



CRUX SWRBM-57K Radio Replacement with SWC Retention User Manual

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RADIO REPLACEMENT
SWRBM-57K

Radio Replacement with SWC Retention for Select BMW Vehicles with I/K-Line Bus (1991-2006)

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PRODUCT FEATURES:

- Retains factory features in select BMW vehicles with I/K-Line Bus while functioning with an aftermarket radio.

- Does not support amplified systems with factory DSP.
- EIA color coded wiring for easy installation.

PARTS INCLUDED:



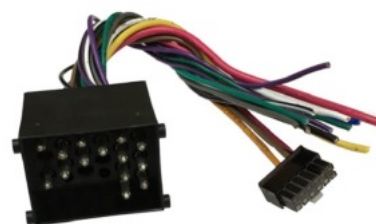
SWRBM-57K MODULE



SWC Cable

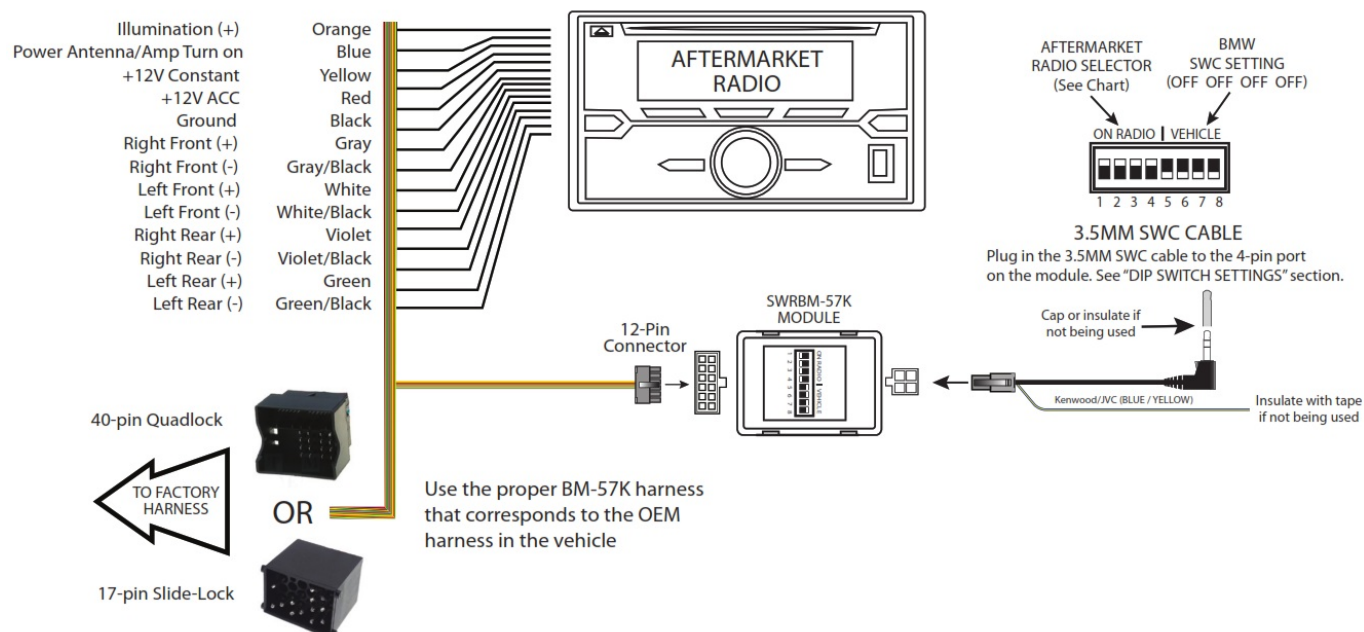


40-Pin Quadlock Harness



17-Pin Slide-Lock Harness

INSTALLATION DIAGRAM:



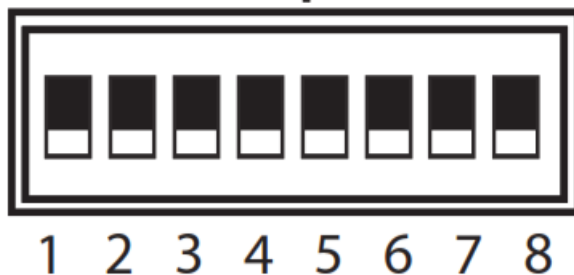
DIP SWITCH SETTINGS:

AFTERMARKET RADIO DIP SWITCH SETTINGS:

RADIO BRAND:	DIP:	1	2	3	4
Atoto, Dual, Farenheit, Jensen, Pioneer		OFF	OFF	ON	ON
Power Acoustik, Soundstream		OFF	OFF	ON	ON
Blaupunkt, Most off-brand Radios		OFF	OFF	ON	ON
Alpine		OFF	OFF	ON	ON
Clarion		OFF	OFF	ON	ON
Kenwood		OFF	OFF	ON	ON
JVC		OFF	OFF	ON	ON
Boss, Old Sony		OFF	OFF	ON	ON
New Sony		OFF	OFF	ON	ON

SWC MODULE

ON RADIO | VEHICLE



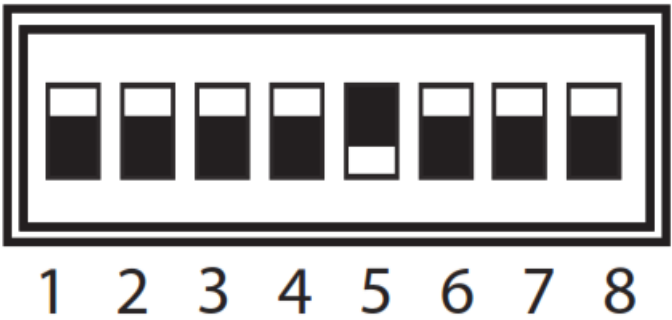
NOTE: For Atoto, Blaupunkt, Dual, Farenheit, Power Acoustik, Soundstream, and most off-brand radios, check the aftermarket radio's manual to see if the SWC buttons need to be programmed.

BMW STEERING WHEEL CONTROL DIP SWITCH SETTING:

DIP:	5	6	7
BMW	OFF	OFF	OFF

SWRBM-57K MODULE

RADIO | VEHICLE



1 2 3 4 5 6 7 8

3.5MM SWC CABLE

Plug in the 3.5MM to 4-Pin SWC cable to the SWC module.

NOTE: Insulate the Blue/Yellow wire or 3.5mm plug if not being used.

For aftermarket radios that have wires for SWC connections, cut off the 3.5mm plug on the Crux SWC Cable (option B) and connect the SWC wires as follows:

Note that there are some radios that only have SWC1 and SWC2, in this case “shield” does not need to be connected.



VEHICLE APPLICATIONS:

BMW

TYPE A: 17-PIN SLIDE-LOCK CONNECTOR APPLICATIONS (I-Bus Slide-Lock 17 Pin Round Connector)

1990 – 1998 3 Series (E36)	2000 – 2001 X5
1998 – 2005 3 Series (E46) Sedan/Wagon	1996 – 2002 Z3
1998 – 2006 3 Series (E46) Coupe/Convertible	2001 – 2002 Z8
1995 – 2000 5 Series (E39)	1999 – 2002 M
1990 – 1998 7 Series (E38)	1999 – 2002 M
2004 – 2006 X3	



TYPE B: 40-PIN QUAD-LOCK CONNECTOR APPLICATIONS (I-Bus QuadLock 40 Pin Connector)

2001 – 2004 Compact (E46)	2004 – 2007 X3
2001 – 2003 5 Series (E39)	2002 – 2006 X5
1994 – 2001 7 Series (E38)	2003 – 2008 Z4 2001 – 2005 Mini



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Documents / Resources

	<p>CRUX SWRBM-57K Radio Replacement with SWC Retention [pdf] User Manual SWRBM-57K Radio Replacement with SWC Retention, Radio Replacement with SWC Retention, SWC Retention</p>
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References

- [C CRUX Interfacing Solutions](#)