

Vehicle Application Guide

Make	Years	Model	Interface Wire Color	Interface Connector	Pin Number and Color	Cut Purple?	Cut Brown?	Version	NoteID	Additional Notes	CAN Interface?
Acura	1992-1998	All models	White	Honda16	Pin 12	No	No	3	11	Some earlier models may have separate connector with one wire or the 12 Pin connector may have three separate wires for the dash buttons, use resistor kit.	
Acura	1999-2004	All models	White	Honda20	Pin 3	No	No	3	11		
Acura	2005-2006	MDX	White	Honda20	Pin 3	No	No	3	11		
Acura	2004-2008	TL	White	Honda20	Pin 3	No	No	3	11		
Acura	2005-2006	TSX	White	Honda20	Pin 3	No	No	3	11		
Audi	2003-2007	A4	Orange	Go-To-SWICAN	Pin 11 (White/Yellow)	No	No	2	3	Use only the Programming Instructions from this page. Use the connections instructions included with the CAN Interface.	Yes
Audi	2002-2005	A6	Orange	Go-To-SWICAN	Pin 11 (White/Yellow)	No	No	2	3	Use only the Programming Instructions from this page. Use the connections instructions included with the CAN Interface.	Yes
BMW	2002-2005	3 series	Yellow		White/Red/Yellow-dots or White/Gray/Yellow-dots	No	No	5	6		
BMW	1999-2002	3 Series (Coupe Only)	Yellow		White/Red/Yellow-dots or White/Gray/Yellow-dots	No	No	5	6		
BMW	2002-2003	5 Series	Yellow		White/Red/Yellow-dots or White/Gray/Yellow-dots	No	No	5	6		
BMW	2000-2001	All BMW	Yellow		White/Red/Yellow-dots	No	No	5	6		
BMW	1995-1999	All series	Yellow	BMW17	Pin 7	No	No	5	6	Note what color wire is in Pin 7 and find it at the steering wheel column.	
BMW	2002-2006	X3	Yellow		White/Red/Yellow-dots or White/Gray/Yellow-dots	No	No	5	6		
BMW	2002-2006	X5	Yellow		White/Red/Yellow-dots or White/Gray/Yellow-dots	No	No	5	6		
BMW	2004	Z4	Yellow		White/Red/Yellow-dots or White/Gray/Yellow-dots	No	No	5	6		
Buick	1992-2003	All models with air bag, with heater controls, 32 Pin connector	Green	GM32	Pin E5 or E6 (Dk. Blue or Lt. Green)	No	No	4	1	Connect Interface's Blue wire to Pin E1 (Dk. Green)	
Buick	1992-2003	All models with air bag, without heater controls, 32 Pin connector	Green	GM32	Pin E5 or E6 (Dk. Blue or Lt. Green)	No	No	1	1		
Buick	1988-1992	All models with no air bag	Yellow	GM7	Pin 8 or 7 (Green)	No	No	10	1	Green wire may be in separate 15-Pin plug	
Buick	2005-2007	Aurora	Green	GM24	Pin A7 (Blue or Green)	No	No	1	1	Connect Pin A6 (Pink or Violet) to Accessory +12V	
Buick	2004-2005	Century	Green	GM24	Pin A7 (Dk. Blue)	No	No	1	1	Connect Pin A6 (purple) to +12v accessory	
Buick	2008	Enclave	Green	GM7SUV	Pin 6 (Blue)	No	Yes	1	12	This connector is at the BCM.	
Buick	2005-2007	Lacrosse	Green	GM24	Pin A7 (Blue or Green)	No	No	1	1	Connect Pin A6 (Pink or Violet) to Accessory +12V. Heater controls can not be retained.	
Buick	2006-2007	Luxure	Green	GM7SUV	Pin 6	No	Yes	1	12	This is a green connector (c1) located at the BCM (behind the glove box)	
Buick	!	Other make GM vehicles that have ribbon like connector that stays in the dash.	Green		Pin D8 (Dk. Blue or Lt. Green), 40-Pin plug next to steering column	No	Yes	1	1	Tap Interface's wire into vehicles wire, do not cut vehicle's wire in half.	
Buick	2003-2005	Park Avenue	Green	GM32	Pin E5 or E6 (Lt. Green)	No	No	4	1	Connect Interface's Blue wire to Pin E1 (Dk. Green)	
Buick	2004-2005	Rainier	Green	Trailblazer	Tap into Pin A12 (Lt. Green)	No	Yes	1	1	This plug is at the steering wheel column. The plug at radio cannot be interfaced.	
