iDatalink maestro **Rockford Fosgate**

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 DSR1 module 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.

maestro

INSTALL GUIDE
FORD EDGE
2011-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,
WITHOUT CHANGING YOUR RADIO.

Rockford Fosgate®

PRODUCTS REQUIRED	OPTIONAL ACCESSORIES	PROGRAMMED FIRMWARE
Rockford Fosgate DSR1 iDatalink Maestro aFO2 Installation Harness		ADS-DSR1-FOR02

WELCOME

Congratulations on the purchase of your iDatalink Maestro / Rockford Fosgate DSR1 Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

Before starting your installation, please ensure that your module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

NEED HELP?

📞 **1 866 427-2999**

✉ **support@idatalink.com**

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

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INSTALLATION INSTRUCTIONS

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aFO2 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the aFO2 T-harness.

STEP 3

- Connect the wires from the aFO2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the aFO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.
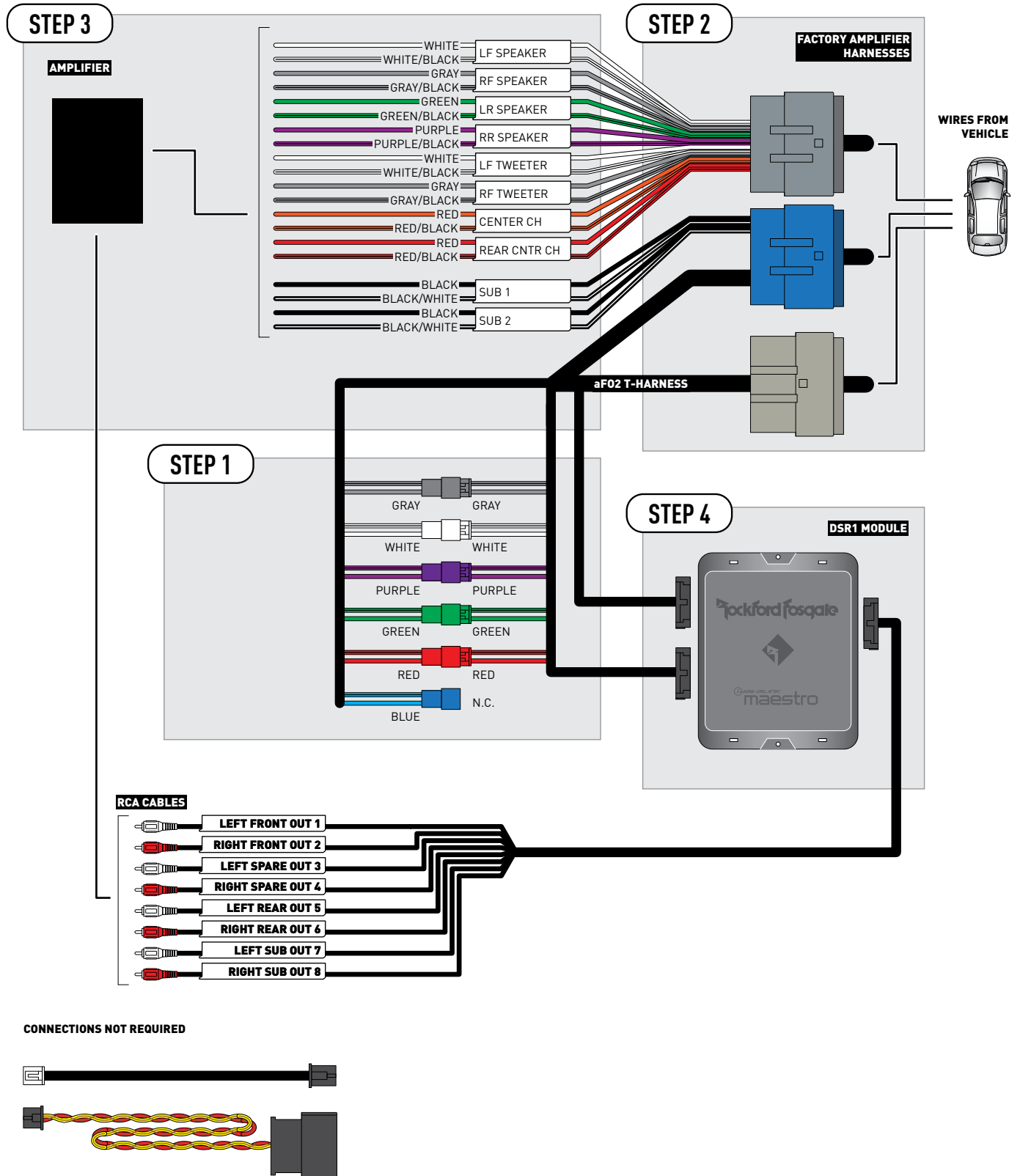
- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

- For technical assistance call 1-866-427-2999 or e-mail ˝support@idatalink.com˝. Visit us at ˝maestro.idatalink. com/support˝ and ˝www.12voltdata.com/forum/˝

WIRING DIAGRAM

STEP 3

AMPLIFIER

STEP 2

FACTORY AMPLIFIER HARNESSES

WIRES FROM VEHICLE

Wire	Destination
WHITE	LF SPEAKER
WHITE/BLACK	
GRAY	RF SPEAKER
GRAY/BLACK	
GREEN	LR SPEAKER
GREEN/BLACK	
PURPLE	RR SPEAKER
PURPLE/BLACK	
WHITE	LF TWEETER
WHITE/BLACK	
GRAY	RF TWEETER
GRAY/BLACK	
RED	CENTER CH
RED/BLACK	
RED	REAR CNTR CH
RED/BLACK	
BLACK	SUB 1
BLACK/WHITE	
BLACK	SUB 2
BLACK/WHITE	

aF02 T-HARNESS

STEP 1

GRAY	GRAY
WHITE	WHITE
PURPLE	PURPLE
GREEN	GREEN
RED	RED
BLUE	N.C.

STEP 4

DSR1 MODULE

Rockford Fosgate

maestro

RCA CABLES

- LEFT FRONT OUT 1
- RIGHT FRONT OUT 2
- LEFT SPARE OUT 3
- RIGHT SPARE OUT 4
- LEFT REAR OUT 5
- RIGHT REAR OUT 6
- LEFT SUB OUT 7
- RIGHT SUB OUT 8

CONNECTIONS NOT REQUIRED

1

VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	**Wire Color**	**Speaker Wire Description**	**Component Position**
LF SPEAKER	White	Left Front Speaker (+)	~
	White/Black	Left Front Speaker (-)	
LF TWEETER	White	Left Front Tweeter (+)	~
	White/Black	Left Front Tweeter (-)	
RF SPEAKER	Gray	Right Front Speaker (+)	~
	Gray/Black	Right Front Speaker (-)	
RF TWEETER	Gray	Right Front Tweeter (+)	~
	Gray/Black	Right Front Tweeter (-)	
LR SPEAKER	Green	Left Rear Speaker (+)	~
	Green/Black	Left Rear Speaker (-)	
RR SPEAKER	Purple	Right Rear Speaker (+)	~
	Purple/Black	Right Rear Speaker (-)	
REAR CNTR CH	Red	Rear Tweeter (+)	~
	Red/Black	Rear Tweeter (-)	
CENTER CH	Orange	Center Channel (+)	~
	Orange/Black	Center Channel (-)	
SUB 1	Black	Left Rear Subwoofer (+)	~
	Black/White	Left Rear Subwoofer (-)	
SUB 2	Black	Right Rear Subwoofer (+)	~
	Black/White	Right Rear Subwoofer (-)	

Note: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location

(2011-2014): Right C-pillar
(2015-2017): Behind left quarter panel

iDatalink maestro

INSTALL GUIDE
FORD ESCAPE
2013-2016

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.

Rockford Fosgate®

PRODUCTS REQUIRED	OPTIONAL ACCESSORIES	PROGRAMMED FIRMWARE
Rockford Fosgate DSR1		ADS-DSR1-FOR02
iDatalink Maestro aFO2 Installation Harness		

WELCOME

Congratulations on the purchase of your iDatalink Maestro / Rockford Fosgate DSR1 Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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Note 1:

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Note 2:

The amplifier output colors and labels on the aFO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.
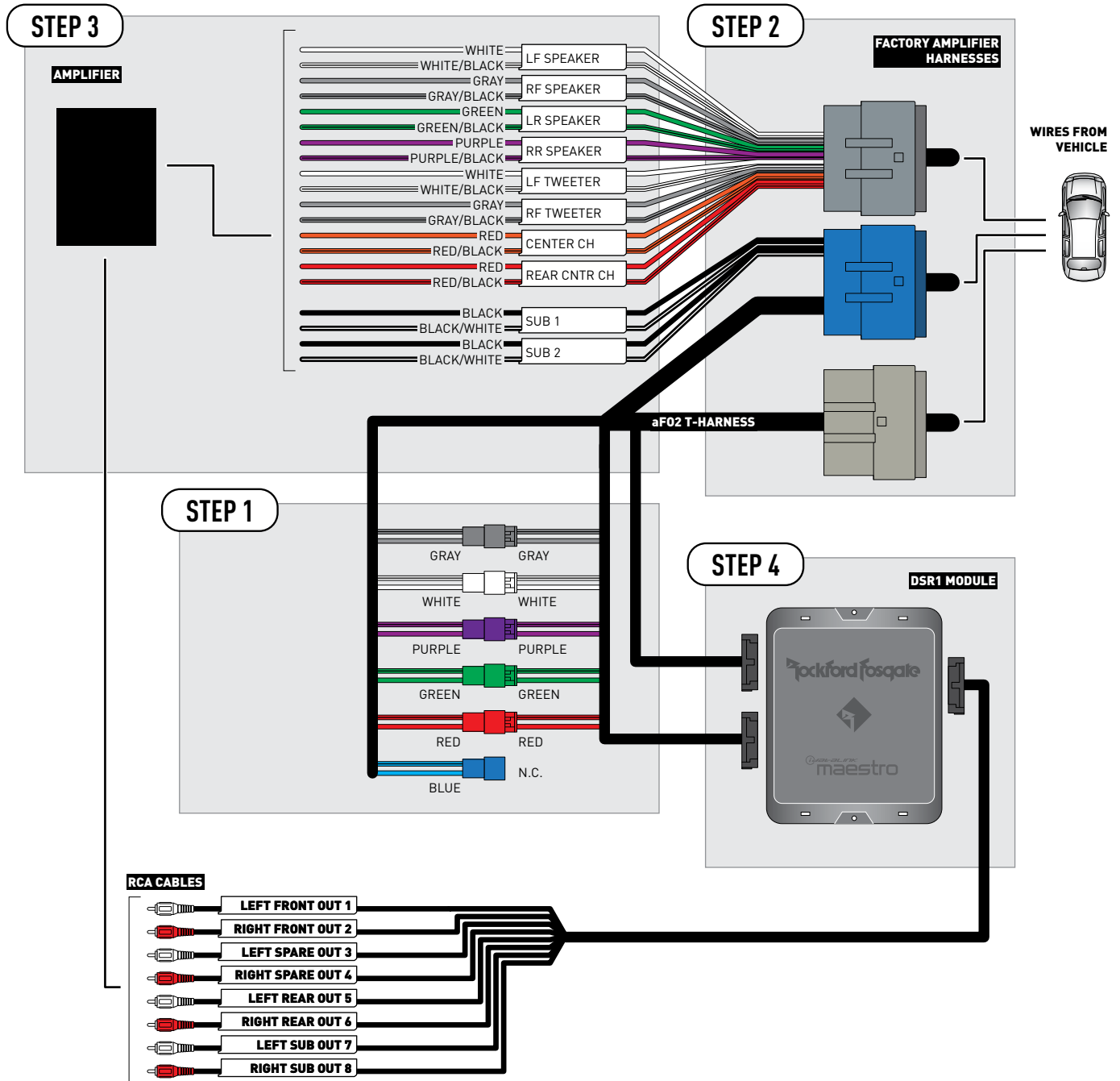
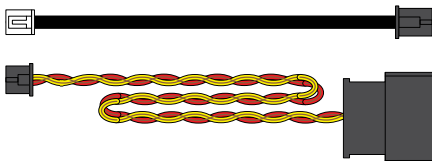- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

