

SWI-RC

Volume up command not working
with Sony XAV series radios

Issue:

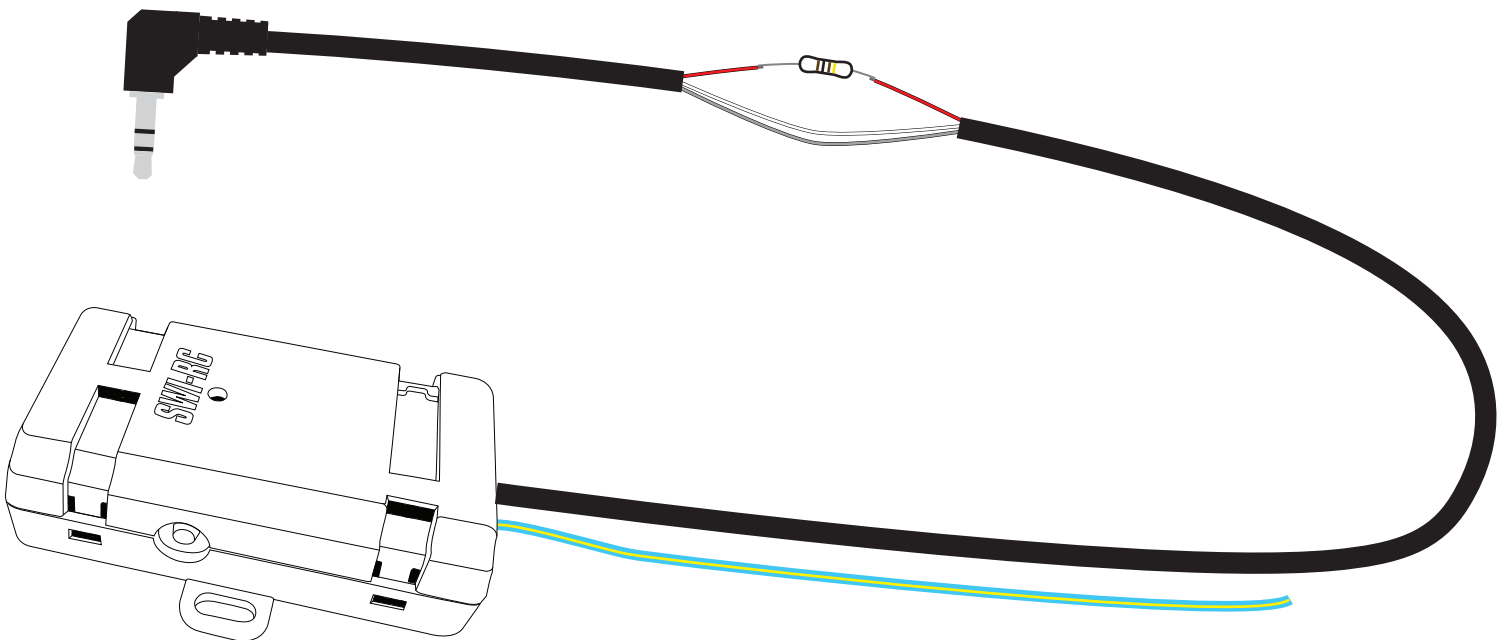
Volume up command will not work with the Sony XAV series of radios.

Solution:

Install a 100 Ohm resistor, included with the SWI-RC, inline with the Red wire found inside of the cable between the SWI-RC and the 3.5mm headphone jack connector. See below for a diagram of the modification needed.

1. Using a razor knife carefully remove a 4" section of the Black PVC jacket covering the wires.
2. Separate the three wires and cut the Red wire in half.
3. Solder one end of the Red wire to one side of a 100 Ohm resistor. Solder the other side of the resistor to the remaining loose Red wire.
4. Insulate the resistor and bare ends of the wire with heatshrink or electrical tape.
5. Insulate the 4" section where the PVC jacket was removed in step 1.

Doing this will put the value of the volume up command within the tolerance that the Sony XAV radio is looking for. Unfortunately doing this will bump the value of the Sony "Band" command out of tolerance and it will no longer work.



**Note: When using the SWI-RC the answer call command can not be performed via the steering wheel controls when using the Sony XAV-AX100 and XAV-AX200 radios.



VEHICLE INSTALLATION INFORMATION GUIDE (V.I.I.G.)

Make	Model	Year	Can Interface	Cut Loop ?	SWI-RC Wire	Interface Connector	Pin Number (Color)	Version	See Notes
Acura	CL	2001 - 2003	None	None	White	Honda20	Pin 3 (Green/Red) Pin 11 (Brown)	3	8
Acura	ILX	2013 - 2014	None	None	White	Civic24	Pin 16(pink)	3	135
Acura	MDX	2005 - 2006	None	None	White	Honda20	Pin 3 (Green/Red) Pin 11 (Brown)	3	215
Acura	MDX	2007 - 2013	None	None	White	Honda32	Pin 19 (Orange or Pink) Pin 3 (Brown)	3	228
Acura	RDX	2007 - 2014	None	None	White	Honda32	Pin 19 (Orange or Pink) Pin 3 (Brown)	3	228
Acura	RL	2000 - 2004	None	None	White	Honda20	Pin 3 (Green/Red) Pin 11 (Brown)	3	215
Acura	RL	2005 - 2009	None	None	White	Honda20	Pin 3 (Green/Red) Pin 11 (Brown)	3	8
Acura	RL	2010 - 2012	None	None	White	Honda20	Pin 3 (Orange) Pin 11 (Brown)	9	229
Acura	TL	2000 - 2003	None	None	White	Honda20	Pin 3 (Green/Red) Pin 11 (Brown)	3	8
Acura	TL	2004 - 2008	None	None	White	Honda20	Pin 3 (Green/Red) Pin 11 (Brown)	3	215
Acura	TL	2009 - 2013	None	None	White	Civic24	Pin 16 (Pink)	3	135
Acura	TSX	2004	None	None	White	Honda20	Pin 3 (Green/Red) Pin 11 (Brown)	3	8
Acura	TSX	2005 - 2008	None	None	White	Honda20	Pin 3 (Green/Red) Pin 11 (Brown)	3	215
Acura	TSX	2009 - 2013	None	None	White	Civic24	Pin 16(Pink)	3	135
Acura	ZDX	2010 - 2012	None	None	White	Civic24	Pin 16(Pink)	3	135
Acura	All Other Models	2000 - 2004	None	None	White	Honda20	Pin 3 (Green/Red) Pin 11 (Brown)	3	8
Audi	A3	2008	SWI-CAN2	None	Green	VW-Can	See SWI-CAN2 Instructions	2	10
Audi	A3	2004 - 2007	SWI-CAN2	None	Green	Audi-Can	See SWI-CAN2 Instructions	2	10
Audi	A3	2009 - 2010	SWI-CAN2	None	Green	VW-Can	See SWI-CAN Instructions	2	10
Audi	A4 / S4	2002 - 2005	SWI-CAN	None	Green	Audi-Can	See SWI-CAN Instructions	2	10
Audi	A4 / S4	2006 - 2007	SWI-CAN	None	Green	Audi-Can	See SWI-CAN Instructions	2	10
Audi	A4 / S4	2008 - 2009	SWI-CAN	None	Green	VW-Can	See SWI-CAN Instructions	2	10
Audi	A5	2008 - 2010	SWI-CAN	None	Green	VW-Can	See SWI-CAN Instructions	2	10
Audi	A6 / S6	2000 - 2001	None	None	Orange	VW	Pin 11 (White/Yellow)	7	9
Audi	A6 / S6	2002 - 2005	SWI-CAN	None	Green	Audi-Can	See SWI-CAN Instructions	2	10
Audi	TT	2008	SWI-CAN	None	Green	Audi-Can	See SWI-CAN Instructions	2	10
Audi	TT	2009 - 2010	SWI-CAN	None	Green	VW-Can	See SWI-CAN Instructions	2	10
BMW	1 Series	2009	SWI-CAN2	None	Green	Dock-n-Lock-Can	See SWI-CAN2 Instructions	2	10
BMW	3 Series/M3	2006	SWI-CAN2	None	Green	Dock-n-Lock-Can	See SWI-CAN2 Instructions	2	10
BMW	3 Series/M3	2002 - 2005	None	None	Yellow	No Pic Available	White/Red/Yellow-dots or White/Gray/Yellow-dots	5	4
BMW	3 Series/M3	2006	None	None	Yellow	No Pic Available	White/Red/Yellow dots or White/Gray/Yellow dots	5	4
BMW	3 Series/M3	2007 - 2010	SWI-CAN2	None	Green	Dock-n-Lock-Can	See SWI-CAN2 Instructions	2	10
BMW	5 Series/M5	2002 - 2003	None	None	Yellow	No Pic Available	White/Red/Yellow dots or White/Gray/Yellow dots	5	4
BMW	5 Series/M5	2007	SWI-CAN2	None	Green	Dock-n-Lock-Can	See SWI-CAN2 Instructions	2	10
BMW	X3	2004 - 2007	None	None	Yellow	No Pic Available	White-Red-Yellow dots or White-Grey-Yellow dots	5	4
BMW	X3	2008	None	None	Yellow	2008 BMW X3	White/Red/Yellow dots	5	272
BMW	X5	2011	SWI-CAN2	None	Green	Dock-n-Lock-Can	See SWI-CAN2 Instructions	2	10
BMW	X5	2002 - 2006	None	None	Yellow	No Pic Available	White/Red/Yellow-dots or White/Gray/Yellow-dots	5	4
BMW	Z4	2004	None	None	Yellow	No Pic Available	White/Red/Yellow-dots or White/Gray/Yellow-dots	5	4
BMW	All Other Models	2000 - 2001	None	None	Yellow	No Pic Available	White/Red/Yellow dots	5	4
Buick	Allure	2005 - 2009	None	None	Green	GM24	Pin A7 (Blue)	1	328
Buick	Century	2004 - 2005	None	None	Green	GM24	Pin A7 (Dk. Blue)	1	328
Buick	Enclave	2008 - 2013	None	Brown	Green	GM07SUV	Pin 6 (Blue)	1	11
Buick	Encore	2013 - 2014	None	Brown	Green	2011RegalBCM	Pin 8 (Lt. Green)	1	11
Buick	LaCrosse Allure	2005 - 2008	None	None	Green	GM24	Pin A7 (Blue or Green)	1	9
Buick	LaCrosse	2005 - 2009	None	None	Green	GM24	Pin A7 (Blue or Green)	1	9
Buick	LaCrosse	2010 - 2014	None	Brown	Green	2011RegalBCM	Pin 8 (Lt. Green)	1	11
Buick	LeSabre	2000 - 2005	None	Brown	Green	Pontiac40Pin	Pin D8 (Dk. Blue or Lt. Green)	1	9
Buick	Lucerne	2006 - 2011	None	Brown	Green	GM07SUV	Pin 6 (Blue)	1	11
Buick	Park Avenue	2003 - 2005	None	None	Green	GM32	Pin E5 or E6 (Lt. Green)	4	349
Buick	Rainier	2004 - 2005	None	Brown	Green	Trailblazer	Pin A12 (Lt. Green)	1	9
Buick	Rainier	2006 - 2007	None	Brown	Green	Trailblazer	Pin A12 (Lt. Green)	1	332
Buick	Regal*	2000 - 2003	None	None	Green	GM32	Pin E5 or E6 (Dk. Blue or Lt. Green)	1	9
<i>*with BLUE 32 pin connector, air bag and TEMP controls on steering wheel.</i>									
Buick	Regal*	2000 - 2003	None	None	Green	GM32	Pin E5 or E6 (Dk. Blue or Lt. Green)	4	349
<i>*with BLUE 32 pin connector, air bag and NO Temp controls on steering wheel.</i>									
Buick	Regal*	2000 - 2003	None	Brown	Green	Pontiac40Pin	Pin D8 (Dk. Blue or Lt. Green)	1	329
<i>*that have ribbon style connector that stays in the dash.</i>									
Buick	Regal	2004	None	None	Green	GM24	Pin A7 (Blue or Green)	1	333
Buick	Regal	2011 - 2012	None	Brown	Green	2011RegalBCM	Pin 8 (Green)	1	232
Buick	Regal	2013	None	Brown	Green	2011RegalBCM	Pin 8 (Lt. Green)	1	11
Buick	Rendezvous	2002 - 2007	None	None	Green	GM24	Pin A7 (Blue or Green)	1	9
Buick	Terraza	2005 - 2008	None	None	Green	GM24	Pin A7 (Blue or Green)	1	9
Buick	Verano	2012 - 2013	None	Brown	Green	2011RegalBCM	Pin 8 (Green/White)	1	11
Buick	All Other Models*	2000 - 2003	None	None	Green	GM32	Pin E5 or E6 (Dk. Blue or Lt. Green)	1	9
<i>*with BLUE 32 pin connector, air bag and TEMP controls on steering wheel.</i>									
Buick	All Other Models*	2000 - 2003	None	None	Green	GM32	Pin E5 or E6 (Dk. Blue or Lt. Green)	4	349
<i>*with BLUE 32 pin connector, air bag and NO TEMP controls on steering wheel.</i>									
Buick	All Other Models*	2000 - 2005	None	Brown	Green	Pontiac40Pin	Pin D8 (Dk. Blue or Lt. Green)	1	329
<i>*that have ribbon style connector that stays in the dash.</i>									
Cadillac	Catera	2000 - 2001	None	None	White	GM32	Blue/Red	3	9
Cadillac	Coupe De Ville	2000 - 2005	None	Brown	Green	Pontiac40Pin	Pin D8 (Dk. Blue or Lt. Green)	1	329

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<u>Make</u>	<u>Model</u>	<u>Year</u>	<u>Can Interface</u>	<u>Cut Loop ?</u>	<u>SWI-RC Wire</u>	<u>Interface Connector</u>	<u>Pin Number (Color)</u>	<u>Version</u>	<u>See Notes</u>
Cadillac	CTS	2003 - 2007	None	None	Green	CTS	Pin 13 (Blue wire)	1	352
Cadillac	CTS	2008 - 2013	None	Brown	Green	GM07SUV	Pin 6 (Blue)	1	11
Cadillac	De Ville	2000 - 2002	None	None	Green	Pontiac40Pin	Pin D8 (Dk. Blue or Lt. Green)	1	330
		<i>*WITHOUT Temp controls on steering wheel.</i>							
Cadillac	De Ville	2000 - 2002	None	Brown	Green	Pontiac40Pin	Pin D8 (Dk. Blue or Lt. Green)	1	329
		<i>*WITH Temp controls on steering wheel.</i>							
Cadillac	DTS	2006 - 2012	None	Brown	Green	GM07SUV	Pin 6 (Blue)	1	11
Cadillac	Escalade	2000 - 2002	None	None	Green	GM21	Pin 13 or 14 (Dk. Blue, Lt. Green or Violet/Black)	1	3
Cadillac	Escalade	2003 - 2006	None	Brown	Green	Suv	Pin B31 (Lt. Green)	1	348
Cadillac	Escalade	2007 - 2014	None	Brown	Green	GM07SUV	Pin 6 (Green wire)	1	11
Cadillac	Seville	2000 - 2004	None	Brown	Green	Pontiac40Pin	Pin D8 (Dk. Blue or Lt. Green)	1	329
Cadillac	SRX w/ Navigation	2004 - 2006	None	None	Green	caddy1	Pin 13 (Blue wire)	1	355
Cadillac	SRX	2004 - 2006	None	None	Green	CTS	Pin 11 (Dk. Blue)	1	352
Cadillac	SRX	2007 - 2012	None	Brown	Green	GM07SUV	Pin 6 (Green)	1	11
Cadillac	STS	2005 - 2010	None	None	Green	STS	Pin 18 (Dk. Blue)	1	356
Cadillac	XLR	2004 - 2009	None	None	Green	caddy1	Pin 11 (Dk. Blue)	1	355
Cadillac	All Other Models	2000 - 2002	None	None	Green	Pontiac40Pin	Pin D8 (Dk. Blue or Lt. Green)	1	330
		<i>*WITHOUT Temp controls on steering wheel.</i>							
Cadillac	All Other Models	2000 - 2002	None	Brown	Green	Pontiac40Pin	Pin D8 (Dk. Blue or Lt. Green)	1	329
		<i>*WITH Temp controls on steering wheel.</i>							
Chevrolet	Avalanche	2002	None	None	Green	GM21	Pin 13 or 14 (Dk. Blue, Lt. Green or Violet/Black)	1	3
Chevrolet	Avalanche	2003 - 2006	None	Brown	Green	Suv	Tap into Pin B31 (Lt. Green)	1	348
Chevrolet	Avalanche	2007 - 2013	None	Brown	Green	GM07SUV	Pin 6 (Lt. Green)	1	11
Chevrolet	Aveo	2009 - 2011	None	Purple	White	solstice	Connect Pin 12 (Brown/white), Connect Pin 12 (Dk. Blue)	9	325
Chevrolet	Blazer (Full Size)	2002	None	None	Green	GM21	Pin 13 or 14 (Dk. Blue, Lt. Green or Violet/Black)	1	3
Chevrolet	Blazer (Full Size)	2003	None	Brown	Green	Suv	Pin B31 (Lt. Green)	1	348
Chevrolet	Blazer (S-10)	2000 - 2002	None	None	Green	GM21	Pin 13 or 14 (Dk. Blue, Lt. Green or Violet/Black)	1	3
Chevrolet	Blazer (S-10)	2003 - 2005	None	None	Green	GM24	Pin A7 (Blue)	1	328
Chevrolet	Camaro	2010 - 2014	None	Brown	Green	Cruze25	Pin 8 (Lt. Green)	1	357
Chevrolet	Captiva	2013	None	Brown	Green	GM07SUV	Pin 6 (Lt Green)	1	11
Chevrolet	Captiva	2010 - 2012	None	None	Green	solstice	Pin 12 (Light Green), Pin 12 (Brown)	1	399
Chevrolet	Cobalt	2005 - 2006	None	None	Green	GM24a	Pin A9 (Dk. Blue) A10 (White/Black)	1	327
Chevrolet	Cobalt	2007 - 2010	None	None	Green	solstice	Pin 11 (Dk. Blue), Pin 14 (White/Black)	1	326
Chevrolet	Colorado	2013	None	None	Green	2013colorado	Pin 5 (Lt. Green/White), Pin 13 (White/Red)	1	322
Chevrolet	Corvette	2007 - 2013	None	None	Green	GM24	Pin A7 (Blue)	1	328
Chevrolet	Cruze	2011 - 2014	None	Brown	Green	Cruze25	Pin 8 (Lt. Green / White)	1	219
Chevrolet	Equinox	2005 - 2006	None	None	Green	GM24a	Pin A9 Dk. Blue	1	358
Chevrolet	Equinox	2007 - 2009	None	Brown	Green	GM07SUV	Pin 6 (Blue)	1	11
Chevrolet	Equinox	2010 - 2014	None	Brown	Green	Cruze25	Pin 8 (Lt. Green)	1	357
Chevrolet	Express	2008 - 2013	None	Brown	Green	GM07SUV	Pin 6 (Green)	1	11
Chevrolet	HHR	2006 - 2011	None	None	Green	solstice	Pin 11 (Dk. Blue)	1	351
Chevrolet	Impala	2000 - 2005	None	None	Green	GM24	Pin A7 (Blue or Green)	1	333
Chevrolet	Impala	2006 - 2013	None	Brown	Green	GM07SUV	Pin 6 (Blue)	1	11
Chevrolet	Malibu	2004 - 2007	None	None	Green	GM24a	Pin A9 Dk. Blue	1	358
Chevrolet	Malibu	2008 - 2012	None	None	Green	solstice	Pin 11 (Dk. Blue)	1	351
Chevrolet	Malibu	2014	None	Brown	Green	Cruze25	Pin 8 (Lt. Green)	1	357
Chevrolet	Monte Carlo	2000 - 2005	None	None	Green	GM24	Pin A7 (Blue or Green)	1	333
Chevrolet	Monte Carlo	2006 - 2008	None	Brown	Green	GM07SUV	Pin 6 (Blue)	1	11
Chevrolet	Silverado	2001 - 2002	None	None	Green	GM21	Pin 13 or 14 (Dk. Blue, Lt. Green or Violet/Black)	1	3
Chevrolet	Silverado	2003 - 2006	None	Brown	Green	SUV	Pin B31 (Lt. Green)	1	348
Chevrolet	Silverado	2007 - 2013	None	Brown	Green	GM07SUV	Pin 6 (Lt. Green)	1	11
Chevrolet	Silverado Classic	2007	None	Brown	Green	SUV	Pin B31 (Lt. Green)	1	331
Chevrolet	Sonic	2012 - 2014	None	Brown	Green	ChevySonicBCM	Pin 8 (Green)	1	248
Chevrolet	Spark	2012	None	Brown	White	ChevySpark	Pin 14 (Brown/Black), Pin 11 (Gray)	9	262
Chevrolet	Spark	2013 - 2014	None	Brown	Green	Cruze25	Pin 8 (Lt. Green)	1	357
Chevrolet	SSR	2003 - 2006	None	Brown	Green	Trailblazer	Pin A12 (Lt. Green)	1	9
Chevrolet	Suburban	2000 - 2002	None	None	Green	GM21	Pin 13 or 14 (Dk. Blue, Lt. Green or Violet/Black)	1	3
Chevrolet	Suburban	2003 - 2006	None	Brown	Green	Suv	Pin B31 (Lt. Green)	1	348
Chevrolet	Suburban	2007 - 2014	None	Brown	Green	GM07SUV	Pin 6 (Lt. Green)	1	11
Chevrolet	Tahoe	2000 - 2002	None	None	Green	GM21	Pin 13 or 14 (Dk. Blue, Lt. Green or Violet/Black)	1	3
Chevrolet	Tahoe	2003 - 2006	None	Brown	Green	Suv	Pin B31 (Lt. Green)	1	348
Chevrolet	Tahoe	2007 - 2014	None	Brown	Green	GM07SUV	Pin 6 (Lt. Green)	1	11
Chevrolet	Trailblazer	2002 - 2009	None	Brown	Green	Trailblazer	Pin A12 (Lt. Green)	1	332
Chevrolet	Trailblazer	2013	None	None	Green	2013colorado	Pin 5 (Lt. Green/White), Pin 13 (White/Red)	1	322
Chevrolet	Traverse	2009	None	Brown	Green	GM07SUV	Pin 6 (Lt. Green)	1	11
Chevrolet	Traverse	2010 - 2013	None	Brown	Green	GM07SUV	Pin 6 (Dk. Blue or Lt. Green)	1	11
Chevrolet	Uplander	2005 - 2009	None	None	Green	GM24	Pin A7 (Blue or Green)	1	9
Chevrolet	Venture	2000 - 2005	None	None	Green	GM24	Pin A7 (Blue)	1	328