Buick	2004	Regal	Green	GM24	Pin A7 (Blue or Green)	No	No	1	1	Connect Pin A6 (Pink or Violet) to Accessory +12V	
Buick	2003-2007	Renegade	Green	GM24	Pin A7 (Blue or Green)	No	No	1	1	Connect Pin A6 (Pink or Violet) to Accessory +12V	
Buick	2005-2007	Terraza	Green	GM24	Pin A7 (Blue or Green)	No	No	1	1	Connect Pin A6 (Pink or Violet) to Accessory +12V	
Cadillac	1992-2002	All models with heater controls	Green		Pin D8 (Dk. Blue or Lt. Green), 40-Pin plug next to steering column	No	Yes	1	1	Tap Interface's wire into vehicles wire, do not cut vehicle's wire in half.	
Cadillac	1992-2002	All models without heater controls	Green		Pin D8 (Dk. Blue or Lt. Green), 40-Pin plug next to steering column	No	No	1	1	Tap Interface's wire into vehicles wire, do not cut vehicle's wire in half. Light Green wire may also be in a 4 Pin plug.	
Cadillac	1997-2001	Catera	White	GM32	Blue/Red	No	No	3	1		
Cadillac	2003-2007	CTS	Green	CTS	Pin #13 (Blue wire)	No	No	1	1	Connect Pin #2 (purple in the 8-Pin C3 harness) to accessory +12V. THE ROTARY KNOB IS NOT PROGRAMMABLE!	
Cadillac	1998-1999	Deville	Green		Pin 18 (Dk. Blue)	No	Yes	1	1	4 Pin plug right side of steering wheel column. Pin location C Dark Blue	
Cadillac	2000-2005	Deville	Green		Pin D8 (Dk. Blue or Lt. Green), 40-Pin plug next to steering column	No	Yes	1	1	Tap Interface's wire into vehicles wire, do not cut vehicle's wire in half.	
Cadillac	2006-2007	DTA	Green	GM7SUV	Pin 6 (Blue)	No	Yes	1	12	This wire is located at the BCM, c1. This connector is Light Green in color. The BCM is located on the passenger side dash.	
Cadillac	1999-2002	Escalade	Green	GM21	Pin 13 or 14 (Dk. Blue, Lt. Green or Violet/Black)	No	No	1	5		
Cadillac	2007	Escalade	Green	GM7SUV	Pin 6 (green wire)	No	Yes	1	12	This wire is located at the BCM, c1. This connector is green in color.	
Cadillac	2003-2006	Escalade (rear controls not supported)	Green	SUV	Tap into Pin B31 (Lt. Green)	No	Yes	1	1	This plug is at the steering wheel column.	
Cadillac	1998-2004	Seville	Green		Pin D8 (Dk. Blue or Lt. Green), 40-Pin plug next to steering column	No	Yes	1	1	Tap Interface's wire into vehicles wire, do not cut vehicle's wire in half.	
Cadillac	2004-2006	SRX (with Factory Navigation)	Green	Caddy1	Pin 11 (dk. blue)	No	No	1	1	Connect Pin 10 (purple) to +12v accessory.	
Cadillac	2004-2006	SRX (without Factory Navigation)	Green	CTS	Pin 13 (Blue wire)	No	No	1	1	Connect Pin #2 (purple in the 8-Pin C3 harness) to accessory +12V	
Cadillac	2003-2007	STS	Green	STS	Pin 18 (Dk. Blue)	Yes	No	1	12	The IPM module is located behind the Glove Box.	
Cadillac	2004-2007	XLR	Green	Caddy1	Pin 11 (dk. blue)	No	No	1	1	Connect Pin 10 (purple) to +12v accessory.	
Chevrolet	2003-2006	All full size trucks, SUV's (rear controls not supported)	Green	SUV	Tap into Pin B31 (Lt. Green)	No	Yes	1	1	This plug is at the steering wheel column. The plug at radio cannot be interfaced.	
Chevrolet	2007	All Full-size Trucks (Non-Class) and SUV's	Green	GM7SUV	Pin 6 (Lt. Green)	No	Yes	1	12	This is a green connector (c1) located at the BCM.	
Chevrolet	2000-2005	All with 24 Pin connector. Except SUV's and Trucks	Green	GM24	Pin A7 (Blue or Green)	No	No	1	1	Connect Pin A6 (Pink or Violet) to Accessory +12V	
Chevrolet	1992-2002	All with air bag, without heater controls, 21 Pin connector	Green	GM21	Pin 13 or 14 (Dk. Blue, Lt. Green or Violet/Black)	No	No	1	5		
Chevrolet	2007	Cobalt	Green	Solstice	Pin 11 (dk. blue) in connector 1	No	No	1	1	Connect Pin 14 (white/black) in connector 2 to +12v accessory.	
