38) - Bosch Motronic M3.3 - 1994-96	
M5 24V - -	✓
540 - - 1997	✓
318iS/Coupe (E36) - Bosch Motronic 5.2 - 1996-99	✓
318Ti Compact (E36) - Bosch Motronic 5.2 - 1996-00	
320i (E46) (20 6S 4) - Siemens MS 42 - 1998-02	
323i (E46) (25 6S 4) - Siemens MS 42 - 1998-02	
328i (E46) (28 6S 2) - Siemens MS 42 - 1998-02	
730i (E32) - Bosch Motronic M3.3 - 1992-94	
730i (E38) - Bosch Motronic M3.3 - 1994-96	
740i (E32) - Bosch Motronic M3.3 - 1992-94	
540 - - 1998-	✓
520i 24V Vanos (E34) - Bosch Motronic M3.3.1 - 1992-96	✓
3.2 M3 Double Vanos - Bosch Motronic 3.1 -	✓
325i 24V Vanos (E36) - Bosch Motronic M3.3.1 - 1992-97	✓
525i 24V Vanos (E34) - Bosch Motronic M3.3.1 - 1992-96	✓
2.0 & 2.5 24V no Vanos - -	✓
316i (E36) (16 4E 1) - Bosch Motronic M1.7 - 1991-93	
318i (E36) (18 4E 1) - Bosch Motronic M1.7 - 1991-93	
518i (E34) - Bosch Motronic M1.7 - 1989-95	
530 & 540 V8 - -	✓
2L & 2.5L 24V with Vanos - -	✓
3.0L M3 with Vanos - -	✓
530i (E34) - Bosch Motronic M3.3 - 1992-96	✓
540i (E34) - Bosch Motronic M3.3 - 1992-96	✓
316 M40 - -	✓
316i/318i (E30) - Bosch Motronic M1.1/1.3 - 1988-93	
320i (E30) - Bosch Motronic M1.1/1.3 - 1986-93	
325i/325e (E30) - Bosch Motronic M1.1/1.3 - 1985-93	
318i (E36) - Bosch Motronic M1.1/1.3 - 1991-93	
518i (E34) - Bosch Motronic M1.1/1.3 - 1991-93	

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

316i/318i (E30) - Bosch Motronic M1.1/1.3 - 1988-93	✓
320i (E30) - Bosch Motronic M1.1/1.3 - 1986-93	✓
316i (E36) - Bosch Motronic M1.7.3 - 1995-00	
318i (E36) - Bosch motronic M1.7.3 - 1995-99	
745i - Motronic -	

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Perfect Power Wiring Diagram

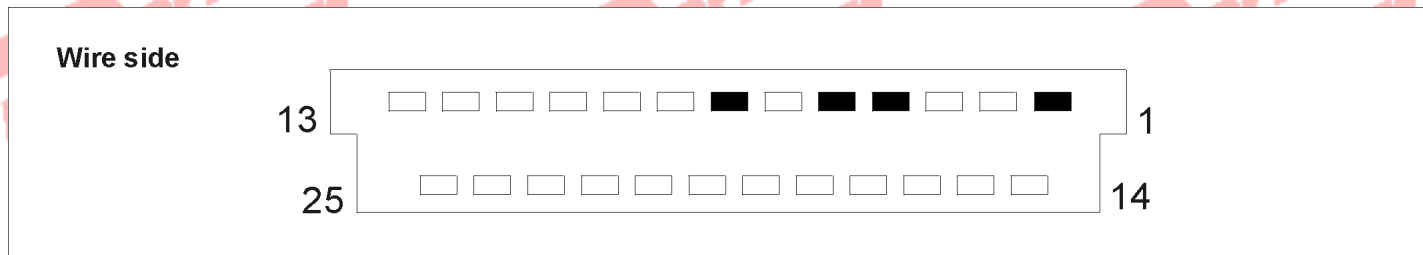


ECU make: Bosch Motronic Le - Jettronic
 Model: 318,323, 325 (E30)
 Year: 1987-89
 Comments:
 ECU Location:

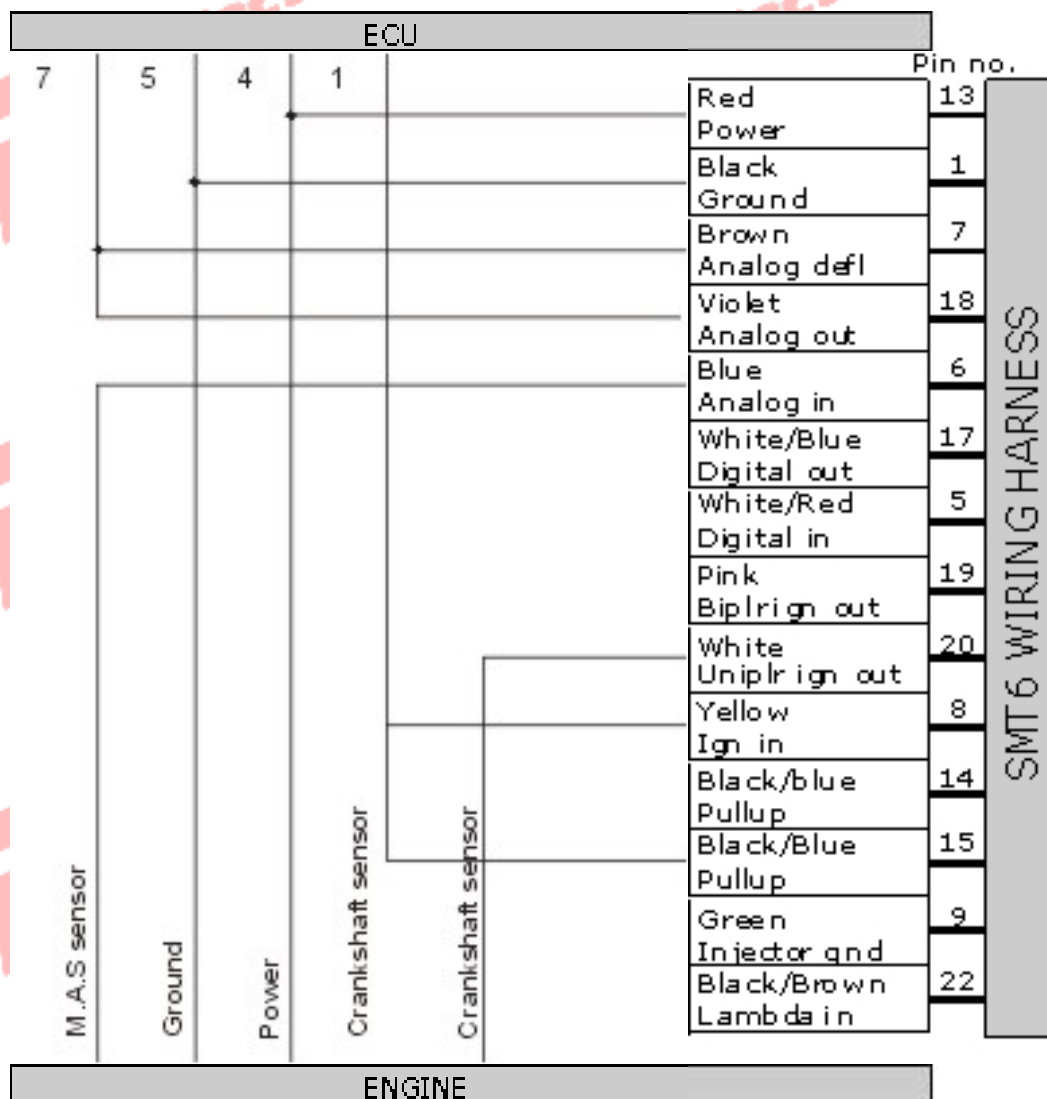
Vehicle make: BMW

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
 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

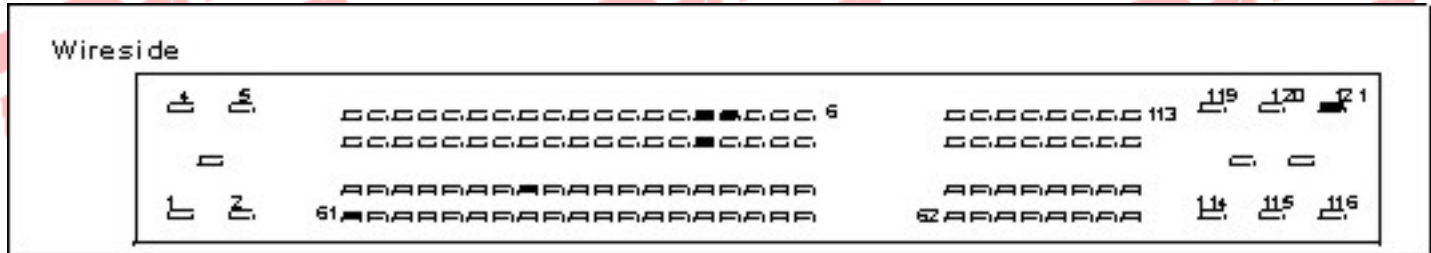


ECU make:
Model: Mini
Year: 2003
Comments:
ECU Location:

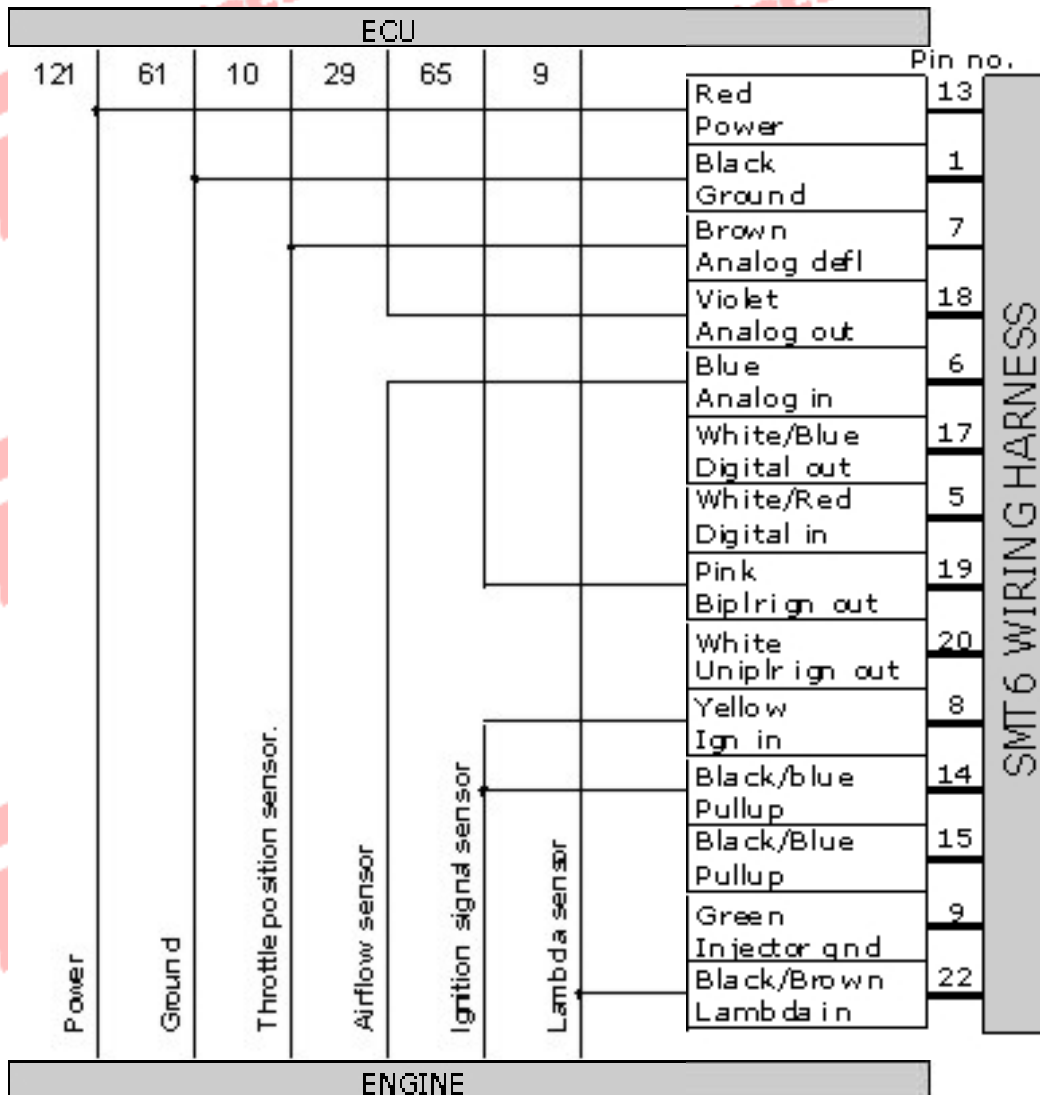
Vehicle make: BMW

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

Vehicle make: BMW

Model: e520i

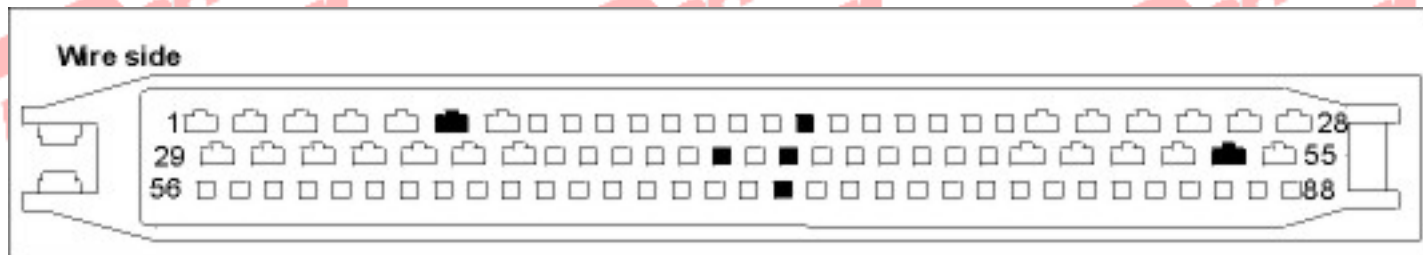
Year: 1992-96

Comments: Not sure of crank pickup feedback appreciated

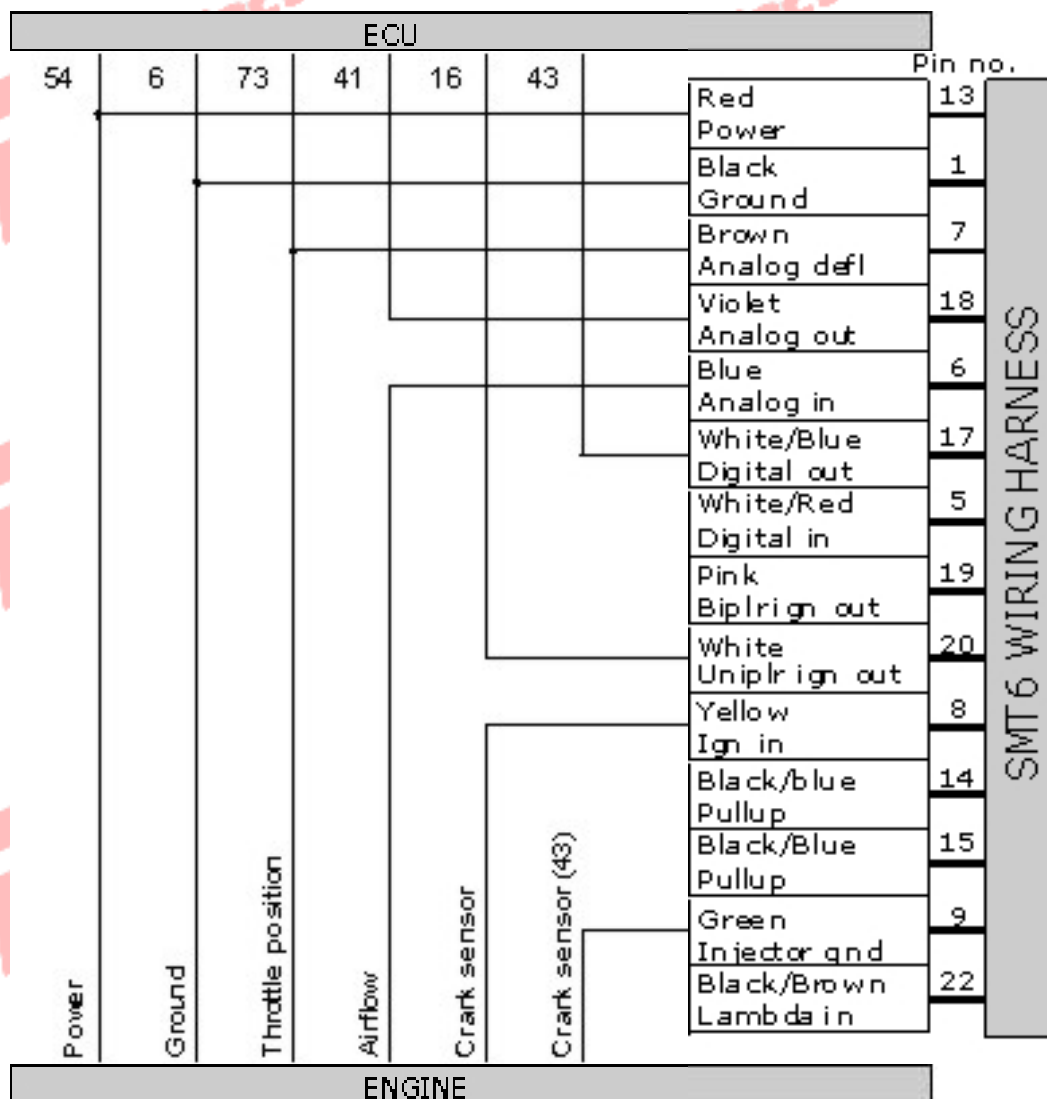
ECU Location:

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

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

Perfect Power Wiring Diagram



ECU make: Bosch Motronic M3.1

Vehicle make: BMW

Model: 525i

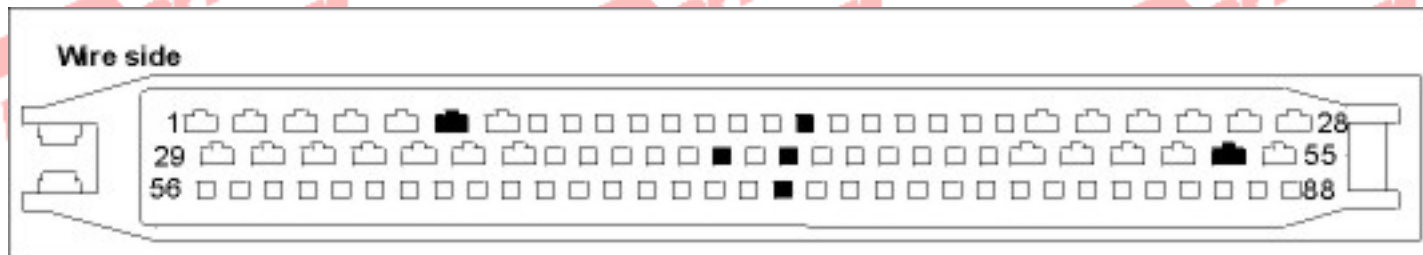
Year: 1992-96

Comments: Not sure of crank pickup feedback appreciated

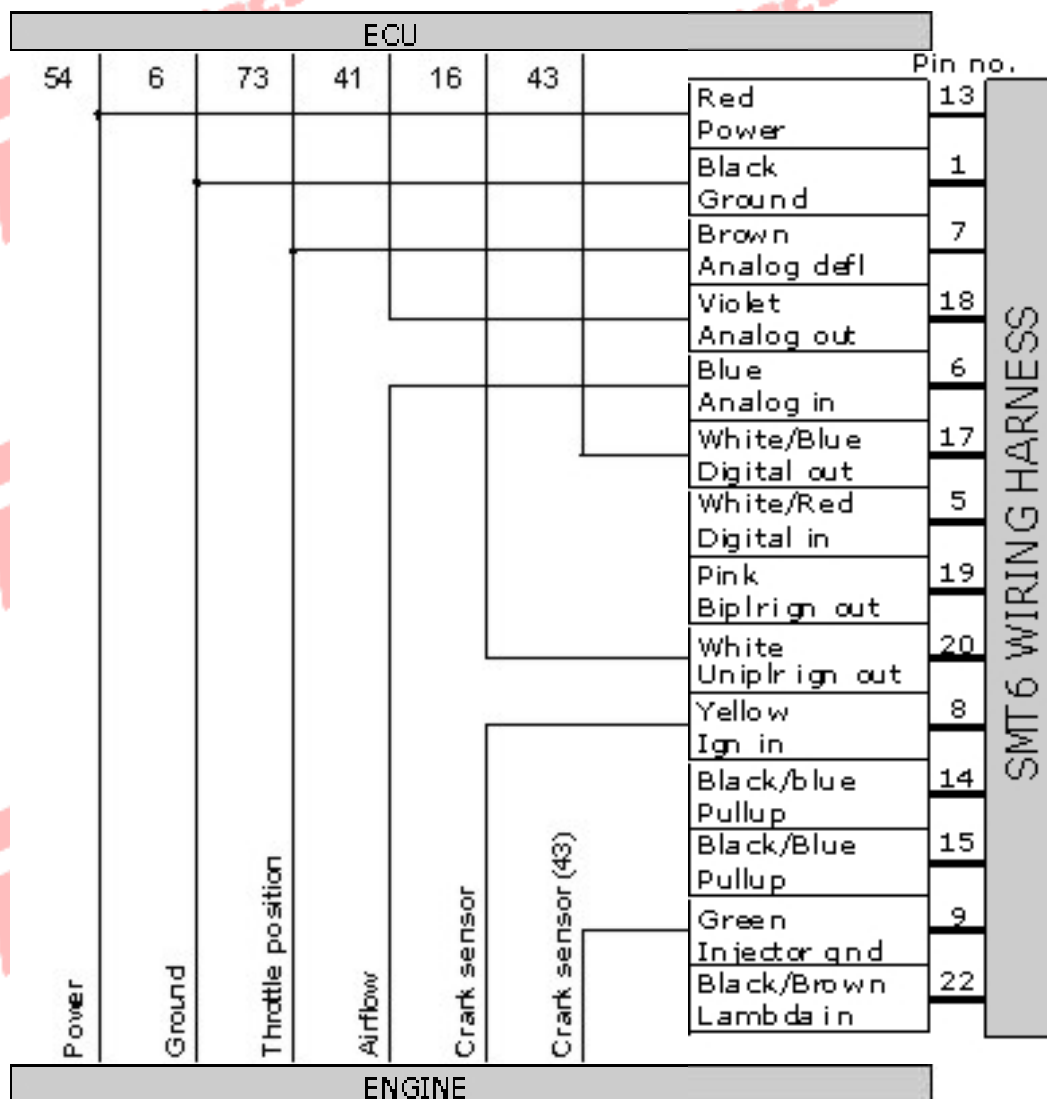
ECU Location:

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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)

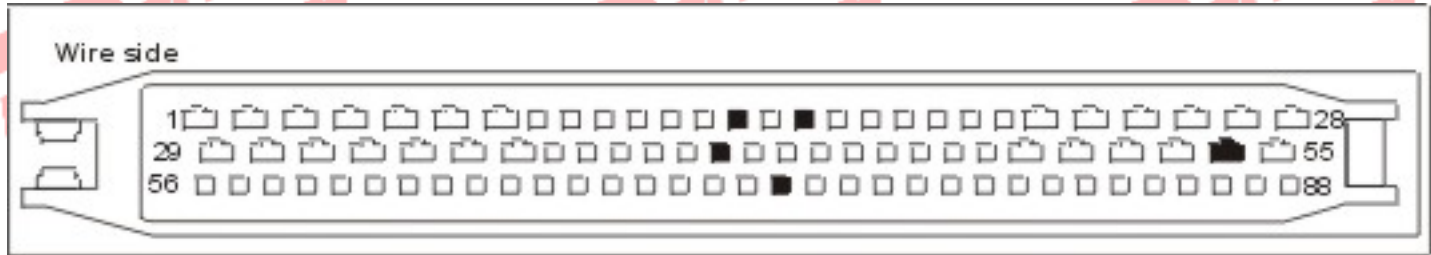
Year: 1997

Comments: Fuel only, see other diagram for ignition mod's

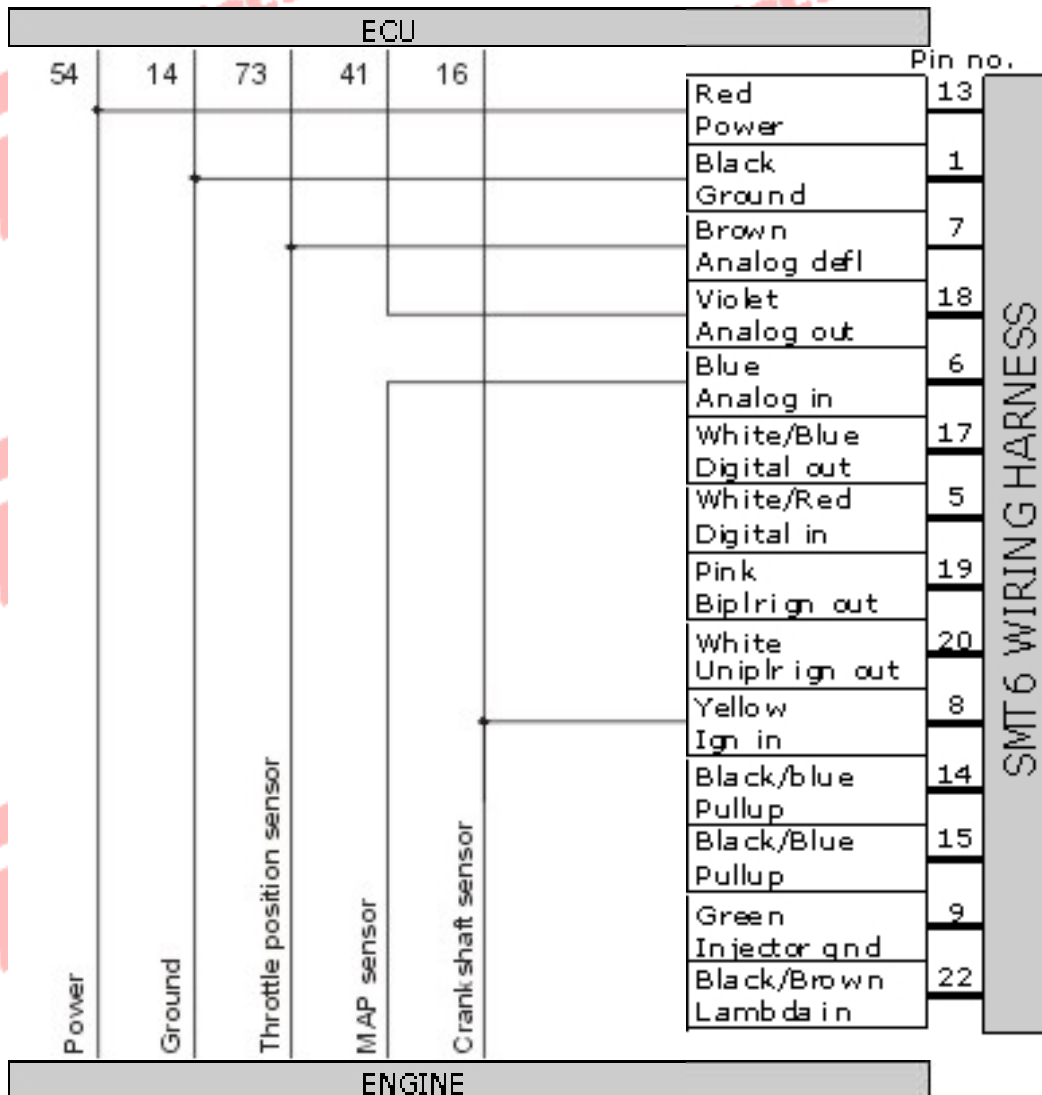
ECU Location: Engine bay behind fuse box

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

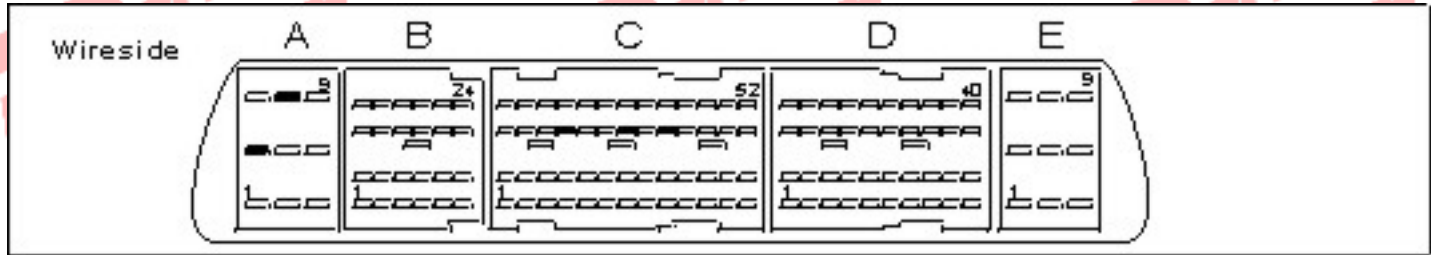


ECU make: Bosch BMS 46
 Model: 316i (e46) (194E1)
 Year: 1999-02
 Comments:
 ECU Location:

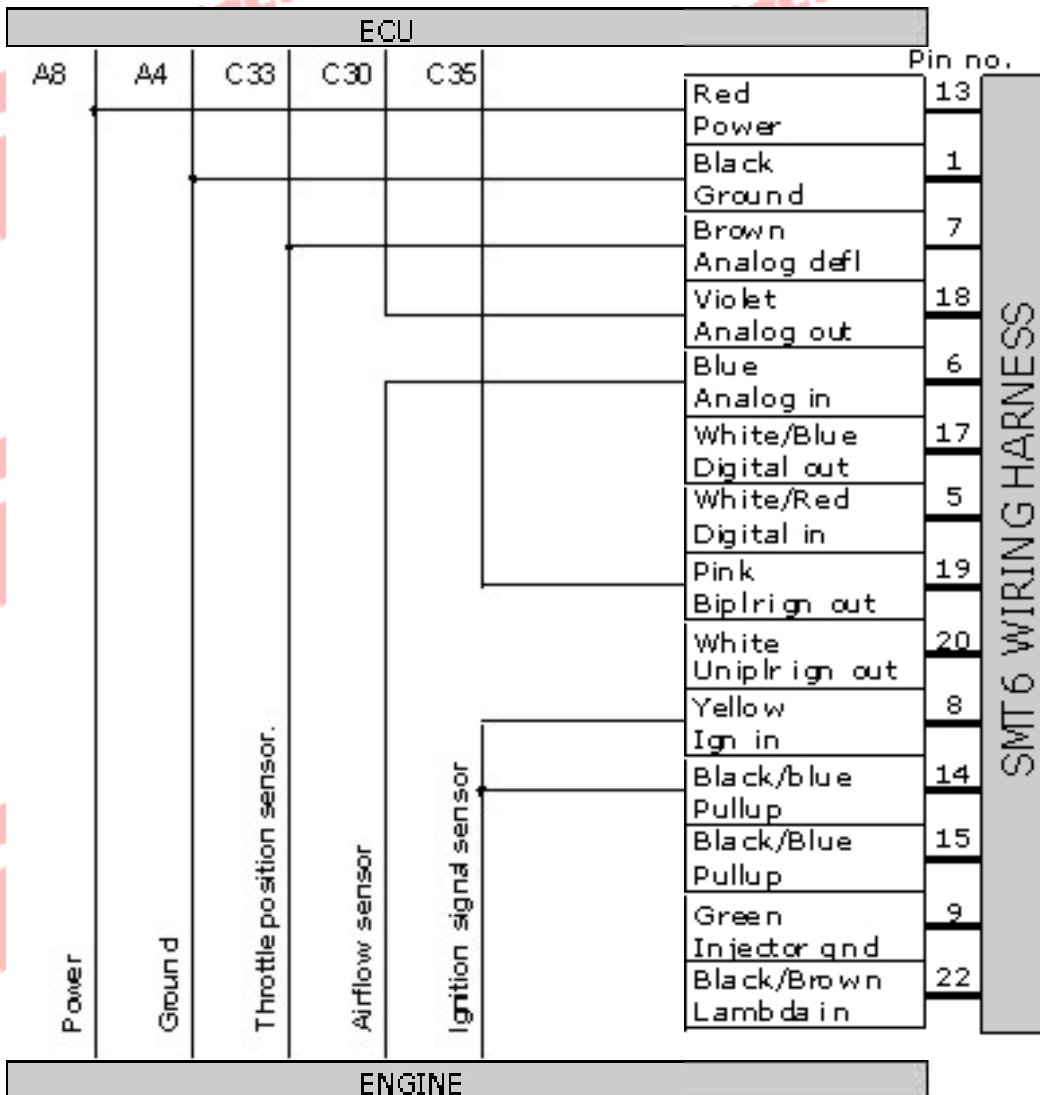
Vehicle make: BMW

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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

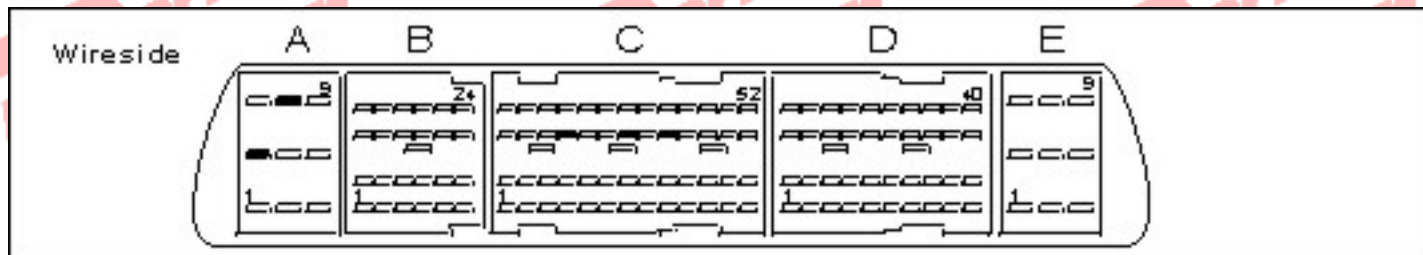


ECU make: Bosch BMS 46
 Model: 316i Compact (e36) (194E1)
 Year: 1998-02
 Comments:
 ECU Location:

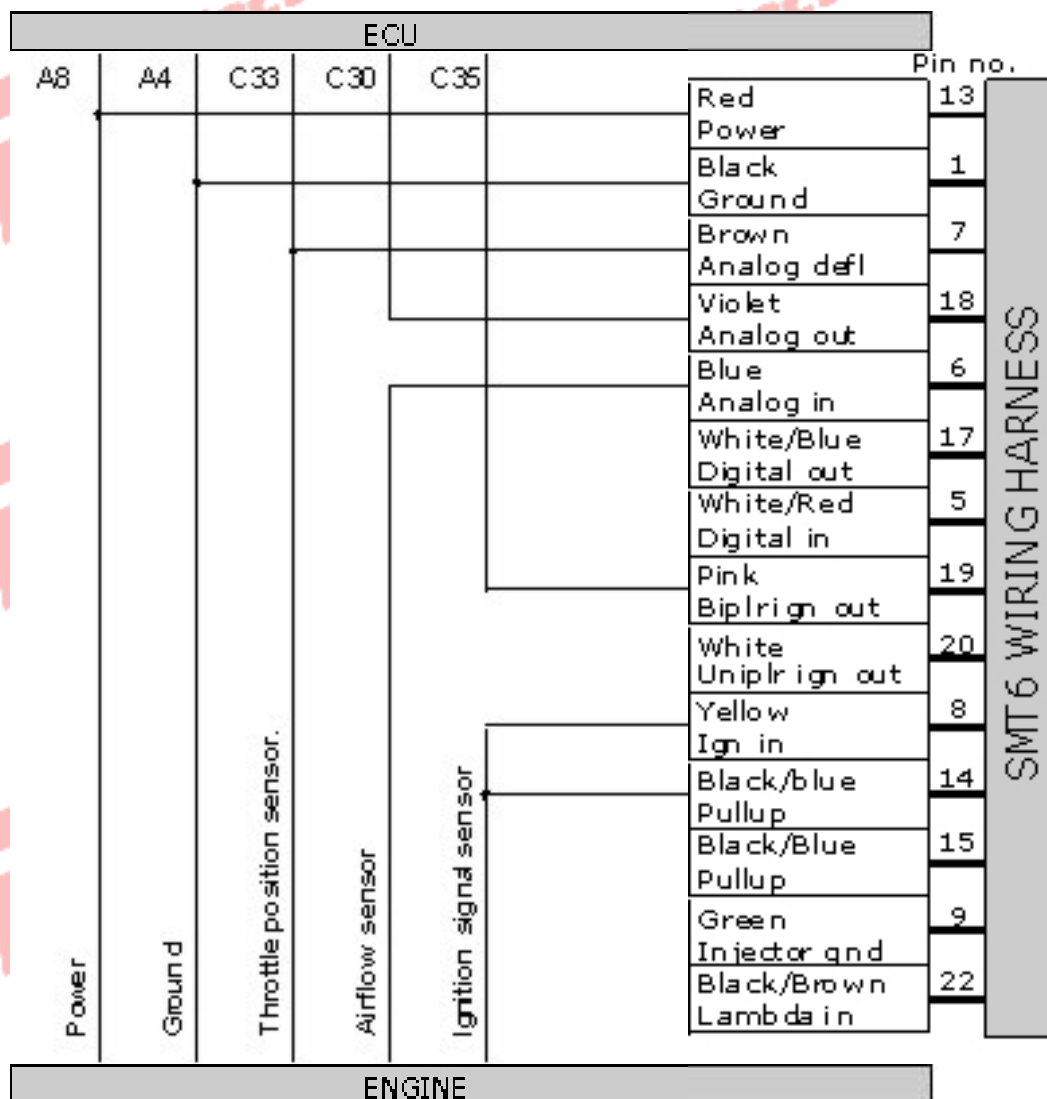
Vehicle make: BMW

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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

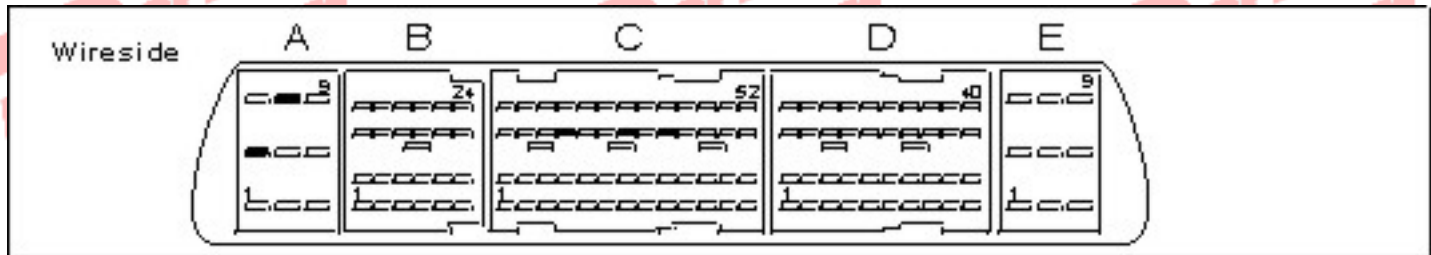


ECU make: Bosch BMS 46
 Model: 318i (E46) (194E1)
 Year: 1998-02
 Comments:
 ECU Location:

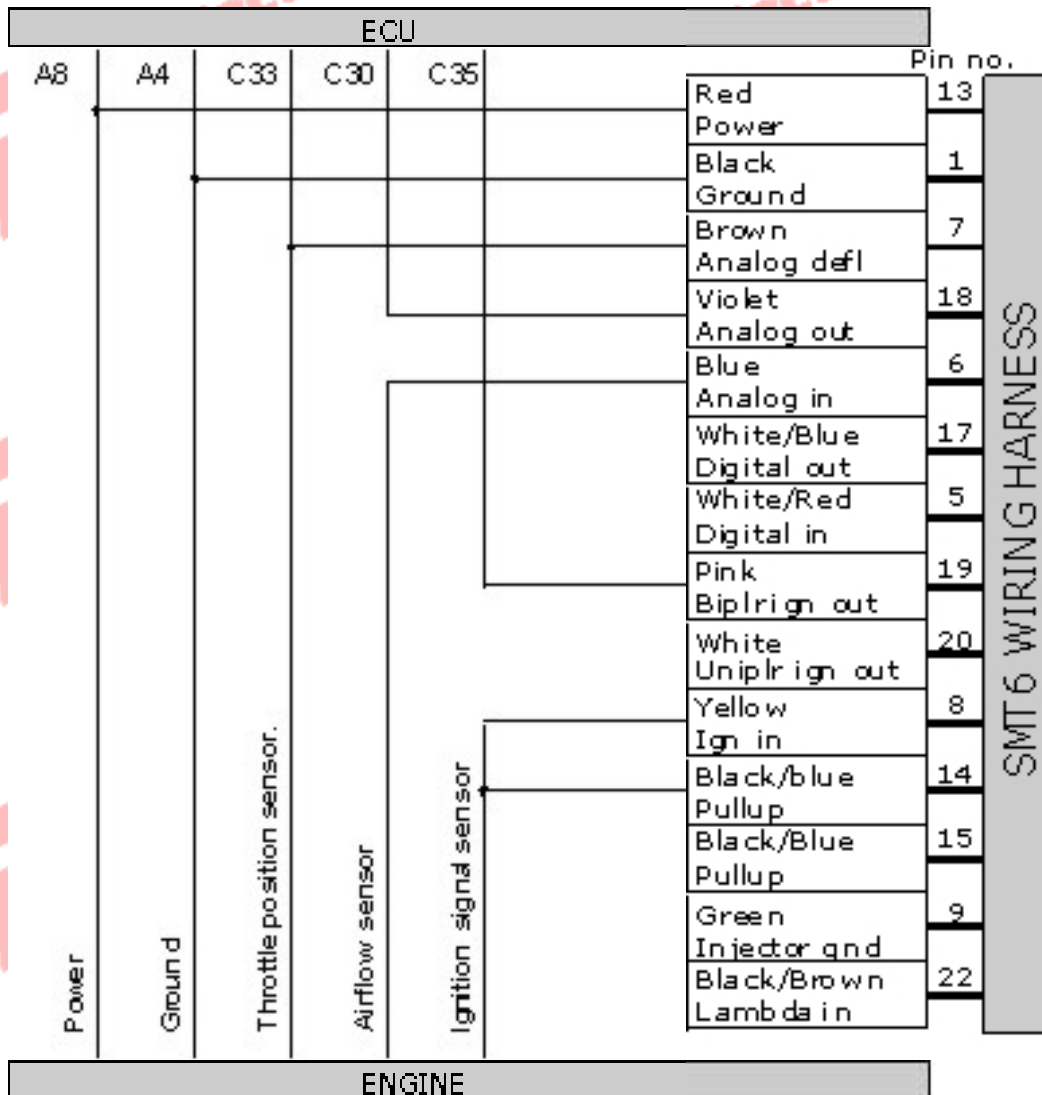
Vehicle make: BMW

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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

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

Perfect Power Wiring Diagram



ECU make: Bosch Motronic M3.1

Vehicle make: BMW

Model: 320i

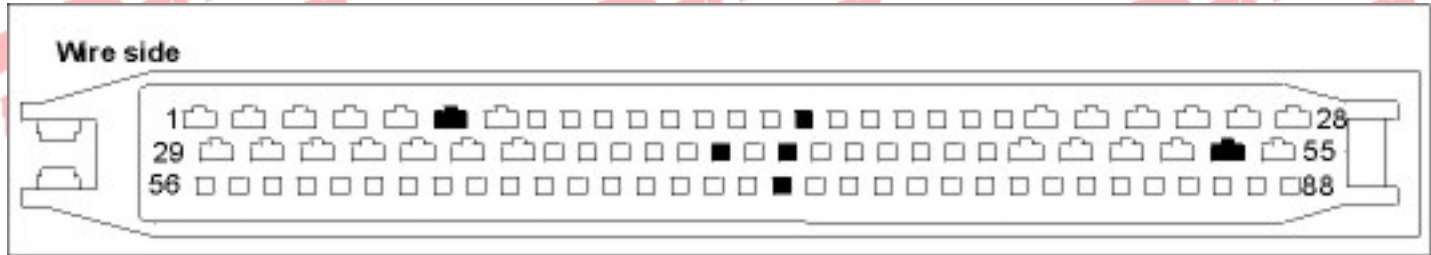
Year: 1992-1997

Comments: Not sure of crank pickup feedback appreciated

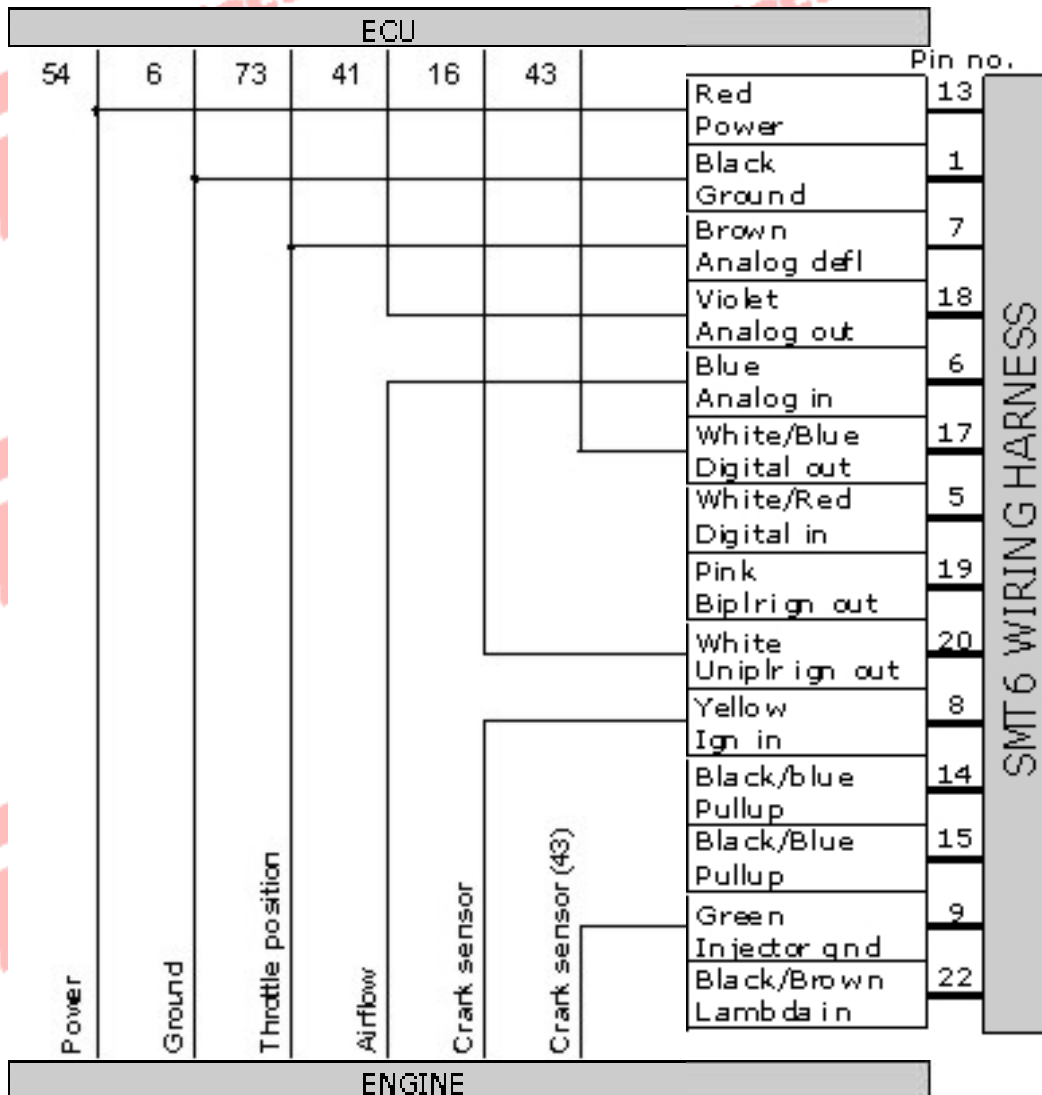
ECU Location:

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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 M3.1

Vehicle make: BMW

Model: 325i

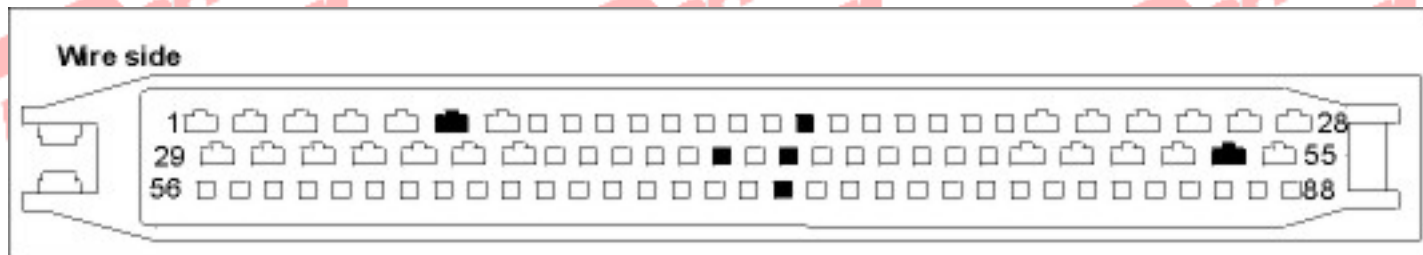
Year: 1992-96

Comments: Not sure of crank pickup feedback appreciated

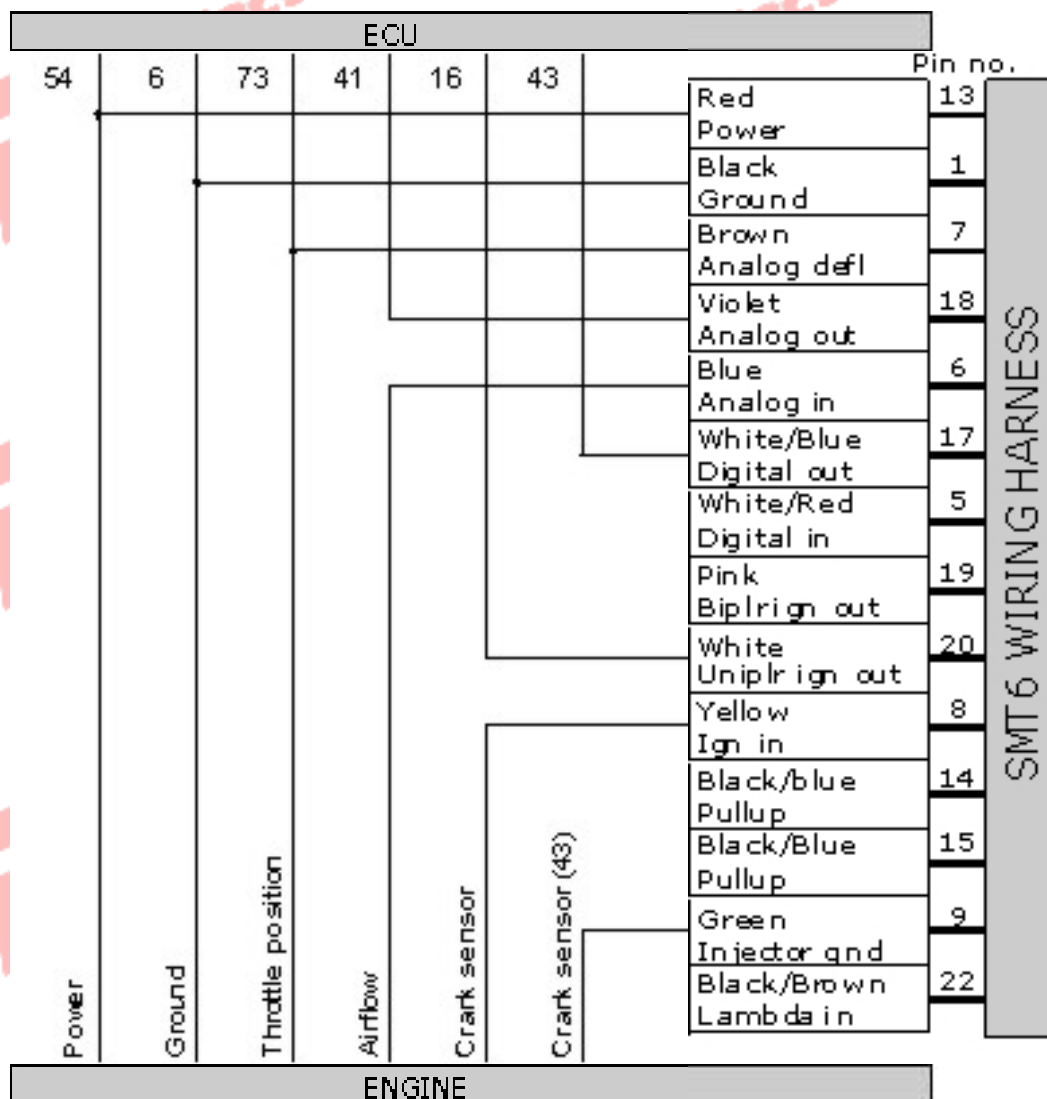
ECU Location:

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

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)

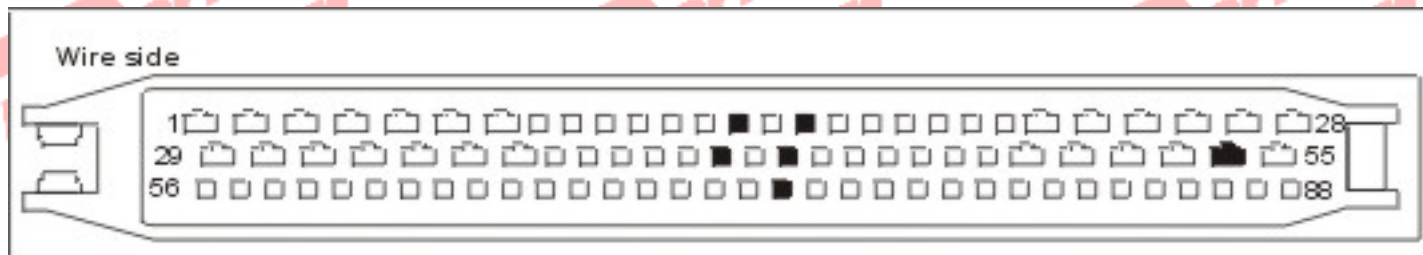
Year: 1997

Comments:

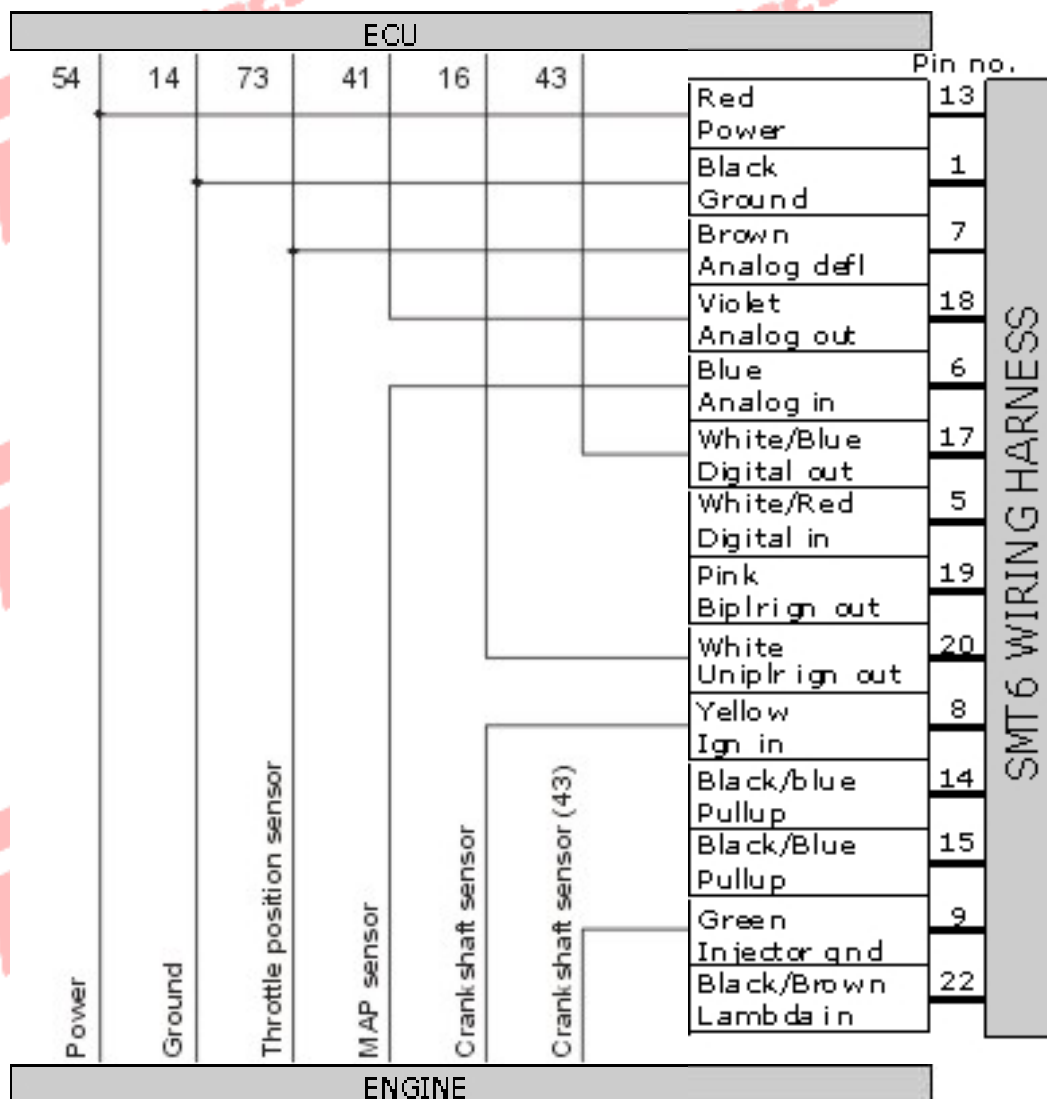
ECU Location: Engine bay behind fuse box

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

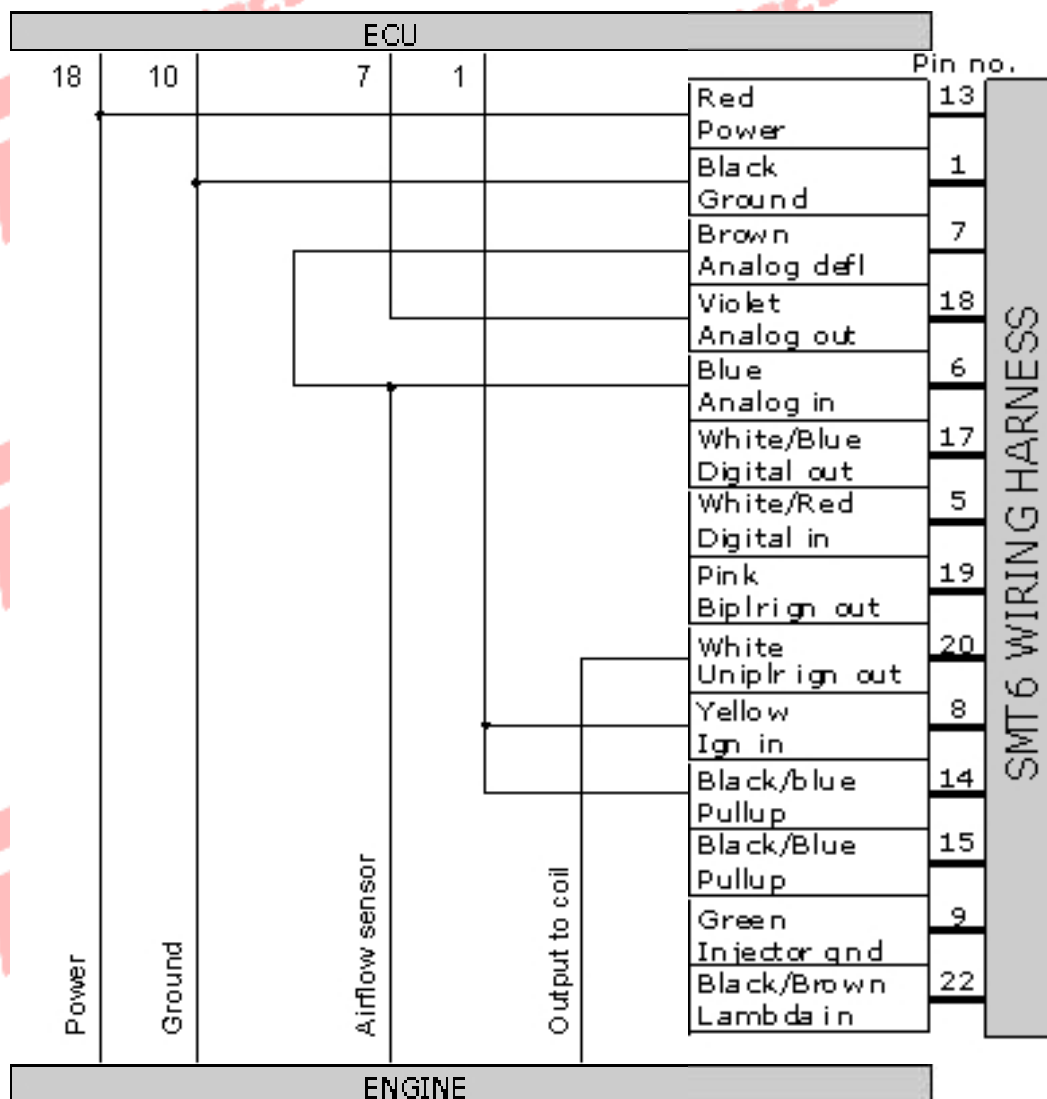
Vehicle make: BMW

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.