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<u>Make</u>	<u>Model</u>	<u>Year</u>	<u>Can Interface</u>	<u>Cut Loop ?</u>	<u>SWI-RC Wire</u>	<u>Interface Connector</u>	<u>Pin Number (Color)</u>	<u>Version</u>	<u>See Notes</u>
Chevrolet	Volt	2011 - 2014	None	Brown	Green	Cruze25	Pin 8 (Lt. Green/White) at BCM	1	400
Chevrolet	All Other Models*	2000 - 2002	None	None	Green	GM21	Pin 13 or 14 (Dk. Blue, Lt. Green or Violet/Black)	1	3
	<i>*With 21 pin connector and air bag but without Temp controls on steering wheel.</i>								
Chevrolet	All Other Models*	2000 - 2005	None	None	Green	GM24	Pin A7 (Blue or Green)	1	333
	<i>*With 24 pin connector. Except SUV's and Trucks.</i>								
Chevrolet	All Other Models*	2003 - 2006	None	Brown	Green	SUV	Pin B31 (Lt. Green)	1	331
	<i>*all full size trucks & SUV's</i>								
Chevrolet	All Other Models*	2007 - 2010	None	Brown	Green	GM07SUV	Pin 6 (Lt. Green)	1	11
	<i>*All Full-sized Trucks (Non-Classic) and SUV's</i>								
Chrysler	200	2011 - 2014	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	396
Chrysler	300	2005 - 2007	SWI-CAN	None	Green	Chy-Can	See SWI-CAN Instructions	2	10
Chrysler	300	2008	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	10
Chrysler	300	2009 - 2010	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	396
Chrysler	300M	2001 - 2004	None	None	White	No Pic Available	Grey/White in steering column	8	7
Chrysler	Aspen	2007	SWI-CAN	None	Green	Chy-Can	See SWI-CAN Instructions	2	10
Chrysler	Aspen	2008 - 2009	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	396
Chrysler	Concorde	2001 - 2004	None	None	White	No Pic Available	Grey/White in steering column	8	7
Chrysler	Pacifica	2004 - 2008	None	None	White	No Pic Available	Grey/White in steering column	8	7
Chrysler	Prowler	2002	None	None	White	No Pic Available	Red/Blue in steering column	8	7
Chrysler	PT Cruiser	2007 - 2008	SWI-CAN	None	Green	Chy-Can	See SWI-CAN Instructions	2	10
Chrysler	Sebring Coupe	2002 - 2005	None	None	White	No Pic Available	Green/Orange in 2 Pin plug behind the radio	8	354
Chrysler	Sebring Sedan or Convertible	2004 - 2005	None	Purple	White	4PinClockSpring	Pin 4 (Red/Black)	9	398
Chrysler	Sebring	2007 - 2010	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	396
Chrysler	Town & Country	2000	None	None	White	No Pic Available	Red/Black in steering column	8	7
Chrysler	Town & Country	2001 - 2007	None	None	White	No Pic Available	Gray/White in steering column	8	7
Chrysler	Town & Country	2008 - 2014	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	10
Chrysler	Voyager	2001 - 2007	None	None	White	No Pic Available	Gray/White in steering column	8	7
Dodge	Avenger	2007 - 2014	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	396
Dodge	Caliber	2006 - 2009	SWI-CAN	None	Green	Chy-Can	See SWI-CAN Instructions	2	10
Dodge	Caliber	2010 - 2012	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	396
Dodge	Caravan	2000	None	None	White	No Pic Available	Red/Black in steering column	8	7
Dodge	Caravan	2001 - 2007	None	None	White	No Pic Available	Gray/White in steering column	8	7
Dodge	Challenger	2008	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	10
Dodge	Challenger	2009 - 2011	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	10
Dodge	Challenger	2012 - 2013	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	396
Dodge	Charger	2005 - 2007	SWI-CAN	None	Green	Chy-Can	See SWI-CAN Instructions	2	10
Dodge	Charger	2008 - 2010	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	10
Dodge	Dakota	2000 - 2005	None	None	White	No Pic Available	Red/Black in steering column	8	7
Dodge	Dakota	2006 - 2007	SWI-CAN	None	Green	Chy-Can	See SWI-CAN Instructions	2	10
Dodge	Dakota	2008 - 2012	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	396
Dodge	Durango	2000 - 2003	None	None	White	No Pic Available	Red/Black in steering column	8	7
Dodge	Durango	2004 - 2007	SWI-CAN	None	Green	Chy-Can	See SWI-CAN Instructions	2	10
Dodge	Durango	2008 - 2009	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	396
Dodge	Durango	2011 - 2013	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	10
Dodge	Grand Caravan	2008 - 2013	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	10
Dodge	Intrepid	2001 - 2004	None	None	White	No Pic Available	Gray/White in steering column	8	7
Dodge	Journey	2009 - 2010	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	10
Dodge	Magnum	2005 - 2007	SWI-CAN	None	Green	Chy-Can	See SWI-CAN Instructions	2	10
Dodge	Magnum	2008	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	396
Dodge	Nitro	2007 - 2010	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	10
Dodge	Ram	2000 - 2002	None	None	White	No Pic Available	Red/Black in steering column	8	7
Dodge	Ram	2003 - 2005	None	None	White	No Pic Available	Gray/White in steering column	8	7
Dodge	Ram	2006 - 2008	SWI-CAN	None	Green	Chy-Can	See SWI-CAN Instructions	2	10
Dodge	Ram	2009 - 2010	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	10
Dodge	Ram	2011 - 2012	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	10
Dodge	Sprinter	2008 - 2009	SWI-CAN2	None	Green	Dock-n-Lock-Can	See SWI-CAN2 Instructions	2	10
Dodge	Stratus Coupe	2002 - 2005	None	None	White	No Pic Available	Green/Orange, 2-Pin plug behind radio.	8	354
Dodge	Stratus Sedan or Convertible	2004 - 2005	None	Purple	White	4PinClockSpring	Black/Red in steering column	9	398
Ford	Crown Victoria	2000 - 2002	None	None	White	Ford20	Pin 14 (Lt. Blue/Red)	3	9
Ford	Crown Victoria	2003 - 2010	None	None	White	Ford24	Pin 18 (Lt. Blue/Red)	3	9
Ford	Edge	2007 - 2011	None	None	White	Ford24	18 (Gray/Yellow), 19 (Blue/White)	3	212
Ford	Escape	2008 - 2012	None	None	White	Ford24	18 (Gray/Yellow), 19 (Blue/White)	3	212
Ford	Excursion - Front Controls	2002 - 2005	None	None	White	Ford20	Pin 14 (Lt. Blue/Red)	3	None
Ford	Excursion - Rear Controls	2002 - 2005	None	None	Orange	Ford20	Pin 6 (Lt. Blue/Pink)	6	359
Ford	Expedition - Rear Controls	2000 - 2003	None	None	Orange	Ford20	Pin 6 (Lt. Blue/Pink)	6	359
Ford	Expedition - Front Controls	2000 - 2003	None	None	White	Ford20	Pin 14 (Lt. Blue/Red)	3	None
Ford	Expedition - Front Controls	2004 - 2006	None	None	White	Ford24	Pin 18 (Lt. Blue/Red)	3	None
Ford	Expedition - Rear Controls	2004 - 2006	None	None	Orange	Ford16a	Pin 7 (Lt. Blue/Pink)	6	361
Ford	Expedition w/ Navigation	2004 - 2006	None	None	White	Focus	Pin 11 (Lt. Blue/Red)	3	None

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Ford	Expedition	2007 - 2014	None	None	White	Ford24	18 (Gray/Yellow), 19 (Brown/Green)	3	213	
Ford	Explorer - Rear Controls	2000 - 2003	None	None	Orange	Ford20	Pin 6 (Lt. Blue/Pink)	6	359	
Ford	Explorer - Front Controls	2000 - 2003	None	None	White	Ford20	Pin 14 (Lt. Blue/Red or Yellow)	3	None	
Ford	Explorer - w/ 20 pin Connector	2004 - 2005	None	None	White	Ford20	Pin 14 (Yellow)	3	None	
Ford	Explorer - w/ 24 pin Connector	2004 - 2005	None	None	White	Ford24	Pin 18 (Yellow)	3	None	
Ford	Explorer	2006 - 2010	None	None	White	Ford24	18 (Gray/Yellow), 19 (Brown/Green)	3	213	
Ford	Explorer Sport Trac	2000 - 2003	None	None	White	Ford20	Pin 14 (Lt. Blue/Red or Yellow)	3	9	
Ford	Explorer Sport Trac	2004 - 2005	None	None	White	Ford20	Pin 14 (Yellow)	3	9	
Ford	Explorer Sport Trac	2007 - 2010	None	None	White	Ford24	18 (Gray/Yellow), 19 (Blue/White)	3	212	
Ford	F-150	2003	None	None	White	Ford20	Pin 14 (Lt. Blue/Red)	3	9	
Ford	F-150	2004 - 2007	None	None	White	Ford24	Pin 18 (Lt. Blue/Red)	3	9	
Ford	F-150	2008	None	None	White	Ford24	Pin 18 (Lt. Blue/Red)	3	363	
Ford	F-150	2009 - 2010	None	None	White	Ford24	18 (Gray/Yellow), 19 (Brown/Green)	3	213	
Ford	F-150	2011 - 2012	None	None	Green	No Pic Available	Use MS-FRD1 or RP4-FD11	2	214	
Ford	F-250 - F450	2003	None	None	White	Ford20	Pin 14 (Lt. Blue/Red)	3	None	
Ford	F-250 - F450	2004 - 2007	None	None	White	Ford24	Pin 18 (Lt. Blue/Red)	3	None	
Ford	F-250 - F450	2008 - 2010	None	None	White	Ford24	18 (Gray/Yellow), 19 (Blue/White)	3	212	
Ford	F-250 - F450	2011 - 2012	None	None	Green	No Pic Available	Use MS-FRD1 or RP4-FD11	2	214	
Ford	Fiesta	2011 - 2014	None	None	White	Ford24	Pin 18 (Gray/Yellow), Pin 19 (Blue/White)	3	212	
Ford	Five Hundred	2005 - 2007	None	None	White	Ford24	Pin 18 (Lt. Blue/Red)	3	9	
Ford	Flex	2009 - 2012	None	None	White	Ford24	18 (Gray/Yellow), 19 (Brown/Green)	3	213	
Ford	Focus	2002 - 2004	None	None	White	Focus	Pin 11 (White/Black)	3	364	
Ford	Focus	2005 - 2007	None	None	White	Ford24	Pin 18 (White/Black)	3	365	
Ford	Focus	2008 - 2011	None	None	White	Ford24	18 (Gray/Yellow), 19 (Blue/White)	3	212	
Ford	Freestar	2004 - 2007	None	None	White	Ford24	Pin 18 (Lt. Blue/Red)	3	9	
Ford	Freestyle	2005 - 2007	None	None	White	Ford24	Pin 18 (Lt. Blue/Red)	3	9	
Ford	Fusion	2006 - 2012	None	None	White	Ford24	18 (Gray/Yellow), 19 (Blue/White)	3	212	
Ford	Mustang	2010 - 2014	None	None	White	Ford24	18 (Gray/Yellow), 19 (Brown/Green)	3	213	
Ford	Taurus	1992 - 1995	None	None	Yellow	Ford2	Pin 2 (Tan, Pink/White, Lt. Blue/Red or Lt. Blue/Black)	5	9	
Ford	Taurus	2008 - 2009	None	None	White	Ford24	Pin 18 (Grey/Yellow)	3	9	
Ford	Taurus	2010 - 2012	None	None	White	Ford24	18 (Gray/Yellow), 19 (Brown/Green)	3	213	
Ford	Taurus X	2005 - 2009	None	None	White	Ford24	Pin 18 (Grey/Yellow)	3	9	
Ford	Thunderbird	2002 - 2003	None	None	White	Ford20	Pin 14 (White/Black)	3	9	
Ford	Thunderbird	2004 - 2005	None	None	White	Ford24	Pin 18 (White/Black)	3	9	
Ford	Transit	2013	None	Purple	White	Ford24	Pin 6 (White/Black), Pin 8 (Brown/Yellow)	9	324	
Ford	Transit	2010 - 2012	None	None	White	fordtransit12	18 (White/Black), 19 (Brown/Yellow)	3	223	
Ford	Windstar	2000 - 2002	None	None	White	Ford20	Pin 14 (Lt. Blue/Red, Yellow or White/Black)	3	9	
GMC	Acadia	2007 - 2012	None	Brown	Green	GM07SUV	Pin 6 (Blue) at BCM	1	11	
GMC	Acadia	2013 - 2014	None	Brown	Green	GM07SUV	Pin 6 (Blue) at BCM	1	11	
GMC	Envoy	2000 - 2001	None	None	Green	GM21	Pin 13 or 14 (Dk. Blue, Lt. Green or Violet/Black)	1	3	
GMC	Envoy	2002 - 2009	None	Brown	Green	Trailblazer	Pin A12 (Lt. Green)	1	9	
GMC	Jimmy	2000 - 2005	None	None	Green	GM21	Pin 13 or 14 (Dk. Blue, Lt. Green or Violet/Black)	1	3	
GMC	Savana	2008 - 2013	None	Brown	Green	GM07SUV	Pin 6 (Green) at BCM	1	11	
GMC	Sierra	2000 - 2002	None	None	Green	GM21	Pin 13 or 14 (Dk. Blue, Lt. Green or Violet/Black)	1	3	
GMC	Sierra	2003 - 2006	None	Brown	Green	Suv	Pin B31 (Lt. Green)	1	9	
GMC	Sierra	2007 - 2013	None	Brown	Green	GM07SUV	Pin 6 (Green or Blue) at BCM	1	11	
GMC	Sierra Classic	2007	None	Brown	Green	Suv	Pin B31 (Lt. Green)	1	9	
GMC	Terrain	2010 - 2014	None	Brown	Green	Cruze25	Pin 8 (Lt. Green)	1	357	
GMC	Yukon	2000 - 2002	None	None	Green	GM21	Pin 13 or 14 (Dk. Blue, Lt. Green or Violet/Black)	1	3	
GMC	Yukon	2003 - 2006	None	Brown	Green	Suv	Pin B31 (Lt. Green)	1	348	
GMC	Yukon	2007 - 2014	None	Brown	Green	GM07SUV	Pin 6 (Lt. Green)	1	11	
GMC	All Other Models*	2000 - 2002	None	None	Green	GM21	Pin 13 or 14 (Dk. Blue, Lt. Green or Violet/Black)	1	3	
	<i>*With air bag, without heater controls. 21 pin connector</i>									
GMC	All Other Models*	2003 - 2006	None	Brown	Green	SUV	Pin B31 (Lt. Green)	1	331	
	<i>*All full size trucks & SUV's</i>									
GMC	All Other Models*	2007 - 2010	None	Brown	Green	GM07SUV	Pin 6 (Green or Blue) at BCM	1	11	
	<i>*All Full-sized Trucks (Non-Classical) & SUV's</i>									
Harley Davidson	All Other Models	1990 - 2011	None	None	White	No Pic Available		3	None	
Honda	Accord	2000 - 2002	None	None	White	Honda20	Pin 3 (Green/Red)	3	73	
Honda	Accord	2003 - 2007	None	None	White	Honda20	Pin 3 (Green/Red), Pin11 (Brown)	3	76	
Honda	Accord w/ Navigation	2003 - 2007	None	None	White	Honda20, HondaNav14	Honda20: Pin 3 (Green/Red), Pin 11 (Brown), HondaNAV14: Pin 10 Grey	3	74	
Honda	Accord	2008 - 2014	None	None	White	Civic24	Pin 16(Pink), Pin 5 (Brown)	3	135	
Honda	Accord w/ Bluetooth	2014	None	Purple	White	Civic24, HondaHFL32	Civic24: Pin 16 (Pink), Pin 5 (Brown) HondaHFL32: Pin 15 (Lt Blue)	9	275	
Honda	Civic	2006 - 2008	None	None	White	Civic20, Civic22	Pin 7 (Pink), Pin 6 (Brown)	3	123	

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Honda	Civic w/ Navigation	2006 - 2008	None	None	White	Civic22, HondaNAV5	Civic22: Pin7 (Pink); HondaNAV5: Pin4 (Green)	3	119
Honda	Civic	2009 - 2011	None	None	White	Civic20	Pin 7 (Pink), Pin 6 (Brown)	3	140
Honda	Civic w/ Navigation	2009 - 2011	None	None	White	Civic24, HondaNav12	Civic24: Pin 16 (Pink), Pin 5(Brown); HondaNAV12: Pin 1 (Green);	3	50
Honda	Civic w/ Navigation & Bluetooth	2009 - 2011	None	None	White	Civic24, HondaNav12, HondaHFL28	Civic24: Pin 16 (Pink), Pin 5(Brown); HondaNAV12: Pin 1 (Green); HondaHFL28: Pin 2 (Blue)	3	53
Honda	Civic	2012 - 2013	None	Purple	White	2012civic	Pin 6 (Pink)	9	263
Honda	CR-V	2005 - 2006	None	None	White	Honda20	Pin3 (Green/Red)	3	79
Honda	CR-V	2007 - 2009	None	None	White	Civic20	Pin 7 (Pink), Pin 6 (Brown)	3	130
Honda	CR-V w/ Navigation	2007 - 2009	None	None	White	Civic22	CRV22: Pin7 (Pink); HondaHAV4: Pin4 (Green)	3	121
Honda	CR-V w/ Navigation	2010 - 2011	None	None	White	Civic24, HondaNav12	Civic24: Pin16 (Pink); HondaNAV12: Pin1 (Green);	3	51
Honda	CR-V w/ Navigation & Bluetooth	2010 - 2011	None	None	White	Civic24, HondaNav12, HondaHFL28	Civic24: Pin16 (Pink), Pin 5 (Brown); HondaNAV12: Pin1 (Green); HondaHFL28: Pin2 (Blue)	3	54
Honda	CR-V	2010 - 2011	None	None	White	Civic20, Civic24	Model with factory radio: Pin 7(Pink);model with factory NAV: Pin16 (Pink)	3	205
Honda	CR-V	2012 - 2014	None	Purple	White	2012civic	Pin 6 (Pink)	9	266
Honda	CR-Z w/ Bluetooth	2011 - 2012	None	None	White	Civic24	Civic24: Pin16 (Pink), Pin 5 (White); HondaHFL28: Pin2 (Green)	3	210
Honda	CR-Z w/ Navigation & Bluetooth	2011 - 2012	None	None	White	Civic24, HondaNav12, HondaHFL28	Civic24: Pin 16 (Pink), Pin 5 (White) HondaNAV12: Pin 1 (Orange) HondaHFL32: Pin 2 (Green)	3	211
Honda	CR-Z	2011 - 2013	None	None	White	Civic24	Pin 16(Pink)	3	135
Honda	CR-Z w/ Bluetooth	2013	None	Purple	White	Civic24, HondaHFL32	Civic24: Pin 16 (Pink), Pin 5 (White) HondaHFL32: Pin 15 (Green)	9	277
Honda	Element	2005 - 2008	None	None	White	Honda20	Pin 3 (Green/Red), NAV:	3	144
Honda	Element	2009 - 2010	None	None	White	Honda20	Radio: Pin 3 (Green/Red)	3	144
Honda	Element w/ Navigation	2009 - 2010	None	None	White	Civic24, HondaNav12	Civic24: Pin16 (Green/Red); HondaNAV12: Pin1 (Green);	3	48
Honda	Fit	2009 - 2012	None	None	White	Civic24	Pin 16 (Pink), Pin 5 (White)	3	250
Honda	Fit w/ Navigation	2009 - 2012	None	None	White	Civic24, HondaNav12	Civic24: Pin16 (Pink); HondaNAV12: Pin1 (Green);	3	51
Honda	Fit	2013	None	None	White	Civic24	Pin 16 (Pink), Pin 5 (White)	8	250
Honda	Fit w/ Bluetooth	2013	None	None	White	Civic24	Pin 16 (Pink), Pin 5 (White), Pin 2 (Green)	8	279
Honda	Insight w/ Navigation	2009 - 2010	None	None	White	Civic24, HondaNav12	Civic24: Pin16 (Pink); HondaNAV12: Pin1 (Green);	3	51
Honda	Insight w/ Navigation & Bluetooth	2010	None	None	White	Civic24, HondaNav12, HondaHFL28	Civic24: Pin16 (Pink); HondaNAV12: Pin1 (Green); HondaHFL28: Pin2 (Blue)	3	54
Honda	Insight	2010 - 2013	None	None	White	Civic24	Pin 16 (Pink), Pin 5 (Brown or White)	3	218
Honda	Odyssey	2000 - 2004	None	None	White	Honda20	Pin 3 (Green/Red)	3	141
Honda	Odyssey	2005 - 2007	None	None	White	Honda20	Pin 3 (White), Pin 11 (Brown)	3	149
Honda	Odyssey w/ Navigation	2005 - 2007	None	None	White	Honda20, HondaNav14	Honda20: Pin3 (White); HondaNAV14: Pin10 (Gray)	3	82
Honda	Odyssey w/ Navigation & Bluetooth	2007	None	None	White	Honda20, HondaNav14, HondaHFL28	Honda20: Pin3 (White); HondaNAV14: Pin10 (Gray); HondaHFL28: Pin2 (Blue)	3	81
Honda	Odyssey	2008 - 2010	None	None	White	Civic20	Pin 7 (Pink), Pin 6 (Brown)	3	151
Honda	Odyssey w/ Navigation	2008 - 2010	None	None	White	Civic20, HondaNav16	Civic20: Pin7 (Pink); HondaNAV16: Pin12 (gray);	3	116
Honda	Odyssey w/ Navigation & Bluetooth	2008 - 2010	None	None	White	Civic20, HondaNav16, HondaHFL28	Civic20: Pin7 (Pink); HondaNAV16: Pin12 (Gray); HondaHFL28: Pin2 (Blue)	3	118
Honda	Odyssey	2011 - 2014	None	None	White	Civic24	Pin 16(Pink)	3	135
Honda	Odyssey w/ Navigation & Bluetooth	2011 - 2014	None	Purple	White	Civic24	Civic24: Pin 16 (Pink), Pin 5 (Orange), HondaHFL32: Pin 15 (Lt. Green)	9	276
Honda	Pilot	2003 - 2005	None	None	White	Honda20	Pin 3 (Green/Red)	3	142
Honda	Pilot	2005 - 2008	None	Purple	White	Honda20	Pin 3 (Green/Red)	9	143
Honda	Pilot w/ Navigation	2006 - 2008	None	None	White	Honda20, HondaNav14	Honda20: Pin3 (Green Red); HondaNAV14: Pin10 (orange)	3	69
Honda	Pilot w/ Navigation	2009 - 2010	None	None	White	Civic24, HondaNav16	Civic24: Pin16 (Pink); HondaNAV16: Pin12 (purple);	3	58
Honda	Pilot w/ Navigation & Bluetooth	2009 - 2010	None	None	White	Civic24, HondaNav16, HondaHFL28	Civic24: Pin16 (Pink); HondaNAV16: Pin12 (purple); HondaHFL28: Pin2 (white)	3	60
Honda	Pilot	2010 - 2013	None	None	White	Civic24	Pin 16(Pink)	3	135
Honda	Ridgeline	2006 - 2008	None	None	White	Honda20	Pin 3 (Green/Red)	3	148
Honda	Ridgeline w/ Navigation	2006 - 2008	None	None	White	Honda20, HondaNav14	Honda20: Pin3 (Green Red); HondaNAV14: Pin10 (gray)	3	71
Honda	Ridgeline	2009 - 2013	None	None	White	Civic24	Pin 16 (Green/Red), Pin 5 (Brown)	3	226
Honda	Ridgeline w/ Navigation	2009 - 2013	None	None	White	Civic24, HondaNav16	Civic24: Pin16 (Pink); HondaNAV16: Pin12 (gray);	3	55

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Honda	Ridgeline w/ Navigation & Bluetooth	2009 - 2013	None	None	White	Civic24, HondaNav16, HondaHFL28	Civic24: Pin 16 (Pink), Pin 5 (Brown) HondaNAV16: Pin 12 (Gray) HondaHFL28: Pin 2 (Purple)	3	57
Honda	S2000	2000 - 2009	None	None	White	Honda20	Pin3 (Green/Red)	3	201
Honda	All Other Models	2000 - 2005	None	None	White	Honda20	Pin 3 (Green/Red)	3	8
Hummer	H2	2003 - 2007	None	Brown	Green	Suv	Pin B31 (Lt. Green)	1	348
Hummer	H2	2008 - 2009	None	Brown	Green	GM07SUV	Pin 6 (Green)	1	11
Hyundai	Accent	2010	None	None	White	NewKiaHyundai	Pin 16 (Red/ orange)	8	63
Hyundai	Accent	2011	None	None	Purple	NewKiaHyundai	Pin 16 (Red/ orange)	9	64
Hyundai	Accent	2012 - 2013	None	Purple	White	2011sonata	Pin 4 (Yellow/Orange), 17 (Orange)	9	255
Hyundai	Azera	2006 - 2009	None	None	White	Hyundai24	Pin 6 (White), Pin 18 (Black)	8	112
Hyundai	Azera	2009 - 2011	None	None	White	NewKiaHyundai	Pin 16 (White), Pin 17 (White/Black)	8	98
Hyundai	Elantra	2007 - 2008	None	None	White	Hyundai24	Pin 6 (Green), Pin 18 (Black)	8	104
Hyundai	Elantra	2009 - 2010	None	None	White	NewKiaHyundai	Pin 16 (Green), Pin 17 (Black)	8	96
Hyundai	Elantra	2011 - 2013	None	Purple	White	2011sonata	Pin 4 (Blue or Brown), Pin 17 (Green)	9	84
Hyundai	Elantra	2014	None	None	White	NewKiaHyundai	Pin 16 (White), Pin 17 (White/Black)	9	99
Hyundai	Entourage	2007 - 2008	None	None	White	Hyundai24	Pin 6 (Blue/black), Pin 17 (Black/Orange)	8	100
Hyundai	Entourage	2009 - 2010	None	None	White	NewKiaHyundai	Pin 16 (blue/black), Pin 17 (red)	8	90
Hyundai	Genesis	2009 - 2013	None	None	White	genesis	Pin 3 (Green or Grey), Pin 4 (Black/Orange)	8	366
Hyundai	Genesis Coupe	2010 - 2012	None	None	White	NewKiaHyundai	Pin 16 (Brown), Pin 17 (Black/Orange)	8	92
Hyundai	Genesis Coupe	2013 - 2014	None	None	White	2011sonata	Pin 4 (Brown), Pin 17 (Black/Orange)	8	309
Hyundai	Santa Fe	2007 - 2008	None	None	White	solstice	Pin 11 (Blue), Pin 12 (Grey)	8	40
Hyundai	Santa Fe	2009 - 2012	None	None	White	NewKiaHyundai	Pin 16 (Blue), Pin 17 (Grey)	8	86
Hyundai	Santa Fe	2013 - 2014	None	None	White	2011sonata	Pin 4 (Blue), Pin 17 (Grey)	8	311
Hyundai	Sonata	2006 - 2008	None	None	White	Hyundai24b	Pin 18(Brown), Pin 19 (Green)	8	65
Hyundai	Sonata	2009 - 2010	None	None	White	HyundaiEuro	Pin 6 (Brown), Pin 5 (Green)	8	114
Hyundai	Sonata	2011 - 2013	None	None	White	2011sonata	Pin 4 (Brown), Pin 17 (Green)	8	256
Hyundai	Tiburon	2005 - 2008	None	None	White	Hyundai3	Pin 2 (Blue/Orange), Pin 3 (Black)	8	67
Hyundai	Tucson	2010 - 2013	None	None	White	2011sonata	Pin 4 (Blue), Pin 17 (Grey)	8	313
Hyundai	Veloster	2012 - 2013	None	None	White	2011sonata	Pin 5 (Grey), Pin 17 (Green)	8	314
Hyundai	Veracruz	2007 - 2008	None	None	White	Hyundai24	Pin 6 (Blue), Pin 18 Blue/Black	8	110
Hyundai	Veracruz	2009 - 2013	None	None	White	NewKiaHyundai	Pin 16 (Blue), Pin 17(Blue/Black)	8	88
Infiniti	EX35	2008 - 2013	None	None	White	Nissan08	Pin 16 (Pink), Pin 6 (Blue)	3	12
Infiniti	FX35 / FX45	2003 - 2008	None	None	White	Maxima16b	Pin 12 - (Red/White or Red/Green) Pin 13 (Green/White) Pin 14 (Black/Yellow)	3	5
Infiniti	FX35 / FX45	2009 - 2013	None	None	White	Nissan08	Pin 16 (Pink), Pin 6 (Blue)	3	12
Infiniti	G35	2003 - 2007	None	None	White	G35	Pin 23 (Green), Pin 22 (Red)	3	274
Infiniti	G35	2007 - 2008	None	None	White	Nissan08	Pin 16 (Pink), Pin 6 (Blue)	3	12
Infiniti	G37	2008	None	None	White	Nissan08	Pin 16 (Blue), Pin 6 (Green)	3	234
Infiniti	G37	2009 - 2012	None	None	White	Nissan08	Pin 16 (Pink), Pin 6 (Blue)	3	12
Infiniti	I 30	2001	None	None	White	Maxima16a	Brown/White, Green/Black, Yellow/Red, Blue/Yellow, Red	3	6
Infiniti	I 35	2002 - 2004	None	None	White	Maxima16a	Pin 27 - (Blue/Yellow) Pin 26 - (Green/Black or Red)	3	334
Infiniti	M35/M45	2006 - 2010	None	None	White	Nissan08	Pin 16 (Orange), Pin 6 (Brown)	3	335
Infiniti	M35/M45	2011 - 2012	None	None	White	Nissan08	Pin 16 (Pink), Pin 6 (Blue)	3	12
Infiniti	Q45	2000	None	None	White	Maxima16a	Brown/White, Green/Black, Yellow/Red, Blue/Yellow, Red	3	6
Infiniti	QX4	2001	None	None	White	Maxima16a	Brown/White, Green/Black, Yellow/Red, Blue/Yellow, Red	3	6
Infiniti	QX4	2002 - 2003	None	None	White	Maxima16a	Pin 27 (Blue/Yellow), Pin 26 (Red)	3	336
Infiniti	QX56	2004 - 2007	None	None	White	Titan	Pin 13 (Green), Pin 12 (Red)	3	5
Infiniti	QX56	2008 - 2010	None	None	White	Nissan08	Pin 6 (Yellow), Pin 16 (Green)	3	260
Infiniti	QX56	2011 - 2012	None	None	White	Nissan08	Pin 16 (Yellow/Blue), Pin 6 (Yellow/Green)	3	261
Isuzu	Ascender	2004 - 2008	None	Brown	Green	Trailblazer	Pin A12 (Lt. Green)	1	9
Isuzu	Rodeo	2003 - 2004	None	None	White	Isuzu	Pin 5 (Red or Brown)	3	9
Jaguar	S-Type	2000 - 2002	None	None	White	No Pic Available	Pin 11 (White/Black) of the 17-Pin plug behind radio.	3	367
Jaguar	S-Type	2003 - 2008	None	None	White	No Pic Available	Pin 18 (White/Black)	3	9
Jaguar	XJR	2000	None	Purple	White	XJ826pin	Pin 2 (Brown/Green)	9	405
Jaguar	X-Type (XJR/XK8)	1999	None	Purple	White	Ford20	Violet/Yellow	9	368
Jaguar	X-Type (XK8)	2002	None	Purple	White	Ford20	Violet/Yellow	9	368
Jaguar	X-Type	2002 - 2003	None	None	White	No Pic Available	Pin 18 (Lt. Blue/Yellow)	3	369
Jaguar	X-Type (XJ8)	2003	None	Purple	White	No Pic Available	Brown/Light Green	9	370
Jaguar	X-Type (XKR)	2003	None	Purple	White	No Pic Available	Red/White	9	370
Jaguar	X-Type (XK8)	2004	None	None	White	XJ826pin	Pin 2 (Red/White)	9	337
Jaguar	X-Type	2004	None	None	White	No Pic Available	Pin 18 (Red/White)	3	9
Jaguar	X-Type	2005 - 2008	None	None	White	jagxtype	Pin 18 (Blue/Yellow)	3	9
Jeep	Commander	2006 - 2007	SWI-CAN	None	Green	Chy-Can	See SWI-CAN Instructions	2	10
Jeep	Commander	2008 - 2010	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	396
Jeep	Compass	2007 - 2008	SWI-CAN	None	Green	Chy-Can	See SWI-CAN Instructions	2	10
Jeep	Compass	2009 - 2014	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	396
Jeep	Grand Cherokee	2000 - 2004	None	None	White	No Pic Available	Red/Yellow in steering column	8	7
Jeep	Grand Cherokee	2005 - 2007	SWI-CAN	None	Green	Chy-Can	See SWI-CAN Instructions	2	10
Jeep	Grand Cherokee	2008 - 2011	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	396
Jeep	Grand Cherokee	2012 - 2013	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	10
Jeep	Liberty	2002 - 2007	None	None	Green	No Pic Available	Red/Black or Gray/White in steering column	2	7