Chevrolet	2005-2006	Cobalt	Green	GM24	Pin A9 Dark Blue	No	No	1	1	Connect Pin A10 White/Black to +12v accessory.	
Chevrolet	2007-2008	Corvette	Green	Pin A7 (Blue)	Pin A7 (Blue)	No	No	1	1	Connect Pin #6 (purple) to Accessory +12V	
Chevrolet	2005-2006	Equinox	Green	GM24	Pin A9 Dark Blue	No	No	1	1	Connect Pin A10 White/Black to +12v accessory.	
Chevrolet	2007	Equinox	Green	GM7SUV	Pin 6 (Blue)	No	Yes	1	12	The BCM c1 is a green connector. The BCM is located directly behind the radio.	
Chevrolet	2006-2007	HRR	Green	Solstice	Pin # 11 (Dark Blue) in connector 1	No	No	1	1	Connect Pin # 14 (White/Black) in connector 2 to accessory +12v	
Chevrolet	2006-2007	Impala / Monte Carlo	Green	GM7SUV	Pin 6 (Blue)	No	Yes	1	12	This wire is located at the BCM, c1. This connector is green in color.	
Chevrolet	2004-2007	Malibu	Green	GM24	Pin A9 Dark Blue	No	No	1	1	Connect Pin A10 White/Black to +12v accessory.	
Chevrolet	2007	Silverado Classic	Green	SUV	B31 (Lt. Green)	No	Yes	1	1	This plug is at the steering wheel column.	
Chevrolet	2003-2006	SSR	Green	Trailblazer	Tap into Pin A12 (Lt. Green)	No	Yes	1	1	This plug is at the steering wheel column.	
Chevrolet	2003-2007	Trail Blazer	Green	Trailblazer	Tap into Pin A12 (Lt. Green)	No	Yes	1	1	This plug is at the steering wheel column.	
Chevrolet	2005-2007	Uplander	Green	GM24	Pin A7 (Blue or Green)	No	No	1	1	Connect Pin A6 (Pink or Violet) to Accessory +12V	
Chrysler	2005-2007	300c	Go-To-SWICAN			No	No	2	3	Use only the Programming Instructions from this page. Use the connections instructions included with the CAN Interface.	Yes
Chrysler	2001-2004	300m	White		Gray/White	No	No	8	10		
Chrysler	1992-1998	All models	White		Black/Orange	No	No	2	10		
Chrysler	2007	Aspen	Go-To-SWICAN			No	No	2	3	Use only the Programming Instructions from this page. Use the connections instructions included with the CAN Interface.	Yes
Chrysler	1999-2000	Caravan, Voyager, Town & Country	White		Red/Black	No	No	8	10		
Chrysler	2001-2007	Caravan, Voyager, Town & Country	White		Gray/White	No	No	8	10		
Chrysler	2001-2004	Concorde	White		Gray/White	No	No	8	10		
Chrysler	2004-2007	Pacifica	White		Gray/White	No	No	8	10		
Chrysler	2002	Prowler	White		Red/Blue	No	No	8	10		
Chrysler	2004-2005	Sebring Convertible and Sedan	White		Black/Red	Yes	No	9	1	Wire is in steering wheel column in white or gray plug. Remove cover around key cylinder.	
Chrysler	2005-2005	Sebring Coupe	White		Green/Orange, 2-Pin plug behind radio.	No	No	8	1	Connect Green/Black to ground.	
Dodge	1992-1998	All models	Green		Black/Orange	No	No	2	10		
Dodge	2007	Caliber	Go-To-SWICAN			No	No	2	3	Use only the Programming Instructions from this page. Use the connections instructions included with the CAN Interface.	Yes
Dodge	1999-2000	Caravan, Voyager, Town & Country	White		Red/Black	No	No	8	10		
Dodge	2001-2007	Caravan, Voyager, Town & Country	White		Gray/White	No	No	8	10		
Dodge	2005-2007	Charger	Go-To-SWICAN			No	No	2	3	Use only the Programming Instructions from this page. Use the connections instructions included with the CAN Interface.	Yes
Dodge	1999-2005	Dakota	White		Red/Black	No	No	8	10		
Dodge	2004-2007	Durango	Go-To-SWICAN			No	No	2	3	2001 and 2005 is Gray/White wire, not Red/Black.	