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WIRING DIAGRAM

STEP 3

AMPLIFIER

STEP 2

FACTORY AMPLIFIER HARNESSES

WHITE	LF SPEAKER
WHITE/BLACK	
GRAY	RF SPEAKER
GRAY/BLACK	
GREEN	LR SPEAKER
GREEN/BLACK	
PURPLE	RR SPEAKER
PURPLE/BLACK	
WHITE	LF TWEETER
WHITE/BLACK	
GRAY	RF TWEETER
GRAY/BLACK	
RED	CENTER CH
RED/BLACK	
RED	REAR CNTR CH
RED/BLACK	
BLACK	SUB 1
BLACK/WHITE	
BLACK	SUB 2
BLACK/WHITE	

WIRES FROM VEHICLE

aF02 T-HARNESS

STEP 1

GRAY	GRAY
WHITE	WHITE
PURPLE	PURPLE
GREEN	GREEN
RED	RED
BLUE	N.C.

STEP 4

DSR1 MODULE

Rockford Fosgate

maestro

RCA CABLES

- LEFT FRONT OUT 1
- RIGHT FRONT OUT 2
- LEFT SPARE OUT 3
- RIGHT SPARE OUT 4
- LEFT REAR OUT 5
- RIGHT REAR OUT 6
- LEFT SUB OUT 7
- RIGHT SUB OUT 8

CONNECTIONS NOT REQUIRED

1

VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	**Wire Color**	**Speaker Wire Description**	**Component Position**
LF SPEAKER	White	Left Front Speaker (+)	~
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LF TWEETER	White	Left Front Tweeter (+)	~
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RF SPEAKER	Gray	Right Front Speaker (+)	~
	Gray/Black	Right Front Speaker (-)	
RF TWEETER	Gray	Right Front Tweeter (+)	~
	Gray/Black	Right Front Tweeter (-)	
LR SPEAKER	Green	Left Rear Speaker (+)	~
	Green/Black	Left Rear Speaker (-)	
RR SPEAKER	Purple	Right Rear Speaker (+)	~
	Purple/Black	Right Rear Speaker (-)	
REAR CNTR CH	Red	n/a	~
	Red/Black	n/a	
CENTER CH	Orange	Center Channel (+)	~
	Orange/Black	Center Channel (-)	
SUB 1	Black	Left Rear Subwoofer (+)	~
	Black/White	Left Rear Subwoofer (-)	
SUB 2	Black	Right Rear Subwoofer (+)	~
	Black/White	Right Rear Subwoofer (-)	

Note: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location

Left front of luggage compartment

iDatalink maestro

INSTALL GUIDE
FORD EXPEDITION
2015-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.

Rockford Fosgate

PRODUCTS REQUIRED	OPTIONAL ACCESSORIES	PROGRAMMED FIRMWARE
Rockford Fosgate DSR1		ADS-DSR1-FOR02
iDatalink Maestro aFO2 Installation Harness		

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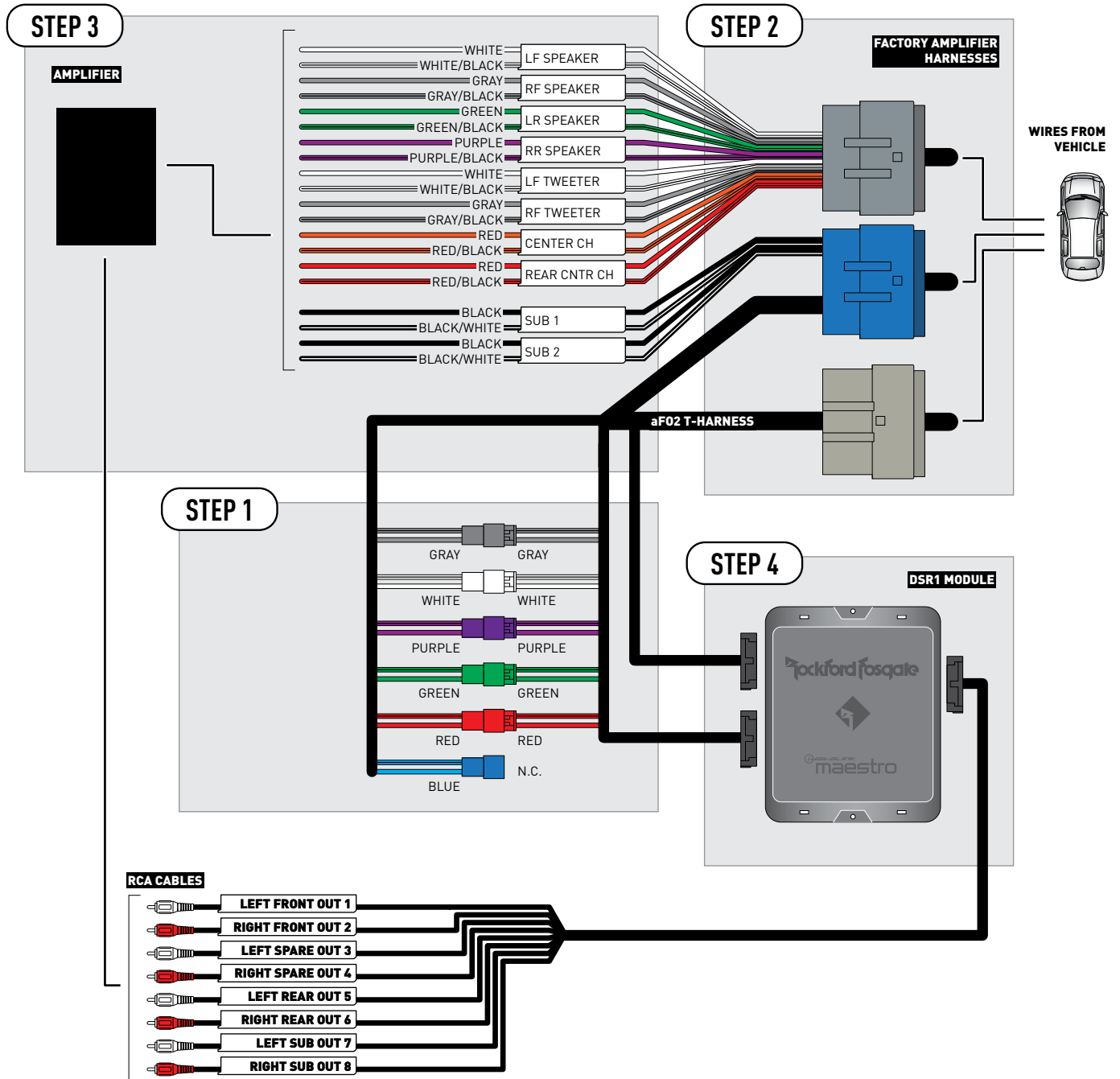
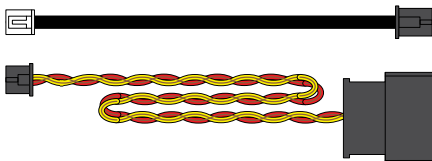- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

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WIRING DIAGRAM

STEP 3

AMPLIFIER

STEP 2

FACTORY AMPLIFIER HARNESSES

WIRES FROM VEHICLE

Wire	Label
WHITE	LF SPEAKER
WHITE/BLACK	
GRAY	RF SPEAKER
GRAY/BLACK	
GREEN	LR SPEAKER
GREEN/BLACK	
PURPLE	RR SPEAKER
PURPLE/BLACK	
WHITE	LF TWEETER
WHITE/BLACK	
GRAY	RF TWEETER
GRAY/BLACK	
RED	CENTER CH
RED/BLACK	
RED	REAR CNTR CH
RED/BLACK	
BLACK	SUB 1
BLACK/WHITE	
BLACK	SUB 2
BLACK/WHITE	

aF02 T-HARNESS

STEP 1

GRAY	GRAY
WHITE	WHITE
PURPLE	PURPLE
GREEN	GREEN
RED	RED
BLUE	N.C.

STEP 4

DSR1 MODULE

Rockford Fosgate

maestro

RCA CABLES

- LEFT FRONT OUT 1
- RIGHT FRONT OUT 2
- LEFT SPARE OUT 3
- RIGHT SPARE OUT 4
- LEFT REAR OUT 5
- RIGHT REAR OUT 6
- LEFT SUB OUT 7
- RIGHT SUB OUT 8

CONNECTIONS NOT REQUIRED

VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LF SPEAKER	White	Left Front Speaker (+)	~
	White/Black	Left Front Speaker (-)	
LF TWEETER	White	Left Front Tweeter (+)	~
	White/Black	Left Front Tweeter (-)	
RF SPEAKER	Gray	Right Front Speaker (+)	~
	Gray/Black	Right Front Speaker (-)	
RF TWEETER	Gray	Right Front Tweeter (+)	~
	Gray/Black	Right Front Tweeter (-)	
LR SPEAKER	Green	Left Rear Speaker (+)	~
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RR SPEAKER	Purple	Right Rear Speaker (+)	~
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CENTER CH	Orange	Center Channel (+)	~
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	Black/White	Right Rear Subwoofer (-)	

Note: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location

Behind left quarter panel

maestro

INSTALL GUIDE
FORD EXPLORER
2011-2015

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,
WITHOUT CHANGING YOUR RADIO.