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<u>Make</u>	<u>Model</u>	<u>Year</u>	<u>Can Interface</u>	<u>Cut Loop ?</u>	<u>SWI-RC Wire</u>	<u>Interface Connector</u>	<u>Pin Number (Color)</u>	<u>Version</u>	<u>See Notes</u>
Jeep	Liberty	2008 - 2014	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	10
Jeep	Patriot	2007 - 2008	SWI-CAN	None	Green	Chy-Can	See SWI-CAN Instructions	2	10
Jeep	Patriot	2009 - 2014	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	396
Jeep	Wrangler	2007 - 2014	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	10
Jeep	Wrangler	2010 - 2012	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	10
Kia	Amanti	2004 - 2006	None	None	White	Kia	Pin 6	8	108
Kia	Amanti	2007 - 2009	None	None	White	kia-12_24	Pin 6	8	161
Kia	Borrego	2009 - 2010	None	None	White	HyundaiEuro	Pin 5 (Blue/Black)	8	24
Kia	Cadenza	2014	None	None	White	2011sonata	Pin 4 (Red)	8	316
Kia	Forte	2010 - 2014	None	None	White	HyundaiEuro	Pin 5 (Green)	8	26
Kia	Optima	2006 - 2008	None	None	White	Hyundai24	Pin 6 (Brown)	8	102
Kia	Optima	2009 - 2010	None	None	White	NewKiaHyundai	Pin 16 (Brown)	8	94
Kia	Optima	2011 - 2014	None	None	White	2011sonata	Pin 4 (Brown)	8	256
Kia	Rio	2010 - 2012	None	None	White	NewKiaHyundai	Pin 16 (Red/Orange)	8	221
Kia	Rio	2013 - 2014	None	None	White	2011sonata	Pin 4 (Pink)	8	318
Kia	Rondo	2007 - 2012	None	None	White	Hyundai24	Pin 6 (Blue)	8	110
Kia	Sedona	2006 - 2008	None	None	White	Hyundai24	Pin 6 (Blue)	8	110
Kia	Sedona	2009 - 2014	None	None	White	NewKiaHyundai	Pin 16 (Blue/Black)	8	90
Kia	Sorento with Factory Amplifier	2003 - 2006	None	None	White	GM24	Pin 6 (Red/Orange)	8	106
Kia	Sorento without Factory Amplifier	2003 - 2006	None	None	White	sorento-without-amp	Pin 13 (Red/Orange)	8	44
Kia	Sorento	2007 - 2009	None	None	White	solstice	Pin 11 (Red/Orange), Pin 12 (Black)	8	42
Kia	Sorento	2010 - 2013	None	None	White	NewKiaHyundai	Pin16 (Blue)	8	46
Kia	Sorento	2014	None	None	White	2011sonata	Pin 4 (Blue), Pin 17 (Orange)	8	320
Kia	Soul	2010 - 2011	None	None	White	NewKiaHyundai	Pin 16 (Orange)	8	206
Kia	Soul	2012 - 2014	None	None	White	2011sonata	Pin 4 (Orange)	8	257
Kia	Sportage	2011 - 2013	None	None	White	2011sonata	Pin 4 (Blue)	8	231
Land Rover	Discovery	2000 - 2004	None	None	White	No Pic Available	Gray/Red	8	371
Land Rover	Freelander	2002 - 2005	None	None	White	No Pic Available	Black/White	8	339
Land Rover	LR3	2005 - 2006	None	None	White	LandRoverLR3	Pin 18 (Gray/Red)	8	273
Land Rover	Range Rover	2000 - 2001	None	None	White	No Pic Available	Pin 2 (Gray/Orange)	9	9
Land Rover	Range Rover	2002 - 2004	None	None	Yellow	No Pic Available	White/Gray w/ (Yellow Dots)	5	4
Lexus	ES 300	2004 - 2009	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	ES 330	2004 - 2009	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	ES 350	2004 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	GS	2006 - 2007	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	GS 300	2006 - 2009	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	GS 350	2006 - 2013	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	GS 400	2006 - 2010	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	GS 430	2006 - 2009	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	GS 450h	2006 - 2011	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	GS 460	2006 - 2009	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	GX 460	2009 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	GX 470	2003 - 2011	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	HS250h	2010 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	IS 250	2006 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	IS 300	2006 - 2010	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	IS 350	2006 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	IS F	2006 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	LS 340	2008 - 2010	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	LS 400	2008 - 2010	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	LS 430	2007 - 2010	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	LS 460	2007 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	LS 600h	2007 - 2010	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	LS500	2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	LX 450	2004 - 2010	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	LX 470	2004 - 2010	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	LX 570	2011 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	RX 300	2004 - 2010	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	RX 330	2004 - 2010	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	RX 350	2004 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lexus	RX 400h	2004 - 2010	None	None	White	Toyota	Pin 7, Pin 8	8	2
Lincoln	Aviator	2003	None	None	White	Ford20	pin 14 (Lt. Blue / Red)	3	9
Lincoln	Aviator	2004 - 2005	None	None	White	Ford24	Pin 18 (Lt. Blue/Red)	3	9
Lincoln	Blackwood	2002	None	None	White	Ford20	Pin 14 (Lt. Blue/Red)	3	9
Lincoln	Continental	2000 - 2003	None	None	White	Ford20	Pin 14 (Lt. Blue/Red)	3	9
Lincoln	LS	2000 - 2002	None	None	White	Ford20	Pin 14 (White/Black)	3	9
Lincoln	LS	2003 - 2006	None	None	White	Ford24	Pin 18 (White/Black)	3	340
Lincoln	Mark LT	2008	None	None	White	Ford24	Pin 18 (Lt. Blue/Red)	3	363
Lincoln	Mark LT	2006 - 2007	None	None	White	Ford24	Pin 18 (Lt. Blue/Red)	3	9
Lincoln	MKS	2009 - 2011	None	Purple	White	Ford24	Pin 18 (Gray/Yellow)	9	372
Lincoln	MKT	2010	None	Purple	White	Ford24	Pin 18 (Gray/Yellow)	9	372
Lincoln	MKT	2011	None	None	White	Ford24	Pin 18 (Gray/Yellow)	3	213
Lincoln	MKX	2010	None	None	Green	No Pic Available	Use MS-FRD1 or RP4-FD11	2	214
Lincoln	MKX	2006 - 2009	None	Purple	White	Ford24	Pin 18 (Gray/Yellow)	9	373
Lincoln	MKZ	2006 - 2009	None	Purple	White	Ford24	Pin 18 (Gray/Yellow)	9	373
Lincoln	MKZ	2010 - 2011	None	None	White	Ford24	Pin 18 (Gray/Yellow)	3	212

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Lincoln	Navigator	1998	None	None	Orange	Ford16	Pin 16 (Lt. Blue/Pink)	6	360
Lincoln	Navigator	2000 - 2003	None	None	Orange	Ford20	Pin 6 (Lt. Blue/Pink)	6	359
Lincoln	Navigator	2000 - 2003	None	None	White	Ford20	Pin 14 (Lt. Blue/Red)	3	9
Lincoln	Navigator	2004 - 2006	None	None	White	Ford24	Pin 18 (Lt. Blue/Red)	3	9
Lincoln	Navigator	2007 - 2009	None	None	Purple	White	Pin 18 (Gray/Yellow)	9	372
Lincoln	Navigator	2010 - 2011	None	None	White	Ford24	Pin 18 (Gray/Yellow)	3	213
Lincoln	Town Car	1995 - 1997	None	None	Orange	Ford16	Pin 12 or 16 (Lt. Blue/Pink)	6	360
Lincoln	Town Car	1998 - 2002	None	None	White	Ford20	Pin 14 (Lt. Blue/Red)	3	9
Lincoln	Town Car	2003 - 2010	None	None	White	Ford24	Pin 18 (Lt. Blue/Red)	3	9
Lincoln	Zephyr	2006 - 2009	None	None	Purple	White	Pin 18 (Gray/Yellow)	9	373
Mazda	2 Series	2011 - 2013	None	None	White	Mazda24	Pin 10 (Red/Black)	3	203
Mazda	3 Series	2004 - 2009	None	None	White	Mazda24	Pin 10(White/Black)	3	39
Mazda	3 Series	2010 - 2013	None	None	White	Mazda24	Pin 10 (Red)	3	33
Mazda	3 Series W/ Bluetooth	2010 - 2013	None	None	White	Mazda24, MazdaBlue28	Mazda24: Pin10 (Red); MazdaBlue28: Pin 3 (Pink)	3	32
Mazda	3 Series w/ Bluetooth	2014	None	None	White	Mazda24, MazdaBlue28	Pin 10 (Lt. Blue), Pin 3 (Grey)	3	397
Mazda	5 Series	2006 - 2011	None	None	White	Mazda24	Pin 10(Red/black)	3	34
Mazda	5 Series	2012 - 2013	None	None	White	Mazda24	Pin 10 (Red/Black)	3	237
Mazda	5 Series w/ Bluetooth	2012 - 2013	None	None	White	Mazda24, MazdaBlue28	Mazda 24: Pin 10 (Red/Black) Mazda24BT: Pin 3 (Gray)	3	238
Mazda	6 Series	2006 - 2008	None	None	White	Mazda24	Pin 10 (Red/black)	3	34
Mazda	6 Series	2009 - 2012	None	None	White	Mazda24	Pin10 (white/black)	3	39
Mazda	6 Series w/ Bluetooth	2009 - 2012	None	None	White	Mazda24, MazdaBlue28	Mazda24 (Pin10: White/black); MazdaBlue28 (Pin 3: white/Red, right)	3	38
Mazda	CX-5	2013	None	None	White	Mazda24	Pin 10	3	251
Mazda	CX-7	2007 - 2012	None	None	White	Mazda24	Pin 10	3	39
Mazda	CX-7 w/ Bluetooth	2009	None	None	White	Mazda24, MazdaBlue28	Mazda24 (Pin10: White/Black); MazdaBlue28 (Pin 3:Gray/Orange)	3	36
Mazda	CX-7 w/ Bluetooth	2010 - 2012	None	None	White	Mazda24, MazdaBlue28	Mazda24 (Pin10: White/Black); MazdaBlue28 (Pin 3:Brown)	3	35
Mazda	CX-9 w/ Bluetooth	2007 - 2009	None	None	White	Mazda24, MazdaBlue24	Mazda24 (Pin10: Gray/Black); MazdaBlue24 (Pin K: Lt. Green/Red)	3	29
Mazda	CX-9	2007 - 2012	None	None	White	Mazda24	Pin 10(Gray/Black)	3	31
Mazda	CX-9 w/ Bluetooth	2010 - 2012	None	None	White	Mazda24, MazdaBlue28	Mazda24 (Pin10: White/Black); MazdaBlue28 (Pin 3: Lt. Green/ Red)	3	37
Mazda	Miata	2006 - 2013	None	None	White	Mazda24	Pin 10(Blue/Black)	3	28
Mazda	MPV	2002 - 2003	None	None	White	Mazda24	Pin 8	3	375
Mazda	MPV w/ Bluetooth	2002 - 2003	None	None	White	Mazda24BT	Mazda24: Pin 10 Mazda24BT: Pin 3	9	374
Mazda	MPV	2002 - 2003	None	None	White	Mazda14	Pin 10	3	9
Mazda	MPV	2004 - 2010	None	None	White	Mazda24	Pin 10(Gray/Black)	3	30
Mazda	RX8	2004 - 2010	None	None	White	Mazda24	Pin 10(Red/Black)	3	34
Mazda	All Other Models* <i>*with 14 pin connector</i>	2000 - 2005	None	None	White	Mazda14	Pin 8	3	None
Mazda	All Other Models w/ Bluetooth	2003 - 2011	None	None	White	Mazda24, MazdaBlue28	Mazda24: Pin 10 Mazda24BT: Pin 3	9	374
Mazda	All Other Models* <i>*with 24 pin connector</i>	2003 - 2011	None	None	White	Mazda24	Pin 10	3	375
Mercedes	C 230	2003 - 2004	SWI-CAN	None	Green	Mercedes-Can	See SWI-CAN Instructions	2	10
Mercedes	C-280	2006	SWI-CAN2	None	Green	Mercedes-can-6	See SWI-CAN2 Instructions	2	10
Mercedes	CLK	2005	SWI-CAN2	None	Green	No Pic Available	See SWI-CAN2 Instructions	2	9
Mercedes	CLK	2006	SWI-CAN2	None	Green	No Pic Available	See SWI-CAN2 Instructions	2	9
Mercedes	CLK	2000 - 2002	SWI-CAN2	None	Green	Mercedes-Can	See SWI-CAN2 Instructions	2	10
Mercedes	CLK 320	2005	SWI-CAN2	None	Green	No Pic Available	See SWI-CAN2 Instructions	2	9
Mercedes	CLK 320	2003 - 2004	SWI-CAN	None	Green	Mercedes-Can	See SWI-CAN Instructions	2	10
Mercedes	CLK 350	2007	SWI-CAN2	None	Green	Mercedes-Can-2	See SWI-CAN2 Instructions	2	10
Mercedes	CLS	2006	SWI-CAN2	None	Green	Mercedes-Can-2	See SWI-CAN2 Instructions	2	10
Mercedes	E	2000 - 2002	SWI-CAN2	None	Green	Mercedes-Can	See SWI-CAN2 Instructions	2	10
Mercedes	E	2003 - 2008	SWI-CAN2	None	Green	Mercedes-Can-2	See SWI-CAN Instructions	2	10
Mercedes	G	2002	SWI-CAN	None	Green	mercedes-can-5	See SWI-CAN Instructions	2	299
Mercedes	GL	2008	SWI-CAN2	None	Green	Dock-n-Lock-Can	See SWI-CAN2 Instructions	2	10
Mercedes	S	2001	SWI-CAN2	None	Green	Mercedes-Can	See SWI-CAN2 Instructions	2	10
Mercedes	S	2003	SWI-CAN2	None	Green	Mercedes-Can-4	See SWI-CAN2 Instructions	2	10
Mercedes	SL	2006	SWI-CAN2	None	Green	Mercedes-Can-3	See SWI-CAN2 Instructions	2	10
Mercedes	SLK	2006	SWI-CAN2	None	Green	Mercedes-Can-3	See SWI-CAN2 Instructions	2	10
Mercedes	Sprinter	2010 - 2013	SWI-CAN2	None	Green	Dock-n-Lock-Can	See SWI-CAN2 Instructions	2	10
Mercury	Grand Marquis	2000 - 2002	None	None	White	Ford20	Pin 14 (Lt. Blue/Red)	3	9
Mercury	Grand Marquis	2003 - 2010	None	None	White	Ford24	Pin 18 (Lt. Blue/Red)	3	9
Mercury	Marauder	2003 - 2009	None	None	White	Ford24	Pin 18 (Lt. Blue/Red)	3	9
Mercury	Mariner	2008 - 2009	None	None	Purple	White	Pin 18 (Grey/Yellow)	9	373
Mercury	Mariner	2010 - 2011	None	None	White	Ford24	Pin 18 (Gray/Yellow), Pin 19 (Blue/White)	3	212
Mercury	Milan	2006 - 2010	None	None	Purple	White	Pin 18 (Gray/Yellow)	9	373
Mercury	Milan	2011	None	None	White	Ford24	18 (Gray/Yellow), 19 (Blue/White)	3	212
Mercury	Montego	2005 - 2007	None	None	White	Ford24	Pin 18 (Lt. Blue/Red)	3	9
Mercury	Monterey	2004 - 2007	None	None	White	Ford24	Pin 18 (Lt. Blue/Red)	3	9
Mercury	Mountaineer - Rear Controls	2000 - 2003	None	None	Orange	Ford20	Pin 6 (Lt. Blue/Pink)	6	359

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Mercury	Mountaineer - Front Controls	2000 - 2003	None	None	White	Ford20	Pin 14 (Lt. Blue/Red or Yellow)	3	9
Mercury	Mountaineer - w/ 20 Pin Connector	2004 - 2005	None	None	White	Ford20	Pin 14 (Yellow)	3	9
Mercury	Mountaineer - w/ 24 Pin Connector	2004 - 2005	None	None	White	Ford24	Pin 18 (Yellow)	3	9
Mercury	Mountaineer	2006 - 2010	None	Purple	White	Ford24	Pin 18 (Gray/Yellow)	9	373
Mercury	Sable	2008 - 2009	None	None	White	Ford24	Pin 18 (Grey/Yellow)	3	9
Mercury	Villager	2000 - 2002	None	None	White	Ford20	Pin 14 (Lt. Blue/Red, Yellow or White/Black)	3	9
Mini	Cooper	2002 - 2007	None	None	Yellow	No Pic Available	White/Red/(Yellow Dots)	5	4
Mitsubishi	Diamante	2001 - 2003	None	None	Yellow	No Pic Available	Lt. Green/Black, 6-Pin plug behind radio	5	376
Mitsubishi	Eclipse	2002 - 2005	None	None	White	eclipse_old	Pin 24 (Green/Orange)	8	377
Mitsubishi	Eclipse	2006 - 2012	None	None	White	eclipse_new	Pin 31 (Green/Orange)	8	378
Mitsubishi	Endeavor	2007 - 2012	None	None	White	eclipse_new	Pin 31 (Green/Orange)	8	378
Mitsubishi	Galant	2006	None	None	White	gallant	Green/Orange	8	342
Mitsubishi	Galant	2007 - 2012	None	None	White	eclipse_new	Pin 31 (Green/Orange)	8	378
Mitsubishi	Lancer	2008 - 2014	None	None	White	Mitsubishi20	Pin 12 (Blue)	8	379
Mitsubishi	Outlander	2007 - 2010	None	None	White	outlander	Pin 22 (Blue)	8	380
Mitsubishi	Outlander	2011 - 2014	None	None	White	Mitsubishi20	Pin 12 (Blue)	8	258
Mitsubishi	Raider	2006 - 2008	SWI-CAN	None	Green	Chy-Can	See SWI-CAN Instructions	2	10
Nissan	350Z	2009	None	None	White	Nissan350z	Bose: Pin 23 and Pin 22 / Non Bose: Pin 22 and Pin 21	3	269
Nissan	350Z w/ Bluetooth	2009	None	None	White	Nissan350z, Nissan32BT	Bose: Pin 23 and Pin 22 / Non Bose: Pin 22 and Pin 21	3	345
Nissan	350Z	2006 - 2008	None	None	White	Nissan350z	Bose: Pin 23 (Orange), Pin 22 (Red/Green) / Non Bose: Pin 22 (Orange), Pin 21 (Red/Green)	3	19
Nissan	350Z w/ Bluetooth	2006 - 2008	None	None	White	Nissan350z, Nissan32BT	Bose: Pin 23 (Orange), Pin 22 (Red/Green) / Non Bose: Pin 22 (Orange), Pin 21 (Red/Green)	3	20
Nissan	370Z	2009 - 2012	None	None	White	Nissan08	Pin 16 and Pin 6	3	178
Nissan	370Z w/ Bluetooth	2009 - 2012	None	None	White	Nissan08, Nissan32BT	Pin 16 and Pin 6	3	179
Nissan	Altima	2000	None	None	White	Ford20	Pin 14 (White/Black)	3	9
Nissan	Altima	2002 - 2004	None	None	White	Altima162	Pin 13 and Pin 4	3	177
Nissan	Altima	2005 - 2006	None	None	White	Xterra2	Pin 1 and Pin 10	3	175
Nissan	Altima w/ Navigation	2007 - 2009	None	None	White	NissanNav	Pin 27 and Pin 25	3	194
Nissan	Altima	2007 - 2011	None	None	White	Nissan08	Pin 16 and Pin 6	3	186
Nissan	Altima w/ Bluetooth	2007 - 2012	None	None	White	Nissan08, Nissan32BT	Pin 16 and Pin 6	3	185
Nissan	Altima	2010 - 2012	None	None	White	Nissan08	Pin 16 and Pin 6	3	186
Nissan	Armada	2004 - 2007	None	None	White	Titan	Pin 13 and Pin12	3	200
Nissan	Armada w/ Bluetooth	2008 - 2012	None	None	White	Nissan08	Pin 16 and Pin 6	3	183
Nissan	Armada	2008 - 2013	None	None	White	Nissan08	Pin 16 and Pin 6	3	183
Nissan	Cube	2009 - 2013	None	None	White	Nissan08	Pin 16 and Pin 6	3	187
Nissan	Cube w/ Bluetooth	2009 - 2013	None	None	White	Nissan08, Nissan32BT	Pin16 and Pin 6	3	188
Nissan	Frontier	2000 - 2004	None	None	White	Maxima16A	Pin 27	3	164
Nissan	Frontier	2005 - 2006	None	None	White	Maxima16B	Pin 9 and Pin 10	3	168
Nissan	Frontier	2007 - 2012	None	None	White	Maxima16B	Pin 9 and Pin 10	3	170
Nissan	Frontier w/ Bluetooth	2008 - 2012	None	None	White	Maxima16B, Nissan32BT	Pin 9 and Pin 10	3	171
Nissan	Frontier w/ Bluetooth	2013	None	None	White	Nissan08, Nissan32BT	Pin16 and Pin 6	3	291
Nissan	Juke	2011 - 2012	None	None	White	Nissan08	Pin16 and Pin 6	3	224
Nissan	Juke w/ Bluetooth	2011 - 2012	None	None	White	Nissan08, Nissan32bt	Pin16 and Pin 6	3	225
Nissan	Juke	2013	None	None	White	Nissan08	Pin16 and Pin 6	3	293
Nissan	Juke w/ Bluetooth	2013	None	None	White	Nissan08, Nissan32bt	Pin16 and Pin 6	3	292
Nissan	Leaf	2012	None	None	White	Nissan08	Pin16 and Pin 6	3	259
Nissan	Leaf w/ Bluetooth	2013	None	None	White	Nissan08, Nissan32BT	Pin16 and Pin 6	3	297
Nissan	Leaf	2013	None	None	White	Nissan08	Pin16 and Pin 6	3	298
Nissan	Maxima	2000 - 2001	None	None	White	Maxima16a	Brown/White, Green/Black, Yellow/Red, Blue/Yellow, Red	3	6
Nissan	Maxima	2002 - 2003	None	None	White	Maxima16A	Pin 27 and Pin 26	3	163
Nissan	Maxima	2004 - 2005	None	None	White	Maxima16B	Pin 13 and Pin 12	3	165
Nissan	Maxima	2006	None	None	White	Maxima16B	Pin 13 and Pin 12	3	166
Nissan	Maxima w/ Bluetooth	2007 - 2008	None	None	White	Nissan08, Nissan32BT	Pin 13 and Pin 12	3	191
Nissan	Maxima w/ Navigation	2007 - 2008	None	None	White	Maxima16B, Nissan32BT	Pin16 and Pin 6	3	167
Nissan	Maxima	2007 - 2012	None	None	White	Nissan08	Pin16 and Pin 6	3	180
Nissan	Maxima w/ Bluetooth	2009 - 2010	None	None	White	Nissan08	Pin16 and Pin 6	3	186
Nissan	Maxima w/ Navigation	2009 - 2013	None	None	White	Nissan08	Pin16 and Pin 6	3	186
Nissan	Maxima w/ Bluetooth	2011 - 2013	None	None	White	Nissan08, Nissan32BT	Pin16 and Pin 6	3	184

