idatalink™ maestro *Rr*

HOW TO USE THIS INSTALL GUIDE

1 Open the Bookmarks menu and find your vehicle OR scroll down until you find the install guide for your vehicle.

2 Print only the pages for your vehicle using the advanced options in the Print menu.

3 Install your Maestro RR according to the guide for your vehicle.

WARNING

Pressing the printer icon or "quick printing" this document will print all of the guides in this compilation.

INSTALL GUIDE

SUBARU FORESTER
BASE 2009-2014

RETAINS STEERING WHEEL CONTROLS AND ADDS GAUGES

PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Compatible Radio

OPTIONAL ACCESSORIES

None

PROGRAMMED FIRMWARE

ADS-RR(SI)-SUB01-DS

WELCOME

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Please note that Maestro RR will only retain functionalities that were originally available in the vehicle.
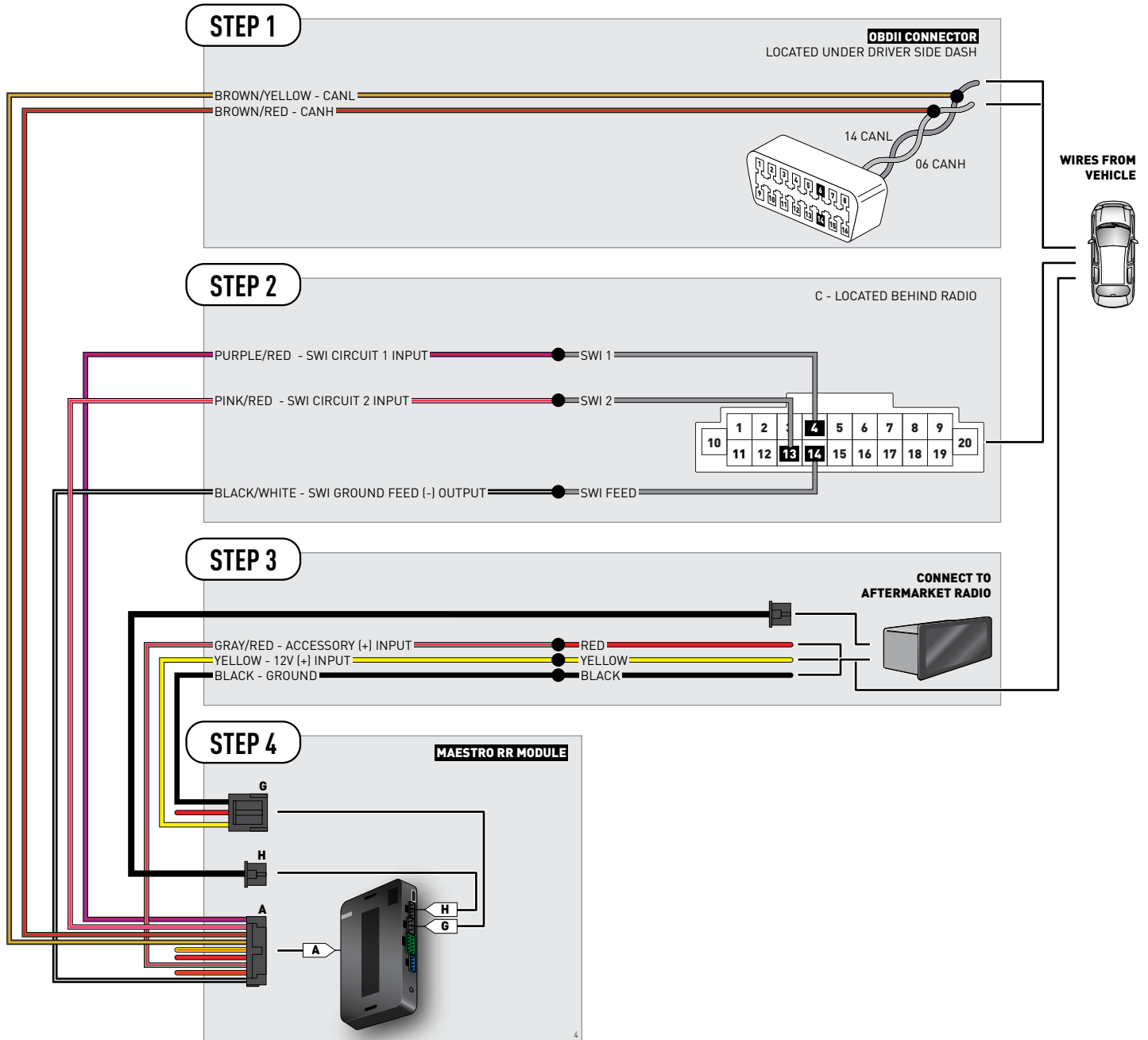
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www.12voltdata.com/forum

DURING INSTALLATION

WIRING DIAGRAM

STEP 1

OBDII CONNECTOR
LOCATED UNDER DRIVER SIDE DASH

BROWN/YELLOW - CANL
BROWN/RED - CANH

14 CANL
06 CANH

WIRES FROM VEHICLE

STEP 2

C - LOCATED BEHIND RADIO

PURPLE/RED - SWI CIRCUIT 1 INPUT — SWI 1

PINK/RED - SWI CIRCUIT 2 INPUT — SWI 2

1	2	3	4	5	6	7	8	9	
10	11	12	13	14	15	16	17	18	19	20

BLACK/WHITE - SWI GROUND FEED (-) OUTPUT — SWI FEED

STEP 3

CONNECT TO AFTERMARKET RADIO

GRAY/RED - ACCESSORY (+) INPUT — RED
YELLOW - 12V (+) INPUT — YELLOW
BLACK - GROUND — BLACK

STEP 4

MAESTRO RR MODULE

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VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Module Location	Component Locator
CanH	A	~	16 pin	06	Red	(DATA)	OBDII connector, under driver side dash	~
CanL	A	~	16 pin	14	Blue	(DATA)	OBDII connector, under driver side dash	~
SWI 1	C	~	20 pin	04	LtGreen/Red	(DATA)	Behind radio	~
SWI 2	C	~	20 pin	13	Red	(DATA)	Behind radio	~
SWI Feed	C	~	20 pin	14	Yellow	(-)	Behind radio	~