Dodge	1999-2003	Durango	White		Red/Black	No	No	8	10	Use only the Programming Instructions from this page. Use the connections instructions included with the CAN Interface.	Yes
Dodge	2001-2004	Intrepid	White		Gray/White	No	No	8	10		
Dodge	2005-2007	Magnum	Go-To-SWICAN			No	No	2	3	Use only the Programming Instructions from this page. Use the connections instructions included with the CAN Interface.	Yes
Dodge	2003-2007	Ram	White		Gray/White	No	No	8	10		
Dodge	2008-2007	Ram	Go-To-SWICAN			No	No	2	3	Use only the Programming Instructions from this page. Use the connections instructions included with the CAN Interface.	Yes
Dodge	1999-2002	Ram	White		Red/Black	No	No	8	10		
Dodge	1991-1996	Stealth	Yellow		Yellow/White, 6-Pin plug behind radio.	No	No	5	1		
Dodge	2004-2005	Stratus Convertible and Sedan	White		Black/Pink	Yes	No	9	1	Wire is in steering wheel column in white or gray plug. Remove cover around key cylinder.	
Dodge	2002-2005	Stratus Coupe	White		Green/Orange, 2-Pin plug behind radio.	No	No	8	1	Connect Green/Black to ground.	
Ford	1996-1997	Aerostar	Yellow	Ford2	Pin 2 (Tan, Pink/White, Lt. Blue/Red or Lt. Blue/Black)	No	No	5	1		
Ford	1998-2002	Crown Victoria	White	Ford20	Pin 14 (Lt. Blue/Red)	No	No	3	1		
Ford	2003-2007	Crown Victoria	White	Ford24	Pin 18 (Lt. Blue/Red)	No	No	3	1		
Ford	1994-1996	Econoline	Yellow	Ford2	Pin 2 (Tan, Pink/White or Lt. Blue/Red)	No	No	5	1		
Ford	2008	Escape	White	Ford24	Pin 18 (Gray/Yellow)	Yes	No	9	1	Cut the purple loop then connect a 100 ohm resistor to the second purple wire, cap off the first (outside edge) purple wire. Connect other end of resistor to the white wire (Fig 3). The white wire also connects to Pin 18 in the car. Connect Pin 19 Blue/White wire to ground.	
Ford	2002-2005	Excursion - front controls	White	Ford20	Pin 14 (Lt. Blue/Red)	No	No	3	1		
Ford	2002-2005	Excursion - rear controls	Orange	Ford20	Pin 6 (Lt. Blue/Pink)	No	No	6	1	Connect Pin 5 (Lt. Green/Black) to Accessory +12v	
Ford	2007	Expedition	White	Ford24	Pin 18 (Gray/Yellow)	Yes	No	9	1	Cut the purple loop then connect a 100 ohm resistor to the second purple wire, cap off the first (outside edge) purple wire. Connect other end of resistor to the white wire (Fig 3). The white wire also connects to Pin 18 in the car. Connect Pin 19 Blue/White wire to ground.	
Ford	1999-2002	Expedition - front controls	White	Ford20	Pin 14 (Lt. Blue/Red)	No	No	3	1		
Ford	2003-2006	Expedition - front controls	White	Ford24	Pin 18 (Lt. Blue/Red)	No	No	3	1		
Ford	1998	Expedition - rear controls	Orange	Ford16	Pin 16 (Lt. Blue/Pink)	No	No	6	1	Connect Pin 3 (Lt. Green/Black) to Accessory +12v	
Ford	1998-2002	Expedition - rear controls	Orange	Ford20	Pin 6 (Lt. Blue/Pink)	No	No	6	1	Connect Pin 5 to Accessory +12v	
Ford	2003-2006	Expedition - rear controls	Orange	Ford16a	Pin 3 (Lt. Blue/Red)	No	No	6	1	Connect Pin 6 (Lt. Green/Black) to Accessory +12v	
Ford	2006	Expedition w/ Factory NAV	White	Focus	Pin 11 (Lt. Blue/Red)	No	No	3	1		
Ford	1998	Explorer	Orange	Ford16	Pin 9 (Lt. Blue/Pink)	No	No	6	1	Connect Pin 6 (Lt. Green/Black) to Accessory +12v	
Ford	2004-2005	Explorer - 28 Pin plug	White	Ford20	Pin 14 (Yellow)	No	No	3	1		
Ford	2004-2005	Explorer - 24 Pin plug	White	Ford24	Pin 18 (Yellow)	No	No	3	1		
Ford	1999-2003	Explorer - front controls	White	Ford20	Pin 14 (Lt. Blue/Red)	No	No	3	1	Pin 14 wire color is Yellow for year 2002-2003.	
Ford	1995-1997	Explorer - rear controls	Orange	Ford16	Pin 9 or 13 (Lt. Blue/Pink)	No					

Make	Years	Model	Interface Wire Color	Interface Connector	Pin Number and Color	Cut Purple?	Cut Brown?	Version	NoteID	Additional Notes	CAN Interface?
