



INSTALLATION GUIDE

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1. INTRODUCTION

JSW-02 is device which extends possibility connection of modules JRDAB-02 and JAUX_BT-02 made by JUNA to cars equipped with CAN bus communication system for Audi RNS-E, CONCERT and VW, Skoda, Seat. JSW-02 allow to control two different devices on selected platform Audi – (AMI) or VW, Skoda, Seat – (MDI). We can comfortable select existing devices in network by switch which is included in set.

Depends on system configuration we can select between:

- 1) Factory AMI/MDI module and DAB/DAB+ radio module (JRDAB-02)
- 2) Factory AMI/MDI module and BT module (JAUX_BT-02)
- 3) DAB/DAB+ radio module (JRDAB-02) and BT module (JAUX_BT-02)

2. RECOMMENDATIONS

Copyright

All assembly and operating instructions are protected by copyright. Distributing documentation via print or online media is only allowed with the prior consent of JUNA electronics.

Important

Please read installation manual very careful and keep it in right way. During installation, pay attention to all relevant aspects related to safety of installation and use of the device.

The priority during the design and production of all devices by JUNA electronics company is security and service comfort. It has been achieved by applying the modern techniques of design and production processes of electronic devices.

Module should be installed in technical workshops by qualified personnel or by people who have experience in this type of installations. Installation of devices by not qualification people can cause injury to persons or damage to property.

2.2 RECOMMENDATIONS

It is recommended keep to the general safety rules and pay attention for any threat that can cause of damage to the vehicle.

We advice to mount device in safety place, where it is not exposed for moisture, water or too high temperatures.

Device should not be installed in places where it could difficult safe driving or operating efficiency of other units installed in vehicle.

The devices can be connected only to 12V. Modules can't be used in vehicles with 24V and higher voltage.

Please note that most of our devices are based on software that may require an update. That's why you should always mount the device in easily available place in the vehicle.

In some countries it may be necessary to check the legal provisions before installation and startup of the device. In the interest of high quality and development of our products, JUNA Electronics reserves the right to make technical changes.

In the case of a warranty claim, the device should be sent back to the seller in original packaging with a detailed description of the problem with attached purchase invoice.

Warranty claims as well as exploitation rights expire due:

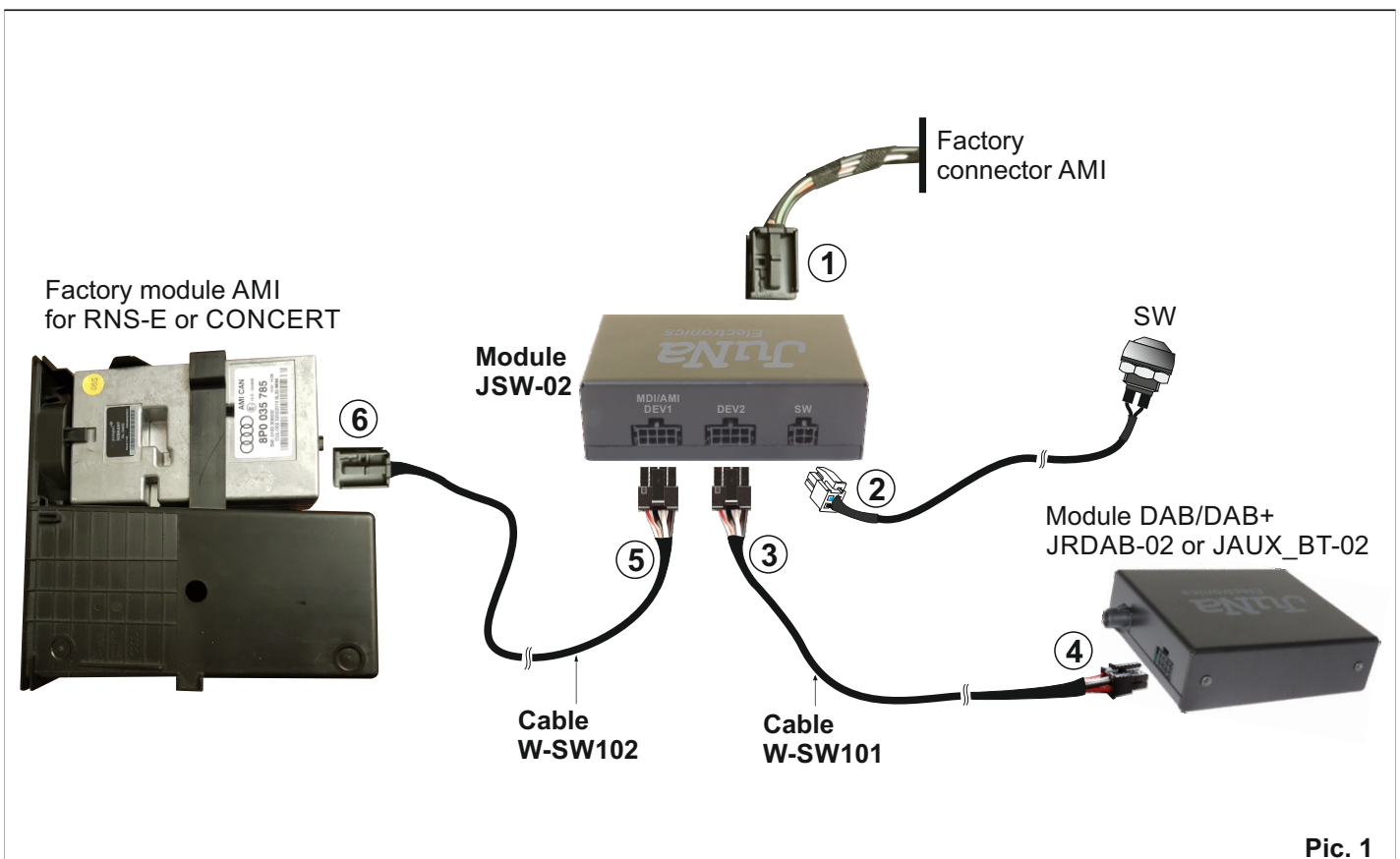
- A) Not authorized changes in devices or accessories, which have not been approved or have not been provided by the manufacturer or his partners.
- B) Opening the device's box
- C) Yourself repair the device
- D) Improper use / improper operation of the device
- E) Mechanical damage (drop, intentional damage, accident etc.)
- F) Flooding with water or other liquids