INSTALL GUIDE
SUBARU FORESTER
NAV 2009-2014

RETAINS STEERING WHEEL CONTROLS AND ADDS GAUGES

PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Compatible Radio

OPTIONAL ACCESSORIES

None

PROGRAMMED FIRMWARE

ADS-RR(SI)-SUB01-DS

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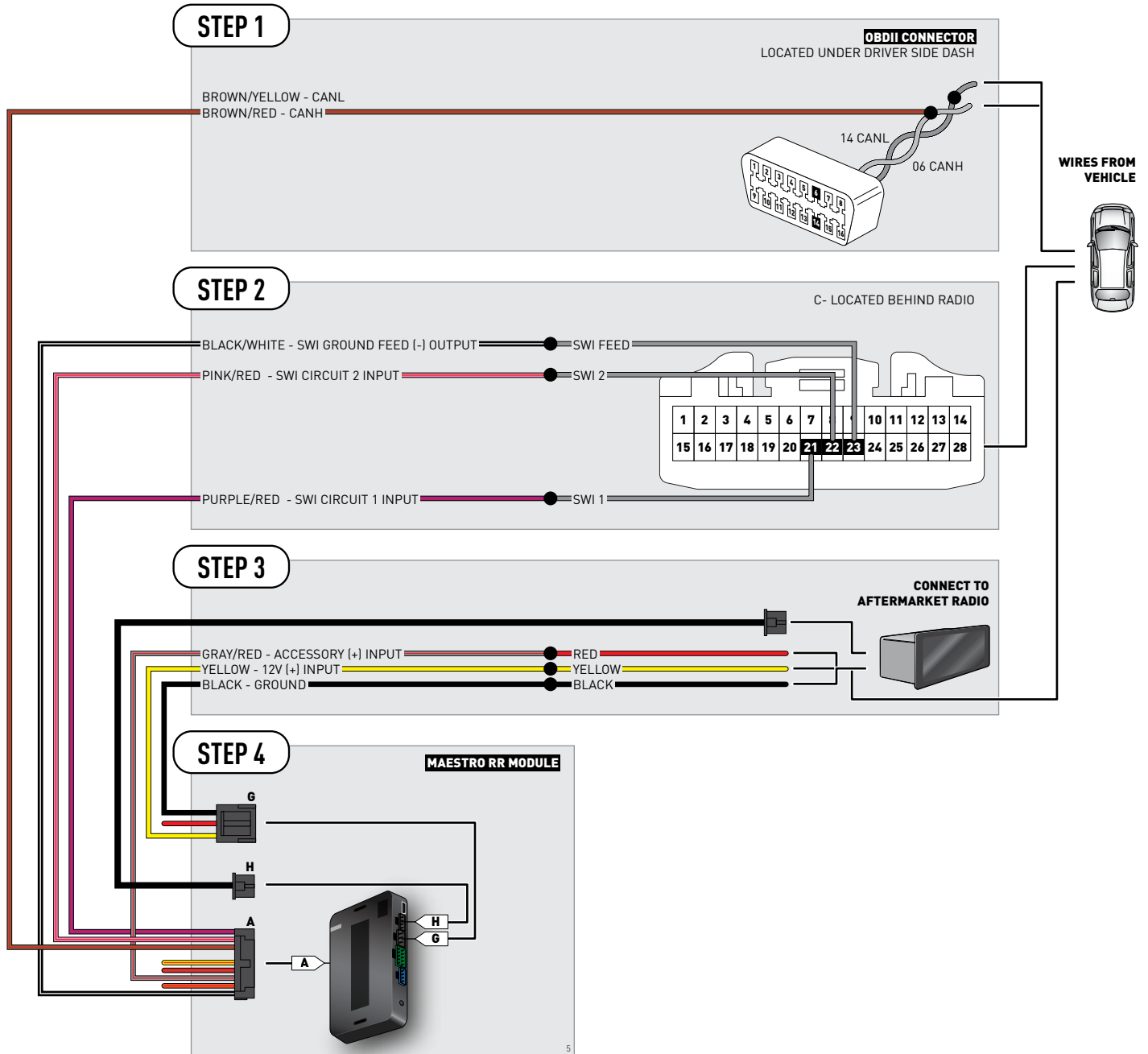# NEED HELP?

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WIRING DIAGRAM

STEP 1

OBDII CONNECTOR
LOCATED UNDER DRIVER SIDE DASH

BROWN/YELLOW - CANL
BROWN/RED - CANH

14 CANL
06 CANH

WIRES FROM VEHICLE

STEP 2

C- LOCATED BEHIND RADIO

BLACK/WHITE - SWI GROUND FEED (-) OUTPUT — SWI FEED

PINK/RED - SWI CIRCUIT 2 INPUT — SWI 2

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |

PURPLE/RED - SWI CIRCUIT 1 INPUT — SWI 1

STEP 3

CONNECT TO AFTERMARKET RADIO

GRAY/RED - ACCESSORY (+) INPUT — RED
YELLOW - 12V (+) INPUT — YELLOW
BLACK - GROUND — BLACK

STEP 4

MAESTRO RR MODULE

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VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Module Location	Component Locator
CanH	A	~	16 pin	06	Red	(DATA)	OBDII connector, under driver side dash	~
CanL	A	~	16 pin	14	Blue	(DATA)	OBDII connector, under driver side dash	~
SWI 1	C	~	28 pin	21	LtGreen/Red	(DATA)	Behind radio	~
SWI 2	C	~	28 pin	22	Red	(DATA)	Behind radio	~
SWI Feed	C	~	28 pin	23	Yellow	(-)	Behind radio	~

INSTALL GUIDE
SUBARU IMPREZA
BASE 2008-2013

RETAINS STEERING WHEEL CONTROLS AND ADDS GAUGES

PRODUCTS REQUIRED	OPTIONAL ACCESSORIES	PROGRAMMED FIRMWARE
iDatalink Maestro RR Radio Replacement Interface	None	ADS-RR(SI)-SUB01-DS
iDatalink Compatible Radio		

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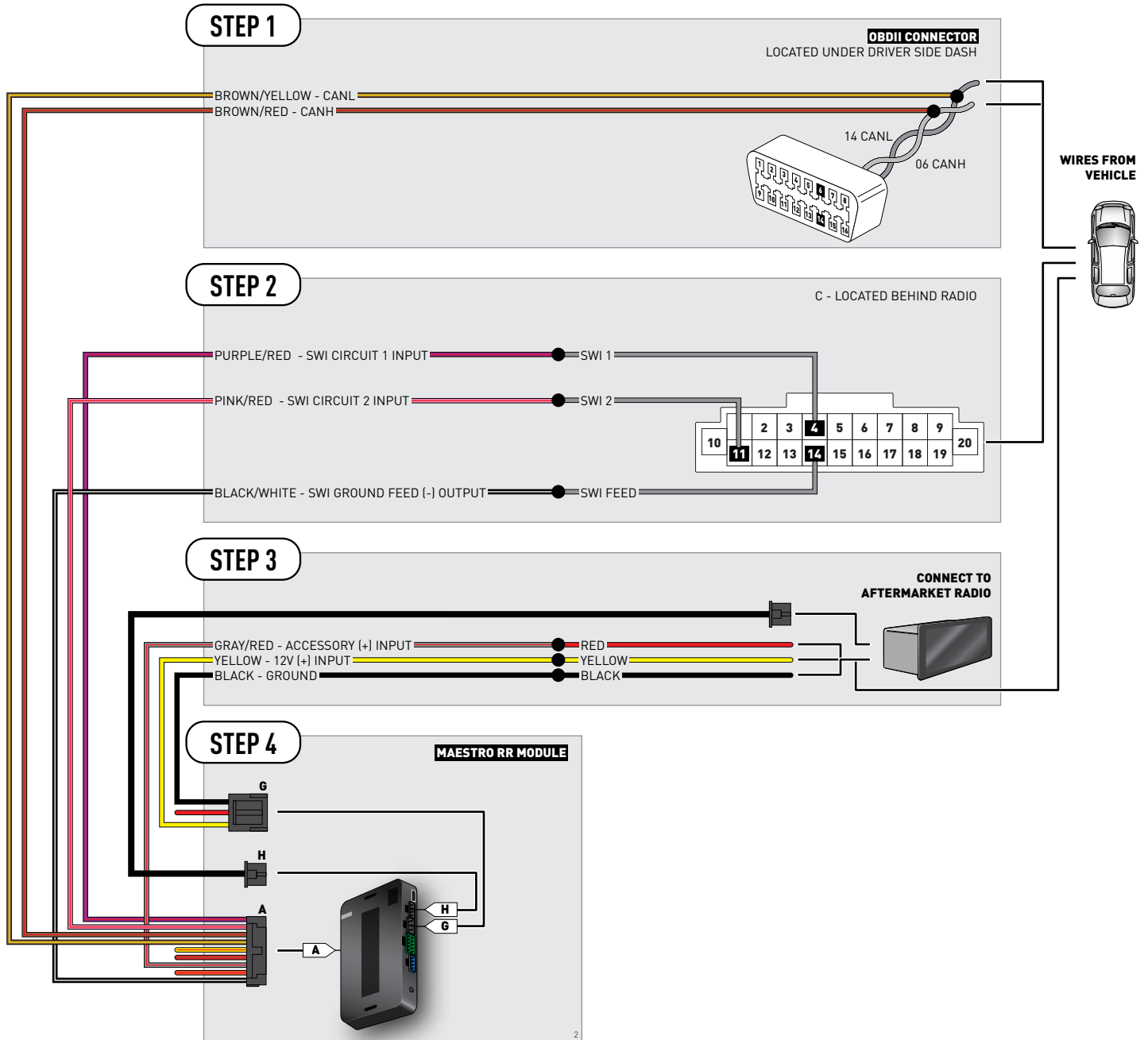# NEED HELP?