Perfect Power Wiring Diagram



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

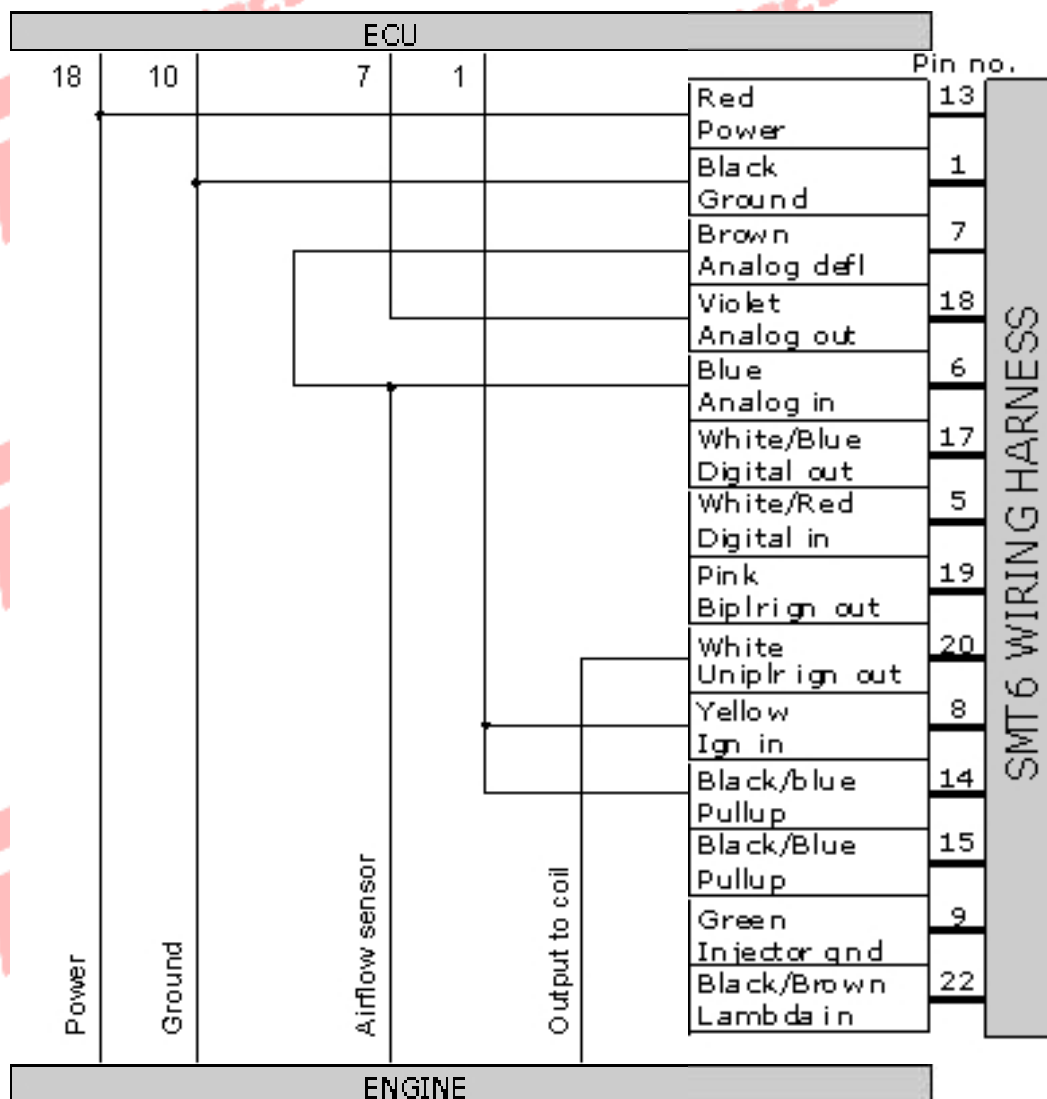
Vehicle make: BMW

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

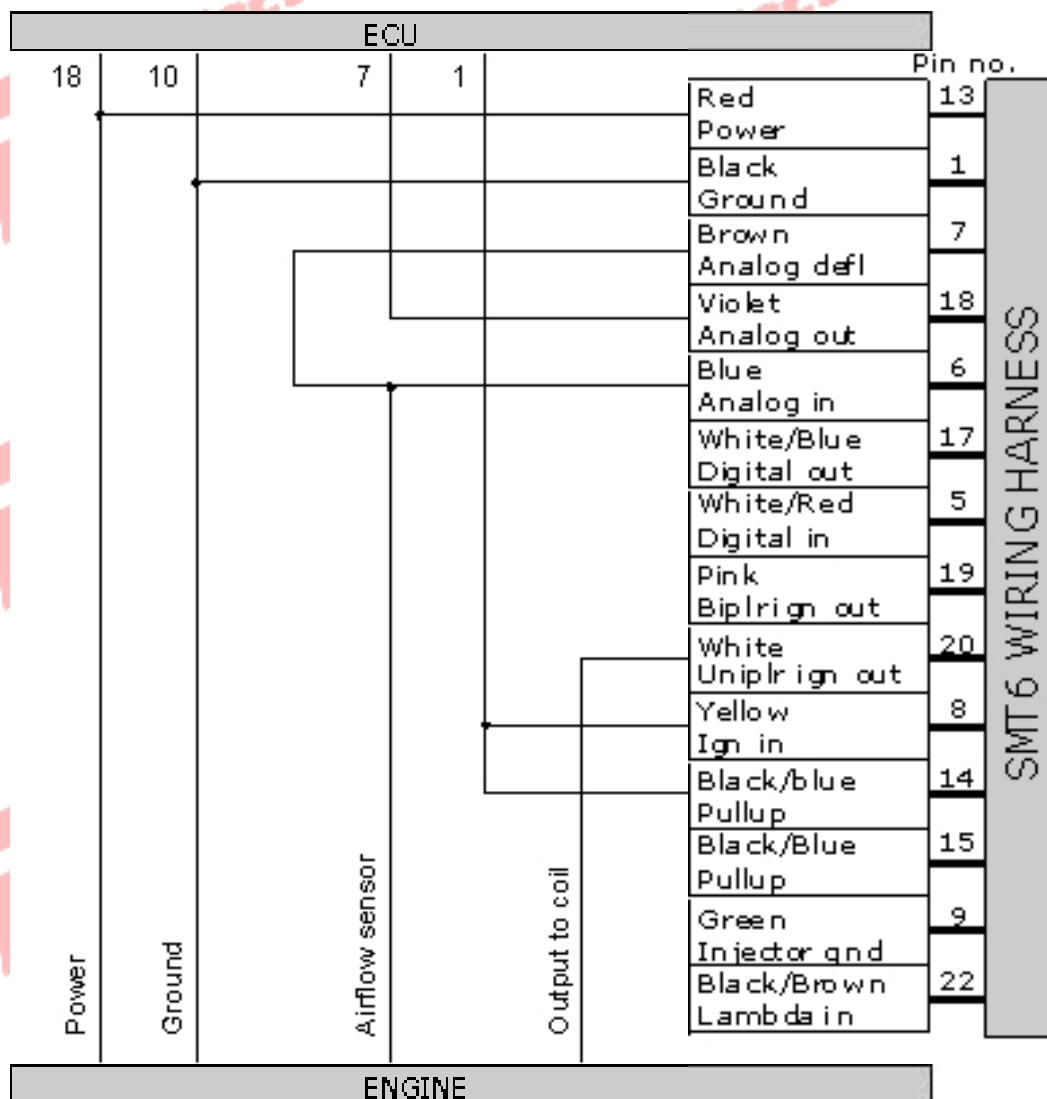
Vehicle make: BMW

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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

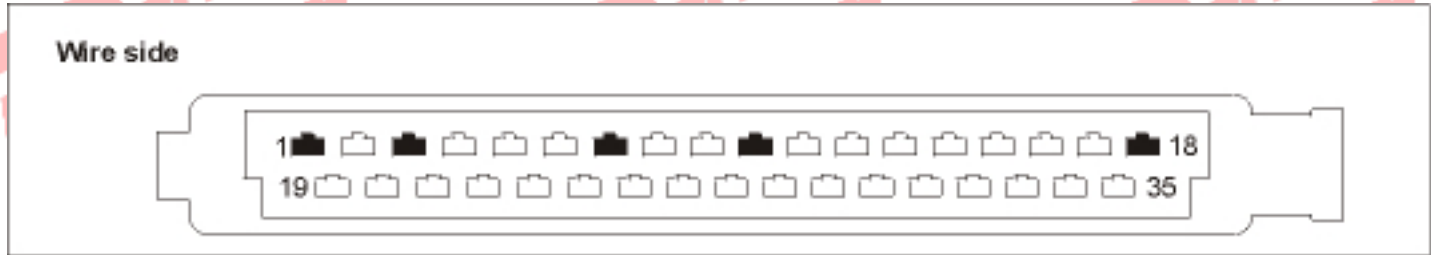


ECU make: Motronic
 Model: 533i
 Year: 1982-88
 Comments:
 ECU Location: Glove box

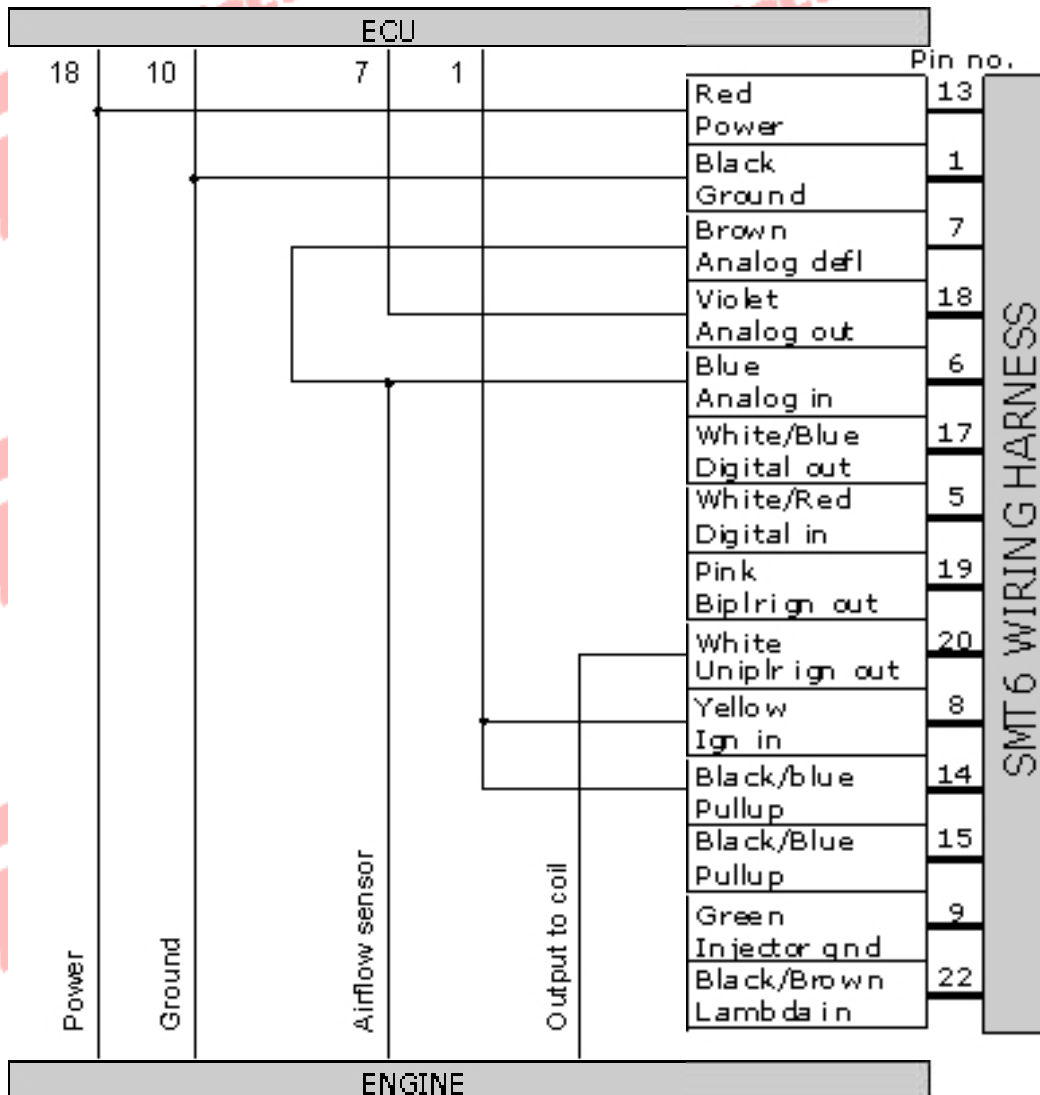
Vehicle make: BMW

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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

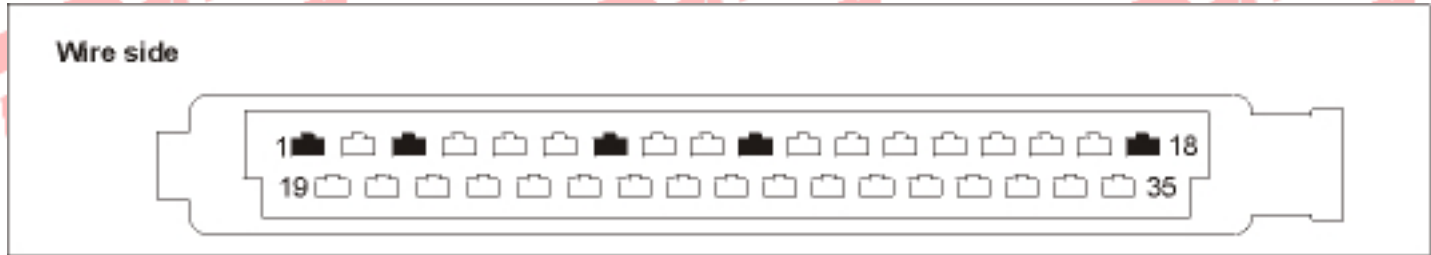


ECU make: Motronic
 Model: 535i
 Year: 1982-88
 Comments:
 ECU Location: Glove box

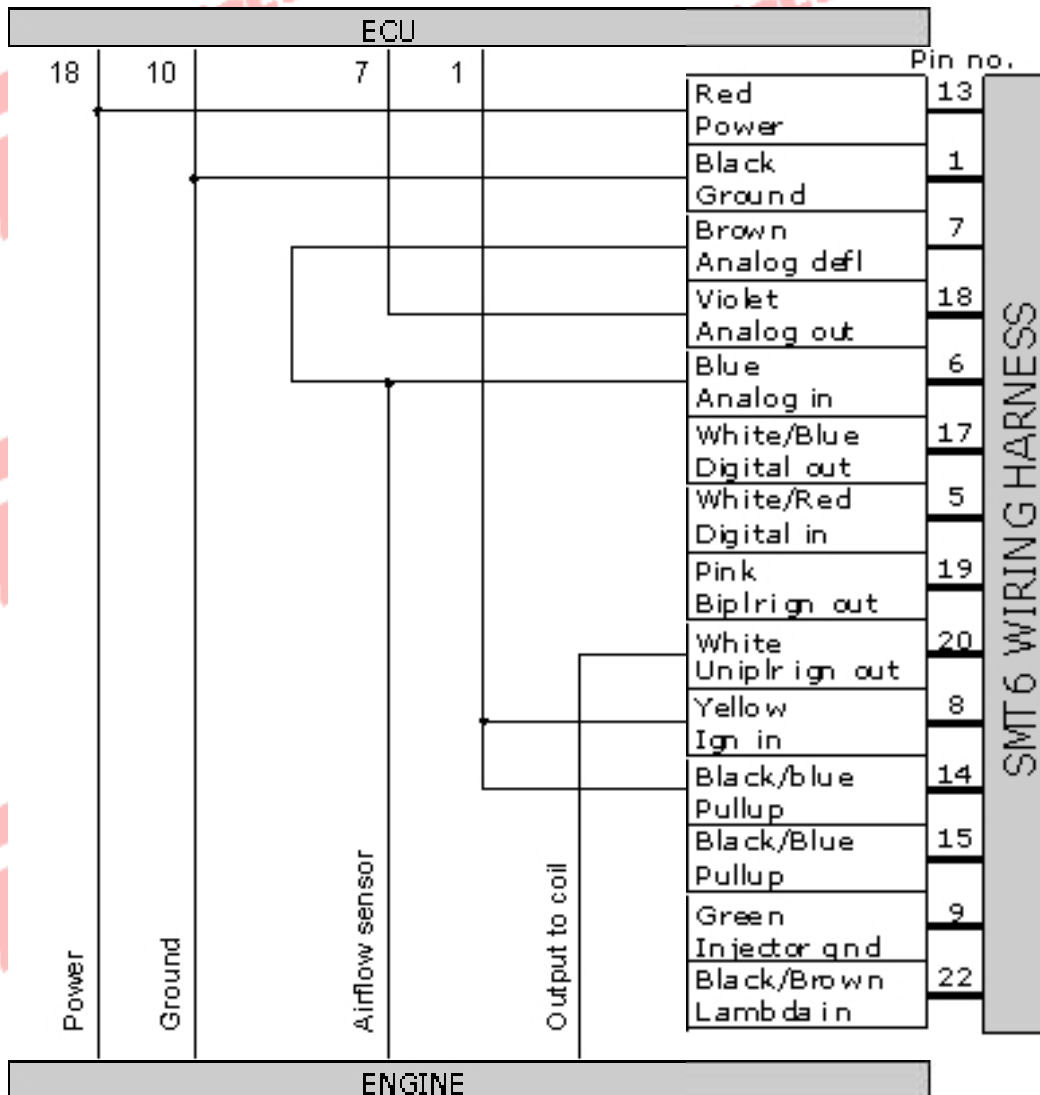
Vehicle make: BMW

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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

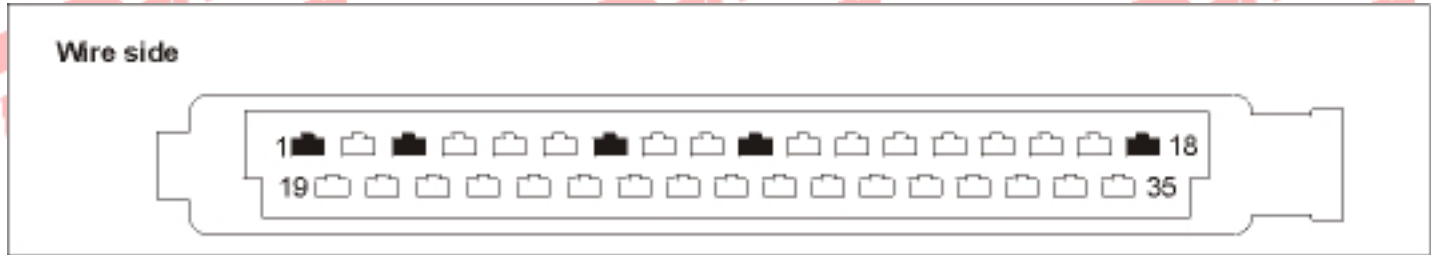


ECU make: Motronic
 Model: 535iS
 Year: 1982-88
 Comments:
 ECU Location: Glove box

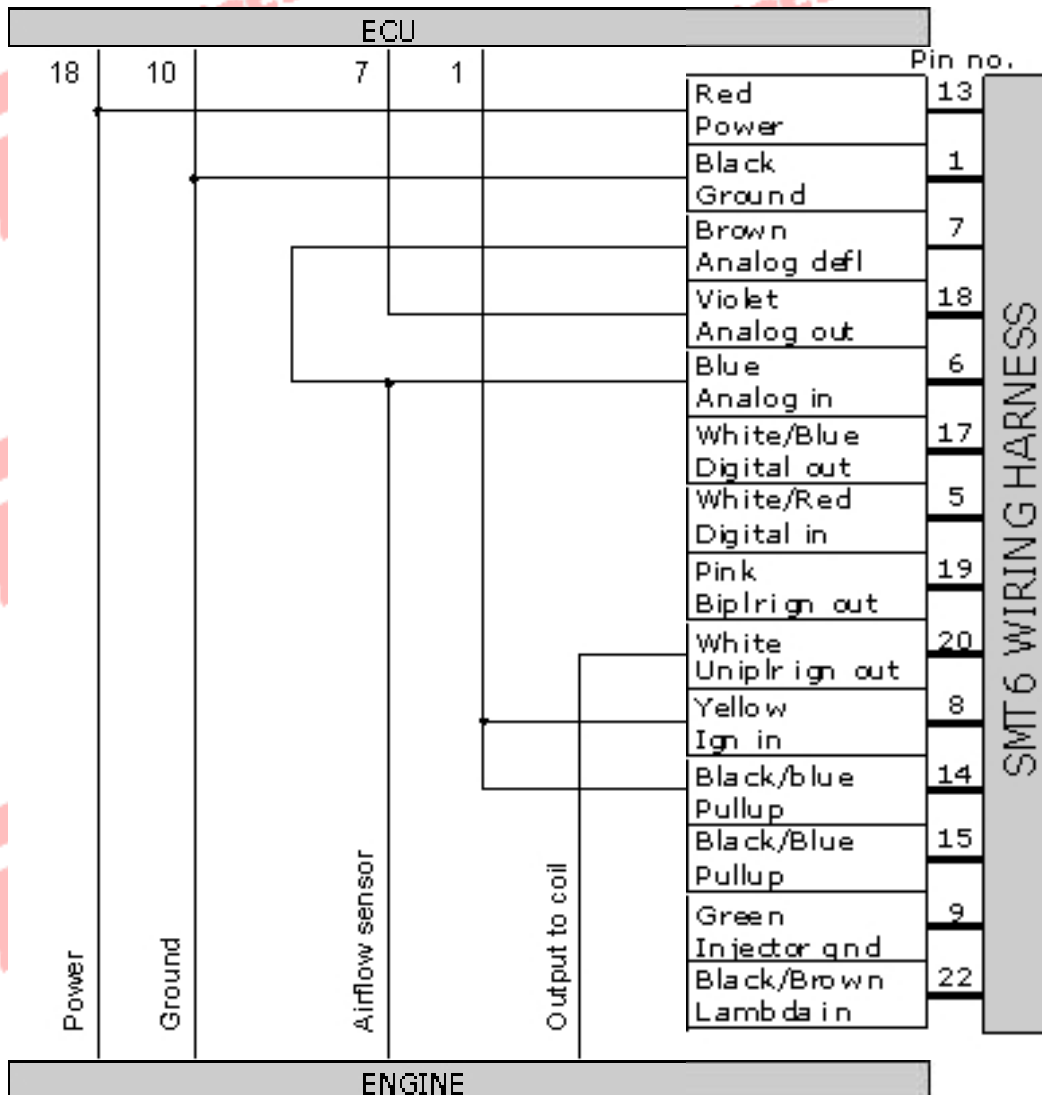
Vehicle make: BMW

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

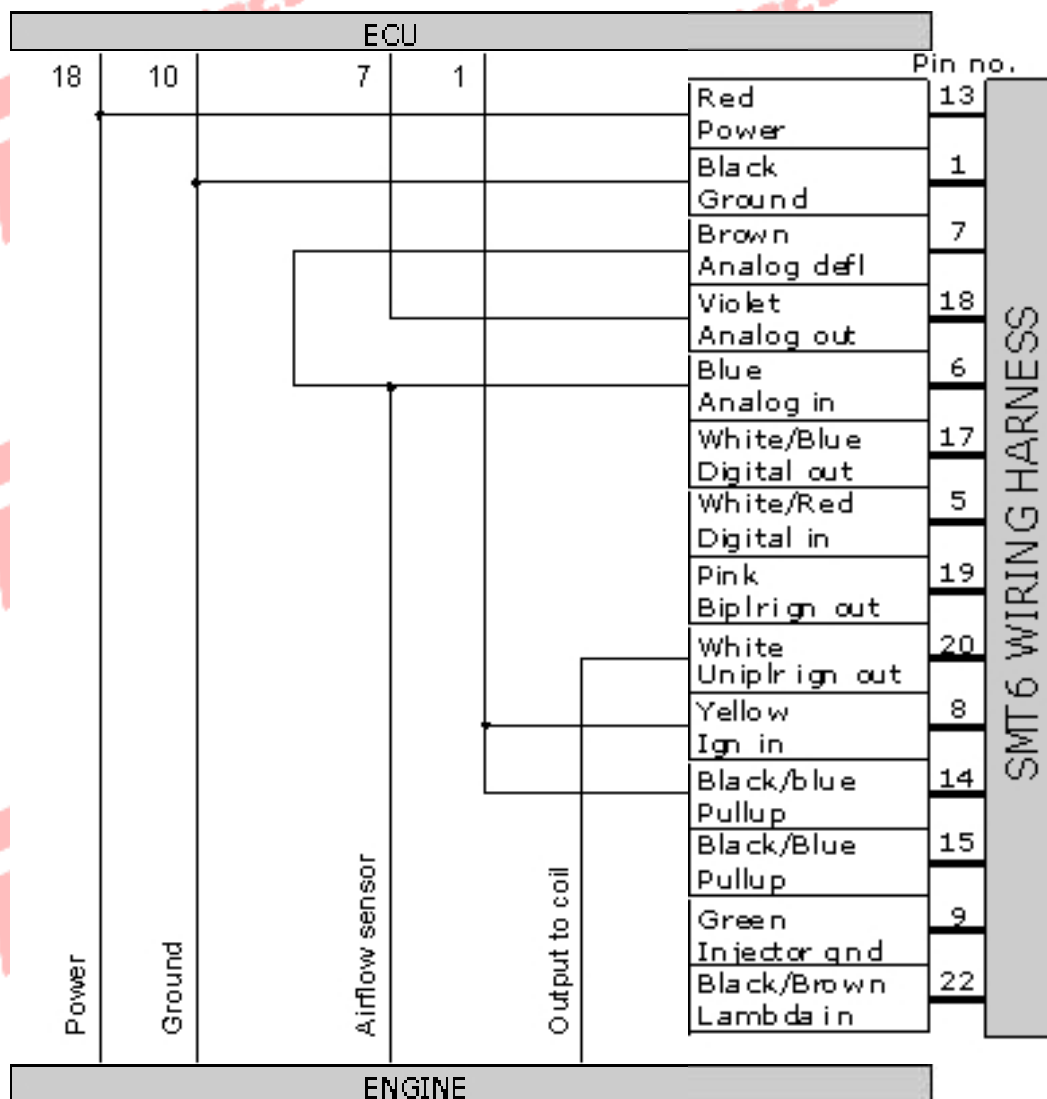
Vehicle make: BMW

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

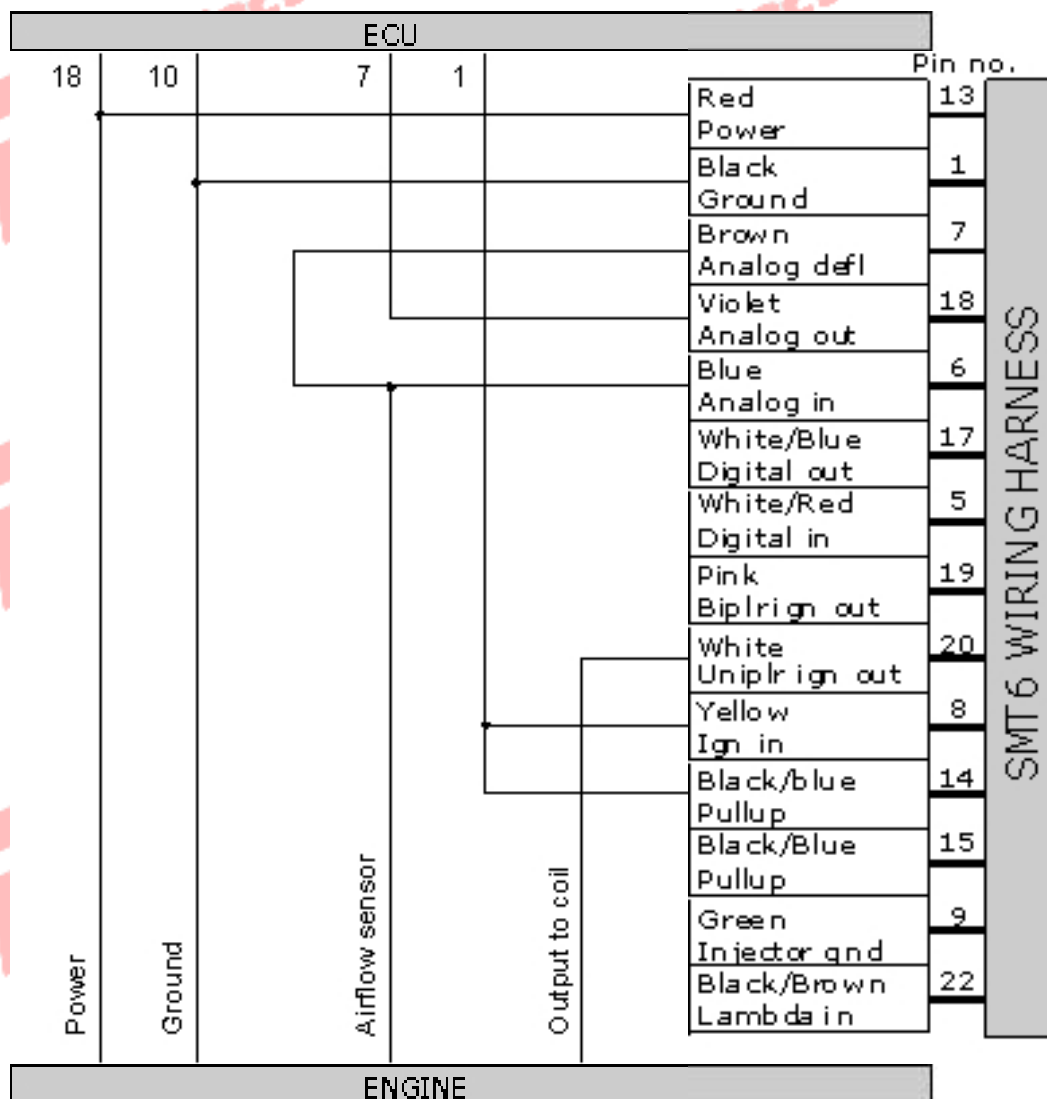
Vehicle make: BMW

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

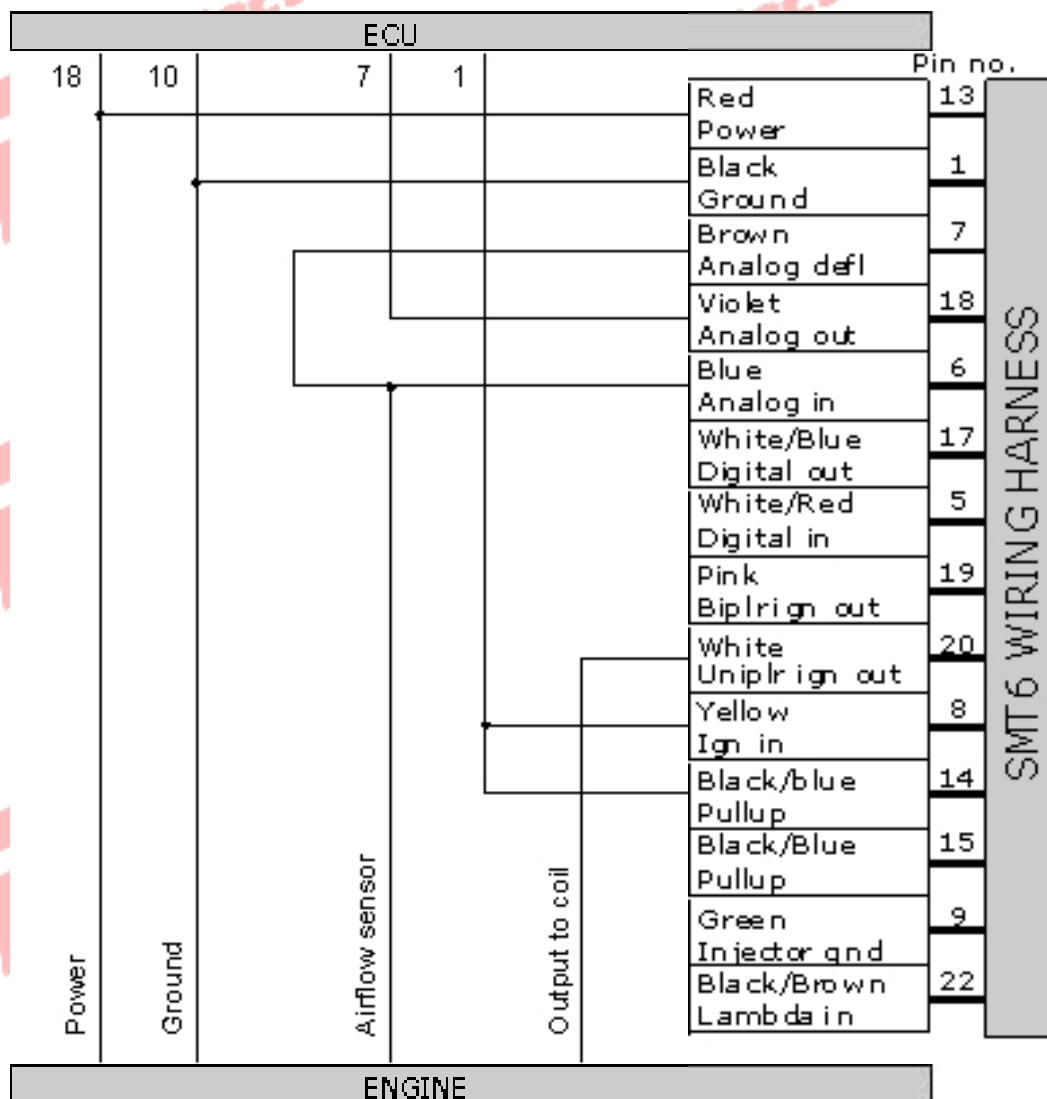
Vehicle make: BMW

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

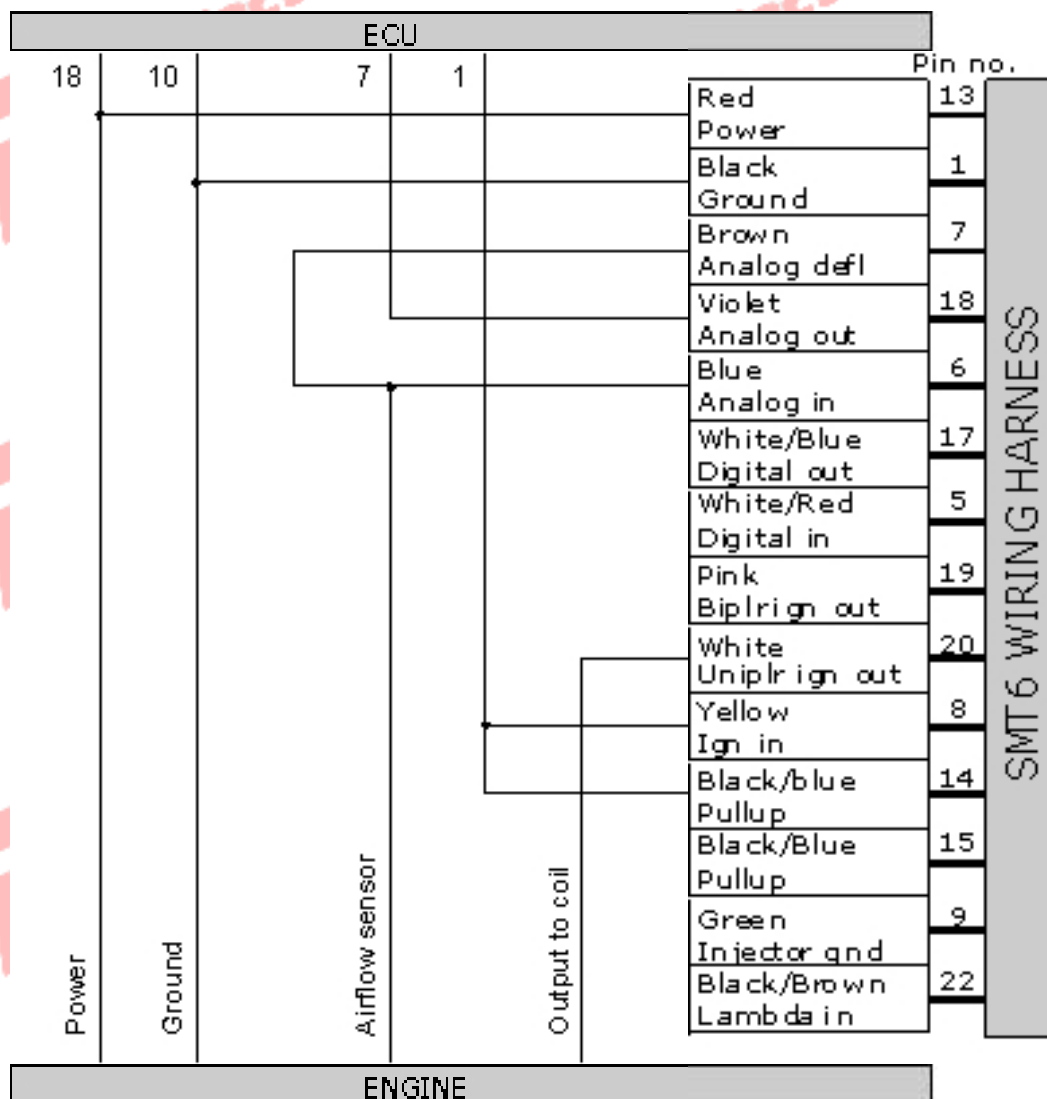
Vehicle make: BMW

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

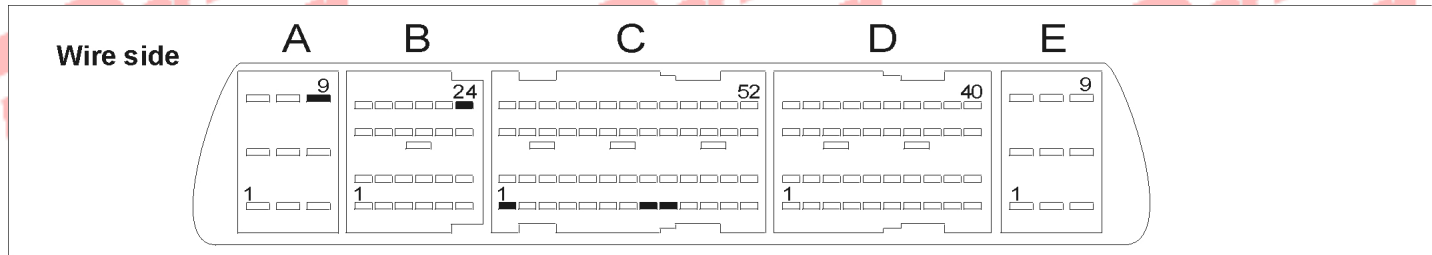


ECU make: Siemens MS 42
 Model: Z3 2.0 (20 6S 4)
 Year: 1999-02
 Comments:
 ECU Location:

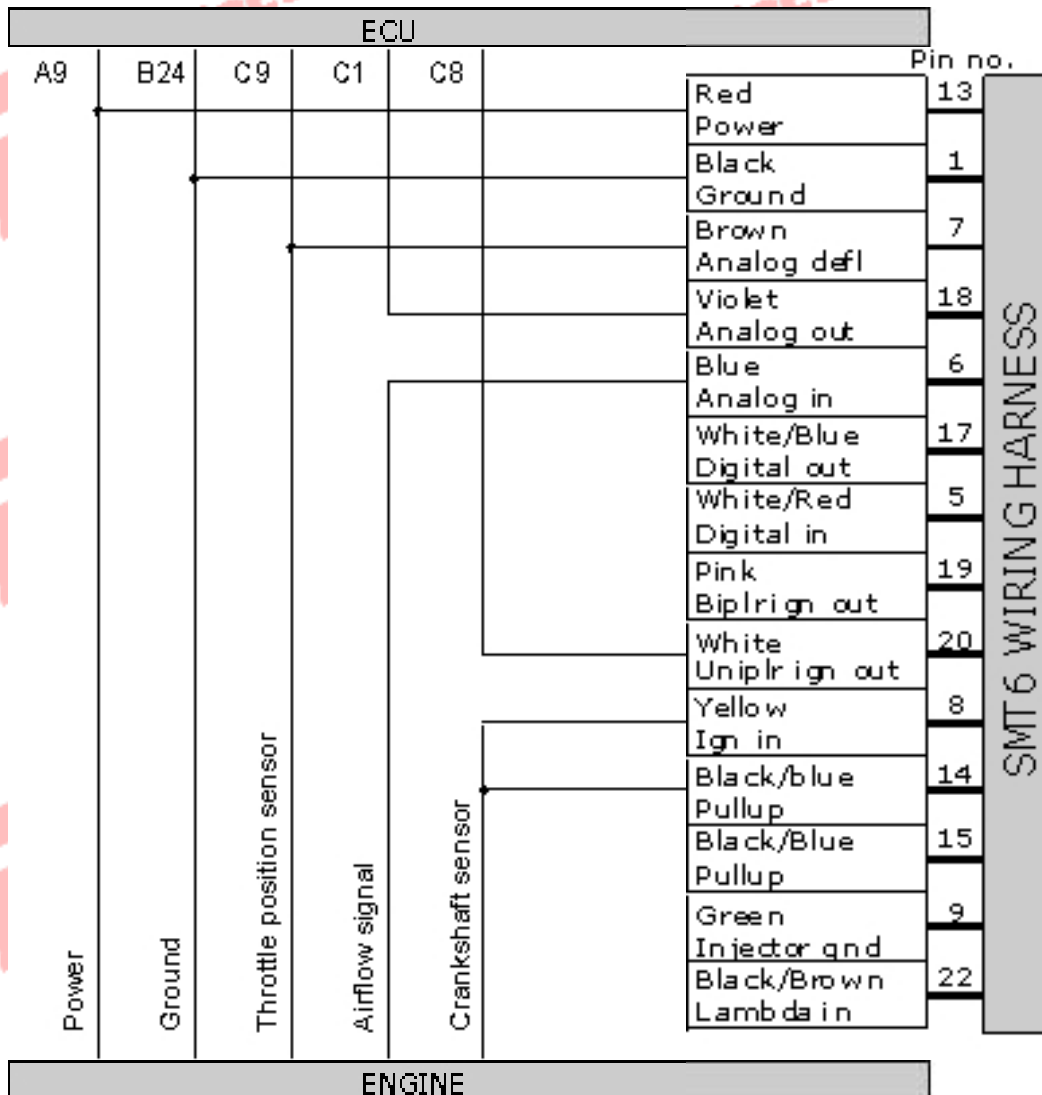
Vehicle make: BMW

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)

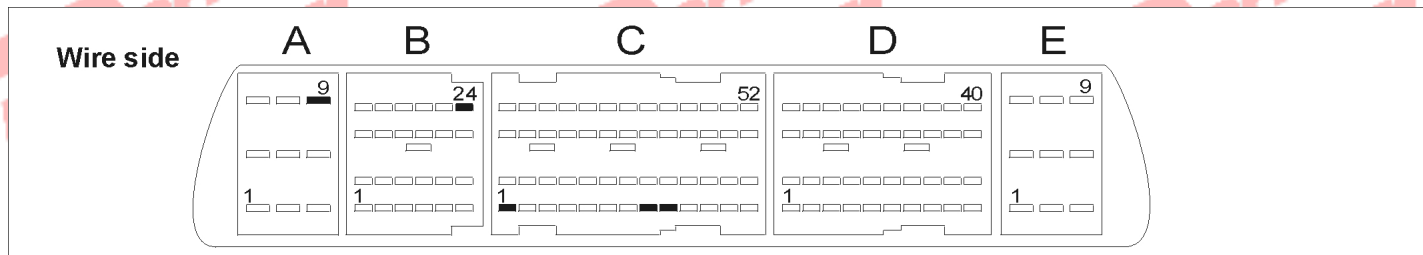
Year: 1999-02

Comments:

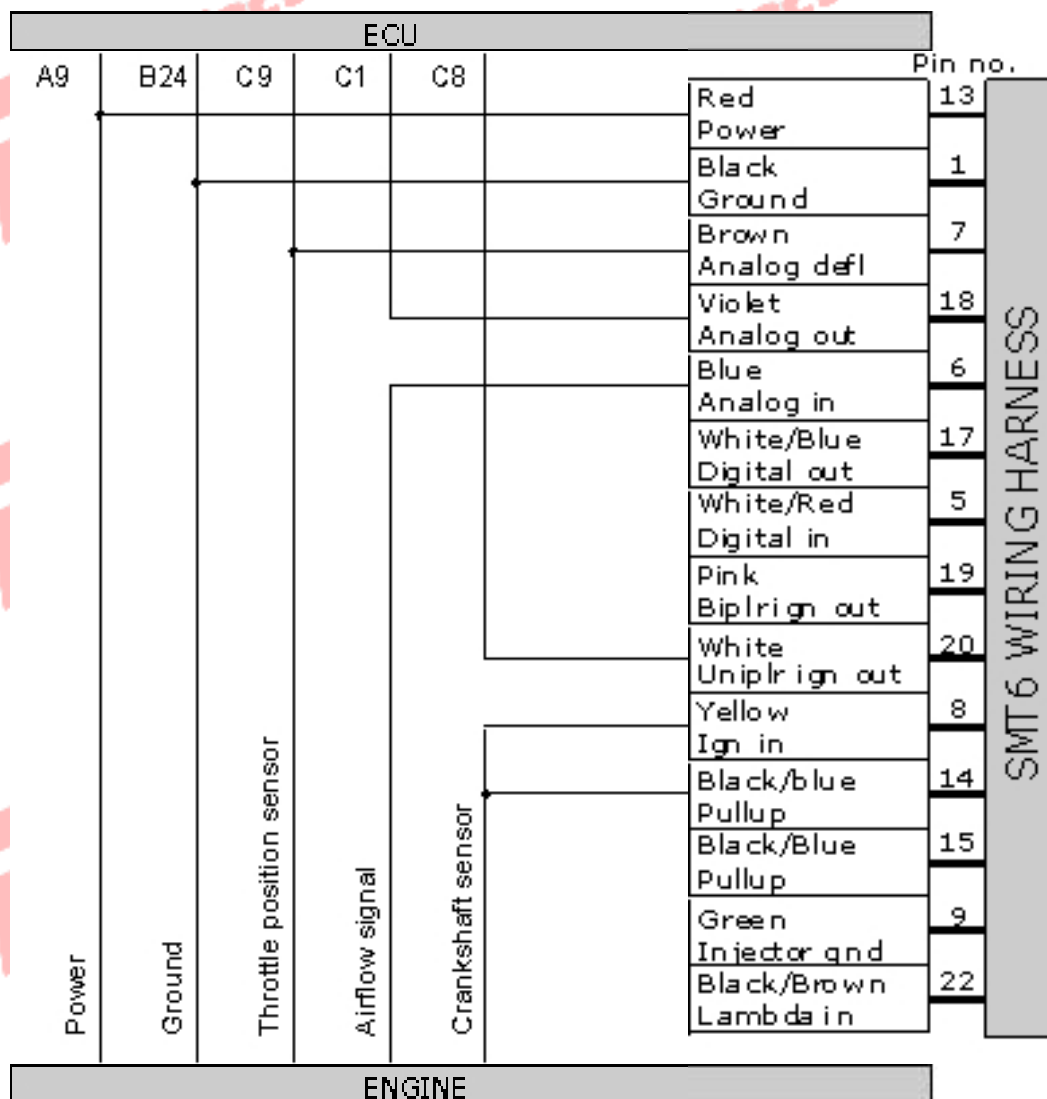
ECU Location: Left hand side of engine bay viewed from front of car.