3.1. MODULE CONNECTION DIAGRAM - OPTION 1,2

Connection diagram of CAN JSW-02 module for Audi vehicle equipped with factory AMI module for RNS-E or CONCERT system Pic.1

- 1.Disconnect factory connector from AMI ⑥ and connect to JSW-02 ① module.
- 2.Connect AMI module to JSW-02 using W-SW102 cable ⑤,⑥.
- 3.Connect JRDAB-02 or JAUX_BT-02 module using W-SW101 ③,④ cable.
- 4.Connect switch SW to JSW-02 module ②.

Switch SW mount in the place available for the driver.

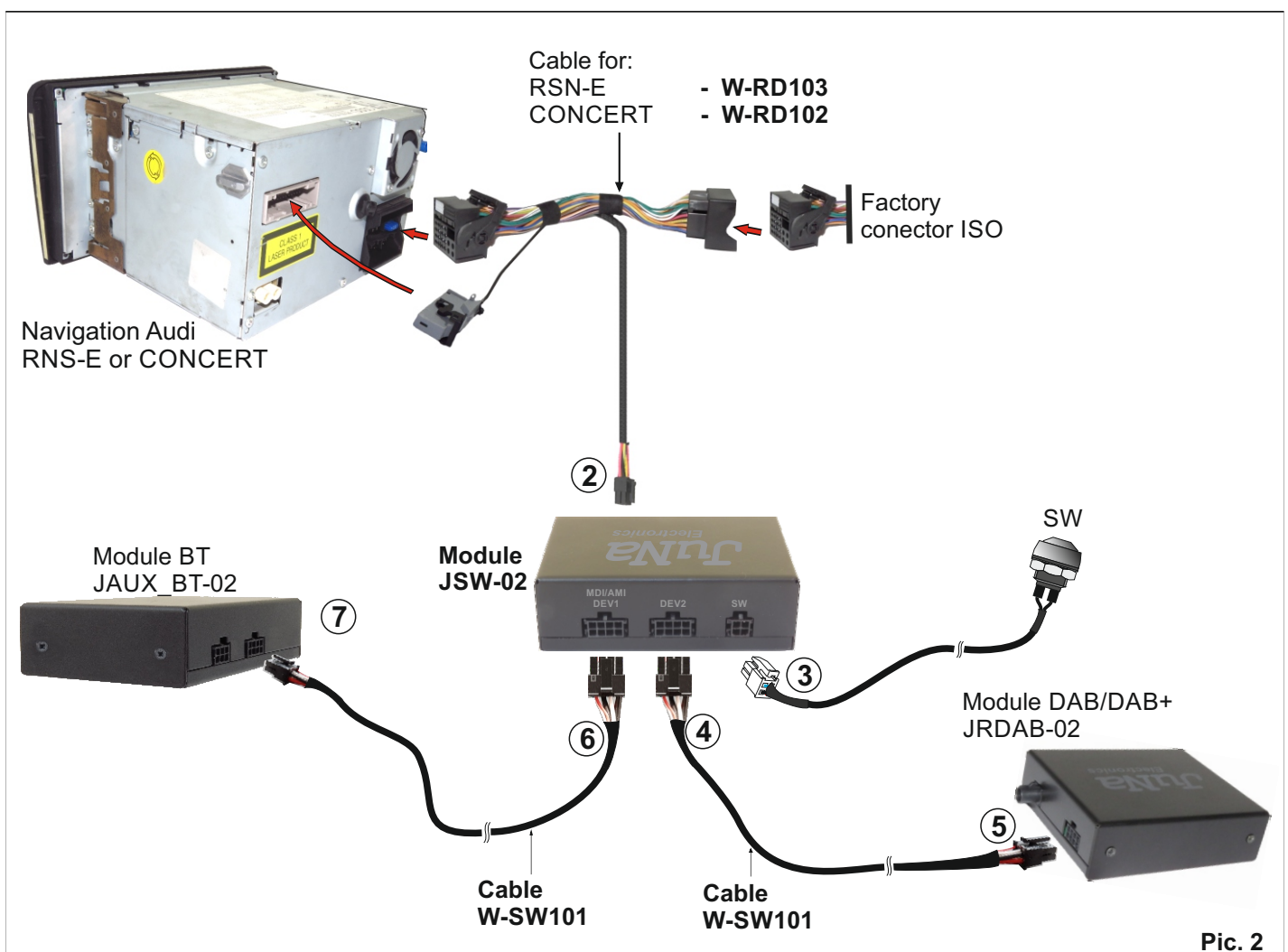


3.2. MODULE CONNECTION DIAGRAM - OPTION 3

Connection diagram of CAN JSW-02 module with modules DAB/DAB+ radio (JRDAB-02) and BT (JAUX_BT-02) for Audi RNS-E or CONCERT system Pic.2.

1. Connect plug of W-RD102 harness or W-RD103 to module JSW-02 ②.
 - CONCERT set with W-RD102 cable.
 - RNS-E set with W-RD103 cable.
2. Connect JAUX_BT-02 module to JSW-02 module using W-SW101 cable ⑥, ⑦.
3. Connect JRDAB-02 module to JSW-02 module using W-SW101 cable ④, ⑤.
4. Connect switch SW to JSW-02 module ③.

Switch SW mount in the place available for the driver.