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WIRING DIAGRAM

STEP 1

OBDII CONNECTOR
LOCATED UNDER DRIVER SIDE DASH

BROWN/YELLOW - CANL
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14 CANL

06 CANH

WIRES FROM VEHICLE

STEP 2

C - LOCATED BEHIND RADIO

PURPLE/RED - SWI CIRCUIT 1 INPUT — SWI 1

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		12	13	14	15	16	17	18	19	

BLACK/WHITE - SWI GROUND FEED (-) OUTPUT — SWI FEED

STEP 3

CONNECT TO AFTERMARKET RADIO

GRAY/RED - ACCESSORY (+) INPUT — RED
YELLOW - 12V (+) INPUT — YELLOW
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MAESTRO RR MODULE

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SWI 1	C	~	20 pin	04	Brown	(DATA)	Behind radio	~
SWI 2	C	~	20 pin	11	Blue/White	(DATA)	Behind radio	~
SWI Feed	C	~	20 pin	14	Yellow	(-)	Behind radio	~

INSTALL GUIDE
SUBARU LEGACY
BASE 2007-2008

RETAINS STEERING WHEEL CONTROLS AND ADDS GAUGES

PRODUCTS REQUIRED	OPTIONAL ACCESSORIES	PROGRAMMED FIRMWARE
iDatalink Maestro RR Radio Replacement Interface iDatalink Compatible Radio	None	ADS-RR(SI)-SUB01-DS

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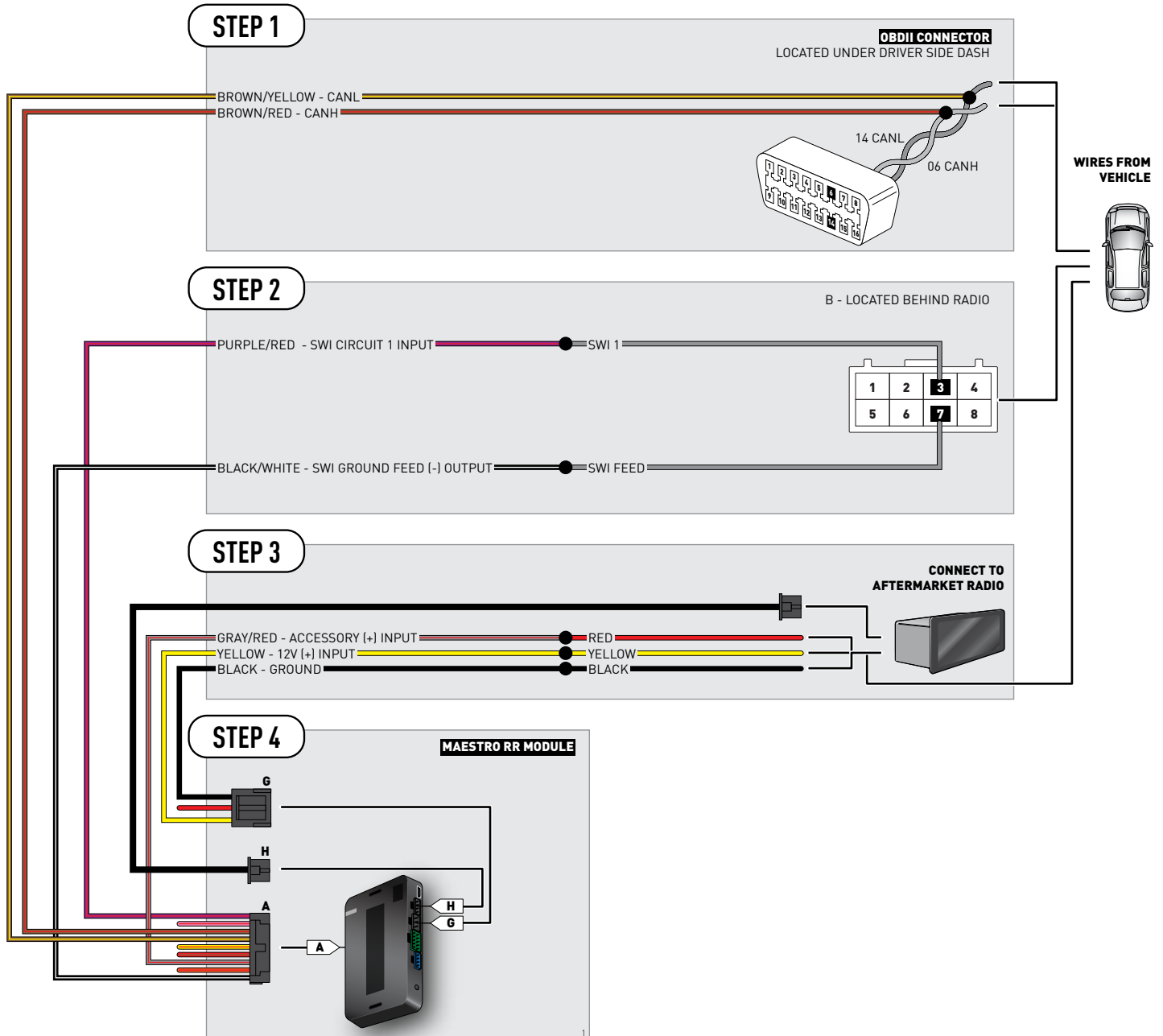
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DURING INSTALLATION

WIRING DIAGRAM

STEP 1

OBDII CONNECTOR
LOCATED UNDER DRIVER SIDE DASH

BROWN/YELLOW - CANL
BROWN/RED - CANH

14 CANL
06 CANH

WIRES FROM VEHICLE

STEP 2

B - LOCATED BEHIND RADIO

PURPLE/RED - SWI CIRCUIT 1 INPUT — SWI 1

1	2	3	4
5	6	7	8

BLACK/WHITE - SWI GROUND FEED (-) OUTPUT — SWI FEED

STEP 3

CONNECT TO AFTERMARKET RADIO

GRAY/RED - ACCESSORY (+) INPUT — RED
YELLOW - 12V (+) INPUT — YELLOW
BLACK - GROUND — BLACK

STEP 4

MAESTRO RR MODULE

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VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Module Location	Component Locator
CanH	A	~	16 pin	06	Red	(DATA)	OBDII connector, under driver side dash	~
CanL	A	~	16 pin	14	Blue	(DATA)	OBDII connector, under driver side dash	~
SWI 1	B	~	08 pin	02	Violet/White	(DATA)	Behind radio	~
SWI Feed	B	~	08 pin	12	Orange/White	(-)	Behind radio	~