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

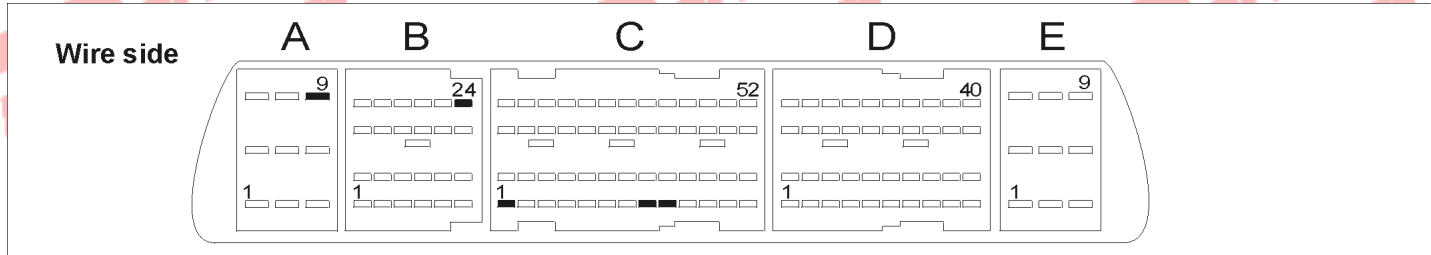


ECU make: Siemens MS 42
 Model: 520i (E39) (25 6S 4)
 Year: 1998-02
 Comments:
 ECU Location:

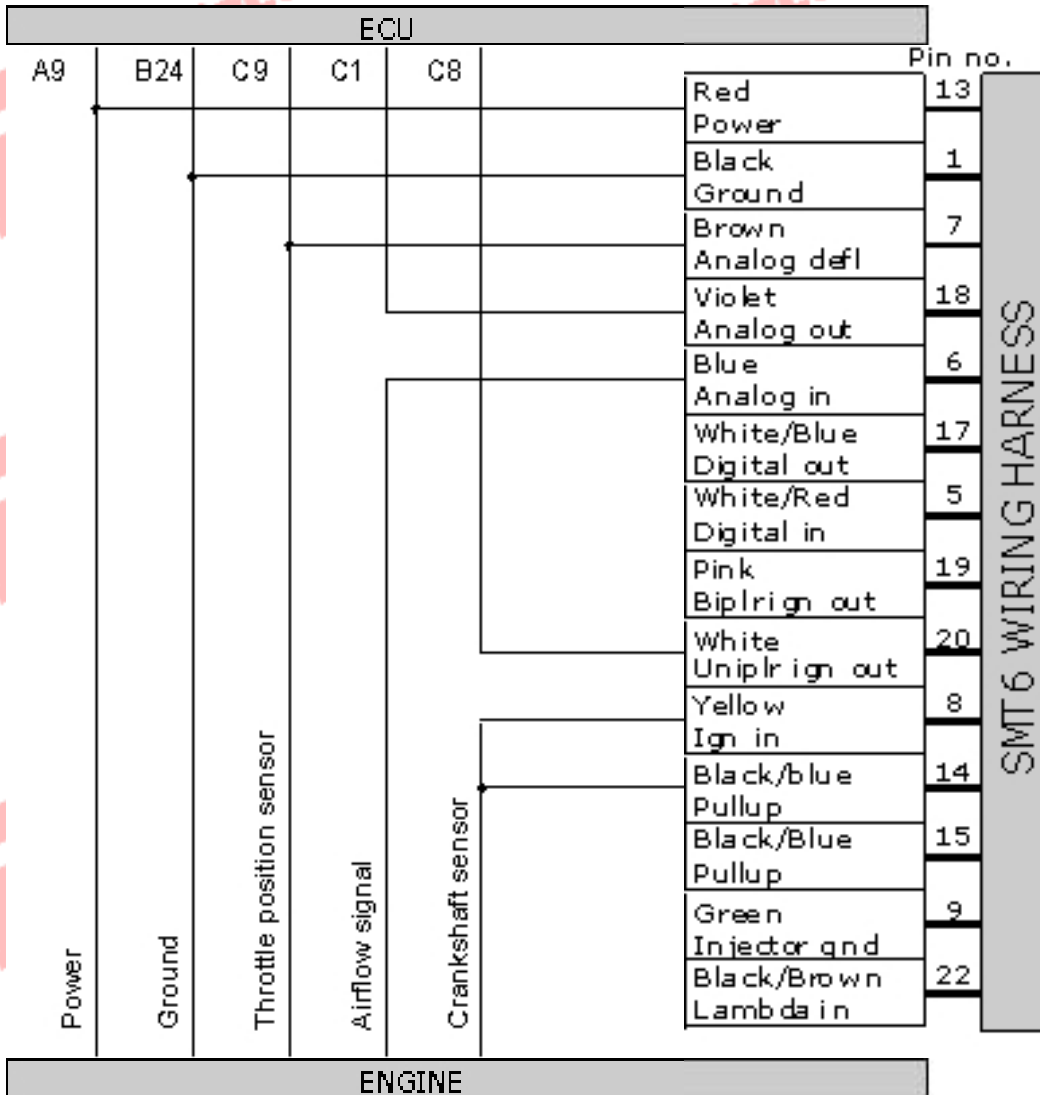
Vehicle make: BMW

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: Siemens MS 42

Vehicle make: BMW

Model: 523i (E39) (20 6S 4)

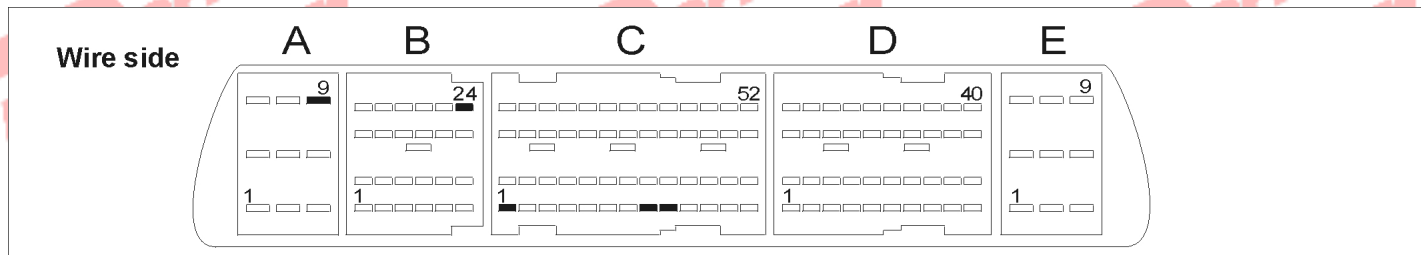
Year: 1998-02

Comments:

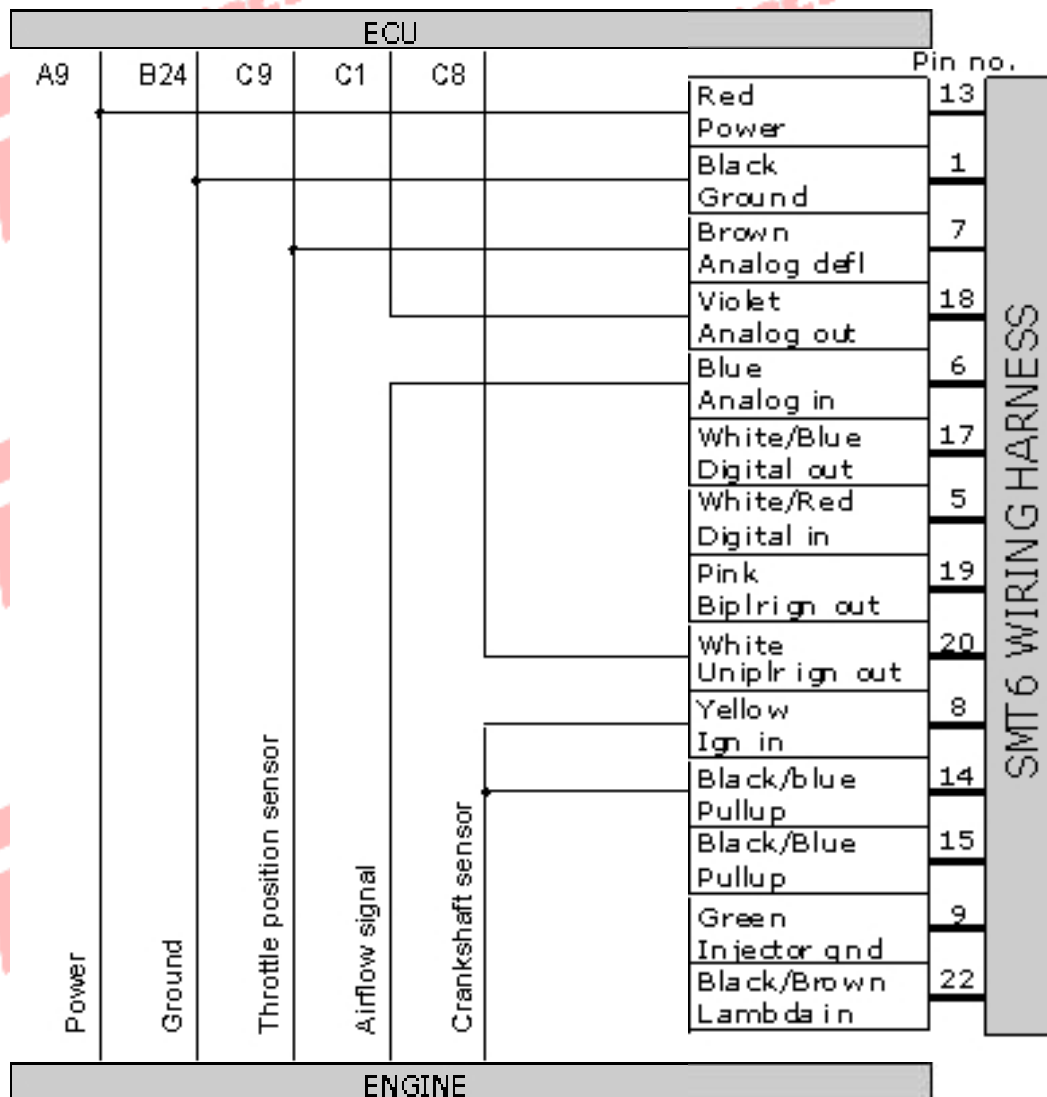
ECU Location:

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)

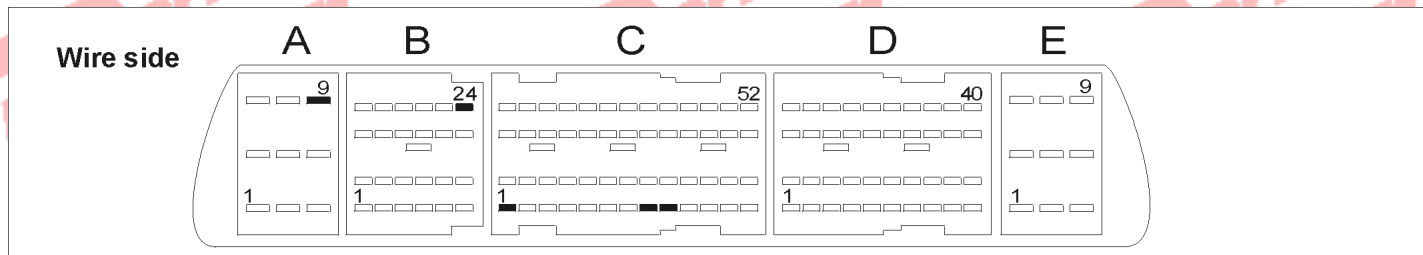
Year: 1998-02

Comments:

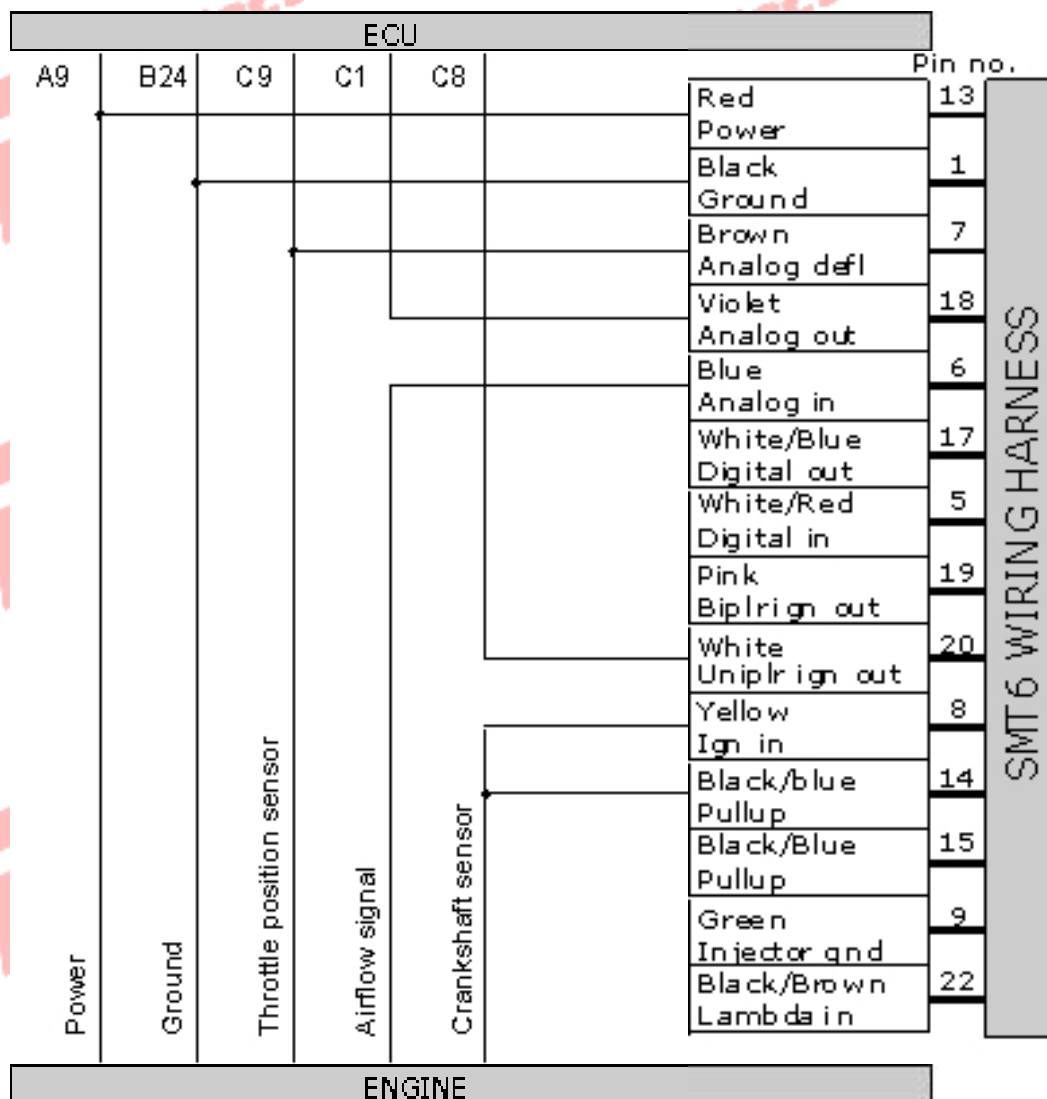
ECU Location:

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)

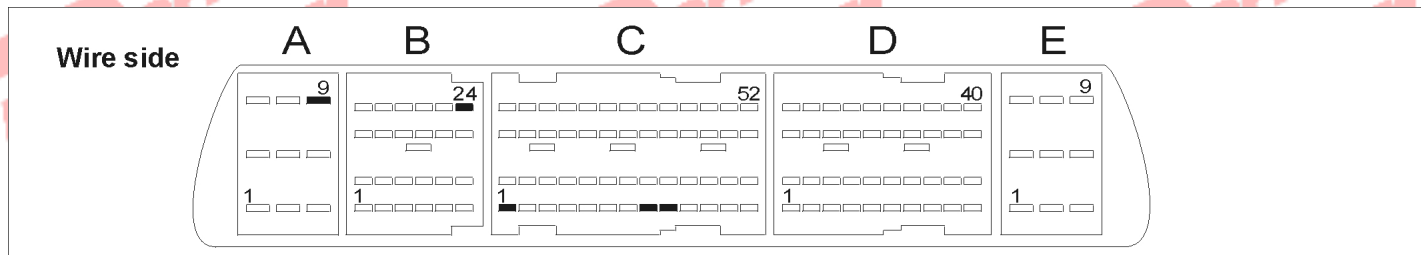
Year: 1998-02

Comments:

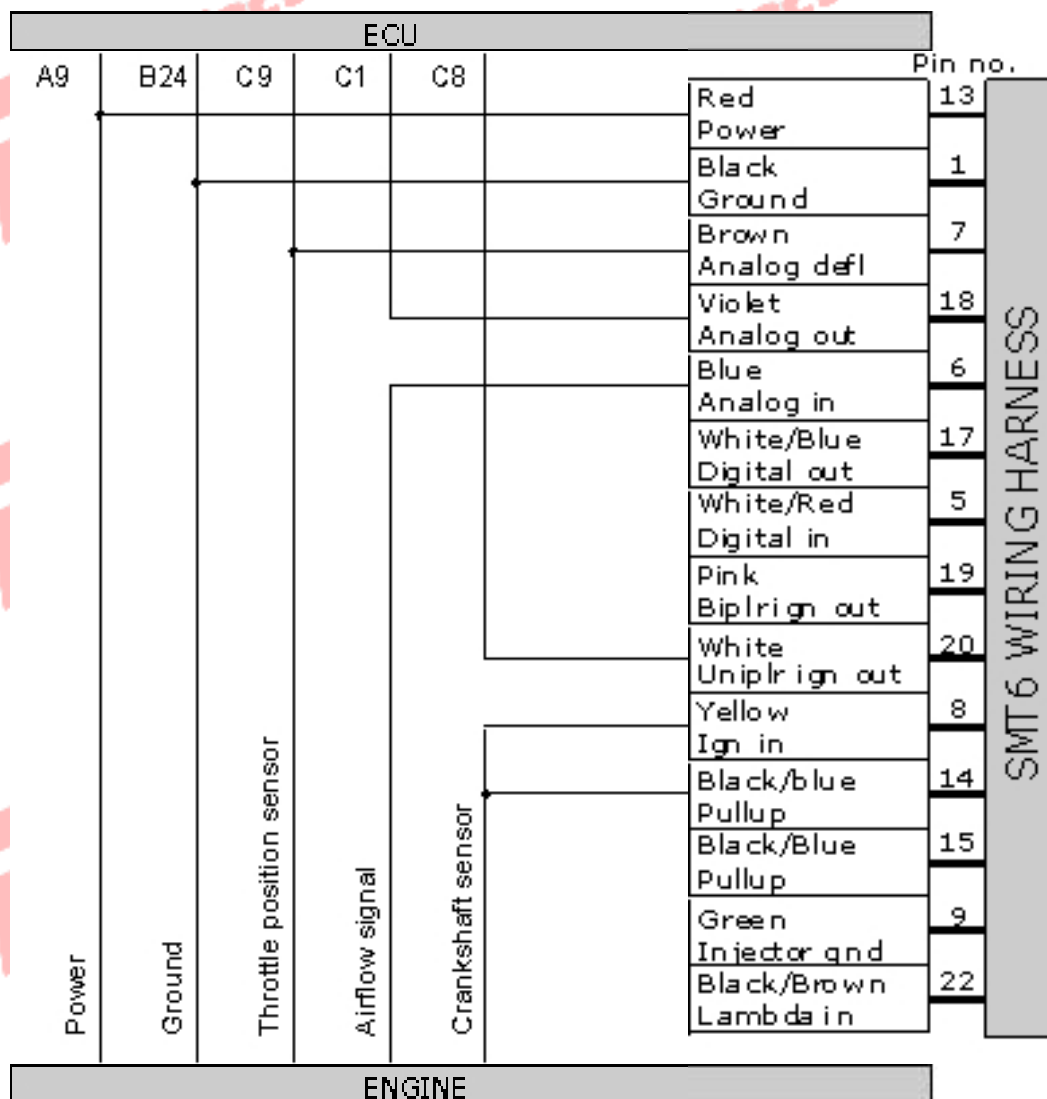
ECU Location:

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

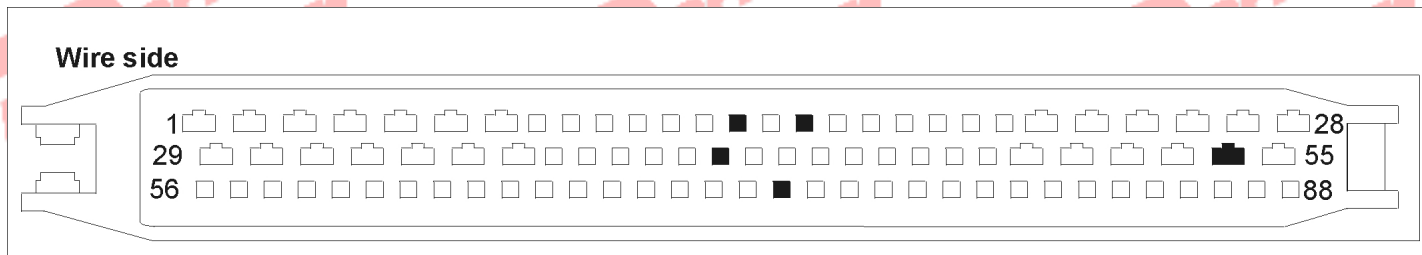


ECU make: Bosch Motronic M3.3
 Model: 740i (E38)
 Year: 1994-96
 Comments:
 ECU Location:

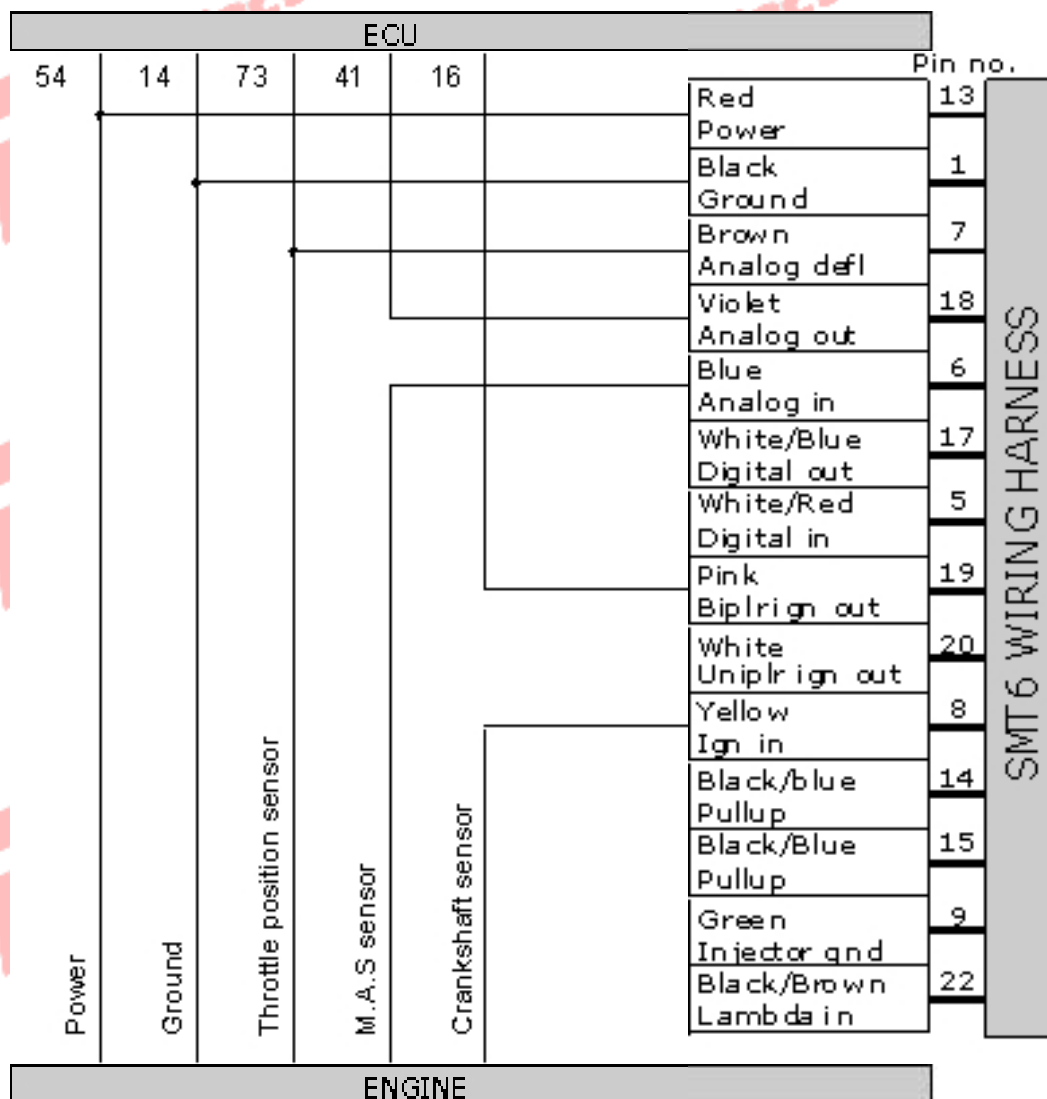
Vehicle make: BMW

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:

Vehicle make: BMW

Model: M5 24V

Year:

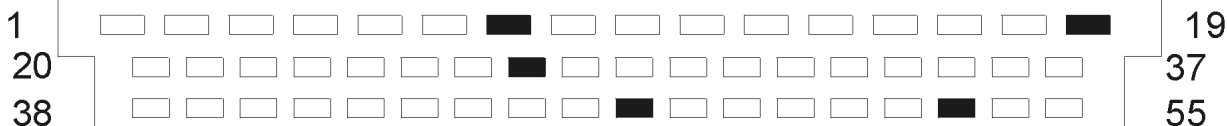
Comments:

ECU Location: Plastic box right side of engine bay

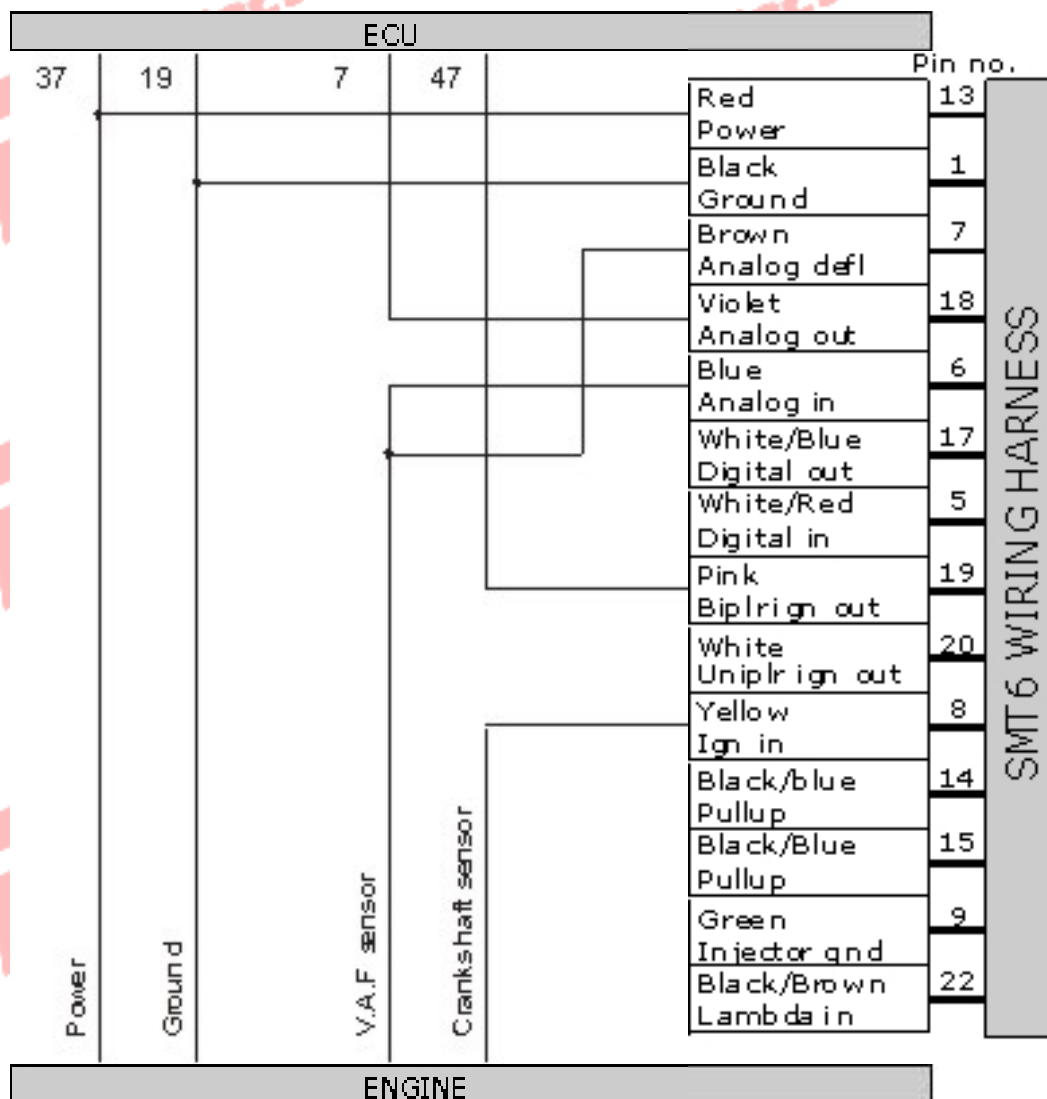
Click [here](#) to return to BMW Menu.

ECU Pin Out

Wire side



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

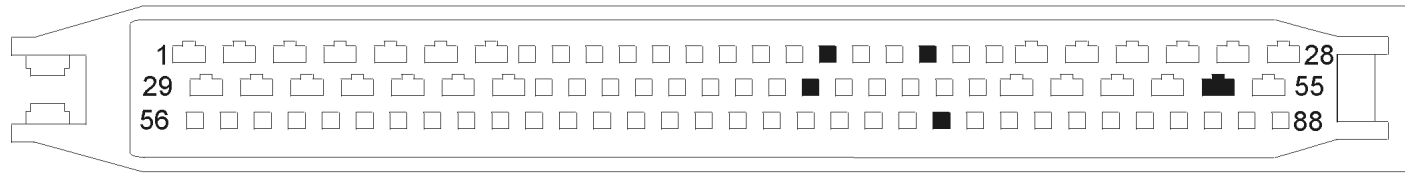
Comments:

ECU Location: Engine bay left under aircon filters

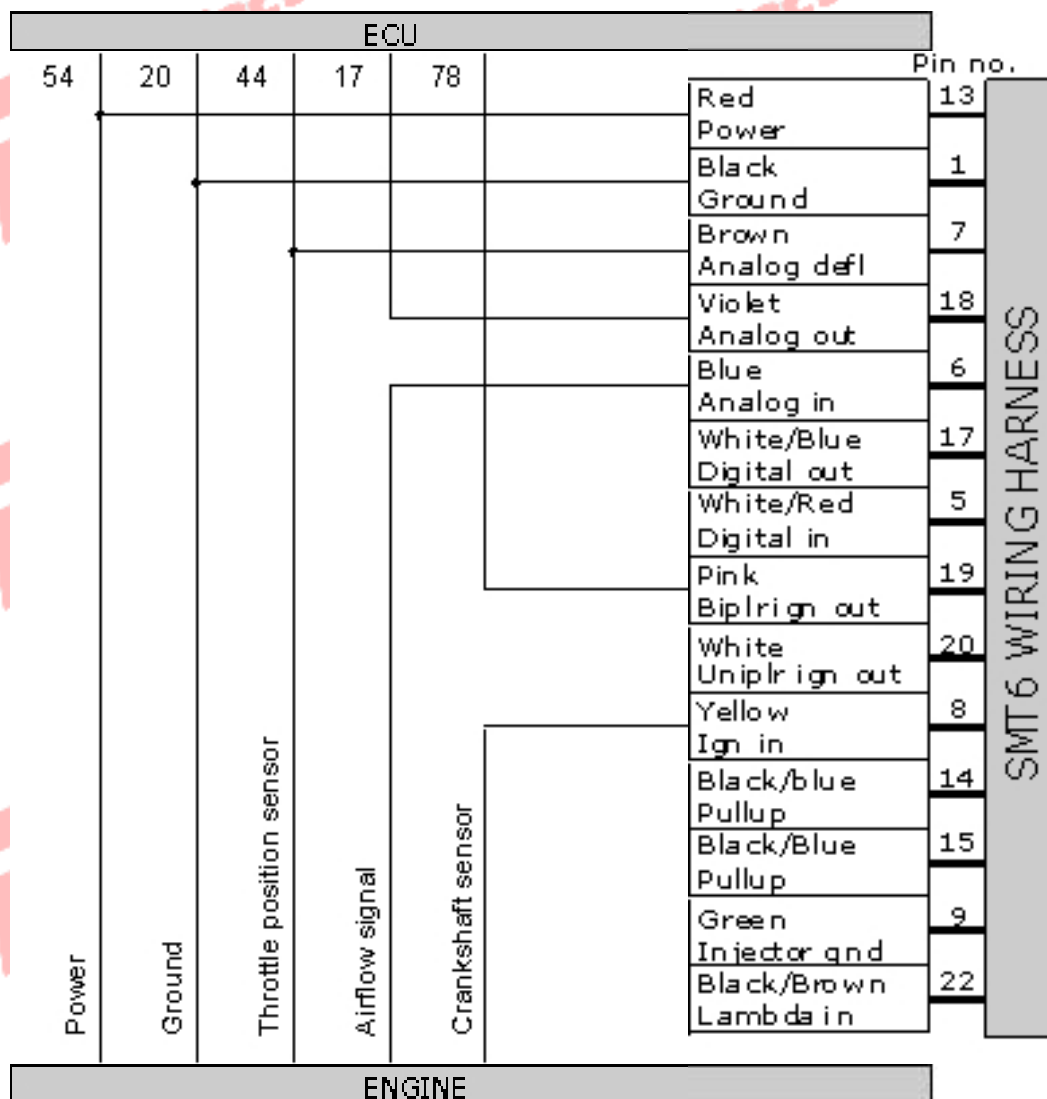
Click [here](#) to return to BMW Menu.

ECU Pin Out

Wire side



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

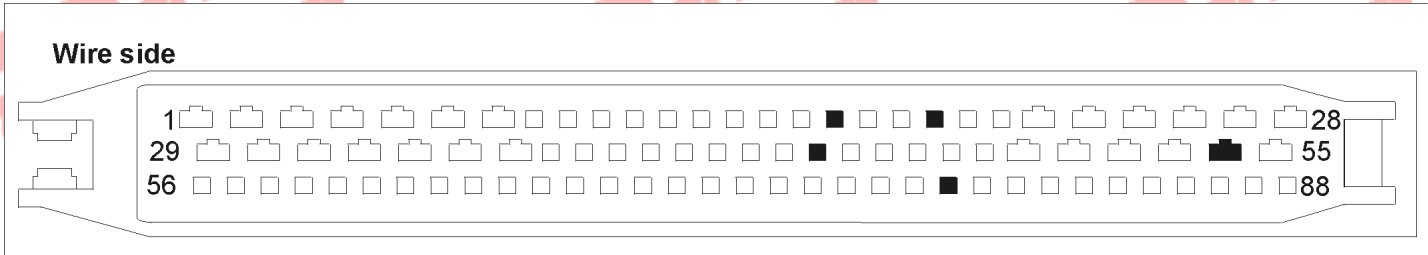


ECU make: Bosch Motronic 5.2
 Model: 318iS/Coupe (E36)
 Year: 1996-99
 Comments: Ensure wiring is correctly insulated in the engine bay
 ECU Location: Left hand side of engine bay below wiper box

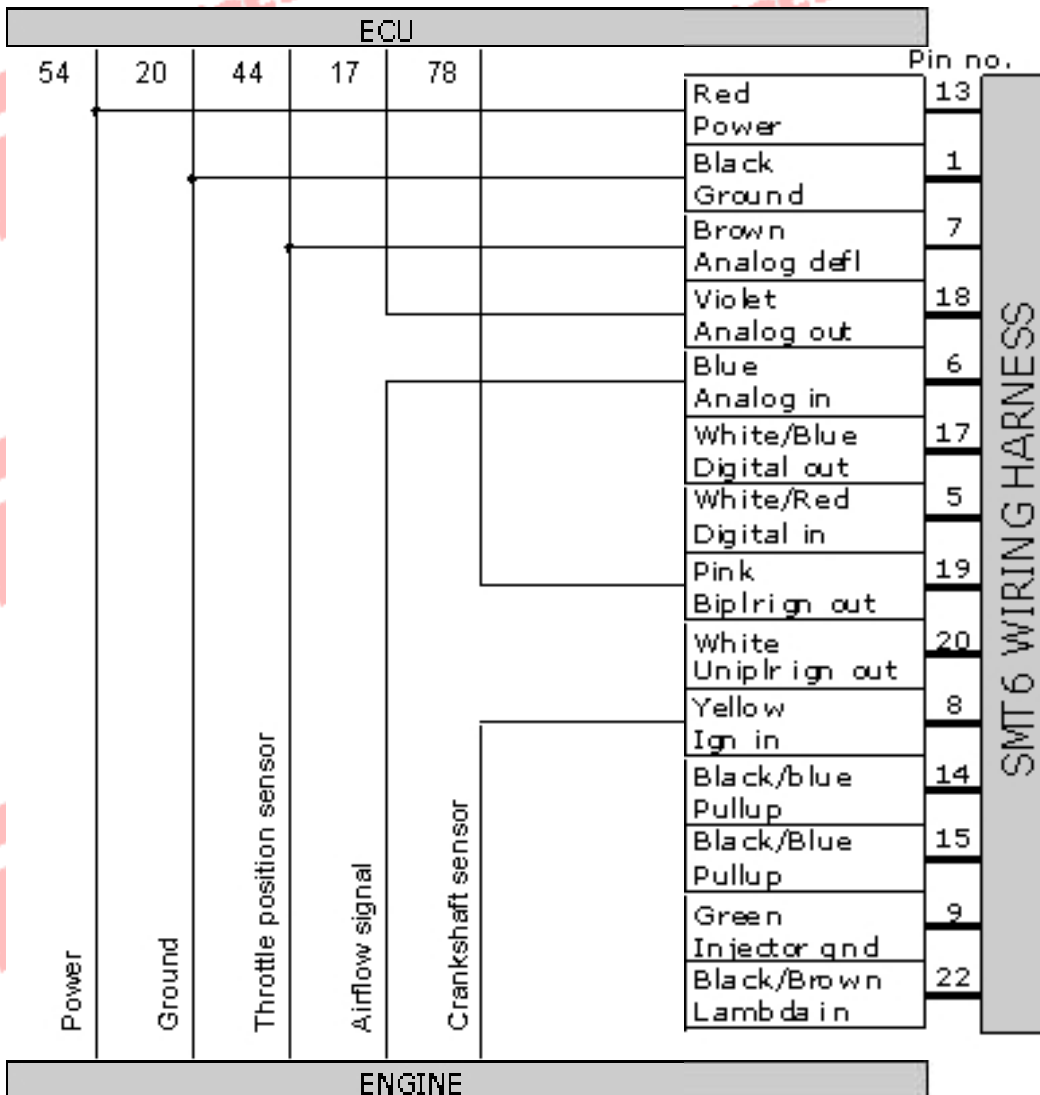
Vehicle make: BMW

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

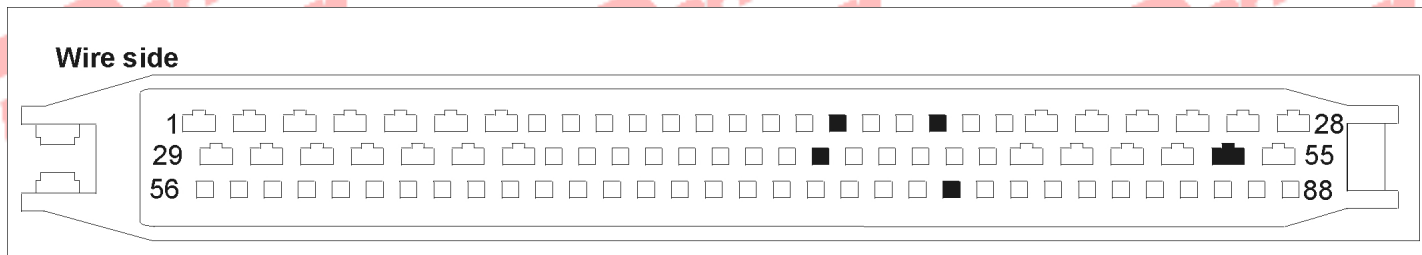


ECU make: Bosch Motronic 5.2
 Model: 318Ti Compact (E36)
 Year: 1996-00
 Comments:
 ECU Location:

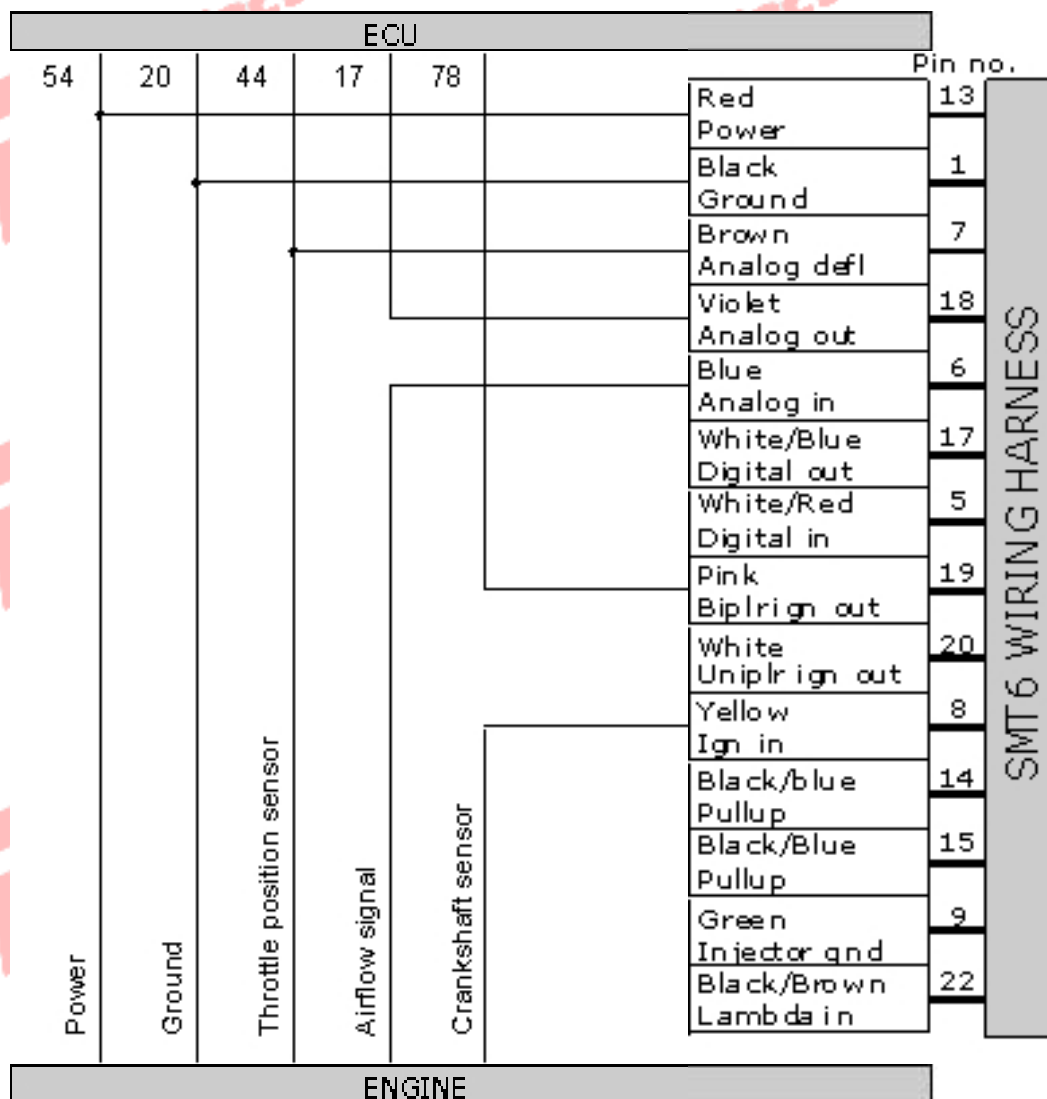
Vehicle make: BMW

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)

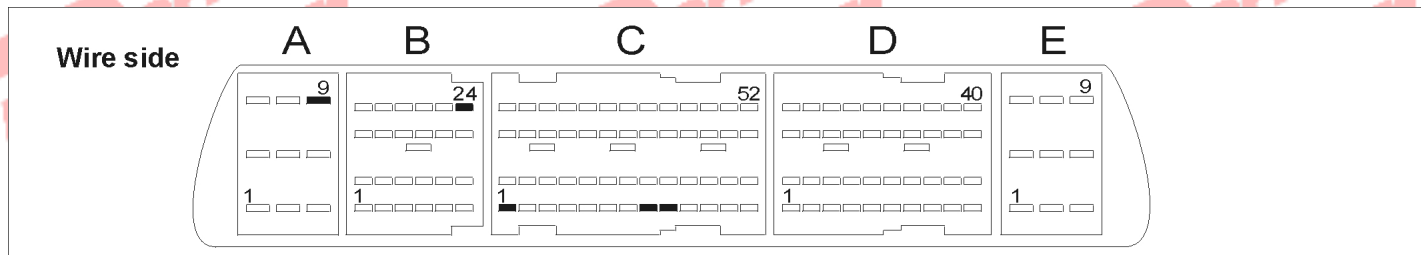
Year: 1998-02

Comments:

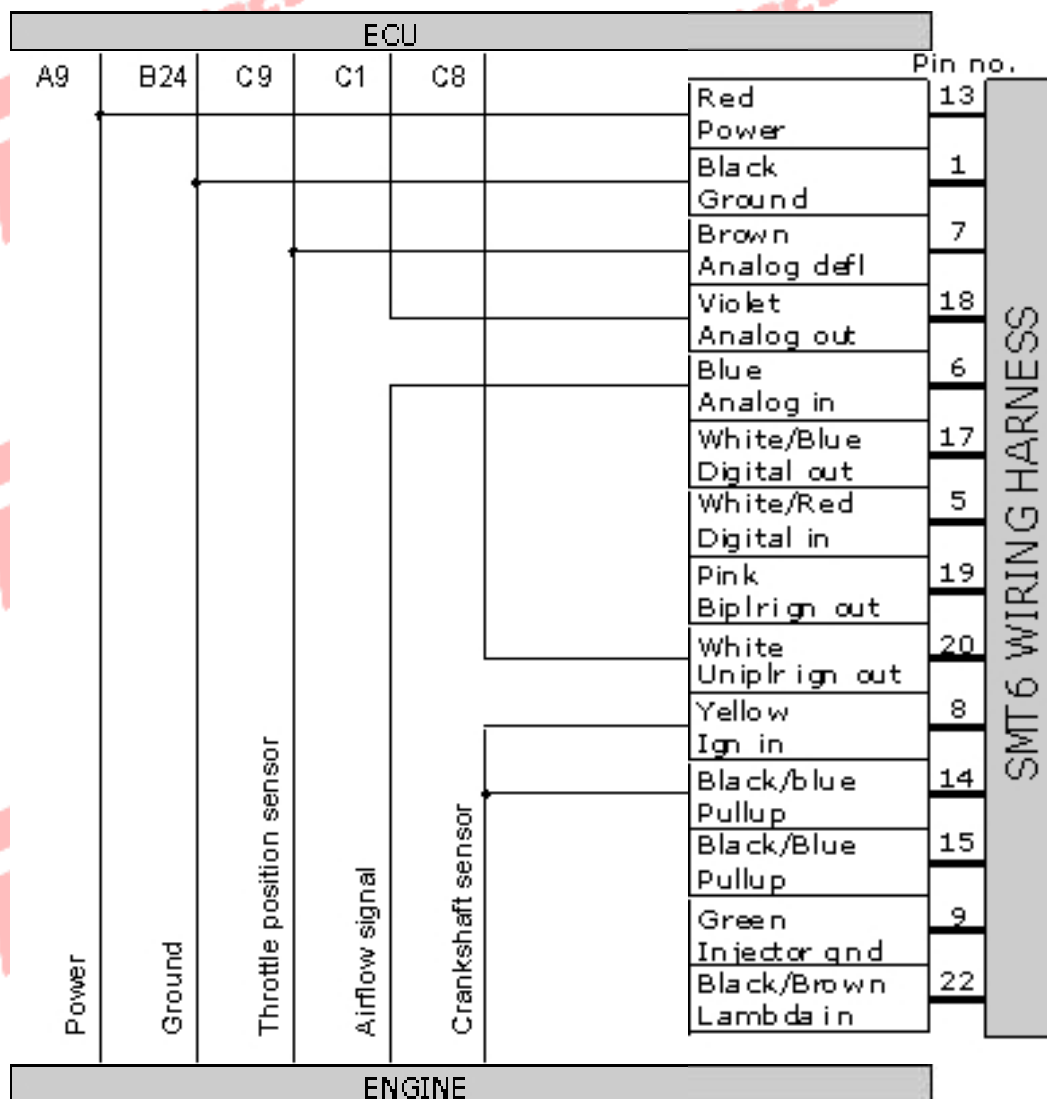
ECU Location:

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)

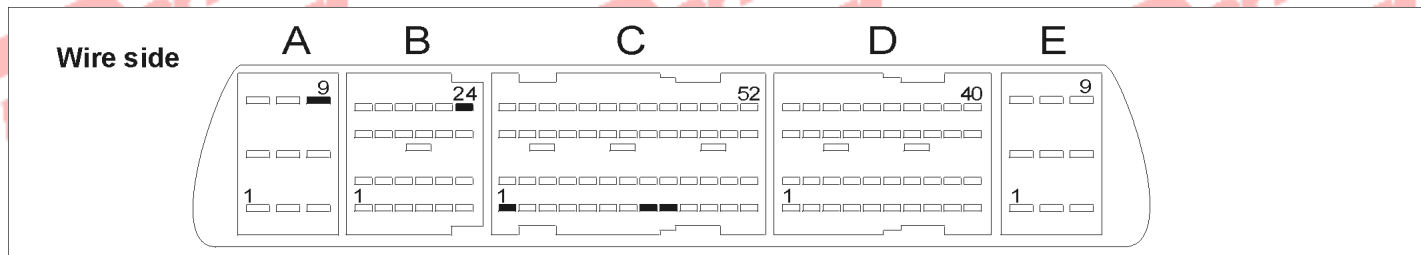
Year: 1998-02

Comments:

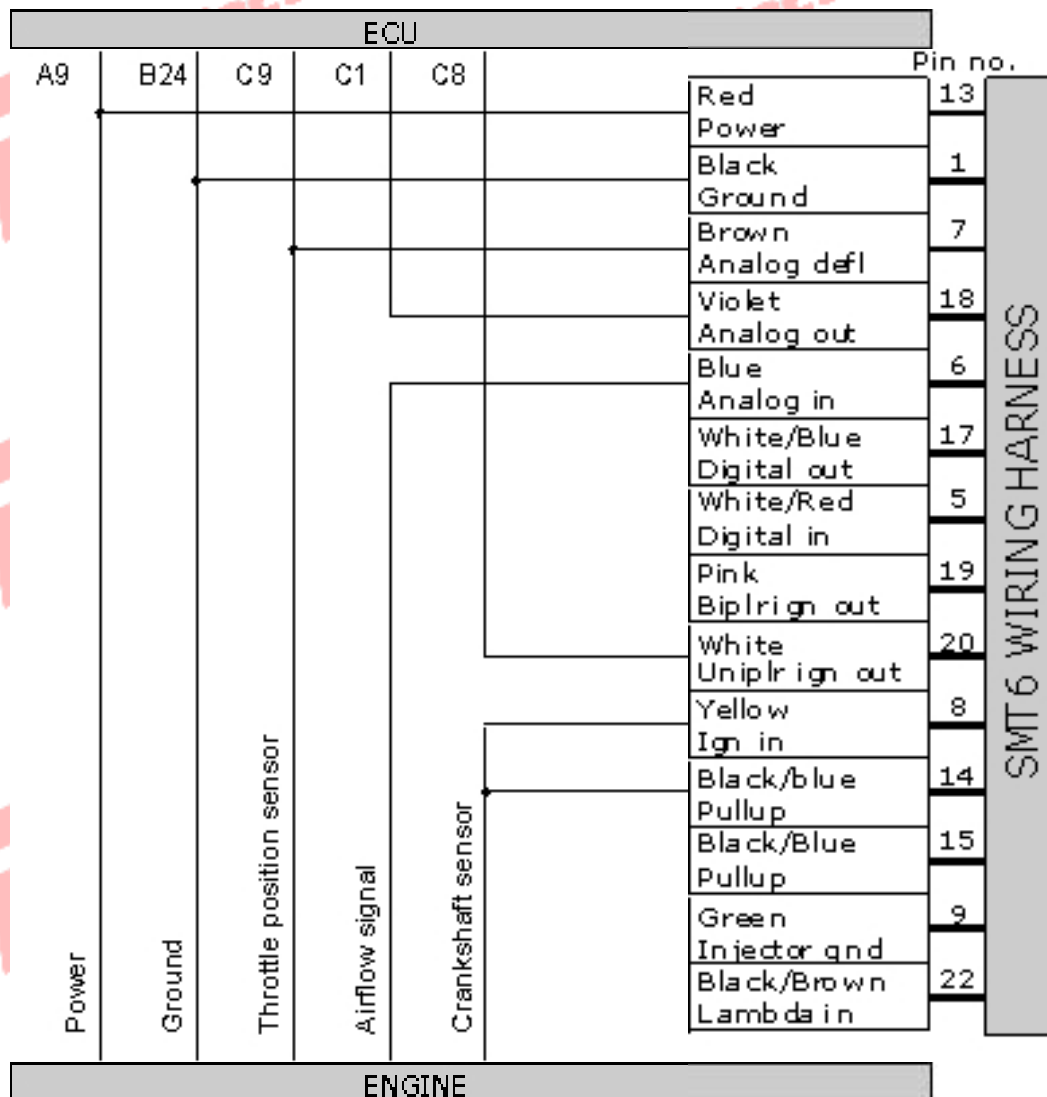
ECU Location:

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)

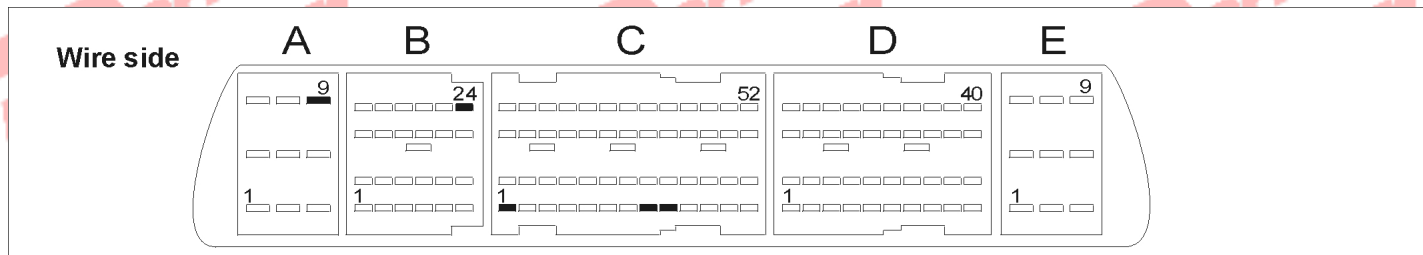
Year: 1998-02

Comments:

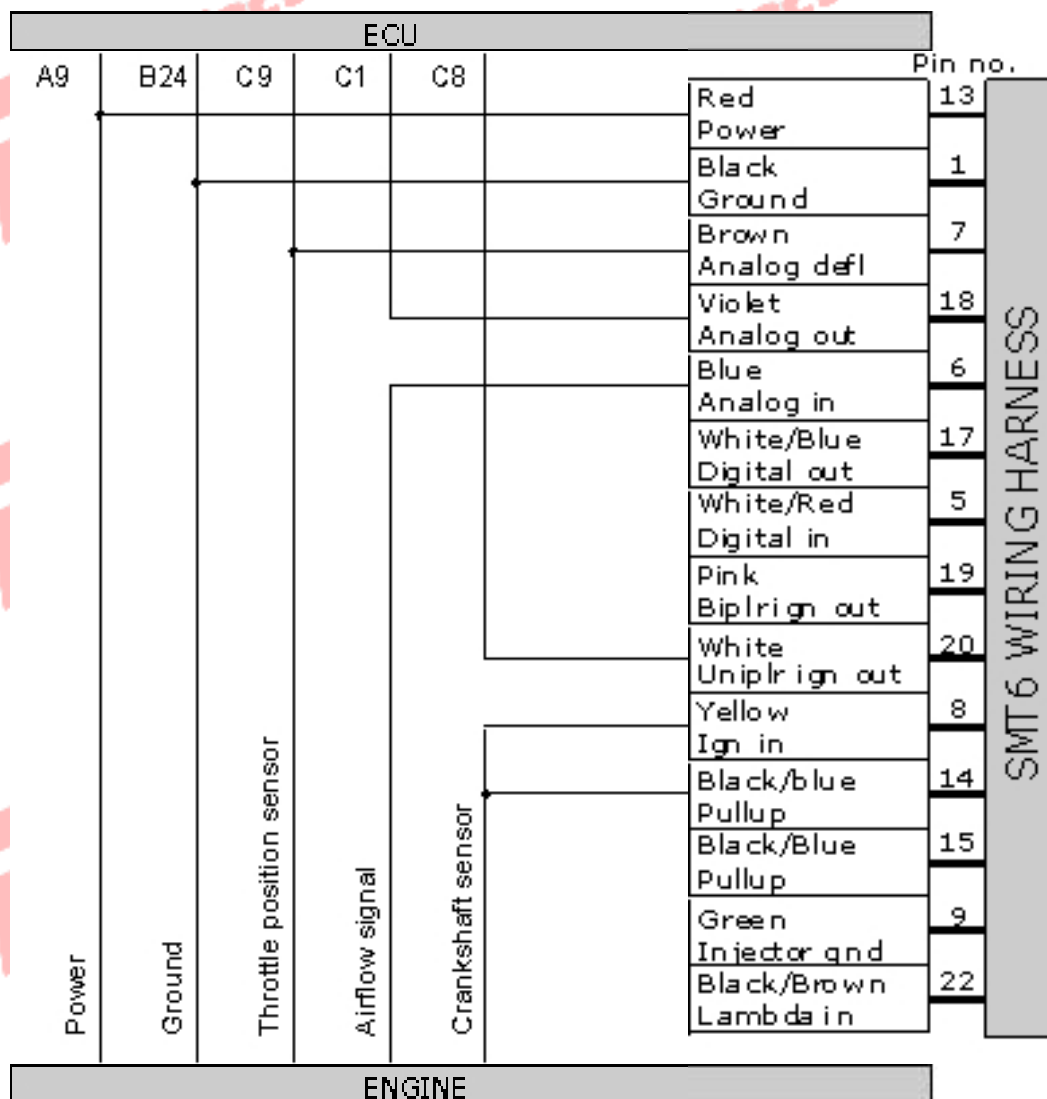
ECU Location:

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.

Perfect Power Wiring Diagram

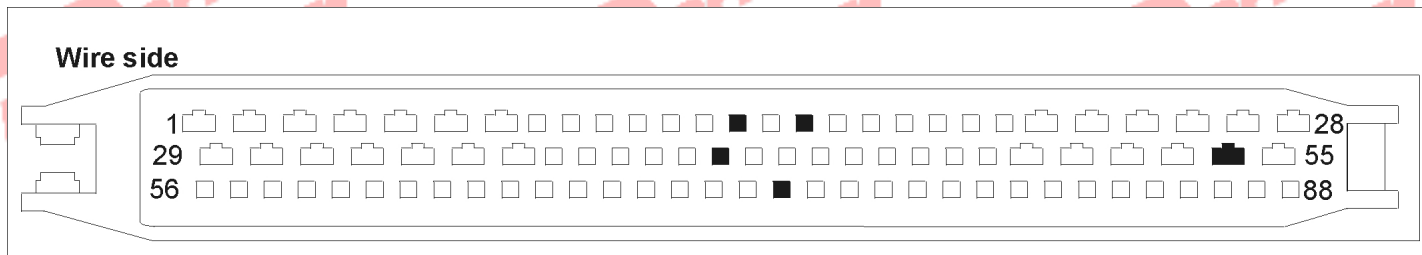


ECU make: Bosch Motronic M3.3
 Model: 730i (E32)
 Year: 1992-94
 Comments:
 ECU Location:

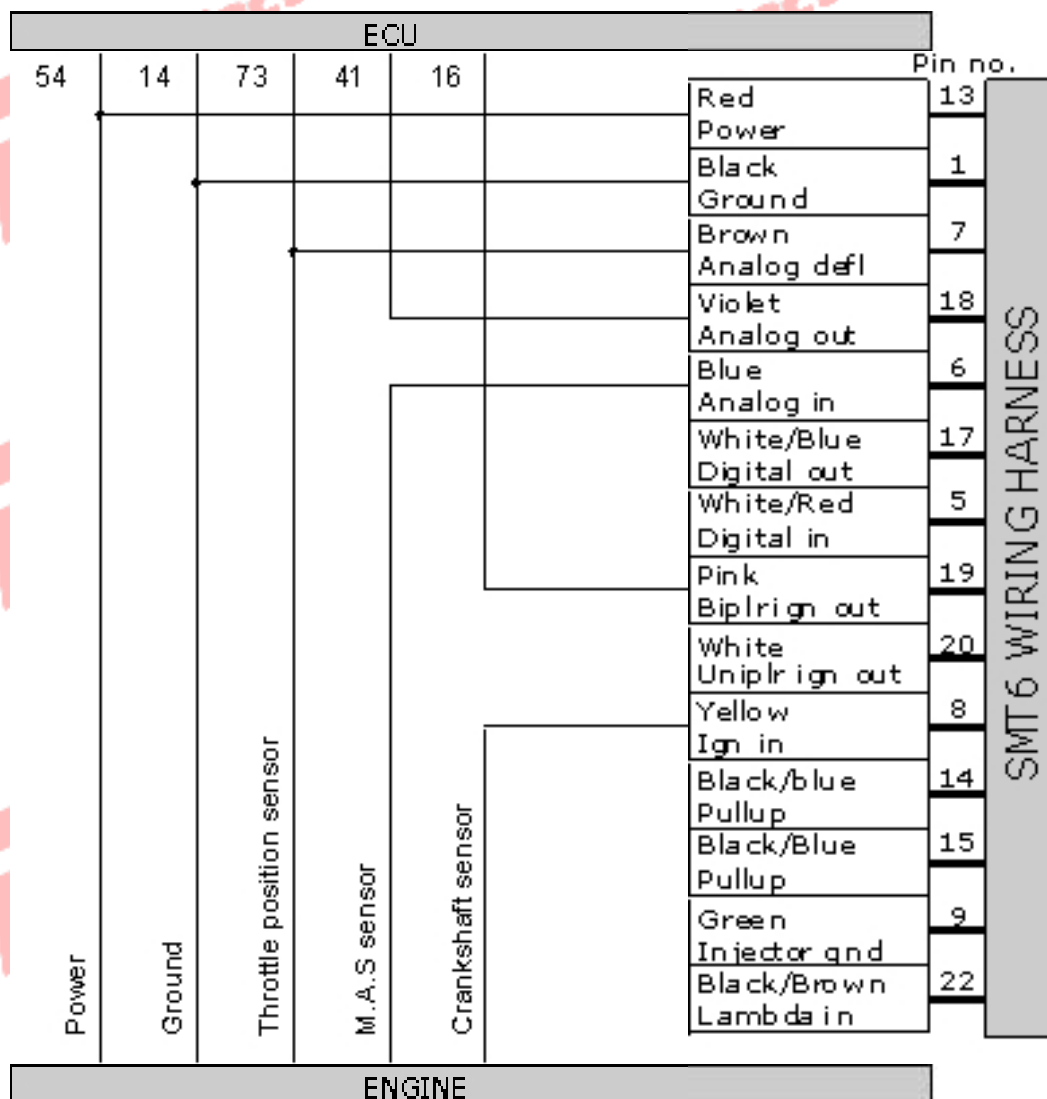
Vehicle make: BMW

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.