Lincoln	2004-2006	Navigator	White	For24	Pin 18 (L. Blue/Red)	No	No	3	1		
Lincoln	2007	Navigator	White	For24	Pin 18 Gray/Yellow	Yes	No	9	1	Cut the purple loop then connect a 100 ohm resistor to the second purple wire, cap off the first (outside edge) purple wire. Connect other end of resistor to the white wire (Fig 3). The white wire also connects to Pin 18 in the car. Ground Pin 19 Blue/White wire.	
Lincoln	1999-2003	Navigator - front controls	White	For20	Pin 14 (L. Blue/Red)	No	No	3	1		
Lincoln	1999-2003	Navigator - rear controls	Orange	For20	Pin 6 (L. Blue/Pink)	No	No	6	1	Connect LT. Green/Black (Pin 3) to Accessory +12V	
Lincoln	1995-1997	Town Car	Orange	For16	Pin 12 or 16 (L. Blue/Pink)	No	No	6	1	Connect LT. Green/Black (Pin 3 or 5) to Accessory +12V	
Lincoln	1998-2002	Town Car	White	For20	Pin 14 (L. Blue/Red)	No	No	3	1		
Lincoln	2003-2007	Town Car	White	For24	Pin 18 (L. Blue/Red)	No	No	3	1		
Lincoln	2006-2007	Zephyr / MKZ / MKZ	White	For24	Pin 18 Gray/Yellow	Yes	No	9	1	Cut the purple loop then connect a 100 ohm resistor to the second purple wire, cap off the first (outside edge) purple wire. Connect other end of resistor to the white wire (Fig 3). The white wire also connects to Pin 18 in the car. Ground Pin 19 Blue/White wire.	
Mazda	All	All models with 14 Pin connector	White	Mazda14	Pin 8	No	No	3	1		
Mazda	All	All models with 24 Pin connector	White	Mazda24	Pin 9	No	No	3	1	Connect Pin 10 to ground if available. Test Pin 9 for resistance to ground. Each button will show a different resistance for each button pressed.	
Mercedes	2003-2004	CLK-320	Orange	Go-To-SWICAN		No	No	2	3	Use only the Programming Instructions from this page. Use the connections instructions included with the CAN interface.	Yes
Mercedes	2003-2004	CLK-320	Orange	Go-To-SWICAN		No	No	2	3	Use only the Programming Instructions from this page. Use the connections instructions included with the CAN interface.	Yes
Mercury	1996-1997	Grand Marquis	Orange	For16	Pin 12 or 16 (L. Blue/Pink)	No	No	6	1	Connect LT. Green/Black (Pin 3 or 5) to Accessory +12V	
Mercury	1998-2002	Grand Marquis	White	For20	Pin 18 (L. Blue/Red)	No	No	3	1		
Mercury	2003-2005	Grand Marquis / Marauder	White	For24	Pin 18 (L. Blue/Red)	No	No	3	1		
Mercury	2008	Mariner	White	For24	Pin 18 (grey/yellow)	Yes	No	9	1	Cut the purple loop then connect a 100 ohm resistor to the second purple wire, cap off the first (outside edge) purple wire. Connect other end of resistor to the white wire (Fig 3). The white wire also connects to Pin 18 in the car. Ground Pin 19 Blue/White wire.	
Mercury	2006-2007	Milan	White	For24	Pin 18 Gray/Yellow	Yes	No	9	1	Cut the purple loop then connect a 100 ohm resistor to the second purple wire, cap off the first (outside edge) purple wire. Connect other end of resistor to the white wire (Fig 3). The white wire also connects to Pin 18 in the car. Ground Pin 19 Blue/White wire.	
Mercury	2005-2007	Montego	White	For24	Pin 18 (L. Blue/Red)	No	No	3	1		
Mercury	2004-2007	Monteury	White	For24	Pin 18 (L. Blue/Red)	No	No	3	1		
Mercury	1998	Mountaineer	Orange	For16	Pin 18 (L. Blue/Pink)	No	No	6	1	Connect Pin 6 (L. Green/Black) to Accessory +12V	
Mercury	2006-2007	Mountaineer	White	For24	Pin 18 Gray/Yellow	Yes	No	9	1	Cut the purple loop then connect a 100 ohm resistor to the second purple wire, cap off the first (outside edge) purple wire. Connect other end of resistor to the white wire (Fig 3). The white wire also connects to Pin 18 in the car. Ground Pin 19 Blue/White wire.	
Mercury	2004-2005	Mountaineer - 20 Pin connector	White	For20	Pin 14 (Yellow)	No	No	3	1		
Mercury	2004-2005	Mountaineer - 24 Pin connector	White	For24	Pin 18 (Yellow)	No	No	3	1		
Mercury	1999-2003	Mountaineer - front controls	White	For20	Pin 14 (L. Blue/Red)	No	No	3	1	Pin 14 wire color is Yellow for year 2002-2003.	