INSTALL GUIDE
SUBARU LEGACY
BASE 2009-2013

RETAINS STEERING WHEEL CONTROLS AND ADDS GAUGES

PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Compatible Radio

OPTIONAL ACCESSORIES

None

PROGRAMMED FIRMWARE

ADS-RR(SI)-SUB01-DS

WELCOME

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DURING INSTALLATION

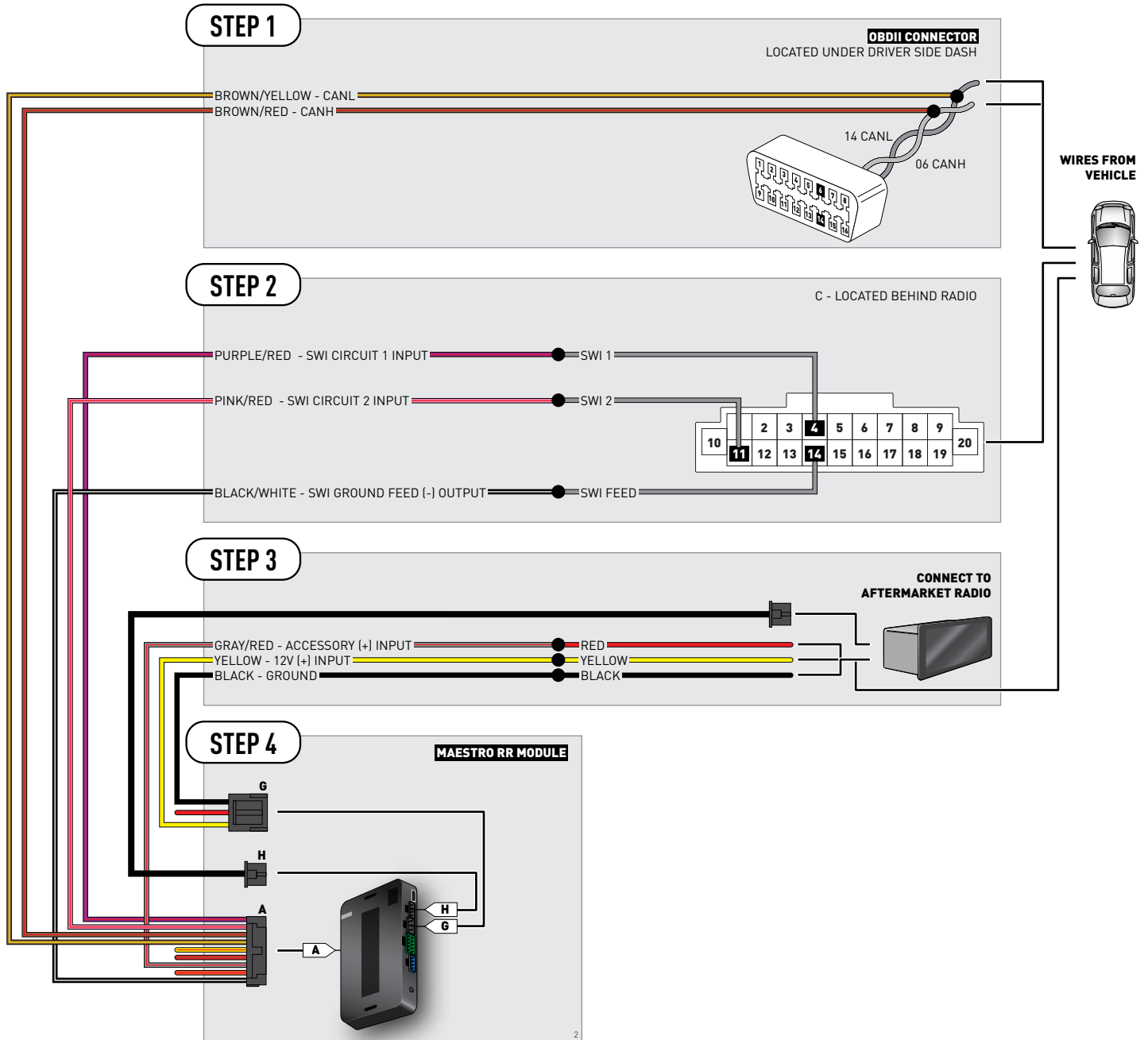# NEED HELP?

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WIRING DIAGRAM

STEP 1

OBDII CONNECTOR
LOCATED UNDER DRIVER SIDE DASH

BROWN/YELLOW - CANL
BROWN/RED - CANH

14 CANL
06 CANH

WIRES FROM VEHICLE

STEP 2

C - LOCATED BEHIND RADIO

PURPLE/RED - SWI CIRCUIT 1 INPUT — SWI 1

PINK/RED - SWI CIRCUIT 2 INPUT — SWI 2

10	11	2	3	4	5	6	7	8	9	20
		12	13	14	15	16	17	18	19	

BLACK/WHITE - SWI GROUND FEED (-) OUTPUT — SWI FEED

STEP 3

CONNECT TO AFTERMARKET RADIO

GRAY/RED - ACCESSORY (+) INPUT — RED
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STEP 4

MAESTRO RR MODULE

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VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Module Location	Component Locator
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SWI 1	C	~	20 pin	04	Violet/White	(DATA)	Behind radio	~
SWI 2	C	~	20 pin	11	Blue/White	(DATA)	Behind radio	~
SWI Feed	C	~	20 pin	14	Orange/White	(-)	Behind radio	~

maestro **Rr**

INSTALL GUIDE
SUBARU OUTBACK
BASE 2009-2013

RETAINS STEERING WHEEL CONTROLS AND ADDS GAUGES

PRODUCTS REQUIRED	OPTIONAL ACCESSORIES	PROGRAMMED FIRMWARE
iDatalink Maestro RR Radio Replacement Interface iDatalink Compatible Radio	None	ADS-RR(SI)-SUB01-DS

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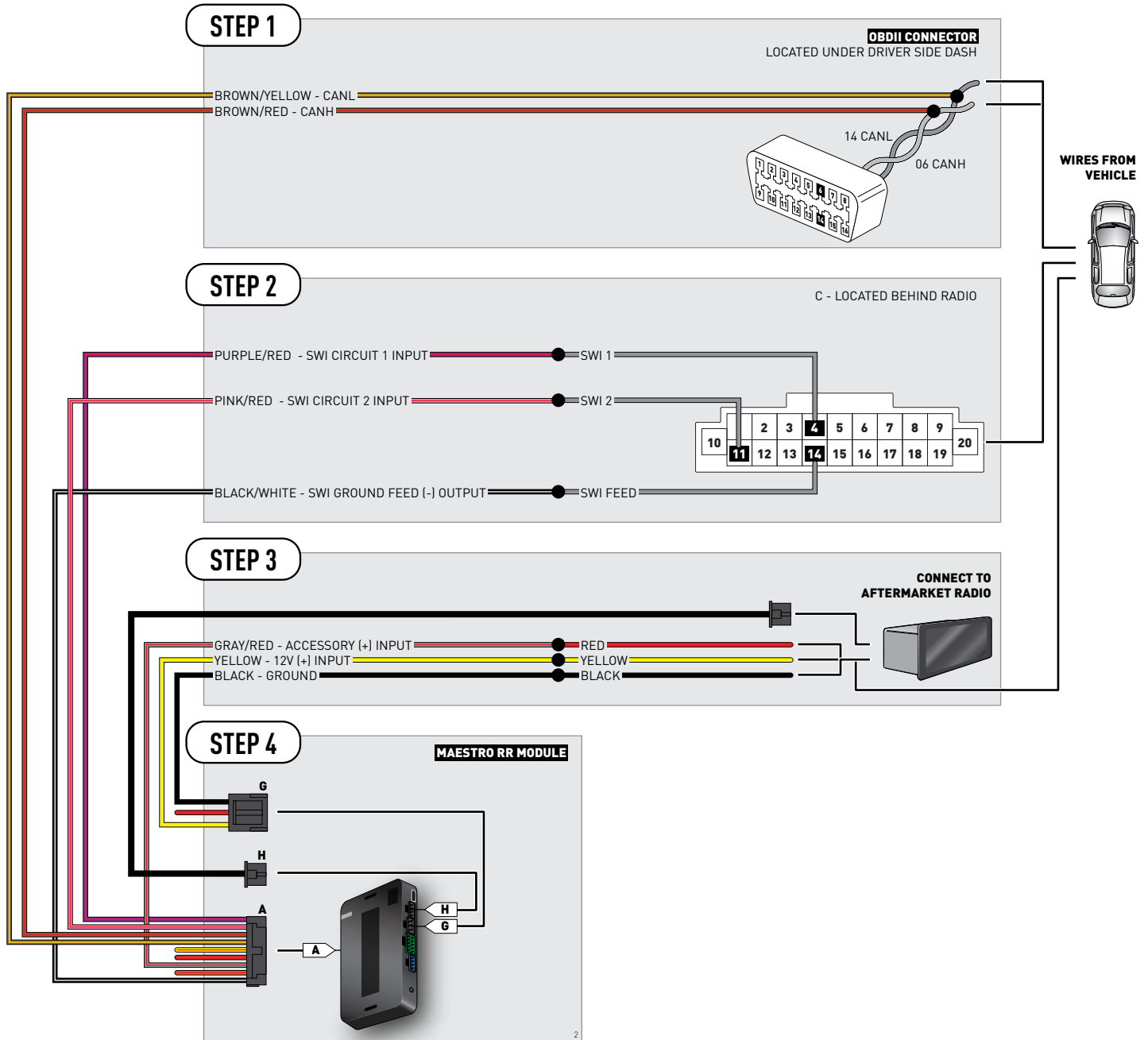# NEED HELP?