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Nissan	Murano	2003 - 2007	None	None	White	Murano16B	Pin 13 and pin 12	3	197
Nissan	Murano	2009 - 2013	None	None	White	Nissan08	Pin 16 and Pin 6	3	189
Nissan	NV200 w/ Bluetooth	2013	None	None	White	Nissan08, Nissan32bt	Pin 16 and Pin 6	3	391
Nissan	NV200	2013	None	None	White	Nissan08	Pin 16 and Pin 6	3	393
Nissan	NV2500	2012 - 2013	None	None	White	Nissan08	Pin 16 and Pin 6	3	394
Nissan	NV2500 w/ Bluetooth	2012 - 2013	None	None	White	Nissan08, Nissan32bt	Pin 16 and Pin 6	3	392
Nissan	Pathfinder	2000 - 2001	None	None	White	Maxima16a	Brown/White, Green/Black, Yellow/Red, Blue/Yellow, Red	3	6
Nissan	Pathfinder	2002 - 2004	None	None	White	Maxima16a	Pin 27(Blue/Yellow), Pin 26(Green/Black or Red)	3	346
Nissan	Pathfinder	2005 - 2007	None	None	White	xterra2	Pin 1 (Gray), Pin 10 (Red)	3	172
Nissan	Pathfinder w/ Bluetooth	2008 - 2012	None	None	White	Nissan08	Pin 16 and Pin 6	3	190
Nissan	Pathfinder	2013 - 2014	None	None	White	Nissan08	Pin 16 and Pin 6	3	300
Nissan	Pathfinder w/ Bluetooth	2013 - 2014	None	None	White	Nissan08	Pin 16 and Pin 6	3	301
Nissan	Quest	2000 - 2002	None	None	White	Ford20	Pin 15 (White/Red) Pin 14(White/Black)	3	160
Nissan	Quest	2004 - 2009	None	None	White	Maxima16C	Pin 13 and Pin 12	3	173
Nissan	Quest w/ Bluetooth	2008 - 2009	None	None	White	Maxima16B, Nissan32BT	Pin 13 and Pin 12	3	174
Nissan	Quest	2011 - 2012	None	None	White	Nissan08	Pin 16 and Pin 6	3	249
Nissan	Quest w/ Bluetooth	2013	None	None	White	Nissan08, Nissan32bt	Pin 16 and Pin 6	3	302
Nissan	Rogue	2008 - 2012	None	None	White	Nissan08	Pin 16 and Pin 6	3	192
Nissan	Rogue w/ Bluetooth	2008 - 2012	None	None	White	Nissan08, Nissan32BT	Pin 16 and Pin 6	3	193
Nissan	Rogue w/ Bluetooth	2013 - 2014	None	None	White	Nissan08, Nissan32bt	Pin 16 and Pin 6	3	304
Nissan	Sentra	2007 - 2010	None	None	White	Nissan08	Pin 16 and Pin 6	3	181
Nissan	Sentra w/ Bluetooth	2007 - 2012	None	None	White	Nissan08, Nissan32BT	Pin 16 and Pin 6	3	182
Nissan	Sentra w/ Bluetooth	2013	None	None	White	Nissan08, Nissan32bt	Pin 16 and Pin 6	3	305
Nissan	Titan	2004 - 2007	None	None	White	Titan	Pin 13 and Pin 12	3	198
Nissan	Titan	2008	None	None	White	Titan	Pin 13 and Pin 12	3	243
Nissan	Titan w/ Premium Audio	2008	None	None	White	Titan	Pin 13 and Pin 12	3	244
Nissan	Titan	2009 - 2010	None	None	White	Maxima16b	Pin 9 and Pin 10	3	242
Nissan	Titan w/ Premium Audio	2009 - 2012	None	None	White	Titan	Pin 13 and Pin 12	3	235
Nissan	Titan w/ Bluetooth	2011	None	None	White	Maxima16B	Pin 9 and Pin 10	3	247
Nissan	Titan w/ Bluetooth	2012	None	None	White	Maxima16b	Pin 9 and Pin 10	3	241
Nissan	Titan	2012	None	None	White	Maxima16b	Pin 9 and Pin 10	3	240
Nissan	Titan w/ Bluetooth	2013	None	None	White	Nissan08, Nissan32bt	Pin 16 and Pin 6	3	306
Nissan	Versa w/ Bluetooth	2007 - 2011	None	None	White	Nissan08, Nissan32BT	Pin 16 and Pin 6	3	182
Nissan	Versa	2007 - 2011	None	None	White	Nissan08	Pin 16 and Pin 6	3	181
Nissan	Versa w/ Bluetooth	2012 - 2014	None	None	White	Nissan08, Nissan32BT	Pin 16 and Pin 6	3	245
Nissan	Versa	2012 - 2014	None	None	White	Nissan08	Pin 16 and Pin 6	3	246
Nissan	Xterra	2000 - 2004	None	None	White	Maxima16A	Pin 27	3	164
Nissan	Xterra	2005 - 2006	None	None	White	Xterra2	Pin 1 and Pin 10	3	172
Nissan	Xterra	2007 - 2012	None	None	White	Xterra2	Pin 5 and 13	3	196
Nissan	Xterra	2008 - 2012	None	None	White	Xterra2	Pin 5 and 13	3	195
Nissan	Xterra w/ Bluetooth	2013	None	None	White	Nissan08, Nissan32bt	Pin 16 and Pin 6	3	307
Nissan	Xterra	2013	None	None	White	Nissan08	Pin 16 and Pin 6	3	308
Nissan	All Other Models	2000 - 2002	None	None	White	Maxima16a	Brown/White, Green/Black, Yellow/Red, Blue/Yellow, Red	3	6
Oldsmobile	Alero	2001 - 2004	None	None	Green	GM24	Pin A7 (Blue or Green)	1	333
Oldsmobile	Aurora*	2001 - 2002	None	None	Green	7-pin-olds	Pin 6 (Blue wire)	4	None
									<i>*with 7 pin connector (behind radio), air bag and Temp controls on steering wheel.</i>
Oldsmobile	Aurora*	2001 - 2002	None	None	Green	GM32	Pin E5 or E6 (Dk. Blue or Lt. Green)	4	349
									<i>*with BLUE 32 pin connector, air bag and TEMP controls on steering wheel.</i>
Oldsmobile	Aurora*	2001 - 2002	None	None	Green	GM32	Pin E5 or E6 (Dk. Blue or Lt. Green)	1	None
									<i>*with BLUE 32 pin connector, air bag and NO Temp controls on steering wheel.</i>
Oldsmobile	Aurora*	2001 - 2003	None	Brown	Green	Pontiac40Pin	Pin D8 (Dk. Blue or Lt. Green)	1	329
									<i>*that have ribbon style connector that stays in the dash.</i>
Oldsmobile	Bravada	2002 - 2004	None	Brown	Green	Trailblazer	Pin A12 (Lt. Green)	1	9
Oldsmobile	Intrigue	2002	None	None	Green	GM24	Pin A7 (Blue or Green)	1	333
Oldsmobile	Silhouette*	2000	None	Brown	Green	Pontiac40Pin	Pin D8 (Dk. Blue or Lt. Green)	1	9
									<i>*that have ribbon style connector that stays in the dash.</i>
Oldsmobile	Silhouette	2001 - 2004	None	None	Green	GM24	Pin A7 (Blue or Green)	1	333
Oldsmobile	All Other Models*	2000 - 2002	None	None	Green	7-pin-olds	Pin 6 (Blue wire)	4	None
									<i>*with 7 pin connector (behind radio), air bag and Temp controls on steering wheel.</i>

VEHICLE INSTALLATION INFORMATION GUIDE (V.I.I.G.)

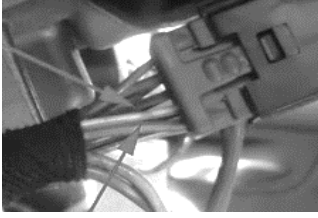
<u>Make</u>	<u>Model</u>	<u>Year</u>	<u>Can Interface</u>	<u>Cut Loop ?</u>	<u>SWI-RC Wire</u>	<u>Interface Connector</u>	<u>Pin Number (Color)</u>	<u>Version</u>	<u>See Notes</u>
Oldsmobile	All Other Models*	2000 - 2002	None	None	Green	GM32	Pin E5 or E6 (Dk. Blue or Lt. Green)	4	349
	<i>*with BLUE 32 pin connector, air bag and TEMP controls on steering wheel.</i>								
Oldsmobile	All Other Models *	2000 - 2002	None	None	Green	GM32	Pin E5 or E6 (Dk. Blue or Lt. Green)	1	None
	<i>*with BLUE 32 pin connector, air bag and NO Temp controls on steering wheel.</i>								
Oldsmobile	All Other Models*	2000 - 2005	None	Brown	Green	Pontiac40Pin	Pin D8 (Dk. Blue or Lt. Green)	1	329
	<i>*with ribbon style connector</i>								
Plymouth	Prowler	2000 - 2002	None	None	White	No Pic Available	Red/Blue in steering column	8	7
Plymouth	Voyager	2000	None	None	White	No Pic Available	Red/Black in steering column	8	7
Plymouth	Voyager	2001 - 2005	None	None	White	No Pic Available	Gray/White in steering column	8	7
Pontiac	Aztec	2001 - 2005	None	None	Green	GM24	Pin A7 (Blue or Green)	1	333
Pontiac	Bonneville	2000 - 2005	None	Brown	Green	Pontiac40Pin	Pin D8 (Dk. Blue or Lt. Green)	1	329
Pontiac	G5	2005 - 2006	None	None	Green	GM24a	Pin A9 (Dk. Blue)	1	358
Pontiac	G5	2007 - 2009	None	None	Green	solstice	Pin 11 (Dk. Blue)	1	351
Pontiac	G6	2005 - 2008	None	None	Green	GM24a	Pin A9 (Dk. Blue)	1	358
Pontiac	G6	2009 - 2010	None	None	Green	solstice	Pin 11 (Dk. Blue)	1	351
Pontiac	Grand Am	2001 - 2005	None	None	Green	GM24	Pin A7 (Blue or Green)	1	333
Pontiac	Grand Prix	2000 - 2003	None	None	Green	GM21	Pin 13 or 14 (Dk. Blue, Lt. Green or Violet/Black)	1	3
Pontiac	Grand Prix	2004 - 2008	None	None	Green	GM24	Pin A7 (Blue)	1	328
Pontiac	GTO	2004 - 2006	None	None	White	GTO	Pin C11 (Brown)	3	382
Pontiac	Montana	2000 - 2009	None	None	Green	GM24	Pin A7 (Blue or Green)	1	9
Pontiac	Solstice	2006 - 2010	None	None	Green	solstice	Pin 11 (Dk. Blue)	1	351
Pontiac	Torrent	2005 - 2006	None	None	Green	GM24a	Pin A9 (Dk. Blue)	1	358
Pontiac	Torrent	2007 - 2009	None	Brown	Green	GM07SUV	Pin 6 (Blue)	1	11
Pontiac	Vibe	2009 - 2010	None	None	White	Vibe14pin	Pin 4 (Beige) and Pin 3 (Pink)	8	233
Pontiac	All Other Models*	2000 - 2003	None	None	Green	GM21	Pin 13 or 14 (Dk. Blue, Lt. Green or Violet/Black)	1	3
	<i>*with 21 pin connector and air bag but without Temp controls on steering wheel.</i>								
Porsche	Cayenne	2005 - 2010	SWI-CAN	None	Green	Cayenne-Can	See SWI-CAN Instructions	2	13
Saab	9-3	2000 - 2003	None	Purple	White	Saab22	Yel/Blk wire (Pin 18), 22-Pin plug at display module	11	383
Saab	9-5	2000 - 2003	None	Purple	White	Saab25	Blue wire (Pin 22), 25-Pin plug at display module	11	384
Saab	9-5	2004 - 2005	None	None	White	Saab32	Blue wire (Pin 24), 32-Pin plug above radio at driver display module	11	385
Saab	9-7X	2005 - 2010	None	Brown	Green	Trailblazer	Pin A12 (Lt. Green or Green/White)	1	9
Saturn	Aura	2007 - 2009	None	None	Green	solstice	Pin 11 (Dk. Blue)	1	351
Saturn	Outlook	2007 - 2010	None	Brown	Green	GM07SUV	Pin 6 (Blue)	1	11
Saturn	Relay	2005 - 2007	None	None	Green	GM24	Pin A7 (Blue or Green)	1	9
Saturn	Sky	2007 - 2010	None	None	Green	solstice	Pin 11 (Dk. Blue)	1	351
Saturn	Vue	2006 - 2007	None	None	Green	solstice	Pin 11 (Dk. Blue)	1	351
Saturn	Vue	2008 - 2010	None	Brown	Green	GM07SUV	Pin 6 (Green)	1	11
Scion	iQ	2012 - 2013	None	None	White	Toyota	Pin 7, Pin 8	8	2
Scion	tC	2004 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Scion	xA	2004 - 2008	None	None	White	Toyota	Pin 7, Pin 8	8	2
Scion	xB	2004 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Scion	xD	2007 - 2013	None	None	White	Toyota	Pin 7, Pin 8	8	2
Subaru	Forester	2009 - 2010	None	None	White	Subaru20	Pin 4 (Green/Red)	3	159
Subaru	Forester w/ Bluetooth	2009 - 2010	None	None	White	i50	Pin 3 (Green/Red)	3	155
Subaru	Forester	2011 - 2012	None	None	White	Subaru20	Pin 4 (Green/Red)	3	230
Subaru	Forester w/ Bluetooth	2011 - 2013	None	None	White	Subaru20	Pin 4 (Green/Red), Pin 13 (Red)	8	217
Subaru	Forester w/ Bluetooth	2014	None	None	White	Subaru20	Pin 4 (Pink), Pin 13 (Blue/Yellow)	8	323
Subaru	Impreza w/ Bluetooth	2008 - 2010	None	None	White	i50	Pin 15 (Yellow)	3	22
Subaru	Impreza	2011	None	None	White	Nissan08	Pin 6 (brown)	8	21
Subaru	Impreza	2008 - 2013	None	None	White	Subaru20	Pin 14 (Yellow)	3	23
Subaru	Impreza w/ Bluetooth	2011 - 2013	None	None	White	Subaru20	Pin 4 (Brown or Brown/Black), Pin 13 (Blue/White or Blue/Yellow)	8	21
Subaru	Impreza w/ Navigation	2013	None	None	White	Toyota28	Pin 21 (Brown), Pin 22 (Blue/White)	8	271
Subaru	Legacy	2005 - 2009	None	None	White	Legacy	Pin 3 (violet/white)	3	154
Subaru	Legacy	2010 - 2013	None	None	White	Subaru20	Pin 4 (Violet/White)	3	158
Subaru	Legacy w/ Bluetooth	2010 - 2013	None	None	White	Subaru20	Pin 4 (Violet/White), Pin 11 (Blue/White)	3	157
Subaru	Outback	2005 - 2009	None	None	White	Legacy	Pin 3 (Violet/White)	3	154
Subaru	Outback	2010 - 2012	None	None	White	Subaru20	Pin 3 (Violet/White)	3	156
Subaru	Outback	2010 - 2012	None	None	White	Subaru20	Pin 4 (Violet/White), Pin 11 (Blue/White)	9	157
Subaru	Outback	2013	None	None	White	Toyota28	Pin 21 (Violet/White), Pin 22 (Blue/White)	8	280
Subaru	Tribeca	2006 - 2013	None	None	White	i26	Pin 11 (Violet/White)	3	153
Suzuki	Aerio	2005	None	None	White	Suzuki	Pin 19 (Violet), Pin 18 (Orange)	8	1
Suzuki	Equator	2012	None	None	White	Maxima16B	Pin 9 and Pin 10	3	170
Suzuki	Equator w/ Bluetooth	2012	None	None	White	Maxima16B, Nissan32BT	Pin 9 and Pin 10	3	171
Suzuki	Forenza	2004 - 2008	None	Purple	White	Forenza	Pin 16 (Dk. Blue)	9	386
Suzuki	Grand Vitara	2003 - 2005	None	None	White	Suzuki	Pin 19 (Violet), Pin 18 (Orange)	8	1
Suzuki	Grand Vitara	2006 - 2012	None	None	White	Honda20	Pin 19 (Purple)	3	387
Suzuki	Kizashi w/ Bluetooth	2010 - 2012	None	None	White	Suzuki	Pin 19(Pink), Pin 8(Pink/Green)	3	208
Suzuki	Kizashi	2010 - 2012	None	None	White	Suzuki	Pin 19 (Pink)	3	209
Suzuki	Reno	2006	None	Purple	White	Forenza	Pin 16 (Dk. Blue)	9	386

VEHICLE INSTALLATION INFORMATION GUIDE (V.I.I.G.)

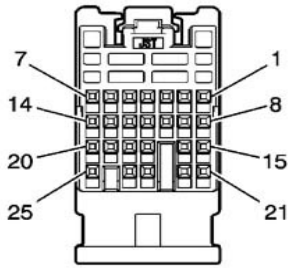
<u>Make</u>	<u>Model</u>	<u>Year</u>	<u>Can Interface</u>	<u>Cut Loop ?</u>	<u>SWI-RC Wire</u>	<u>Interface Connector</u>	<u>Pin Number (Color)</u>	<u>Version</u>	<u>See Notes</u>
Suzuki	SX4	2007 - 2013	None	None	White	Honda20	Pin 12 (Green)	3	388
Suzuki	Verona	2004 - 2005	None	Purple	White	No Pic Available	Pin 16 (White/Dk. Blue)	9	389
Suzuki	XL-7	2003 - 2005	None	None	White	Suzuki	Pin 19 (Violet), Pin 18 (Orange)	8	1
Suzuki	XL-7	2006	None	None	White	Honda20	Pin 12 (Violet)	8	390
Suzuki	XL-7	2007 - 2009	None	None	Green	GM07SUV	Pin 6 (Dk. Blue)	1	9
Toyota	4 Runner	2003 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	4 Runner	2013 - 2014	None	None	White	Toyota	Pin 7, Pin 8	8	282
Toyota	Avalon	2004 - 2010	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	Avalon	2011 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	Avalon	2013 - 2014	None	None	White	ToyotaCamry28	Pin 21 (Black), Pin 22 (Yellow), Pin 23 (Pink),	8	278
Toyota	Camry	2005 - 2010	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	Camry	2011	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	Camry	2012 - 2014	None	None	White	ToyotaCamry28	Pin 21 (Black), Pin 22 (Yellow), Pin 23 (Pink),	8	278
Toyota	Camry Solara	2004 - 2009	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	Corolla	2009 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	Corolla	2011 - 2012	None	None	White	Toyota28	Pin 21, Pin 22	8	220
Toyota	Corolla	2013 - 2014	None	None	White	Toyota	Pin 7, Pin 8	8	283
Toyota	FJ Cruiser	2007 - 2010	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	FJ Cruiser	2011 - 2014	None	None	White	Toyota	Pin 7, Pin 8	8	284
Toyota	Highlander	2004 - 2010	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	Highlander	2011 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	Highlander	2013 - 2014	None	None	White	Toyota	Pin 7, Pin 8	8	285
Toyota	Land Cruiser	2003 - 2010	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	Matrix	2009 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	Matrix	2013 - 2014	None	None	White	Toyota	Pin 7, Pin 8	8	286
Toyota	Prius	2004 - 2010	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	Prius	2011	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	Prius	2012	None	None	White	Toyota28	Pin 21, Pin 22	8	220
Toyota	Prius	2013 - 2014	None	None	White	Toyota	Pin 7, Pin 8	8	287
Toyota	Rav4	2012	None	None	White	Toyota28	Pin 7, Pin 8	8	220
Toyota	Rav4	2004 - 2012	None	None	White	Toyota	Pin 21, Pin 22	8	2
Toyota	Rav4	2013 - 2014	None	None	White	ToyotaCamry28	Pin 21 (White), Pin 22 (Red), Pin 24 (Green)	8	294
Toyota	Sequoia	2003 - 2010	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	Sequoia	2011 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	Sequoia	2013 - 2014	None	None	White	Toyota	Pin 7, Pin 8	8	295
Toyota	Sienna	2004 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	Sienna	2013 - 2014	None	None	White	Toyota	Pin 7, Pin 8	8	296
Toyota	Tacoma	2005 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	Tacoma	2013 - 2014	None	None	White	Toyota28	Pin 21 (Violet/White), Pin 22 (Yellow/Black)	8	267
Toyota	Tacoma	2013 - 2014	None	None	White	Toyota28	Pin 21 (Violet/White), Pin 22 (Yellow/Black)	8	288
Toyota	Tundra	2003 - 2014	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	Venza	2009 - 2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	Venza	2013 - 2014	None	None	White	Toyota28	Pin 21 (Gray), Pin 22 (Lt. Green), Pin 24 (Blue)	8	289
Toyota	Yaris	2012	None	None	White	Toyota	Pin 7, Pin 8	8	2
Toyota	Yaris	2013 - 2014	None	None	White	Toyota28	Pin 21 (Blue), Pin 22 (Pink)	8	290
Volkswagen	CC	2009 - 2011	None	None	Green	VW-Can	See SWI-CAN Instructions	2	227
Volkswagen	Eos	2006 - 2009	SWI-CAN	None	Green	VW-Can	See SWI-CAN Instructions	2	10
Volkswagen	Golf	2001	None	None	Orange	VW	Pin 11	7	9
Volkswagen	Golf	2006 - 2009	SWI-CAN	None	Green	VW-Can	See SWI-CAN Instructions	2	10
Volkswagen	GTI	2001	None	None	Orange	VW	Pin 11	7	9
Volkswagen	GTI	2006 - 2009	SWI-CAN	None	Green	VW-Can	See SWI-CAN Instructions	2	10
Volkswagen	Jetta	2001	None	None	Orange	VW	Pin 11	7	9
Volkswagen	Jetta	2002 - 2005	SWI-CAN	None	Green	VW-Can	See SWI-CAN Instructions	2	10
Volkswagen	Jetta	2006 - 2009	SWI-CAN	None	Green	VW-Can	See SWI-CAN Instructions	2	10
Volkswagen	Jetta	2010 - 2011	None	None	Green	VW-Can	See SWI-CAN Instructions	2	227
Volkswagen	Passat	2001	None	None	Orange	VW	Pin 11	7	9
Volkswagen	Passat	2002 - 2005	SWI-CAN	None	Green	VW-Can	See SWI-CAN Instructions	2	10
Volkswagen	Passat	2006 - 2009	SWI-CAN	None	Green	VW-Can	See SWI-CAN Instructions	2	10
Volkswagen	Rabbit	2009	SWI-CAN	None	Green	VW-Can	See SWI-CAN Instructions	2	10
Volkswagen	Rabbit	2006 - 2008	SWI-CAN	None	Green	VW-Can	See SWI-CAN Instructions	2	10
Volkswagen	Routan	2009 - 2012	SWI-CAN2	None	Green	Chy-Can2	See SWI-CAN2 Instructions	2	10
Volkswagen	Tiguan	2008 - 2011	SWI-CAN	None	Green	VW-Can	See SWI-CAN Instructions	2	9
Volkswagen	Touareg	2008	SWI-CAN	None	Green	VW-Can	See SWI-CAN Instructions	2	10
Volkswagen	Touareg	2005 - 2007	SWI-CAN	None	Green	VW-Can	See SWI-CAN Instructions	2	10
Volvo	S80	2006	SWI-CAN2	None	Green	Volvo12pin	See SWI-CAN2 Instructions	2	395
Volvo	XC-90	2007	SWI-CAN2	None	Green	volvo10pin	See SWI-CAN2 Instructions	2	236

VEHICLE CONNECTOR CHART (V.C.C.)