Rockford Fosgate®

PRODUCTS REQUIRED	OPTIONAL ACCESSORIES	PROGRAMMED FIRMWARE
Rockford Fosgate DSR1		ADS-DSR1-FOR02
iDatalink Maestro aFO2 Installation Harness		

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INSTALLATION INSTRUCTIONS

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- Configure the 2 pin connectors on the aFO2 T-harness as shown on the wiring diagram.

STEP 2

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If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

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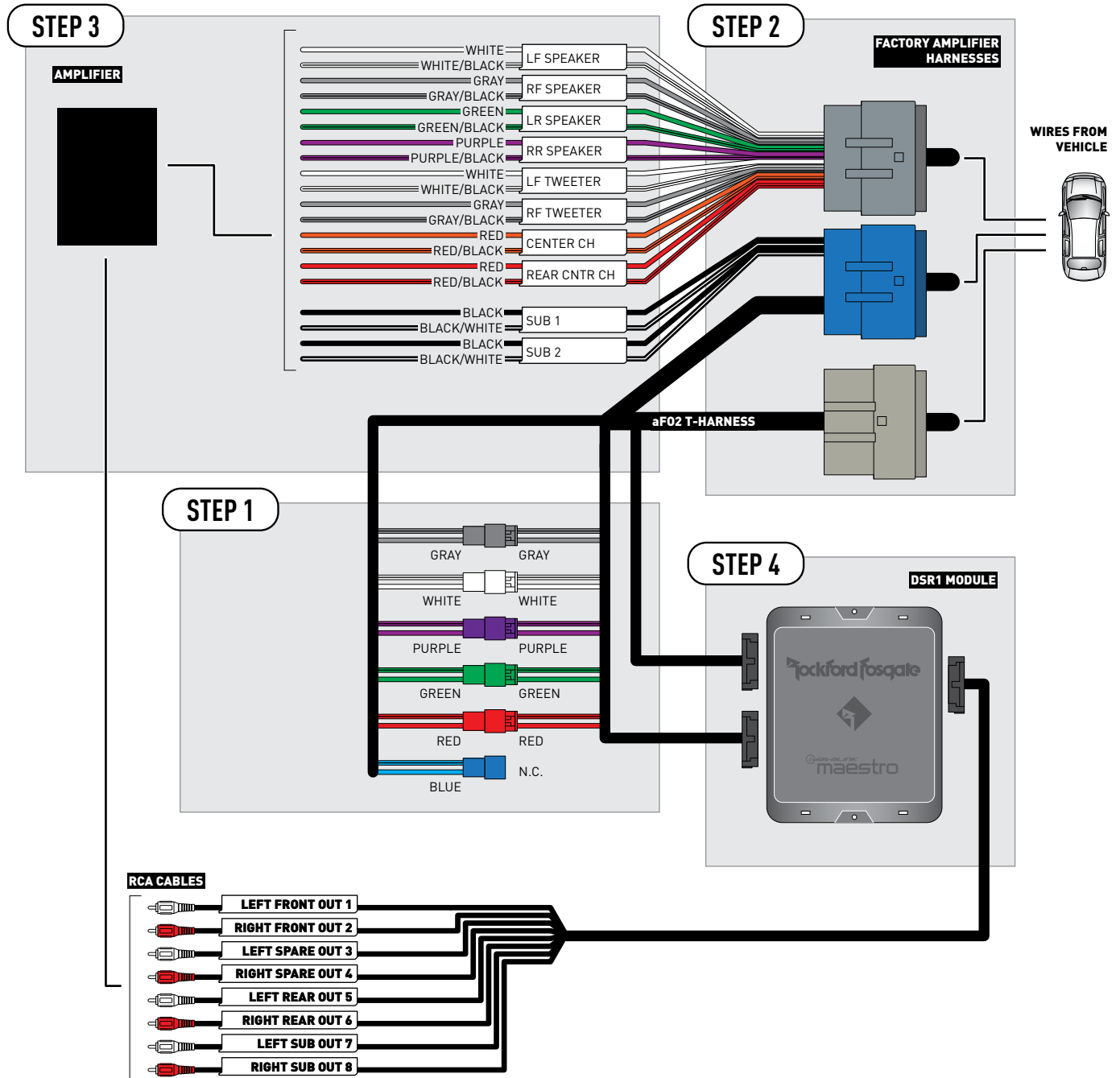
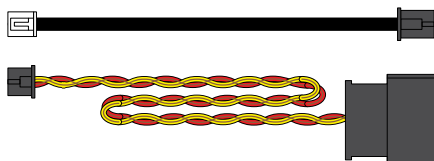- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

- For technical assistance call 1-866-427-2999 or e-mail ¨support@idatalink.com¨. Visit us at ¨maestro.idatalink.com/support¨ and ¨www.12voltdata.com/forum/¨

WIRING DIAGRAM

STEP 3

AMPLIFIER

STEP 2

FACTORY AMPLIFIER HARNESSES

WIRES FROM VEHICLE

Wire	Channel
WHITE	LF SPEAKER
WHITE/BLACK	
GRAY	RF SPEAKER
GRAY/BLACK	
GREEN	LR SPEAKER
GREEN/BLACK	
PURPLE	RR SPEAKER
PURPLE/BLACK	
WHITE	LF TWEETER
WHITE/BLACK	
GRAY	RF TWEETER
GRAY/BLACK	
RED	CENTER CH
RED/BLACK	
RED	REAR CNTR CH
RED/BLACK	
BLACK	SUB 1
BLACK/WHITE	
BLACK	SUB 2
BLACK/WHITE	

aFO2 T-HARNESS

STEP 1

GRAY	GRAY
WHITE	WHITE
PURPLE	PURPLE
GREEN	GREEN
RED	RED
BLUE	N.C.

STEP 4

DSR1 MODULE

Rockford Fosgate

maestro

RCA CABLES

- LEFT FRONT OUT 1
- RIGHT FRONT OUT 2
- LEFT SPARE OUT 3
- RIGHT SPARE OUT 4
- LEFT REAR OUT 5
- RIGHT REAR OUT 6
- LEFT SUB OUT 7
- RIGHT SUB OUT 8

CONNECTIONS NOT REQUIRED

VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	**Wire Color**	**Speaker Wire Description**	**Component Position**
LF SPEAKER	White	Left Front Speaker (+)	~
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LF TWEETER	White	Left Front Tweeter (+)	~
	White/Black	Left Front Tweeter (-)	
RF SPEAKER	Gray	Right Front Speaker (+)	~
	Gray/Black	Right Front Speaker (-)	
RF TWEETER	Gray	Right Front Tweeter (+)	~
	Gray/Black	Right Front Tweeter (-)	
LR SPEAKER	Green	Left Rear Speaker (+)	~
	Green/Black	Left Rear Speaker (-)	
RR SPEAKER	Purple	Right Rear Speaker (+)	~
	Purple/Black	Right Rear Speaker (-)	
REAR CNTR CH	Red	Mono Rear Tweeters (+)	~
	Red/Black	Mono Rear Tweeters (-)	
CENTER CH	Orange	Center Channel (+)	~
	Orange/Black	Center Channel (-)	
SUB 1	Black	Left Rear Subwoofer (+)	~
	Black/White	Left Rear Subwoofer (-)	
SUB 2	Black	Right Rear Subwoofer (+)	~
	Black/White	Right Rear Subwoofer (-)	

Note: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location

Base of right C-pillar

iDatalink maestro

INSTALL GUIDE
FORD EXPLORER
2016-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.

Rockford Fosgate.

PRODUCTS REQUIRED	OPTIONAL ACCESSORIES	PROGRAMMED FIRMWARE
Rockford Fosgate DSR1 iDatalink Maestro aFO2 Installation Harness		ADS-DSR1-FOR02

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STEP 1

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- Configure the 2 pin connectors on the aFO2 T-harness as shown on the wiring diagram.

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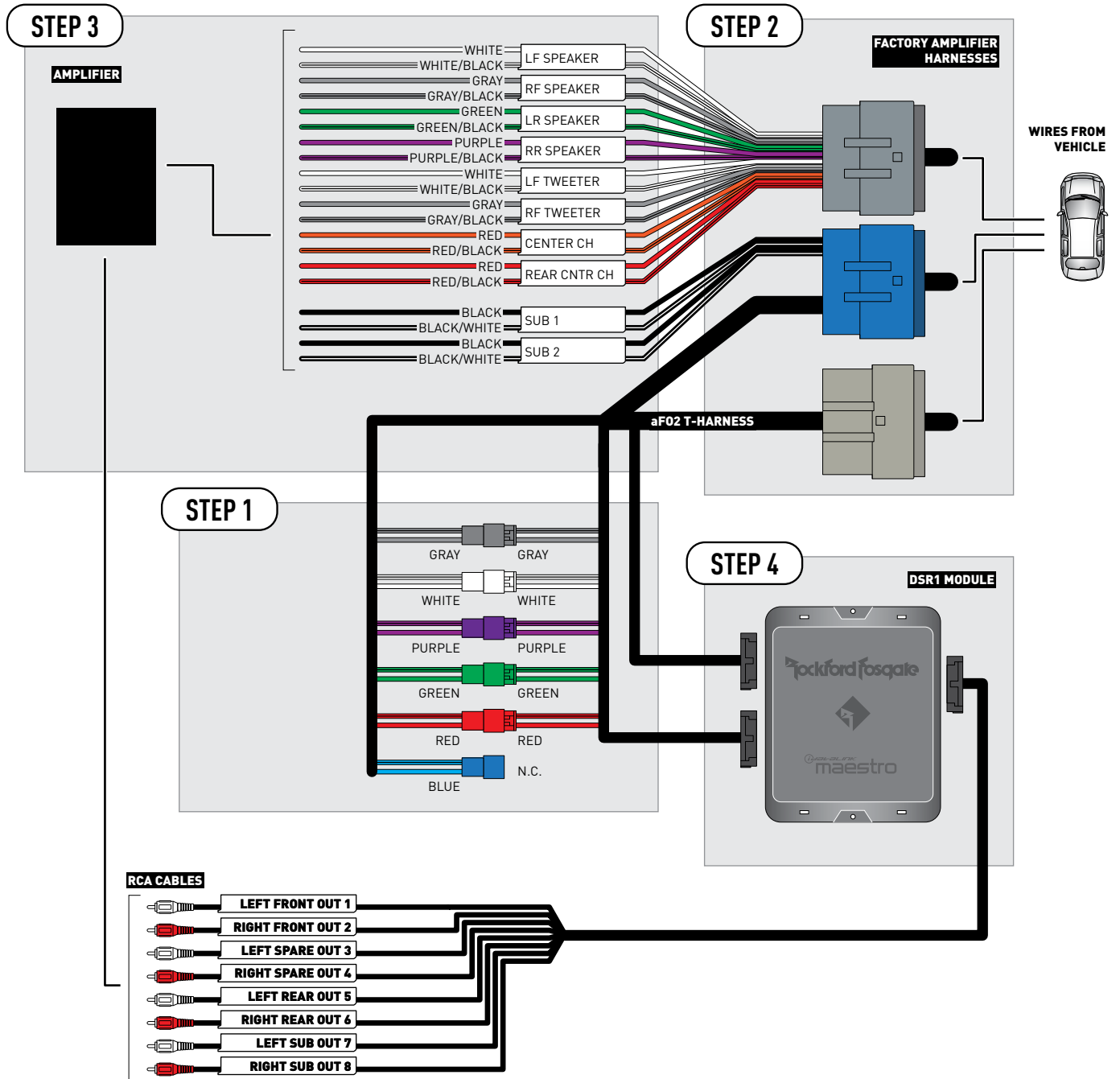- Plug the RCA cables in the aftermarket amplifier.