Perfect Power Wiring Diagram

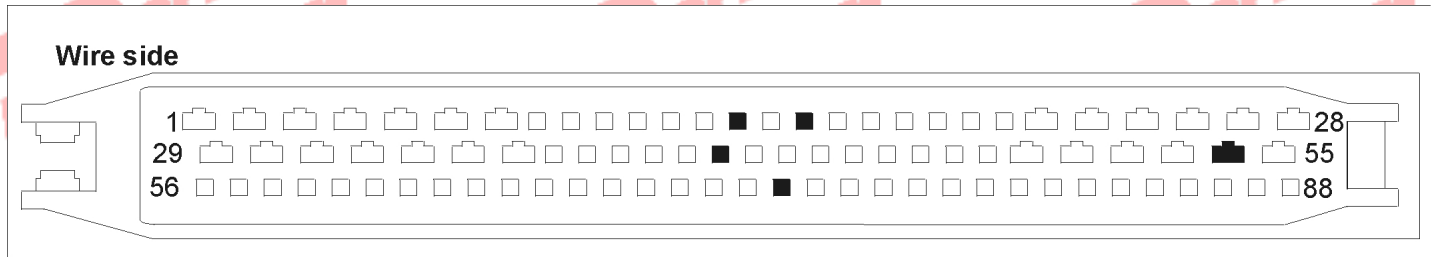


ECU make:	Bosch Motronic M3.3
Model:	730i (E38)
Year:	1994-96
Comments:	
ECU Location:	

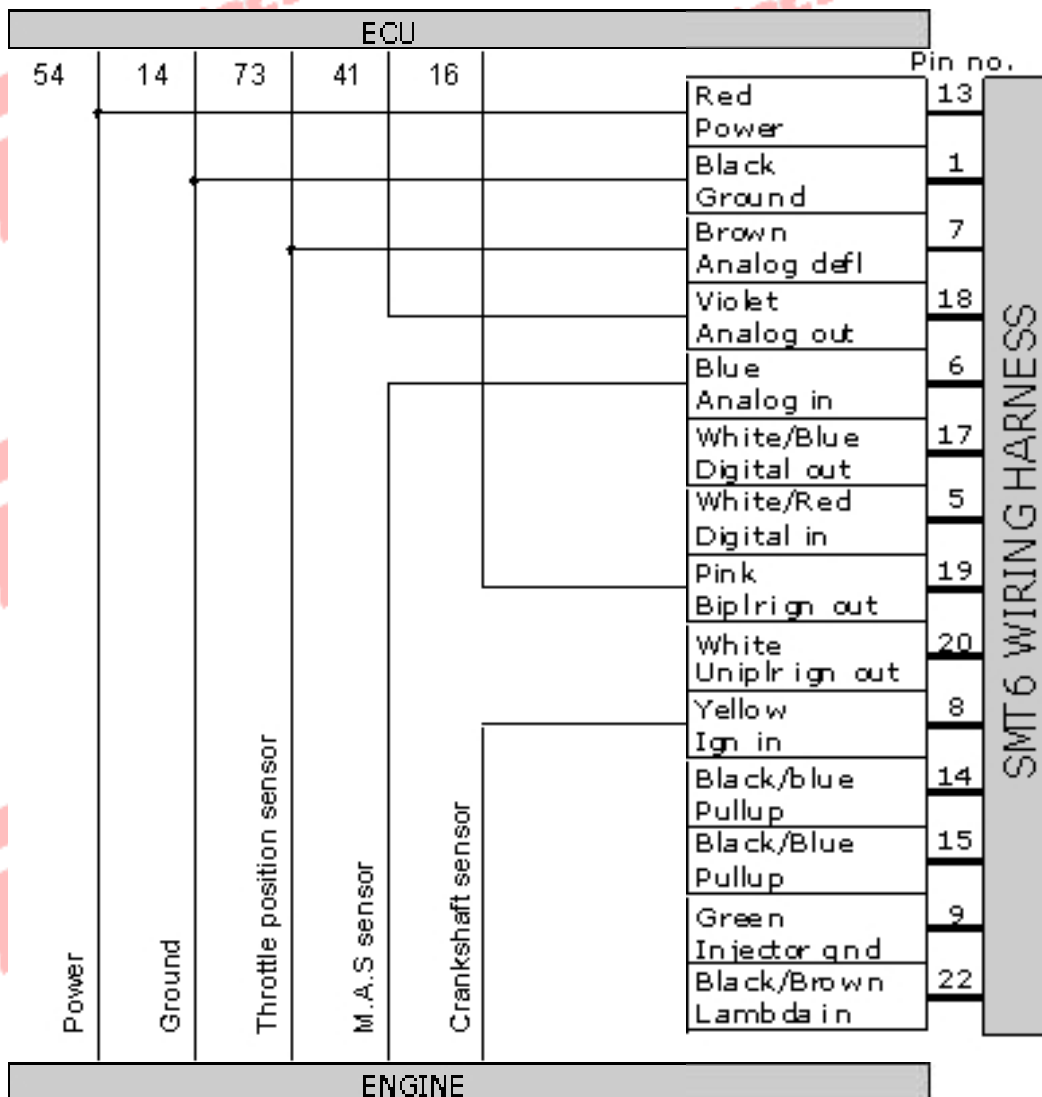
Vehicle make: **BMW**

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.

Perfect Power Wiring Diagram

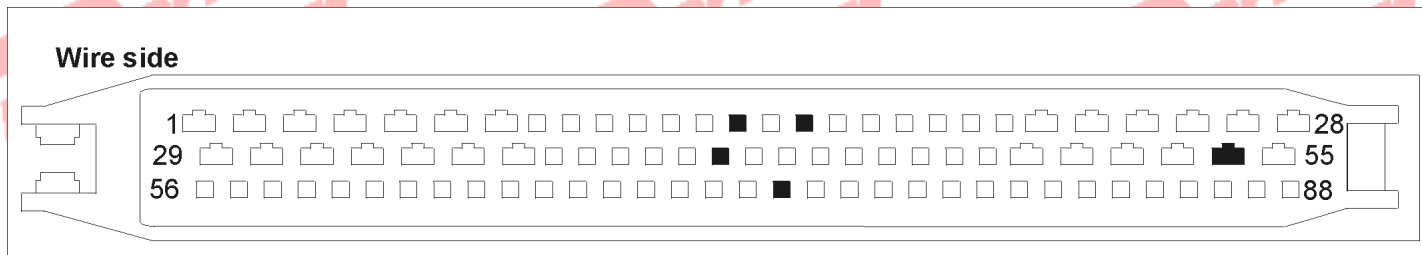


ECU make: Bosch Motronic M3.3
 Model: 740i (E32)
 Year: 1992-94
 Comments:
 ECU Location:

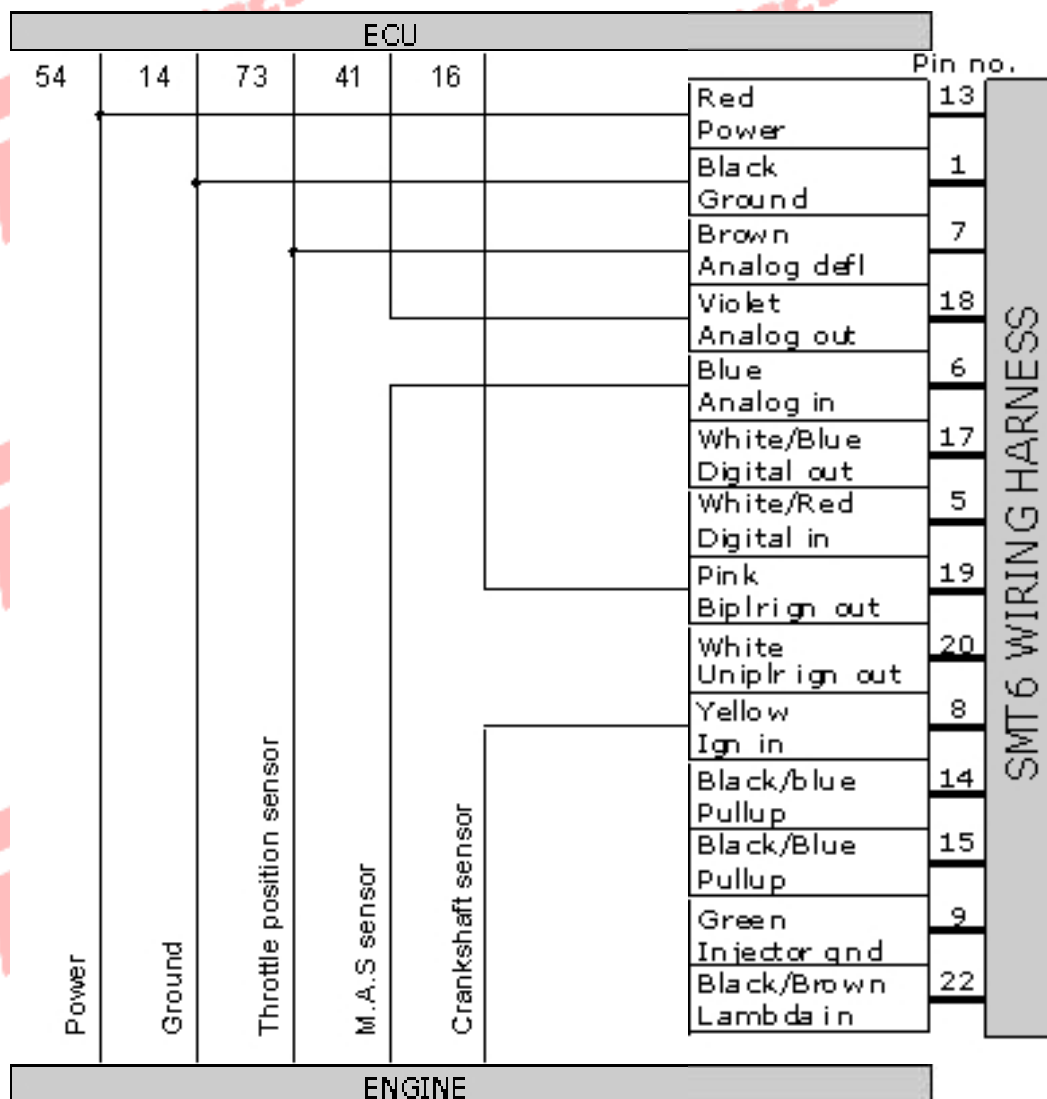
Vehicle make: BMW

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.

Perfect Power Wiring Diagram



ECU make:

Vehicle make: BMW

Model: 540

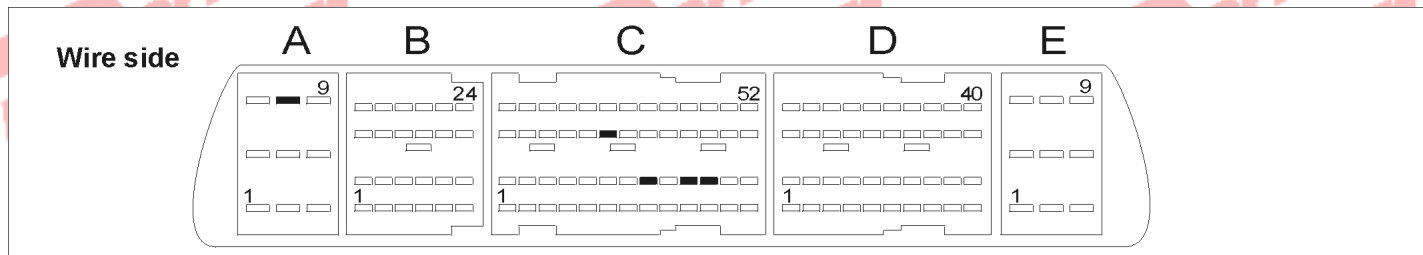
Year: 1998-

Comments:

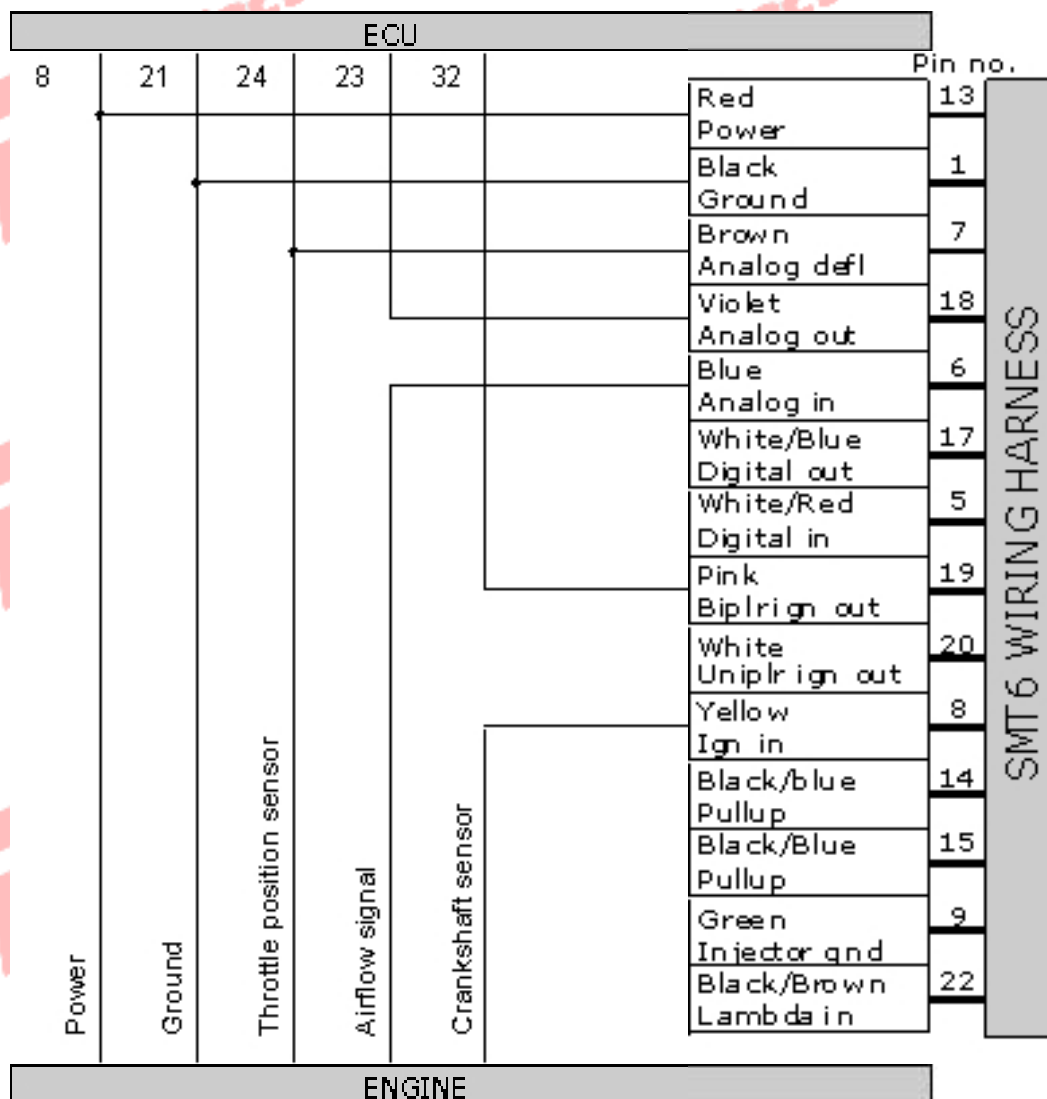
ECU Location: Engine bay left under aircon filters

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

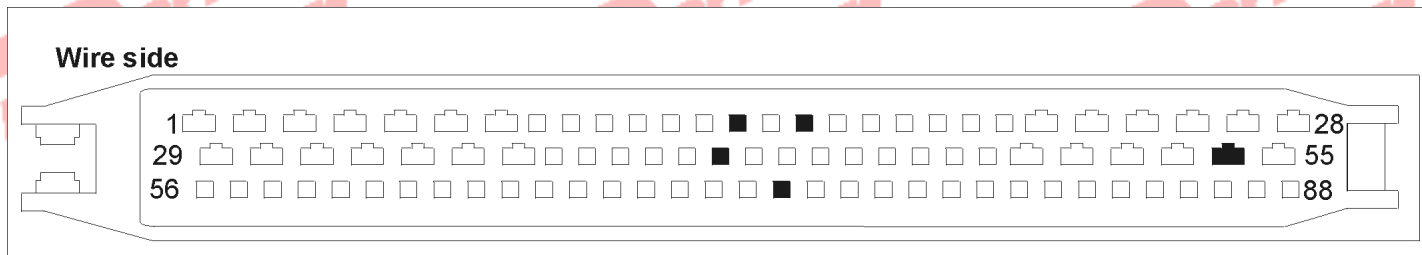


ECU make: Bosch Motronic M3.3.1
 Model: 520i 24V Vanos (E34)
 Year: 1992-96
 Comments:
 ECU Location: Passenger shock tower

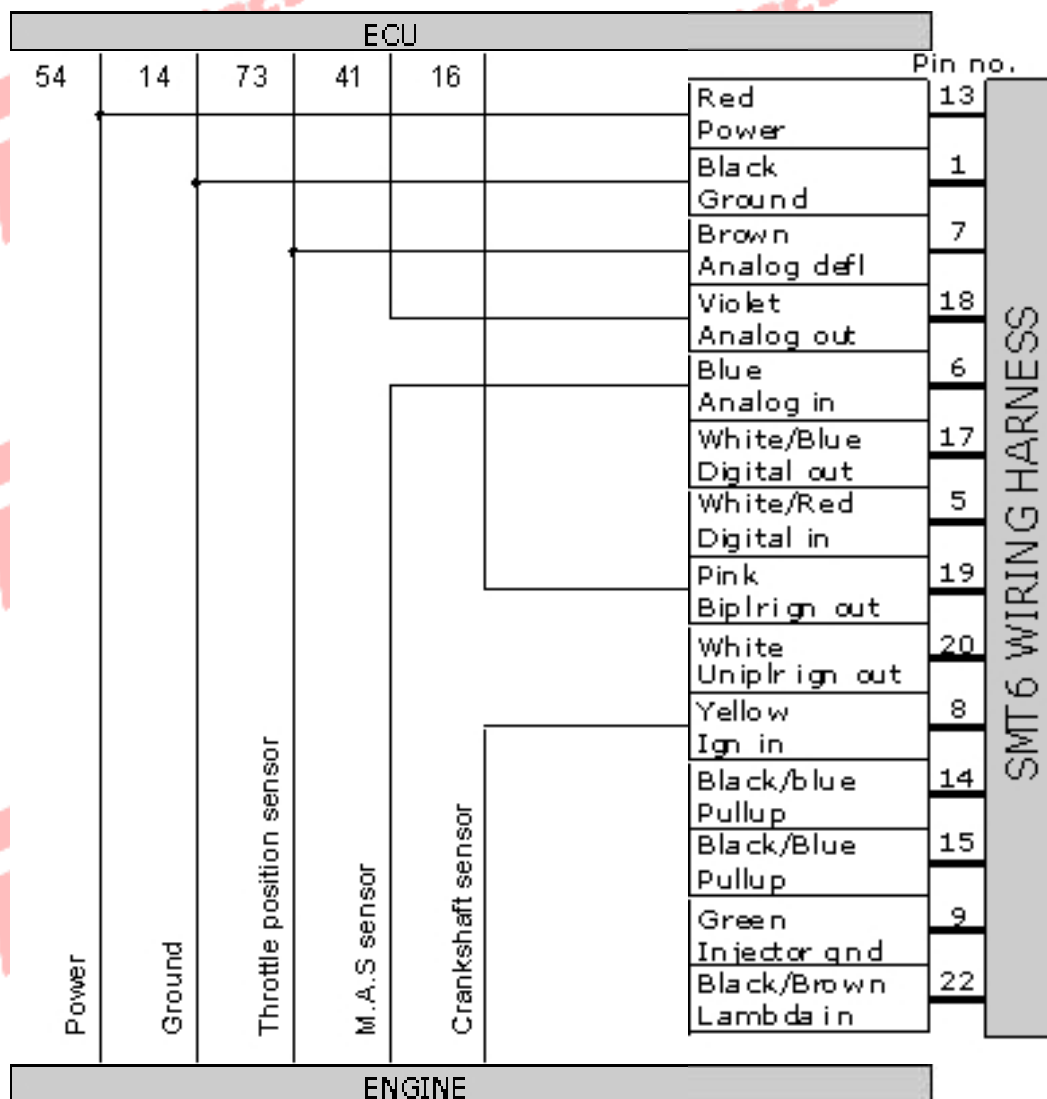
Vehicle make: BMW

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

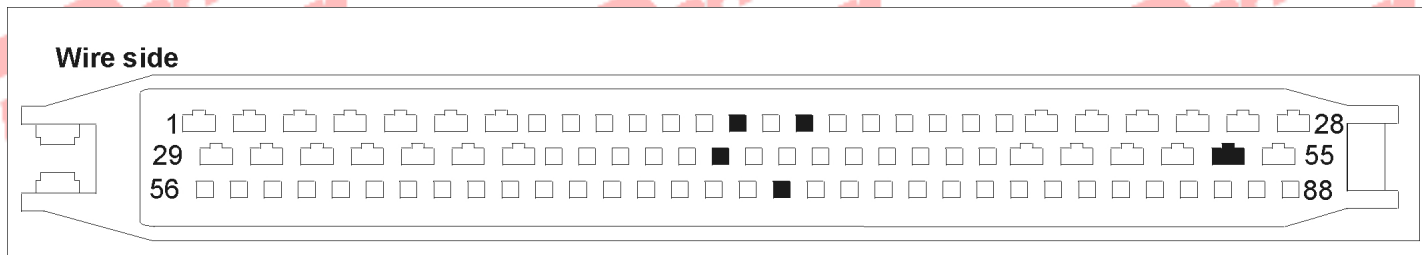
Year:

Comments:

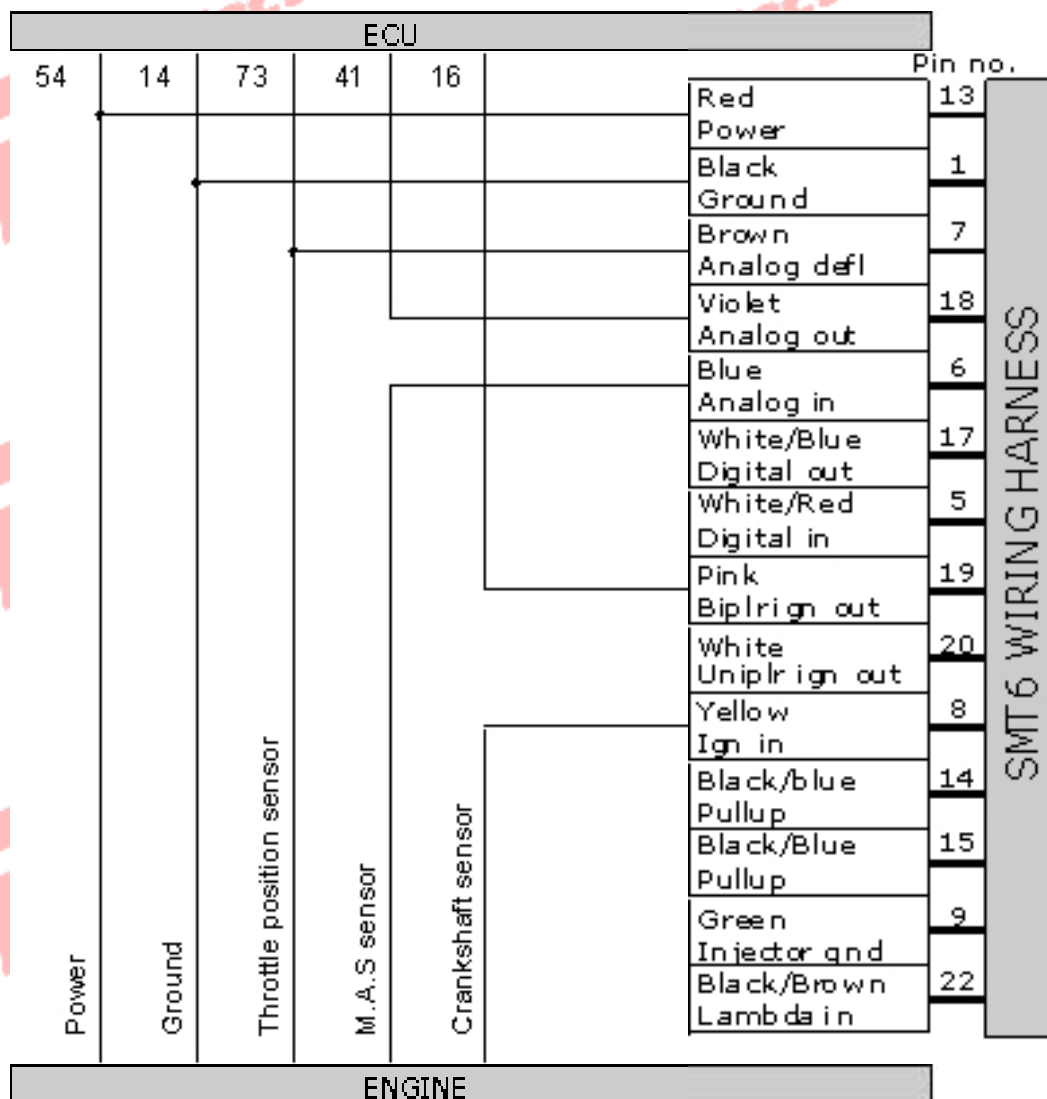
ECU Location: Engine by left side in wiper box

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

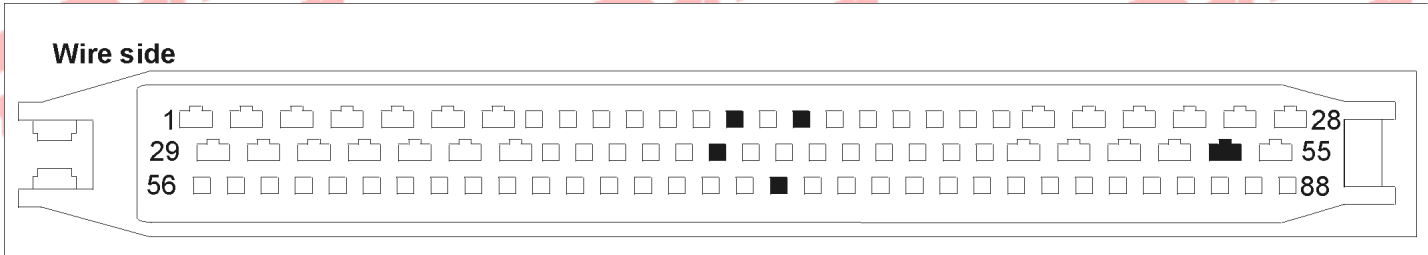


ECU make: Bosch Motronic M3.3.1
 Model: 325i 24V Vanos (E36)
 Year: 1992-97
 Comments:
 ECU Location: Behind battery console

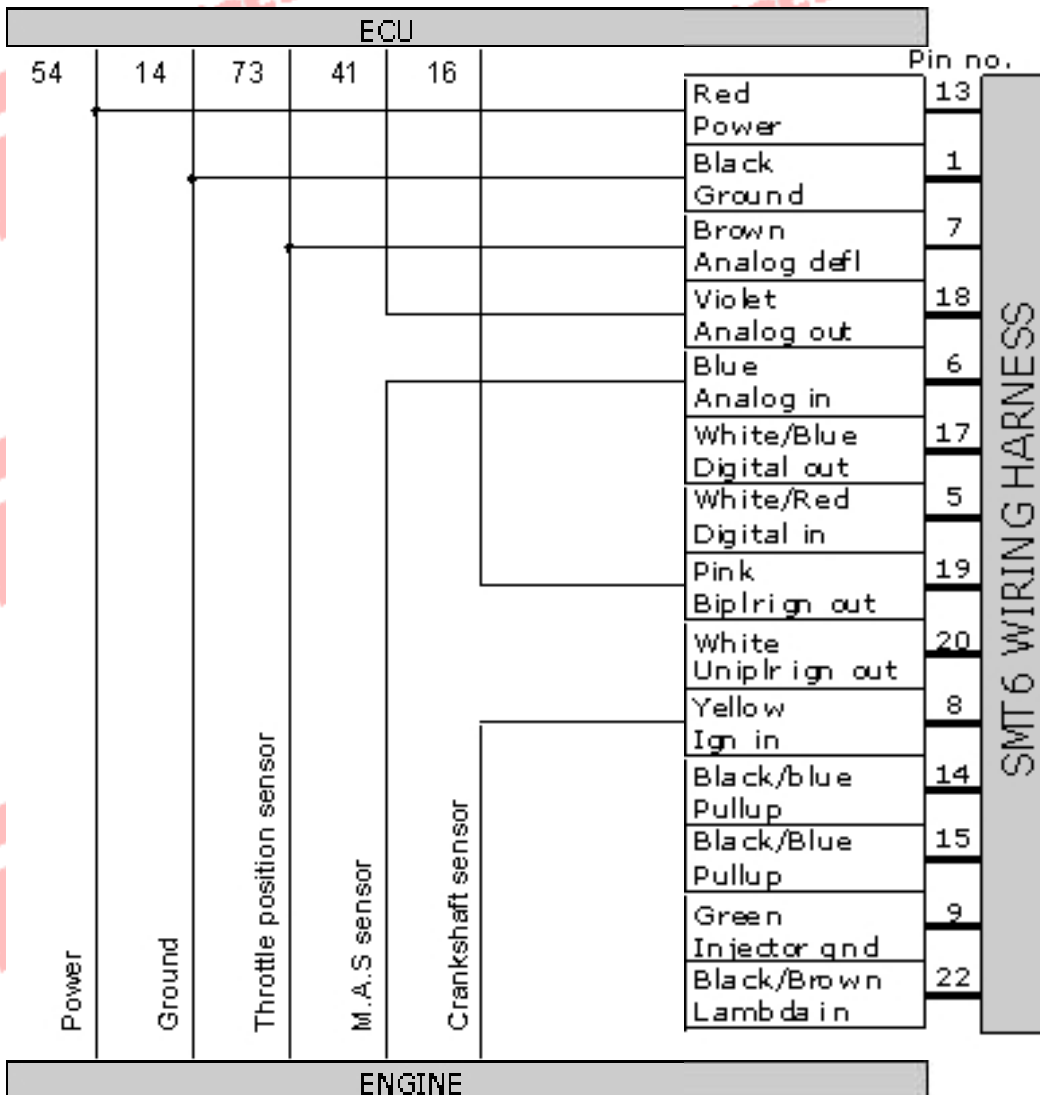
Vehicle make: BMW

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

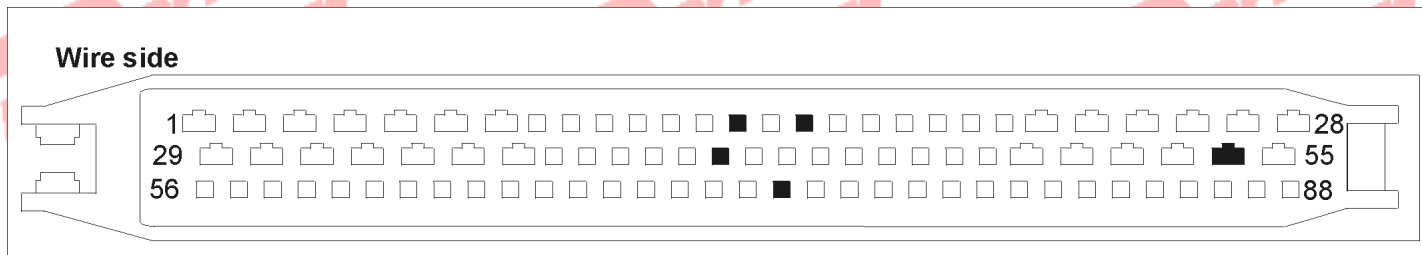


ECU make: Bosch Motronic M3.3.1
 Model: 525i 24V Vanos (E34)
 Year: 1992-96
 Comments:
 ECU Location: Passenger shock tower

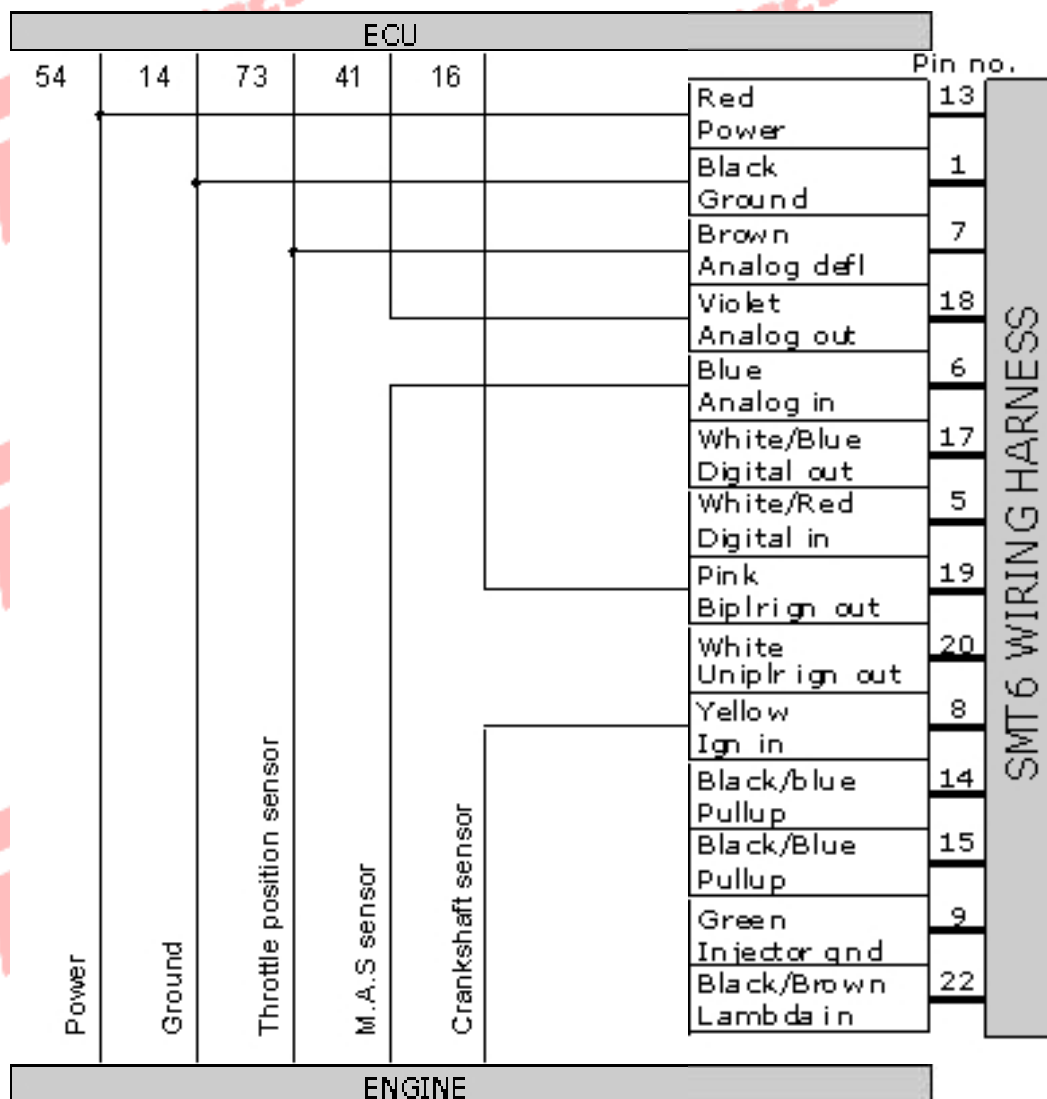
Vehicle make: BMW

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:

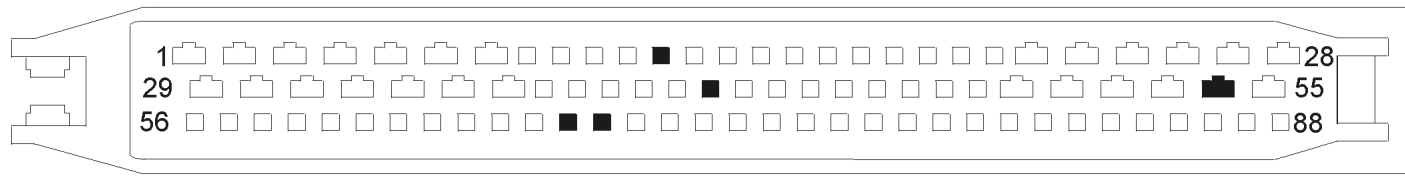
Comments:

ECU Location: 5 series right hand side engine bay, 3 series left side in wiper box

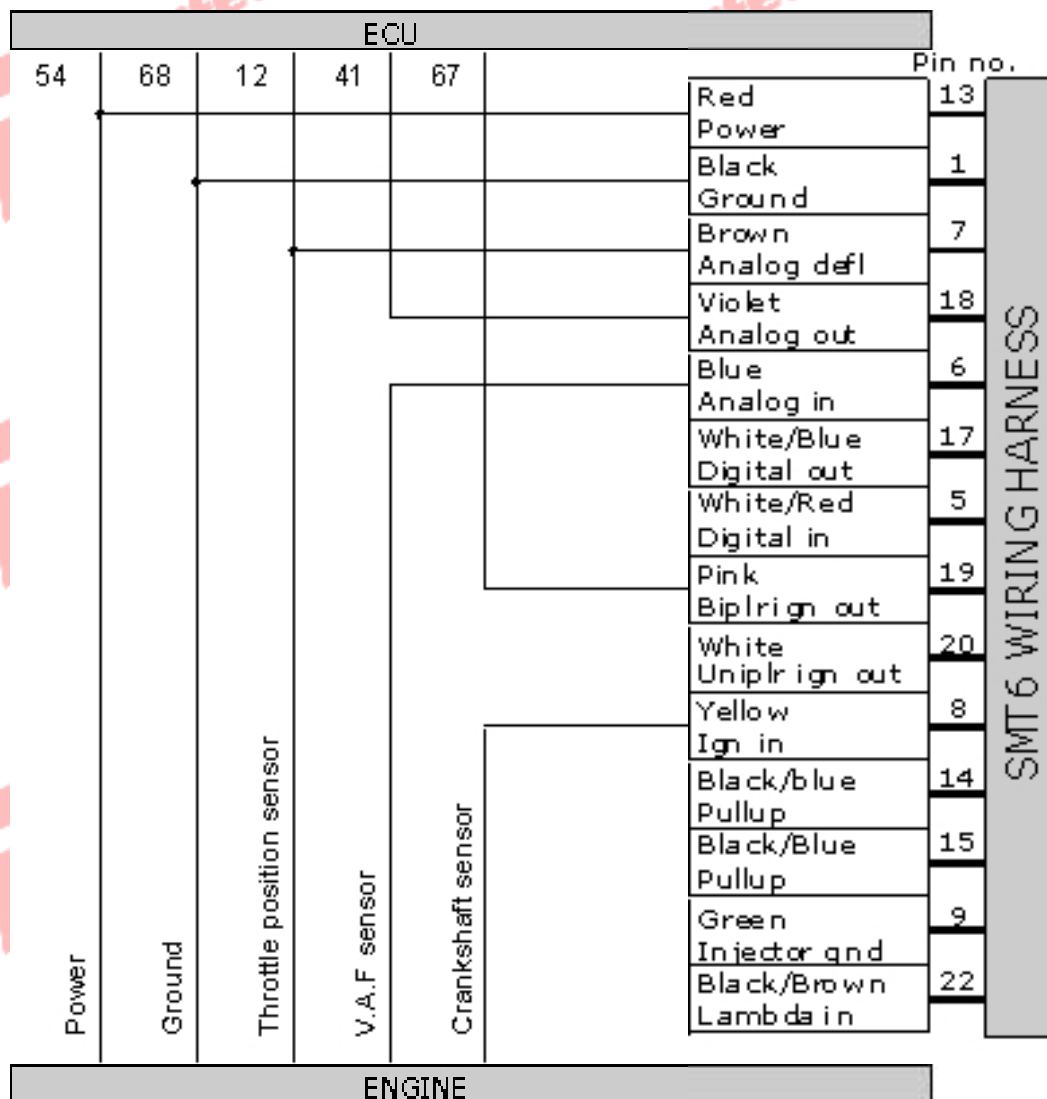
Click [here](#) to return to BMW Menu.

ECU Pin Out

Wire side



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

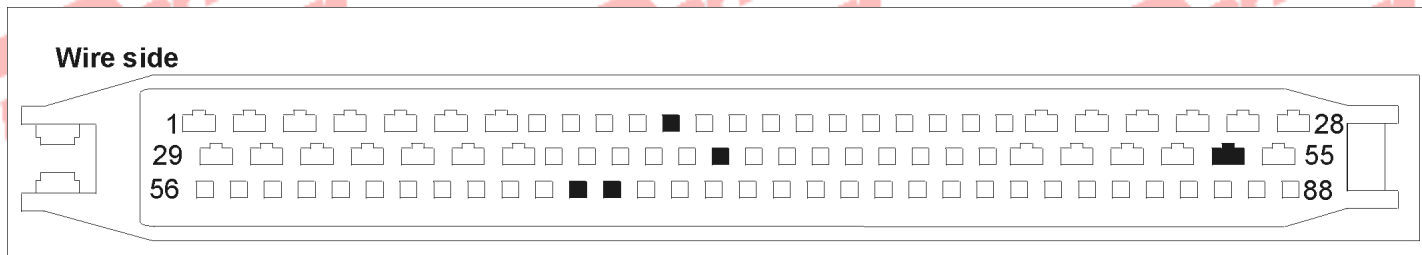


ECU make: Bosch Motronic M1.7
 Model: 316i (E36) (16 4E 1)
 Year: 1991-93
 Comments:
 ECU Location:

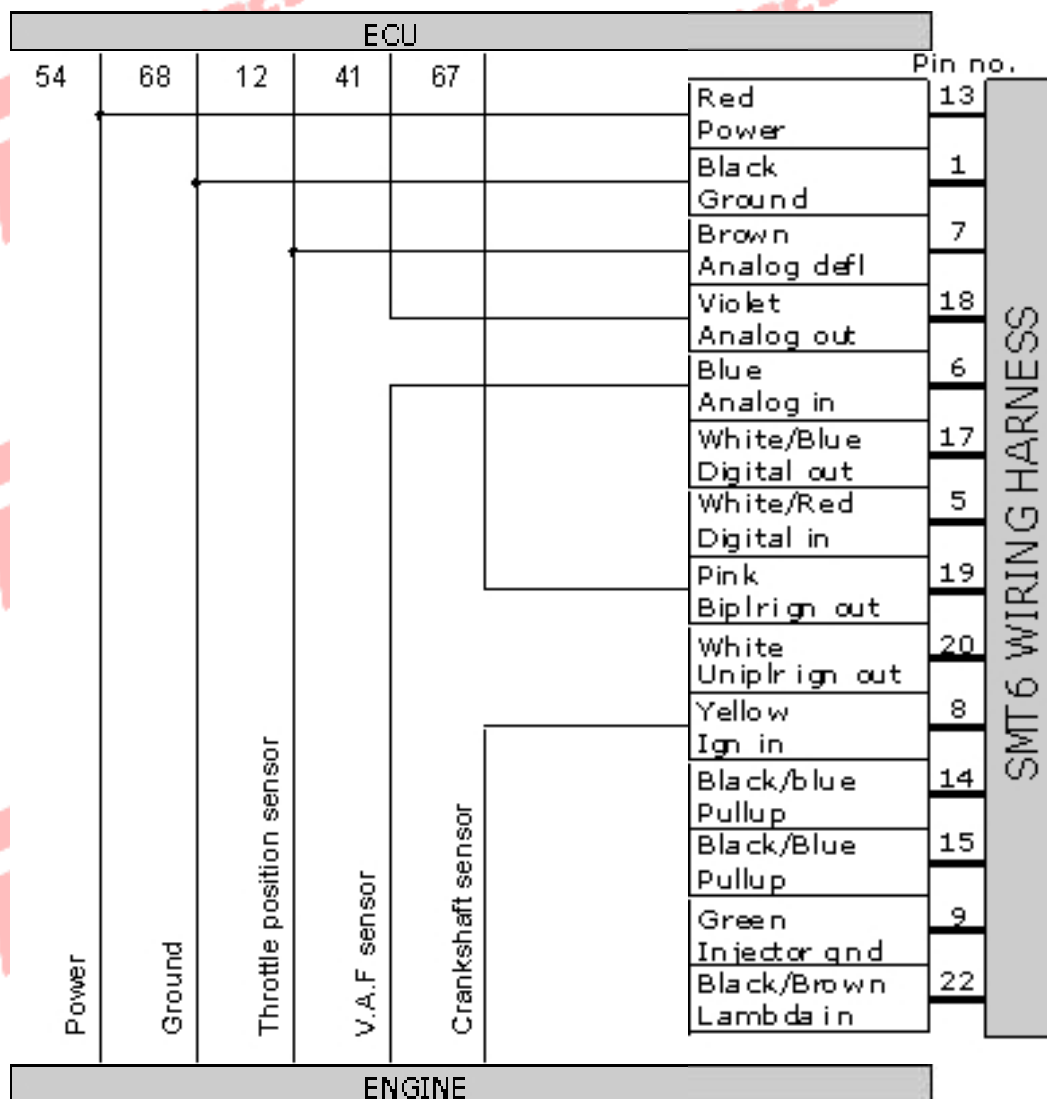
Vehicle make: BMW

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

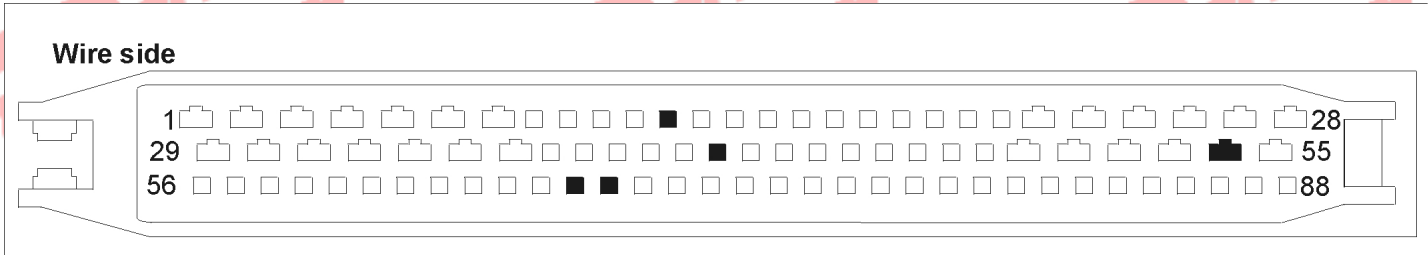


ECU make: Bosch Motronic M1.7
 Model: 318i (E36) (18 4E 1)
 Year: 1991-93
 Comments:
 ECU Location:

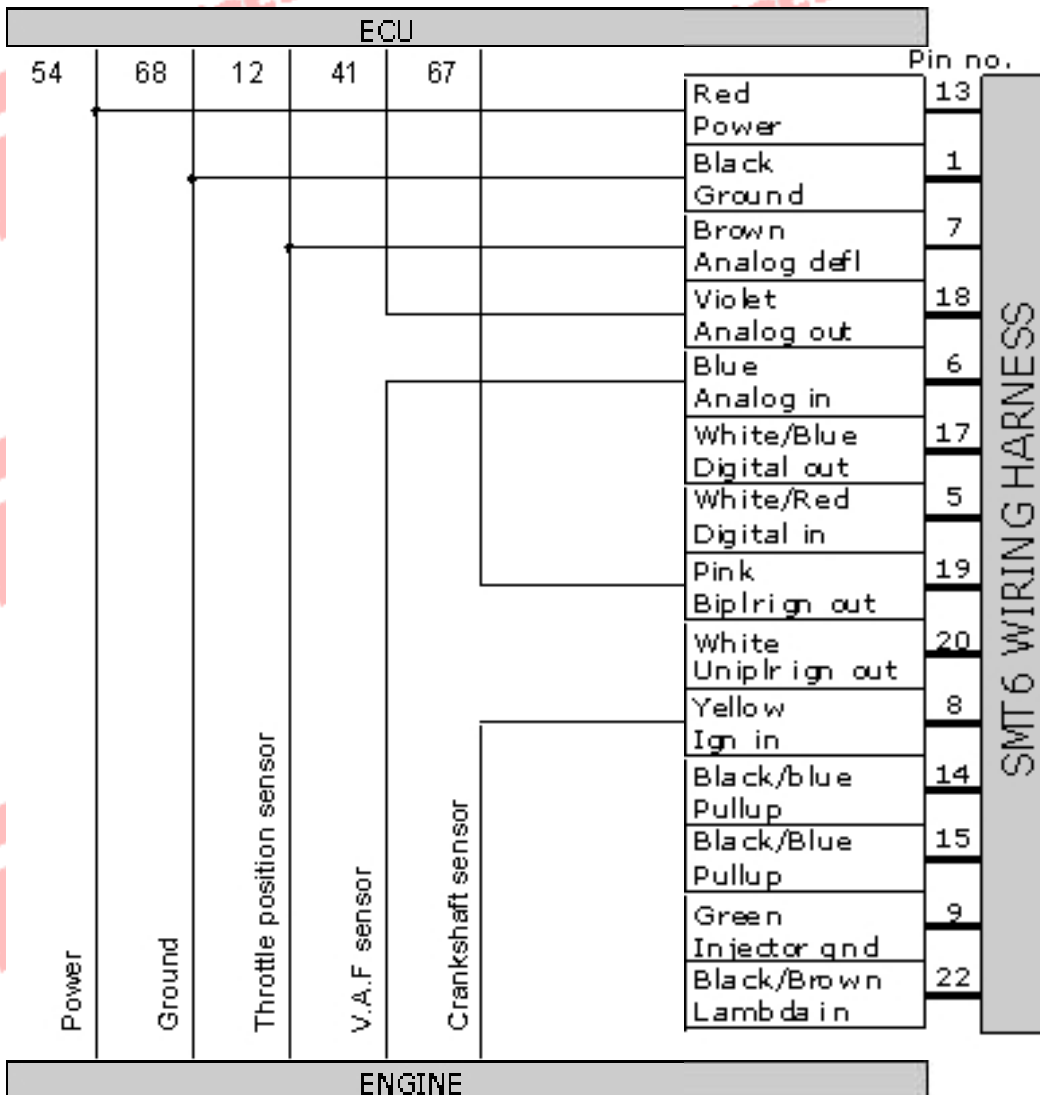
Vehicle make: BMW

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

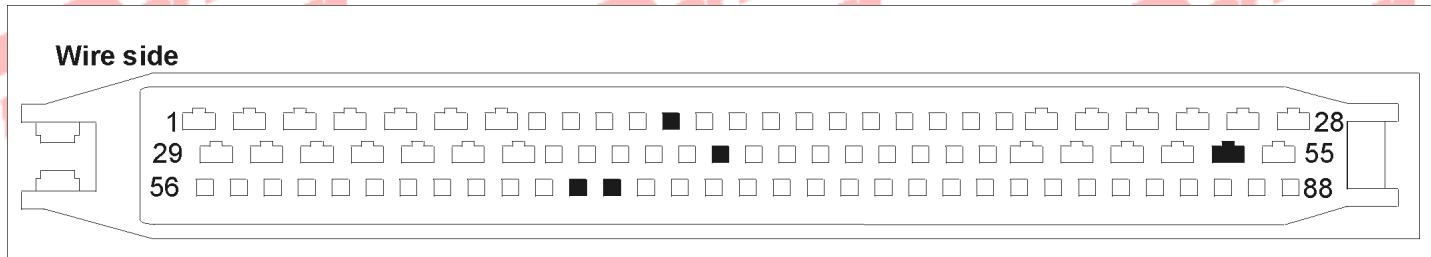


ECU make: Bosch Motronic M1.7
 Model: 518i (E34)
 Year: 1989-95
 Comments:
 ECU Location:

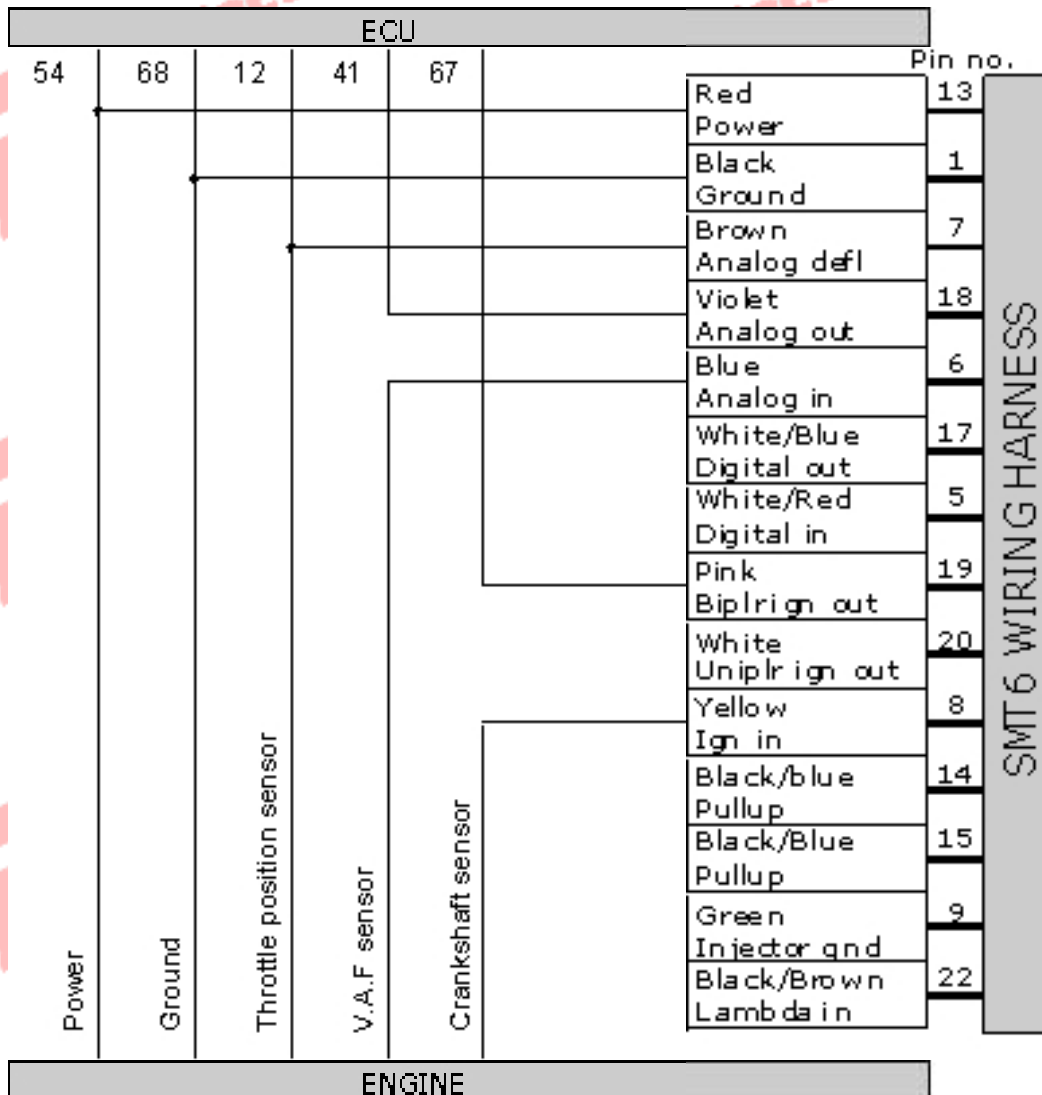
Vehicle make: BMW

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

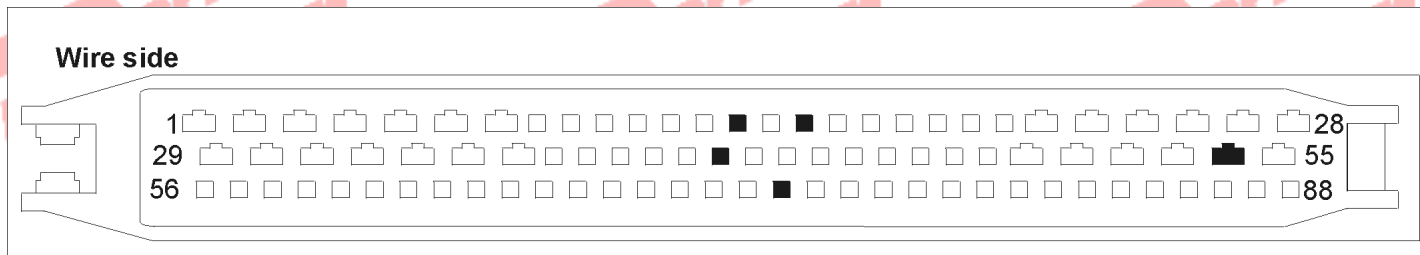
Year:

Comments:

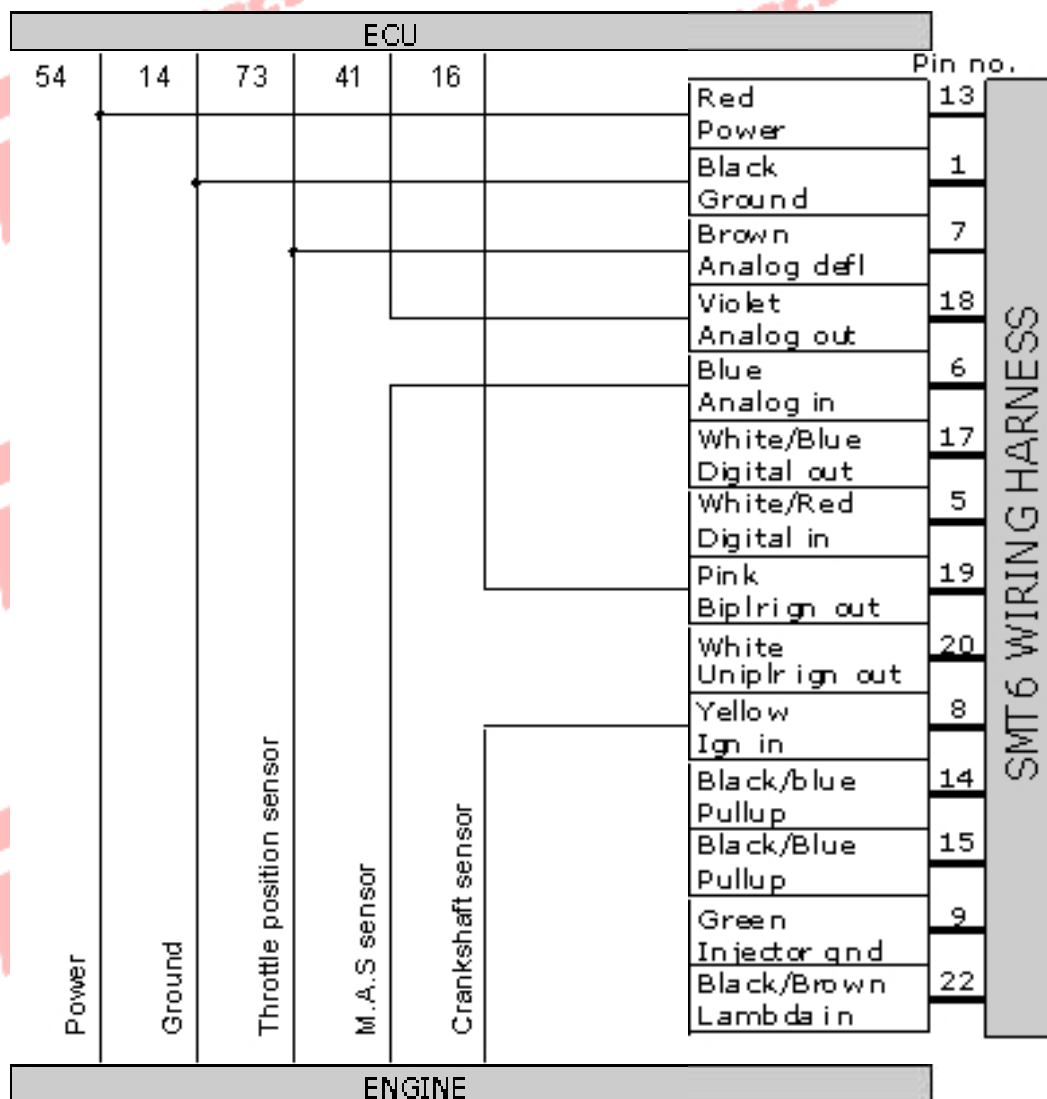
ECU Location: Engine bay in box on right hand side

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:

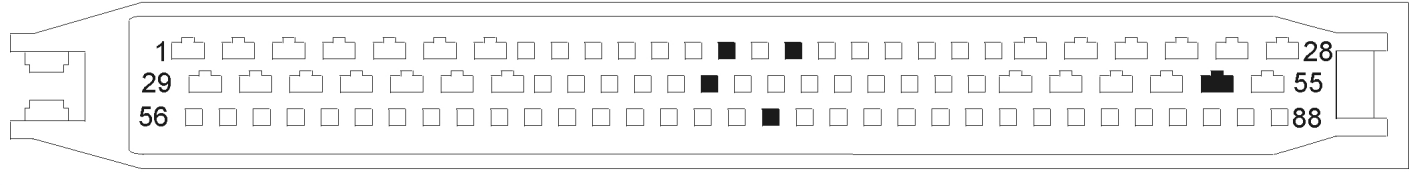
Comments:

ECU Location: Plastic box on right hand side of engine bay for series 5 left hand side in wiper box for series 3

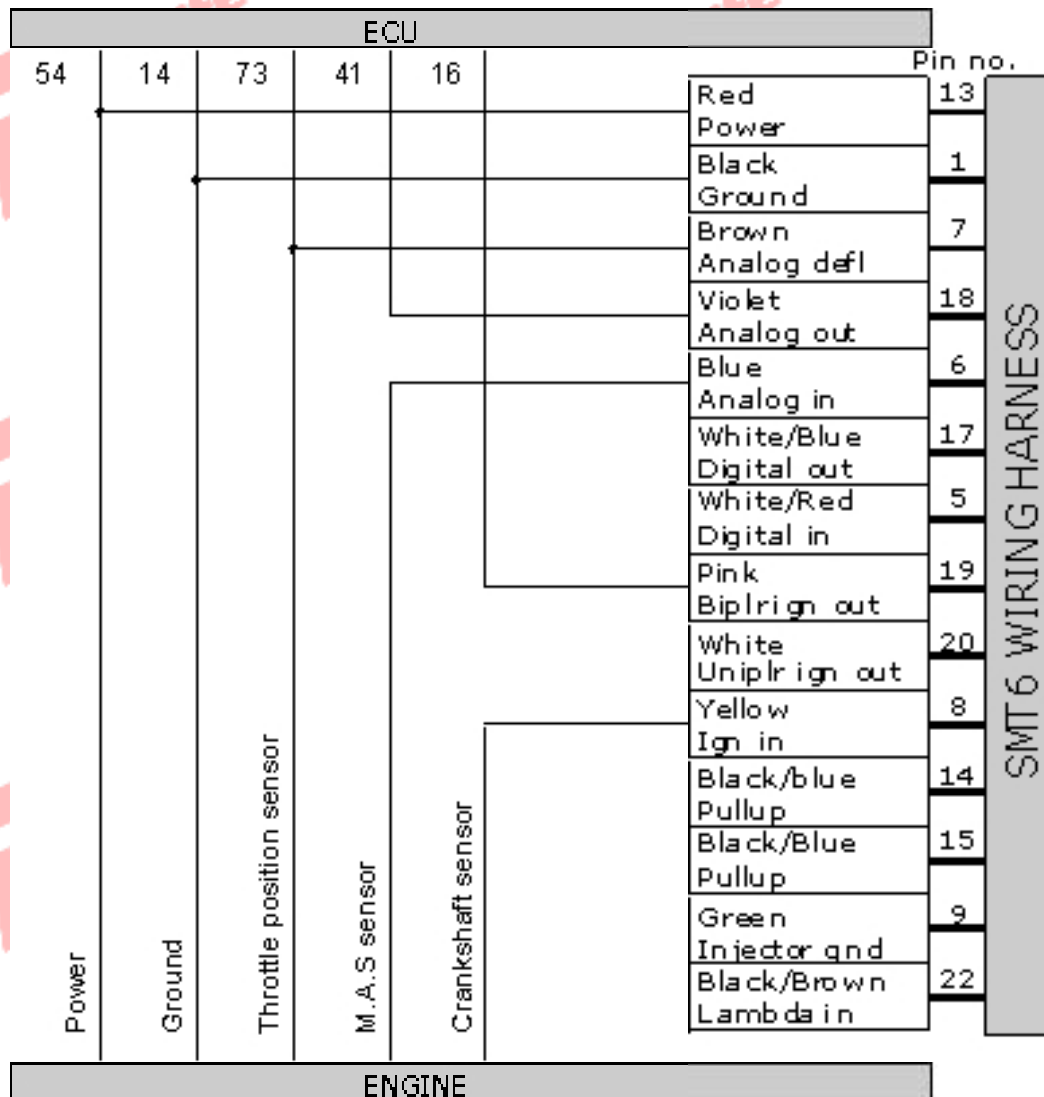
Click [here](#) to return to BMW Menu.

ECU Pin Out

Wire side



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:

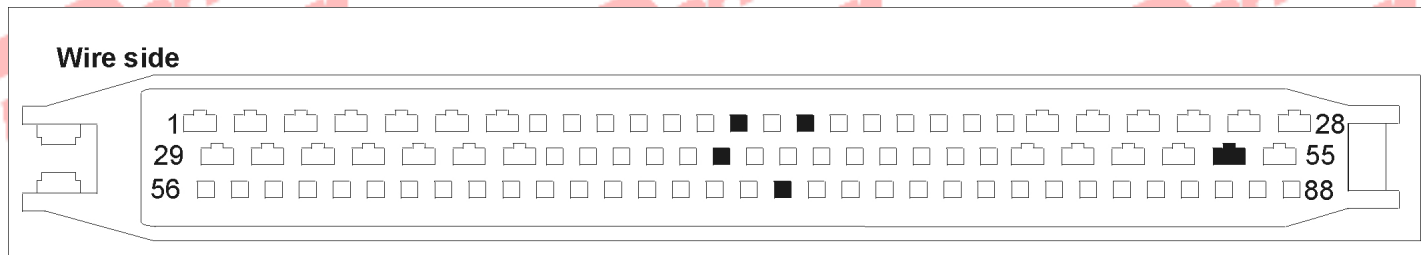
Comments:

ECU Location: Left hand side engine bay in wiper box

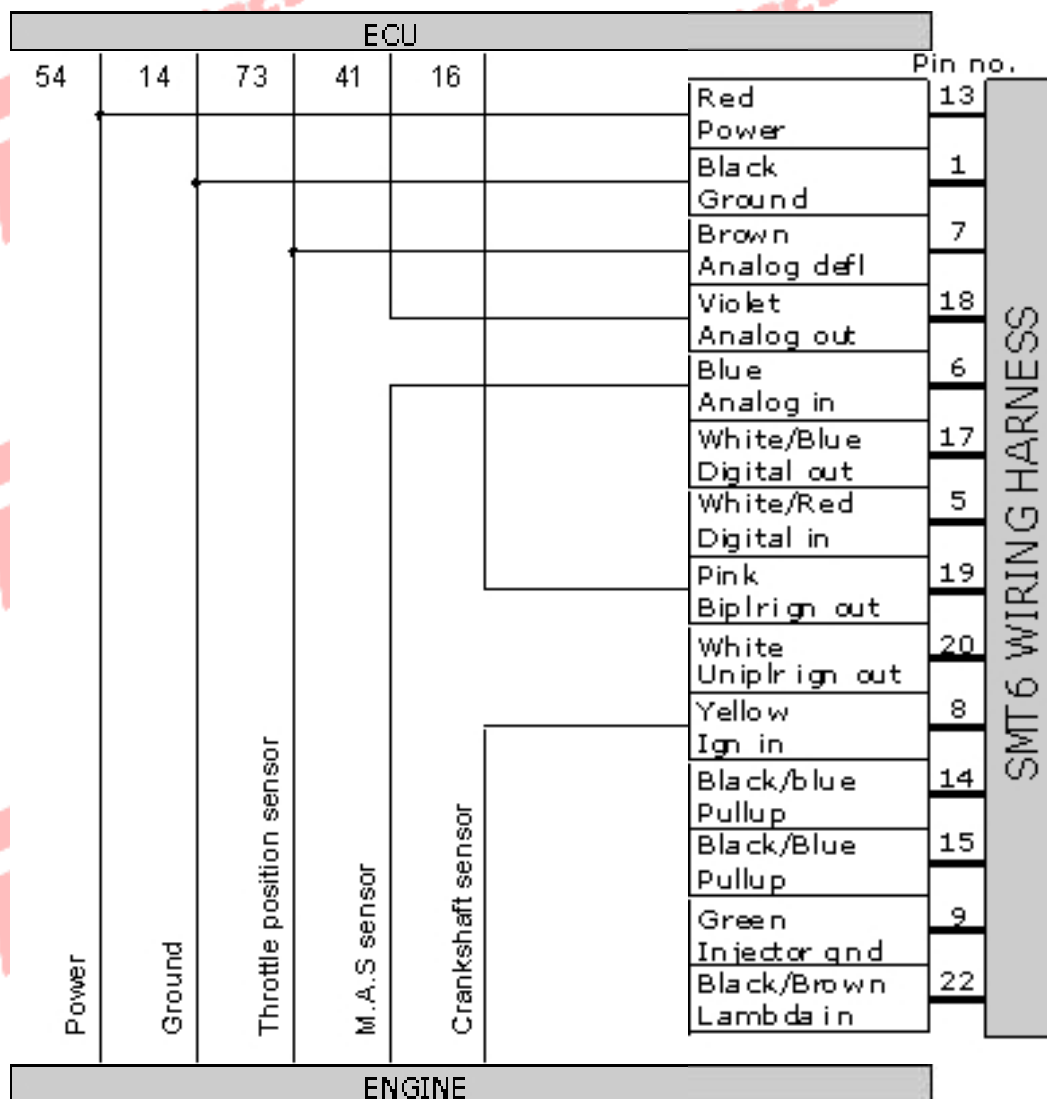
Vehicle make: BMW

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



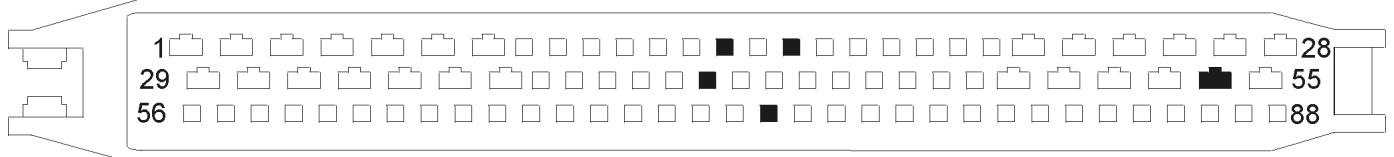
ECU make:	Bosch Motronic M3.3
Model:	530i (E34)
Year:	1992-96
Comments:	
ECU Location:	Passenger shock tower

Vehicle make: **BMW**

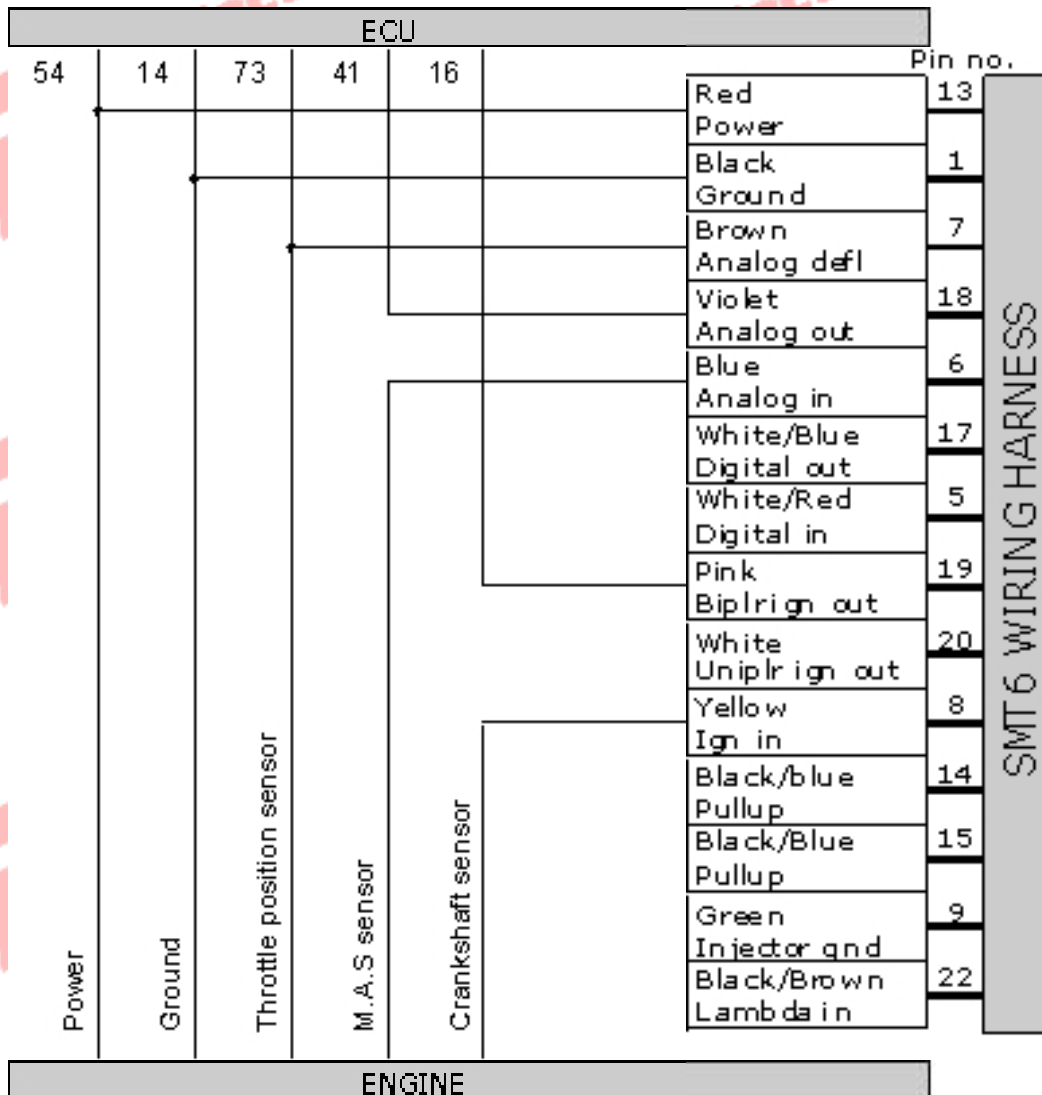
Click [here](#) to return to BMW Menu.

ECU Pin Out

Wire side



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

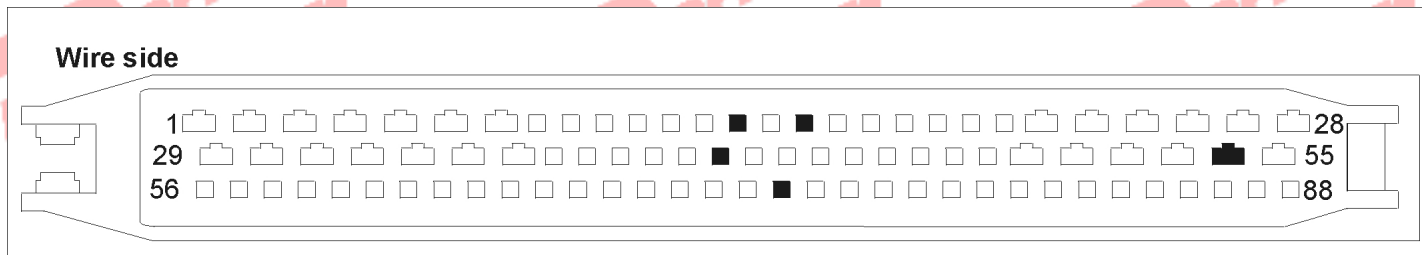


ECU make: Bosch Motronic M3.3
 Model: 540i (E34)
 Year: 1992-96
 Comments:
 ECU Location: Passenger shock tower

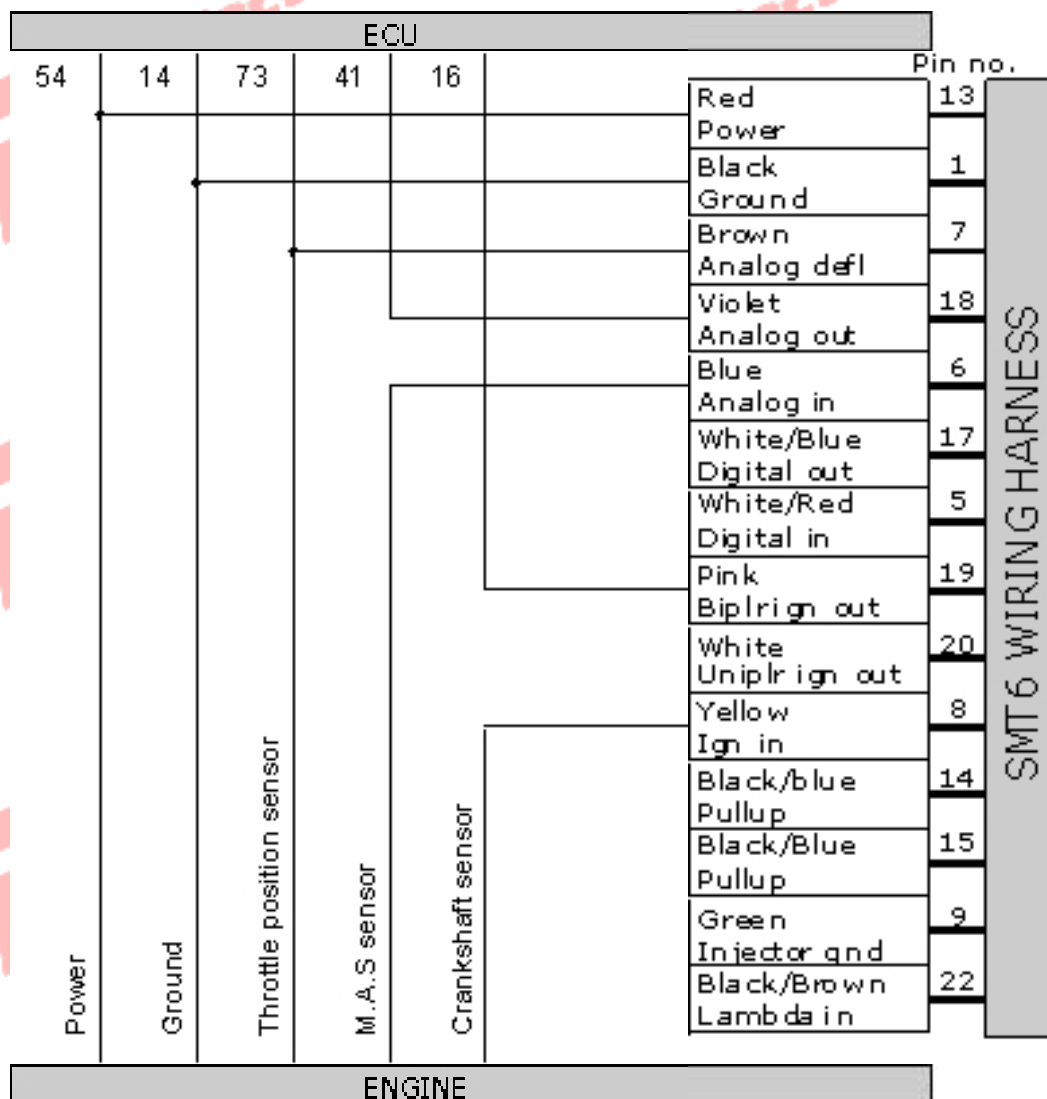
Vehicle make: BMW

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:

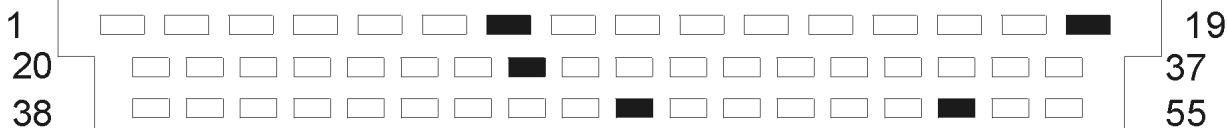
ECU Location: Under instrument panel

Vehicle make: BMW

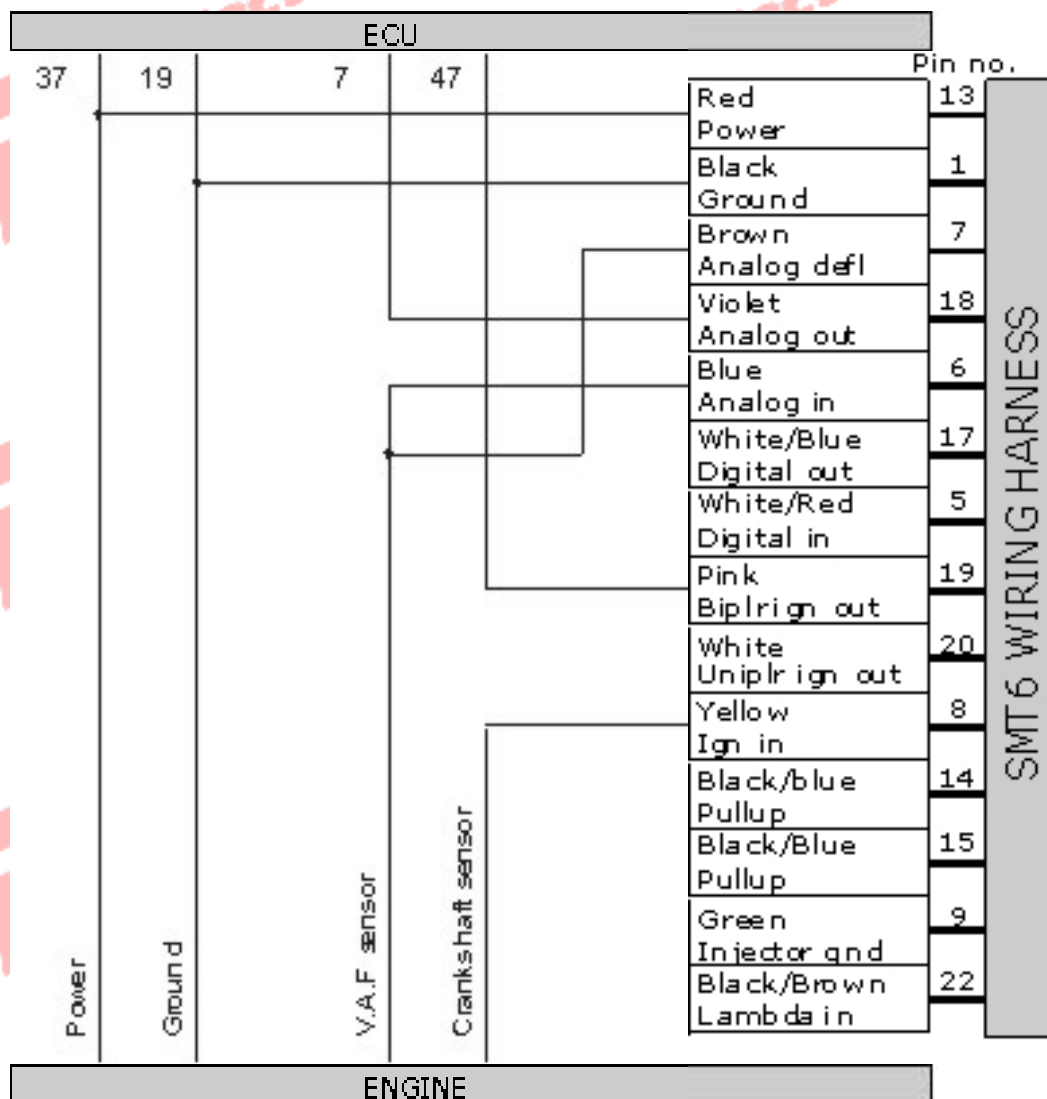
Click [here](#) to return to BMW Menu.

ECU Pin Out

Wire side



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



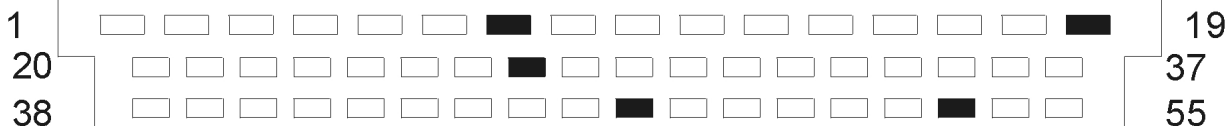
ECU make: Bosch Motronic M1.1/1.3
 Model: 316i/318i (E30)
 Year: 1988-93
 Comments:
 ECU Location:

Vehicle make: BMW

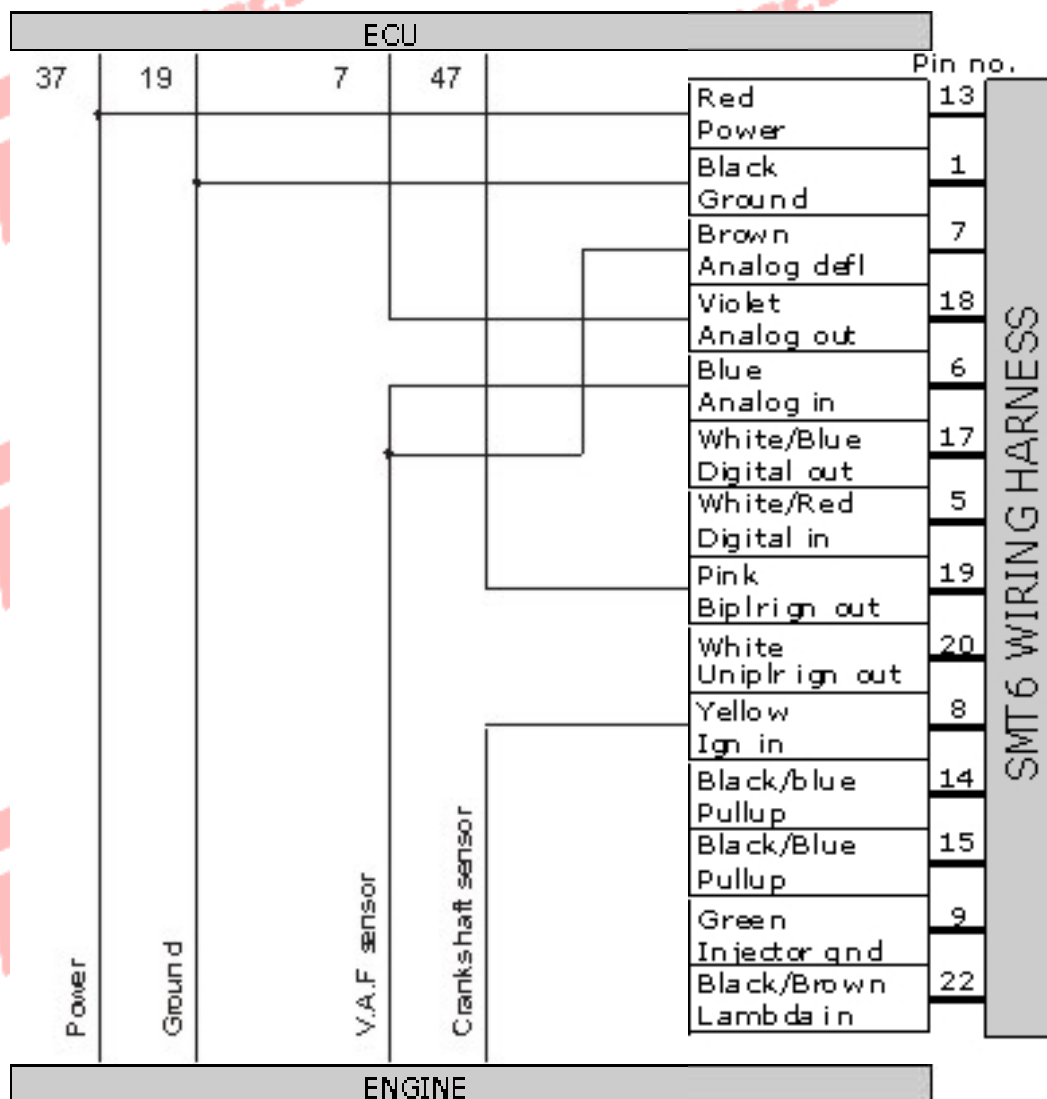
Click [here](#) to return to BMW Menu.

ECU Pin Out

Wire side



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



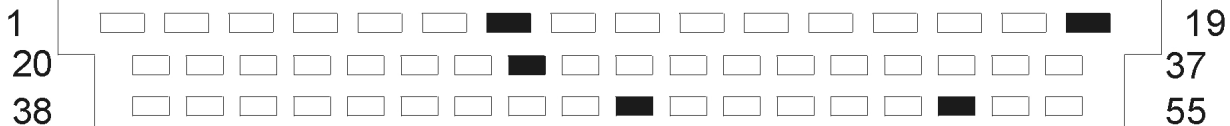
ECU make: Bosch Motronic M1.1/1.3
 Model: 320i (E30)
 Year: 1986-93
 Comments:
 ECU Location:

Vehicle make: BMW

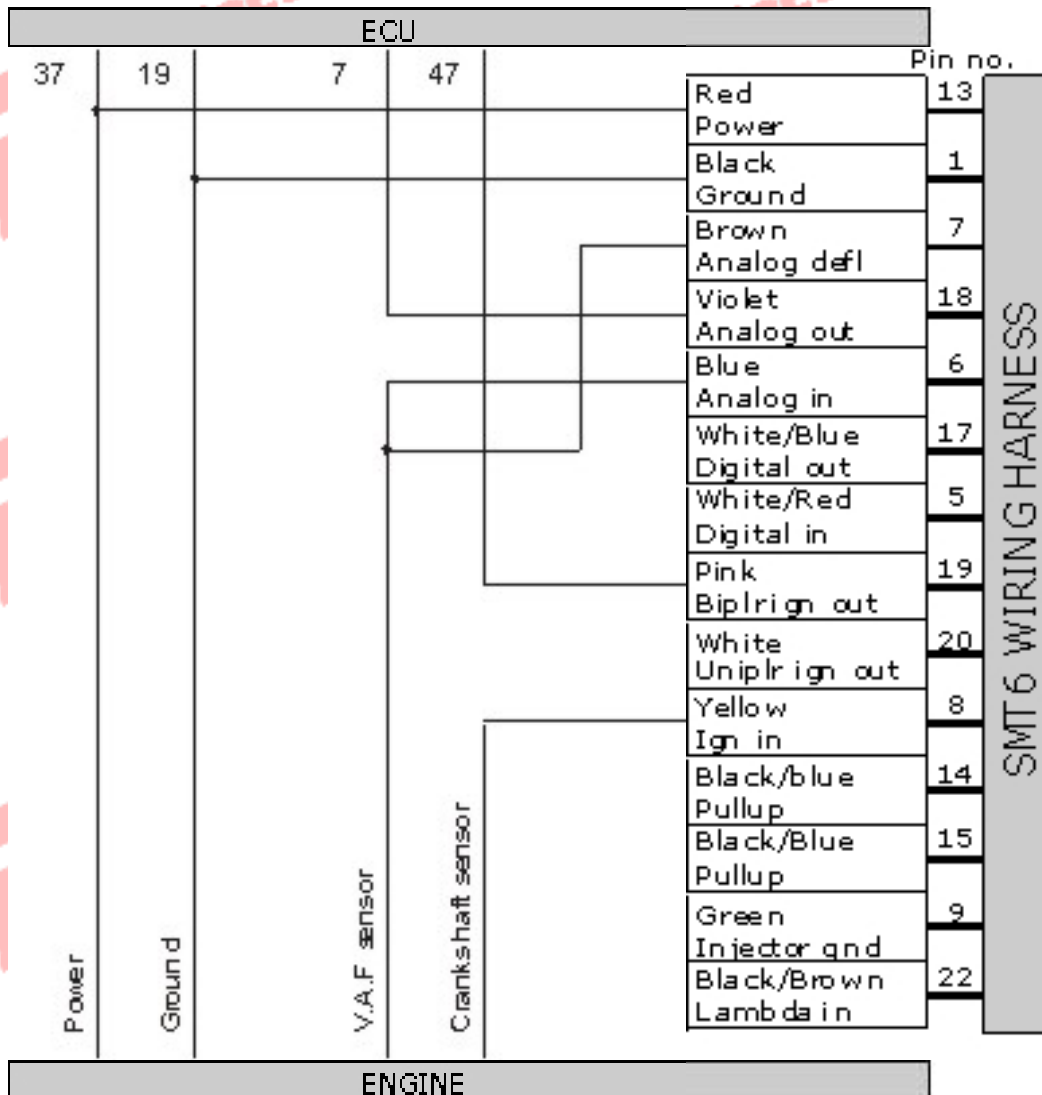
Click [here](#) to return to BMW Menu.

ECU Pin Out

Wire side



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



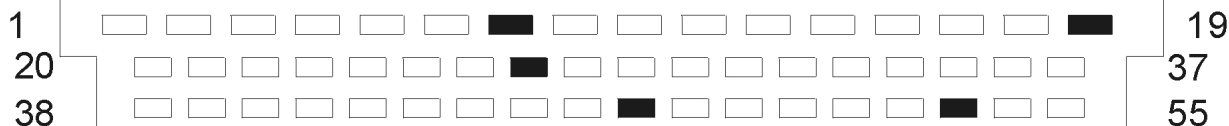
ECU make: Bosch Motronic M1.1/1.3
 Model: 325i/325e (E30)
 Year: 1985-93
 Comments:
 ECU Location:

Vehicle make: BMW

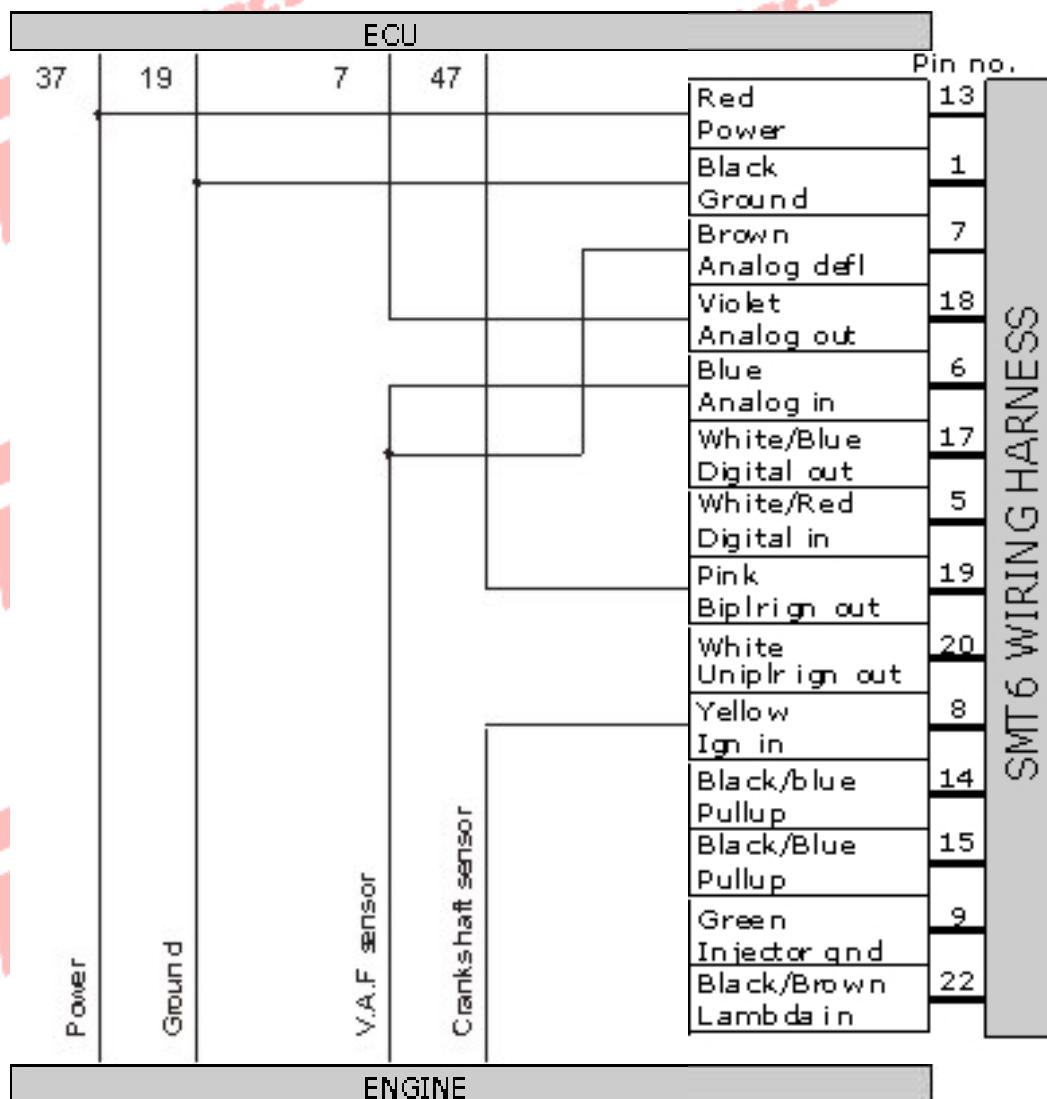
Click [here](#) to return to BMW Menu.

ECU Pin Out

Wire side



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

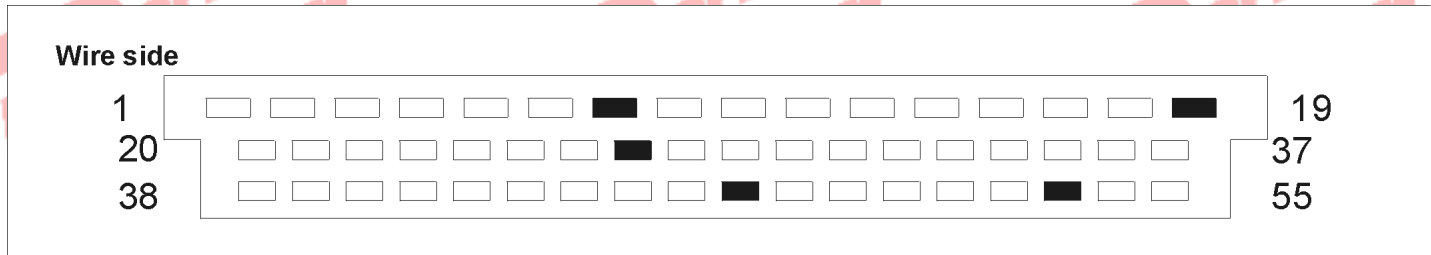


ECU make: Bosch Motronic M1.1/1.3
 Model: 318i (E36)
 Year: 1991-93
 Comments:
 ECU Location:

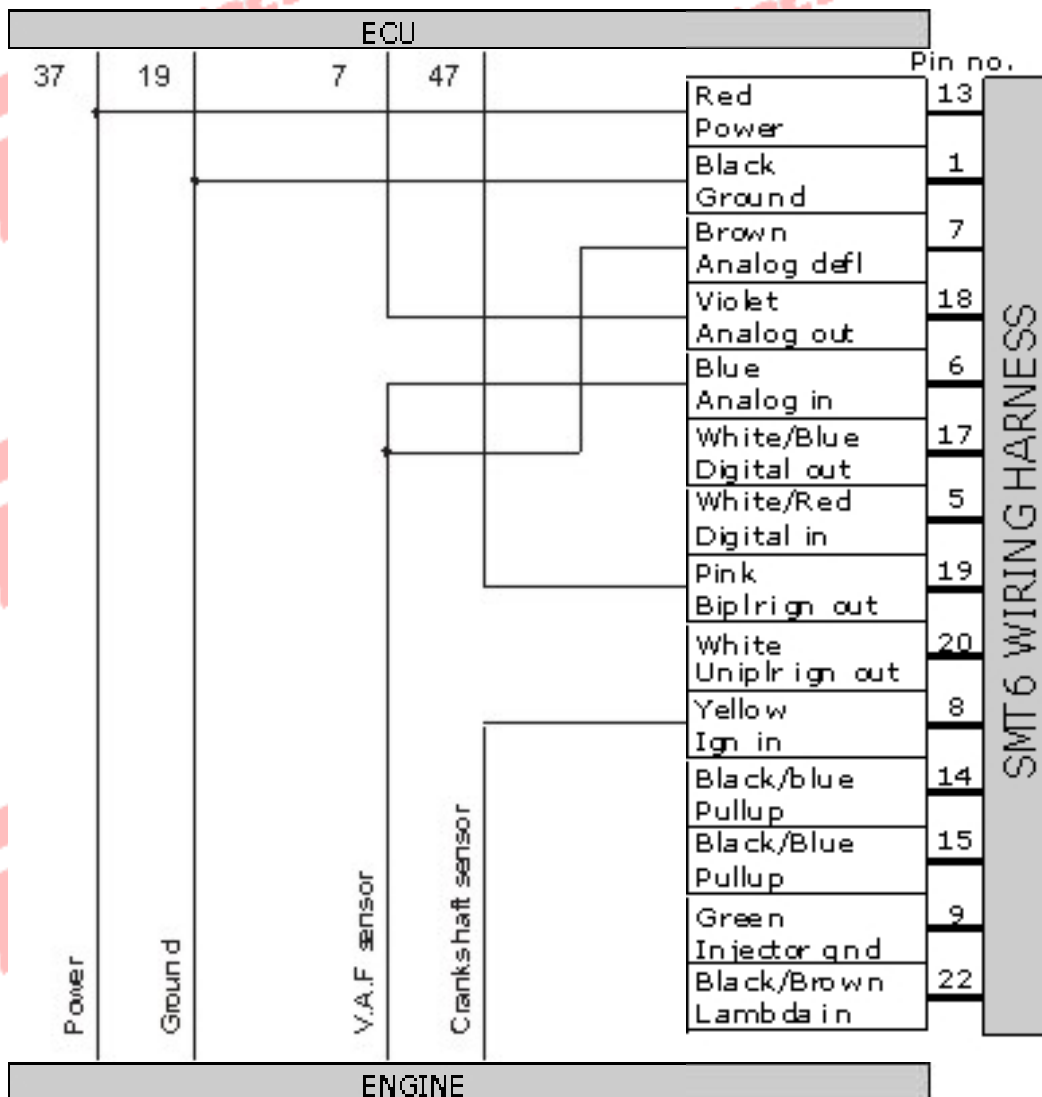
Vehicle make: BMW

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

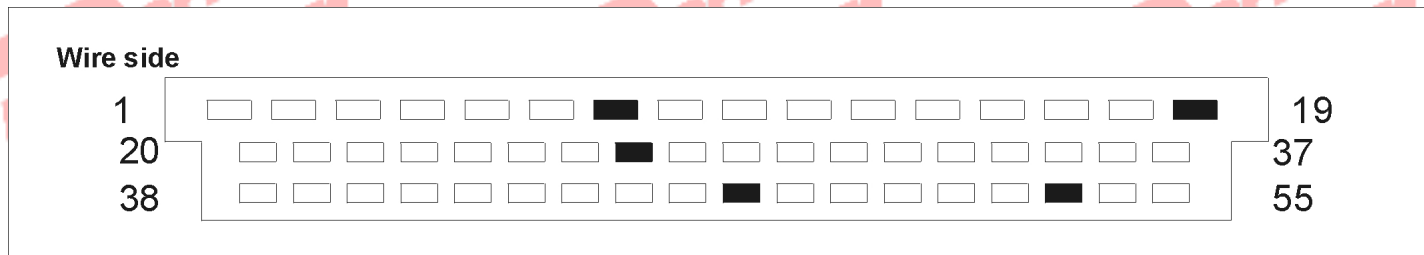


ECU make: Bosch Motronic M1.1/1.3
 Model: 518i (E34)
 Year: 1991-93
 Comments:
 ECU Location:

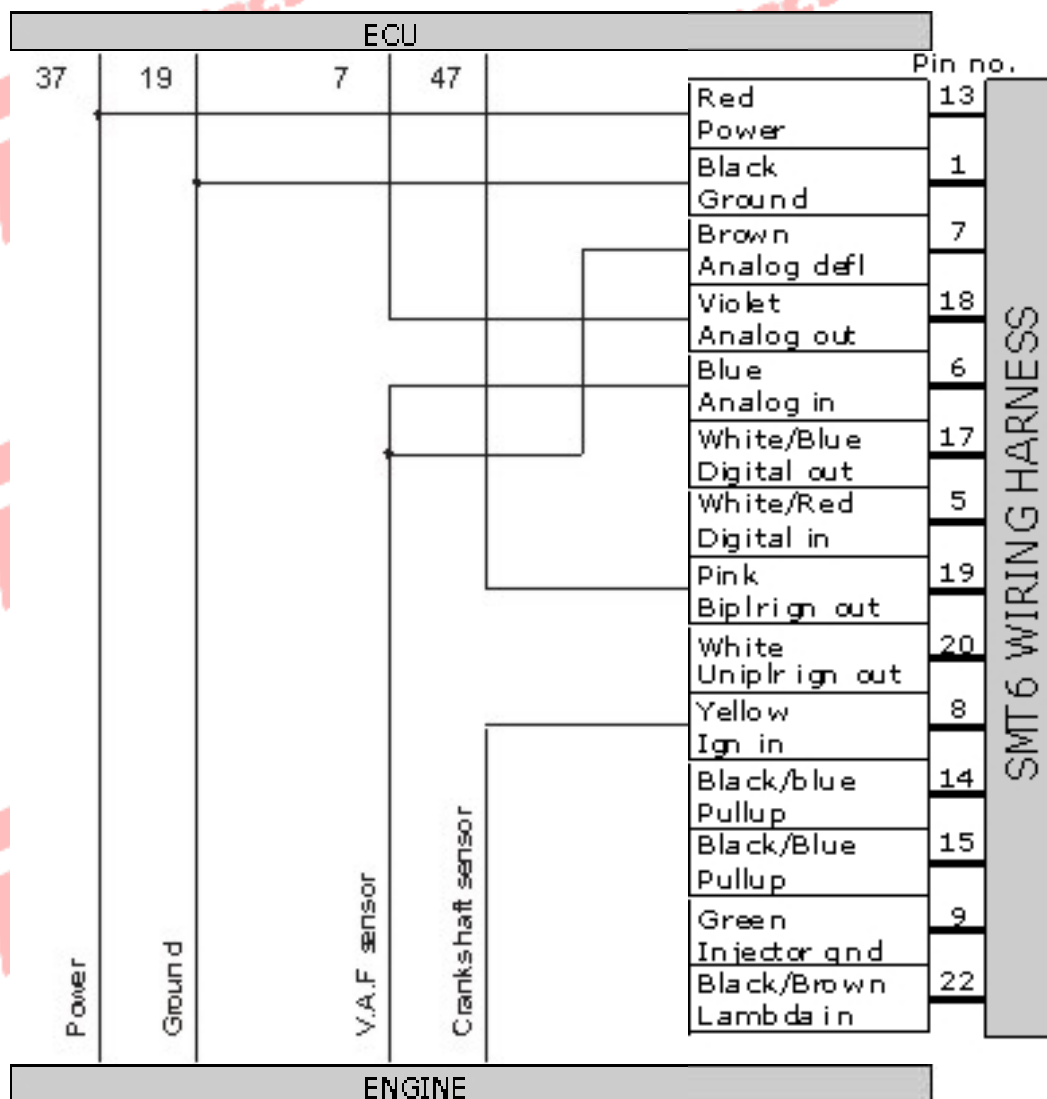
Vehicle make: BMW

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

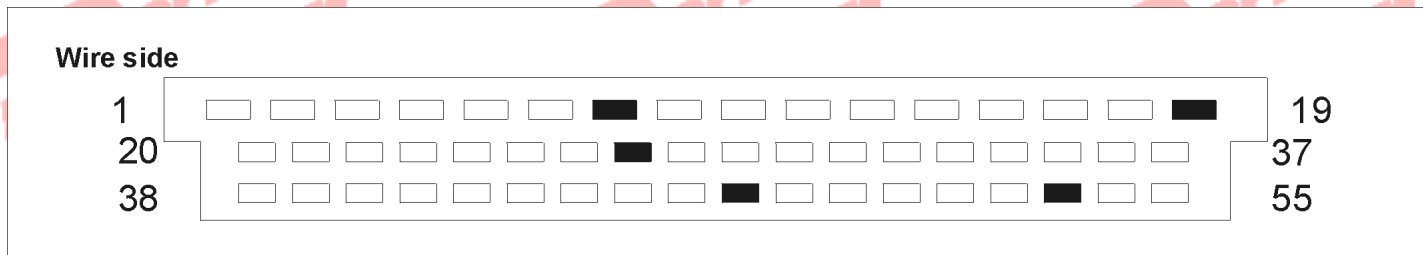


ECU make: Bosch Motronic M1.1/1.3
 Model: 520i (E34)
 Year: 1991-93
 Comments:
 ECU Location:

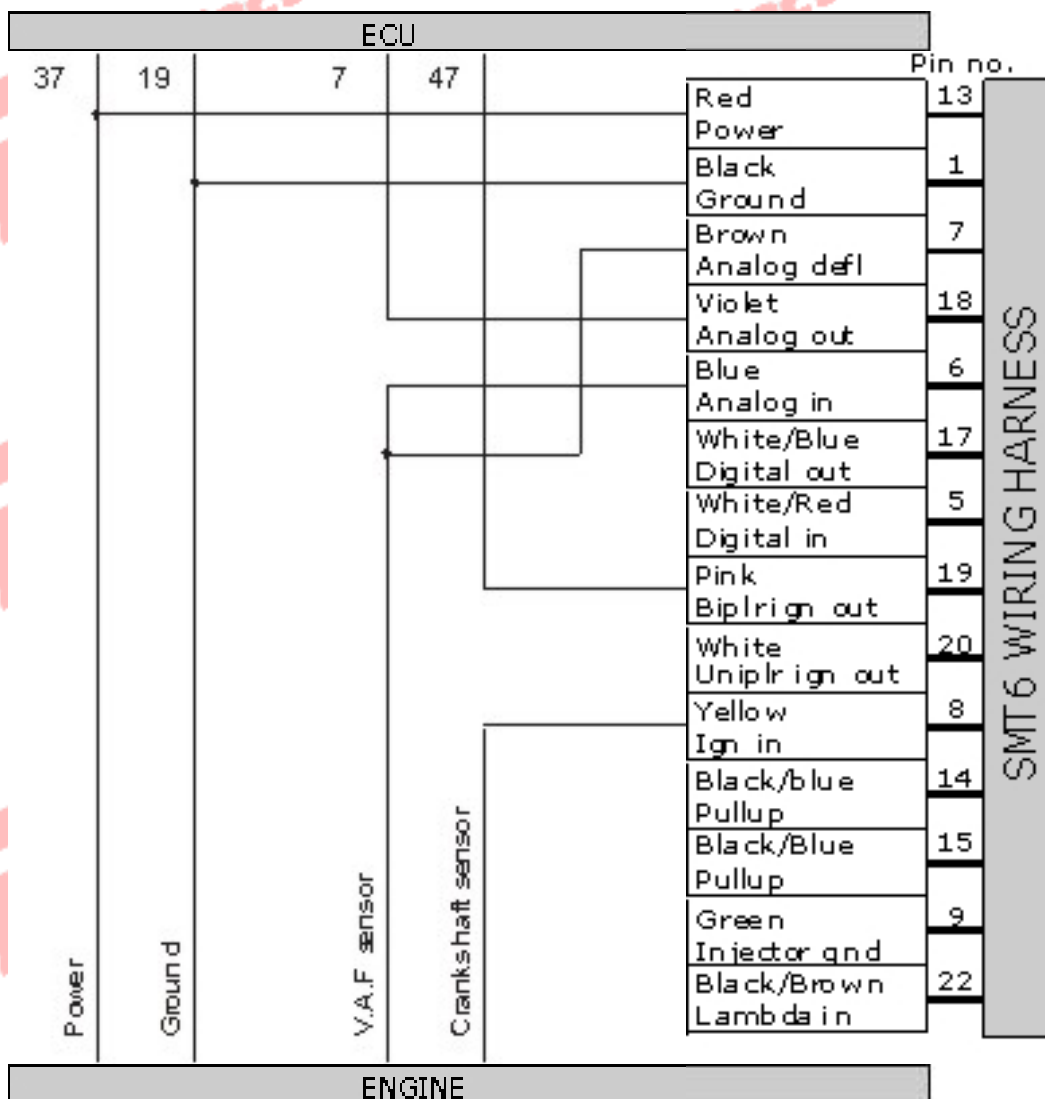
Vehicle make: BMW

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



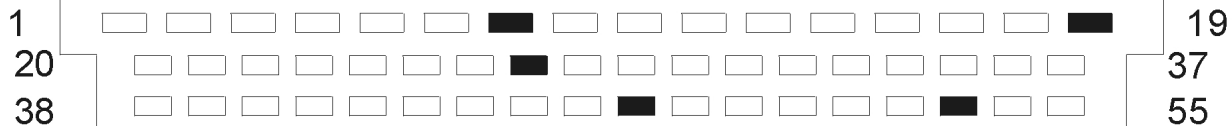
ECU make: Bosch Motronic M1.1/1.3
 Model: 525i (E34)
 Year: 1988-93
 Comments:
 ECU Location:

Vehicle make: BMW

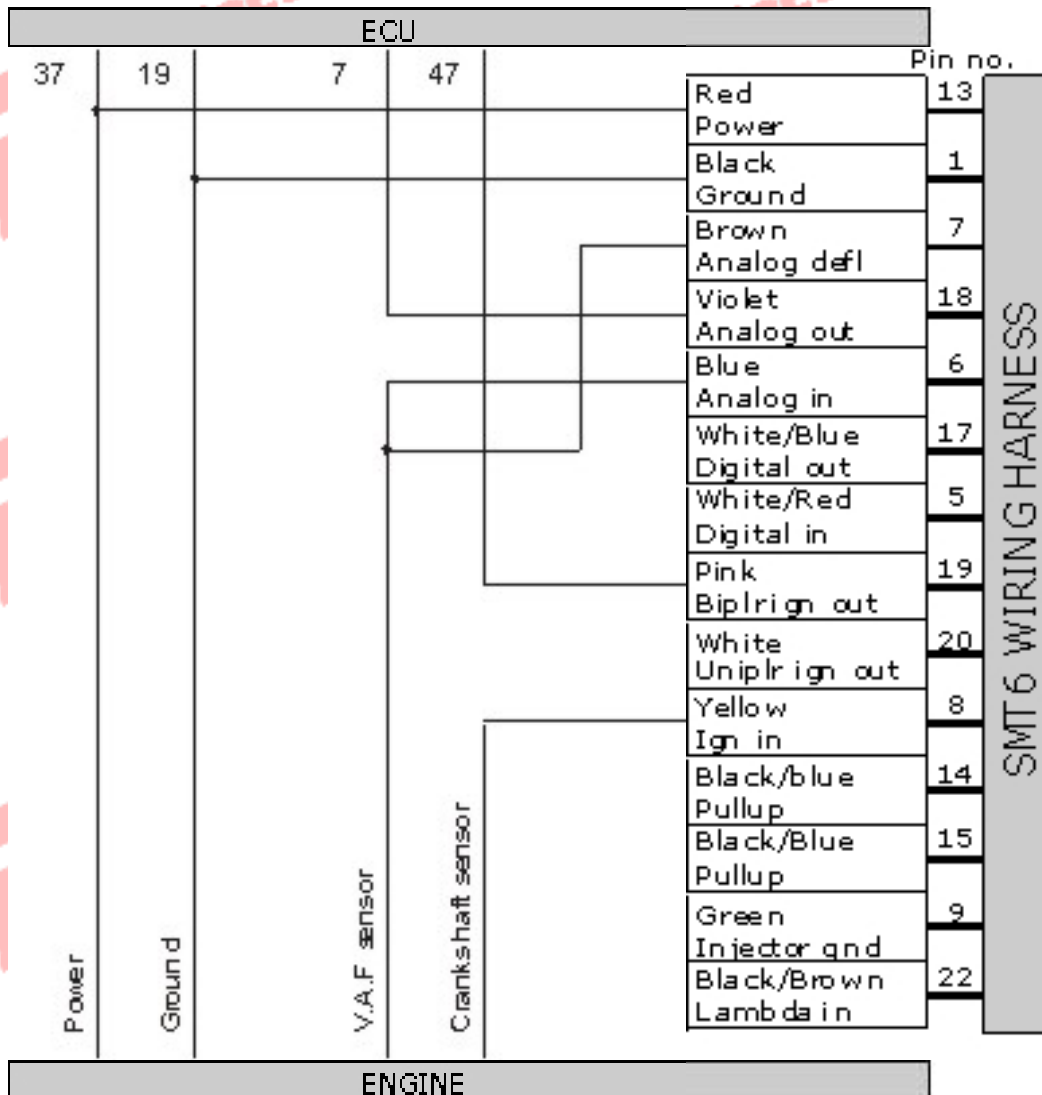
Click [here](#) to return to BMW Menu.