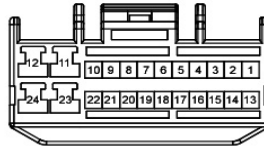
2008 BMW X3



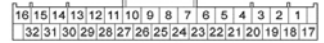
2011RegalBCM



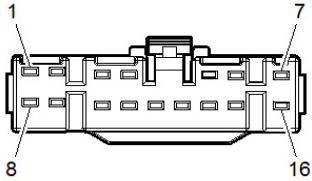
2011sonata



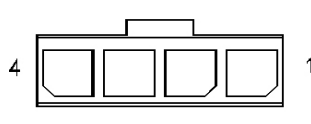
2012civic



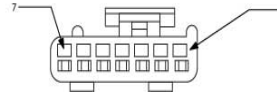
2013colorado



4PinClockSpring



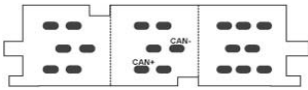
7-pin-olds



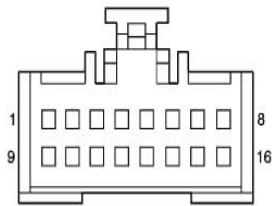
Altima162



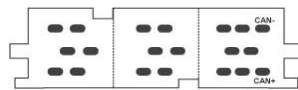
Audi-Can



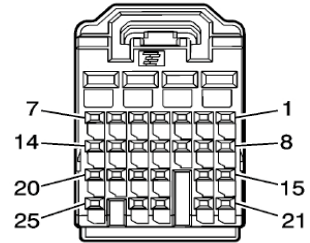
Caddy1



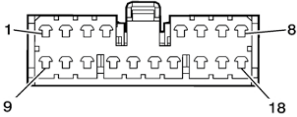
Cayenne-Can



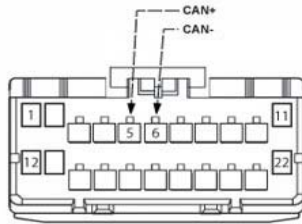
ChevySonicBCM



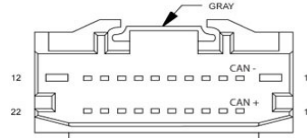
ChevySpark



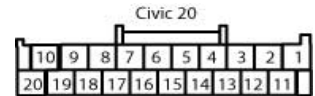
Chy-Can



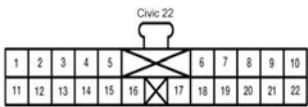
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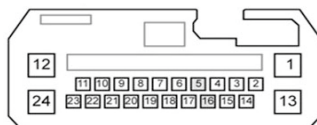
Civic20



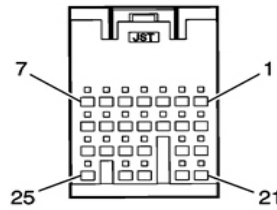
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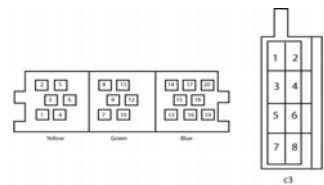
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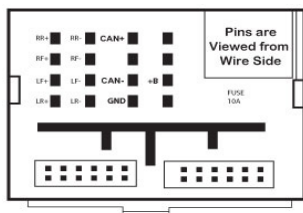
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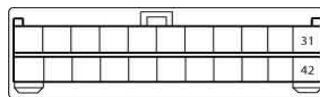
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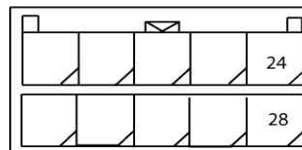
Dock-n-Lock-CAN



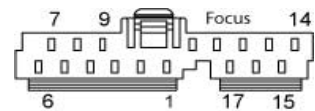
Eclipse New



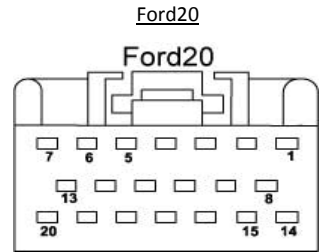
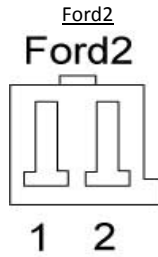
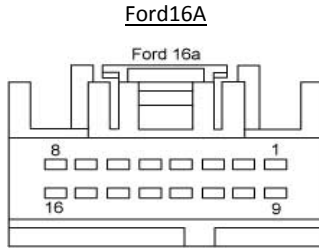
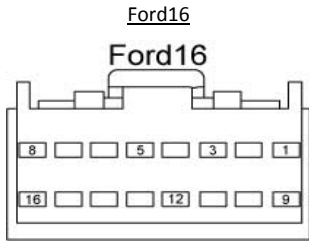
Eclipse Old



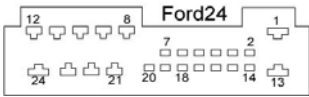
Focus



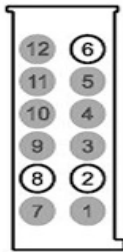
VEHICLE CONNECTOR CHART (V.C.C.)



Ford24



FordTransit12



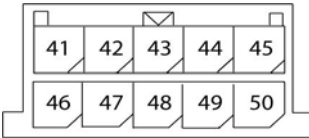
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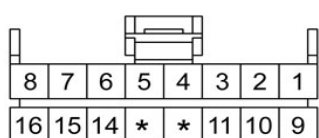
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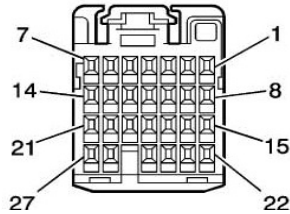
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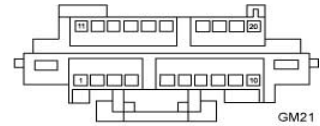
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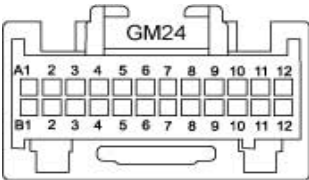
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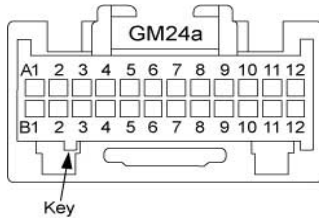
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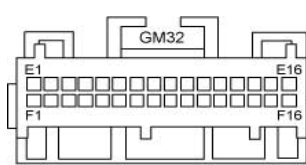
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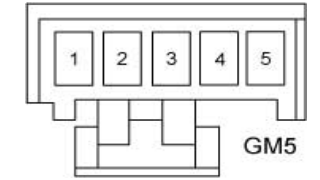
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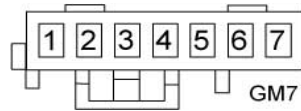
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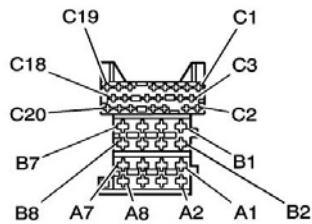
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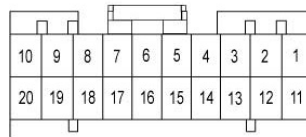
GM7



GTO



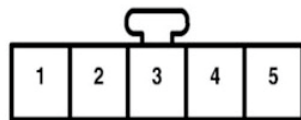
Honda20



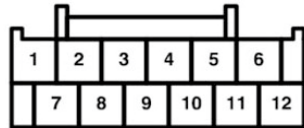
Honda32



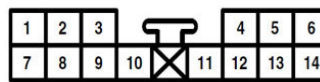
HondaNAV5



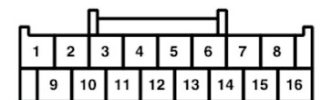
HondaNAV12



HondaNAV14



HondaNAV16

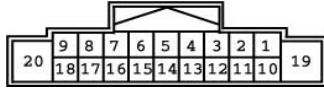


VEHICLE CONNECTOR CHART (V.C.C.)

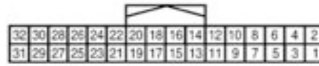
NewKiaHyundai



Nissan08



Nissan32BT

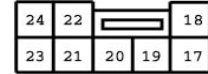


Nissan350z

With Bose



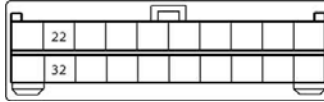
Without Bose



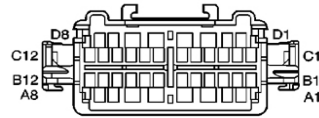
NissanNAV



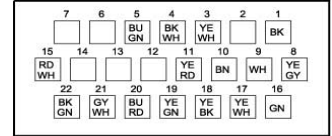
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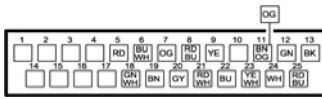
Pontiac40pin



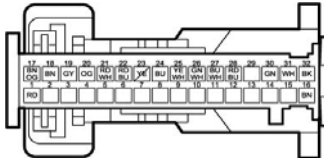
Saab22



Saab25

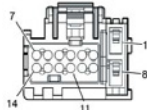


Saab32

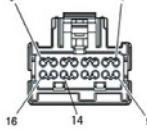


Solstice

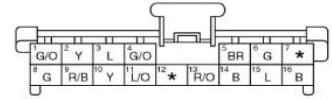
Connector 1



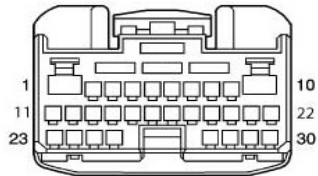
Connector 2



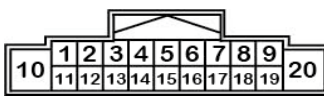
Sorento-without-amp



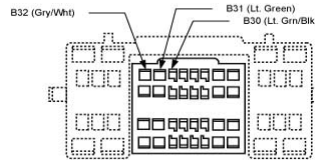
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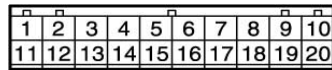
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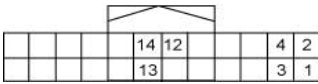
SUV



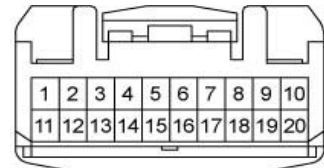
Suzuki



Titan



Toyota



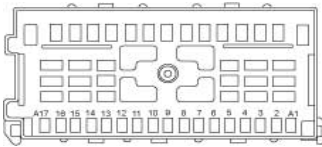
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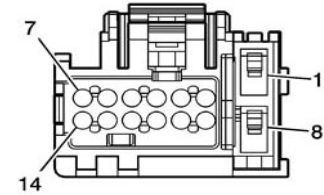
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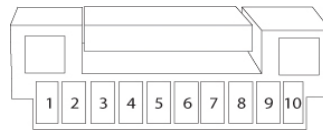
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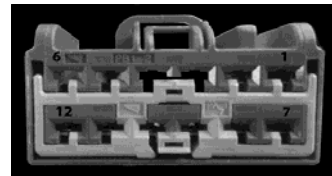
Vibe14Pin



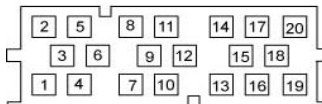
Volvo10Pin



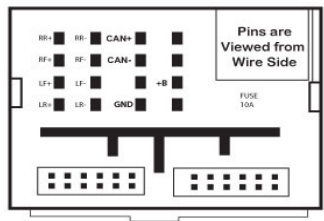
Volvo12Pin



VW



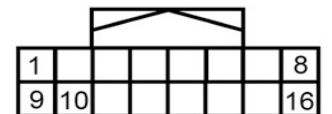
VW-Can



XJ826Pin



Xterra2



VEHICLE INSTALLATION INFORMATION GUIDE (V.I.I.G.) - NOTES

Note #	Notes
1	Connect the INTERFACE's White wire to Pin 19 (Violet) of the vehicle connector. Connect the INTERFACE's White/Red wire to Pin 18 (Orange) of the vehicle connector. Connect Pin 20 (Black) of the vehicle connector to chassis ground.
2	If your INTERFACE has a White/Black wire: Connect the INTERFACE's White wire to Pin 7 of the vehicle connector. Connect Pin 8 directly to the White/Black wire. Connect the wire in Pin 6 to chassis ground. If your INTERFACE does not have a White/Black wire: Connect the INTERFACE's White wire to Pin 7 of the vehicle connector. Connect one end of a 560 ohm resistor to Pin 8, then connect the other end of the resistor to the INTERFACE's White wire. Connect the wire in Pin 6 to chassis ground.
3	If the vehicle has rear controls and they need to be retained with the front controls, connect both Pins 13 and 14 to the INTERFACE's Green wire. Connect Pin 12 (Pink or Violet) to Accessory +12. Rear controls do not need to be programmed unless there is an additional button that is not also on the steering wheel. If the vehicle does not have rear controls or you do not wish to retain them, disregard this note.
4	You must find the wire at the steering wheel column. Cut wire in half. Connect the INTERFACE's Yellow wire to the steering wheel side of the cut wire. Insulate remaining cut wire. The Voice and "R/T" buttons are NOT programmable and you should wait 15 seconds after key is turned on to start the button mapping.
5	This connector is located in the AV Switch panel control module. This control module can be found by following the AV Switch panel harness into the dash. Connect the INTERFACE's White/Red wire to Pin 13 of the vehicle connector. Connect the INTERFACE's White wire to Pin 12 of the vehicle connector. Connect remaining ends of the resistors to the INTERFACE's White wire. Connect Pin 14 of the vehicle connector to chassis ground.
6	There are separate wires for each button. Put a different value resistor on each wire and tie remaining ends of resistors to INTERFACE's White wire. Use resistors less than 2k Ohms. Brown/White - Pin 29 - Mode Button Green/Black - Pin 22 - Volume Up Button Yellow/Red - Pin 24 - Volume Down Button Blue/Yellow - Pin 27 - Seek Up Button Red - Pin 26 - Seek Down Button
7	The control wire is located in the steering wheel column in a White or Gray plug. Remove the cover around the key cylinder (special torx driver may be needed). Cut the wire in half. Connect the INTERFACE's wire to the steering wheel side of the cut wire. Insulate remaining cut wire.
8	Connect the INTERFACE's White wire to Pin 3 (normally Green/Red) of the vehicles radio connector. If there is a wire (normally Brown) in Pin 11 it will need to connect to chassis ground. ***THE NOTE BELOW IS ONLY APPLICABLE FOR VEHICLES THAT ARE EQUIPPED WITH "Mode" BUTTON ON THE STEERING WHEEL THAT IS NOT ABLE TO BE PROGRAMMED BY THE SWI MODULE:*** Program the module for version 9. Cut the Purple loop then connect one end of a 560 ohm resistor to the second (inside) Purple wire, and connect the other end of resistor to the White wire. Insulate the first (outside edge) Purple wire as it will not be used. In Pre-2006 Vehicles without a mode button, if the resting (when no buttons are pressed) voltage on the White wire is 4.6 volts or less it may be necessary to program the interface for version 9 and cut the Purple loop. Connect a 47 ohm and 150 Ohm resistor (included in packaging) in series. Connect one end of the resistors to the second (inside) Purple wire, and connect the other end of resistors to the White wire. Insulate the first (outside edge) Purple wire as it will not be used.
10	Two INTERFACE's are needed to retain the SWC's. You will need a CAN SWC interface and a radio specific SWC interface. Use only the Programming instructions provided with this document. All connections will be made by referring to the CAN SWC Interface instructions.
11	This connector is found at the vehicles Body Control Module (BCM). The connector is Green in color and should be connector 1. If you are using a radio replacement interface that provides a SWC output wire, disregard all connection and version number directions provided with this document, only following the programming steps. Refer to the radio replacement interface instructions for version number and connection information. Note: When programming the SWI module with the OS-4 please be sure to NOT hold down the Source and Mute buttons longer than one second. This will cause the OS-4 to go into an alternate mode and cancel the programming session.
12	Connect the INTERFACE's White/Red wire to Pin 16 (Pink) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Blue) of the vehicle connector. Connect Pin 15 (Black) of the vehicle connector to chassis ground. This connector is the radio plug.
13	Two INTERFACE's are needed to retain the SWC's. You will need a CAN SWC interface and a radio specific SWC interface. Use only the Programming instructions provided with this document. All connections will be made by referring to the CAN SWC Interface instructions. Only volume controls are supported in this vehicle
19	BOSE: Connect the INTERFACE's White/Red wire to Pin 23 (Gray/Blue) of the vehicle connector. Connect the INTERFACE's White wire to Pin 22 (Red/Green) of the vehicle connector. Connect Pin 25 (Gray) of the vehicle connector to chassis ground. This connector is the radio plug. Non BOSE: Connect the INTERFACE's White/Red wire to Pin 22 (Orange) of the vehicle connector. Connect the INTERFACE's White wire to Pin 21 (Red/Green) of the vehicle connector. Connect Pin 23 (Yellow/Green) of the vehicle connector to chassis ground. This connector is the radio plug.
20	BOSE: Connect the INTERFACE's White/Red wire to Pin 23 (Gray/Blue) of the vehicle connector. Connect the INTERFACE's White wire to Pin 22 (Red/Green) of the vehicle connector. Connect Pin 25 (Gray) of the vehicle connector to chassis ground. This connector is the radio plug. Non BOSE: Connect the INTERFACE's White/Red wire to Pin 22 (Orange) of the vehicle connector. Connect the INTERFACE's White wire to Pin 21 (Red/Green) of the vehicle connector. Connect Pin 23 (Yellow/Green) of the vehicle connector to chassis ground. This connector is the radio plug. Nissan32BT: Connect Pin 12 (Light Blue) to Pin 17 (Red/Green), Connect Pin 13 (Green) to Pin 18 (Orange), Connect Pin 14 (Purple) to Pin 19 (Gray) (connector is viewed from Pin side not wire side). Factory Bluetooth module is located in the trunk area.
21	Connect Pin 4 (Brown or Brown/Black) to the INTERFACE's White wire. Connect Pin 13 (Blue/White or Blue/Yellow) directly to the White/Black wire. Connect Pin 14 (Yellow) wire to chassis ground.
22	Connect the INTERFACE's White wire to Pin 15 (Yellow) of the vehicle connector. Connect Pin 3 (Brown) of the vehicle connector to chassis ground.
23	Connect the INTERFACE's White wire to Pin 14 (Yellow) of the vehicle connector. Connect Pin 4 (Brown) of the vehicle connector to chassis ground.
24	Connect the INTERFACE's White wire to Pin 5 (Blue/Black) of the vehicle connector. Connect Pin 6 (Red) of the vehicle connector to chassis ground.
26	Connect the INTERFACE's White wire to Pin 5 (Gray or Green) of the vehicle connector. Connect Pin 6 (Black) of the vehicle connector to chassis ground.
28	Connect the INTERFACE's White wire to Pin 10 (Blue/Black) of the vehicle connector. Connect Pin 9 (Green/White) of the vehicle connector to chassis ground.
29	Connect the INTERFACE's White wire to Pin 10 (Gray/Black) of the vehicle connector. Connect Pin K (Lt. Green/Red) of Bluetooth connector to White wire. Connect Pin 9 (White/Red) of the radio connector to chassis ground. Factory Bluetooth module is located behind the right side of the glove box.
30	Connect the INTERFACE's White wire to Pin 10 (Gray/Black) of the vehicle connector. Connect Pin 9 (Green/White) of the radio connector to chassis ground.
31	Connect the INTERFACE's White wire to Pin 10 (Gray/Black) of the vehicle connector. Connect Pin 9 (White/Red) of the radio connector to chassis ground.
32	Connect the INTERFACE's White wire to Pin 10 (Red) of the Mazda24 connector. Connect Pin 3 (Pink) of the MazdaBlue28 connector directly to the White/Black wire. Connect pin 9 (Purple) of the Mazda24 connector to chassis ground.
33	Connect the INTERFACE's White wire to Pin 10 (Red) of the vehicle connector. Connect Pin 9 (Purple) of the radio connector to chassis ground.
34	Connect the INTERFACE's White wire to Pin 10 (Red/Black) of the vehicle connector. Connect Pin 9 (Green/White) of the radio connector to chassis ground.
35	Connect the INTERFACE's White wire to Pin 10 (White/Black) of the Mazda24 connector. Connect Pin 3 (Brown) of the MazdaBlue28 connector directly to the White/Black wire. Connect pin 9 (Brown/Yellow) of the Mazda24 connector to ground.
36	Connect the INTERFACE's White wires to Pin 10 (White/Black) of the Mazda24 connector. Connect Pin 3 (Gray/Orange) of the MazdaBlue28 connector directly to the White/Black wire. Connect pin 9 (Brown/Yellow) of the Mazda24 connector to ground.
37	Connect the INTERFACE's White wires to Pin 10 (White/Black) of the Mazda24 connector. Connect Pin 3 (Light Green/Red) of the MazdaBlue28 connector directly to the White/Black wire. Connect Pin 9 (White/Red) of the Mazda24 connector to ground.
38	Connect the INTERFACE's White wires to Pin 10 (White/Black) of the Mazda24 connector. Connect 3 (White/Red) of the MazdaBlue28 connector directly to the White/Black wire. Connect Pin 9 (Brown/Yellow) of the Mazda24 connector to ground.
39	Connect the INTERFACES white wires to Pin 10 (white/black) of the above connector. Connect pin9(brown/yellow) of the radio connector to ground.
40	Connect the INTERFACES white wires to Pin 11 (connector 1) of the above connector. Connect pin 12(connector 1) of the radio connector to ground.
42	Connect the INTERFACES white wires to Pin 11(connector 1) of the above connector. Connect pin 12(connector 1) of the radio connector to ground.
44	Connect the INTERFACES white wires to Pin 13 of the above connector.
46	Connect the INTERFACES white wires to Pin 16 (Blue) of the above connector. Connect pin 17 (Gray) of the radio connector to ground.
48	Connect the INTERFACE's White wire to both Pin 16 (Green/Red) of the Civic24 connector and Pin 1 (Green) of the HondaNAV12 connector. Connect Pin 5 (Brown) of the Civic24 connector to chassis ground.
50	Connect the INTERFACE's White wire to both Pin 16 (Pink) of the Civic24 connector and Pin 1 (Green) of connector HondaNAV12. Connect Pin 5 (Brown) of the Civic24 connector to chassis ground.
51	Connect the INTERFACE's White wire to both Pin 16 (Pink) of the Civic24 connector and Pin 1 (Green) of connector HondaNAV12. Connect Pin 5 (Brown) of the Civic24 connector to chassis ground.
53	Connect the INTERFACE's White wires to Pin 16 (Pink) of the Civic24 connector and Pin 1 (Green) of the HondaNAV12 connector. Connect pin 2 (Blue) of the HondaHFL28 connector directly to the White/Black wire. Connect Pin 5 (Brown) of the Civic24 connector to ground.
54	Connect the INTERFACE's White wires to Pin 16 (Pink) of the Civic24 connector and Pin 1 (Green) of the HondaNAV12 connector. Connect pin 2 (Blue) of the HondaHFL28 connector directly to the White/Black wire. Connect Pin 5 (Brown) of the Civic24 connector to ground.
55	Connect the INTERFACE's White wire to both Pin 16 (Pink) of the Civic24 connector and Pin 12 (Gray) of the HondaNAV16 connector. Connect Pin 5 (Brown) the Civic24 connector to chassis ground. Navigation connector is located under the driver seat.
57	Connect the INTERFACE's White wires to Pin 16 (Pink) of the Civic24 connector and Pin 12 (Gray) of the HondaNAV16 connector. Connect pin 2 (Purple) of the HondaHFL28 connector directly to the White/Black wire. Connect Pin 5 (Brown) of the Civic24 connector to ground.
58	Connect the INTERFACE's White wire to both Pin 16 (Pink) of the Civic24 connector and Pin 12 (Purple) of the HondaNAV16 connector. Connect Pin 5 (Brown) of the Civic24 connector to chassis ground. Navigation connector is located under the driver seat.
60	Connect the INTERFACE's White wires to Pin 16 (Pink) of the Civic24 connector and Pin 12 (Purple) of the HondaNAV16 connector. Connect Pin 2 (White) of the HondaHFL28 connector directly to the White/Black wire. Connect Pin 5 (Brown) of the Civic24 connector to ground.
63	Connect the INTERFACES white wires to Pin 16 (red/orange) of the above connector. Connect pin 17 (yellow/orange) of the radio connector to ground.
64	Connect the INTERFACES white wires to Pin 16 (red/orange) of the above connector. Connect pin 17 (yellow/orange) of the radio connector to ground. Cut purple wire, insert a 5100 ohm resistor in between the purple wire.
65	Connect the INTERFACES white wires to Pin 18 (brown) of the above connector. Connect pin 19(green) of the radio connector to ground.
67	Connect the INTERFACES white wires to Pin 2 (blue/orange) of the above connector. Connect pin 3(black) of the radio connector to ground.
69	Connect the Interface's White wire to both Pin 3 (Green/Red) of the Honda20 connector and a 1000 ohm resistor. Connect the other end of the 1000 ohm resistor to Pin 10 (Orange) of the HondaNAV14 connector. Connect Pin 11 (Brown) of the Honda20 connector to chassis ground. The navigation connector is located under the driver seat.
71	Connect the INTERFACE's White wire to both Pin 3 (Green/Red) of the Honda20 connector and Pin 10 (Gray) of the HondaNAV14 connector. Connect Pin 11 (Brown) of the Honda20 connector to chassis ground. The navigation connector is located under the driver seat.
73	Connect the INTERFACES white wires to Pin 3 (green red) of the above connector.
74	Connect the INTERFACE's White wire to both Pin 3 (Green/Red) of the Honda20 connector and Pin 10 (Gray) of the HondaNAV14 connector. Connect Pin 11 (Lt. Green) of the Honda20 connector to chassis ground. The layout of the HondaNAV14 connector is viewed from the wire side not the Pin side. Regardless of what it states in the above note.
76	Connect the INTERFACES white wires to Pin 3 (green red) of the above connector. Connect pin11 (brown) to ground.
79	Connect the INTERFACES white wires to Pin 3 (green/red) of the above connector.
81	Connect the INTERFACE's White wires to Pin 3 (White) of the Honda20 connector and Pin 10 (Grey) of the HondaNAV14 connector. Connect Pin 2 (Blue) of the HondaHFL28 connector directly to the White/Black wire. Connect Pin 11 (Brown) of the Honda20 connector to ground.
82	Connect the INTERFACE's White wire to both Pin 3 (White) of the Honda20 connector and Pin 10 (Gray) of the HondaNAV14 connector. Connect Pin 11 (Brown) of the Honda20 connector to chassis ground. Navigation connector is located under the driver seat.
84	Connect the INTERFACES white wires to Pin 4 (Blue or Brown) of the above connector. Connect pin 17 (Green) of the radio connector to ground. Cut the purple loop, insert a 5100 ohm resistor in between the purple wires.
86	Connect the INTERFACES white wires to Pin 16 (Blue) of the above connector. Connect pin 17 (Gray) of the radio connector to ground.