STEP 4

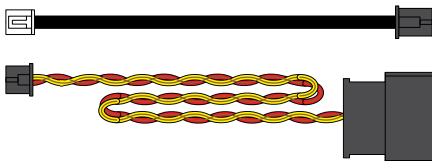- Connect all the harnesses to the DSR1 module.

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WIRING DIAGRAM

STEP 3

AMPLIFIER

STEP 2

FACTORY AMPLIFIER HARNESSES

Wire	Connection
WHITE	LF SPEAKER
WHITE/BLACK	
GRAY	RF SPEAKER
GRAY/BLACK	
GREEN	LR SPEAKER
GREEN/BLACK	
PURPLE	RR SPEAKER
PURPLE/BLACK	
WHITE	LF TWEETER
WHITE/BLACK	
GRAY	RF TWEETER
GRAY/BLACK	
RED	CENTER CH
RED/BLACK	
RED	REAR CNTR CH
RED/BLACK	
BLACK	SUB 1
BLACK/WHITE	
BLACK	SUB 2
BLACK/WHITE	

WIRES FROM VEHICLE

aFO2 T-HARNESS

STEP 1

Left	Right
GRAY	GRAY
WHITE	WHITE
PURPLE	PURPLE
GREEN	GREEN
RED	RED
BLUE	N.C.

STEP 4

DSR1 MODULE

Rockford Fosgate

maestro

RCA CABLES

- LEFT FRONT OUT 1
- RIGHT FRONT OUT 2
- LEFT SPARE OUT 3
- RIGHT SPARE OUT 4
- LEFT REAR OUT 5
- RIGHT REAR OUT 6
- LEFT SUB OUT 7
- RIGHT SUB OUT 8

CONNECTIONS NOT REQUIRED

VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
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	Orange/Black	Center Channel (-)	
SUB 1	Black	Left Rear Speaker (+)	~
	Black/White	Left Rear Speaker (-)	
SUB 2	Black	Right Rear Speaker (+)	~
	Black/White	Right Rear Speaker (-)	

Note 1: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Note 2: The wires for the subwoofer are not pinned in the FO2 harness.
Because the subwoofer is located near the factory amplifier, the wires can be connected directly at the subwoofer instead.

Amplifier location

Base of right C-pillar

iDatalink maestro

INSTALL GUIDE
FORD F150
2013-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,
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Rockford Fosgate®

PRODUCTS REQUIRED	OPTIONAL ACCESSORIES	PROGRAMMED FIRMWARE
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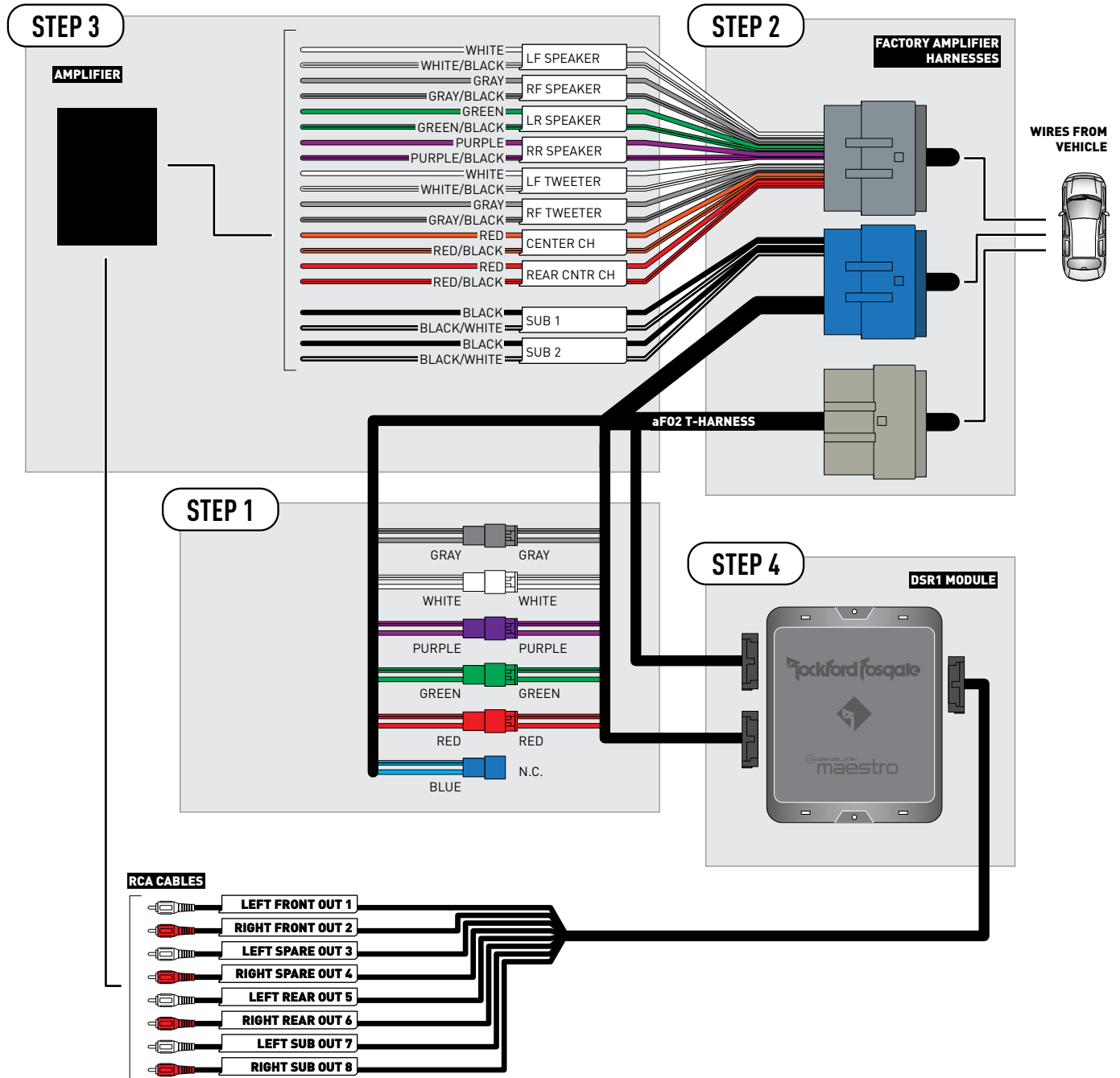
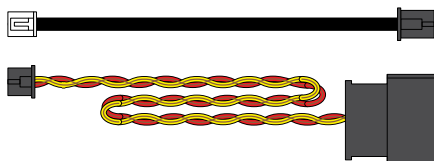- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"

WIRING DIAGRAM

STEP 3

AMPLIFIER

STEP 2

FACTORY AMPLIFIER HARNESSES

WIRES FROM VEHICLE

WHITE	LF SPEAKER
WHITE/BLACK	
GRAY	RF SPEAKER
GRAY/BLACK	
GREEN	LR SPEAKER
GREEN/BLACK	
PURPLE	RR SPEAKER
PURPLE/BLACK	
WHITE	LF TWEETER
WHITE/BLACK	
GRAY	RF TWEETER
GRAY/BLACK	
RED	CENTER CH
RED/BLACK	
RED	REAR CNTR CH
RED/BLACK	
BLACK	SUB 1
BLACK/WHITE	
BLACK	SUB 2
BLACK/WHITE	

aF02 T-HARNESS

STEP 1

GRAY	GRAY
WHITE	WHITE
PURPLE	PURPLE
GREEN	GREEN
RED	RED
BLUE	N.C.

STEP 4

DSR1 MODULE

Rockford Fosgate

maestro

RCA CABLES

LEFT FRONT OUT 1
RIGHT FRONT OUT 2
LEFT SPARE OUT 3
RIGHT SPARE OUT 4
LEFT REAR OUT 5
RIGHT REAR OUT 6
LEFT SUB OUT 7
RIGHT SUB OUT 8

CONNECTIONS NOT REQUIRED

VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LF SPEAKER	White	Left Front Speaker (+)	~
	White/Black	Left Front Speaker (-)	
LF TWEETER	White	Left Front Tweeter (+)	~
	White/Black	Left Front Tweeter (-)	
RF SPEAKER	Gray	Right Front Speaker (+)	~
	Gray/Black	Right Front Speaker (-)	
RF TWEETER	Gray	Right Front Tweeter (+)	~
	Gray/Black	Right Front Tweeter (-)	
LR SPEAKER	Green	Left Rear Speaker (+)	~
	Green/Black	Left Rear Speaker (-)	
RR SPEAKER	Purple	Right Rear Speaker (+)	~
	Purple/Black	Right Rear Speaker (-)	
REAR CNTR CH	Red	n/a	~
	Red/Black	n/a	
CENTER CH	Orange	Center Channel (+)	~
	Orange/Black	Center Channel (-)	
SUB 1	Black	Left Rear Subwoofer (+)	~
	Black/White	Left Rear Subwoofer (-)	
SUB 2	Black	Right Rear Subwoofer (+)	~
	Black/White	Right Rear Subwoofer (-)	

Note: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location

(2013-2014) : Under center console

(2015-2017 regular cab) : Base of left B-pillar

(2015-2017 Super cab/Crew cab) : Base of left C-pillar

INSTALL GUIDE
FORD F250
2013-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.

