



**AX-SUB28SWC2-6V**

**Subaru** Legacy/Outback (without NAV, with Display radio†)  
**2013-2014**

† Display radio is a color display radio

**INTERFACE FEATURES**

- Provides NAV outputs (parking brake, reverse, speed sense)
- Retains the factory AUX-IN jack
- Retains the factory backup camera
- Includes an AX-CAM6V 12-to-6V step-down for the factory camera
- Pre-wired ASWC-1 harness (ASWC-1 sold separately)

**INTERFACE COMPONENTS**

- AX-SUB28SWC2-6V harness • AX-CAM6V

**TOOLS REQUIRED**

- Crimping tool and connectors, or solder gun, solder, and heat shrink
- Tape • Wire cutter • Zip ties

**CAUTION!** All accessories, switches, climate controls panels, and especially air bag indicator lights must be connected before cycling the ignition. Also, do not remove the factory radio with the key in the on position, or while the vehicle is running.

**AXXESS** Integrate • [AxxessInterfaces.com](http://AxxessInterfaces.com)

© COPYRIGHT 2019 METRA ELECTRONICS CORPORATION REV. 2/14/19



**AX-SUB28SWC2-6V**

**Subaru** Legacy/Outback (without NAV, with Display radio†)  
**2013-2014**

† Display radio is a color display radio

**INTERFACE FEATURES**

- Provides NAV outputs (parking brake, reverse, speed sense)
- Retains the factory AUX-IN jack
- Retains the factory backup camera
- Includes an AX-CAM6V 12-to-6V step-down for the factory camera
- Pre-wired ASWC-1 harness (ASWC-1 sold separately)

**INTERFACE COMPONENTS**

- AX-SUB28SWC2-6V harness • AX-CAM6V

**TOOLS REQUIRED**

- Crimping tool and connectors, or solder gun, solder, and heat shrink
- Tape • Wire cutter • Zip ties

**CAUTION!** All accessories, switches, climate controls panels, and especially air bag indicator lights must be connected before cycling the ignition. Also, do not remove the factory radio with the key in the on position, or while the vehicle is running.

**AXXESS** Integrate • [AxxessInterfaces.com](http://AxxessInterfaces.com)

© COPYRIGHT 2019 METRA ELECTRONICS CORPORATION REV. 2/14/19



**AX-SUB28SWC2-6V**

**Subaru** Legacy/Outback (without NAV, with Display radio†)  
**2013-2014**

† Display radio is a color display radio

**INTERFACE FEATURES**

- Provides NAV outputs (parking brake, reverse, speed sense)
- Retains the factory AUX-IN jack
- Retains the factory backup camera
- Includes an AX-CAM6V 12-to-6V step-down for the factory camera
- Pre-wired ASWC-1 harness (ASWC-1 sold separately)

**INTERFACE COMPONENTS**

- AX-SUB28SWC2-6V harness • AX-CAM6V

**TOOLS REQUIRED**

- Crimping tool and connectors, or solder gun, solder, and heat shrink
- Tape • Wire cutter • Zip ties

**CAUTION!** All accessories, switches, climate controls panels, and especially air bag indicator lights must be connected before cycling the ignition. Also, do not remove the factory radio with the key in the on position, or while the vehicle is running.

**AXXESS** Integrate • [AxxessInterfaces.com](http://AxxessInterfaces.com)

© COPYRIGHT 2019 METRA ELECTRONICS CORPORATION REV. 2/14/19



**AX-SUB28SWC2-6V**

**Subaru** Legacy/Outback (without NAV, with Display radio†)  
**2013-2014**

† Display radio is a color display radio

**INTERFACE FEATURES**

- Provides NAV outputs (parking brake, reverse, speed sense)
- Retains the factory AUX-IN jack
- Retains the factory backup camera
- Includes an AX-CAM6V 12-to-6V step-down for the factory camera
- Pre-wired ASWC-1 harness (ASWC-1 sold separately)

**INTERFACE COMPONENTS**

- AX-SUB28SWC2-6V harness • AX-CAM6V

**TOOLS REQUIRED**

- Crimping tool and connectors, or solder gun, solder, and heat shrink
- Tape • Wire cutter • Zip ties

**CAUTION!** All accessories, switches, climate controls panels, and especially air bag indicator lights must be connected before cycling the ignition. Also, do not remove the factory radio with the key in the on position, or while the vehicle is running.

**AXXESS** Integrate • [AxxessInterfaces.com](http://AxxessInterfaces.com)

© COPYRIGHT 2019 METRA ELECTRONICS CORPORATION REV. 2/14/19

## Connections

- Connect the **Black** wire to chassis ground, and also to the **Black** wire from the AX-CAM6V.
- Connect the **Red** wire labeled "Camera Power 6V" to the **Blue/Red** wire from the AX-CAM6V.
- Connect the **Red** wire labeled "ASWC-1 12V Accessory" to accessory power.
- Connect the **Green/Purple** wire to the reverse wire from the radio, and also to the **Blue/White** wire from the AX CAM6V.
- Connect the **Yellow** RCA jack to the backup camera input from the radio.
- If retaining the factory AUX-IN jack, connect the **Red** and **White** RCA jacks to the AUX input from the radio.

The following (2) wires are for aftermarket multimedia/navigation radios that require these wires:

- Connect the **Blue/Pink** wire to the VSS/speed sense wire.
- Connect the **Light Green** wire to the parking brake wire.