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88	Connect the INTERFACES white wires to Pin 16 (Blue) of the above connector. Connect pin 17(blue/black) of the radio connector to ground.
90	Connect the INTERFACES white wires to Pin 16 (blue/black) of the above connector. Connect pin 17 (red) of the radio connector to ground.
92	Connect the INTERFACES white wires to Pin 16 (brown) of the above connector. Connect pin 17 (black/orange) of the radio connector to ground.
94	Connect the INTERFACES white wires to Pin 16 (Brown) of the above connector. Connect pin 17 (Green) of the radio connector to ground.
96	Connect the INTERFACES white wires to Pin 16 (Green) of the above connector. Connect pin 17 (Black) of the radio connector to ground.
98	Connect the INTERFACES white wires to Pin 16 (White) of the above connector. Connect pin 17 (White/Black) of the radio connector to ground.
99	Connect the INTERFACES white wires to Pin 16 (White) of the above connector. Connect pin 17 (White/Black) of the radio connector to ground. Cut purple wire, insert a 5100 ohm resistor in between the purple wire.
100	Connect the INTERFACES white wires to Pin 6 (blue/black) of the above connector. Connect pin 18 (red) of the radio connector to ground.
102	Connect the INTERFACES white wires to Pin 6 (brown) of the above connector. Connect pin 18 (green) of the radio connector to ground.
104	Connect the INTERFACES white wires to Pin 6 (green) of the above connector. Connect pin 18 (black) of the radio connector to ground.
106	Connect the INTERFACES white wires to Pin 6 (red/orange) of the above connector. Connect pin 7 (black) of the radio connector to ground.
108	Connect the INTERFACES white wires to Pin 6 of the above connector. Connect pin 12 of the radio connector to ground.
110	Connect the INTERFACE's White wires to Pin 6 (Blue) of the above connector. Connect pin 18 (Blue/Black) of the radio connector to ground.
112	Connect the INTERFACE's White wires to Pin 6 (White or Green) of the above connector. Connect pin 18 of the radio connector to ground.
114	Connect the INTERFACES white wires to Pin 6(brown) of the above connector. Connect pin 5(green) of the radio connector to ground.
116	Connect the INTERFACE's White wire to Pin 7 (Pink) of the Civic20 connector and Pin 12 (Gray) of the HondaNAV16 connector. Connect Pin 6 (Brown) of the Civic20 connector to chassis ground. The navigation connector is located under the driver seat.
118	Connect the INTERFACE's White wires to Pin 7 (Pink) of the Civic20 connector and Pin 12 (Gray) of the HondaNAV16 connector. Connect Pin 2 (Blue) of the HondaHFL28 connector directly to the White/Black wire. Connect Pin 6 (Brown) of the Civic20 connector to ground.
119	Connect the INTERFACE's White wire to both Pin 7 (Pink) of the Civic22 connector and Pin 4 (Green) of the HondaNAV5 connector. Connect Pin 6 (Brown) of the Civic22 connector to chassis ground. The navigation connector is located behind the radio.
121	Connect the INTERFACE's White wire to both Pin 7 (Pink) of the Civic22 connector and Pin 4 (Green) of the 5 Pin Green connector behind the radio. Connect Pin 6 (Brown) of the Civic22 connector to chassis ground.
123	Model with factory radio: Connect the INTERFACES white wires to Pin 7 (pink) of the connector Civic20. Connect pin 6 (brown) to ground. Model with factory NAV:Connect the INTERFACES white wires to Pin 7 (pink) of the connector Civic22. Connect pin 22 (brown) to ground.
130	Model with factory radio: Connect the INTERFACES white wires to Pin 7 (pink) of the connector Civic20. Connect pin 6 (brown) to ground.Model with factory NAV:Connect the INTERFACES white wires to Pin 7 (pink) of the connector Civic22. Connect pin 22 (brown) to ground.
135	Connect the INTERFACE's white wires to Pin16 (Pink) of the above connector. Connect pin 5 (Brown, Yellow or Orange) to chassis ground.
140	Connect the INTERFACES white wires to Pin 7 (pink) of the connector Civic20. Connect pin 6 (brown) of the above connector to ground.
141	Connect the INTERFACES white wires to Pin3 (green/red) of the above connector.
142	Connect the INTERFACES white wires to Pin3 (green/red) of the above connector. Connect Connector Honda20 pin 11(brown) to ground.
143	Connect the INTERFACE's white wire to Pin 3 (Green/Red) of the Honda20 connector. Connect Pin 11 (Brown) of the Honda20 connector to ground. Cut the purple loop then connect the INTERFACE's White/Black to the second (inside) purple wire, and connect the other end of resistor to the white wire. Insulate the first (outside edge) purple wire as it will not be used.
144	Model with factory Radio: Connect the INTERFACES white wires to Pin3 (green/red) of the connector Honda20. Connect Connector Honda20 pin 14(brown) to ground. Model with factory NAV: Connect the INTERFACES white wires to Pin16 (green/red) of the connector Civic24. Connect pin 5(brown) to ground.
148	Connect the INTERFACES white wires to Pin3 (green/red) of the above connector. If there is a brown wire in Pin 11 it will need to go to chassis ground.
149	Connect the INTERFACES white wires to Pin3 (white) of the above connector. Connect pin 11 (brown) to ground.
151	Connect the INTERFACES white wires to Pin7 (pink) of the above connector. Connect pin 6 (brown) to ground.
153	Connect the SWI-PS 's White wire to Pin 11 (Violet/White) of the above connector. Connect pin 12 (Orange/White) to chassis ground
154	Connect the INTERFACE's White wire to Pin 3 (Violet/White) of the above connector. Connect pin 7 (Orange/White) to chassis ground
155	Connect the SWI-PS 's White wire to pin 3 Green/red of the above connector. Also connect pin 15 yellow to chassis ground.
156	Connect the INTERFACE's White wire to Pin 4 (Violet/White) of the above connector. Connect pin 14 (Orange/White) to chassis ground.
157	Connect the INTERFACE's White wire to Pin 4 (Violet/White) of the above connector. Connect Pin 11 (Blue/White) of the above connector to the White/Black wire. Connect Pin 14 (Orange/White) of the above connector to ground.
158	Connect the INTERFACE's White wire to pin 4 (Violet/White) of the above connector. Also connect pin 14 Orange/White to chassis ground.
159	Connect the SWI-PS 's White wire to pin 4 (Green/Red) of the above connector. Also connect pin 14 (Yellow) to chassis ground.
160	Ford20: Connect pin 15 (white red) in the vehicle connector to INTERFACE'S White wire. Connect pin 14(white black) in the vehicle connector to Ground. This connector is the radio plug.
161	If a 12 pin connector is available, connect pin 6 to the INTERFACE white wire and pin 12 to ground. If a 24 pin connector is available, connect pin 6 to the INTERFACE white wire and pin 18 to ground.
163	Maxima16A: Connect the INTERFACE's White/Red wire to pin 27 (Blue/Yellow) of the vehicle connector. Connect the INTERFACE's White wire to pin 26 (green/black or red) of the vehicle connector. Connect Pin 29 (brown/white) of the vehicle connector to Ground. This connector is the radio plug.
164	Maxima16A: Connect pin 27 (yellow red) in the vehicle connector to INTERFACE'S White wire. Connect pin 28 (yellow black) in the vehicle connector to Ground. This connector is the radio plug.
165	Maxima16B: Connect the INTERFACE's White/Red wire to pin 13 (Green) of the vehicle connector.Connect the INTERFACE's White wire to Pin 12 (Red/White) of the vehicle connector. Connect Pin 14 (Black/Red) of the vehicle connector to Ground. This connector is located behind the A/V switch panel where the SEEK and TUNE buttons are located.**The Green and Red/White wires must be cut away from the factory connector to work properly. Once the wires are cut away from the factory connector you will want to connect to the vehicle side of the wire, not plug side**
166	Maxima16B: Connect the INTERFACE's White/Red wire to pin 13 (Green / Red) of the vehicle connector. Connect the INTERFACE's White wire to pin 12 (White/red) of the vehicle connector. Connect Pin 14 (Red / Black) of the vehicle connector to Ground. This connector is located behind the A/V switch panel where the SEEK and TUNE buttons are located.The Green/Red and White/Red wires must be cut away from the factory connector to work properly. Once the wires are cut away from the factory connector you will want to connect to the vehicle side of the wire, not plug side
167	Maxima16B: Connect the INTERFACE's White/Red wire to pin 13 (green/red) of the vehicle connector. Connect the INTERFACE's White wire to pin 12 (white/red) of the vehicle connector. Connect Pin 14 (red/blue) of the vehicle connector to Ground. This connector is the radio plug. Nissan32: Connect Pin 12 to pin 17, Connect Pin 13 to pin 18, Connect Pin 14 to pin 19 (connector is viewed from pin side not wired side). Factory Bluetooth module is located under the driver seat.
168	Maxima16B: Connect the INTERFACE's White/Red wire to pin 10 (2008-2010: Red / 2011: Red/Green) of the vehicle connector. Connect the INTERFACE's White wire to pin 9 (2008-2010: Green / 2011: Green/White) of the vehicle connector. Connect Pin 12 (2008-2010: Blue / 2011: Yellow/Red) of the vehicle connector to Ground. This connector is located behind the radio.Nissan32BT: Connect Pin 12 (Red) to pin 17 (Red/Green), Connect Pin 13 (Green) to pin 18 (Green/White), Connect Pin 14 (Blue) to pin 19 (Yellow/Red). Bluetooth Module is located under the passenger seat. Leave Nissan32BT connector disconnected after making the above connections.
170	Maxima16B: Connect the INTERFACE's White/Red wire to Pin 9 (2009-2011:blue green;2007-2008:grey) of the vehicle connector. Connect the INTERFACE's White wire to Pin 10(2009-2011:purple;2007-2008:red) of the vehicle connector. Connect Pin 12(2009-2011:orange; 2007-2008: blue) of the vehicle connector to Ground. This connector is the radio plug.
171	Maxima16B: Connect the INTERFACE's White/Red wire to pin 9 (2009-2011:blue green;2007-2008:green red) of the vehicle connector. Connect the INTERFACE's White wire to pin 10 (2009-2011:purple;2007-2008:red) of the vehicle connector. Connect Pin 12(2009-2011:orange; 2007-2008: blue) of the vehicle connector to Ground. This connector is the radio plug. Nissan32BT: Connect Pin 12 to pin 17, Connect Pin 13 to pin 18, Connect Pin 14 to pin 19 (connector is viewed from pin side not wired side). Factory Bluetooth module is located under the front passenger seat.
172	Connect the INTERFACE's White/Red wire to Pin 1 (Gray). Connect the INTERFACE's White wire to pin 10 (Red)of the vehicle connector. Connect Pin 9 (Blue) of the vehicle connector to chassis ground.
173	Maxima16C: Connect the INTERFACE's White/Red wire to pin 13 (2007-2009:green white; 2004-2006: green) of the vehicle connector. Connect the INTERFACE's White wire to pin 12 (2007-2009:red/green; 2004-2006: red) of the vehicle connector. Connect Pin 14(2007-2009:yellow red; 2004-2006: black yellow) of the vehicle connector to Ground. This connector is the radio plug.
174	Maxima16C: Connect the INTERFACE's White/Red wire to pin 13 (green white) of the vehicle connector. Connect the INTERFACE's White wire to Pin 12 (Red/Green) of the vehicle connector. Connect Pin 14 (Yellow/Red) of the vehicle connector to Ground. This connector is the radio plug. Nissan32BT: Connect Pin 12 to pin 17, Connect Pin 13 to pin 18, Connect Pin 14 to pin 19 (connector is viewed from pin side not wired side). Factory Bluetooth module is located under the front passenger seat.
175	Connect the INTERFACE's White/Red wire to Pin 1 (Green) of the vehicle connector. Connect the INTERFACE's White wire to Pin 10 (Red/White) of the vehicle connector. Connect Pin 9 (Blue) of the vehicle connector to Ground. This connector is the radio plug.
177	Nissan08: Connect the INTERFACE's White/Red wire to pin 13 (green) of the vehicle connector. Connect the INTERFACE's White wire to Pin 4 (Red/White) of the vehicle connector. Connect Pin 11 (Blue) of the vehicle connector to Ground. This connector is the radio plug.
178	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Blue) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Pink) of the vehicle connector. Connect Pin 15 (Black) of the vehicle connector to Ground. This connector is the radio plug.
179	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Grey) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (White) of the vehicle connector. Connect Pin 15 (Black) of the vehicle connector to Ground. This connector is the radio plug. Nissan32BT: Connect Pin 12 (Pink) to pin 17 (White), Connect Pin 13 (Blue) to pin 18 (Gray), Connect Pin 14 (Black) to pin 19 (Black) (connector is viewed from pin side not wired side). Factory Bluetooth module is located in the trunk area.If the vehicle was built in Mexico then pin 6 will be Pink and pin 16 will be Blue.
180	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (2009-2012:gray/blue;2007-2008: green/red) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (2009-2012:white/green; 2007-2008:white/red) of the vehicle connector. Connect Pin 15 (2009-2012:blue/black;2007-2008:red/black) of the vehicle connector to Ground. This connector is the radio plug.
181	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (blue) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (pink) of the vehicle connector. Connect Pin 15 (Light Green) of the vehicle connector to Ground. This connector is the radio plug.
182	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (blue) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (pink) of the vehicle connector. Connect Pin 15 (Light green) of the vehicle connector to Ground. This connector is the radio plug. Nissan32BT: Connect Pin 14 to pin 19, Connect Pin 13 to pin 18, Connect Pin 12 to pin 17 (connector is viewed from pin side not wired side). Sentra: Factory Bluetooth module is located under the driver seat. Versa: Factory Bluetooth module is located in the trunk area.
183	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (brown; 2008: green) of the vehicle connector . Connect the INTERFACE's White wire to Pin 6 (yellow) of the vehicle connector. Connect Pin 15 (unknown) of the vehicle connector to Ground. This connector is the radio plug.
184	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Gray/Blue) of the vehicle connector . Connect the INTERFACE's White wire to Pin 6 (White/Green) of the vehicle connector. Connect Pin 15 (Blue/Black) of the vehicle connector to Ground. This connector is the radio plug. Nissan32: Connect Pin 12 (Blue) to pin 17 (Green), Connect Pin 13 (Pink) to pin 18 (White), Connect Pin 14 (Red) to pin 19 (Lt. Green) (connector is viewed from pin side not wired side). Factory Bluetooth module is located in the trunk area behind the panel under the rear deck.
185	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (gray/blue) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (White/Green) of the vehicle connector. Connect Pin 15 (blue/black) of the vehicle connector to Ground. This connector is the radio plug. Nissan32BT: Connect Pin 12 to pin 17, Connect Pin 13 to pin 18, Connect Pin 14 to pin 19 (connector is viewed from pin side not wired side). Factory Bluetooth module is located in the trunk area.
186	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (gray/blue) of the vehicle connector . Connect the INTERFACE's White wire to Pin 6 (white/green) of the vehicle connector. Connect Pin 15 (blue/black) of the vehicle connector to Ground. This connector is the radio plug.

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187	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Gray/Red) of the vehicle connector . Connect the INTERFACE's White wire to Pin 6 (white/green or white/blue) of the vehicle connector. Connect Pin 15 (blue/black) of the vehicle connector to Ground. This connector is the radio plug.
188	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Gray/Red) of the vehicle connector . Connect the INTERFACE's White wire to Pin 6 (white/green or white/blue) of the vehicle connector. Connect Pin 15 (blue/black) of the vehicle connector to Ground. This connector is the radio plug. Nissan32BT: Connect Pin 12 to pin 17, Connect Pin 13 to pin 18, Connect Pin 14 to pin 19 (connector is viewed from pin side not wired side). Factory Bluetooth module is located under the front passenger seat.
189	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Green) of the vehicle connector . Connect the INTERFACE's White wire to Pin 6 (brown) of the vehicle connector. Connect Pin 15 (blue) of the vehicle connector to Ground. This connector is the radio plug.
190	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (green) of the vehicle connector . Connect the INTERFACE's White wire to Pin 6 (yellow) of the vehicle connector. Connect Pin 15 (green;2008: brown) of the vehicle connector to Ground. This connector is the radio plug.
191	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Green/Red) of the vehicle connector . Connect the INTERFACE's White wire to Pin 6 (White/Red) of the vehicle connector. Connect Pin 15 (Red/Black) of the vehicle connector to Ground. This connector is the radio plug. Nissan32: Connect Pin 12 to pin 17, Connect Pin 13 to pin 18, Connect Pin 14 to pin 19 (connector is viewed from pin side not wired side). Factory Bluetooth module is located under the driver seat.
192	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (orange) of the vehicle connector . Connect the INTERFACE's White wire to Pin 6 (white or brown) of the vehicle connector. Connect Pin 15 (gray) of the vehicle connector to Ground. This connector is the radio plug.
193	Nissan08: Connect the INTERFACE's White/Red wire to Pin 16 (orange) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (white or brown) of the vehicle connector. Connect Pin 15 (Gray) of the vehicle connector to Ground. This connector is the radio plug. Nissan32BT: Connect Pin 12 to pin 17, Connect Pin 13 to pin 18, Connect Pin 14 to pin 19 (connector is viewed from pin side not wired side). Factory Bluetooth module is located in the trunk area behind the right trim panel.
194	Nissan08: Connect the INTERFACE's White/Red wire to pin 27 (Gray/Blue) of the vehicle connector . Connect the INTERFACE's White wire to Pin 25 (white/green) of the vehicle connector. Connect Pin 26 (Blue/Black) of the vehicle connector to Ground. This connector is the radio plug.
195	Xterra3: Connect the INTERFACE's White/Red wire to pin 13 (2009-2011: Light Green; 07-08: Green/Red) of the vehicle connector. Connect the INTERFACE's White wire to Pin 5 (2009-2011: Purple; 2007-2008: Red) of the vehicle connector. Connect Pin 6 (2009-2011: Orange; 2007-2008: Blue) of the vehicle connector to Ground. This connector is the radio plug. Nissan32BT: Connect Pin 12 to pin 17, Connect Pin 13 to pin 18, Connect Pin 14 to pin 19 (connector is viewed from pin side not wired side). Factory Bluetooth module is located under the front passenger seat.
196	Xterra3: Connect the INTERFACE's White/Red wire to pin 13 (2009-2011: Light Green; 07-08: Green/Red) of the vehicle connector. Connect the INTERFACE's White wire to Pin 5 (2009-2011: Purple; 2007-2008: Red) of the vehicle connector. Connect Pin 6 (2009-2011: Orange; 2007-2008: Blue) of the vehicle connector to Ground. This connector is the radio plug.
197	Connector is located below the radio attached to a bracket. Connect the INTERFACE's White/Red wire to pin 13 (Green) of the vehicle connector. Connect the INTERFACE's White wire to Pin 12 (Red) of the vehicle connector. Connect Pin 14 (Black/White) of the vehicle connector to Ground.
198	Titan: Connect the INTERFACE's White/Red wire to pin 13 (Green) of the vehicle connector. Connect the INTERFACE's White wire to Pin 12 (red) of the vehicle connector. Connect Pin 14 (blue or black) of the vehicle connector to Ground. This connector is the radio plug.
200	Connect the INTERFACE's White/Red wire to pin 13 (Green) of the vehicle connector. Connect the INTERFACE's White wire to Pin 12 (Red) of the vehicle connector. Connect Pin 14 (Blue) of the vehicle connector to Ground. This connector is the connector that used to connect to the front plate of the factory radio.
201	Using the mute button to control aftermarket radios with a mute input: Using a 12v SPDT relay, connect pin 85 to Hondas pin #14. Connect pins 86 and 87 to ground. Connect pin 30 to the phone mute input wire of the new head unit. Connect the INTERFACES white wires to Pin3 (green/red) of the above connector.
203	Connect the INTERFACE's white wires to Pin 10 (red/black) of the above connector. Connect pin9(green/white) of the radio connector to ground.
205	Model with factory radio: Connect the INTERFACES white wires to Pin 7 (pink) of the connector Civic20. Connect pin 6 (brown) to ground. Model with factory NAV: Connect the INTERFACES white wires to Pin 16 (pink) of the connector Civic24. Connect pin 5(brown) to ground.
206	Connect the INTERFACE's White wire to the Pin 16 (Orange) of the above connector. Connect the Pin 17 (Blue) of the same connector to Chassis Ground. The above connector is located behind the radio.
208	The wires are found on a 20 pin rectangular connector behind the radio. 1:Connect pin 20 (pink/black) to chassis ground. 2: Connect Pin 19(Pink) to theInterface
209	The wires are found on a 20 pin rectangular connector behind the radio. 1. Connect Pin 20 (Pink/black) to chassis ground. 2. Connect Pin 19 (Pink) to the INTERFACE's white wire.
210	Connect the INTERFACES white wire to both Pin16 (pink) of the Civic24 Connector and Pin 2 (green) of the HondaHFL28 located behind the glove box. Connect pin 5 (white) of Civic24 to chasis ground. The navigation connector is located behind the factory radio. The hands free module is located behind the glove box on the right hand side.
211	Connect the INTERFACE's White wires to Pin 16 (Pink) of the Civic24 connector and Pin 1 (Orange) of the HondaNAV12 connector. Connect Pin 2 (Green) of the HondaHFL28 connector directly to the White/Black wire. Connect Pin 5 (White) of the Civic24 connector to ground.
212	Connect the INTERFACE's White wire to pin 18 (Gray/Yellow) of the vehicle connector. Connect pin 19 (Blue/White) wire to chassis ground.
213	Connect the INTERFACE's White wire to pin 18 (Gray/Yellow) of the vehicle connector. Connect pin 19 (Brown/Green) wire to chassis ground.
214	This vehicles steering wheel controls are part of the CAN Bus network. The ONLY solution at this time to utilize one of our steering wheel control modules is to also use the MS-FRD1 with revision 1.1.1.4 or higher or the RP4-FD11.
215	Connect the INTERFACES white wires to Pin 3 (normally Green/Red) of the above connector. If there is a wire (normally Brown) in Pin 11 it will need to go to chassis ground.
217	Connect the INTERFACE's White wires to Pin 4 (Green/Red) of the above connector. Connect Pin 13 (Red) directly to the White/Black wire. Connect Pin 14 (Yellow) to ground.
218	Connect the INTERFACE's White wire to both Pin 16 (Pink) of the Civic24 connector. Connect Pin 5 (Brown or White) of the Civic24 connector to chassis ground.
219	This wire is located at the BCM which is under the center console. The BCM can be accessed by removing the trim panel on the passenger side towards the front of the center console (see Fig. 1). This wire is located in Connector 3 which is Lt. Green in color.
220	Connect the INTERFACE's White wires to Pin 21 of the above connector. Connect Pin 22 directly to the White/Black wire. Connect Pin 23 to ground.
221	Connect the INTERFACE's White wire to the Pin 16 (Red/Orange) of the above connector. Connect the Pin 17 (Yellow/Orange) of the same connector to Chassis Ground. The above connector is located behind the radio.
223	Connect the INTERFACES's White wire to Pin 6 (White/Black) of the above connector. Connect Pin 8 (Brown/Yellow) of the above connector to chassis ground.
224	Without Navigation: Connect the INTERFACE's White/Red wire to pin 16 (Light Green) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (White) of the vehicle connector. Connect Pin 15 (Pink) of the vehicle connector to Ground. This connector is the radio plug. With Navigation: Connect the INTERFACE's White/Red wire to pin 16 (Red) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Gray) of the vehicle connector. Connect Pin 15 (Purple) of the vehicle connector to Ground. This connector is the radio plug.
225	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Light Green) of the vehicle connector . Connect the INTERFACE's White wire to Pin 6 (White) of the vehicle connector. Connect Pin 15 (Pink) of the vehicle connector to Ground. This connector is the radio plug. Nissan32BT: Connect Pin 14 (Purple) to pin 19 (Pink), Connect Pin 13 (Red) to pin 18 (Light Green), Connect Pin 12 (Green) to pin 17 (White) (connector is viewed from pin side not wired side). Factory Bluetooth module is located to the right of the glove box.
226	Connect the INTERFACES white wires to Pin 16 (Green/Red) of the connector Civic24. Connect pin 5 (Brown) of the above connector to ground.
227	This vehicles steering wheel controls are part of the CAN Bus network. The ONLY solution at this time to utilize one of our steering wheel control modules is to also use the C2R-VW2 with one of our SWI- modules.
228	Connect the INTERFACE's white wires to Pin19 (Orange or Pink) of the above connector. Connect pin 3 (Brown) to ground.
229	Connect the INTERFACE's White wires to Pin 3 (Orange) of the above connector. If there is a wire (normally Brown) in Pin 11 it will need to go to chassis ground. Cut the purple loop in half then connect the INTERFACE's White/Black wire to the second (inside) purple wire. Insulate the first (outside edge) purple wire as it will not be used.
230	Connect Pin 4 (Green/Red) to chassis ground. Connect Pin 14 (Yellow) to the INTERFACE's White wire.
231	Connect the INTERFACE's White wire to Pin 4 (Blue) of the above connector. Connect pin 17 (Gray) wire to Ground.
232	Connect the INTERFACE's Green wire to Pin 8 (Green) of connector 3 at the BCM. Connector 3 is Green in color. The BCM is located under the driver side dash.
233	Connect the INTERFACE's White/Red wire to pin 3 (Pink) of the vehicle connector. Connect the INTERFACE's White wire to Pin 4 (Beige) of the vehicle connector. Connect Pin 10 (Lt. Blue) of the above connector to chassis ground.
234	Connect the INTERFACE's White/Red wire to pin 16 (Blue) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Green) of the vehicle connector to the INTERFACE'S White wire as well. Connect Pin 15 (Black) of the vehicle connector to Ground. This connector is the radio plug.
235	Titan: Connect the INTERFACE's White/Red wire to pin 13 (Green/Orange or Brown) of the vehicle connector. Connect the INTERFACE's White wire to Pin 12 (Purple or Yellow) of the vehicle connector. Connect Pin 14 (Red/Black or Red/Blue) of the vehicle connector to Ground. This connector is the 24 pin connector that used to plug into the face (front integrated panel) of the factory radio. Nissan32BT: Connect Pin 12 (Red/Green) to pin 17 (Purple), Connect Pin 13 (Green/White) to pin 18 (Green/Orange), Connect Pin 14 (Yellow/Red) to pin 19 (Red/Black). Bluetooth Module is located under the passenger seat. Leave Nissan32BT connector disconnected after making the above connections..(connector is viewed from pin side not wired side).
236	Two Interfaces are needed to retain the SWC's. You will need a SWI-CAN2 interface and a radio specific SWC interface. This connector is green in color and is found at the LCD display. Connect the SWI-CAN2's White/Red wire to pin 5 (White) of the above connector. Connect the SWI-CAN2's White/Black wire to pin 7 (Green) of the above connector. Connector is viewed from wire side not pin side.
237	Connect the INTERFACES white wires to Pin 10 (Red/Black) of the above connector. Connect pin9 (Green/Black) of the radio connector to ground.
238	Connect the INTERFACE's White wire to Pin 10 (Red/Black) of the Mazda24 connector. Connect the INTERFACE's White/Black wire directly to Pin 3 (Grey) of the MazdaBlue28 connector. Connect Pin 9 (Green/Black) of the Mazda24 connector to ground.
240	Maxima16B: Connect the INTERFACE's White/Red wire to pin 10 (Red/Green) of the vehicle connector. Connect the INTERFACE's White wire to Pin 9 (Green/White) of the vehicle connector. Connect Pin 12 (Yellow/Red) of the vehicle connector to Ground. This connector is located behind the radio.
241	Maxima16B: Connect the INTERFACE's White/Red wire to pin 10 (Purple) of the vehicle connector. Connect the INTERFACE's White wire to Pin 9 (Green/Orange) of the vehicle connector. Connect Pin 12 (Red/Black) of the vehicle connector to Ground. This connector is located behind the radio. Nissan32BT: Connect Pin 12 (Red/Green) to pin 17 (Purple), Connect Pin 13 (Green/White) to pin 18 (Green/Orange), Connect Pin 14 (Yellow/Red) to pin 19 (Red/Black). Bluetooth Module is located under the passenger seat. Leave Nissan32BT connector disconnected after making the above connections.
242	Maxima16B: Connect the INTERFACE's White/Red wire to pin 10 (Red) of the vehicle connector. Connect the INTERFACE's White wire to Pin 9 (Green) of the vehicle connector. Connect Pin 12 (Blue) of the vehicle connector to Ground. This connector is located behind the radio.
243	Maxima16B: Connect the INTERFACE's White/Red wire to pin 13 (Green) of the vehicle connector. Connect the INTERFACE's White wire to Pin 12 (Red) of the vehicle connector. Connect Pin 14 (Blue) of the vehicle connector to Ground. This connector is located behind the radio. This connector is the 24 pin connector that used to plug into the face (front integrated panel) of the factory radio.
244	Titan: Connect the INTERFACE's White/Red wire to pin 13 (Green) of the vehicle connector. Connect the INTERFACE's White wire to Pin 12 (Red) of the vehicle connector. Connect Pin 14 (Blue) of the vehicle connector to Ground. This connector is the 24 pin connector that used to plug into the face (front integrated panel) of the factory radio. Nissan32BT: Connect Pin 12 (Red/Green) to pin 17 (Purple), Connect Pin 13 (Green/White) to pin 18 (Green/Orange), Connect Pin 14 (Yellow/Red) to pin 19 (Red/Black). Bluetooth Module is located under the passenger seat. Leave Nissan32BT connector disconnected after making the above connections..(connector is viewed from pin side not wired side).