PRODUCTS REQUIRED
Rockford Fosgate DSR1
iDatalink Maestro aFO2 Installation Harness

OPTIONAL ACCESSORIES

PROGRAMMED FIRMWARE
ADS-DSR1-FOR02

WELCOME

Congratulations on the purchase of your iDatalink Maestro / Rockford Fosgate DSR1 Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

Before starting your installation, please ensure that your module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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NEED HELP?

📞 **1 866 427-2999**

✉ **support@idatalink.com**

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

INSTALLATION INSTRUCTIONS

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aFO2 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the aFO2 T-harness.

STEP 3

- Connect the wires from the aFO2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the aFO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.
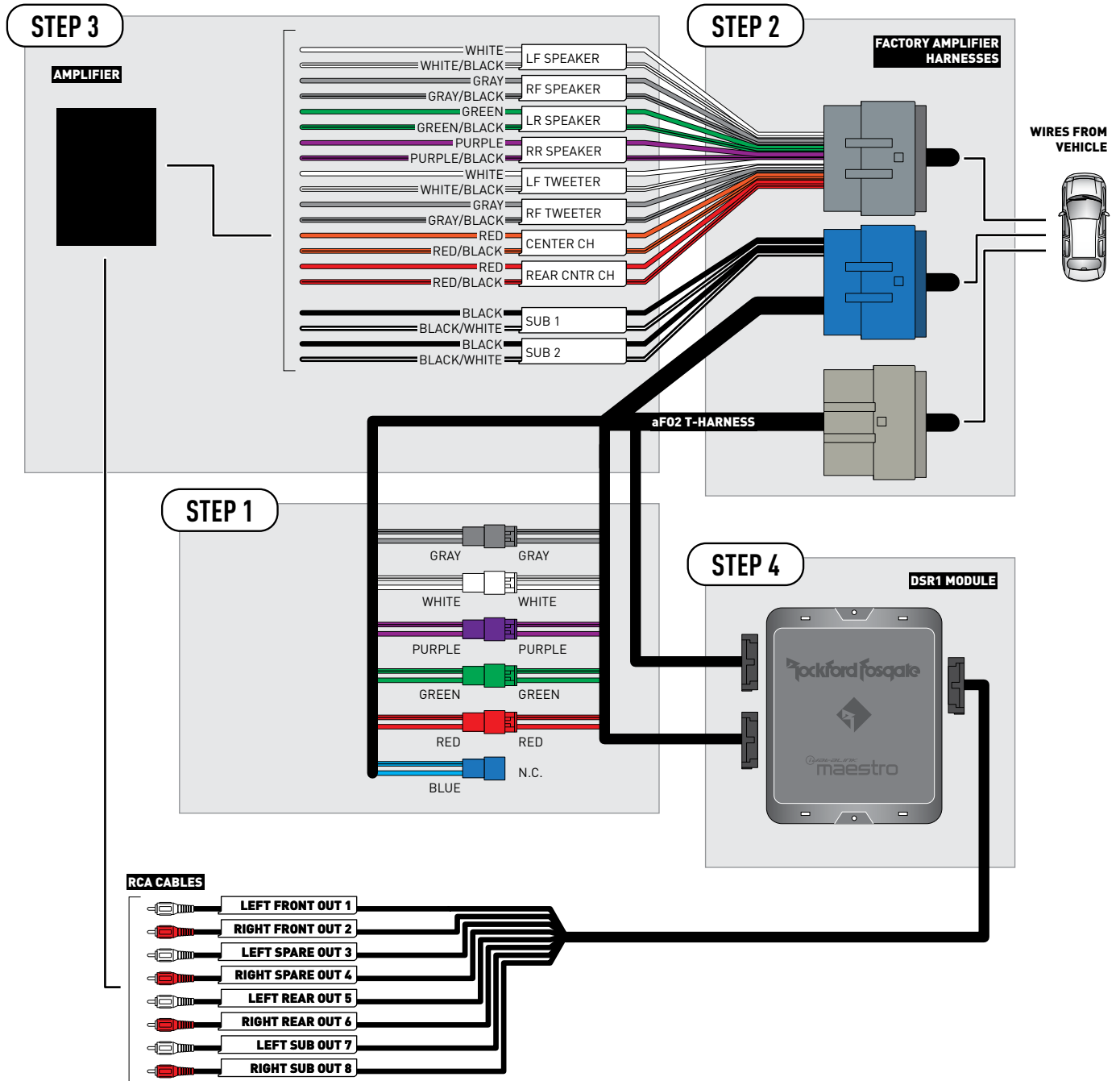
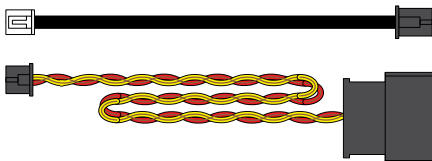- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"

WIRING DIAGRAM

STEP 3

AMPLIFIER

STEP 2

FACTORY AMPLIFIER HARNESSES

WIRES FROM VEHICLE

WHITE — LF SPEAKER
WHITE/BLACK
GRAY — RF SPEAKER
GRAY/BLACK
GREEN — LR SPEAKER
GREEN/BLACK
PURPLE — RR SPEAKER
PURPLE/BLACK
WHITE — LF TWEETER
WHITE/BLACK
GRAY — RF TWEETER
GRAY/BLACK
RED — CENTER CH
RED/BLACK
RED — REAR CNTR CH
RED/BLACK

BLACK — SUB 1
BLACK/WHITE
BLACK — SUB 2
BLACK/WHITE

aF02 T-HARNESS

STEP 1

GRAY   GRAY
WHITE   WHITE
PURPLE   PURPLE
GREEN   GREEN
RED   RED
BLUE   N.C.

STEP 4

DSR1 MODULE

Rockford Fosgate
maestro

RCA CABLES

LEFT FRONT OUT 1
RIGHT FRONT OUT 2
LEFT SPARE OUT 3
RIGHT SPARE OUT 4
LEFT REAR OUT 5
RIGHT REAR OUT 6
LEFT SUB OUT 7
RIGHT SUB OUT 8

CONNECTIONS NOT REQUIRED

VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LF SPEAKER	White	Left Front Speaker (+)	~
	White/Black	Left Front Speaker (-)	
LF TWEETER	White	Left Front Tweeter (+)	~
	White/Black	Left Front Tweeter (-)	
RF SPEAKER	Gray	Right Front Speaker (+)	~
	Gray/Black	Right Front Speaker (-)	
RF TWEETER	Gray	Right Front Tweeter (+)	~
	Gray/Black	Right Front Tweeter (-)	
LR SPEAKER	Green	Left Rear Speaker (+)	~
	Green/Black	Left Rear Speaker (-)	
RR SPEAKER	Purple	Right Rear Speaker (+)	~
	Purple/Black	Right Rear Speaker (-)	
REAR CNTR CH	Red	n/a	~
	Red/Black	n/a	
CENTER CH	Orange	Center Channel (+)	~
	Orange/Black	Center Channel (-)	
SUB 1	Black	Left Rear Subwoofer (+)	~
	Black/White	Left Rear Subwoofer (-)	
SUB 2	Black	Right Rear Subwoofer (+)	~
	Black/White	Right Rear Subwoofer (-)	

Note: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location

Crew cab : Base of left C-pillar

Super cab : Rear center of floor

iDatalink maestro

INSTALL GUIDE
FORD F350
2013-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.

Rockford Fosgate®

PRODUCTS REQUIRED	OPTIONAL ACCESSORIES	PROGRAMMED FIRMWARE
Rockford Fosgate DSR1		ADS-DSR1-FOR02
iDatalink Maestro aFO2 Installation Harness		

WELCOME

Congratulations on the purchase of your iDatalink Maestro / Rockford Fosgate DSR1 Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

Before starting your installation, please ensure that your module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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NEED HELP?

📞 **1 866 427-2999**

✉ **support@idatalink.com**

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

INSTALLATION INSTRUCTIONS

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aFO2 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the aFO2 T-harness.

STEP 3

- Connect the wires from the aFO2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the aFO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.
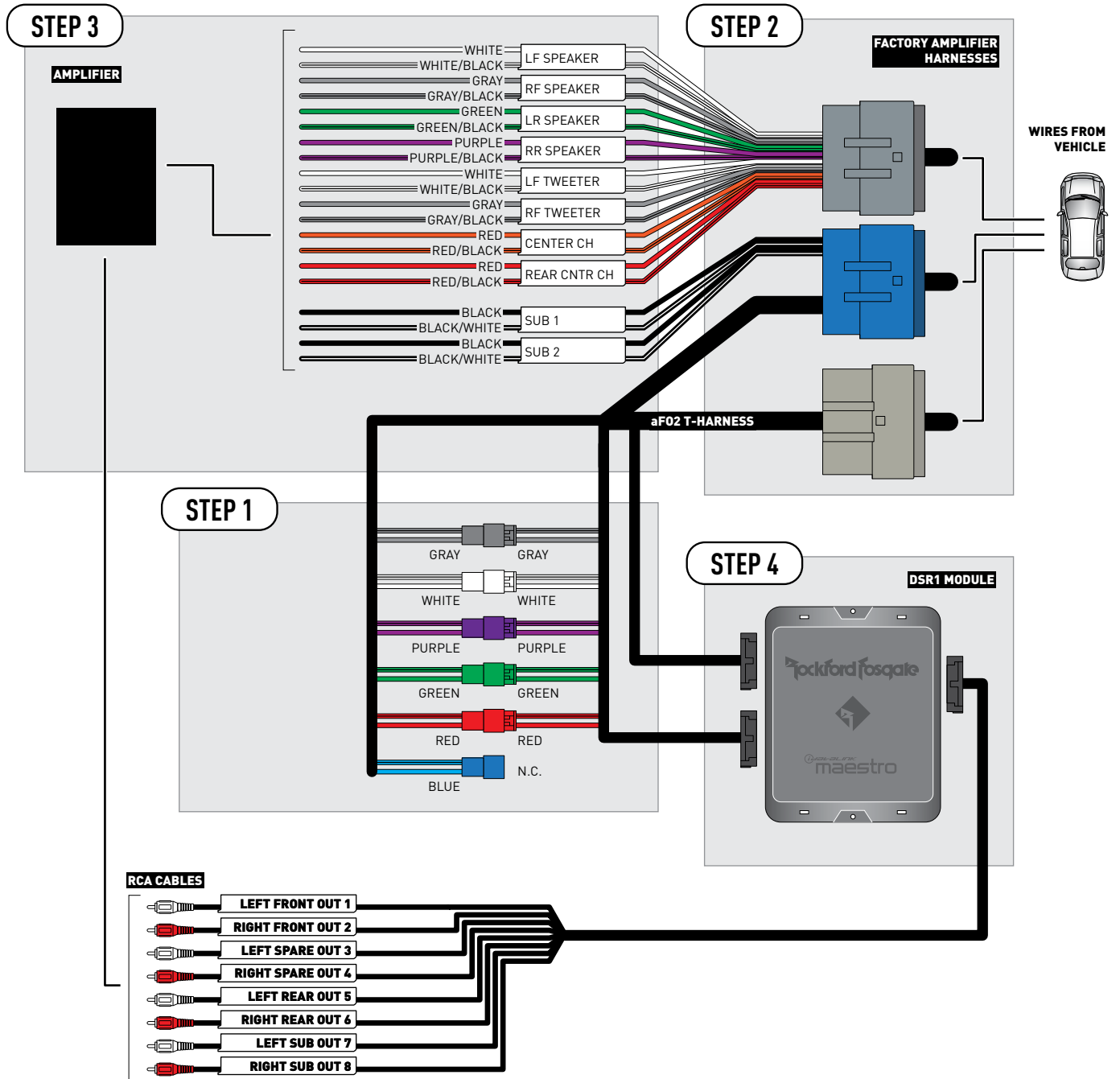
- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"