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14 CANL
06 CANH

WIRES FROM VEHICLE

STEP 2

C - LOCATED BEHIND RADIO

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PINK/RED - SWI CIRCUIT 2 INPUT — SWI 2

| 10 | 11 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 20 |
| | | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | |

BLACK/WHITE - SWI GROUND FEED (-) OUTPUT — SWI FEED

STEP 3

CONNECT TO AFTERMARKET RADIO

GRAY/RED - ACCESSORY (+) INPUT — RED
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STEP 4

MAESTRO RR MODULE

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VEHICLE WIRE REFERENCE CHART

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CanL	A	~	16 pin	14	Blue	(DATA)	OBDII connector, under driver side dash	~
SWI 1	C	~	20 pin	04	Violet/White	(DATA)	Behind radio	~
SWI 2	C	~	20 pin	11	Blue/White	(DATA)	Behind radio	~
SWI Feed	C	~	20 pin	14	Orange/White	(-)	Behind radio	~

![iDatalink maestro RR]

INSTALL GUIDE
SUBARU OUTBACK
NAV 2009-2013

RETAINS STEERING WHEEL CONTROLS AND ADDS GAUGES

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Compatible Radio

OPTIONAL ACCESSORIES
None

PROGRAMMED FIRMWARE
ADS-RR(SI)-SUB01-DS

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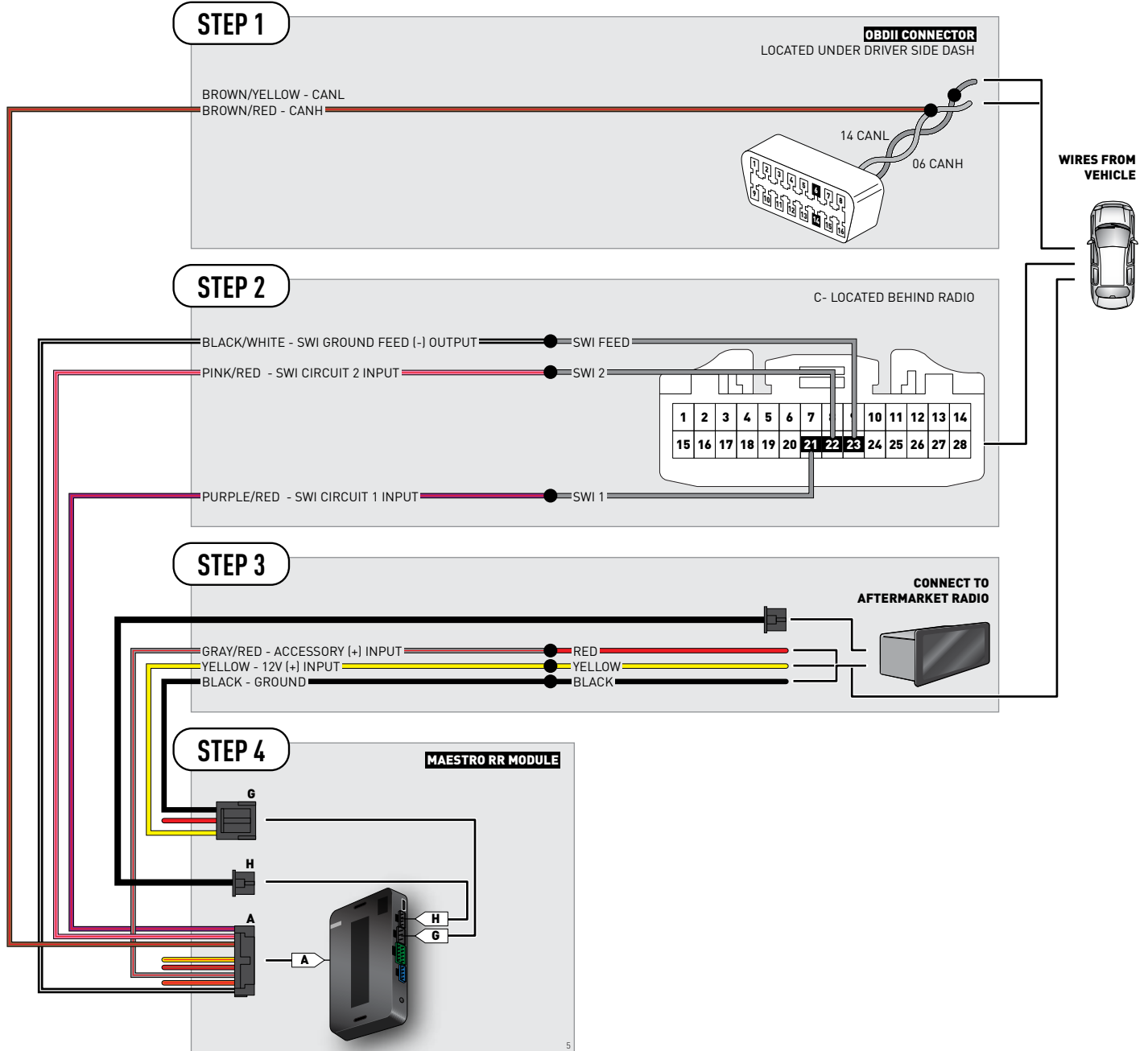
DURING INSTALLATION

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WIRING DIAGRAM

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Module Location	Component Locator
CanH	A	~	16 pin	06	Red	(DATA)	OBDII connector, under driver side dash	~
CanL	A	~	16 pin	14	Blue	(DATA)	OBDII connector, under driver side dash	~
SWI 1	C	~	28 pin	21	Violet/White	(DATA)	Behind radio	~
SWI 2	C	~	28 pin	22	Blue/White	(DATA)	Behind radio	~
SWI Feed	C	~	28 pin	23	Orange/White	(-)	Behind radio	~

INSTALL GUIDE
SUBARU TRIBECA
BASE 2007-2013

RETAINS STEERING WHEEL CONTROLS AND ADDS GAUGES

PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Compatible Radio

OPTIONAL ACCESSORIES

None

PROGRAMMED FIRMWARE

ADS-RR(SI)-SUB01-DS

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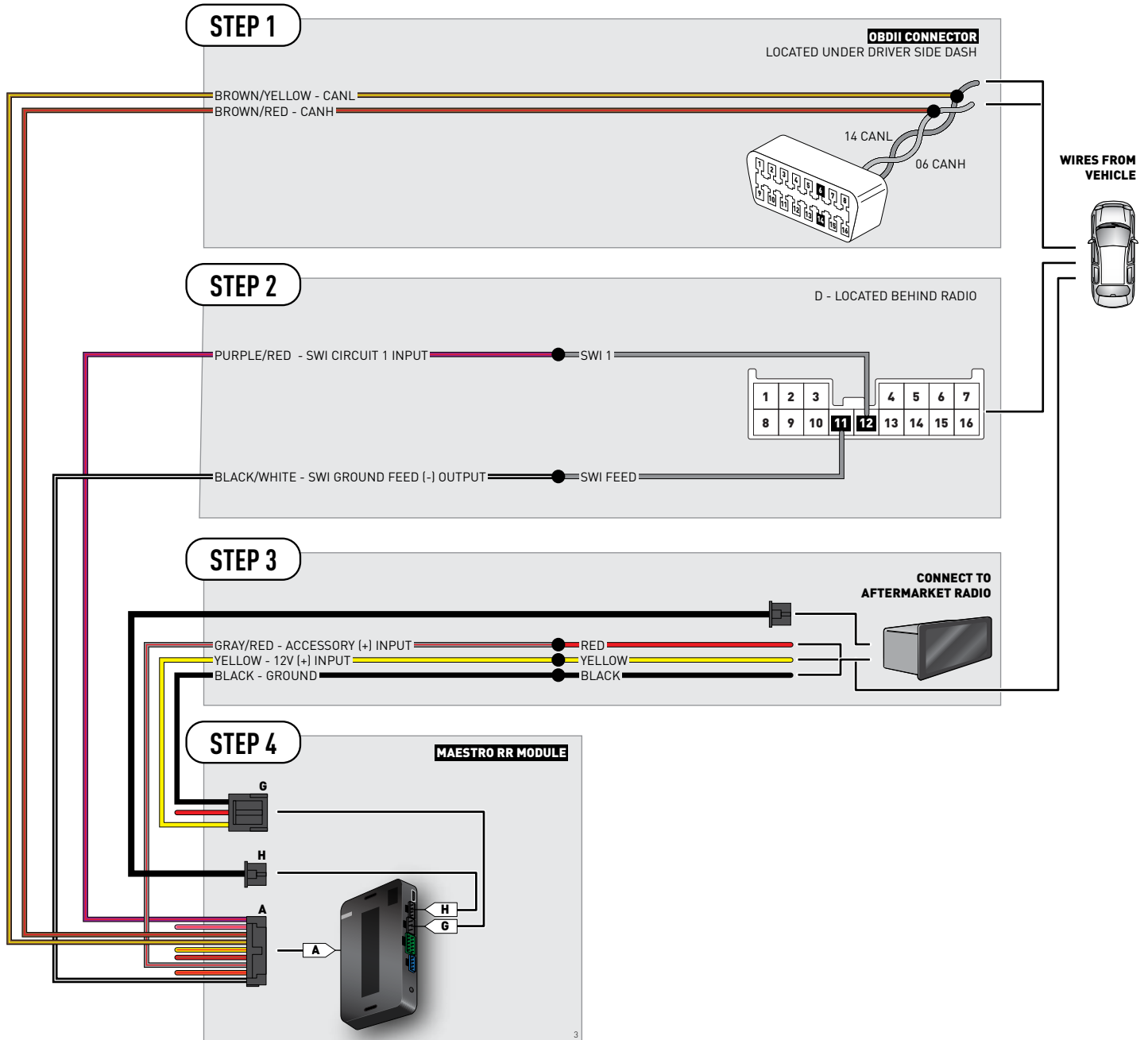
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DURING INSTALLATION

