

PCU Wiring Pin Outs

Part # 68021, 68022,68023

BUICK

<u>Year</u>	<u>Model</u>	<u>Engine</u>	<u>TPS Wire Color</u>	<u>TPS Location</u>	<u>MAP/ MAF Wire Color</u>	<u>MAP/ MAF Location</u>	
2005-2007	LACROSSE	3.6L	DK GRN	1	ORG/BLK	L	
2005-2006	LACROSSE	3.8L	LT GRN	1	YELLOW	L	(**)
1996	REGAL	3.1L	DK BLUE	1	LT-GREEN	A	
1996	REGAL	3.8L	DK BLUE	1	LT-GREEN	A	
1997	REGAL	3.1L	DK BLUE	1	LT-GREEN	A	
1997	REGAL	3.8L 1	DK BLUE	1	LT-GREEN	B	
1997	REGAL	3.8L K	DK BLUE	1	LT-GREEN	C	
1998-2004	REGAL	3.8L 1	DK BLUE	1	LT-GREEN	B	
1998-2004	REGAL	3.8L K	DK BLUE	1	LT-GREEN	D	
2005-2007	RENDEVOUS	3.4/3.5L	DK BLUE	1	LT-GREEN	G	
2005-2006	RENDEVOUS	3.6L	DK GRN	1	ORG/BLK	L	

CHEVROLET

<u>Year</u>	<u>Model</u>	<u>Engine</u>	<u>Color</u>	<u>TPS Location</u>	<u>MAP/ MAF Wire Color</u>	<u>MAP/ MAF Location</u>	
1996-1997	CAVALIER	2.2L/2.4L	DK BLUE	1	LT-GREEN	E	
1998-2002	CAVALIER	2.2L	DK BLUE	1	LT-GREEN	F	
1998-2002	CAVALIER	2.4L	DK BLUE	1	LT-GREEN	F	
2002-2005	CAVALIER	2.2L	DK BLUE	1	LT-GREEN	E	
2005-2007	COBALT	2.2L	DK GRN	1	LT-GREEN	G	
2006-2007	COBALT	2.4L	DK GRN	1	LT-GREEN	A	
1996	CORSICA	2.2L	DK BLUE	1	LT-GREEN	A	
1996	CORSICA	3.1L	DK BLUE	1	LT-GREEN	B	
2006-2007	HHR	2.2L/2.4L	DK GRN	1	LT-GREEN	A	
2000-2007	IMPALA	3.4L/3.5L	DK GRN	1	LT-GREEN	H	
2000-2007	IMPALA	3.8L/3.9L	DK GRN	1	LT-GREEN	A	
2008	IMPALA	3.5L	DK GRN	1	YELLOW	M	
1996-2000	LUMINA	3.1L/3.4L	DK BLUE	1	LT-GREEN	A	
1999-2000	LUMINA	3.8L	DK BLUE	1	LT-GREEN	G	

2004-2006	MALIBU	2.2L	DK BLUE	1	LT-GREEN	G
2007-	MALIBU	2.2L	DK GRN	1	LT-GREEN	A
1997-1999	MALIBU	2.4L	DK BLUE	1	LT-GREEN	G
1997-1999	MALIBU	3.1L	DK BLUE	1	LT-GREEN	B
2000-2003	MALIBU	3.1L	DK BLUE	1	LT-GREEN	A
2004-2007	MALIBU	3.5L/3.9L	DK GREEN	1	LT-GREEN	A
1996-1999	M-CARLO	3.1L/3.4L	DK BLUE	1	LT-GREEN	A
2000-2005	M-CARLO	3.4L	DK BLUE	1	LT-GREEN	H
2000-2005	M-CARLO	3.8L	DK BLUE	1	LT-GREEN	A
2006-2007	M-CARLO	3.5L/3.9L	DK GREEN	1	LT-GREEN	A

OLDSMOBILE

<u>Year</u>	<u>Model</u>	<u>Engine</u>	<u>Color</u>	<u>TPS</u> <u>Location</u>	<u>MAP/</u> <u>MAF Wire</u> <u>Color</u>	<u>MAP/</u> <u>MAF</u> <u>Location</u>
2000-2003	ALERO	2.4L	DK BLUE	1	LT-GREEN	J
2000-2004	ALERO	3.4L	DK BLUE	1	LT-GREEN	I
1996-1997	AURORA	4.0L	DK BLUE	1	LT-GREEN	B
1998-1999	AURORA	4.0L	DK BLUE	1	LT-GREEN	I
2001-2003	AURORA	3.5L	DK BLUE	1	LT-GREEN	I
2001-2003	AURORA	4.0L	DK BLUE	1	LT-GREEN	I
2000-2003	INTRIGUE	3.5L	DK BLUE	1	LT-GREEN	K