WIRING DIAGRAM

STEP 3

AMPLIFIER

STEP 2

FACTORY AMPLIFIER HARNESSES

WHITE — LF SPEAKER
WHITE/BLACK —
GRAY — RF SPEAKER
GRAY/BLACK —
GREEN — LR SPEAKER
GREEN/BLACK —
PURPLE — RR SPEAKER
PURPLE/BLACK —
WHITE — LF TWEETER
WHITE/BLACK —
GRAY — RF TWEETER
GRAY/BLACK —
RED — CENTER CH
RED/BLACK —
RED — REAR CNTR CH
RED/BLACK —
BLACK — SUB 1
BLACK/WHITE —
BLACK — SUB 2
BLACK/WHITE —

WIRES FROM VEHICLE

aF02 T-HARNESS

STEP 1

GRAY   GRAY
WHITE   WHITE
PURPLE   PURPLE
GREEN   GREEN
RED   RED
BLUE   N.C.

STEP 4

DSR1 MODULE

Rockford Fosgate
maestro

RCA CABLES

LEFT FRONT OUT 1
RIGHT FRONT OUT 2
LEFT SPARE OUT 3
RIGHT SPARE OUT 4
LEFT REAR OUT 5
RIGHT REAR OUT 6
LEFT SUB OUT 7
RIGHT SUB OUT 8

CONNECTIONS NOT REQUIRED

VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LF SPEAKER	White	Left Front Speaker (+)	~
	White/Black	Left Front Speaker (-)	
LF TWEETER	White	Left Front Tweeter (+)	~
	White/Black	Left Front Tweeter (-)	
RF SPEAKER	Gray	Right Front Speaker (+)	~
	Gray/Black	Right Front Speaker (-)	
RF TWEETER	Gray	Right Front Tweeter (+)	~
	Gray/Black	Right Front Tweeter (-)	
LR SPEAKER	Green	Left Rear Speaker (+)	~
	Green/Black	Left Rear Speaker (-)	
RR SPEAKER	Purple	Right Rear Speaker (+)	~
	Purple/Black	Right Rear Speaker (-)	
REAR CNTR CH	Red	n/a	~
	Red/Black	n/a	
CENTER CH	Orange	Center Channel (+)	~
	Orange/Black	Center Channel (-)	
SUB 1	Black	Left Rear Subwoofer (+)	~
	Black/White	Left Rear Subwoofer (-)	
SUB 2	Black	Right Rear Subwoofer (+)	~
	Black/White	Right Rear Subwoofer (-)	

Note: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location

Crew cab : Base of left C-pillar

Super cab : Rear center of floor

iDatalink maestro

INSTALL GUIDE
FORD FLEX
2013-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,
WITHOUT CHANGING YOUR RADIO.

Rockford Fosgate.

PRODUCTS REQUIRED	OPTIONAL ACCESSORIES	PROGRAMMED FIRMWARE
Rockford Fosgate DSR1		ADS-DSR1-FOR02
iDatalink Maestro aFO2 Installation Harness		

WELCOME

Congratulations on the purchase of your iDatalink Maestro / Rockford Fosgate DSR1 Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

Before starting your installation, please ensure that your module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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NEED HELP?

📞 **1 866 427-2999**

✉ **support@idatalink.com**

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

INSTALLATION INSTRUCTIONS

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aFO2 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the aFO2 T-harness.

STEP 3

- Connect the wires from the aFO2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the aFO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.
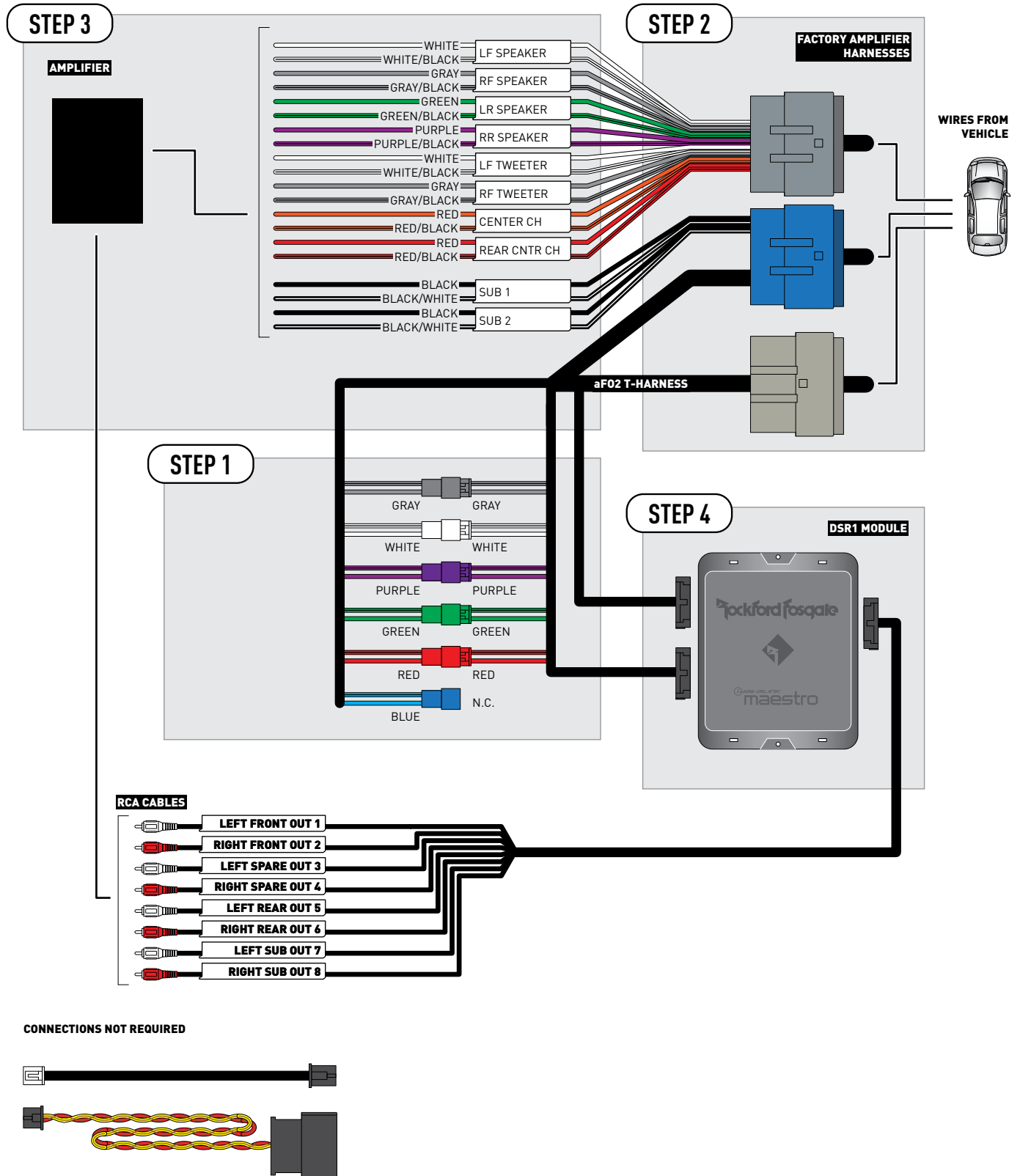
- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"

WIRING DIAGRAM

STEP 3

AMPLIFIER

STEP 2

FACTORY AMPLIFIER HARNESSES

WHITE	LF SPEAKER
WHITE/BLACK	
GRAY	RF SPEAKER
GRAY/BLACK	
GREEN	LR SPEAKER
GREEN/BLACK	
PURPLE	RR SPEAKER
PURPLE/BLACK	
WHITE	LF TWEETER
WHITE/BLACK	
GRAY	RF TWEETER
GRAY/BLACK	
RED	CENTER CH
RED/BLACK	
RED	REAR CNTR CH
RED/BLACK	
BLACK	SUB 1
BLACK/WHITE	
BLACK	SUB 2
BLACK/WHITE	

WIRES FROM VEHICLE

aF02 T-HARNESS

STEP 1

GRAY	GRAY
WHITE	WHITE
PURPLE	PURPLE
GREEN	GREEN
RED	RED
BLUE	N.C.

STEP 4

DSR1 MODULE

Rockford Fosgate

maestro

RCA CABLES

- LEFT FRONT OUT 1
- RIGHT FRONT OUT 2
- LEFT SPARE OUT 3
- RIGHT SPARE OUT 4
- LEFT REAR OUT 5
- RIGHT REAR OUT 6
- LEFT SUB OUT 7
- RIGHT SUB OUT 8

CONNECTIONS NOT REQUIRED

1

VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LF SPEAKER	White	Left Front Speaker (+)	~
	White/Black	Left Front Speaker (-)	
LF TWEETER	White	Left Front Tweeter (+)	~
	White/Black	Left Front Tweeter (-)	
RF SPEAKER	Gray	Right Front Speaker (+)	~
	Gray/Black	Right Front Speaker (-)	
RF TWEETER	Gray	Right Front Tweeter (+)	~
	Gray/Black	Right Front Tweeter (-)	
LR SPEAKER	Green	Left Rear Speaker (+)	~
	Green/Black	Left Rear Speaker (-)	
RR SPEAKER	Purple	Right Rear Speaker (+)	~
	Purple/Black	Right Rear Speaker (-)	
REAR CNTR CH	Red	Rear Center Channel (+)	~
	Red/Black	Rear Center Channel (-)	
CENTER CH	Orange	Front Center Channel (+)	~
	Orange/Black	Front Center Channel (-)	
SUB 1	Black	Left Rear Subwoofer (+)	~
	Black/White	Left Rear Subwoofer (-)	
SUB 2	Black	Right Rear Subwoofer (+)	~
	Black/White	Right Rear Subwoofer (-)	

Note: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location

Behind right rear quarter panel

INSTALL GUIDE
FORD FOCUS
2012-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.