Mercury	1999-2003	Mountaineer - rear controls	Orange	For20	Pin 6 (L. Blue/Pink)	No	No	6	1	Connect LT. Green/Black (Pin 3) to Accessory +12V	
Mercury	1992-1995	Sable (with dash mount controls)	Yellow	For2	Pin 2 (Tan, Pink/White, L. Blue/Red or L. Blue/Black)	No	No	5	1		
Mercury	1993-1998	Villager	Yellow	For2	Pin 2 (Tan, Pink/White, L. Blue/Red or L. Blue/Black)	No	No	5	1		
Mercury	1999-2002	Villager	White	For20	Pin 14 (L. Blue/Red, Yellow or White/Black)	No	No	3	1		
Mini	2003-2006	Cooper	Yellow	For16	White/Red/Yellow Dots	No	No	5	6		
Mitsubishi	All-2001	All other models	Yellow	For16	Yellow/White	No	No	5	1	Usually a separate 4 Pin connector with one wire. Connect Interface's yellow wire to vehicle's wire.	
Mitsubishi	1985	Conquest	Yellow	For16	Yellow/White	No	No	5	1	Connect the Interface's yellow wire to LT. Green/Black. Connect the L. Blue/White wire to Accessory +12V and the Black wire to ground.	
Mitsubishi	2001-2002	Diamante	Yellow	For16	LT. Green/Black, 6-Pin plug behind radio	No	No	5	1	Connect the Green/Black wire to ground.	
Mitsubishi	2002-2006	Eclipse	White	For16	Green/Orange (plug behind radio)	No	No	8	1	Also connect Green/Black to chassis ground.	
Mitsubishi	2006	Galant	White	Galant	Green/Orange	No	No	8	1	Connect the Blue/White wire to Accessory +12V and the Black wire to ground.	
Mitsubishi	1985	Sileno	Yellow	For16	LT. Green/Black	No	No	5	1	Connect the Blue/White wire to Accessory +12V and the Black wire to ground.	
Nissan	All	All	White	For16	LT. Green/Black	No	No	3	1	Vehicles with cruise controls on steering wheel, need to keep factory tuner which is separate from the head unit, needs to keep plugged in. Rotary volume knob is not usable. Test to locate a separate wire for each button.	
Nissan	2006-2007	350Z	White	Nissan 350z		No	No	3	1	With BOSE® - Connect a 150 ohm resistor to Pin 22 in the vehicle connector. Connect 47 ohm resistor to Pin 23 in the vehicle connector. Connect the free ends of the resistors to the INTERFACES White wire (Fig4). Connect Pin 23 in the vehicle connector to Ground. Without BOSE® - Connect a 150 ohm resistor to Pin 21 in the vehicle connector. Connect 47 ohm resistor to Pin 22 in the vehicle connector. Connect the free ends of the resistors to the INTERFACES White wire (Fig4). Connect Pin 23 in the vehicle connector to Ground.	
Nissan	All-2001	All Models	White	For16		No	No	3	9		
Nissan	2002-2004	Altima	White	Maxima 16a		No	No	3	1	Connect a 150 ohm resistor to the Green wire. Connect a 47 ohm resistor to the Red/White wire. Connect the free ends of resistors to the Interface's white wire (Fig4). Connect the Blue wire to ground.	
Nissan	2005-2006	Altima	White	Altima16		No	No	3	1	Connect a 150 ohm resistor to the Green wire (Pin 75). Connect a 47 ohm resistor to the Red/White wire (Pin 74). Connect the free ends of resistors to the Interface's white wire (Fig4). Connect the Blue wire to ground.	
Nissan	2007-2008	Altima	White	Nissan08		No	No	3	13		
Nissan	2004-2007	Armada	White	Titan		No	No	3	8		
Nissan	2008	Armada	White	Nissan08		No	No	3	13		
Nissan	2000-2003	Frontier	White	Frontier16		No	No	3	1		
Nissan	2005-2007	Frontier	White	Altima16		No	No	3	1	Connect a 150 ohm resistor to the Gray wire. Connect a 47 ohm resistor to the Red wire. Connect the free ends of resistors to the Interface's white wire (Fig4). Connect the Blue wire to ground.	
Nissan	2001	Maxima	White	Maxima 16a		No	No	3	9	Vehicle wire colors: Brown/White, Green/Black, Yellow/Red, Blue/Yellow, Red	
Nissan	2002-2003	Maxima	White	Maxima 16a		No	No	3	1	Connect a 150 ohm resistor to the Blue/Yellow wire. Connect a 47 ohm resistor to the Green/Black or Red. Connect the free ends of resistors to the Interface's white wire (Fig4). Connect the Brown / White to ground.	