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245	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Purple) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Brown) of the vehicle connector. Connect Pin 15 (Grey) of the vehicle connector to Ground. This connector is the radio plug. Nissan32BT: Connect Pin 14 (Green) to pin 19 (Grey), Connect Pin 13 (Pink) to pin 18 (Purple), Connect Pin 12 (White) to pin 17 (Brown) (connector is viewed from pin side not wired side). Factory Bluetooth module is located in the passenger side of trunk area.
246	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Red) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Light Green) of the vehicle connector. Connect Pin 15 (Blue) of the vehicle connector to Ground. This connector is the radio plug.
247	Maxima16B: Connect the INTERFACE's White/Red wire to pin 10 (Red/Green or Purple) of the vehicle connector. Connect the INTERFACE's White wire to Pin 9 (Green/White or Green/Orange) of the vehicle connector. Connect Pin 12 (Yellow/Red or Red/Black) of the vehicle connector to Ground. This connector is located behind the radio. Nissan32BT: Connect Pin 12 (Red) to pin 17 (Red/Green), Connect Pin 13 (Green) to pin 18 (Green/White), Connect Pin 14 (Blue) to pin 19 (Yellow/Red). Bluetooth Module is located under the passenger seat. Leave Nissan32BT connector disconnected after making the above connections.
248	Connect the INTERFACE's Green wire to pin 8 (Green) of the above connector. This connector is found at the BCM (Body Control Module). The BCM is located under the steering column.
249	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Pink) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Blue) of the vehicle connector. Connect Pin 15 (Green or Gray) of the vehicle connector to Ground. This connector is the radio plug.
250	Connect the INTERFACES white wires to Pin 16 (pink) of the connector Civic24. Connect pin 5 (white) of the above connector to ground.
251	Connect the INTERFACE's White wire to Pin 10 (Brown) of the Mazda24 connector. Connect Pin 13 (Green/Orange) of the Mazda24 connector directly to the INTERFACE's White/Black wire. Connect Pin 9 (Pink/Blue) of the Mazda24 connector to ground.
255	Connect the INTERFACES white wires to Pin 4 (Yellow/Orange) of the above connector. Connect pin 17 (Orange) of the radio connector to ground. Cut purple wire, insert a 5100 ohm resistor in between the purple wire.
256	Connect the INTERFACE's white wires to Pin 4 (Brown) of the above connector. Connect pin 17 (Green) of the radio connector to ground.
257	Connect the INTERFACE's White wire to the Pin 4 (Orange) of the above connector. Connect the Pin 17 (Blue) of the same connector to Chassis Ground. The above connector is located behind the radio.
258	Connect the INTERFACE's White wire to Pin 12 (Blue or Black/Blue) of the above connector. Connect pin 2 (Red or Lt.Green) to chassis ground.
259	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Yellow) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Brown) of the vehicle connector. Connect Pin 15 (Lt. Blue) of the vehicle connector to Ground. This connector is the radio plug.
260	Connect the INTERFACE's White/Red wire to pin 16 (Green or Brown) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Yellow) of the vehicle connector to the INTERFACE'S White wire as well. Connect Pin 15 (Lt. Blue) of the vehicle connector to Ground. This connector is the radio plug
261	Connect the INTERFACE's White/Red wire to pin 16 (Yellow/Blue) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Yellow/Green) of the vehicle connector to the INTERFACE'S White wire as well. Connect Pin 15 (Black) of the vehicle connector to Ground. This connector is the radio plug.
262	1. Connect pin 14 (Brown/Black) of the above connector to chassis ground.2. Connect pin 11 (Gray) of the above connector to the INTERFACE's White wire. 3. Cut the purple loop on the INTERFACE in half, connect the inside purple wire to one side of a 22kO resistor (not in the resistor pack). Be sure to cap off the first (outside edge) purple wire. 4. Connect the other end of the 22kO resistor to white wire.
263	Radio only (must use SWI-RC) - Connect INTERFACE's White wire to pin 6 (Pink) found behind the display unit in the center of the dash. Do not cut the pink wire in half. Simply tapping into this wire is all you will need to do. Cut purple loop and insulate both ends. Pink wire may also be grabbed at the base of the steering wheel in a 20 pin connector, pin 5. (see fig. 1)Note: Depending on the mode that the upper display (located in the center of the dash) is set to there is a possibility that you will control it and the radio at the same time.**Bluetooth button retention will require the use of a second SWI module**BT buttons (Use any of the SWI modules)- Connect the second INTERFACE's White wire to pin 15 (Blue) of the 32pin Bluetooth connector. Bluetooth module is located behind the glove box to the right. The Purple loop does not need to be cut for this module and this module will be programmed for version 3. The Bluetooth connector has two blue wires in it. One in pin 13 and one in pin 15. The one you will want to use is next to a Black wire not a Pink wire. The Blue wire may also be grabbed at the base of the steering wheel in a 20 pin connector, pin 8. (see fig.1)When using more than one SWC module to control the same radio it is OK to use a 3.5mm "Y" adapter or simply cut the 3.5mm headphone jacks off of both modules and wire the two cables coming from the SWI modules to one of the 3.5mm connectors. You will simply connect like colors when doing this.
266	For ease of installation you can use the RP4-HD11 or the SWI-CP5. These modules will retain both portions of the steering wheel (Radio and BT) with a single module.Radio only (must use SWI-RC) - Connect INTERFACE's White wire to pin 6 (Pink) found behind the display unit in the center of the dash. Do not cut the pink wire in half. Simply tapping into this wire is all you will need to do. Cut purple loop and insulate both ends. Pink wire may also be grabbed at the base of the steering wheel in a 20 pin connector, pin 5. (see fig. 1)Note: Depending on the mode that the upper display (located in the center of the dash) is set to there is a possibility that you will control it and the radio at the same time.**Bluetooth button retention will require the use of a second SWI module**BT buttons (Use any of the SWI modules)- Connect the second INTERFACE's White wire to pin 15 (Yellow) of the 32pin Bluetooth connector. Bluetooth module is located behind in the center of the dash behind the shifter. The Purple loop does not need to be cut for this module and this module will be programmed for version 3. The Bluetooth connector may have up to 3 yellow wires in it. The one you will want to use is next to a Black wire. The Yellow wire may also be grabbed at the base of the steering wheel in a 20 pin connector, pin 8. (see fig.1)When using more than one SWC module to control the same radio it is OK to use a 3.5mm "Y" adapter or simply cut the 3.5mm headphone jacks off of both modules and wire the two cables coming from the SWI modules to one of the 3.5mm connectors. You will simply connect like colors when doing this.
267	Connect pin 21 (Purple/White) to the INTERFACE's White wire. Connect Pin 22 (Yellow/Black) to the INTERFACE's White/Black wire. Connect Pin 23 (White/Red) to ground.
269	BOSE: Connect the INTERFACE's White/Red wire to pin 23 (Orange) of the vehicle connector. Connect the INTERFACE's White wire to Pin 22 (Red/Green) of the vehicle connector. Connect Pin 25 (Yellow/Green or Gray) of the vehicle connector to Ground. This connector is the radio plug. Non BOSE: Connect the INTERFACE's White/Red wire to pin 22 (orange) of the vehicle connector. Connect the INTERFACE's White wire to Pin 21 (red/green) of the vehicle connector. Connect Pin 23 (yellow/green) of the vehicle connector to Ground. This connector is the radio plug.
271	Connect Pin 21 (Brown) to the INTERFACE's White wire. Connect Pin 22 (Blue/White) to the INTERFACE's White/Black wire. Connect pin 23 (Yellow) wire to ground.
272	You MUST get the White/Red (yellow dots) wire in the steering wheel column. Cut wire in half and connect the INTERFACE's Yellow wire to the steering wheel side of the cut wire. Insulate the remaining cut wire. The Voice and "R/T" buttons are NOT programmable and you will need wait 15 seconds after key is turned on to start the button programming.
273	Connect INTERFACE's white wire to Pin 18 (Gray/Red). Also connect Pin 7 (Gray/Black) to ground. **The connector is viewed from the wire side. Disregard the text under the pic itself.**
274	Connect the INTERFACE's White/Red wire to pin 23 (Green) of the vehicle connector. Connect the INTERFACE's White wire to Pin 22 (Red) of the vehicle connector. Connect Pin 25 (Yellow) of the vehicle connector to chassis ground.
275	Connect the INTERFACE's White wire to both Pin 16 (Pink) of the 24 pin connector (behind the radio) and Pin 15 (Light Blue) of the 32 pin Bluetooth connector. Connect pin 5 (Brown) of the 24 pin connector to chassis ground. Cut the purple loop then connect the INTERFACE's White/black wire to the second purple wire.
276	Connect the INTERFACE's White wire to both Pin 16 (Pink) of the 24 pin connector (behind the radio) and Pin 15 (Light Green) of the 32 pin Bluetooth connector. Connect Pin 5 (Orange) of the 24 pin connector to chassis ground. Cut the purple loop then connect the INTERFACE's White/Black wire to the second (inside) purple wire.
277	Connect the INTERFACE's White wire to both Pin 16 (Pink) of the 24 pin connector (behind the radio) and Pin 15 (Green) of the 32 pin Bluetooth connector. Connect Pin 5 (White) of the 24 pin connector to chassis ground. Cut the purple loop then connect the INTERFACE's White/Black wire to the second (inside) purple wire, cap off the first (outside edge) purple wire.
278	Connect the INTERFACE's White wire to Pin 21 (Black)of the vehicle connector. Connect the INTERFACE's White/Red wire to Pin 24 (Light Blue) of the vehicle connector. Connect the INTERFACE's White/Black wire to Pin 22 (Yellow). Connect Pin 23 (Pink) of the vehicle connector to ground.
279	Connect the INTERFACE's white wires to Pin 16 (pink) of the Civic24 connector. Connect one end of a 1000 Ohm resistor to pin 2 (Green) of the Bluetooth connector (28 pin for non-navigation, 32 pin for navigation). Connect pin 5 (white) of the above connector to ground. Bluetooth unit is located under the driver side dash.
280	Connect the INTERFACE's White wire to Pin 21 (Violet/White) of the above connector. Connect pin 23 (Orange/White) to chassis ground. Connect one end of a 1K Ohm resistor to pin 22 (Blue/White), then connect the other end of the resistor to the INTERFACE's white wire. So basically you will have two wires, one with a resistor in series, connected to the INTERFACE's White wire.
282	With 20 Pin connector behind the radio: Connect pin 7 (White) to the INTERFACE's White wire. Connect Pin 8 (Red) to the INTERFACE's White/Black wire. Connect pin 6 (Blue) wire to ground. With 28 Pin connector behind the radio: Connect Pin 21 (White) to the INTERFACE's White wire. Connect Pin 22 (Red) to the INTERFACE's White/Black wire. Connect Pin 23 (Blue) wire to ground.
283	With 20 Pin connector behind the radio: Connect pin 7 (White) to the INTERFACE's White wire. Connect Pin 8 (Red) to the INTERFACE's White/Black wire. Connect pin 6 (Black) wire to ground. With 28 Pin connector behind the radio: Connect pin 21 (White or Beige) to the INTERFACE's White wire. Connect Pin 22 (Red or Pink) to the INTERFACE's White/Black wire. Connect Pin 23 (Black or Light Blue) wire to ground.
284	Connect pin 7 (Violet/White or Yellow/White if JBL equipped) to the INTERFACE's White wire. Connect Pin 8 (Yellow/Black) to the INTERFACE's White/Black wire. Connect Pin 6 (White/Red) to ground.
285	With 20 Pin connector behind the radio: Connect Pin 7 (Beige) to the INTERFACE's White wire. Connect Pin 8 (Purple) to the INTERFACE's White/Black wire. Connect Pin 6 (Black) wire to ground. With 28 Pin connector behind the radio: Connect Pin 21 (Beige) to the INTERFACE's White wire. Connect Pin 22 (Purple) to the INTERFACE's White/Black wire. Connect Pin 23 (Black) wire to ground.
286	With 20 Pin connector behind the radio: Connect Pin 7 (Beige) to the INTERFACE's White wire. Connect Pin 8 (Pink) to the INTERFACE's White/Black wire. Connect Pin 6 (Blue) wire to ground. With 28 Pin connector behind the radio: Connect Pin 21 (Beige) to the INTERFACE's White wire. Connect Pin 22 (Pink) to the INTERFACE's White/Black wire. Connect Pin 23 (Blue) wire to ground.
287	With 20 Pin connector behind the radio: Connect pin 7 (Red) to the INTERFACE's White wire. Connect Pin 8 (Green) to the INTERFACE's White/Black wire. Connect Pin 6 (Pink) wire to ground. With 28 Pin connector behind the radio: Connect Pin 21 (Red) to the INTERFACE's White wire. Connect Pin 22 (Green) to the INTERFACE's White/Black wire. Connect Pin 23 (Pink) wire to ground.
288	Without Up, Down, Left & Right Buttons on steering wheel: Connect the INTERFACE's White wire to Pin 21 (Violet/White) of the vehicle connector. Connect the INTERFACE's White/Black wire to Pin 22 (Yellow/Black) of the vehicle connector. Connect Pin 23 (White/Red) of the vehicle connector to ground. With Up, Down, Left & Right Buttons on steering wheel: Connect the INTERFACE's White wire to Pin 21 (White)of the vehicle connector. Connect the INTERFACE's White/Red wire to pin 24 (Green) of the vehicle connector. Connect the INTERFACE's White/Black wire to Pin 22 (Red)of the vehicle connector. Connect Pin 23 (Black) of the vehicle connector to ground.
289	Connect the INTERFACE's White wire to Pin 21 (Grey) of the vehicle connector. Connect the INTERFACE's White/Red wire to Pin 24 (Blue) of the vehicle connector. Connect the INTERFACE's White/Black wire to Pin 22 (Lt. Green)of the vehicle connector. Connect Pin 23 (Red) of the vehicle connector to ground.
290	Connect Pin 21 (Blue) to the INTERFACE's White wire. Connect Pin 22 (Pink) to the INTERFACE's White/Black wire. Connect Pin 23 (Red) wire to ground.
291	Nissan08: Connect the INTERFACE's White/Red wire to Pin 6 (Violet) of the vehicle connector. Connect the INTERFACE's White wire to Pin 16 (Lt. Green) of the vehicle connector. Connect Pin 15 (Orange) of the vehicle connector to Ground.Nissan32BT: Connect Pin 12 (Brown) to pin 17 (Purple), Connect Pin 13 (Blue) to pin 18 (Lt. Green) , Connect Pin 14 (Green) to pin 19 (orange) (connector is viewed from pin side not wired side). Factory Bluetooth module is located under the front passenger seat.
292	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Grey/Black) of the vehicle connector . Connect the INTERFACE's White wire to Pin 6 (White/Blue) of the vehicle connector. Connect Pin 15 (Pink) of the vehicle connector to Ground. This connector is the radio plug. Nissan32BT: Connect Pin 14 (Purple) to pin 19 (Pink), Connect Pin 13 (Red) to pin 18 (Light Green), Connect Pin 12 (Green) to pin 17 (White) (connector is viewed from pin side not wired side). Factory Bluetooth module is located to the right of the glove box
293	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Red) of the vehicle connector . Connect the INTERFACE's White wire to Pin 6 (Green) of the vehicle connector. Connect Pin 15 (Violet) of the vehicle connector to Ground. This connector is the radio plug.
294	Connect the INTERFACE's White wire to Pin 21 (White) of the vehicle connector. Connect the INTERFACE's White/Red wire to Pin 24 (Green) of the vehicle connector. Connect the INTERFACE's White/Black wire to Pin 22 (Red) of the vehicle connector. Connect Pin 23 (Black) of the vehicle connector to ground.