PRODUCTS REQUIRED	OPTIONAL ACCESSORIES	PROGRAMMED FIRMWARE
Rockford Fosgate DSR1		ADS-DSR1-FOR02
iDatalink Maestro aFO2 Installation Harness		

WELCOME

Congratulations on the purchase of your iDatalink Maestro / Rockford Fosgate DSR1 Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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

INSTALLATION INSTRUCTIONS

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aFO2 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the aFO2 T-harness.

STEP 3

- Connect the wires from the aFO2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

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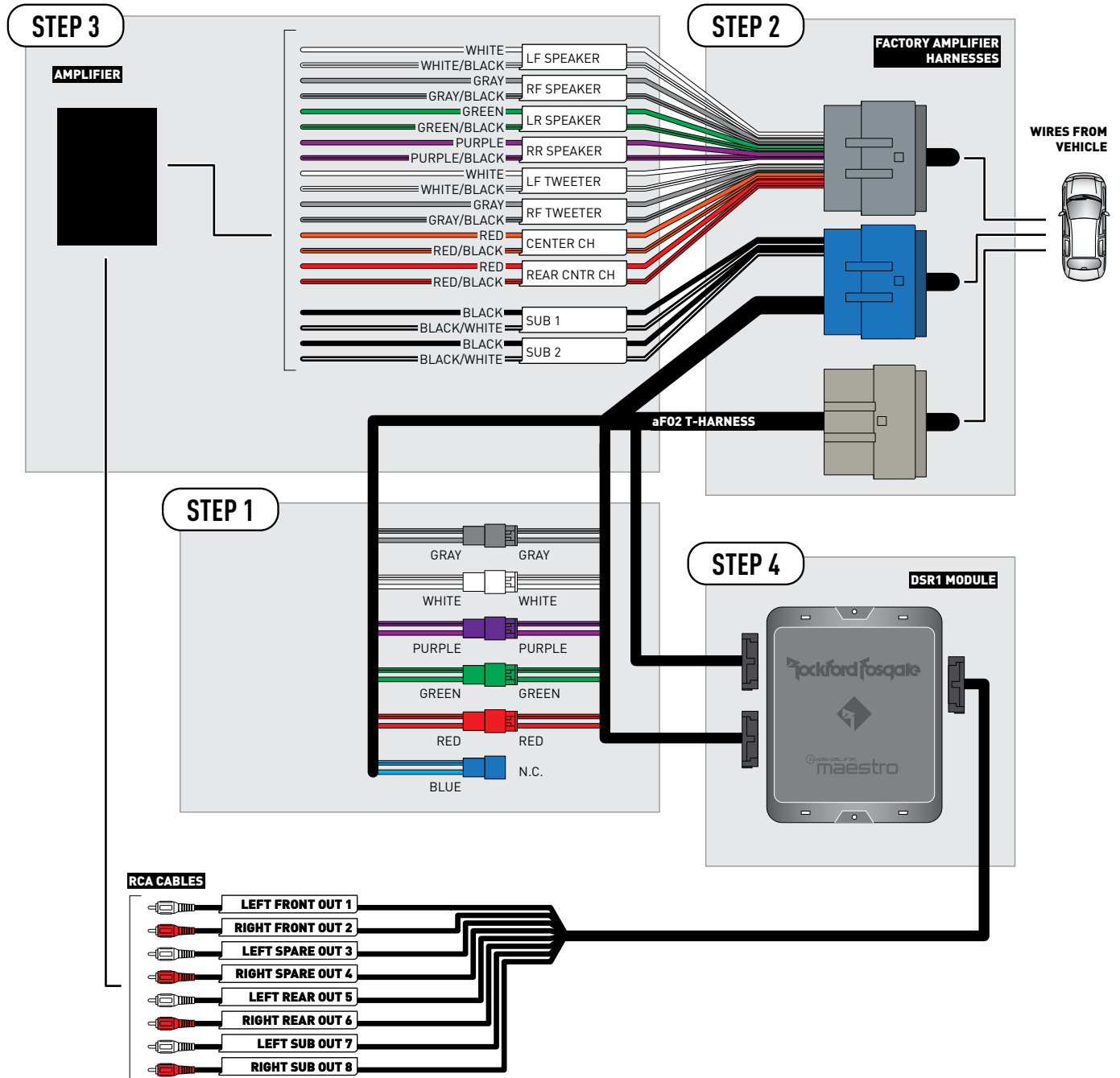
- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"

WIRING DIAGRAM

STEP 3

AMPLIFIER

WHITE	LF SPEAKER
WHITE/BLACK	
GRAY	RF SPEAKER
GRAY/BLACK	
GREEN	LR SPEAKER
GREEN/BLACK	
PURPLE	RR SPEAKER
PURPLE/BLACK	
WHITE	LF TWEETER
WHITE/BLACK	
GRAY	RF TWEETER
GRAY/BLACK	
RED	CENTER CH
RED/BLACK	
RED	REAR CNTR CH
RED/BLACK	
BLACK	SUB 1
BLACK/WHITE	
BLACK	SUB 2
BLACK/WHITE	

STEP 2

FACTORY AMPLIFIER HARNESSES

WIRES FROM VEHICLE

aF02 T-HARNESS

STEP 1

GRAY	GRAY
WHITE	WHITE
PURPLE	PURPLE
GREEN	GREEN
RED	RED
BLUE	N.C.

STEP 4

DSR1 MODULE

Rockford Fosgate

![maestro logo]

RCA CABLES

- LEFT FRONT OUT 1
- RIGHT FRONT OUT 2
- LEFT SPARE OUT 3
- RIGHT SPARE OUT 4
- LEFT REAR OUT 5
- RIGHT REAR OUT 6
- LEFT SUB OUT 7
- RIGHT SUB OUT 8

CONNECTIONS NOT REQUIRED

1

VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LF SPEAKER	White	Left Front Speaker (+)	~
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LF TWEETER	White	Left Front Tweeter (+)	~
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	Gray/Black	Right Front Speaker (-)	
RF TWEETER	Gray	Right Front Tweeter (+)	~
	Gray/Black	Right Front Tweeter (-)	
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	Green/Black	Left Rear Speaker (-)	
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	Purple/Black	Right Rear Speaker (-)	
REAR CNTR CH	Red	n/a	~
	Red/Black	n/a	
CENTER CH	Orange	Center Channel (+)	~
	Orange/Black	Center Channel (-)	
SUB 1	Black	Left Rear Subwoofer (+)	~
	Black/White	Left Rear Subwoofer (-)	
SUB 2	Black	Right Rear Subwoofer (+)	~
	Black/White	Right Rear Subwoofer (-)	

Note: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location

Left front of luggage compartment

INSTALL GUIDE
FORD FUSION
2013-2016

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,
WITHOUT CHANGING YOUR RADIO.

PRODUCTS REQUIRED
Rockford Fosgate DSR1
iDatalink Maestro aFO2 Installation Harness

OPTIONAL ACCESSORIES

PROGRAMMED FIRMWARE
ADS-DSR1-FOR02

WELCOME

Congratulations on the purchase of your iDatalink Maestro / Rockford Fosgate DSR1 Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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✉ **support@idatalink.com**

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

INSTALLATION INSTRUCTIONS

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aFO2 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the aFO2 T-harness.

STEP 3

- Connect the wires from the aFO2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

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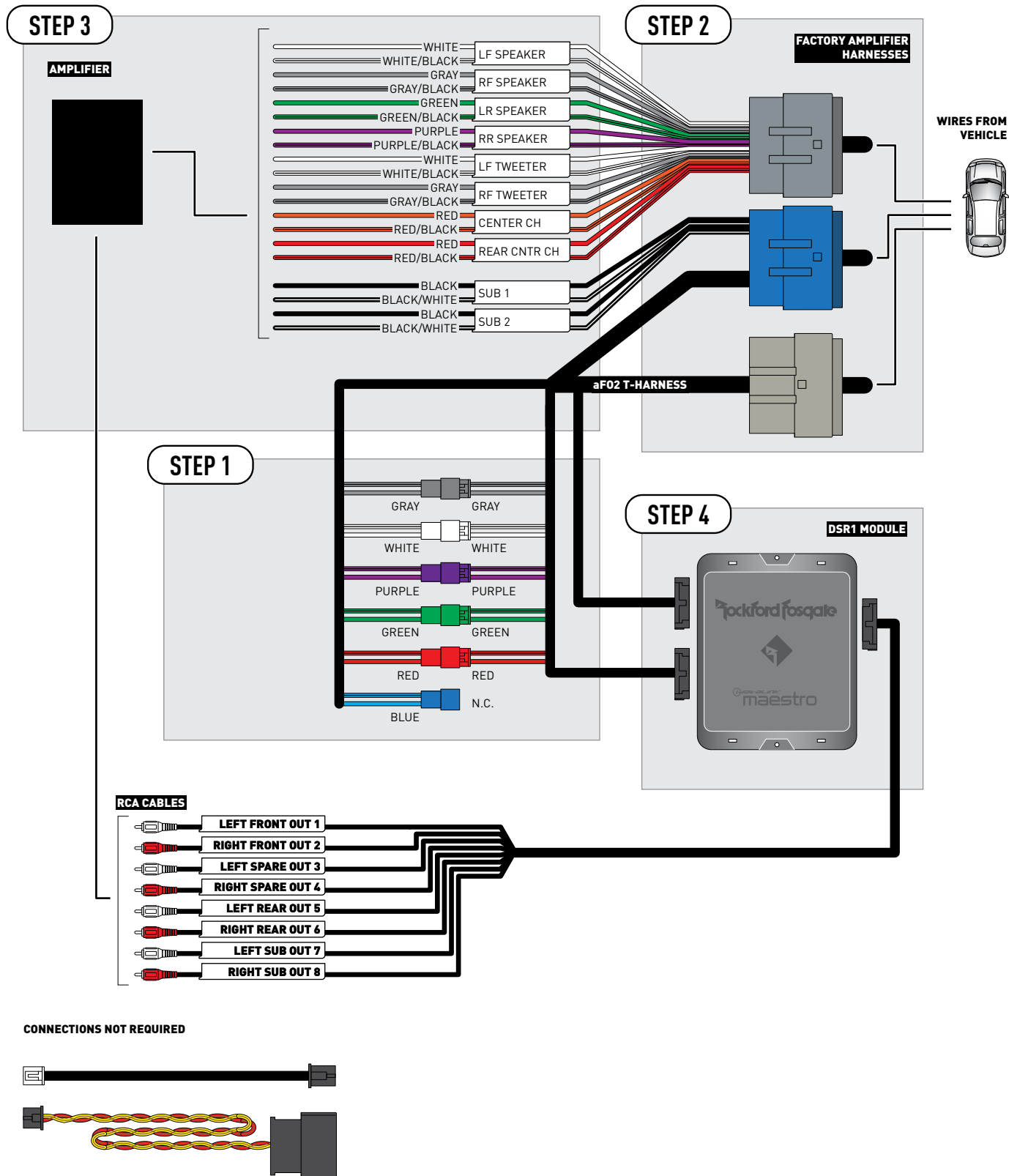
- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