WIRING DIAGRAM

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Module Location	Component Locator
CanH	A	~	16 pin	06	Red	(DATA)	OBDII connector, under driver side dash	~
CanL	A	~	16 pin	14	Blue	(DATA)	OBDII connector, under driver side dash	~
SWI 1	D	~	16 pin	12	Orange/White	(DATA)	Behind radio	~
SWI Feed	D	~	16 pin	11	Violet/White	(-)	Behind radio	~

![iDatalink maestro Rr logo]

INSTALL GUIDE
SUBARU WRX
BASE 2008-2013

RETAINS STEERING WHEEL CONTROLS AND ADDS GAUGES

PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Compatible Radio

OPTIONAL ACCESSORIES

None

PROGRAMMED FIRMWARE

ADS-RR(SI)-SUB01-DS

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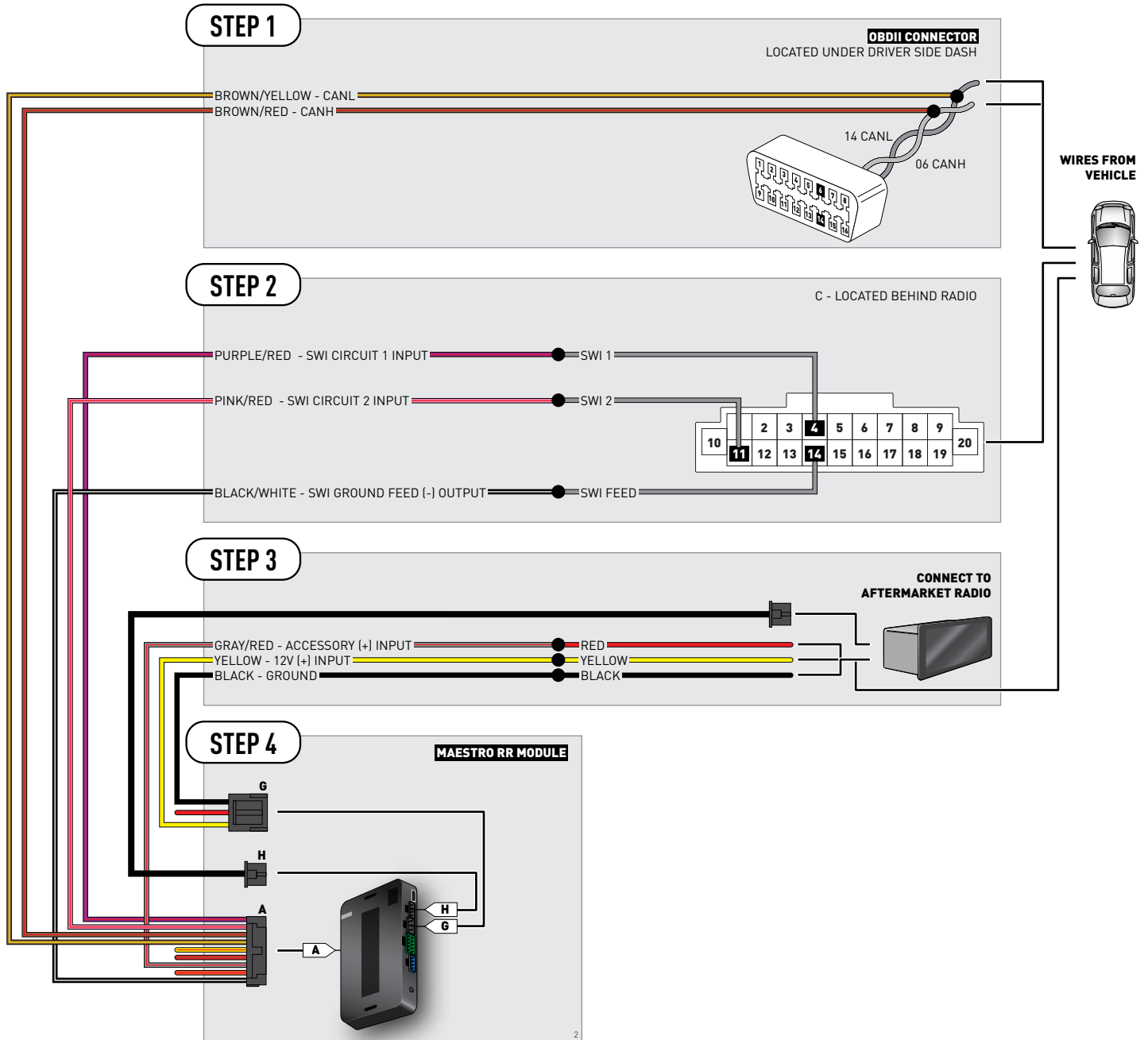# NEED HELP?

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WIRING DIAGRAM

STEP 1

OBDII CONNECTOR
LOCATED UNDER DRIVER SIDE DASH

BROWN/YELLOW - CANL
BROWN/RED - CANH

14 CANL
06 CANH

WIRES FROM VEHICLE

STEP 2

C - LOCATED BEHIND RADIO

PURPLE/RED - SWI CIRCUIT 1 INPUT — SWI 1

PINK/RED - SWI CIRCUIT 2 INPUT — SWI 2

10	11	2	3	4	5	6	7	8	9	20
		12	13	14	15	16	17	18	19	

BLACK/WHITE - SWI GROUND FEED (-) OUTPUT — SWI FEED

STEP 3

CONNECT TO AFTERMARKET RADIO

GRAY/RED - ACCESSORY (+) INPUT — RED
YELLOW - 12V (+) INPUT — YELLOW
BLACK - GROUND — BLACK

STEP 4

MAESTRO RR MODULE

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VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Module Location	Component Locator
CanH	A	~	16 pin	06	Red	(DATA)	OBDII connector, under driver side dash	~
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SWI 1	C	~	20 pin	04	Brown	(DATA)	Behind radio	~
SWI 2	C	~	20 pin	11	Blue/White	(DATA)	Behind radio	~
SWI Feed	C	~	20 pin	14	Yellow	(-)	Behind radio	~