ECU Pin Out

Wire side



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

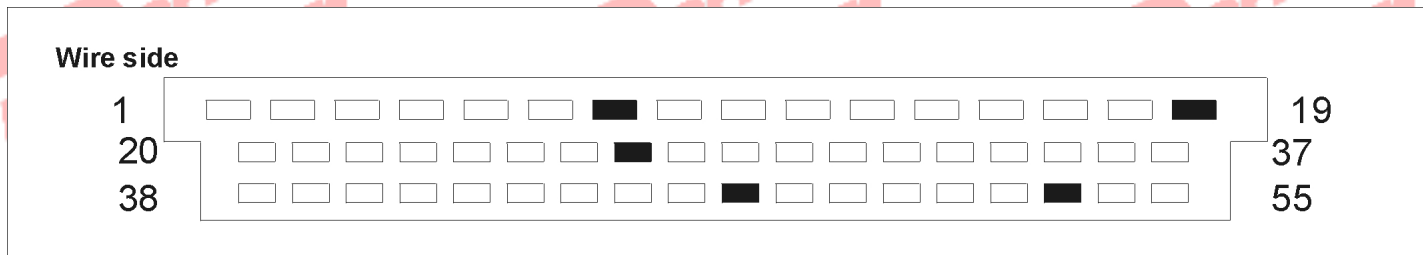


ECU make: Bosch Motronic M1.1/1.3
 Model: 530i (E34)
 Year: 1988-93
 Comments:
 ECU Location:

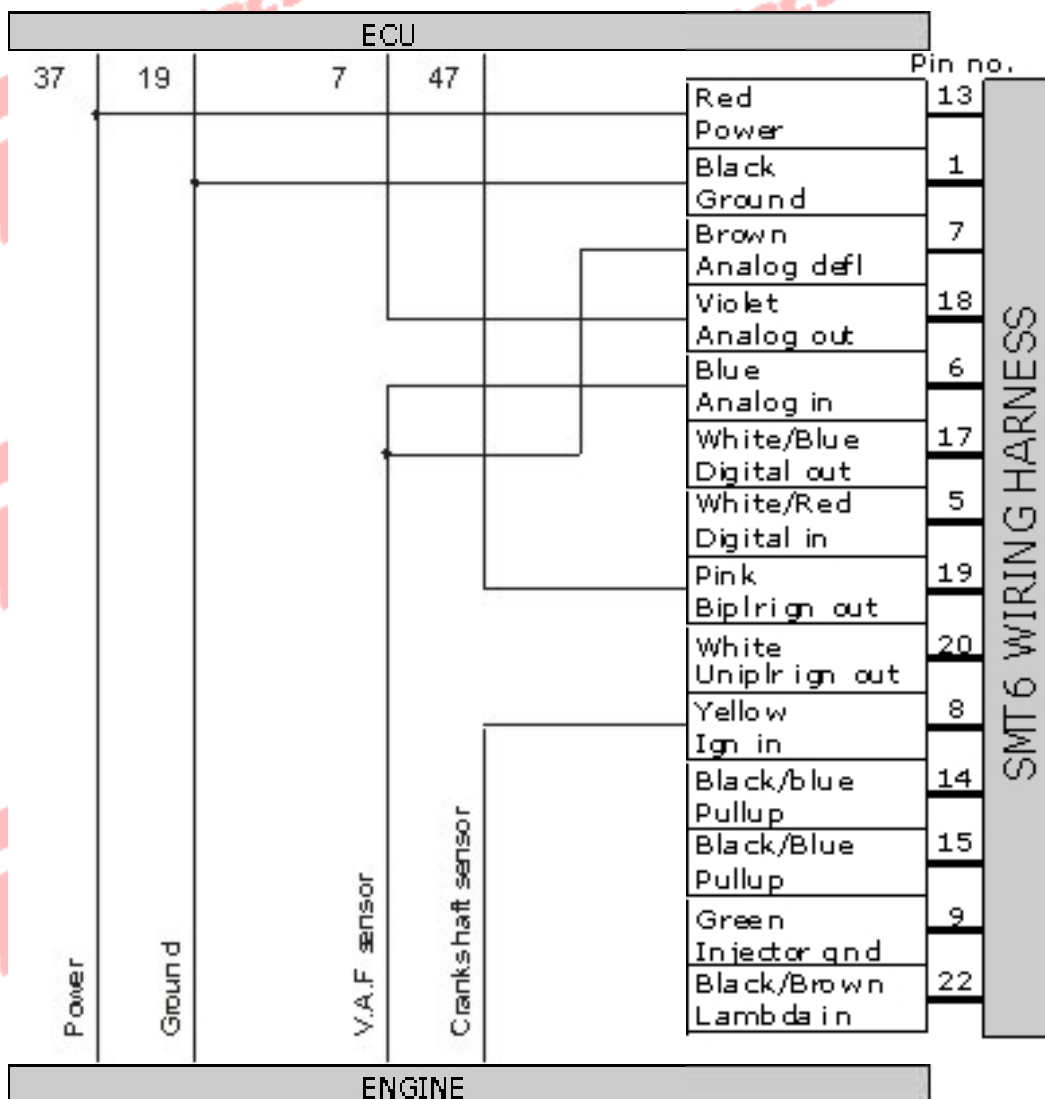
Vehicle make: BMW

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



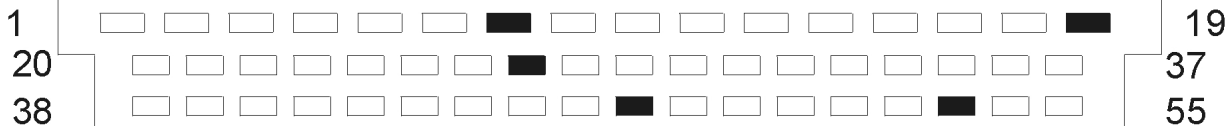
ECU make: Bosch Motronic M1.1/1.3
 Model: 535i (E34)
 Year: 1988-93
 Comments:
 ECU Location:

Vehicle make: BMW

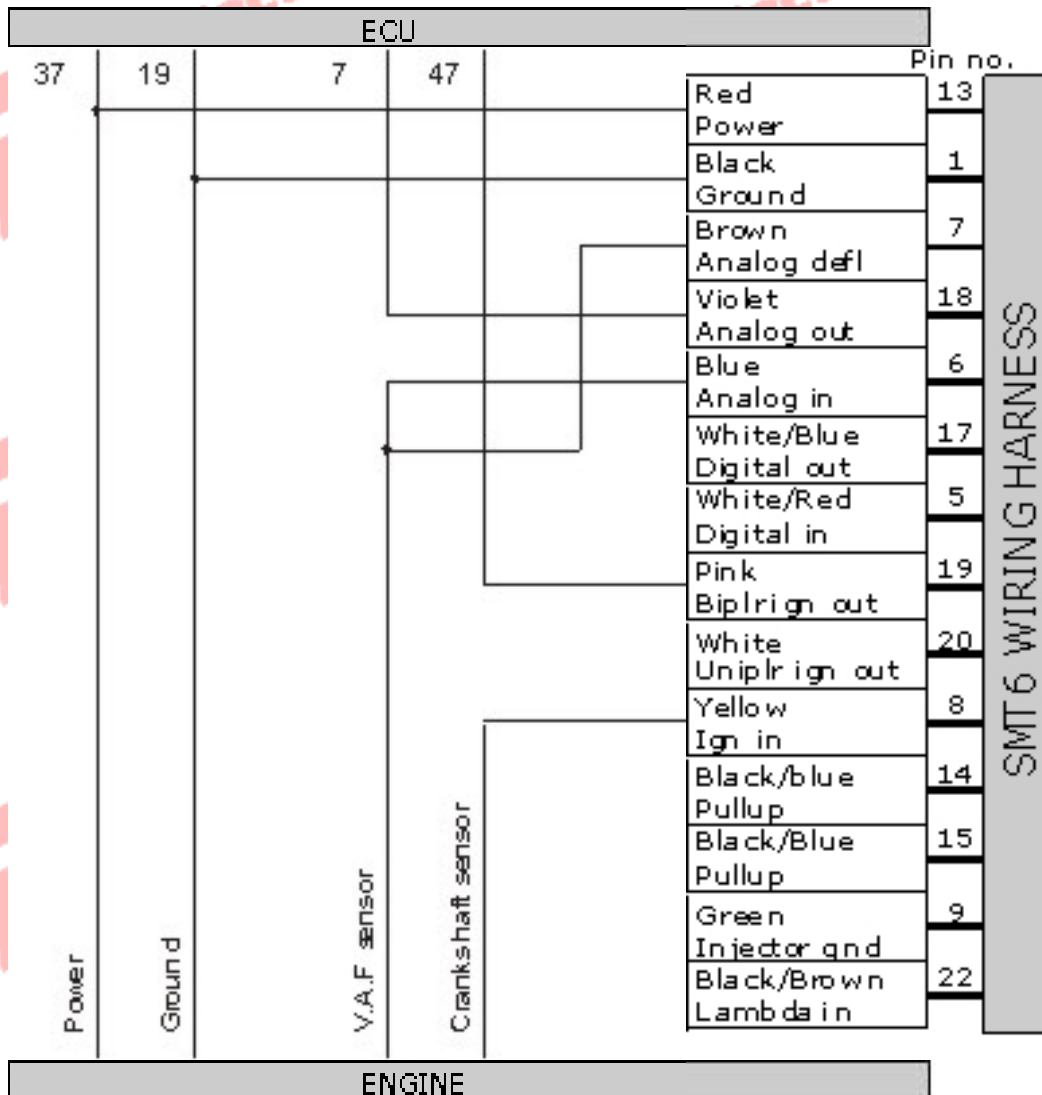
Click [here](#) to return to BMW Menu.

ECU Pin Out

Wire side



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



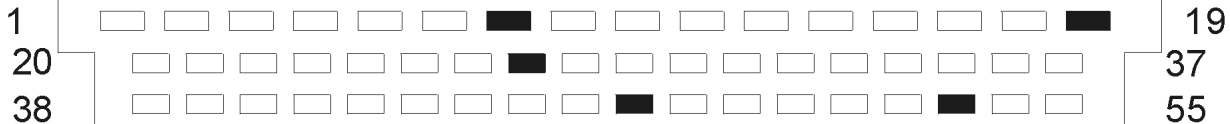
ECU make: Bosch Motronic M1.1/1.3
 Model: 730i (E32)
 Year: 1986-92
 Comments:
 ECU Location:

Vehicle make: BMW

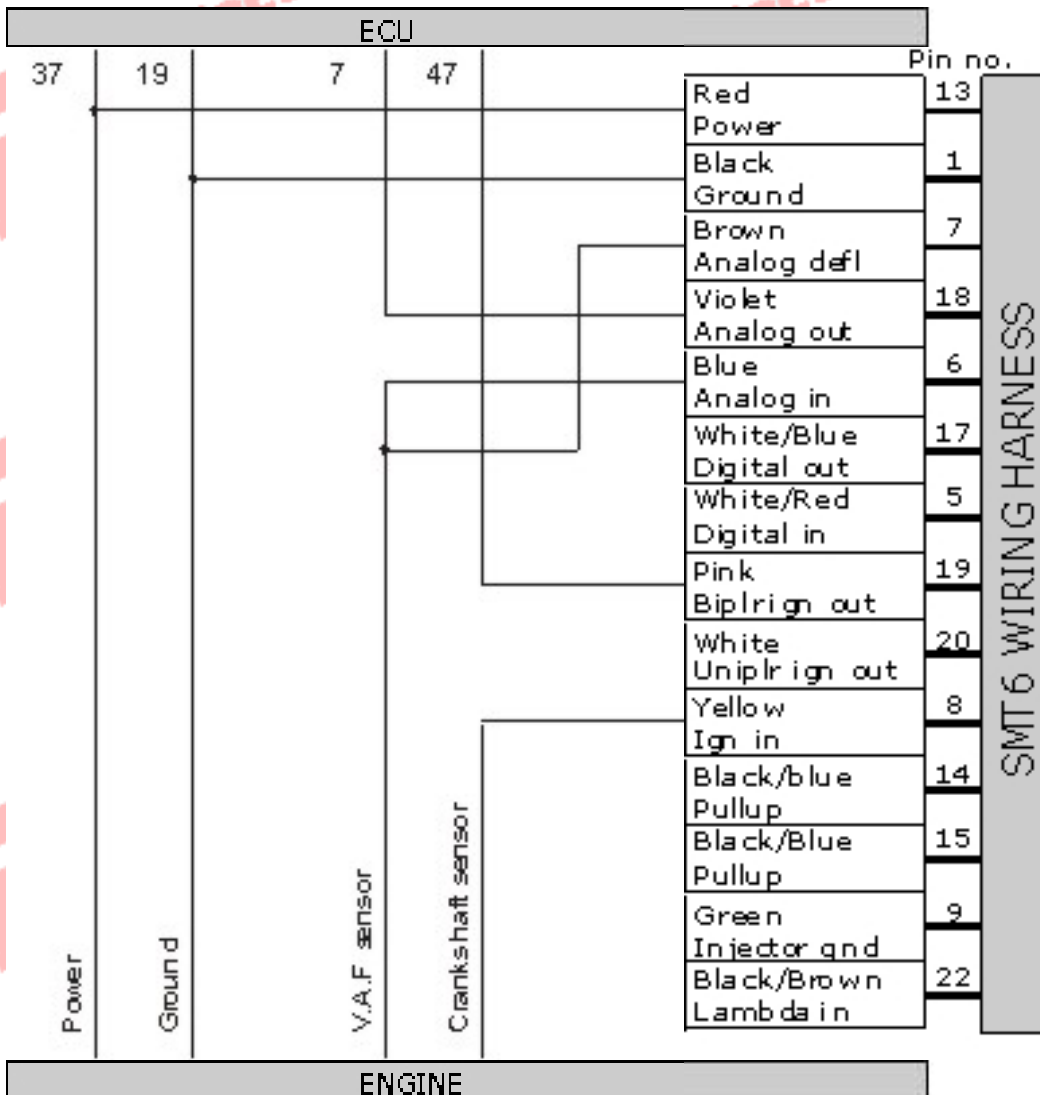
Click [here](#) to return to BMW Menu.

ECU Pin Out

Wire side



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



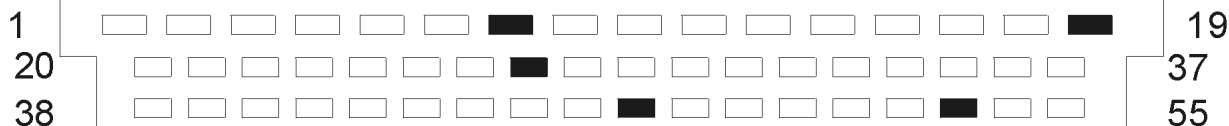
ECU make: Bosch Motronic M1.1/1.3
 Model: 735i (E32)
 Year: 1986-92
 Comments:
 ECU Location:

Vehicle make: BMW

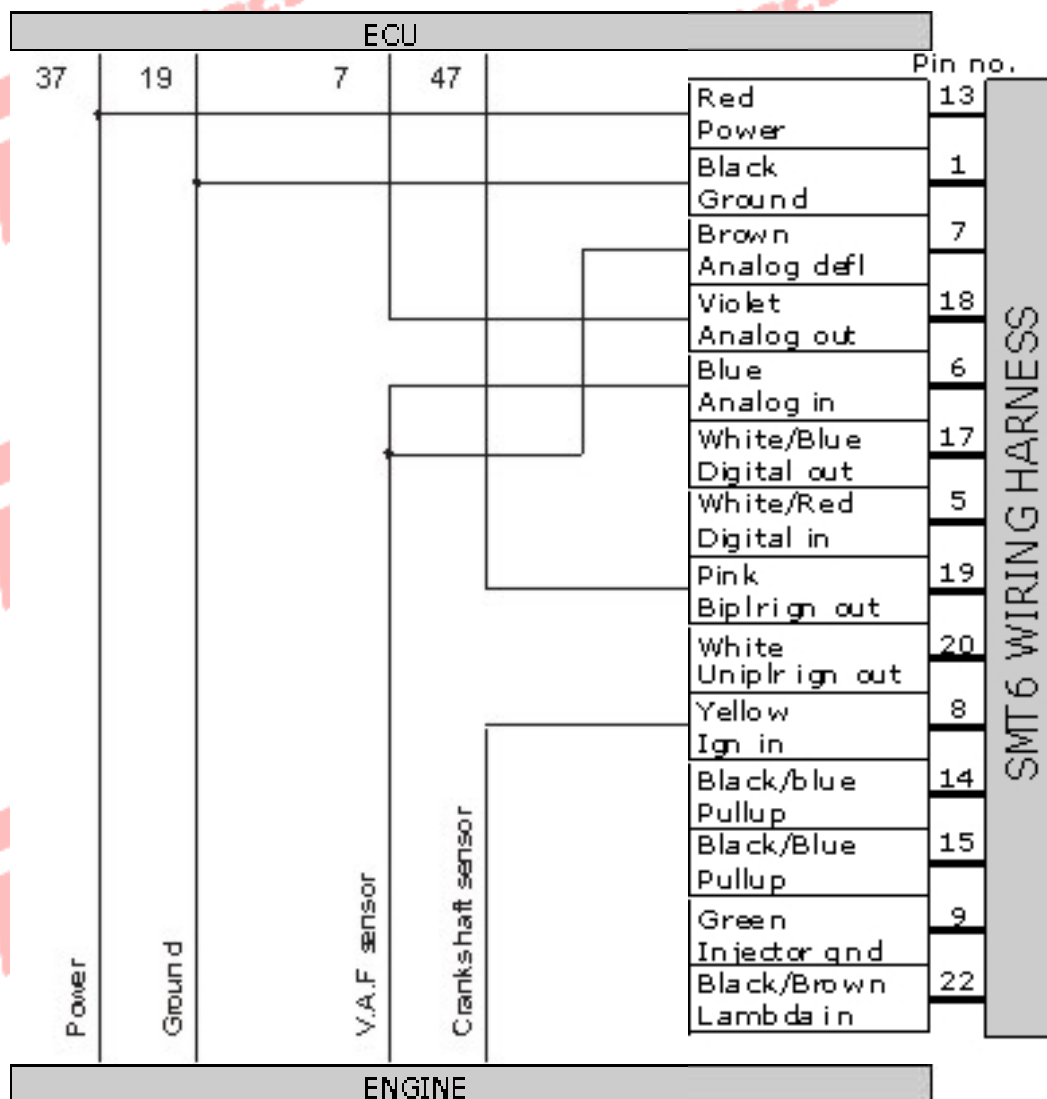
Click [here](#) to return to BMW Menu.

ECU Pin Out

Wire side



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.



1 28
29 55
56 88

file:///JEDI/Company%20Folders/Automotive_(PP)/WirDV2/WD_OutPut/BMW131.htm [2004/03/25 08:37:35]

Perfect Power Wiring Diagram



ECU make:

Vehicle make: **BMW**

Model: 318iS with viscous fan

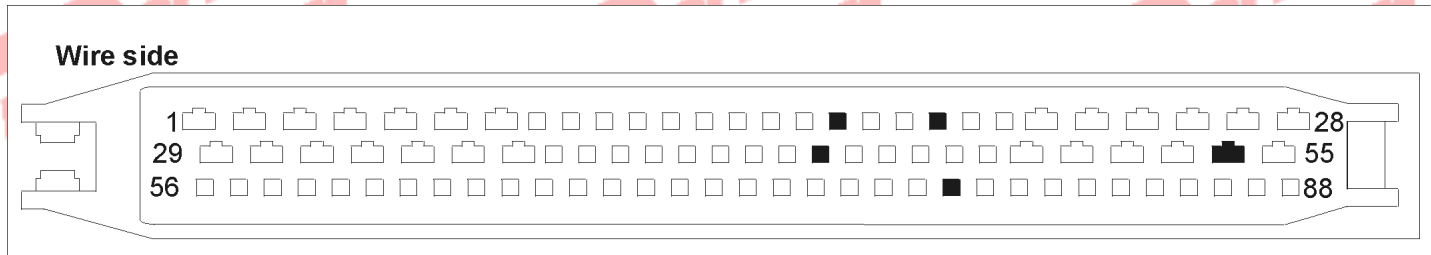
Year:

Comments:

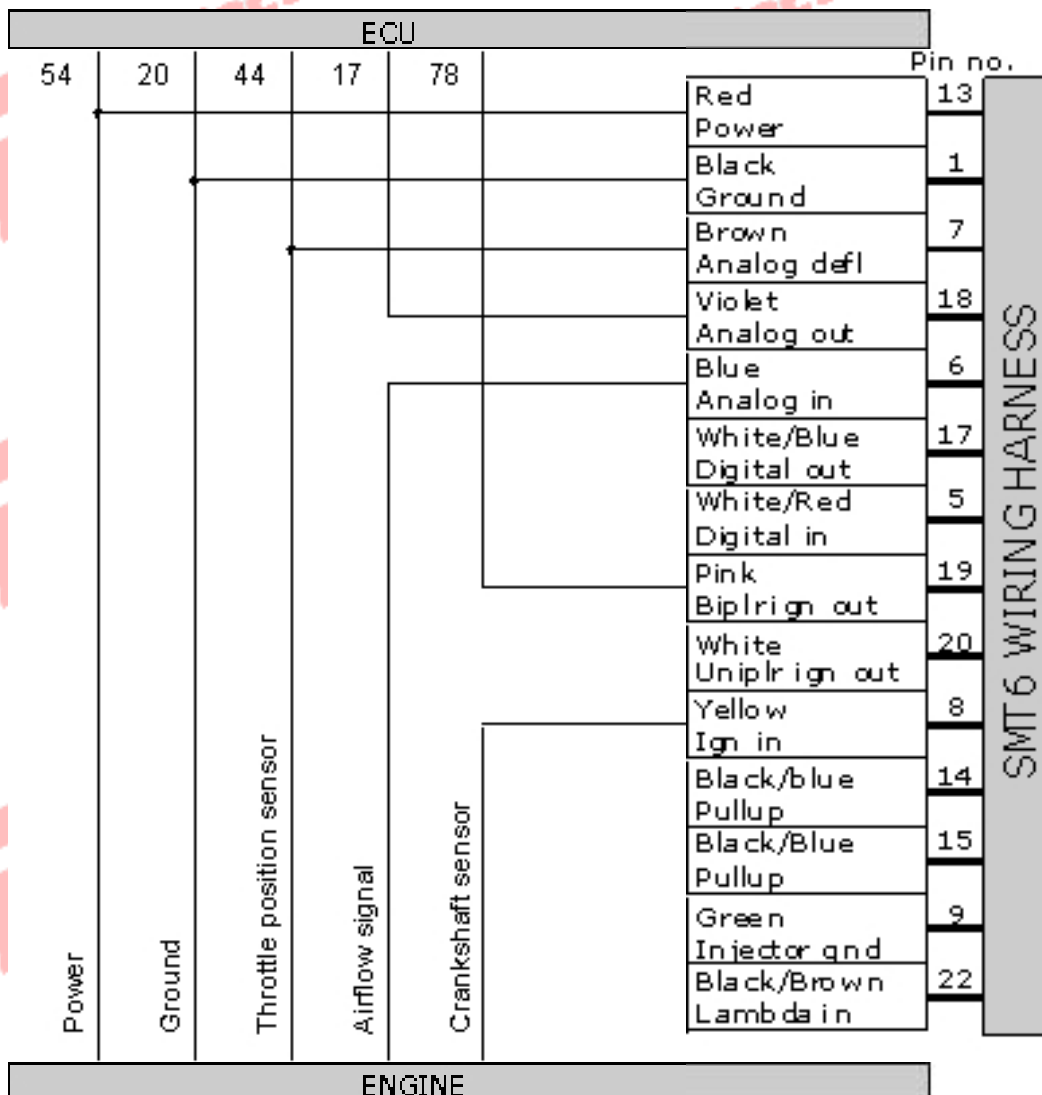
ECU Location: Left hand side of engine bay in wiper box

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:

Vehicle make: BMW

Model: 2.8L 24V

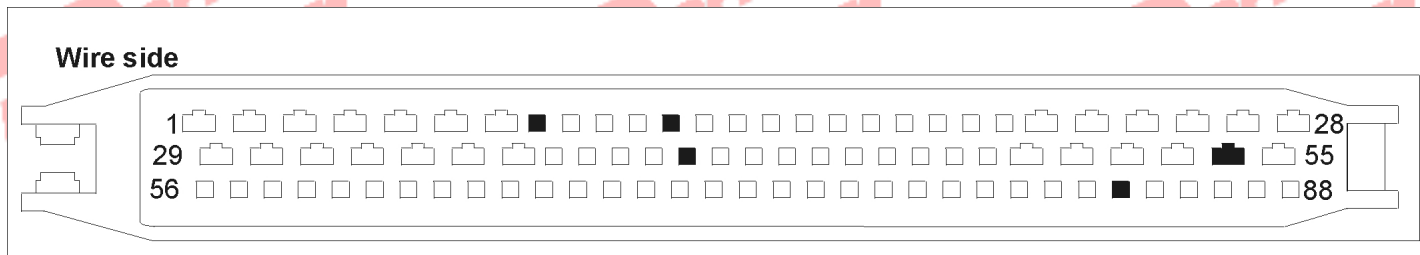
Year:

Comments:

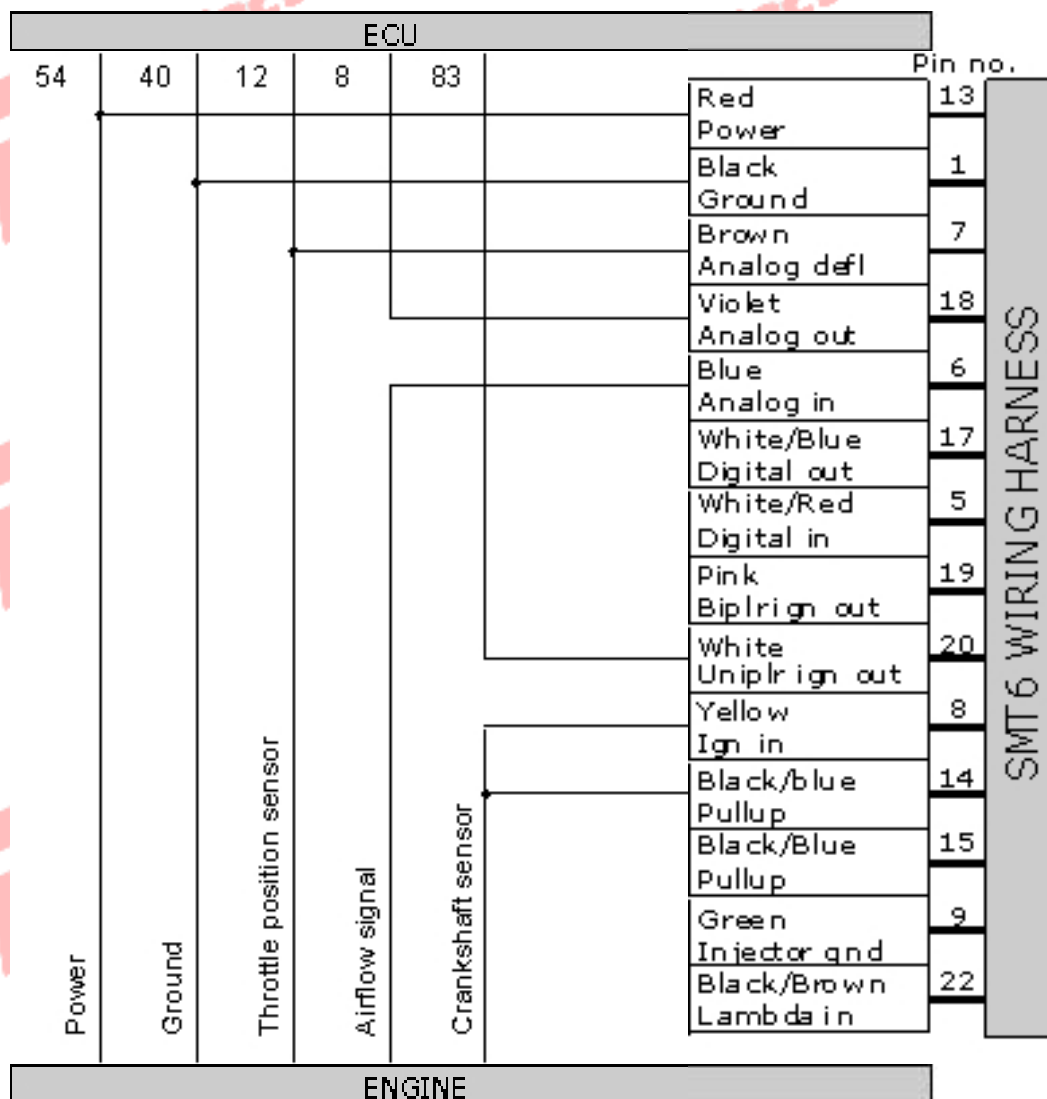
ECU Location: Left hand side engine bay inside wiper panel

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)

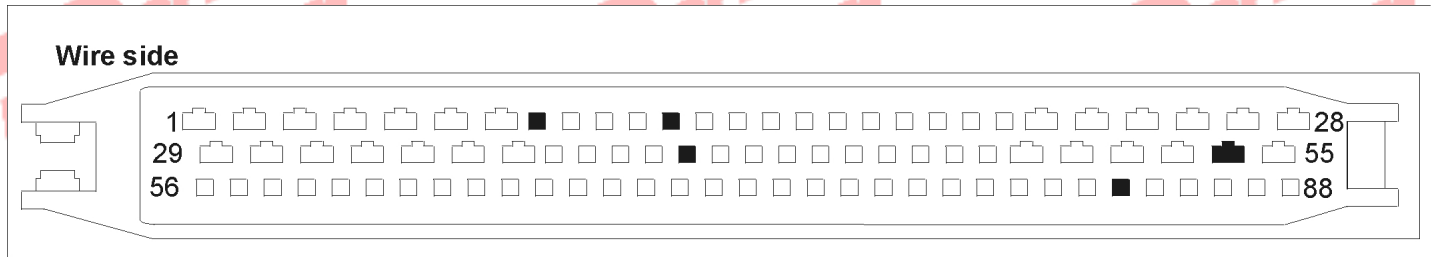
Year: 1994-99

Comments:

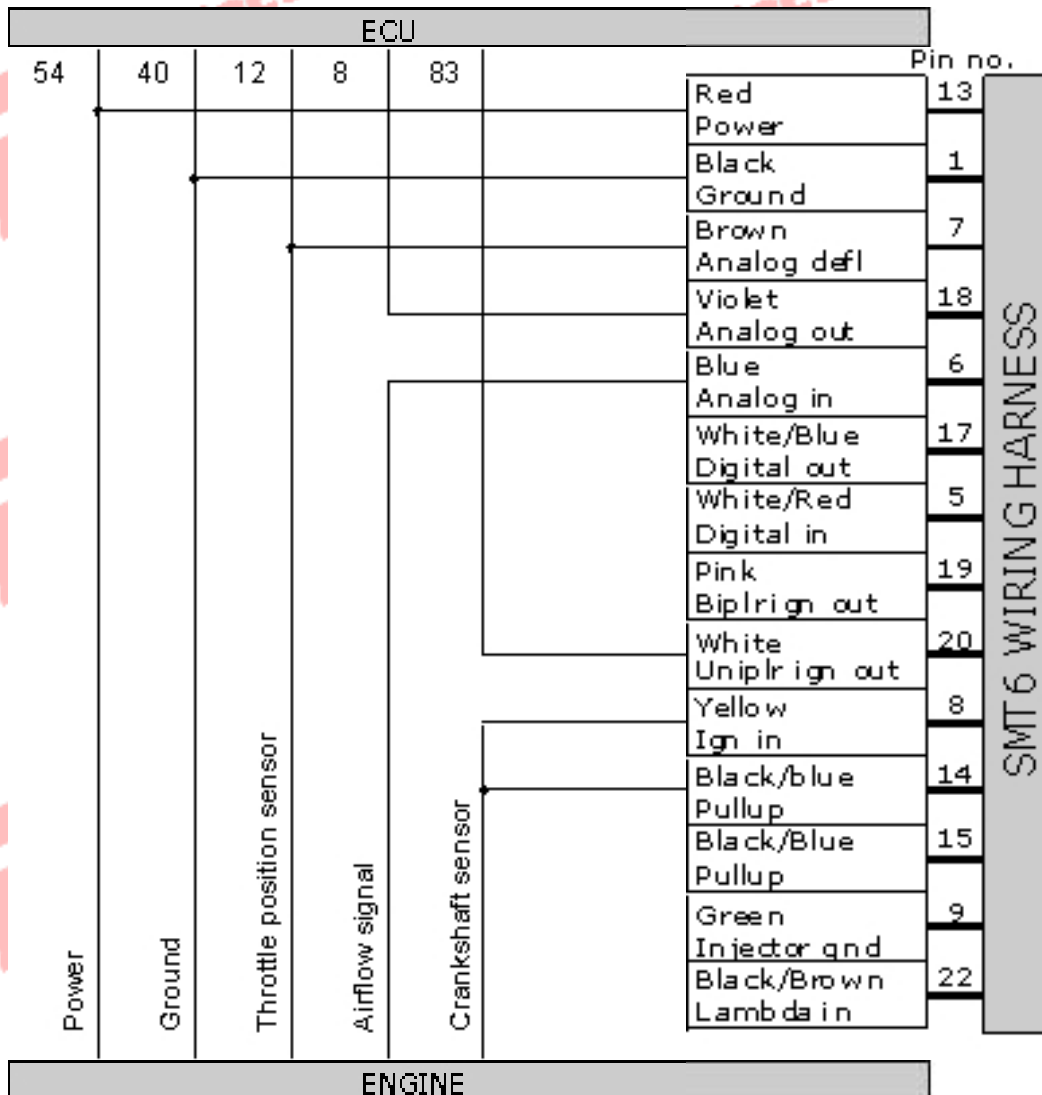
ECU Location:

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.

Perfect Power Wiring Diagram



ECU make: Siemens MS 41

Vehicle make: BMW

Model: 323i/Compact (E36) (25 6s 3)

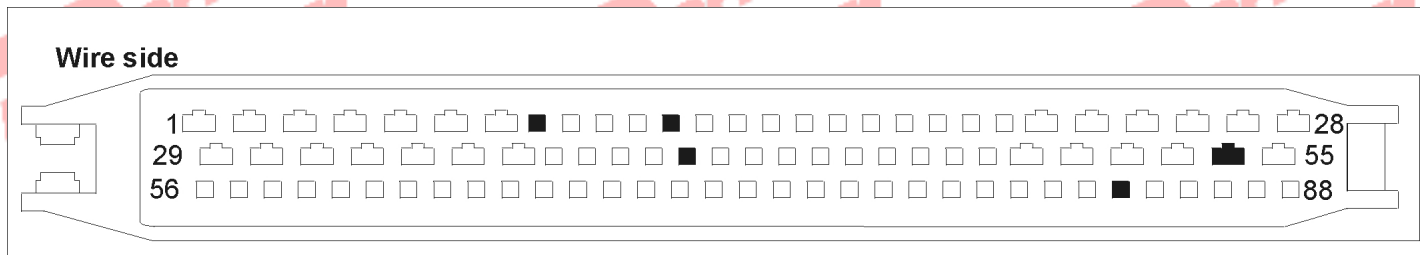
Year: 1995-00

Comments:

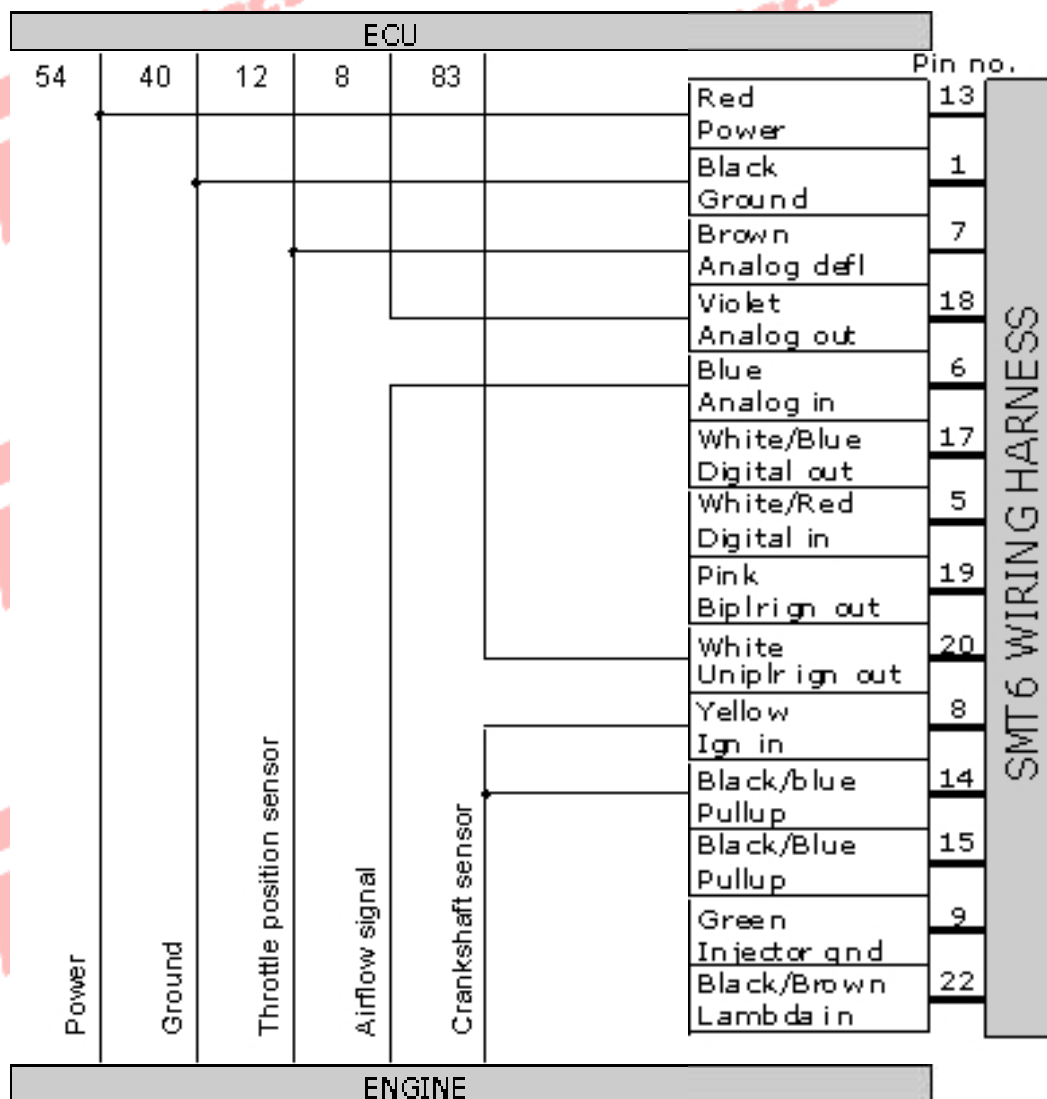
ECU Location:

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.

Perfect Power Wiring Diagram



ECU make: Siemens MS 41

Vehicle make: **BMW**

Model: 328i (E36) (28 6S 1)

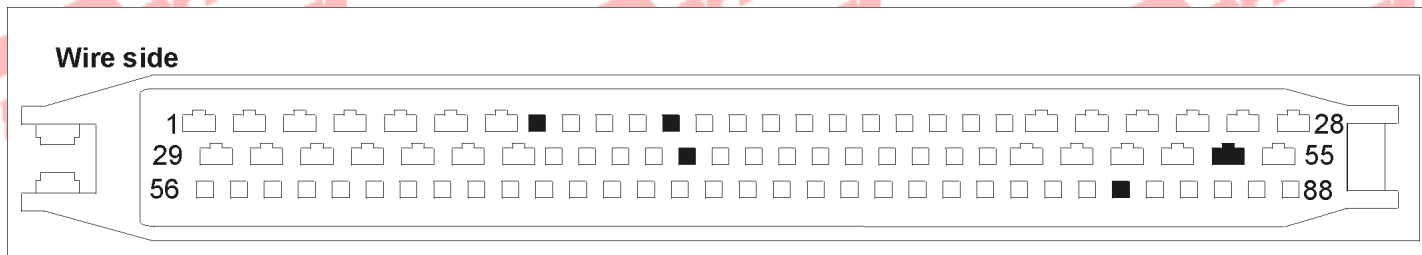
Year: 1995-99

Comments:

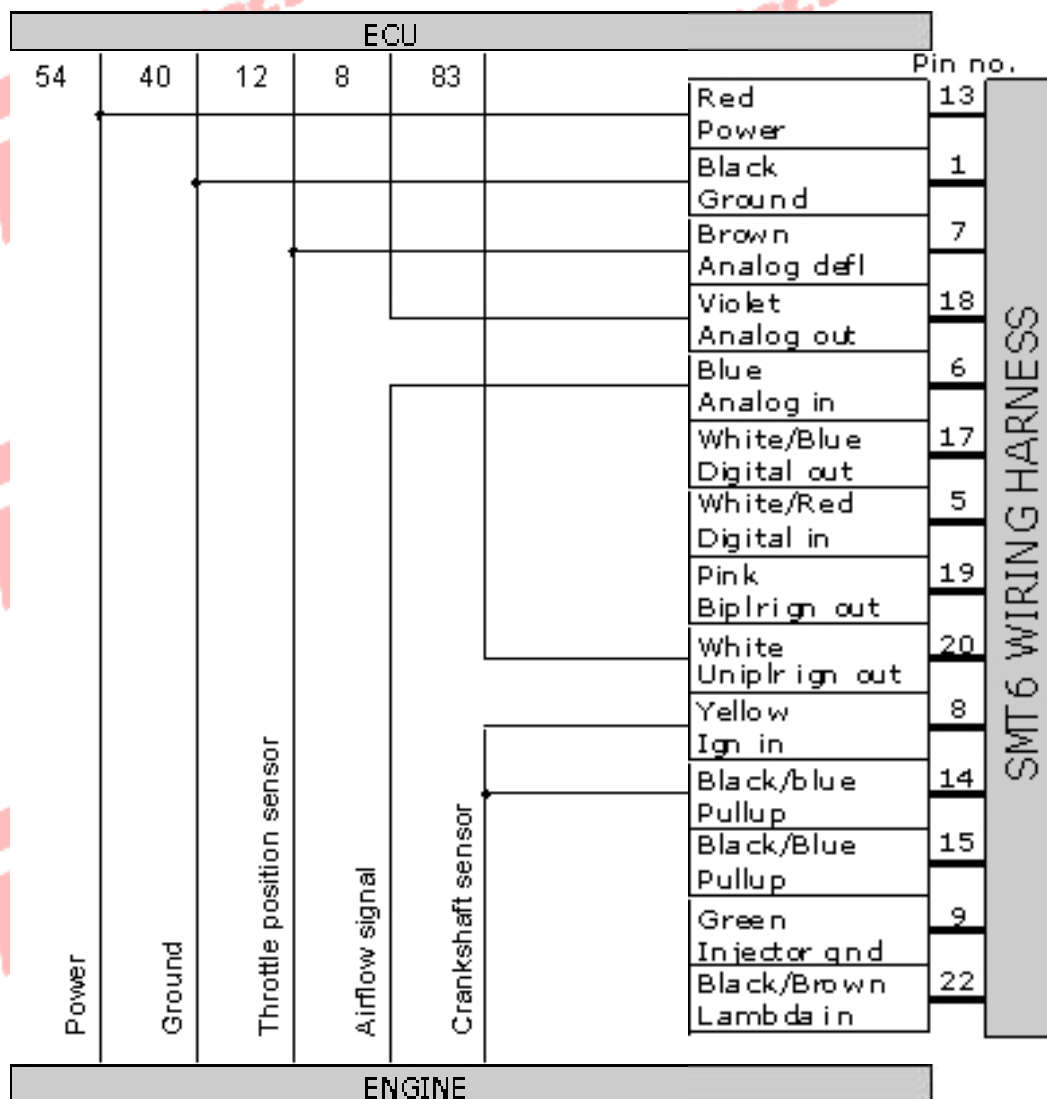
ECU Location:

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

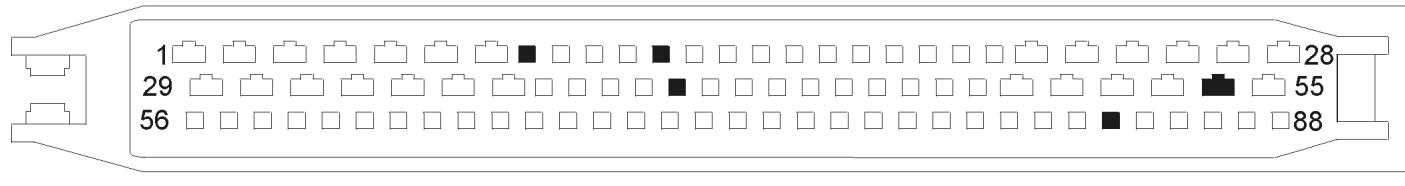
Comments:

ECU Location:

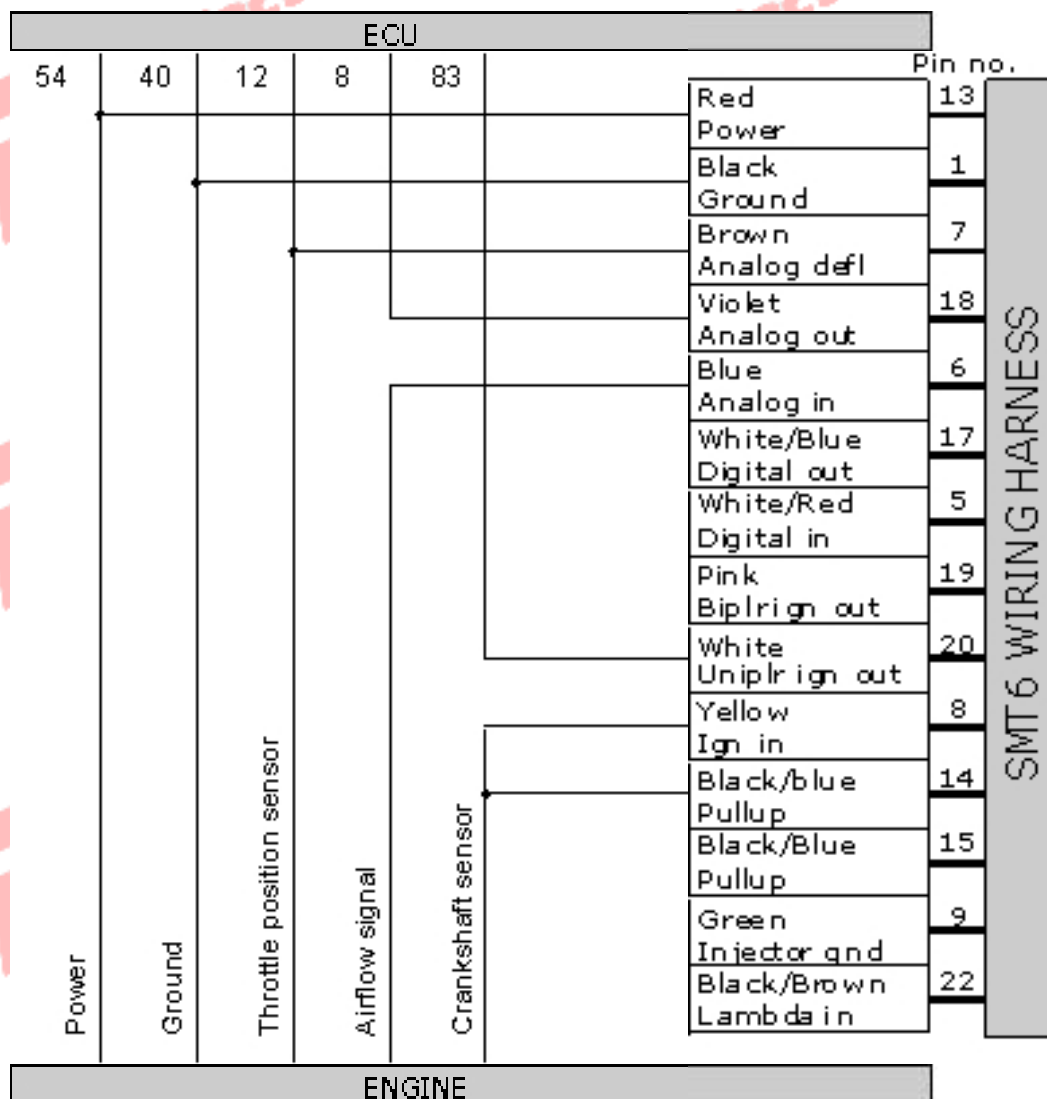
Click [here](#) to return to BMW Menu.