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295	With 20 Pin connector behind the radio: Connect pin 7 (Light Green) to the INTERFACE's White wire. Connect Pin 8 (Grey) to the INTERFACE's White/Black wire. Connect Pin 6 (Brown) wire to ground. With 28 Pin connector behind the radio: Connect Pin 21 (Light Green) to the INTERFACE's White wire. Connect Pin 22 (Grey) to the INTERFACE's White/Black wire. Connect Pin 23 (Brown) wire to ground.
296	Connect pin 7 (Black) to the INTERFACE's White wire. Connect Pin 8 (Light Green) to the INTERFACE's White/Black wire. Connect Pin 6 (Light Blue) wire to ground.
297	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Yellow) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Brown) of the vehicle connector. Connect Pin 15 (Lt. Blue) of the vehicle connector to Ground. This connector is the radio plug. Nissan32BT: Connect Pin 14 (Black) to pin 19 (Grey), Connect Pin 13 (White) to pin 18 (Violet), Connect Pin 12 (Red) to pin 17 (Lt. Green) (connector is viewed from pin side not wired side). Factory Bluetooth module is located to the right of the glove box.
298	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Black) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Red) of the vehicle connector. Connect Pin 15 (White) of the vehicle connector to Ground. This connector is the radio plug.
299	Two interfaces are needed to retain the steering wheel controls in this vehicle. You will need an SWI-CAN interface and a radio specific interface. Connect the SWI-CAN's White/Red wire to Pin 9 (Red) of the vehicle connector. Connect the SWI-CAN's White/Black wire to Pin 8 (Brown) of the vehicle connector. Yellow of the SWI-CAN will connect to constant +12v and the Black wire of the SWI-CAN will connect to chassis ground.
300	Connect the INTERFACE's White/Red wire to pin 16 (Brown) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Yellow) of the vehicle connector. Connect Pin 15 (Green) of the vehicle connector to Ground. This connector is the radio plug.
301	Connect the INTERFACE's White/Red wire to pin 16 (White) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Green) of the vehicle connector. Connect Pin 15 (Black) of the vehicle connector to Ground. This connector is the radio plug.
302	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Lt. Blue) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Red) of the vehicle connector. Connect Pin 15 (Yellow) of the vehicle connector to Ground. This connector is the radio plug. Nissan32BT: Connect Pin 12 (Green) to pin 17 (Red). Connect Pin 13 (Purple) to pin 18 (Lt. Blue). Connect Pin 14 (Grey) to pin 19 (Yellow). Factory Bluetooth module is located behind the AC controls.
304	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Beige) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Brown) of the vehicle connector. Connect Pin 15 (Gray) of the vehicle connector to Ground. This connector is the radio plug. Nissan32BT: Connect Pin 12 (White) to pin 17 (White), Connect Pin 13 (Yellow) to pin 18 (Blue), Connect Pin 14 (Grey) to pin 19 (Grey) (connector is viewed from pin side not wired side). Factory Bluetooth module is located in the trunk area behind the right trim panel. If the vehicle was equipped with factory navigation the connections at the Nissan32BT are not needed.
305	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Lt. Green) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Green) of the vehicle connector. Connect Pin 15 (Pink) of the vehicle connector to Ground. This connector is the radio plug. Nissan32BT: Connect Pin 14 (Purple) to pin 19 (Pink), Connect Pin 13 (Red) to pin 18 (Lt. Green), Connect Pin 12 (Green) to pin 17 (Green) (connector is viewed from pin side not wired side). Factory Bluetooth module is located behind the glove box to the right. If the vehicle was equipped with factory navigation the connections at the Nissan32BT are not needed.
306	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Green/Orange) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Violet) of the vehicle connector. Connect Pin 15 (Red/Black) of the vehicle connector to Ground. This connector is the radio plug. Nissan32BT: Connect Pin 14 (Yellow/Red) to pin 19 (Red/Black), Connect Pin 13 (Green/White) to pin 18 (Green/Orange), Connect Pin 12 (Red/Green) to pin 17 (Purple) (connector is viewed from pin side not wired side). Factory Bluetooth module is located behind the glove box to the right. If the vehicle was equipped with factory navigation the connections at the Nissan32BT are not needed.
307	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Lt. Green) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Purple) of the vehicle connector. Connect Pin 15 (Orange) of the vehicle connector to Ground. This connector is the radio plug. Nissan32BT: Connect Pin 14 (Green) to pin 19 (Orange), Connect Pin 13 (Blue) to pin 18 (Lt. Green), Connect Pin 12 (Brown) to pin 17 (Violet) (connector is viewed from pin side not wired side). Factory Bluetooth module is located under the passenger seat.
308	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (White) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Brown) of the vehicle connector. Connect Pin 15 (Green) of the vehicle connector to Ground. This connector is the radio plug.
309	Connect the INTERFACE's white wires to Pin 4 (Brown) of the above connector. Connect pin 17 (Black/Orange) of the radio connector to ground. Cut purple wire, insert a 5100 ohm resistor in between the two purple wires.
311	Connect the INTERFACE's white wires to Pin 4 (Blue) of the above connector. Connect pin 17 (Grey) of the radio connector to ground.
313	Connect the INTERFACE's white wires to Pin 4 (Blue) of the above connector. Connect pin 17 (Grey) of the radio connector to ground.
314	Connect the INTERFACE's white wires to Pin 5 (Grey) of the radio connector. Connect pin 17 (Green) of the radio connector to ground.
316	Connect the INTERFACE's white wires to Pin 4 (Red) of the radio connector. Connect pin 17 (White) of the radio connector to ground.
318	Connect the INTERFACE's White wire to the Pin 4 (Pink) of the above connector. Connect Pin 17 (Grey) of the same connector to Chassis Ground.
320	Connect the INTERFACE's white wires to Pin 4 (Blue) of the radio connector. Connect pin 17 (Orange) of the radio connector to ground.
322	Connect the INTERFACE's white wires to Pin 5 (Lt. Green/White) of the radio connector. Connect pin 13 (White/Red) of the radio connector to ground.
323	Connect Pin 4 (Pink) to the INTERFACE's White wire. Connect Pin 13 (Blue/Yellow) to the INTERFACE's White/Black wire. Connect Pin 14 (Light Green) wire to ground.
324	Connect the INTERFACE's White wire to 18 White/Black of the above connector 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. The white wire also connects to pin 18 in the car. Connect pin 19 Brown/Yellow to chassis ground.
325	1. Connect pin 12 (brown/white) of Connector 1 to chasis ground. 2. Connect pin 12 (dark blue) of Connector 2 to white wire. **Both connectors are at the radio.** 3. Cut purple loop of the INTERFACE in half, connect the inside purple wire to 22kO resistor (not in the resistor pack). Be sure to cap off the first (outside edge) purple wire. 4. Connect the other end of the 22kO resistor to white wire.
326	Connect the INTERFACE's Green wire to pin 11 (Dk. Blue) in connector 1 of the vehicle connector. Connect pin 14 (White/Black) in connector 2 to +12v accessory.
327	Connect the INTERFACE's Green wire to Pin A9 (Dark Blue) of the above connector. Connect Pin A10 (White/Black) to +12 volts accessory.
328	Connect the INTERFACE's Green wire to Pin A7 (Blue or Green) of the vehicle connector. Connect Pin A6 (Purple or Pink) to accessory +12v.
329	Connect the INTERFACE's Green wire to Pin D8 (Dk. Blue or Lt. Green) of the above 40-pin BLACK connector. Be sure to only tap the wire in and do not cut the wire in half. **Black connector is located next to the steering column and will have a WHITE slide lock lever and a BLUE insert.**
330	Connect the INTERFACE's Green wire to Pin D8 (Dk. Blue or Lt. Green) of the 40-pin plug next to steering column. Tap INTERFACES wire into vehicles wire, do not cut vehicles wire in half. Light Green wire may also be in a 4 pin plug.
331	Connect the INTERFACE's Green wire to B31 (Lt. Green) of the vehicle connector. This plug is located at the base of the steering column.
332	Connect the INTERFACE's Green wire to Pin A12 (Lt. Green) of the vehicle connector. The connector is located at the base of the steering wheel column. The wire is located in the top row of pins of the connector.
333	Connect the INTERFACE's Green wire to Pin A7 (Blue or Green) of the above connector. Connect Pin A6 (Pink or Violet) to Accessory +12V
334	Connect the INTERFACE's White/Red wire to the Pin 27 (Blue/Yellow) wire. Connect the INTERFACE's White wire to Pin 26 (Green/Black or Red) of the vehicle connector. Connect the Pin 29 (Brown/White) of the vehicle connector to ground.
335	Connect the INTERFACE's White/Red wire to pin 16 (Orange) of the vehicle connector. Connect the INTERFACE's White wire to Pin 6 (Brown) of the vehicle connector. Connect Pin 15 (Green) of the vehicle connector to Ground. This connector is the radio plug.
336	Connect the INTERFACE's White/Red wire to the Pin 27 (Blue/Yellow) of the vehicle connector. Connect the INTERFACE's White wire to Pin 26 (Red) wire of the vehicle connector. Connect Pin 29 (Brown/White) of the vehicle connector wire to ground.
337	Connect Pin 2 (Red/White) of the Yellow 26 pin connector to the INTERFACE's White wire. Cut the purple loop and place a 1K Ohm resistor between the two purple wires.
338	There are separate wires for each button. Put a different value resistor on each wire and tie remaining ends of resistors to INTERFACE'S White wire. Use resistors less than 2k ohms.
339	Connect vehicles Black/White wire to interfaces White wire. Connect Black/Red wire to ground. This wires are located at the factory radio plug.
340	Connect the INTERFACE's White wire to Pin 18 (White/Black) of the vehicle connector. Connect Pin 19 (Black/Red) to chassis ground.
341	Connect the INTERFACE's Yellow wire to Lt. Green/Black in the vehicle harness. Connect the Lt. Blue/White wire in the vehicle harness to Accessory +12V. Connect the Black wire in the vehicle harness wire to ground.
342	Connect the INTERFACE's White wire to Green/Orange of the vehicles connector. Also connect Green/Black of the same connector to chassis ground.
343	Connect the Select INTERFACE's Yellow wire to Yellow/White which is usually located in a separate 4 Pin connector with only one wire in it.
344	Vehicles with cruise controls on steering wheel, need to keep factory tuner which is separate from the head unit, needs to remain plugged in. Rotary volume knob is not usable. Test to locate a separate wire for each button.
345	BOSE: Connect the INTERFACE's White/Red wire to Pin 23 (Orange) of the vehicle connector. Connect the INTERFACE's White wire to Pin 22 (Red/Green) of the vehicle connector. Connect Pin 25 (Yellow/Green or Gray) of the vehicle connector to chassis ground. This connector is the radio plug. Non BOSE: Connect the INTERFACE's White/Red wire to Pin 22 (Orange) of the vehicle connector. Connect the INTERFACE's White wire to Pin 21 (Red/Green) of the vehicle connector. Connect Pin 23 (Yellow/Green) of the vehicle connector to chassis ground. This connector is the radio plug. Nissan32BT: Connect Pin 12 to Pin 17, Connect Pin 13 to Pin 18, Connect Pin 14 to Pin 19 (connector is viewed from Pin side not wire side). Factory Bluetooth module is located in the trunk area.
346	Connect the INTERFACE's White/Red wire to Pin 27 (Blue/Yellow). Connect the INTERFACE's White wire to Pin 26 (Green/Black or Red) of the vehicle connector. Connect Pin 29 (Brown/White) of the vehicle connector to chassis ground.
347	Connect the INTERFACE's White wire to Pin 12 of the vehicle connector. 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.
348	Connect the INTERFACE's Green wire to Pin B31 (Lt. Green) of the vehicle connector. Do not cut this wire, tap into the wire. The vehicle connector is located at the base of steering column.
349	Connect the INTERFACE's Green wire to Pin E5 or E6 (Dark Blue or Light Green) of the vehicle connector. Also connect INTERFACE's Blue wire to Pin E1 (Dark Green).
350	Connect the INTERFACE's Green wire to Pin C (Dark Blue) of the 4 Pin connector that is located to the right side of steering wheel column.
351	Connect the INTERFACE's Green wire to Pin 11 (Dark Blue) of connector 1 of the vehicle connector. Connect Pin 14 (White/Black) of connector #2 of the vehicle connector to accessory +12v.
352	Connect the INTERFACE's Green wire to Pin 13 (Blue wire) of the vehicle connector. Connect Pin 2 (Purple) in the 8-Pin C3 harness to accessory +12v.
353	Connect the INTERFACE's Green wire to Pin 6 or 7 (Green) of the vehicle connector. The Green wire may be in separate 15-Pin plug.
354	Connect the INTERFACE's White wire to the Green/Orange wire located in the 2-Pin plug located behind the radio. Connect the Green/Black wire to chassis ground.
355	Connect the INTERFACE's Green wire to Pin 11 (Dark Blue) of the vehicle connector. Connect Pin 10 (Purple) to +12v accessory.
356	Connect the INTERFACE's Green wire to Pin 18 (Dark Blue) of the vehicle connector. This plug is located at the IPM. The IPM module is located behind the glove box. It is not recommended to program the OnStar button.
357	Connect the INTERFACE's Green wire to Pin 8 (Lt. Green) of the vehicle connector. This wire is located at the BCM which is under the driver side dash above the accelerator pedal. This wire is located in Connector 3 (Lt. Green) next to a Gray wire.
358	Connect the INTERFACE's Green wire to Pin A9 (Dark Blue) of the vehicle connector. Connect Pin A10 (White/Black) to +12v accessory.
359	Connect the INTERFACE's Orange wire to Pin 6 (Lt. Blue/Pink) of the vehicle connector. Connect Pin 5 to Accessory +12v.
360	Connect the INTERFACE's Orange wire to Pin 12 or 16 (Lt. Blue/Pink) of the vehicle connector. Connect Pin 3 or 5 (Lt. Green/Black) to Accessory +12v.
361	Connect the INTERFACE's Orange wire to Pin 7 (Lt. Blue/Pink) of the vehicle connector. Connect Pin 6 (Lt. Green/Black) to Accessory +12V
362	Connect the INTERFACE's Orange wire to Pin 9 or 13 (Lt. Blue/Pink) of the vehicle connector. Connect Pin 6 or 4 (Lt. Green/Black) to Accessory +12V
363	Connect the INTERFACE's White wire to Pin 18 (Lt. Blue/Red) of the vehicle connector. Connect Pin 19 (Green/Orange) to chassis ground.

VEHICLE INSTALLATION INFORMATION GUIDE (V.I.I.G.) - NOTES

364	Connect the INTERFACE's White wire to Pin 11 (White/Black) of the vehicle connector. Connect Pin 12 (Yellow) to chassis ground.
365	Connect the INTERFACE's White wire to Pin 18 (White/Black) of the vehicle connector. Connect Pin 19 (Brown/Yellow) to chassis ground.
366	Connect the INTERFACE's White wire to Pin 3 (Green or Gray) wire of the vehicle connector. Connect Pin 4 (Black/Orange) wire to chassis ground.
367	Connect the INTERFACE's White wire to Pin 11 (White/Black) of the vehicle connector. Connect Pin 12 (Black/Blue) of the vehicle connector to chassis ground.
368	Cut the Purple loop wire on INTERFACE and insert a 1500 Ohm resistor in-line with the free ends of the Purple loop wire.
369	For 3.0 with 6 buttons, connect a 4900 Ohm resistor across INTERFACE's White and Black wires. For 2.5 with 3 buttons, no resistor needed.
370	Cut the Purple loop wire on INTERFACE and put a 1K Ohm resistor in-line with the free ends of the of the Purple loop wire.
371	Connect the INTERFACE's White wire to the Gray/Red wire in the vehicle connector. Connect the Gray/Black wire to chassis ground. If you are using an aftermarket wire harness that has a Blue loop wire from the factory Gray/Red to a Red/Black wire, remove the loop from the connector.
372	Connect the INTERFACE's White wire to Pin 18 (Gray/Yellow) of the vehicle connector. Connect Pin 19 (Brown/Green) to chassis ground. 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.
373	Connect the INTERFACE's White wire to Pin 18 (Gray/Yellow) of the vehicle connector. Connect Pin 19 (Blue/White) to chassis ground. 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.
374	Connect the INTERFACE's White wire to Pin 10 of the vehicle connector. Connect Pin 9 of the vehicle connector to chassis ground if available. Connect a 100 Ohm resistor to Pin 3 of the Bluetooth connector. Connect the other end of the 100 Ohm resistor to the White wire as well.
375	Connect the INTERFACE's White wire to Pin 10 of the vehicle connector. Connect Pin 9 of the vehicle connector to chassis ground if available.
376	Connect the INTERFACE's Yellow wire to Lt. Green/Black which is located in the 6-Pin plug behind radio. The Key must be in the ignition position during programming and operation.
377	Connect the INTERFACE's White wire to Pin 24 (Green/Orange) of the vehicle connector. Connect the Pin 28 (Green/Black) wire to chassis ground.
378	Connect the INTERFACE's White wire to Pin 12 (Green/Orange) of the vehicle connector. Connect the Pin 1 (Green/Black) wire to chassis ground.
379	Connect the INTERFACE's White wire to Pin 12 (Blue) of the vehicle connector. Connect the Pin 2 (Black or Red) wire to chassis ground.
380	Connect the INTERFACE's White wire to Pin 22 (Blue) of the vehicle connector. Connect the Pin 32 (Black) wire to chassis ground.
381	Connect the INTERFACE's White wire to the Lt. Green/Black wire of the vehicle connector. Connect the Blue/White wire to +12v accessory.
382	Connect the INTERFACE's White wire to Pin C11 (Brown) of the vehicle connector. Connect the Pin C12 (Black/Yellow) wire to chassis ground.
383	Connect the INTERFACE's White wire to Pin 18 (Yellow/Black) wire of the vehicle connector. This wire is in the 22-Pin connector which is found at display module. Be sure to tap the INTERFACE's wire into vehicles wire, do not cut vehicles wire in half.
384	Connect the INTERFACE's White wire to Pin 22 (Blue) wire of the vehicle connector. This wire is in the 25-Pin connector which is found at display module. Be sure to tap the INTERFACE's wire into vehicles wire, do not cut vehicles wire in half.
385	Connect the INTERFACE's White wire to Pin 24 (Blue) wire of the vehicle connector. This wire is in the 32-Pin connector which is found at display module. Be sure to tap the INTERFACE's wire into vehicles wire, do not cut vehicles wire in half. If the interface does not program in version 11, program the interface for version 13.
386	Connect the INTERFACE's White wire to Pin 16 (Dark Blue) of the vehicle connector. Connect Pin 13 (Black/White) to chassis ground. Cut Purple wire and insert 10k Ohm resistor in series of the Purple wires.
387	Connect the INTERFACE's White wire to Pin 19 (Purple) of the vehicle connector. Connect the Pin 20 (Pink/Black) wire to chassis ground.
388	Connect INTERFACE's White wire to Pin 12 (Green) of the vehicle connector. Connect Pin 11 (Black) to chassis ground.
389	Connect the INTERFACE's White wire to Pin 16 (White/Dark Blue) of the vehicle connector. Connect Pin 13 (Black/White) to chassis ground. Cut Purple wire and insert 10k Ohm resistor in series of the Purple wires.
390	Connect the INTERFACE's White wire to Pin 12 (Purple) of the vehicle connector. Connect the Pin 11 to chassis ground.
391	Nissan08: Connect the INTERFACE's White/Red wire to Pin 16 (Yellow) of the vehicle connector . Connect the INTERFACE's White wire to Pin 6 (Lt. Green) of the vehicle connector. Connect Pin 15 (Black) of the vehicle connector to Ground. This connector is the radio plug. Nissan32BT: Connect Pin 12 (Brown) to pin 17 (Lt. Green), Connect Pin 13 (Yellow) to pin 18 (Yellow), Connect Pin 14 (Shield) to pin 19 (Black) (connector is viewed from pin side not wired side). Factory Bluetooth module is located in the trunk area behind the panel under the rear deck.
392	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (White) of the vehicle connector . Connect the INTERFACE's White wire to Pin 6 (Yellow) of the vehicle connector. Connect Pin 15 (Brown) of the vehicle connector to Ground. This connector is the radio plug. Nissan32BT: Connect Pin 12 (Lt. Blue) to pin 17 (Yellow), Connect Pin 13 (Grey) to pin 18 (White), Connect Pin 14 (Lt. Green) to pin 19 (Brown) (connector is viewed from pin side not wired side). Factory Bluetooth module is located in the trunk area behind the panel under the rear deck.
393	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Yellow) of the vehicle connector . Connect the INTERFACE's White wire to Pin 6 (Green) of the vehicle connector. Connect Pin 15 (Shield) of the vehicle connector to Ground. This connector is the radio plug.
394	Nissan08: Connect the INTERFACE's White/Red wire to pin 16 (Grey) of the vehicle connector . Connect the INTERFACE's White wire to Pin 6 (Lt. Blue) of the vehicle connector. Connect Pin 15 (Lt. Green) of the vehicle connector to Ground. This connector is the radio plug.
395	Pin 7 (White) - Can +Pin 8 (Green) - Can -Pin 1 (Red) - Constant +12vPin 12 (Brown) - Ground
396	Two INTERFACE's are needed to retain the Steering Wheel Control's. You will need a CAN SWC interface and a radio specific SWC interface. Use only the Programming instructions provided with this document. All connections will be made by referring to the CAN SWC Interface instructionsPin 1 - Constant +12vPin 2 - CAN -Pin 12 - GroundPin 13 - CAN +
397	Connect the INTERFACE's White wire to Pin 10 (Lt. Blue) of the Mazda24 connector. Connect the INTERFACE's White/Black wire to Pin 3 (Grey) of the MazdaBlue28 connector . Connect Pin 9 (Pink) of the Mazda24 connector to chassis ground.
398	The control wire is located in the steering wheel column in a 4 Pin connector. Remove the cover around the key cylinder (special torx driver may be needed). Connect the INTERFACE's White wire to the Red/Black wire in pin 4. Be sure not to cut this wire and only tap into it.
399	Connect the INTERFACE's Green wire to Pin 12 (Light Green) of connector 1 of the vehicle connector. Connect Pin 12 (Brown) of connector #2 of the vehicle connector to accessory +12v.
400	Connect the INTERFACE's Green wire to Pin 8 (Lt. Green/White) of the vehicle connector. This wire is located at the BCM which is located behind the glove box to the right. This wire is located in Connector 3 (Lt. Green) next to a Brown/Green wire.
405	Connect the INTERFACE's White wire to Pin 2 (Brown/Green) of the 26 Pin vehicle connector. Cut the purple loop and place a 1K Ohm resistor between the two purple wires.



Technical Bulletin

Kenwood Radios and SWC Interfacing

We have received reports of issues with some new model Kenwood radios when using SWI-RC. The steering controls operate until the track button is pressed, then cease to work, or simply do not function at all with certain radio models.

Affected Product:
SWI-RC



Unaffected (compatible) Products:
RadioPRO4, RadioPRO5, SWI-CP5



We have tested these radio models with SWI-CP5 and RadioPRO SKUs and confirmed they are compatible.

These are the Kenwood radio models which have been associated with the issue:

KDC-BT318U

KDCBT-758HD

KDC-X598

KDC-X798

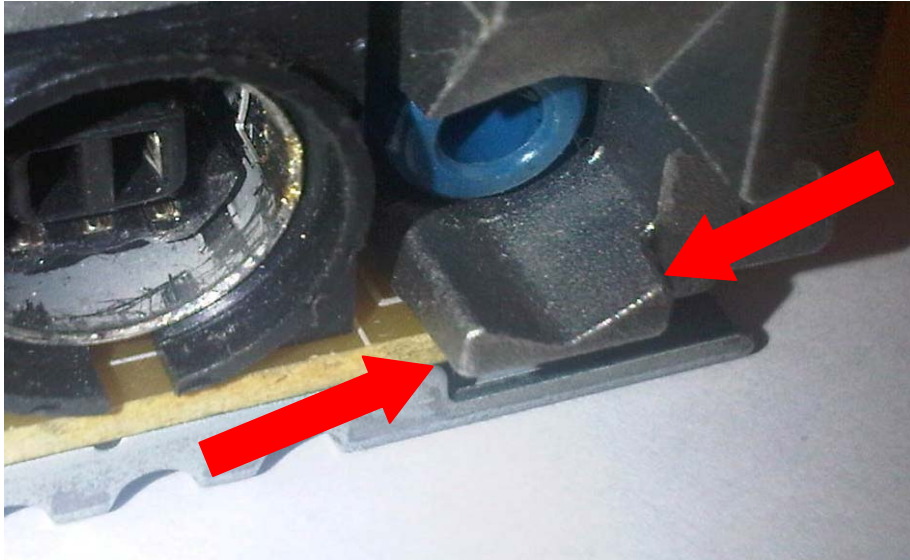
KDCBT-558U



We are looking into providing a resolution for this issue as soon as possible. In the meantime, for installations of these specific Kenwood radio models, please use SWI-CP5, or RadioPRO as these SKUs have been tested and confirmed to work with these new radio models.

We sincerely apologize for any inconvenience this may have caused for you or your customers.

SONY RADIO MODIFICATION



REMOVE THIS PIECE FROM THE RADIO TO ASSURE THE 3.5" CONNECTOR FROM THE SWI-PS PLUGS COMPLETELY INTO THE RADIO.



YOU CAN ALSO PURCHASE A STRAIGHT ADAPTER (IS335) TO CONVERT THE RIGHT ANGLE 3.5" CONNECTOR TO A STRAIGHT CONNECTION.

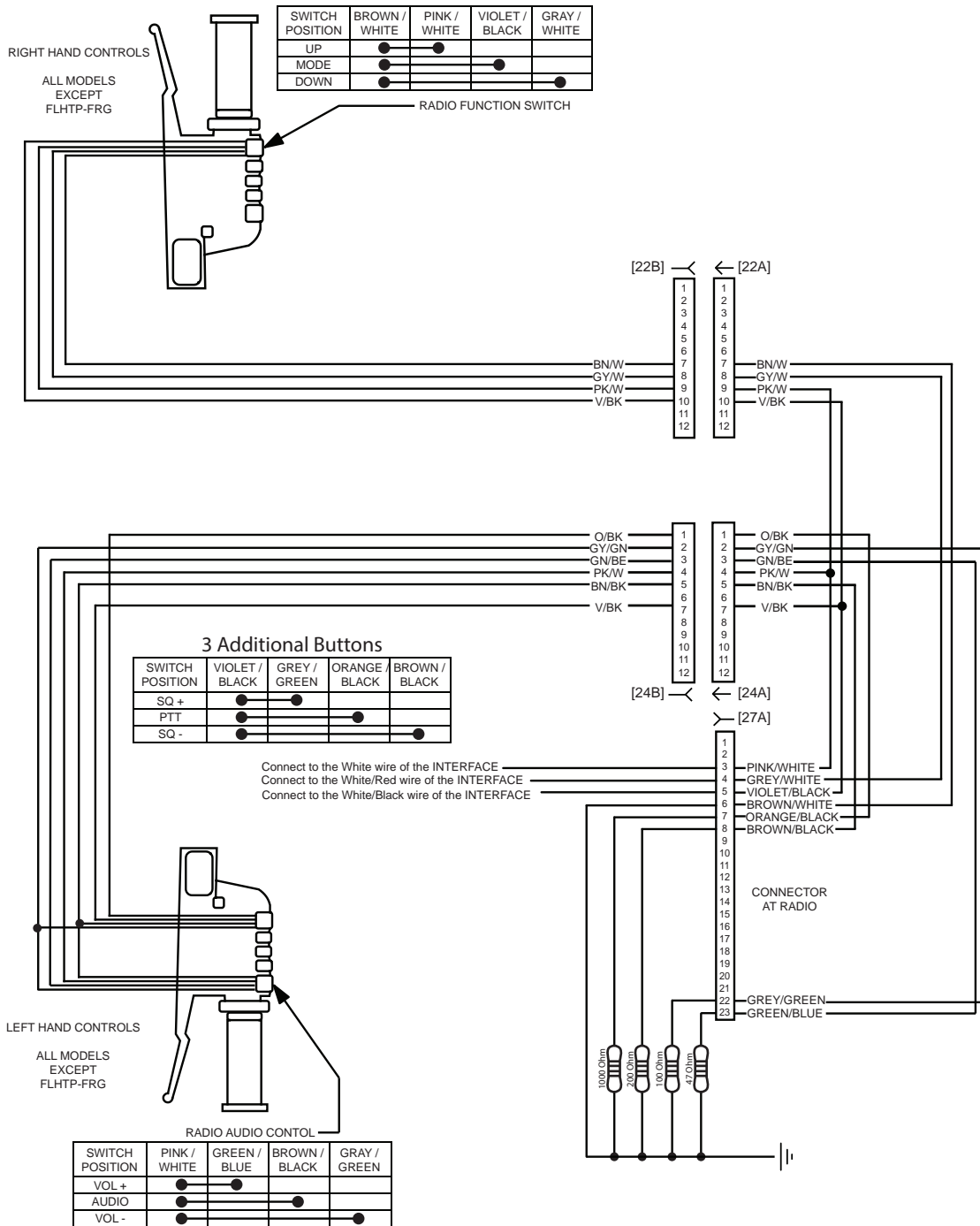


Steering Wheel Control Interface

1998 -2013 Harley Davidson Wiring Diagram

With or Without SQ+, SQ- & PTT Buttons

Connection Diagram



1. Connect Pin 3 (Pink/White) to the INTERFACE's White wire.
2. Connect Pin 4 (Grey/White) to the INTERFACE's White/Red wire.
3. Connect Pin 5 (Violet/Black) to the INTERFACE's White/Black wire.
4. Connect Pin 6 (Brown/White) to chassis ground.
5. Connect one end of a 1K Ohm resistor to Pin 7 (Orange/Black). Connect the other end to chassis ground.**
6. Connect one end of a 200 Ohm resistor to Pin 8 (Brown/Black). Connect the other end to chassis ground.
7. Connect one end of a 100 Ohm resistor to Pin 22 (Grey/Green). Connect the other end to chassis ground.
8. Connect one end of a 47 Ohm resistor to Pin 23 (Green/Blue). Connect the other end to chassis ground.

Note - The Orange/Black in Pin 7 will not be present if the bike is not equipped with the SQ and PTT buttons