INSTALL GUIDE
SUBARU WRX
NAV 2012-2013

RETAINS STEERING WHEEL CONTROLS AND ADDS GAUGES

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Compatible Radio

OPTIONAL ACCESSORIES
None

PROGRAMMED FIRMWARE
ADS-RR(SI)-SUB01-DS

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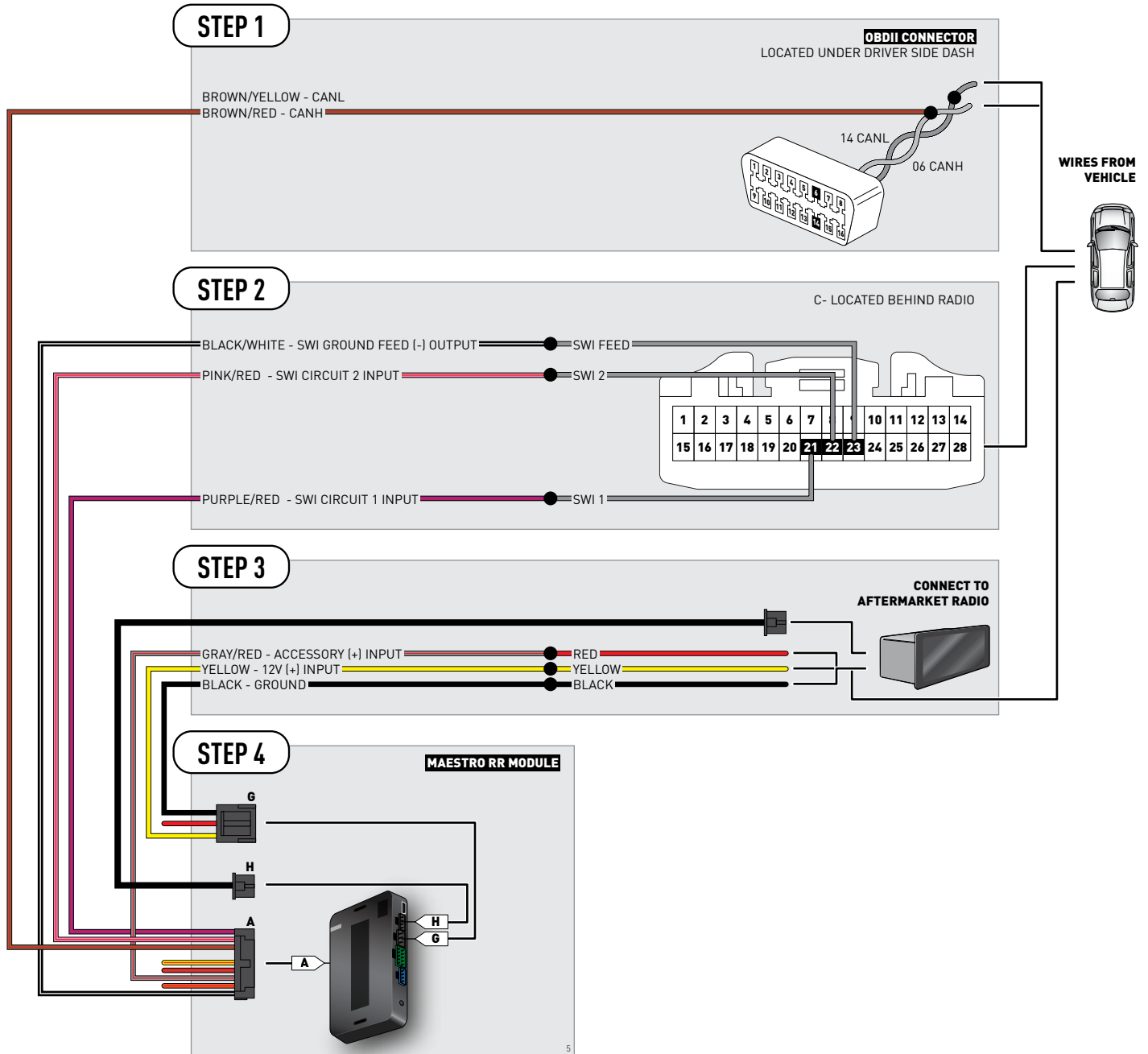
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DURING INSTALLATION

WIRING DIAGRAM

STEP 1

LOCATED UNDER DRIVER SIDE DASH

BROWN/YELLOW - CANL
BROWN/RED - CANH

14 CANL
06 CANH

WIRES FROM VEHICLE

STEP 2

C- LOCATED BEHIND RADIO

BLACK/WHITE - SWI GROUND FEED (-) OUTPUT — SWI FEED

PINK/RED - SWI CIRCUIT 2 INPUT — SWI 2

1	2	3	4	5	6	7	8	9	10	11	12	13	14
15	16	17	18	19	20	21	22	23	24	25	26	27	28

PURPLE/RED - SWI CIRCUIT 1 INPUT — SWI 1

STEP 3

CONNECT TO AFTERMARKET RADIO

GRAY/RED - ACCESSORY (+) INPUT — RED
YELLOW - 12V (+) INPUT — YELLOW
BLACK - GROUND — BLACK

STEP 4

MAESTRO RR MODULE

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VEHICLE WIRE REFERENCE CHART

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SWI 1	C	~	28 pin	21	Brown	(DATA)	Behind radio	~
SWI 2	C	~	28 pin	22	Blue/White	(DATA)	Behind radio	~
SWI Feed	C	~	28 pin	23	Yellow	(-)	Behind radio	~

INSTALL GUIDE
SUBARU WRX STI
BASE 2008-2013

RETAINS STEERING WHEEL CONTROLS AND ADDS GAUGES

PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Compatible Radio

OPTIONAL ACCESSORIES

None

PROGRAMMED FIRMWARE

ADS-RR(SI)-SUB01-DS

WELCOME

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Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle as per the Getting Started section, and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

Please note that Maestro RR will only retain functionalities that were originally available in the vehicle.
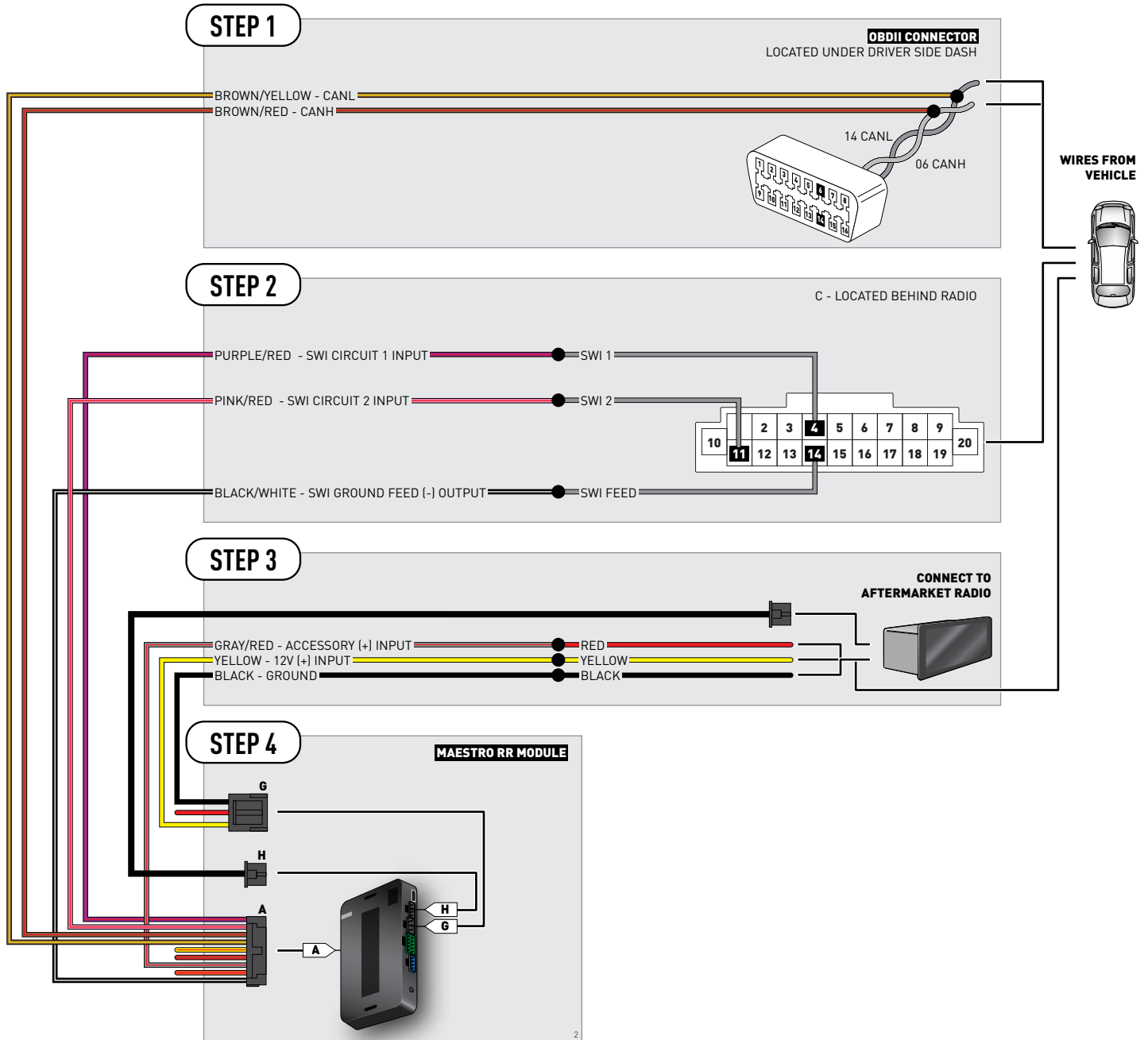
DURING INSTALLATION