ECU Pin Out

Wire side



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

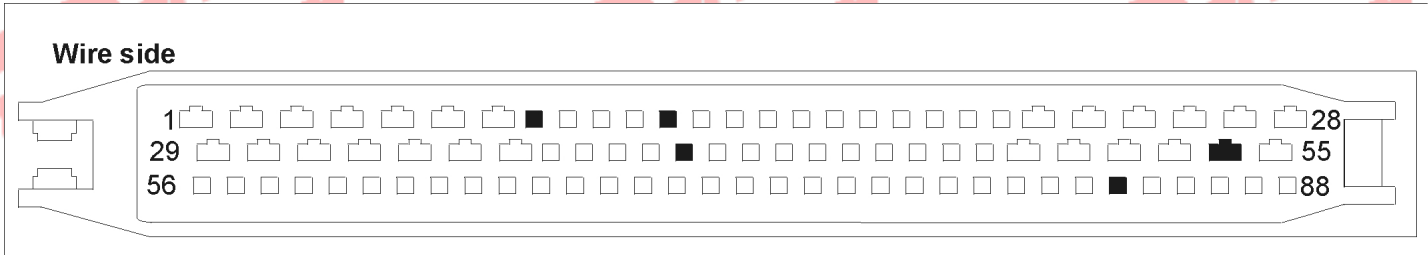


ECU make: Siemens MS 41
 Model: 528i (E39)
 Year: 1996-00
 Comments:
 ECU Location:

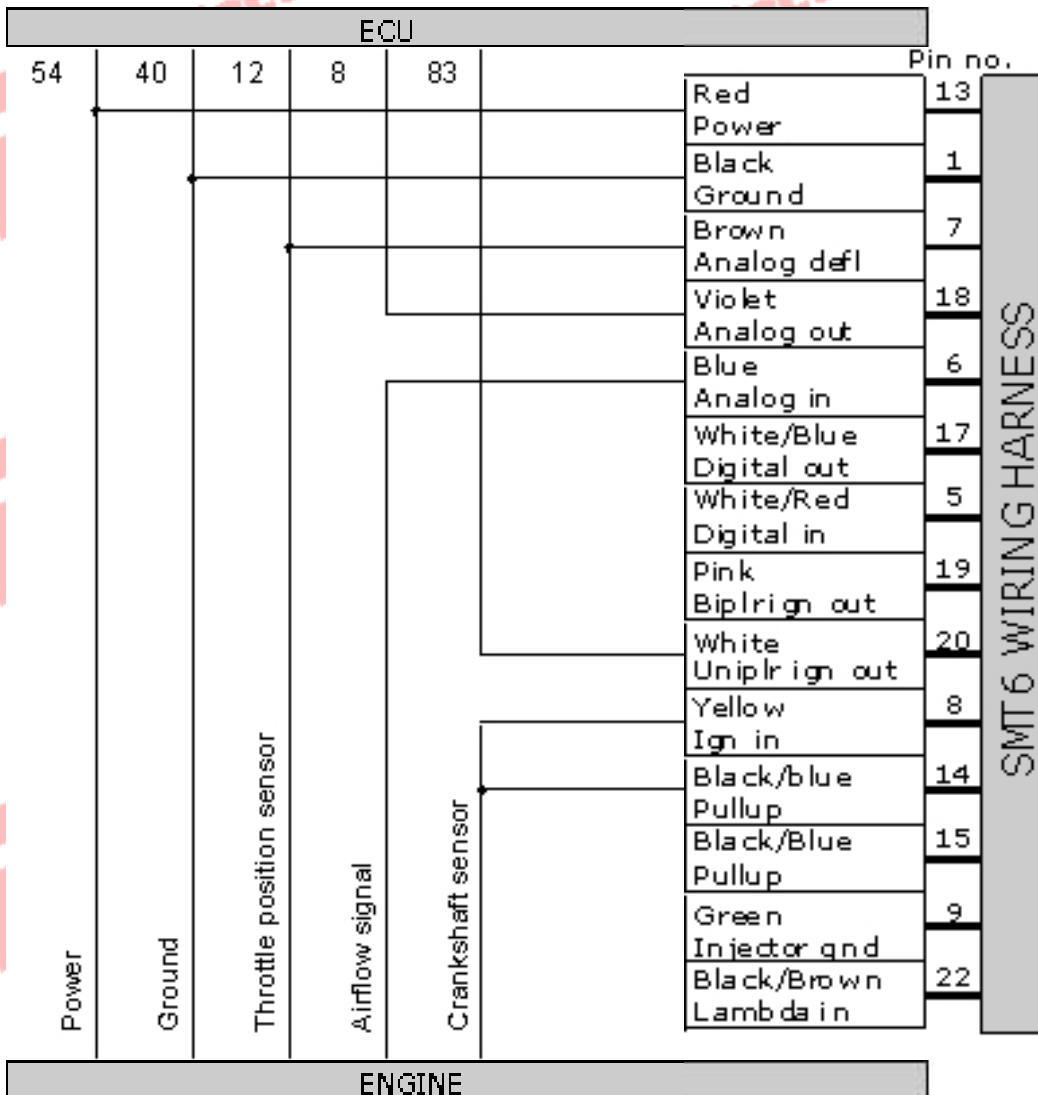
Vehicle make: BMW

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

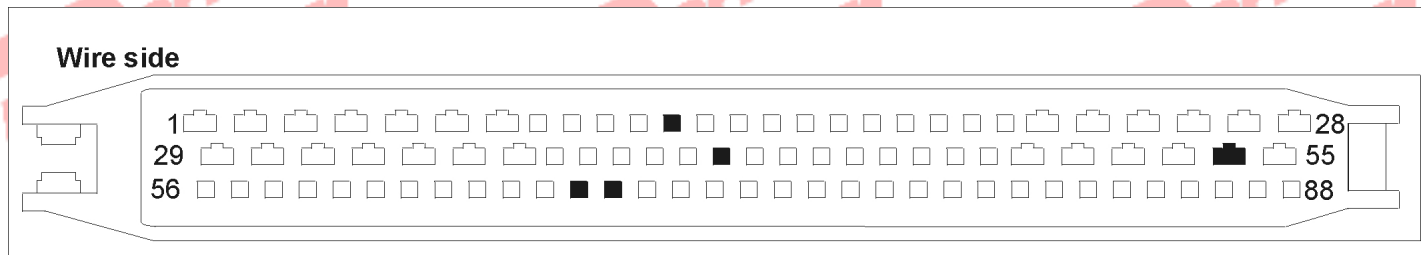


ECU make:
 Model: 316 M43 Timing chain
 Year:
 Comments:
 ECU Location: Engine bay left in wiper box

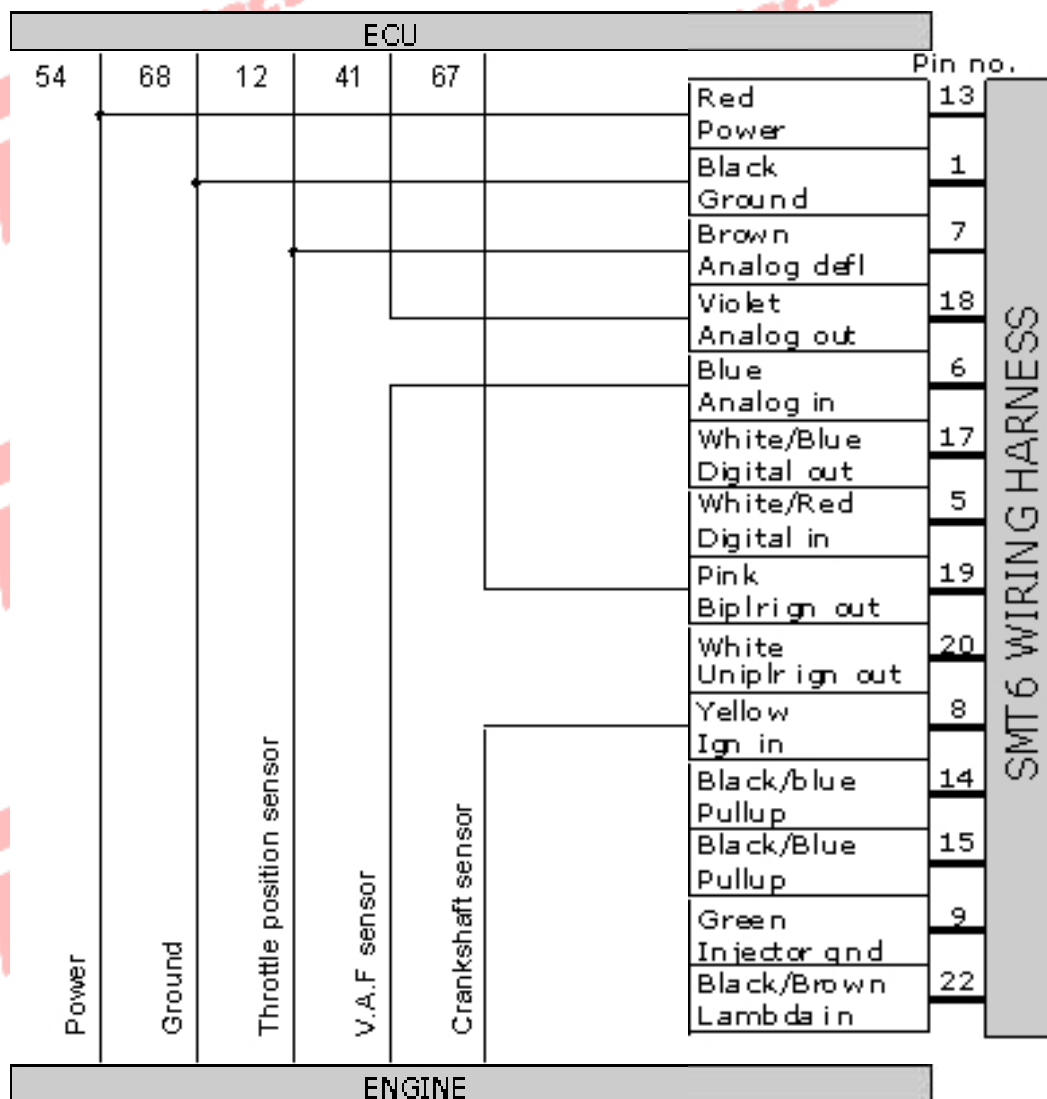
Vehicle make: BMW

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

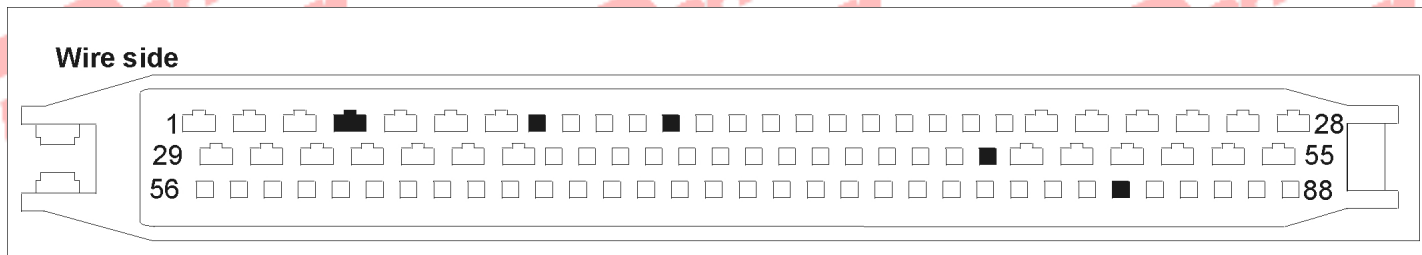


ECU make: Siemens MS 41
 Model: 520i 24V Vanos (E39)
 Year: 1996-99
 Comments: May not be able to do ignition modifications on this car
 ECU Location:

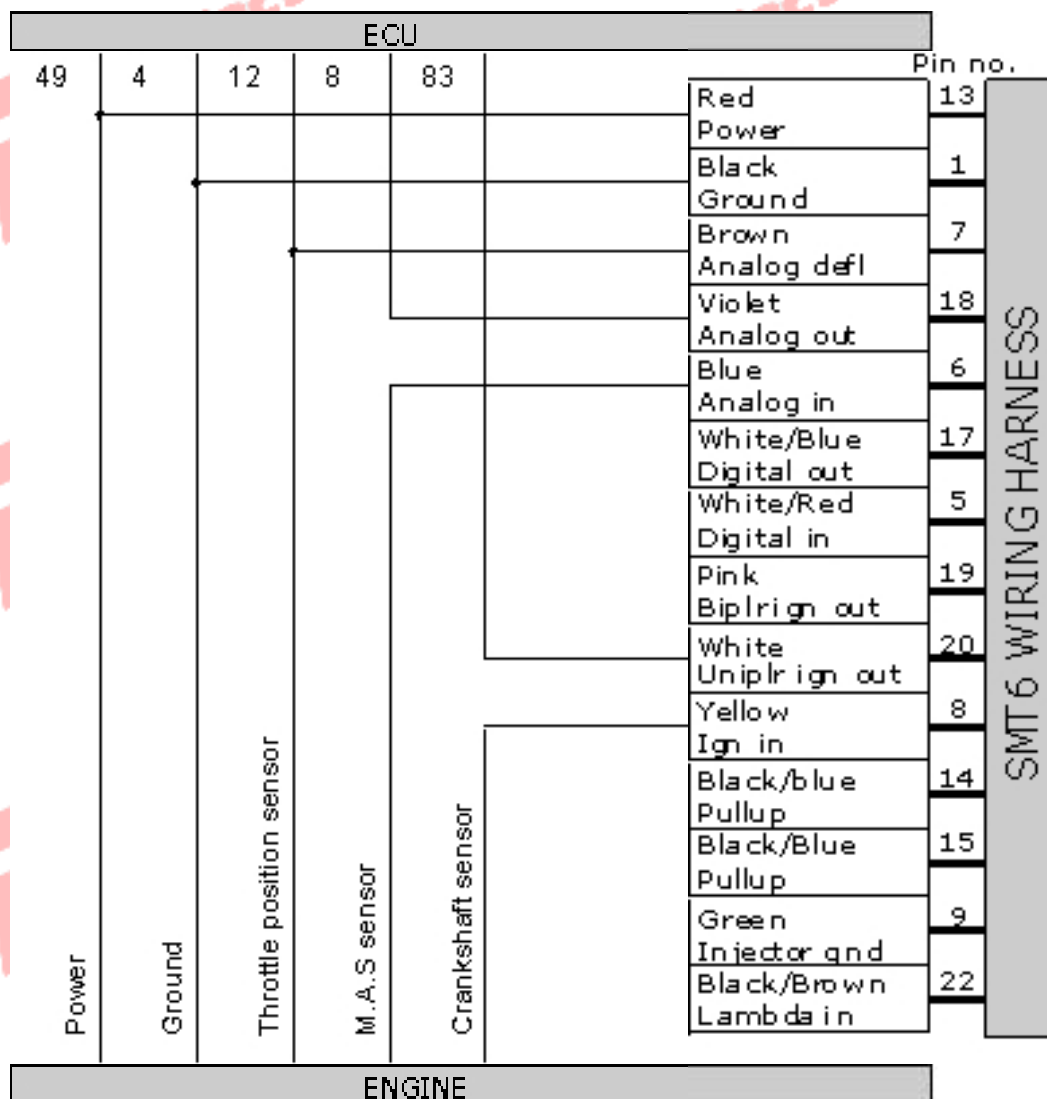
Vehicle make: BMW

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	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)

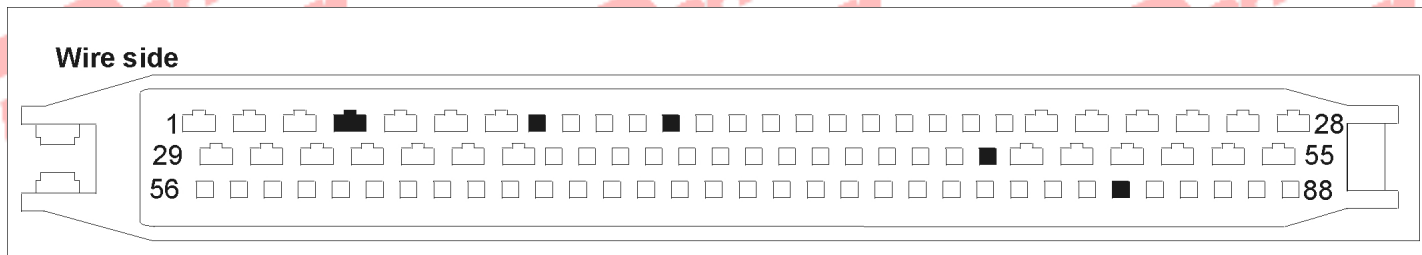
Year: 1996-99

Comments: May not be able to do ignition modifications on this car

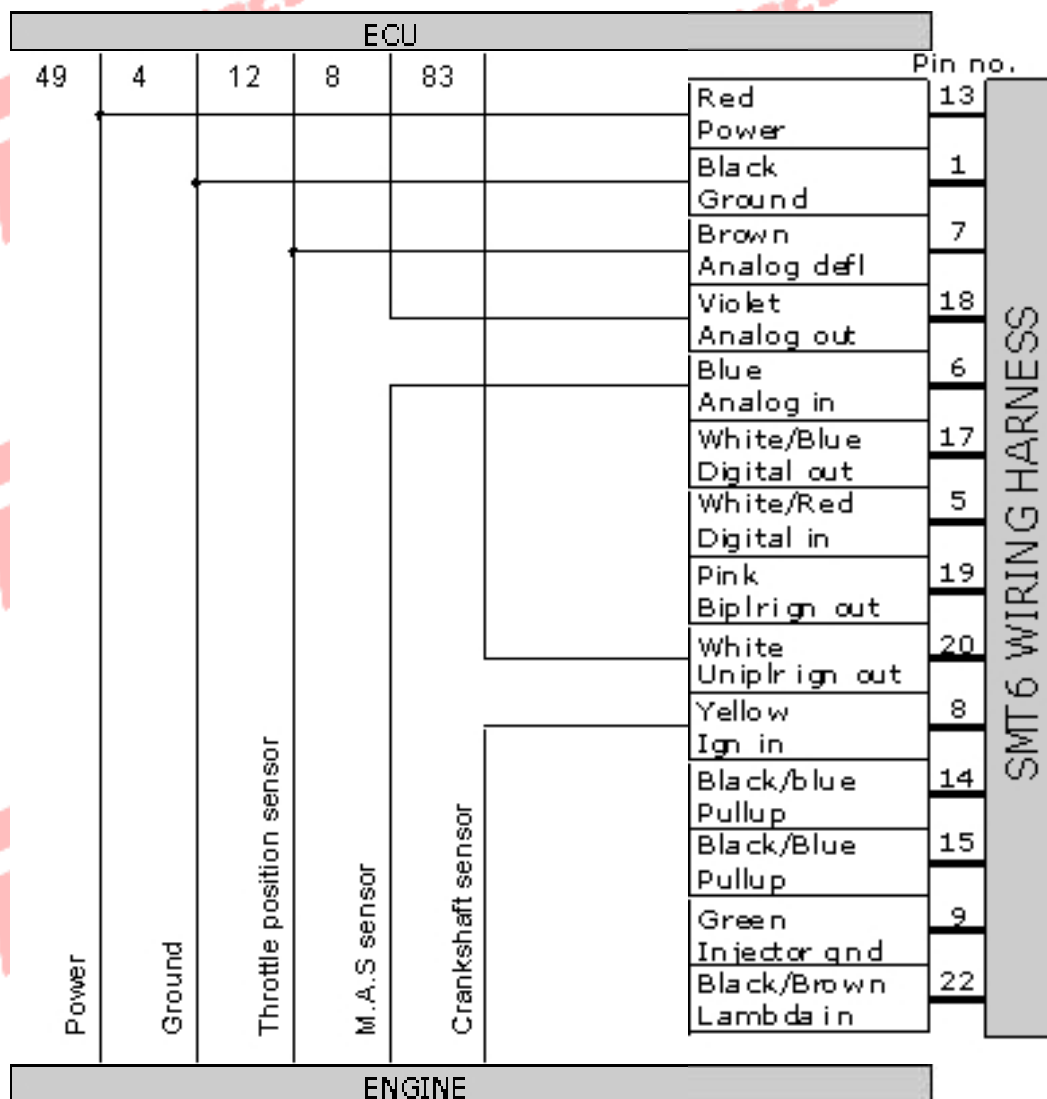
ECU Location:

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

Vehicle make: **BMW**

Model: 528i (E39)

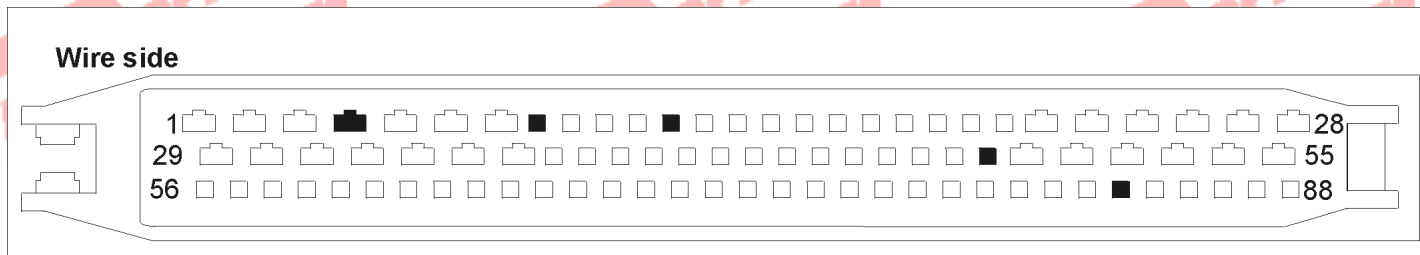
Year: 1996-99

Comments:

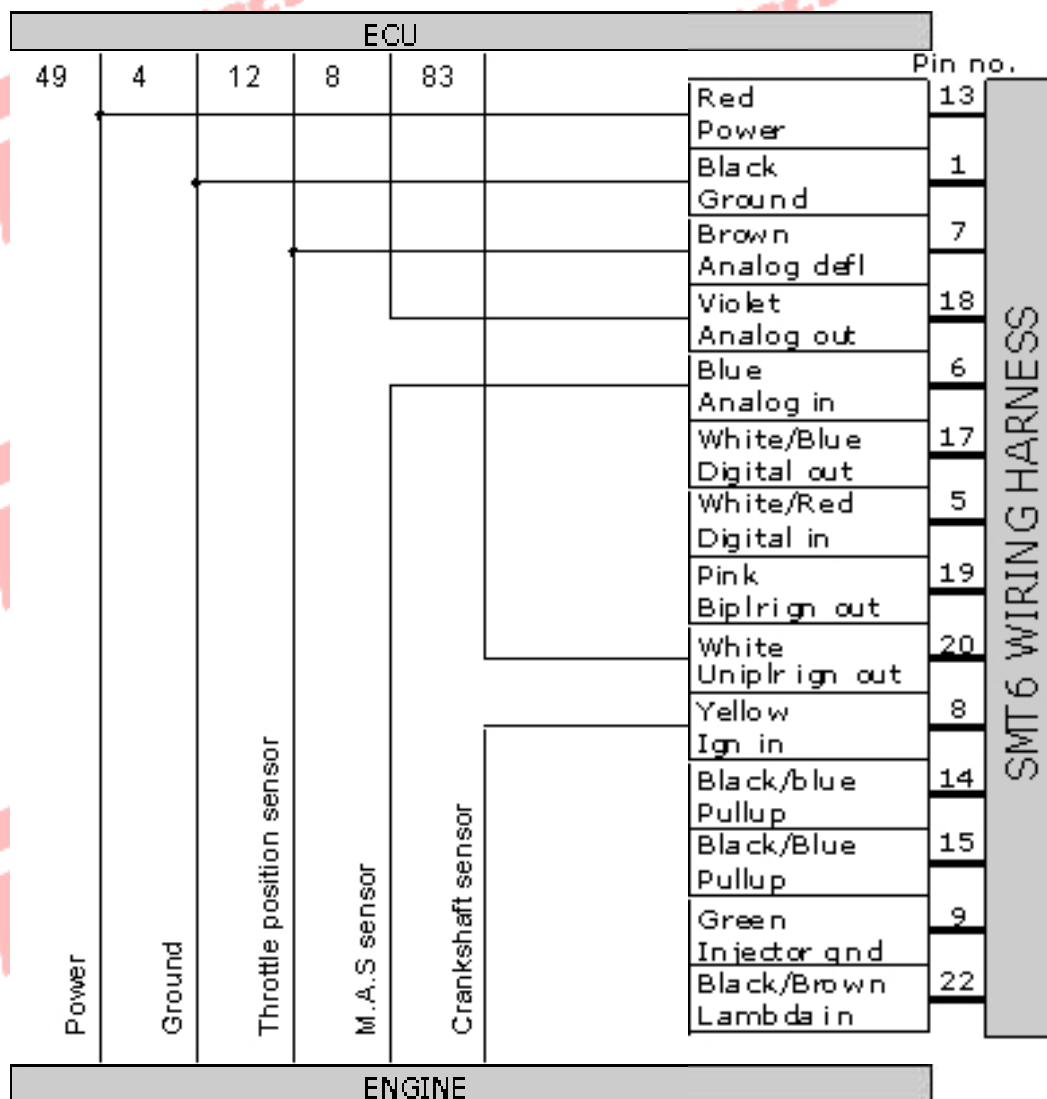
ECU Location:

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.

Perfect Power Wiring Diagram



ECU make: Siemens MS 41

Vehicle make: BMW

Model: 728i

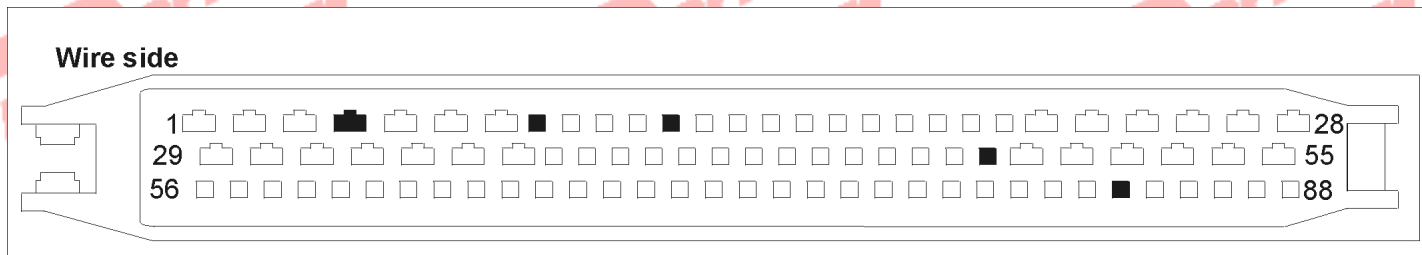
Year: 1998

Comments: May not be able to do ignition modifications on this car

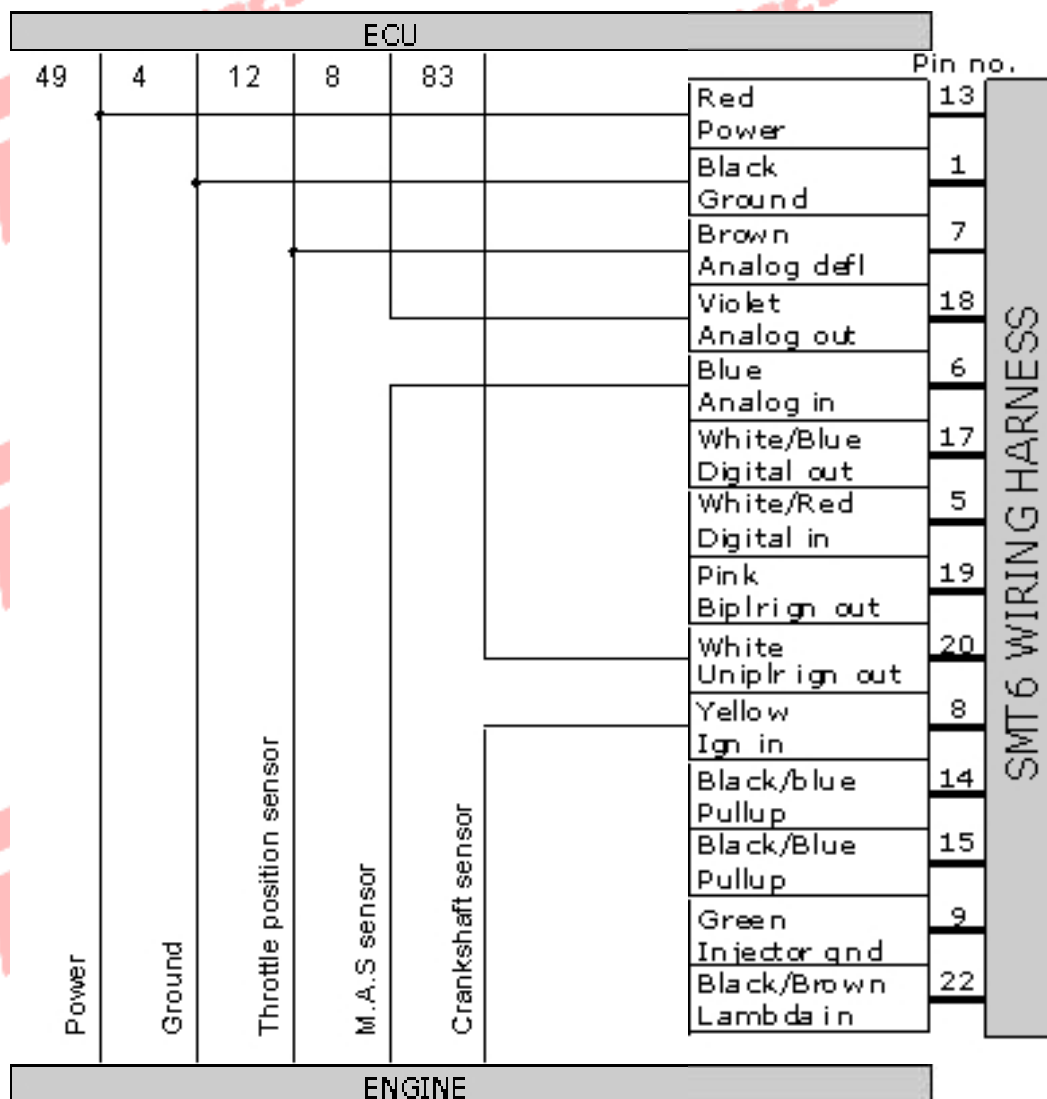
ECU Location:

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.

Perfect Power Wiring Diagram



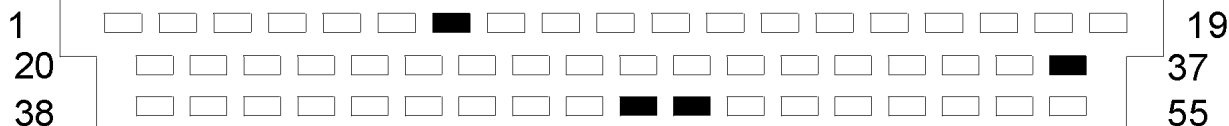
ECU make: Bosch Motronic M1.1/1.3
 Model: 325i/325e (E30)
 Year: 1985-93
 Comments:
 ECU Location: Below steering wheel

Vehicle make: BMW

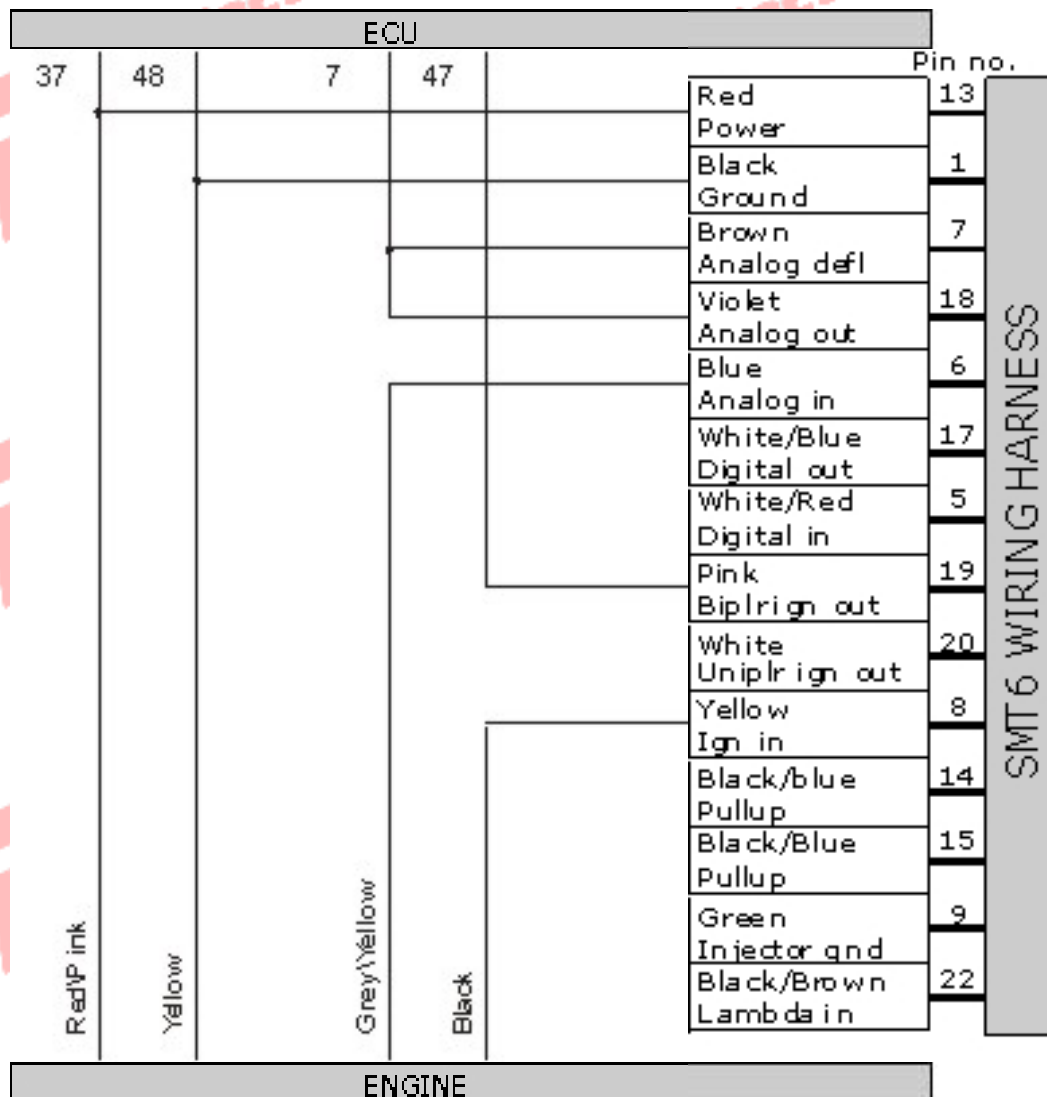
Click [here](#) to return to BMW Menu.

ECU Pin Out

Wire side



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



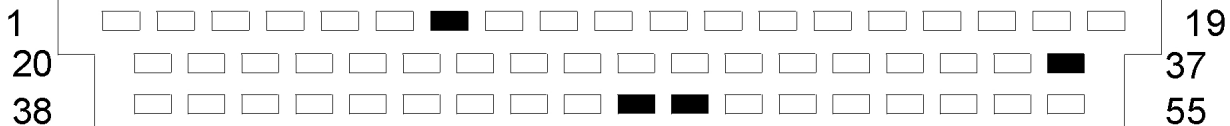
ECU make: Bosch Motronic M1.1/1.3
 Model: 318i(E36)/518i/520i (E34)
 Year: 1991-93
 Comments:
 ECU Location: Below steering wheel

Vehicle make: BMW

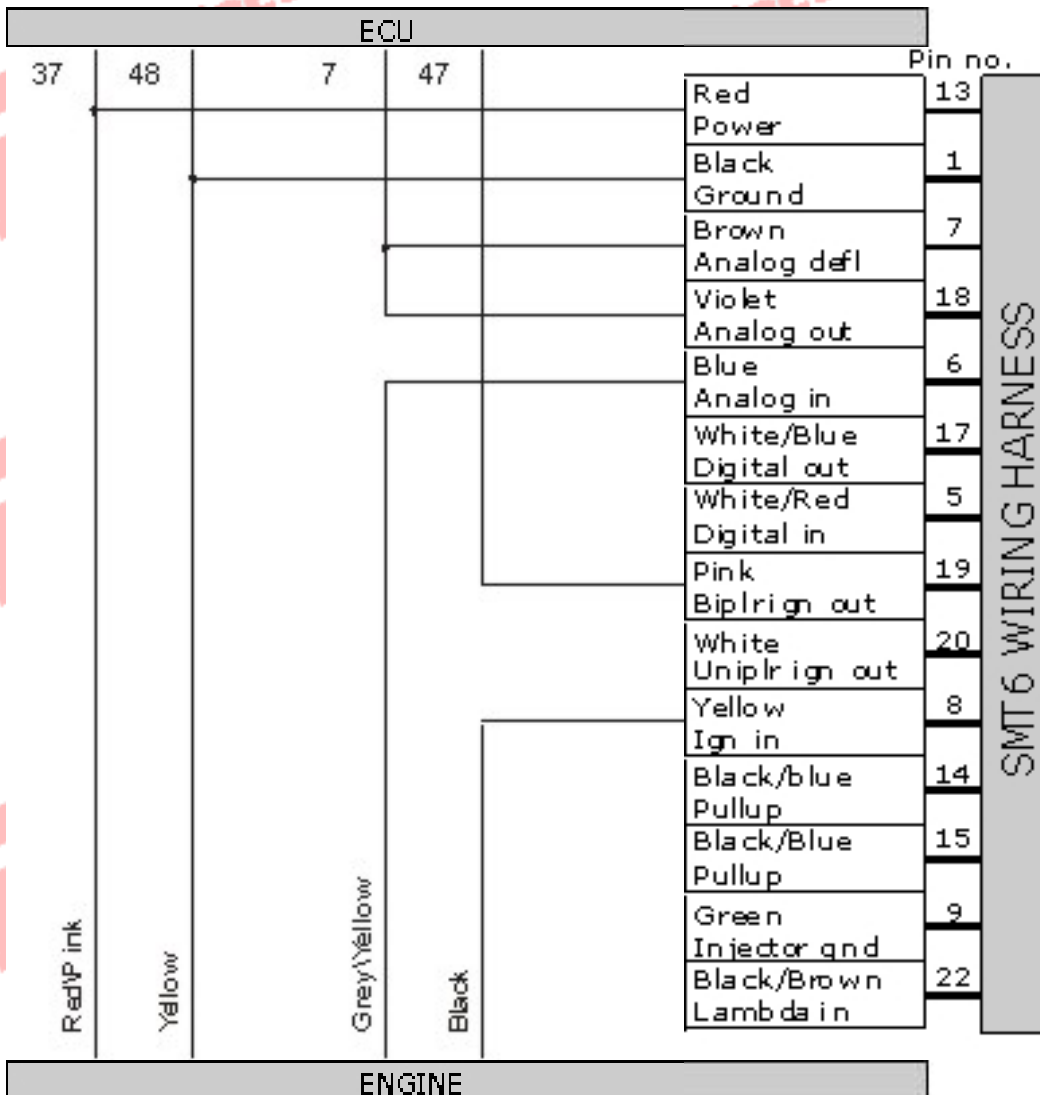
Click [here](#) to return to BMW Menu.

ECU Pin Out

Wire side



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

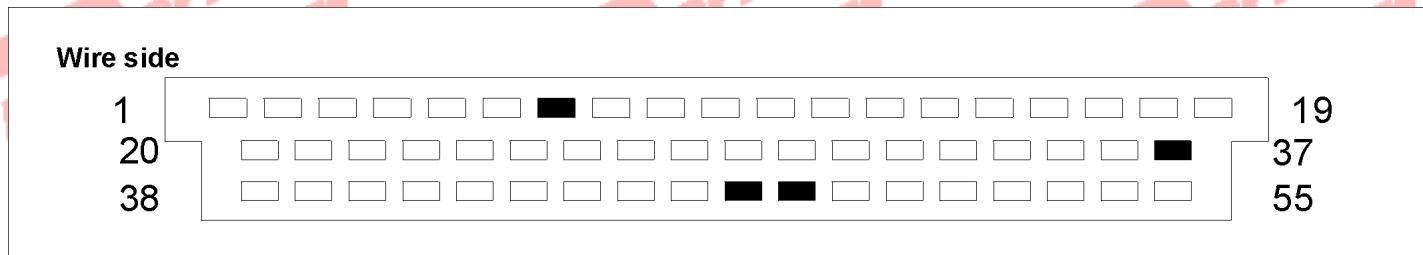


ECU make: Bosch Motronic M1.1/1.3
 Model: 525i/530i/535i (E34)
 Year: 1988-93
 Comments:
 ECU Location: Below steering wheel

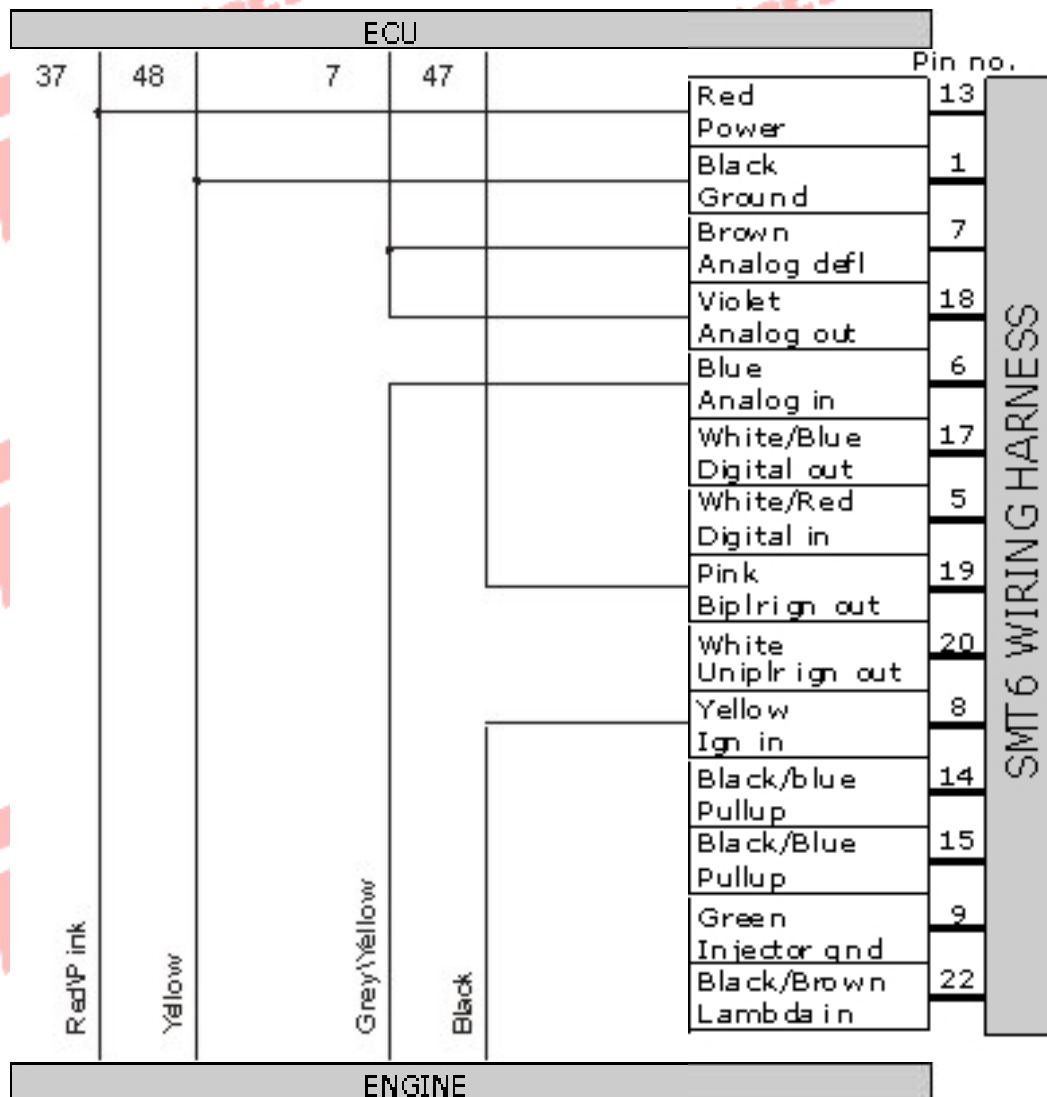
Vehicle make: BMW

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

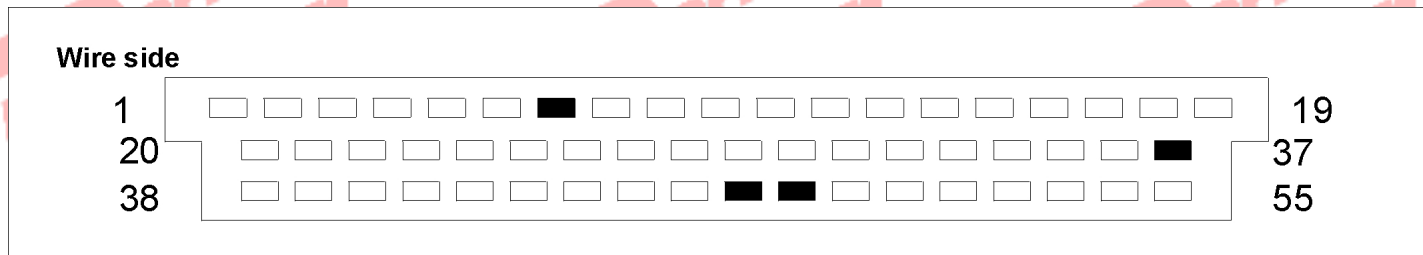


ECU make: Bosch Motronic M1.1/1.3
 Model: 730i/735i (E32)
 Year: 1986-92
 Comments:
 ECU Location: Below steering wheel

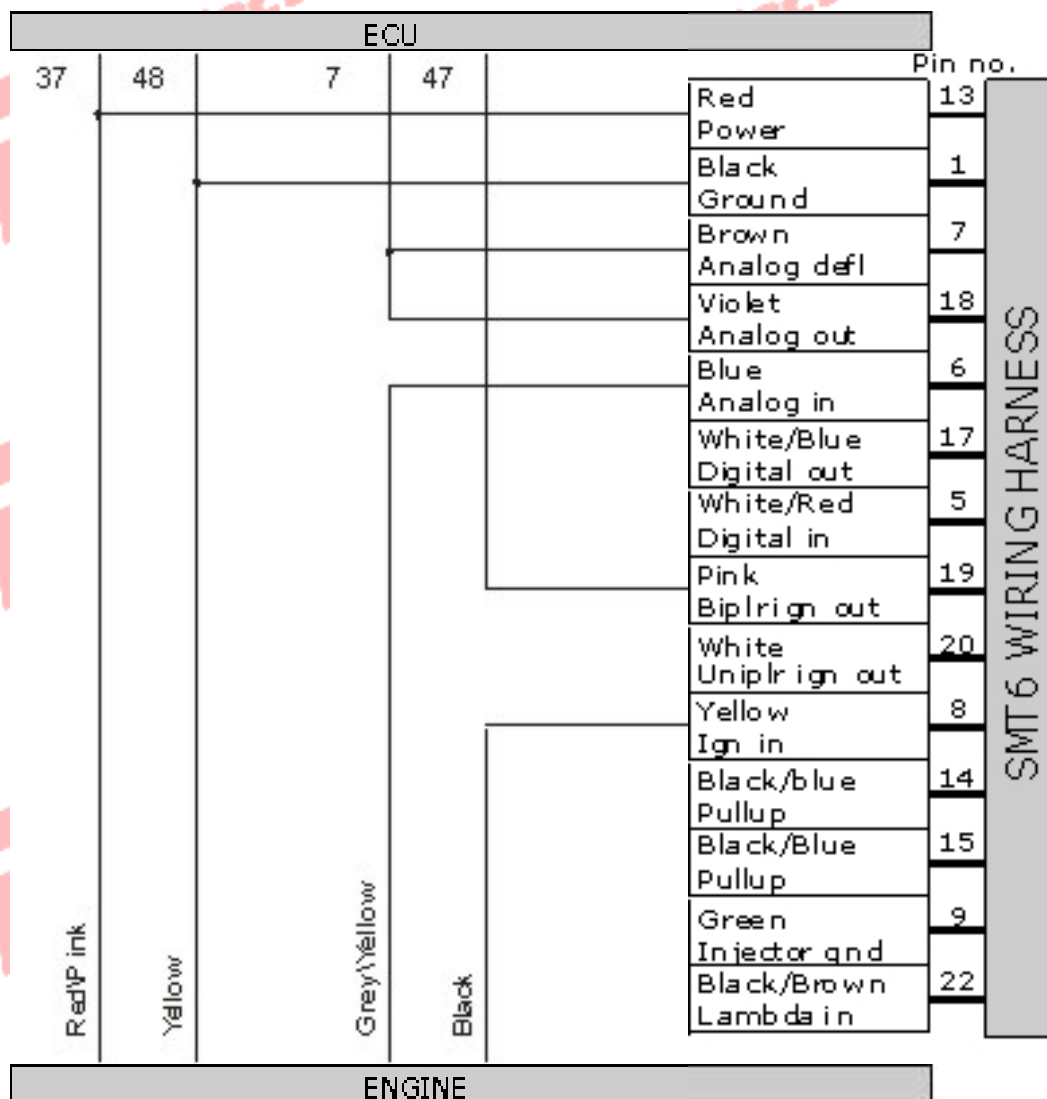
Vehicle make: BMW

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:

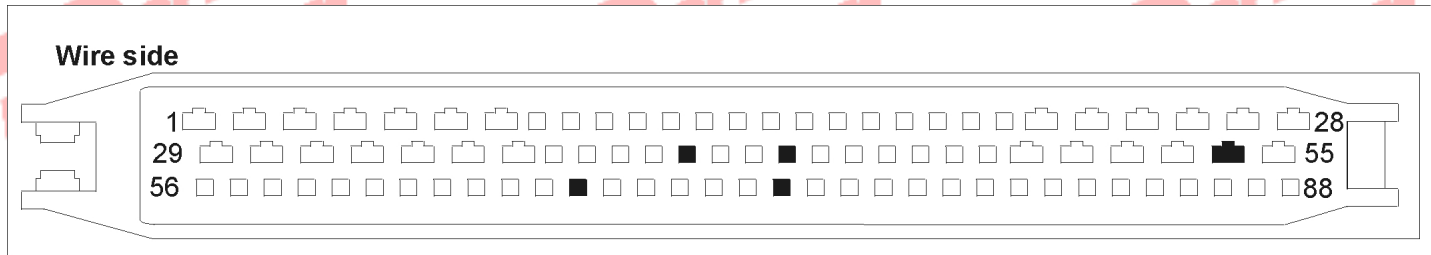
Comments:

ECU Location: Engine bay left near wiper box

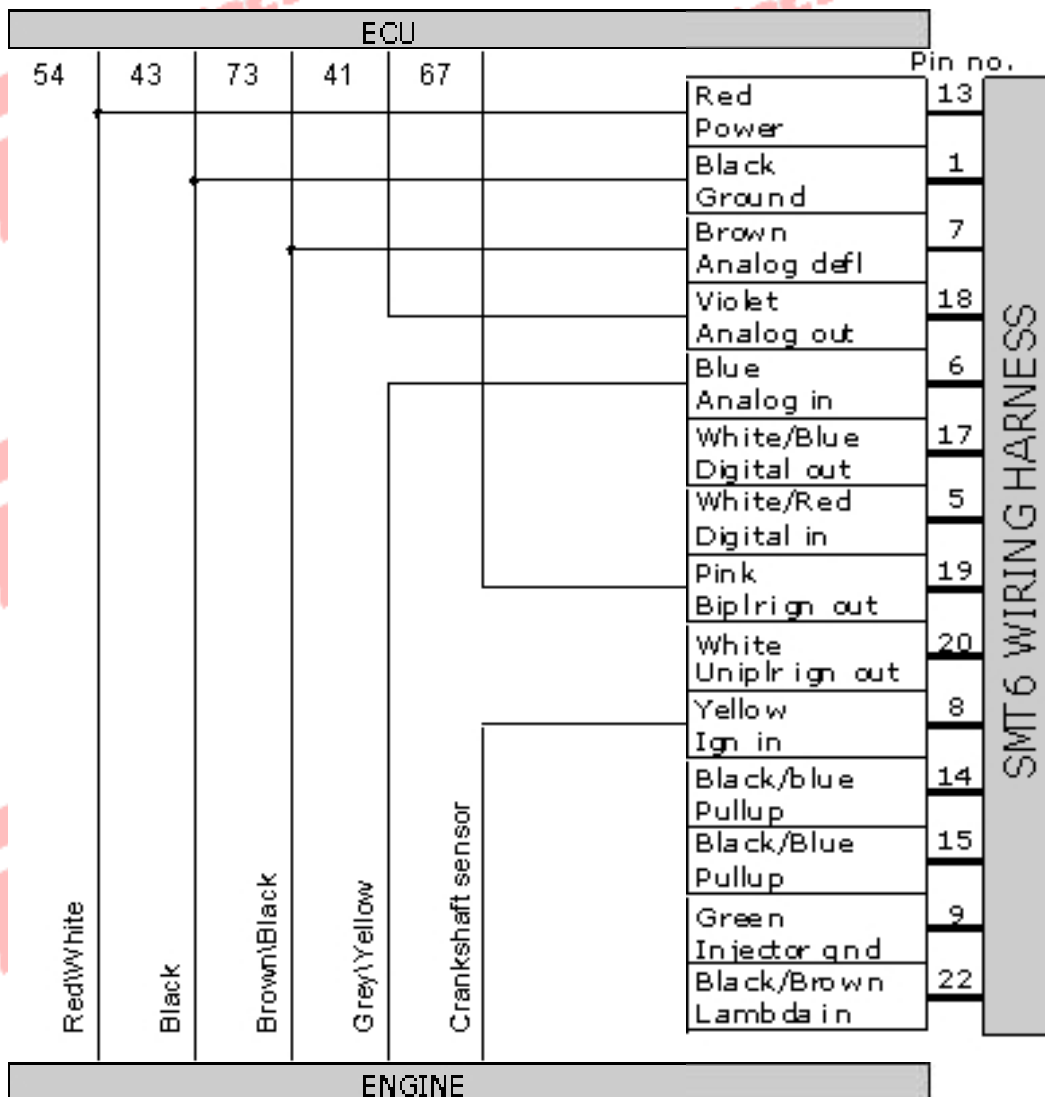
Vehicle make: BMW

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

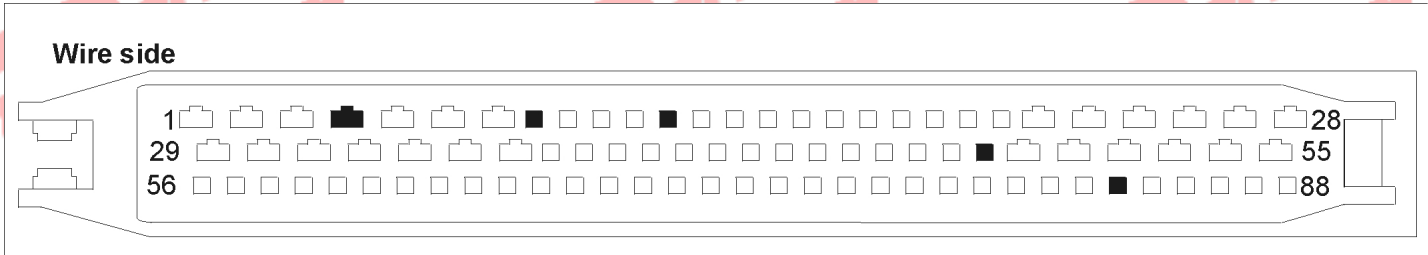


ECU make: Siemens MS 41
 Model: 320i Vanos (E36)
 Year: 1994-98
 Comments: May not be able to do ignition modifications on this car
 ECU Location:

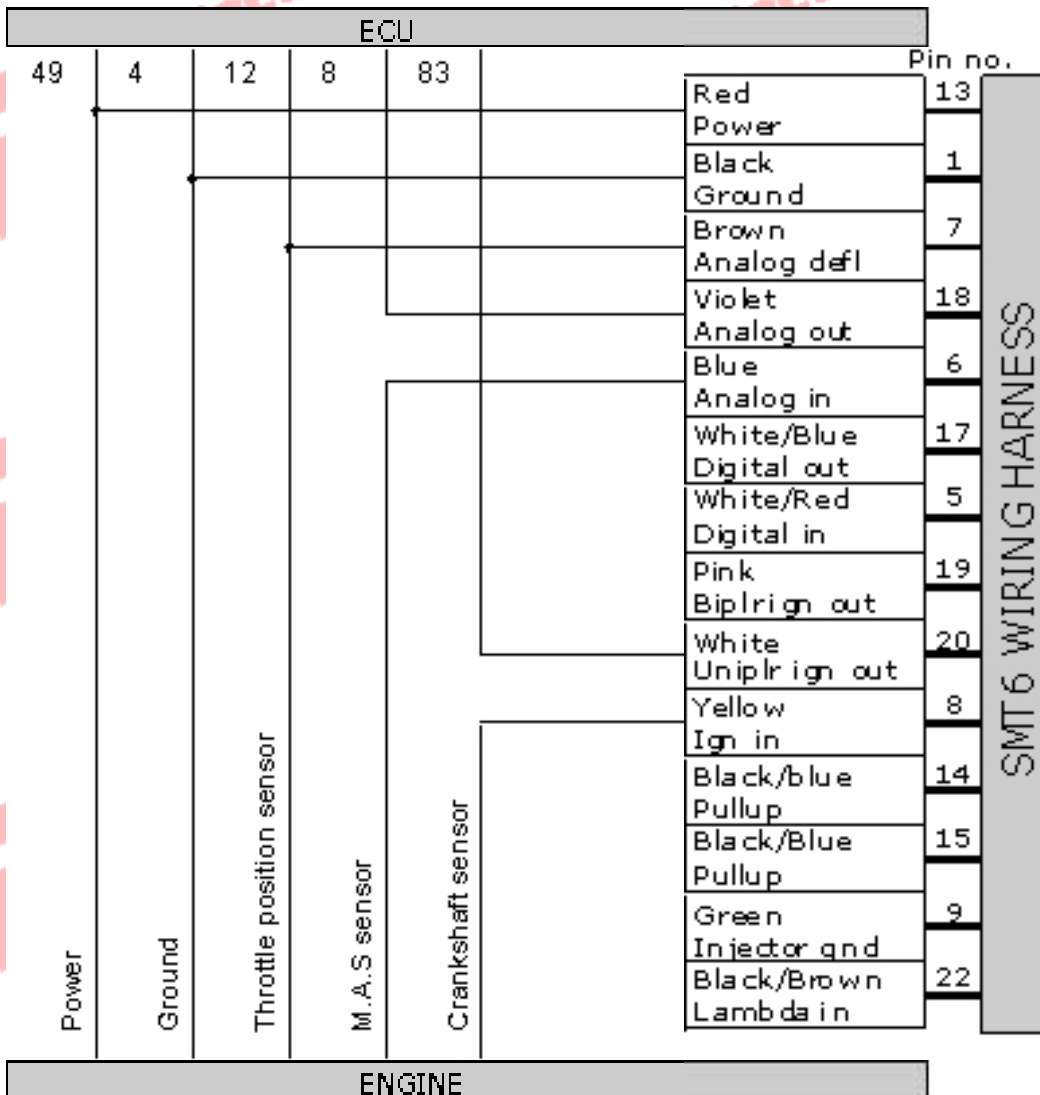
Vehicle make: BMW

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 41

Vehicle make: BMW

Model: 323i/Compact (E36)

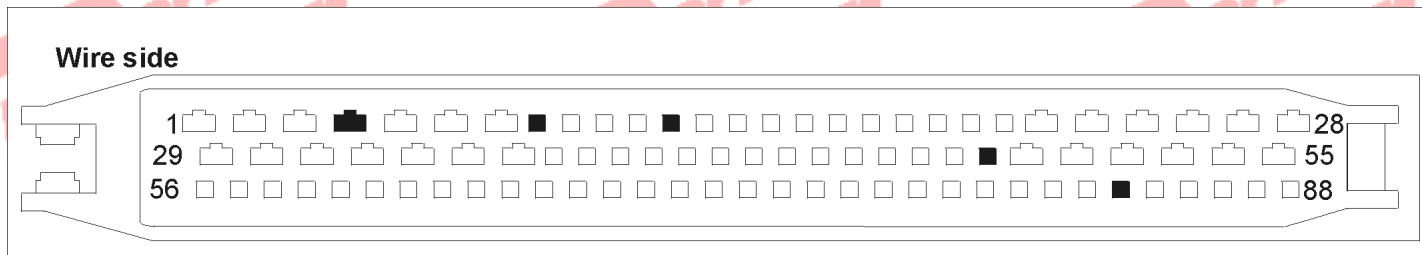
Year: 1995-98

Comments: May not be able to do ignition modifications on this car

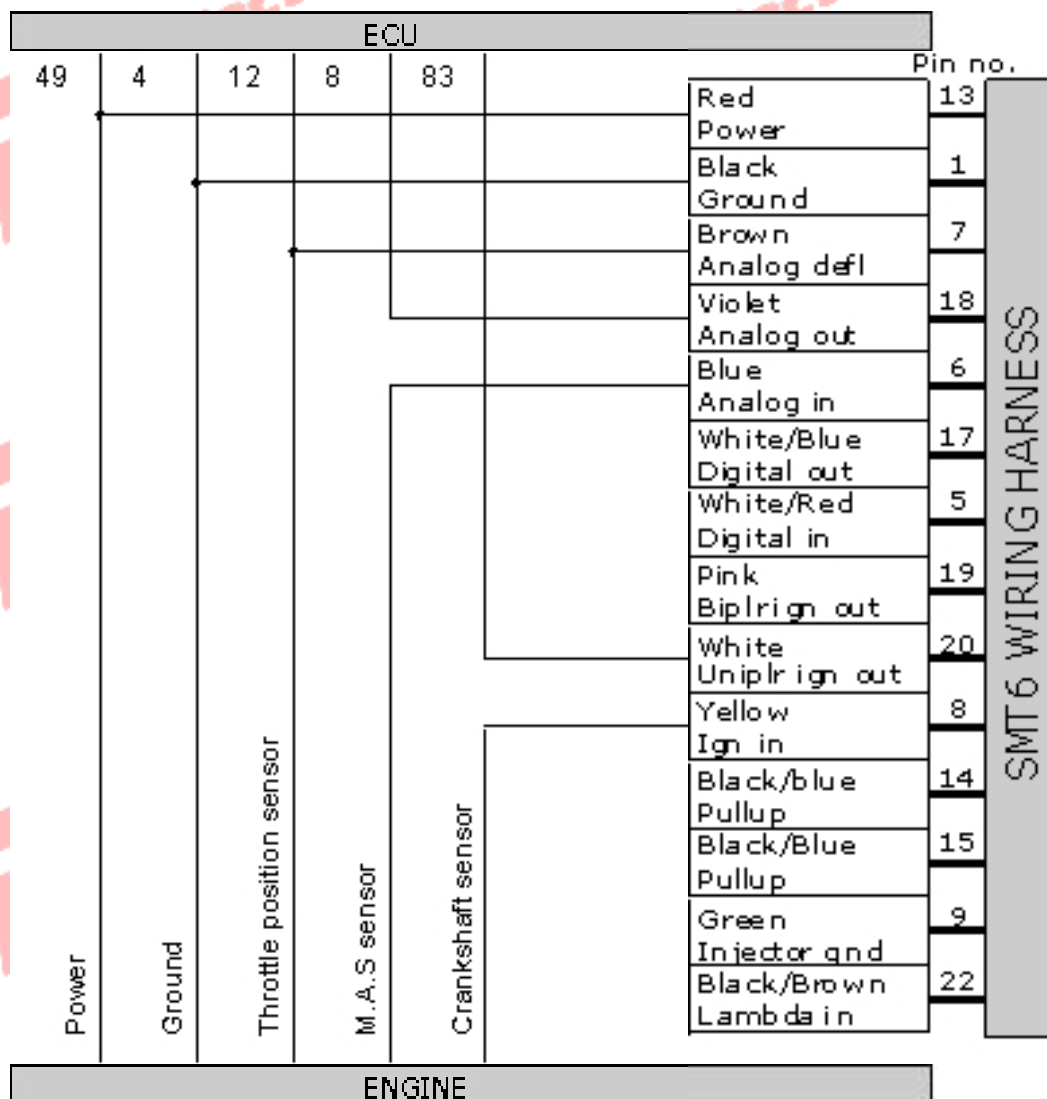
ECU Location:

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)

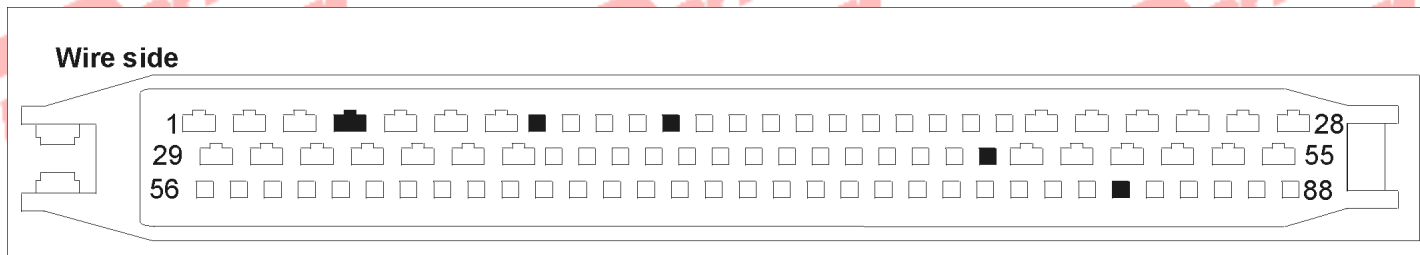
Year: 1995-98

Comments: May not be able to do ignition modifications on this car

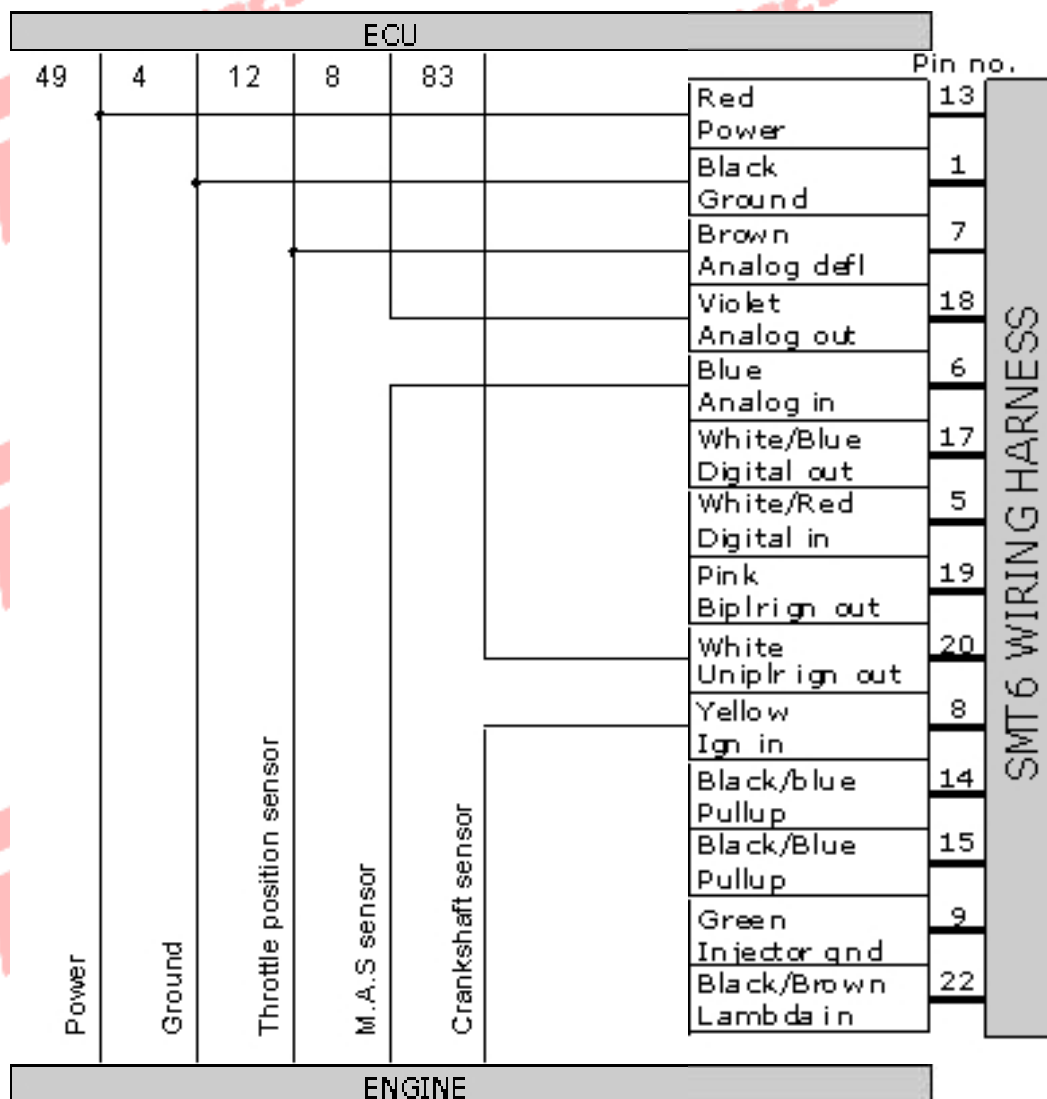
ECU Location:

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

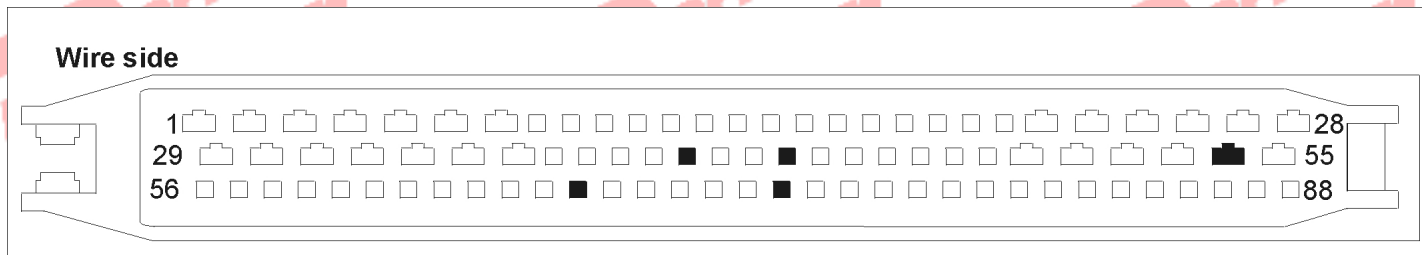


ECU make: Bosch Motronic M3.1
 Model: 320i 24V (E36)
 Year: 1991-92
 Comments:
 ECU Location: Engine bay left

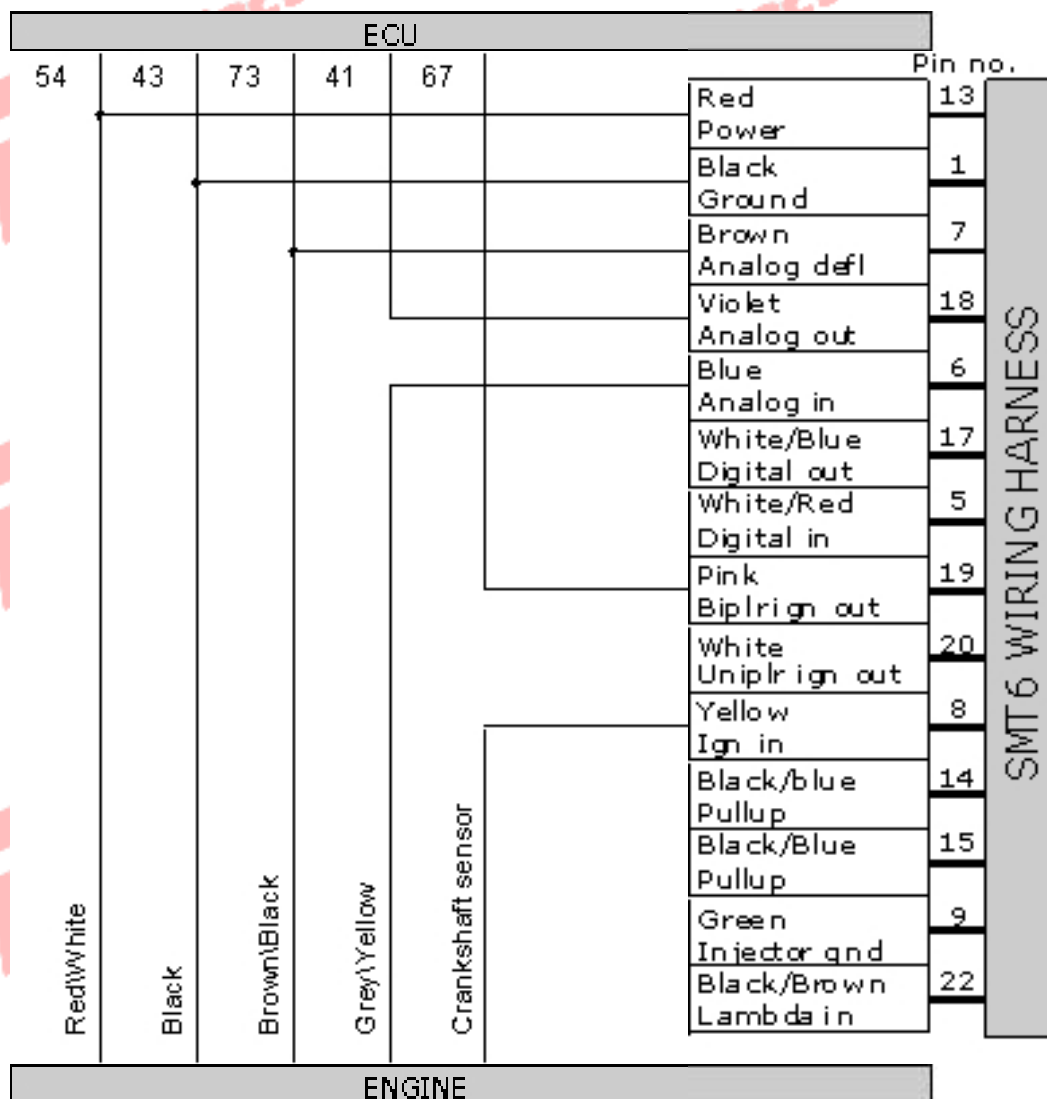
Vehicle make: BMW

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

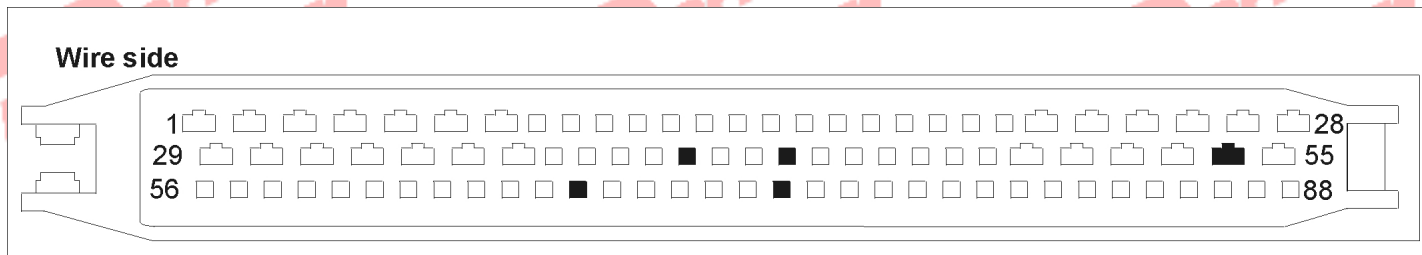
Comments:

ECU Location: Engine bay left

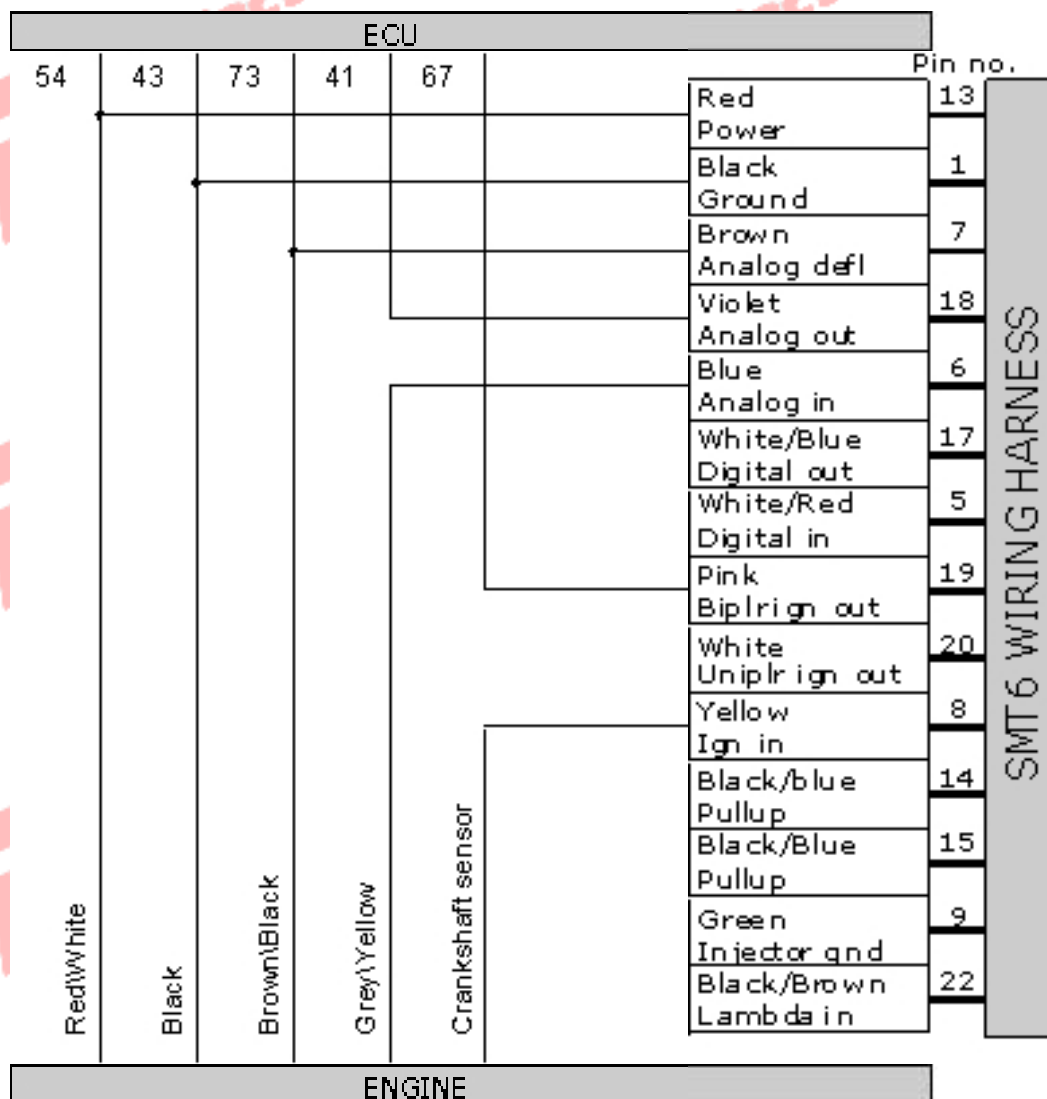
Vehicle make: BMW

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

Vehicle make: **BMW**

Model: 325i 24V (e36)

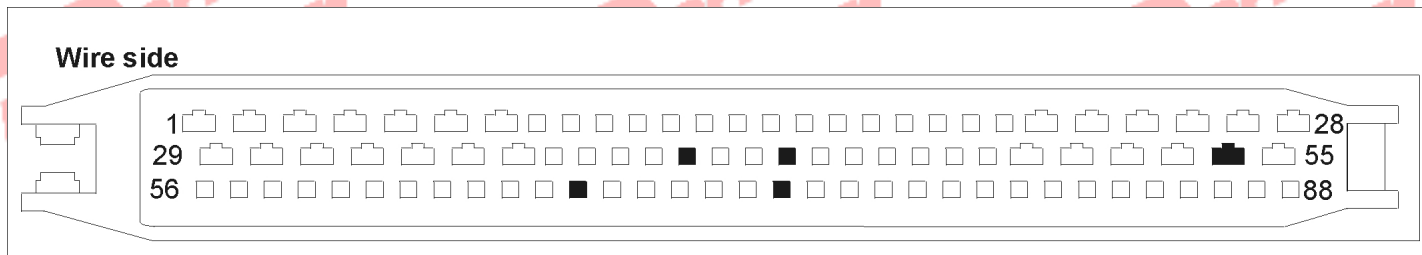
Year: 1991-92

Comments:

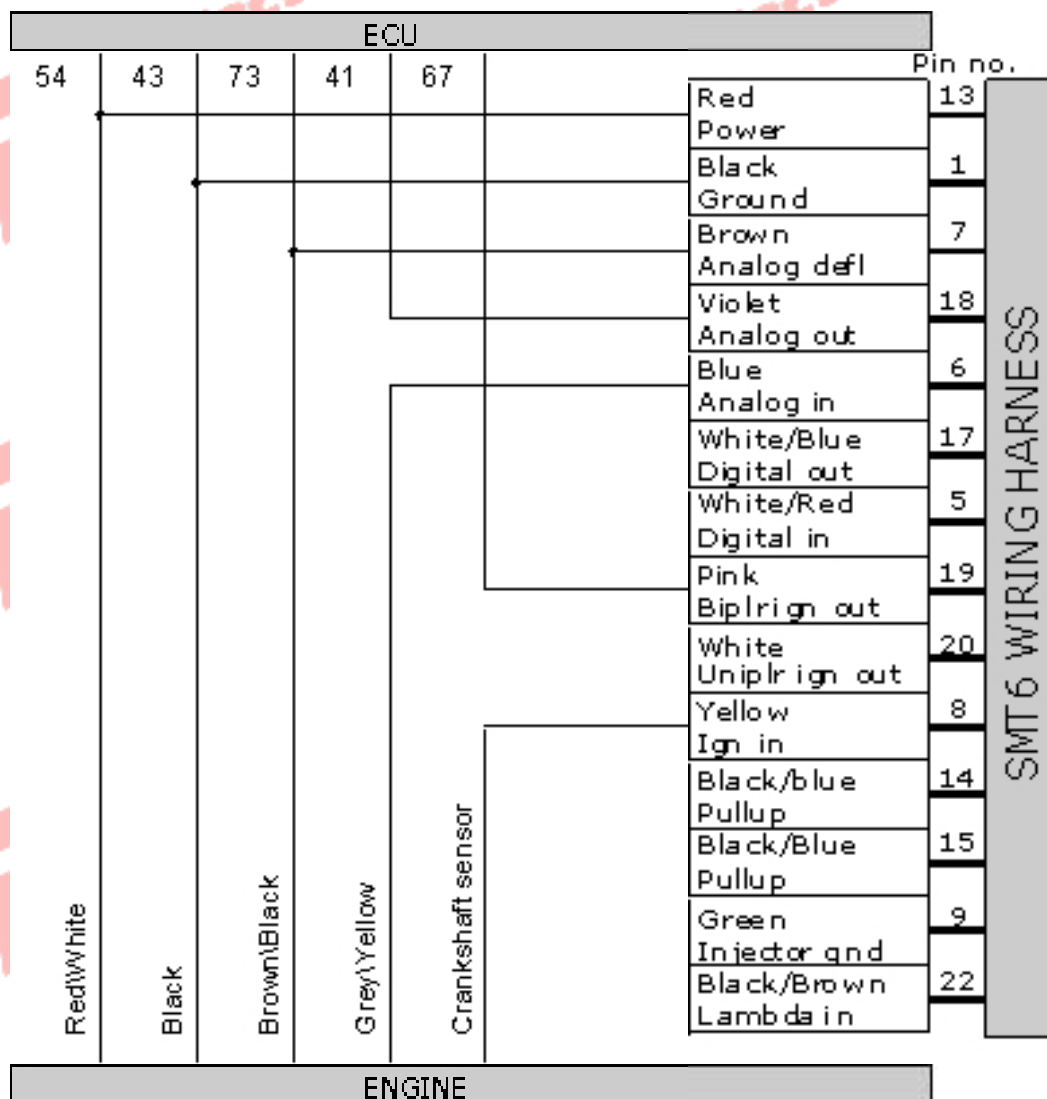
ECU Location: Engine bay left

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

ECU Pin Out



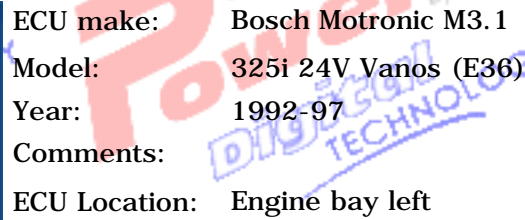
Wiring Diagram



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.



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

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

file:///JEDI/Company%20Folders/Automotive_(PP)/WirDV2/WD_OutPut/BMW16.htm [2004/03/25 08:38:33]

Perfect Power Wiring Diagram



ECU make: Bosch Motoronic M3.1

Vehicle make: BMW

Model: 520i/525i 24V (e36)

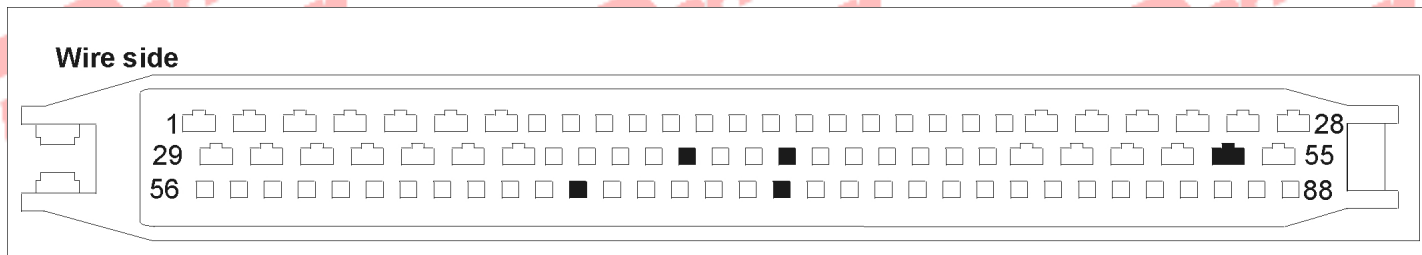
Year: 1989-92

Comments:

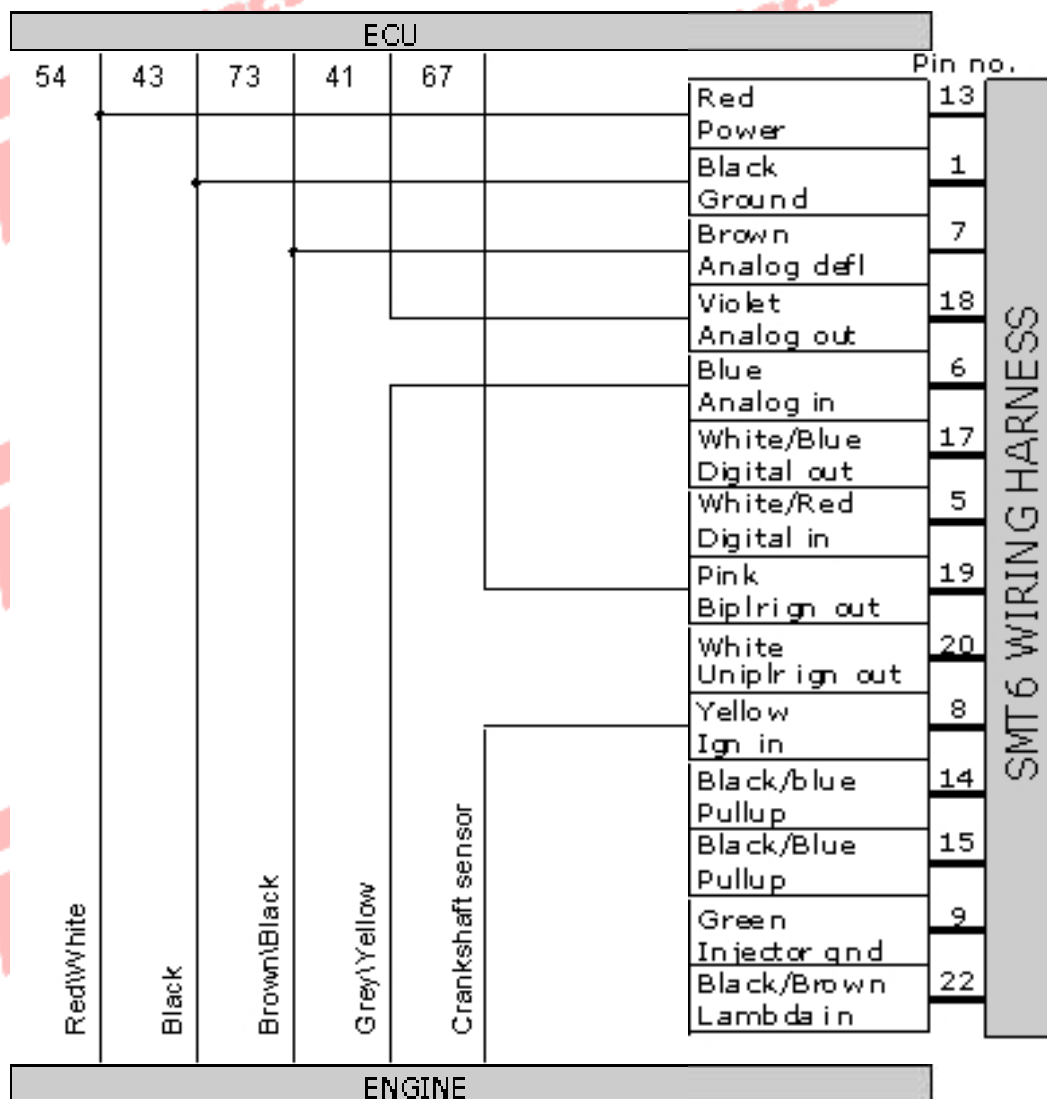
ECU Location: Plastic box right side of engine bay

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

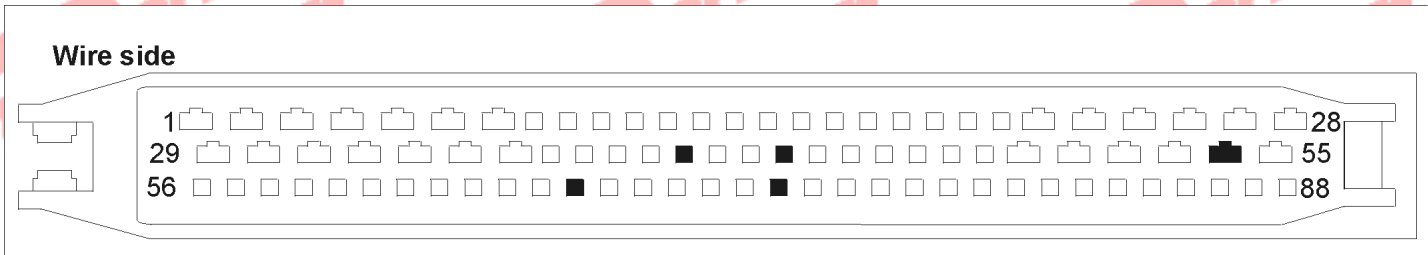


ECU make: Bosch Motronic M3.1
 Model: 520i/525i 24V Vanos (e34)
 Year: 1992-96
 Comments:
 ECU Location: Plastic box right hand side of engine bay.

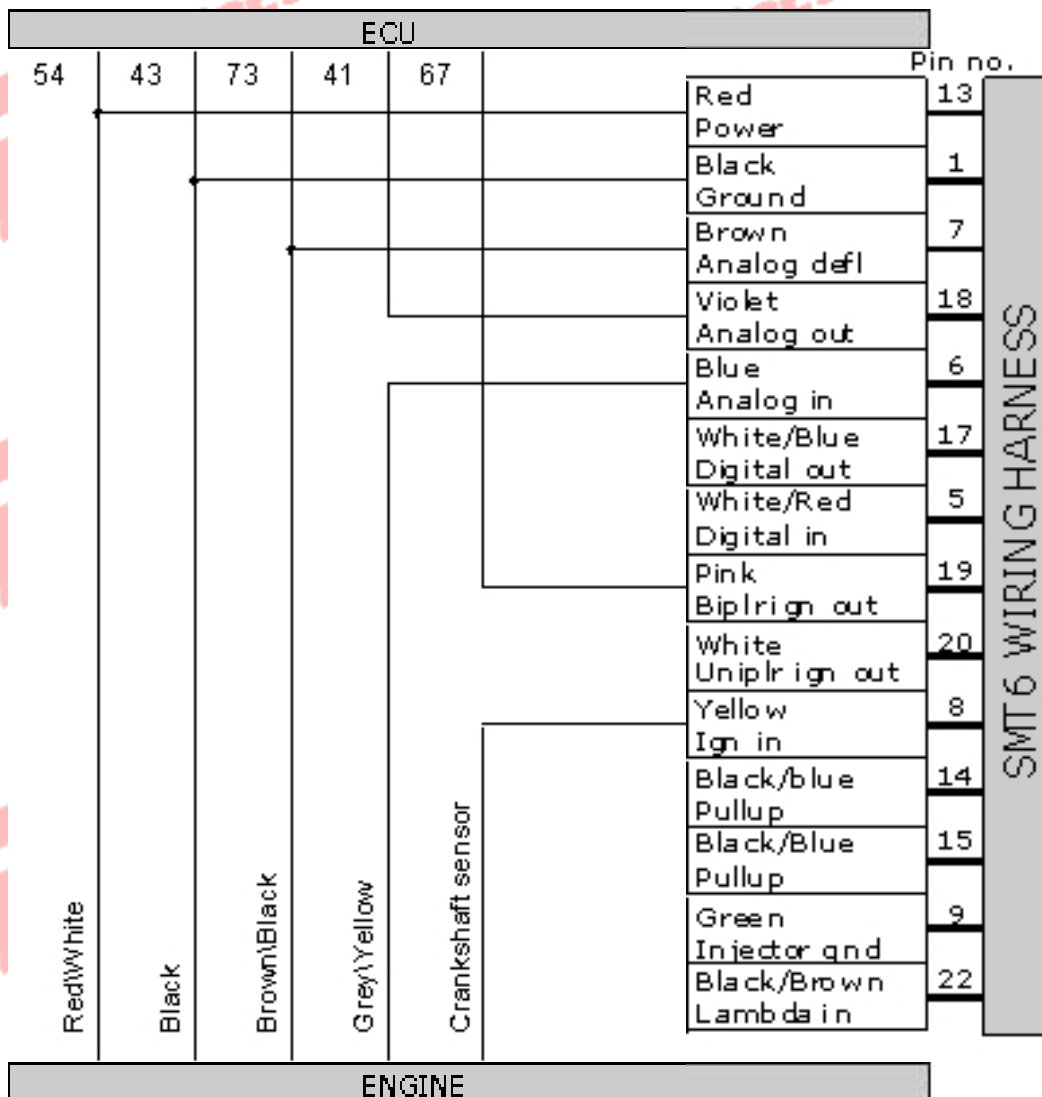
Vehicle make: BMW

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



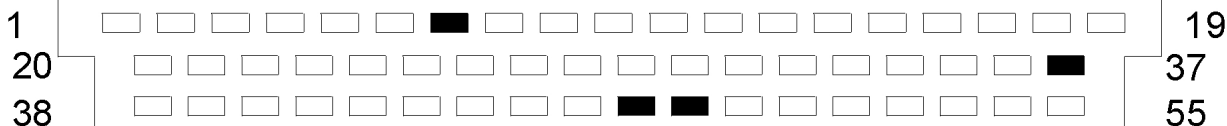
ECU make: Bosch Motronic M1.1/1.3
 Model: 316i/318i (E30)
 Year: 1988-93
 Comments:
 ECU Location: Under steering wheel

Vehicle make: BMW

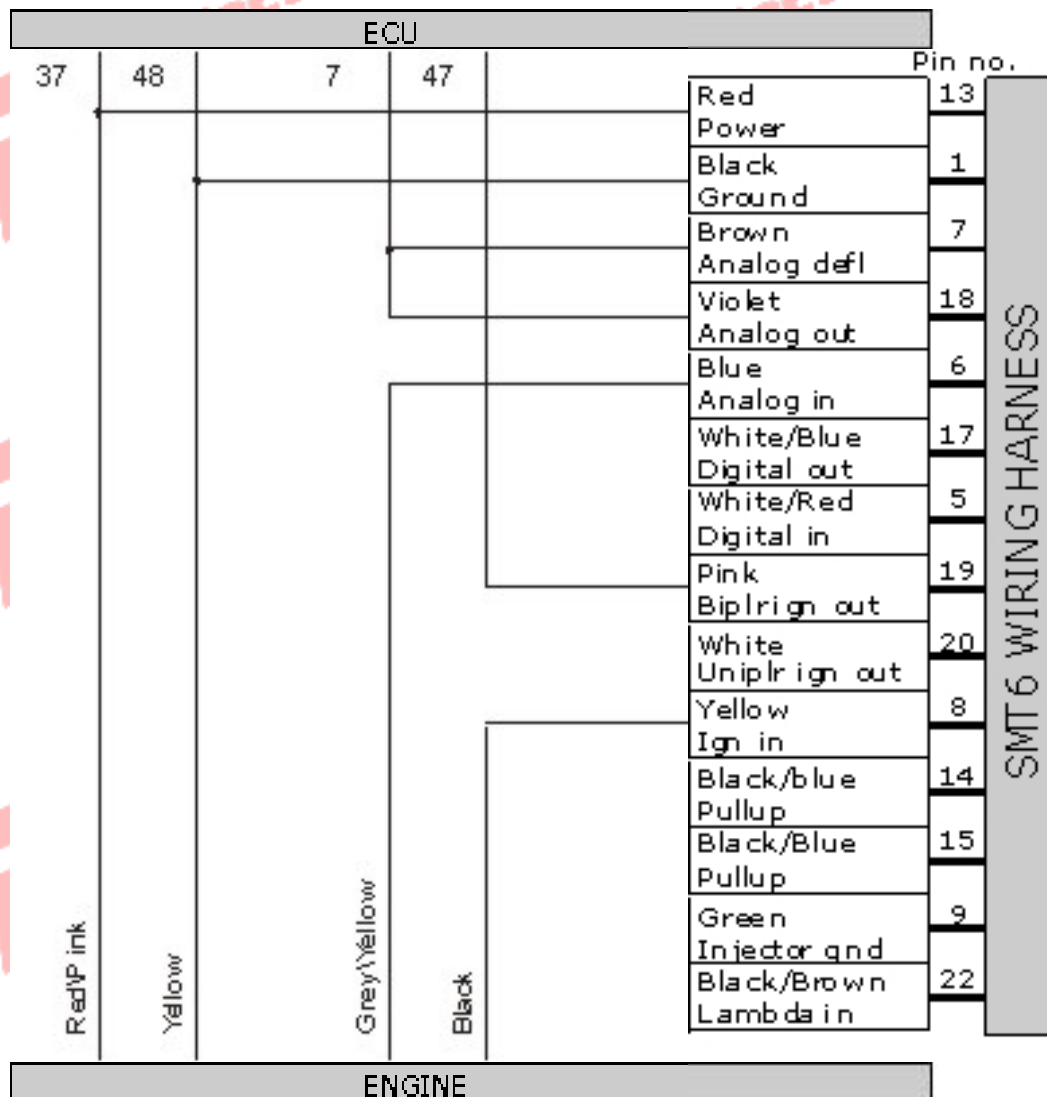
Click [here](#) to return to BMW Menu.

ECU Pin Out

Wire side



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

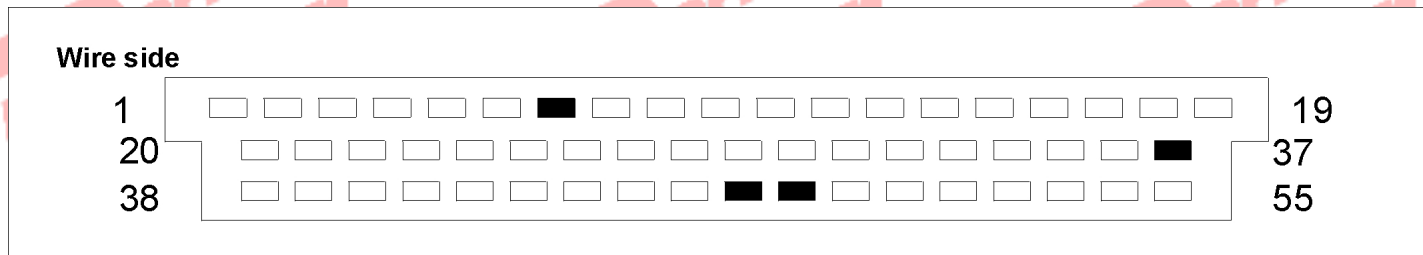


ECU make: Bosch Motronic M1.1/1.3
 Model: 320i (E30)
 Year: 1986-93
 Comments:
 ECU Location: Below steering wheel

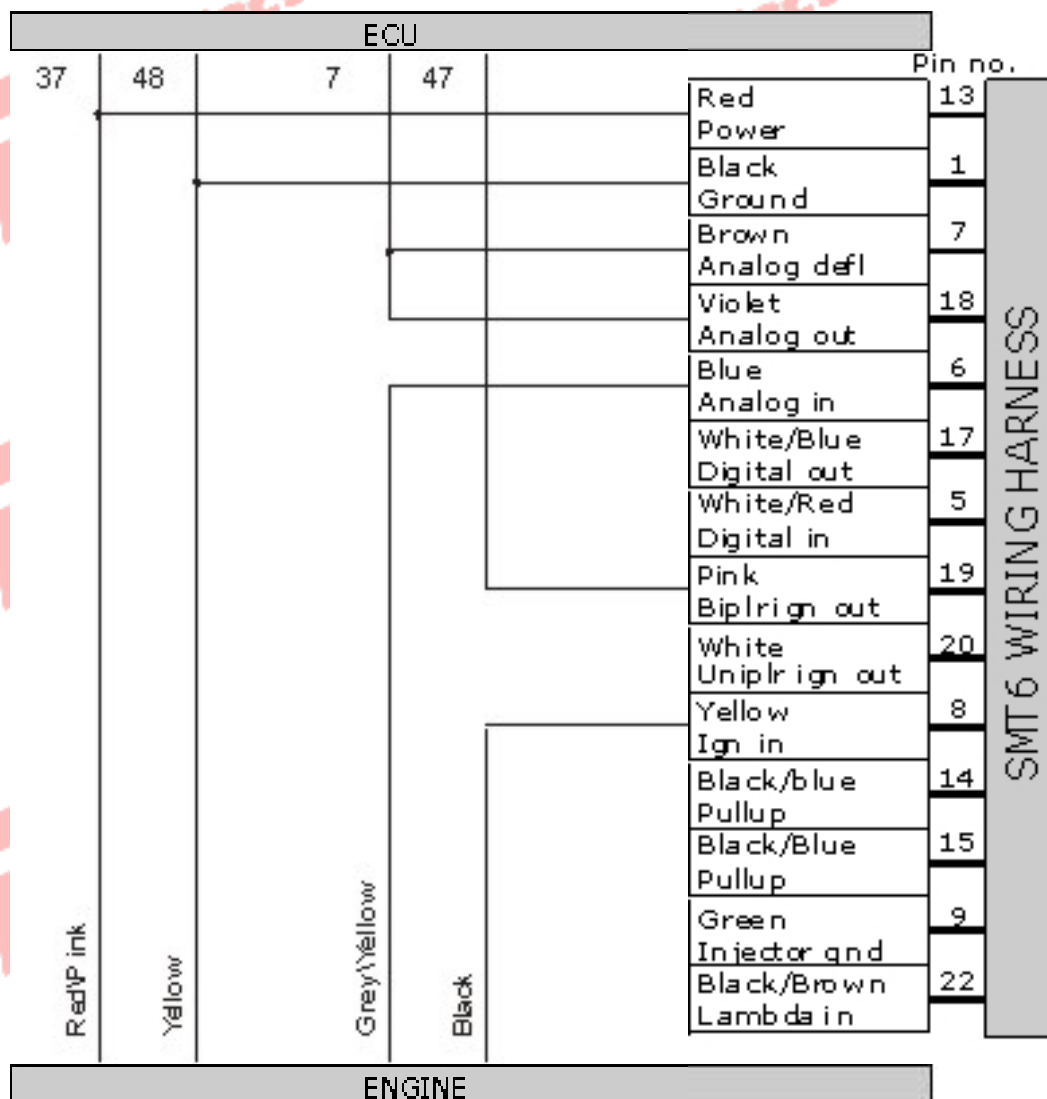
Vehicle make: BMW

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

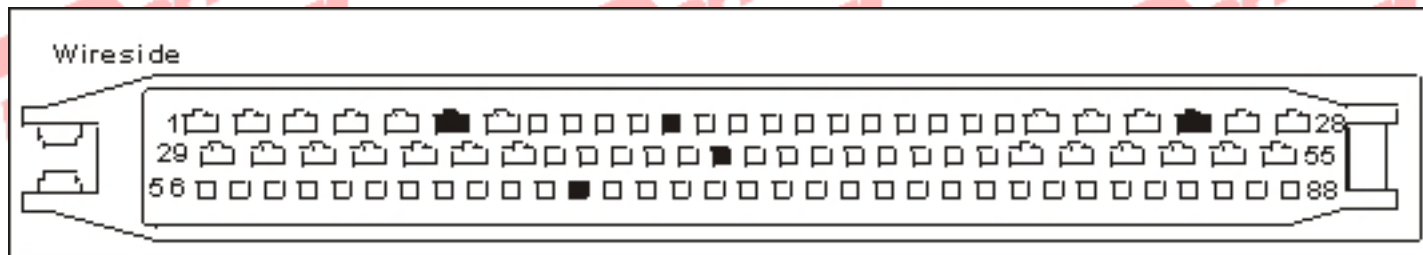


ECU make: Bosch Motronic M1.7.3
 Model: 316i (E36)
 Year: 1995-00
 Comments:
 ECU Location:

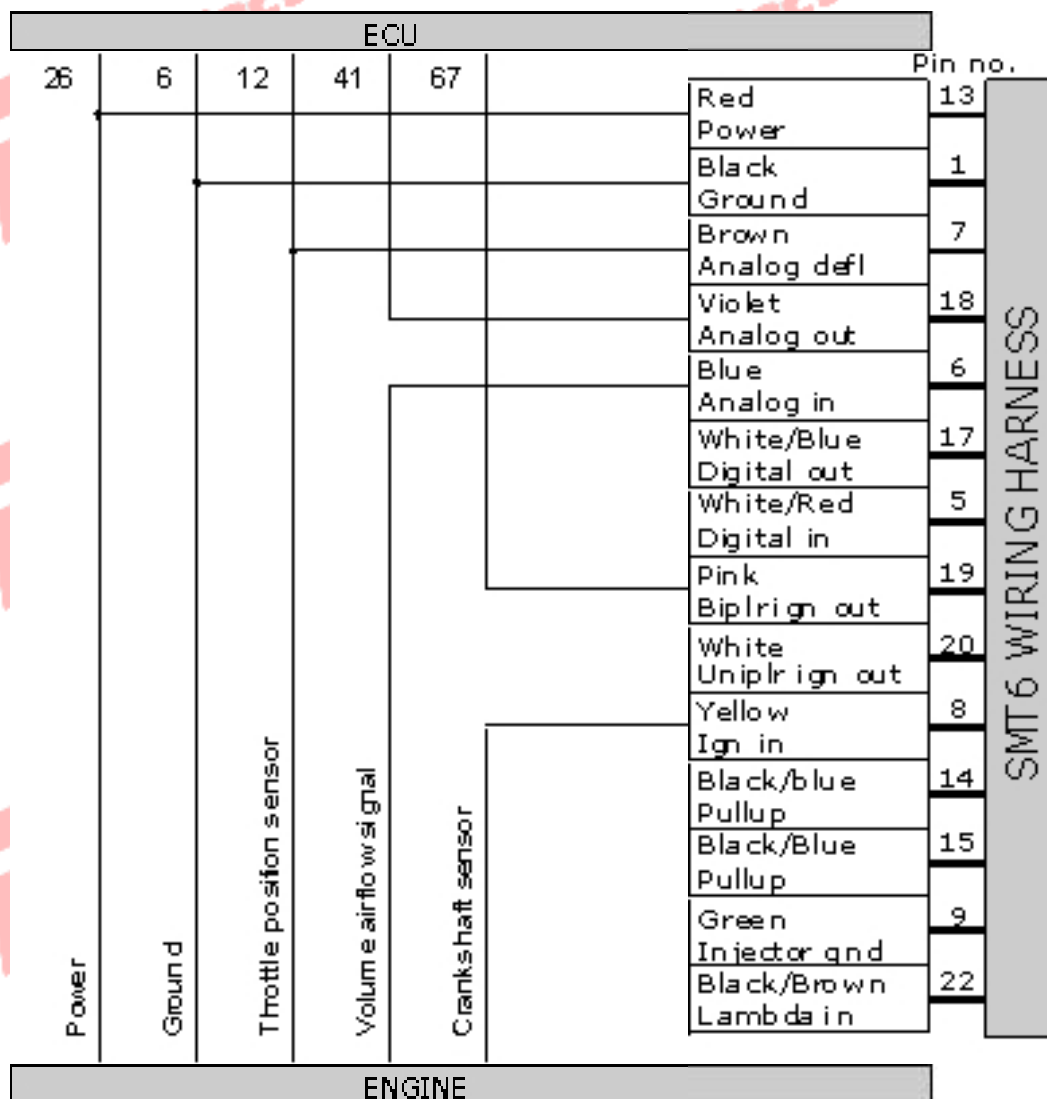
Vehicle make: BMW

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

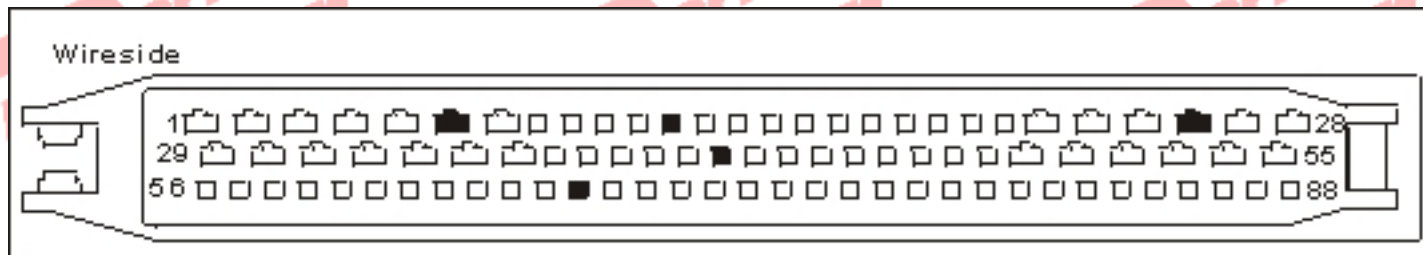


ECU make: Bosch motronic M1.7.3
 Model: 318i (E36)
 Year: 1995-99
 Comments:
 ECU Location:

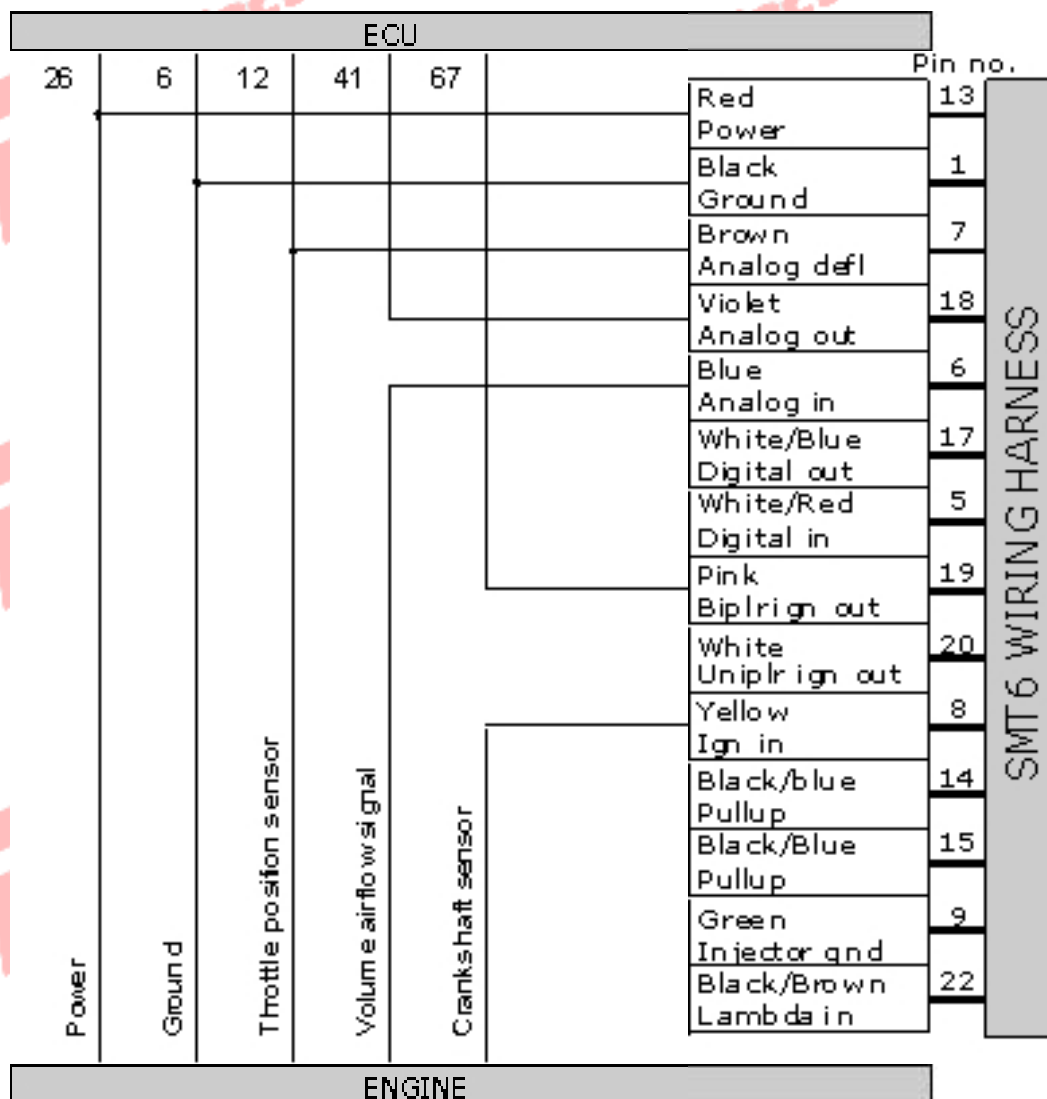
Vehicle make: BMW

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:

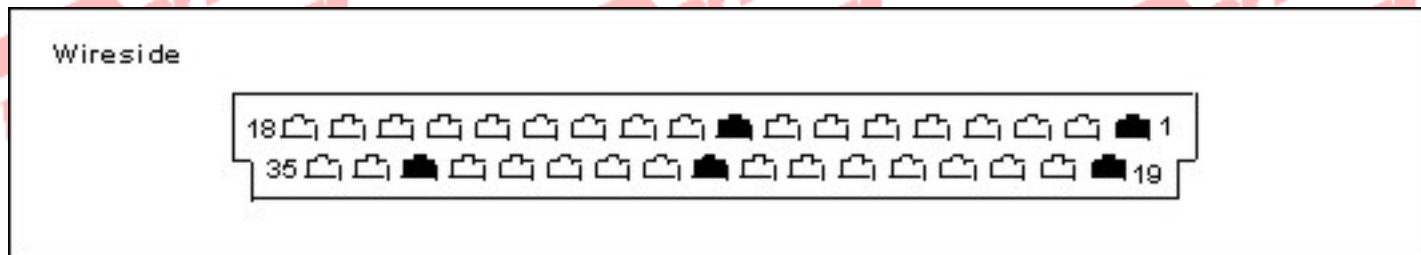
Comments:

ECU Location:

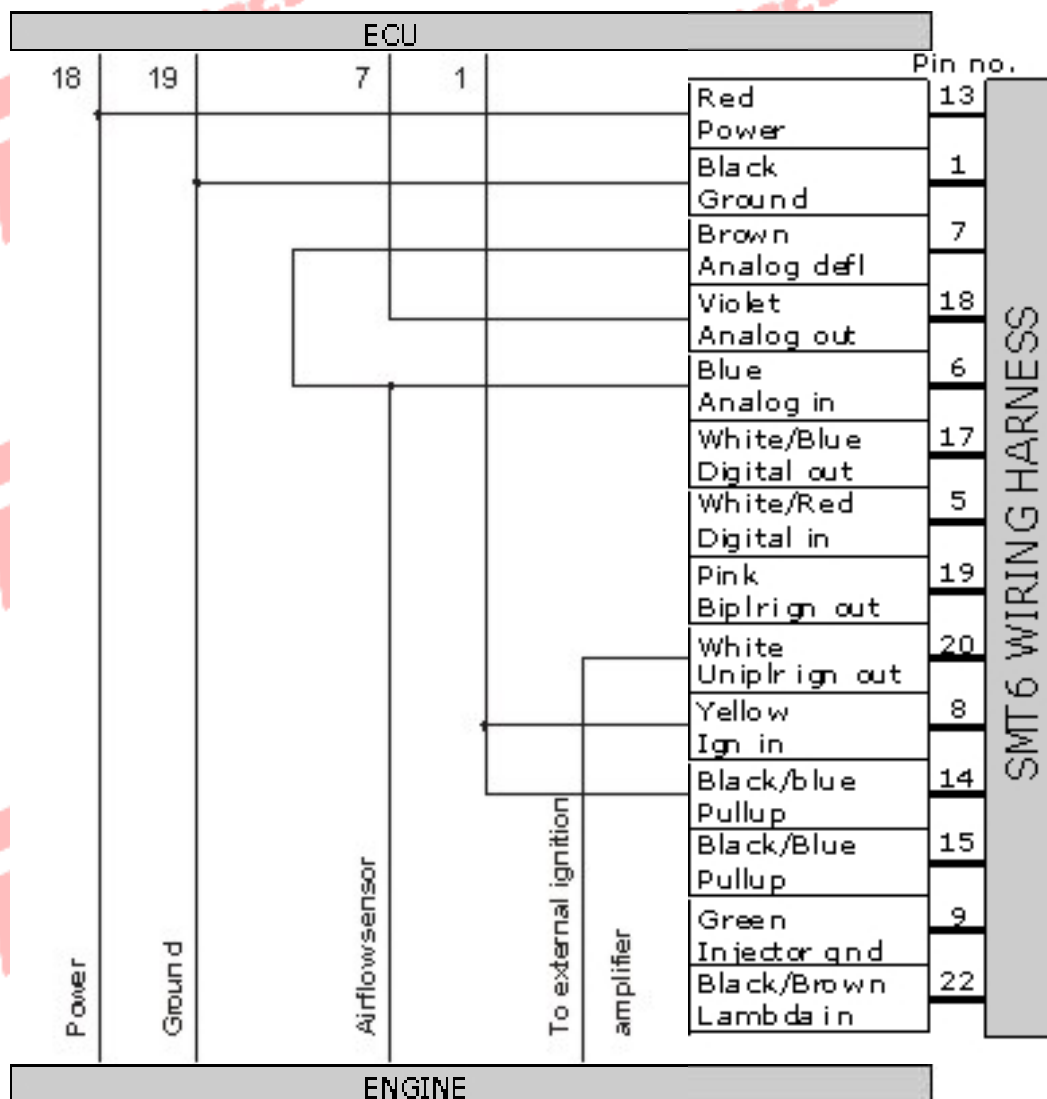
Vehicle make: BMW

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.