PONTIAC

<u>Year</u>	<u>Model</u>	<u>Engine</u>	<u>Color</u>	<u>TPS</u> <u>Location</u>	<u>MAP/</u> <u>MAF Wire</u> <u>Color</u>	<u>MAP/</u> <u>MAF</u> <u>Location</u>
1996-1997	BONNEVILLE	3.8L	DK BLUE	1	LT-GREEN	G
1996-1997	BONNEVILLE	3.8L	DK BLUE	1	LT-GREEN	A
1998	BONNEVILLE	3.8L	DK BLUE	1	LT-GREEN	I
1999	BONNEVILLE	3.8L	DK BLUE	1	LT-GREEN	B
1999	BONNEVILLE	3.8L	DK BLUE	1	LT-GREEN	A
2000-2005	BONNEVILLE	3.8L	DK BLUE	1	LT-GREEN	I
2000-2005	BONNEVILLE	3.8L	DK BLUE	1	LT-GREEN	G
2004-2005	BONNEVILLE	4.6L	DK BLUE	1	LT-GREEN	E
2007-	G5	2.2L	DK GRN	1	LT-GREEN	G
2007	G5	2.4L	DK GRN	1	LT-GREEN	G
2006-2007	G6	2.4L	DK GRN	1	LT-GREEN	J
2006-2007	G6	3.5,3.6,3.9L	DK GRN	1	LT-GREEN	A
1996-1997	GRAND AM	2.4L	DK BLUE	1	LT-GREEN	G
1996-1997	GRAND AM	3.1L	DK BLUE	1	LT-GREEN	I
1998	GRAND AM	2.4L/3.1L	DK BLUE	1	LT-GREEN	J
1999-2005	GRAND AM	2.2L/2.4L	DK BLUE	1	LT-GREEN	J
1999-2005	GRAND AM	3.4L	DK BLUE	1	LT-GREEN	I
1996-1997	GRAND PRIX	3.1L/3.4L	DK BLUE	1	LT-GREEN	A
1997-1999	GRAND PRIX	3.8L	DK BLUE	1	LT-GREEN	B
1997-1999	GRAND PRIX	3.8L	DK BLUE	1	LT-GREEN	A
1998-2003	GRAND PRIX	3.1L	DK BLUE	1	LT-GREEN	B
2000-2005	GRAND PRIX	3.8L	DK BLUE	1	LT-GREEN	B
2000-2005	GRAND PRIX	3.8L	DK BLUE	1	LT-GREEN	D
2006-2007	GRAND PRIX	3.8L	DK BLUE	1	LT-GREEN	C
2006-2007	GRAND PRIX	5.3L	DK BLUE	1	LT-GREEN	B
2007	SOLSTICE	2.0L	DK GRN	1	LT-GREEN	J
2006-2007	SOLSTICE	2.3L	DK GRN	1	LT-GREEN	J

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Vehicle/Connector type 02 Sensor Signal
Wire Color

Acura/Honda 4 Wire Connector	Black
Alfa Romeo 3 Wires	Black
Audi 3 Wires	Black
BMW 3 Wires	Black
BMW 4 Wires	Black
Chrysler 3 Wires	Black
Chrysler 4 Wires	Black
Chrysler Import 4 Wires	Black,Blue or Yellow
Ford 3 Wires	Black
Ford 4 Wires	Black
Geo 4 Wires	Black
GM 2 Wires	Black
GM 3 Wires	Black orPurple
GM 4 Wires	Black orPurple
Isuzu 3 Wires	Blue
Isuzu 4 Wires	Blue
Kia 3 Wires	Black
Lancia 3 Wires	Black
Mazda 3 Wires	Black
Mazda 4 Wires	Black
Mercury 3 Wires	Black
Mercury 4 Wires	Black
Mitsubishi 4 Wires	Black,Blue or Yellow
Nissan 3 Wires	Black
Nissan 4 Wires	Black
Subaru 3 Wires	Black
Suzuki 4 wires	Black

TPS LOCATION

1 ON SIDE OF THROTTLE BODY, OPPOSITE THROTTLE LINKAGE (IF EQUIPPED)

MAP LOCATION

- A ON TOP OF ENGINE, ON INTAKE PLENUM
- B TOP REAR OF ENGINE, ABOVE VALVE COVER
- C TOP OF ENGINE RIGHT SIDE OF INTAKE MANIFOLD
- D TOP OF ENGINE IN FRONT OF INTAKE MANIFOLD
- E MOUNTED ON TOP OF THROTTLE BODY
- F MOUNTED ON SIDE OF THROTTLE BODY
- G TOP FRONT OF ENGINE
- H ON RIGHT REAR OF INTAKE PLENUM
- I ON TOP RIGHT SIDE OF ENGINE
- J LEFT SIDE OF ENGINE
- K TOP REAR OF ENGINE, BY THROTTLE BODY
- L IN AIR INTAKE TUBE
- M ON AIR CLEANER DUCT

FOOTNOTES:

(**) INDICATES THE CONNECTION IS AT THE MAF (MASS AIR FLOW) SENSOR
ALL OTHERS CONNECT TO THE MAP (MANIFOLD ABSOLUTE PRESSURE) SENSOR

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