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WIRING DIAGRAM

STEP 3

AMPLIFIER

STEP 2

FACTORY AMPLIFIER HARNESSES

WIRES FROM VEHICLE

WHITE	
WHITE/BLACK	LF SPEAKER
GRAY	
GRAY/BLACK	RF SPEAKER
GREEN	
GREEN/BLACK	LR SPEAKER
PURPLE	
PURPLE/BLACK	RR SPEAKER
WHITE	
WHITE/BLACK	LF TWEETER
GRAY	
GRAY/BLACK	RF TWEETER
RED	
RED/BLACK	CENTER CH
RED	
RED/BLACK	REAR CNTR CH
BLACK	
BLACK/WHITE	SUB 1
BLACK	
BLACK/WHITE	SUB 2

aF02 T-HARNESS

STEP 1

GRAY	GRAY
WHITE	WHITE
PURPLE	PURPLE
GREEN	GREEN
RED	RED
BLUE	N.C.

STEP 4

DSR1 MODULE

Rockford Fosgate

maestro

RCA CABLES

- LEFT FRONT OUT 1
- RIGHT FRONT OUT 2
- LEFT SPARE OUT 3
- RIGHT SPARE OUT 4
- LEFT REAR OUT 5
- RIGHT REAR OUT 6
- LEFT SUB OUT 7
- RIGHT SUB OUT 8

CONNECTIONS NOT REQUIRED

1

VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	**Wire Color**	**Speaker Wire Description**	**Component Position**
LF SPEAKER	White	Left Front Speaker (+)	~
	White/Black	Left Front Speaker (-)	
LF TWEETER	White	Left Front Tweeter (+)	~
	White/Black	Left Front Tweeter (-)	
RF SPEAKER	Gray	Right Front Speaker (+)	~
	Gray/Black	Right Front Speaker (-)	
RF TWEETER	Gray	Right Front Tweeter (+)	~
	Gray/Black	Right Front Tweeter (-)	
LR SPEAKER	Green	Left Rear Speaker (+)	~
	Green/Black	Left Rear Speaker (-)	
RR SPEAKER	Purple	Right Rear Speaker (+)	~
	Purple/Black	Right Rear Speaker (-)	
REAR CNTR CH	Red	Rear Center Channel (+)	~
	Red/Black	Rear Center Channel (-)	
CENTER CH	Orange	Front Center Channel (+)	~
	Orange/Black	Front Center Channel (-)	
SUB 1	Black	Left Rear Subwoofer (+)	~
	Black/White	Left Rear Subwoofer (-)	
SUB 2	Black	Right Rear Subwoofer (+)	~
	Black/White	Right Rear Subwoofer (-)	

Note: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location

Right front of luggage compartment

maestro

INSTALL GUIDE
FORD TAURUS
2013-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.

Rockford Fosgate®

PRODUCTS REQUIRED	OPTIONAL ACCESSORIES	PROGRAMMED FIRMWARE
Rockford Fosgate DSR1		ADS-DSR1-FOR02
iDatalink Maestro aFO2 Installation Harness		

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.

WELCOME

Congratulations on the purchase of your iDatalink Maestro / Rockford Fosgate DSR1 Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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

INSTALLATION INSTRUCTIONS

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aFO2 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the aFO2 T-harness.

STEP 3

- Connect the wires from the aFO2 T-harness to the aftermarket amplifier.

Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

Note 2:

The amplifier output colors and labels on the aFO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.
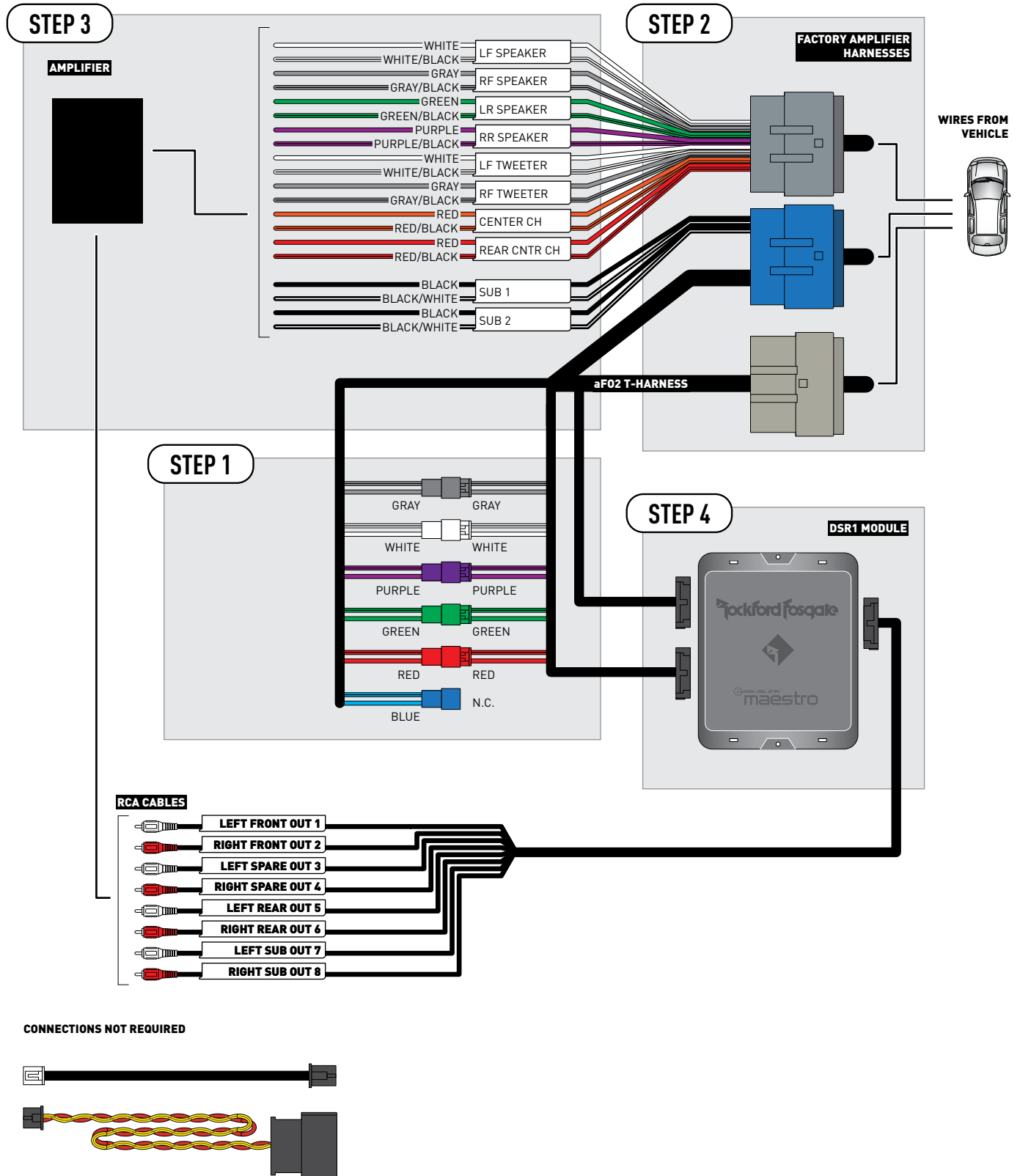
- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink. com/support" and "www.12voltdata.com/forum/"

WIRING DIAGRAM

STEP 3

AMPLIFIER

STEP 2

FACTORY AMPLIFIER HARNESSES

WIRES FROM VEHICLE

Wire	Connection
WHITE	LF SPEAKER
WHITE/BLACK	
GRAY	RF SPEAKER
GRAY/BLACK	
GREEN	LR SPEAKER
GREEN/BLACK	
PURPLE	RR SPEAKER
PURPLE/BLACK	
WHITE	LF TWEETER
WHITE/BLACK	
GRAY	RF TWEETER
GRAY/BLACK	
RED	CENTER CH
RED/BLACK	
RED	REAR CNTR CH
RED/BLACK	
BLACK	SUB 1
BLACK/WHITE	
BLACK	SUB 2
BLACK/WHITE	

aF02 T-HARNESS

STEP 1

GRAY	GRAY
WHITE	WHITE
PURPLE	PURPLE
GREEN	GREEN
RED	RED
BLUE	N.C.

STEP 4

DSR1 MODULE

Rockford Fosgate

maestro

RCA CABLES

- LEFT FRONT OUT 1
- RIGHT FRONT OUT 2
- LEFT SPARE OUT 3
- RIGHT SPARE OUT 4
- LEFT REAR OUT 5
- RIGHT REAR OUT 6
- LEFT SUB OUT 7
- RIGHT SUB OUT 8

CONNECTIONS NOT REQUIRED

VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	**Wire Color**	**Speaker Wire Description**	**Component Position**
LF SPEAKER	White	Left Front Speaker (+)	~
	White/Black	Left Front Speaker (-)	
LF TWEETER	White	Left Front Tweeter (+)	~
	White/Black	Left Front Tweeter (-)	
RF SPEAKER	Gray	Right Front Speaker (+)	~
	Gray/Black	Right Front Speaker (-)	
RF TWEETER	Gray	Right Front Tweeter (+)	~
	Gray/Black	Right Front Tweeter (-)	
LR SPEAKER	Green	Left Rear Speaker (+)	~
	Green/Black	Left Rear Speaker (-)	
RR SPEAKER	Purple	Right Rear Speaker (+)	~
	Purple/Black	Right Rear Speaker (-)	
REAR CNTR CH	Red	Rear Center Channel (+)	~
	Red/Black	Rear Center Channel (-)	
CENTER CH	Orange	Front Center Channel (+)	~
	Orange/Black	Front Center Channel (-)	
SUB 1	Black	Left Rear Subwoofer (+)	~
	Black/White	Left Rear Subwoofer (-)	
SUB 2	Black	Right Rear Subwoofer (+)	~
	Black/White	Right Rear Subwoofer (-)	

Note: The amplifier output colors and labels on the AR-FO2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location

Left front of luggage compartment