Nissan	2004-2006	Maxima	White	Maxima16b		No	No	3	8		
Nissan	2007	Maxima	White	Nissan08		No	No	3	13		
Nissan	2003-2007	Murano	White	Maxima16b		No	No	3	8		
Nissan	2000-2001	Pathfinder	White			No	No	3	9	Vehicle wire colors: Brown/White, Green/Black, Yellow/Red, Blue/Yellow, Red	
Nissan	2002-2004	Pathfinder	White	Maxima 16a		No	No	3	1	Connect a 150 ohm resistor to Pin #27(Blu/Yel). Connect a 47 ohm resistor to Pin# 26(Grn/Blk or Red). Connect the free ends of resistors to the Interface's white wire (Fig4). Connect Pin# 29(Brn/Wh) to ground.	
Nissan	2008	Pathfinder	White	Nissan08		No	No	3	13		
Nissan	2005-2007	Pathfinder / Xterra	White	Nissan16		No	No	3	1	Connect a 150 ohm resistor to the Red vehicle wire. Connect 47 ohm resistor to the Grey vehicle wire. Connect the free ends of the resistors to the INTERFACES White wire (Fig4). Connect the Dark Blue vehicle wire.	
Nissan	1999-2000	Quest	White	For20	Pin 14 (White/Black)	No	No	3	1		
Nissan	2004-2007	Quest	White	For20	Pin 14 (White/Black)	No	No	3	8		
Nissan	1993-1995	Quest	Yellow	For2	Pin 2 (Tan, Pink/White, L. Blue/Red or L. Blue/Black)	No	No	5	1		
Nissan	2007	Sentra	White	Nissan08		No	No	3	13		
Nissan	2004-2008	Titan	White	Titan		No	No	3	8		
Nissan	2007-2008	Xterra	White	Nissan08		No	No	3	13		
Nissan	2000-2004	Xterra	White	Frontier16		No	No	3	1	Connect the Interface's white wire to Yellow/Red. Connect Yellow/Black wire to ground.	
Oldsmobile	2001-2004	Alero	Green	GM24	Pin A7 (Blue or Green)	No	No	1	1	Connect Pin A6 (Pink or Violet) to Accessory +12V	
Oldsmobile	1992-2002	All models with air bag, with heater controls. 32 Pin connector	Green	GM32	Pin E5 or E6 (Dk. Blue or L. Green)	No	No	4	1	Connect Interface's Blue wire to Pin E1 (Dk. Green)	
Oldsmobile	1992-2002	All models with air bag, with heater controls. 7 Pin connector	Green	7-Pin-Olds	Pin 6 (blue wire)	No	No	4	1	Connect the interface blue wire to Pin 7 (green wire) in the above connector	
Oldsmobile	1992-2002	All models with air bag, without heater controls. 32 Pin connector	Green	GM32	Pin E5 or E6 (Dk. Blue or L. Green)	No	No	1	1		
Oldsmobile	1989-1993	All models with no air bag	Yellow	GM7	Pin 6 or 7 (Green)	No	No	10	1	Green wire may be in separate 15-Pin plug.	
Oldsmobile	2002-2004	Bravada (rear controls not supported)	Green	Trailblazer	Tap into Pin A12 (L. Green)	No	Yes	1	1	This plug is at the steering wheel column. The plug at radio cannot be interfaced.	
Oldsmobile	1	Other make GM vehicles that have ribbon like connector that stays in the dash.	Green	Trailblazer	Pin D8 (Dk. Blue or L. Green), 40-Pin plug next to steering column	No	Yes	1	1	Tap Interface's wire into vehicles wire, do not cut vehicle's wire in half.	
Oldsmobile	2001-2004	Silhouette	Green	GM24	Pin A7 (Blue or Green)	No	No	1	1	Connect Pin A6 (Pink or Violet) to Accessory +12V	
Plymouth	1999-2000	Caravan, Voyager, Town & Country	White		Red/Black	No	No	8	10		
Plymouth	2001-2005	Caravan, Voyager, Town & Country	White		Gray/White	No	No	9	10		
Plymouth	1999-2002	Prowler	White		Red/Blue	No	No	8	10		
Pontiac	1992-2003	All models with air bag, without heater controls. 21 Pin connector	Green	GM21	Pin 13 or 14 (Dk. Blue, L. Green or Violet/Black)	No	No	1	5		
Pontiac	1989-1993	All models with no air bag	Yellow	GM7	Pin 6 or 7 (Green)	No	No	10	1	Green wire may be in separate 15-Pin plug.	