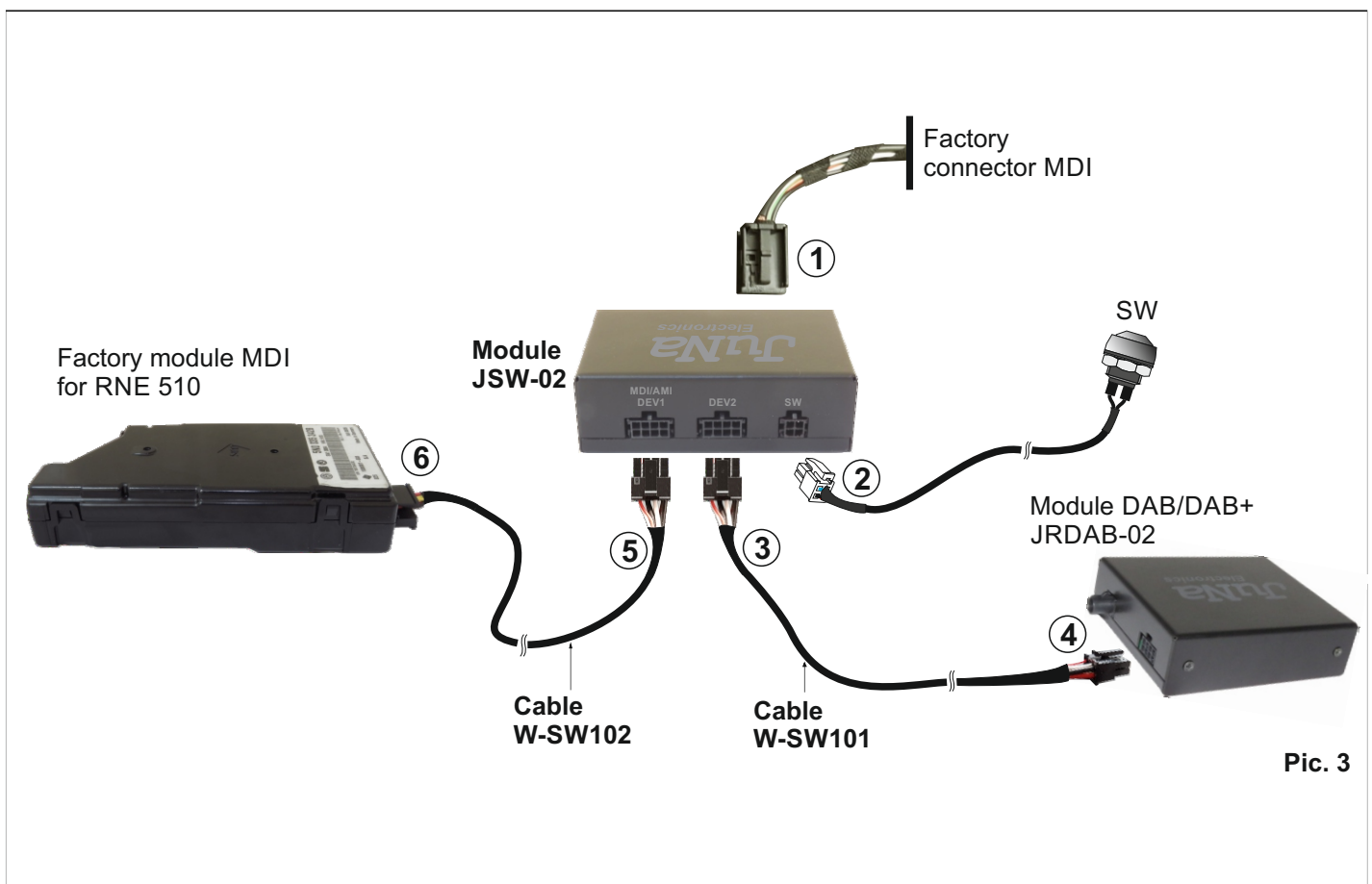


3.3. MODULE CONNECTION DIAGRAM - OPTION 4

Connection diagram of CAN JSW-02 module for VW vehicle equipped with factory MDI module for RNS 510 system Pic.3.

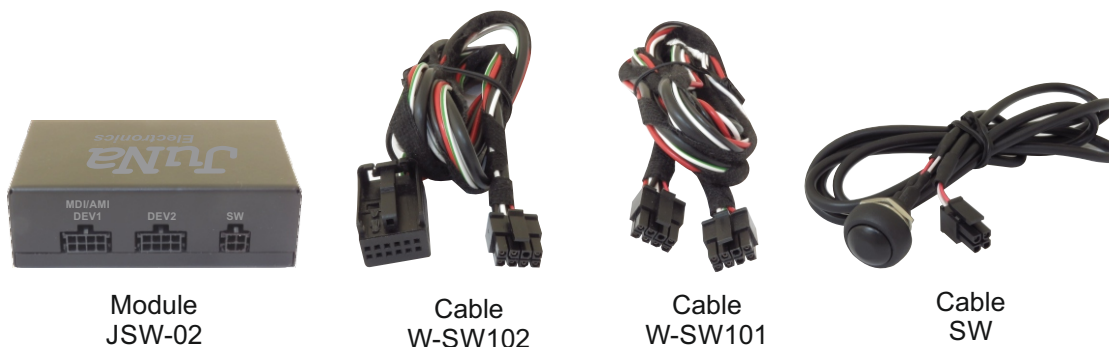
1. Disconnect factory connector from MDI (⑥) and connect it to JSW-02 module (①).
2. Connect MDI module to JSW-02 module using W-SW102 cable (⑤), (⑥).
3. Connect JRDAB-02 module or JAUX_BT-02 module using K-SW101 (③), (④) cable.
4. Connect switch SW to JSW-02 module (②).

Switch SW mount in the place available for the driver.



4.1 COMPONENTS OF MDI/AMI – DAB/DAB+/BLUETOOTH SET.

1. JSW-02 Module.
2. W-SW102 cable for connection factory AMI/MDI module.
3. W-SW101 cable for connection JRDAB-02 or JAUX_BT-02 module.
4. SW cable – switch.



4.2 COMPONENTS OF BLUETOOTH – DAB/DAB+ SET.

1. JSW-02 Module.
2. W-SW101 cable for connection JRDAB-02 module.
3. W-SW101 cable for connection JAUX_BT-02 module.
4. SW cable – switch.



5. BASIC TECHNICAL PARAMETERS

- | | |
|------------------------------|----------------------|
| 1. Supply voltage | - 12V |
| 2. Current consumption | - 5mA |
| 3. Control and communication | - CAN bus |
| 4. Box type | - Metal |
| 5. Dimension | - 92mm x 30mm x 60mm |
| 6. Weight | - 160 g |