## Installation

1. After the radio has been tested and verified working properly, remove the key from the ignition. Connect the AX-SUB28SWC2-6V harness to the wiring harness in the vehicle, then to the ASWC-1.
2. Refer to the ASWC-1 instructions for radio connections and programming. Disregard the harness that comes with the ASWC-1.



**KNOWLEDGE IS POWER**  
Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry. Log onto [www.installinstitute.com](http://www.installinstitute.com) or call 800-354-6782 for more information and take steps toward a better tomorrow.



Metra recommends MECP certified technicians

**AXXESS** Integrate • [AxxessInterfaces.com](http://AxxessInterfaces.com)

© COPYRIGHT 2019 METRA ELECTRONICS CORPORATION REV. 2/14/19

## Connections

- Connect the **Black** wire to chassis ground, and also to the **Black** wire from the AX-CAM6V.
- Connect the **Red** wire labeled "Camera Power 6V" to the **Blue/Red** wire from the AX-CAM6V.
- Connect the **Red** wire labeled "ASWC-1 12V Accessory" to accessory power.
- Connect the **Green/Purple** wire to the reverse wire from the radio, and also to the **Blue/White** wire from the AX CAM6V.
- Connect the **Yellow** RCA jack to the backup camera input from the radio.
- If retaining the factory AUX-IN jack, connect the **Red** and **White** RCA jacks to the AUX input from the radio.

The following (2) wires are for aftermarket multimedia/navigation radios that require these wires:

- Connect the **Blue/Pink** wire to the VSS/speed sense wire.
- Connect the **Light Green** wire to the parking brake wire.

## Installation

1. After the radio has been tested and verified working properly, remove the key from the ignition. Connect the AX-SUB28SWC2-6V harness to the wiring harness in the vehicle, then to the ASWC-1.
2. Refer to the ASWC-1 instructions for radio connections and programming. Disregard the harness that comes with the ASWC-1.



**KNOWLEDGE IS POWER**  
Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry. Log onto [www.installinstitute.com](http://www.installinstitute.com) or call 800-354-6782 for more information and take steps toward a better tomorrow.



Metra recommends MECP certified technicians

**AXXESS** Integrate • [AxxessInterfaces.com](http://AxxessInterfaces.com)

© COPYRIGHT 2019 METRA ELECTRONICS CORPORATION REV. 2/14/19

## Connections

- Connect the **Black** wire to chassis ground, and also to the **Black** wire from the AX-CAM6V.
- Connect the **Red** wire labeled "Camera Power 6V" to the **Blue/Red** wire from the AX-CAM6V.
- Connect the **Red** wire labeled "ASWC-1 12V Accessory" to accessory power.
- Connect the **Green/Purple** wire to the reverse wire from the radio, and also to the **Blue/White** wire from the AX CAM6V.
- Connect the **Yellow** RCA jack to the backup camera input from the radio.
- If retaining the factory AUX-IN jack, connect the **Red** and **White** RCA jacks to the AUX input from the radio.

The following (2) wires are for aftermarket multimedia/navigation radios that require these wires:

- Connect the **Blue/Pink** wire to the VSS/speed sense wire.
- Connect the **Light Green** wire to the parking brake wire.

## Installation

1. After the radio has been tested and verified working properly, remove the key from the ignition. Connect the AX-SUB28SWC2-6V harness to the wiring harness in the vehicle, then to the ASWC-1.
2. Refer to the ASWC-1 instructions for radio connections and programming. Disregard the harness that comes with the ASWC-1.



**KNOWLEDGE IS POWER**  
Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry. Log onto [www.installinstitute.com](http://www.installinstitute.com) or call 800-354-6782 for more information and take steps toward a better tomorrow.



Metra recommends MECP certified technicians

**AXXESS** Integrate • [AxxessInterfaces.com](http://AxxessInterfaces.com)

© COPYRIGHT 2019 METRA ELECTRONICS CORPORATION REV. 2/14/19

## Connections

- Connect the **Black** wire to chassis ground, and also to the **Black** wire from the AX-CAM6V.
- Connect the **Red** wire labeled "Camera Power 6V" to the **Blue/Red** wire from the AX-CAM6V.
- Connect the **Red** wire labeled "ASWC-1 12V Accessory" to accessory power.
- Connect the **Green/Purple** wire to the reverse wire from the radio, and also to the **Blue/White** wire from the AX CAM6V.
- Connect the **Yellow** RCA jack to the backup camera input from the radio.
- If retaining the factory AUX-IN jack, connect the **Red** and **White** RCA jacks to the AUX input from the radio.

The following (2) wires are for aftermarket multimedia/navigation radios that require these wires:

- Connect the **Blue/Pink** wire to the VSS/speed sense wire.
- Connect the **Light Green** wire to the parking brake wire.

## Installation

1. After the radio has been tested and verified working properly, remove the key from the ignition. Connect the AX-SUB28SWC2-6V harness to the wiring harness in the vehicle, then to the ASWC-1.
2. Refer to the ASWC-1 instructions for radio connections and programming. Disregard the harness that comes with the ASWC-1.



**KNOWLEDGE IS POWER**  
Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry. Log onto [www.installinstitute.com](http://www.installinstitute.com) or call 800-354-6782 for more information and take steps toward a better tomorrow.



Metra recommends MECP certified technicians

**AXXESS** Integrate • [AxxessInterfaces.com](http://AxxessInterfaces.com)

© COPYRIGHT 2019 METRA ELECTRONICS CORPORATION REV. 2/14/19