Pontiac	2001-2005	Aztec	Green	GM24	Pin A7 (Blue or Green)	No	No	1	1	Connect Pin A6 (Pink or Violet) to Accessory +12V	
Pontiac	2000-2005	Bonneville	Green	GM24	Pin D8 (Dk. Blue or L. Green), 40-Pin plug next to steering column	No	Yes	1	1	Tap Interface's wire into vehicles wire, do not cut vehicle's wire in half.	
Pontiac	1989	Firebird	Orange	GM5	Pin 1 (Orange/Black)	No	No	7	1		
Pontiac	2007	GS	Green	Solstice	Pin 11 (dk. blue) in connector 1	No	No	1	1	Connect Pin 14 (white/black) in c2 to +12v accessory.	
Pontiac	2005-2007	GM	Green	GM24a	Pin A9 Dark Blue	No	No	1	1	Connect Pin A10 White/Black to +12 volts accessory.	
Pontiac	2001-2005	Grand AM	Green	GM24	Pin A7 (Blue or Green)	No	No	1	1	Connect Pin A6 (Pink or Violet) to Accessory +12V	
Pontiac	2004-2007	Grand Prix	Green	GM24	Pin A7 (Blue or Green)	No	No	1	1	Connect Pin A6 (Pink or Violet) to Accessory +12V	
Pontiac	1989	GTA	Orange	GM5	Pin 1 (Orange/Black)	No	No	7	1		
Pontiac	2004-2006	GTO	White	GM5	Pin C11 (Brown)	No	No	3	1	Connect Pin C12 (Black/Yellow) to chassis ground.	
Pontiac	2000-2007	Montana	Green	GM24	Pin A7 (Blue or Green)	No	No	1	1	Connect Pin A6 (Pink or Violet) to Accessory +12V	
Pontiac	2006-2007	Solstice	Green	Solstice	Pin # 11 (Dark Blue) in connector 1	No	No	1	1	Connect Pin # 14 (White/Black) in connector # 2 to accessory +12v.	
Pontiac	2005-2006	Torrent	Green	GM24a	Pin A9 (Dark Blue)	No	No	1	1	Connect Pin A10 (White/Black) to +12v accessory	
Pontiac	2007	Torrent	Green	GM07SUV	Pin 6 (Blue)	No	Yes	1	12	The BCM c1 is a green connector. The BCM is located directly below the radio.	
Saab	1998-2003	9-3	White	Saab22	Yellow/Black wire (Pin 18), 22-Pin plug at display module	Yes	No	11	1	Tap Interface's wire into vehicles wire, do not cut vehicle's wire in half.	
Saab	1998-2003	9-5	White	Saab25	Blue wire (Pin 22), 25-Pin plug at display module	Yes	No	11	1	Tap Interface's wire into vehicles wire, do not cut vehicle's wire in half.	
Saab	2004-2005	9-5	White	Saab32	Blue wire (Pin 24), 32-Pin plug above radio at driver display module	Yes	No	11	1	Tap Interface's wire into vehicles wire, do not cut vehicle's wire in half.	
Saturn	2007	Aura	Green	Solstice	connector 1, Pin # 11 (Dk. Blue)	No	No	1	1	Connect Pin # 14 (White) in connector # 2 to accessory +12v.	
Saturn	2007	Outlook	Green	GM07SUV	Pin 6 (Blue)	No	Yes	1	12	This wire is at the BCM.	
Saturn	2005	Relay	Green	GM24	Pin A7 (Blue or Green)	No	No	1	1	Connect Pin A6 (Pink or Violet) to Accessory +12V	
Saturn	2007	Sky	Green	Solstice	Pin # 11 (Dark Blue) in connector 1	No	No	1	1	Connect Pin # 14 (White/Black) in connector # 2 to accessory +12v.	
Saturn	2006	Vue	Green	Solstice	Pin # 11 (Dark Blue) in connector 1	No	No	1	1	Connect Pin # 14 (White/Black) in connector # 2 to accessory +12v.	
Scion	2006-2007	iC	White	Toyota		No	No	8	4		
Scion	2006-2007	xB	White	Toyota		No	No	8	4		
Scion	2006-2007	xB	White	Toyota		No	No	8	4		
Subaru	2005	Legacy	White	Legacy	Pin 3 (Violet/White)	No	No	3	1	Connect Pin 7 (Orange/White) to chassis ground.	
Suzuki	2005	Aeno	White	Suzuki		No	No	8	2		
Suzuki	2004-2005	Forenza	White	Forenza	Pin 16 (Dk Blue)	Yes	No	9	1	Connect Pin 13 (Black/White) to chassis ground. Cut Purple wire and insert 10k ohm resistor in series of the purple wires.	
Suzuki	2007	Grand Vitara	White	Forenza	Pin #19 (Purple)	No	No	3	1	Connect Pin #20 (Pink/Black) wire to chassis ground.	
Suzuki											