NEED HELP?

📞 **1 866 427-2999**

✉ **support@idatalink.com**

💬 **maestro.idatalink.com/support**
www.12voltdata.com/forum

WIRING DIAGRAM

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Module Location	Component Locator
CanH	A	~	16 pin	06	Red	(DATA)	OBDII connector, under driver side dash	~
CanL	A	~	16 pin	14	Blue	(DATA)	OBDII connector, under driver side dash	~
SWI 1	C	~	20 pin	04	Brown	(DATA)	Behind radio	~
SWI 2	C	~	20 pin	11	Blue/White	(DATA)	Behind radio	~
SWI Feed	C	~	20 pin	14	Yellow	(-)	Behind radio	~

maestro *Rr*

INSTALL GUIDE
SUBARU WRX STI
NAV 2012-2013

RETAINS STEERING WHEEL CONTROLS AND ADDS GAUGES

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Compatible Radio

OPTIONAL ACCESSORIES
None

PROGRAMMED FIRMWARE
ADS-RR(SI)-SUB01-DS

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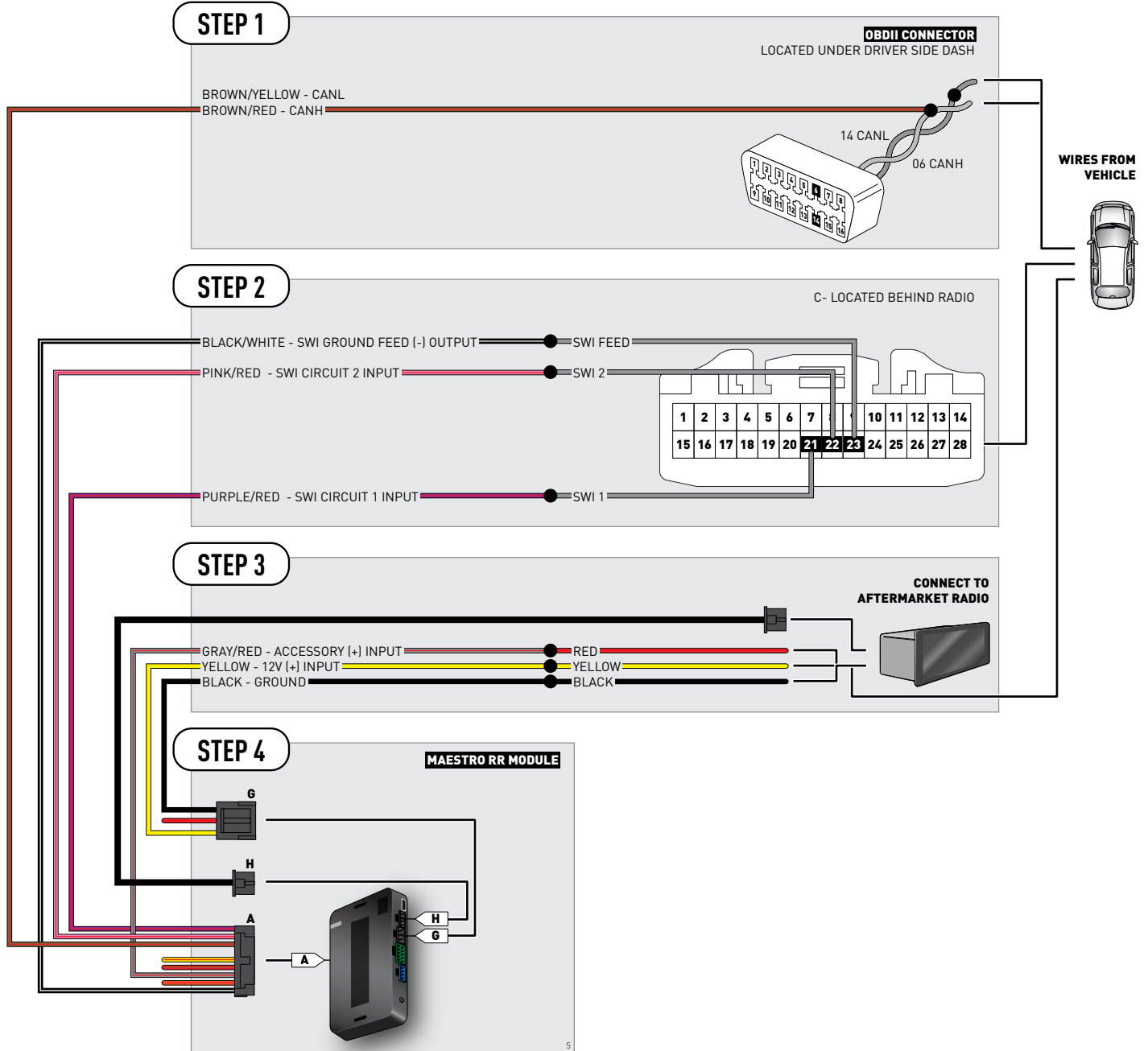
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DURING INSTALLATION

WIRING DIAGRAM

STEP 1

OBDII CONNECTOR
LOCATED UNDER DRIVER SIDE DASH

BROWN/YELLOW - CANL
BROWN/RED - CANH

14 CANL
06 CANH

WIRES FROM VEHICLE

STEP 2

C- LOCATED BEHIND RADIO

BLACK/WHITE - SWI GROUND FEED (-) OUTPUT — SWI FEED

PINK/RED - SWI CIRCUIT 2 INPUT — SWI 2

1	2	3	4	5	6	7	8	9	10	11	12	13	14
15	16	17	18	19	20	21	22	23	24	25	26	27	28

PURPLE/RED - SWI CIRCUIT 1 INPUT — SWI 1

STEP 3

CONNECT TO AFTERMARKET RADIO

GRAY/RED - ACCESSORY (+) INPUT — RED
YELLOW - 12V (+) INPUT — YELLOW
BLACK - GROUND — BLACK

STEP 4

MAESTRO RR MODULE

G

H

A

H
G
A

5

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Module Location	Component Locator
CanH	A	~	16 pin	06	Red	(DATA)	OBDII connector, under driver side dash	~
CanL	A	~	16 pin	14	Blue	(DATA)	OBDII connector, under driver side dash	~
SWI 1	C	~	28 pin	21	Brown	(DATA)	Behind radio	~
SWI 2	C	~	28 pin	22	Blue/White	(DATA)	Behind radio	~
SWI Feed	C	~	28 pin	23	Yellow	(-)	Behind radio	~