Ford A2B Data Interface with Amplifier Bypass Harness & DSP 2017

INTERFACE FEATURES
• Designed for Sony A2B amplifiers
• A2B data interface with AX-DSP-X (digital signal processor) built-in
• Includes an amplifier bypass harness
• Retains factory chimes including parking sensor chimes
• Retains SYNC voice prompts
• All chimes/voice prompts go through the aftermarket amplifier and/or cluster
• Adjustable chime level
• Micro-B USB updatable

INTERFACE COMPONENTS
• AX-DSP-A2B1 interface
• AX-DSP-A2B1 harness
  • AX-DSP-A2B1 interface harness (male connectors: 12-pin, 16-pin)
  • Amplifier bypass harness (female connectors: 16-pin, 16-pin)
• AX-BASSKNOB

APPLICATIONS
Ford
  Escape  2017
  Fusion  2017

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

Product Info
AxxessInterfaces.com
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REV. 10/17/19 INSTAX-DSP-A2B1
An SPDT relay, Metra part number E-123, must be used if the amp turn-on current of all amps exceed 1 amp.

Assignable Outputs Labeled CH 6-10 To Be Used For Optional Amps

- Gray - Front Right +
- Gray/Black - Front Right -
- White - Front Left +
- White/Black - Front Left -
- Purple - Rear Right +
- Purple/Black - Rear Right -
- Green - Rear Left +
- Green/Black - Rear Left -
- Yellow/Brown - Subwoofer Right +
- Green/Purple - Subwoofer Right -
- Pink - Subwoofer Left +
- White/Blue - Subwoofer Left -

Blue/White - Amp Turn-On Wire
Red/White - Do Not Use

USB Connector From Factory Amp

AX-DSP-A2B1 Interface

Factory Amp (must be removed)

Factory Amp Harness
1. Locate the factory amp (†), unplug all connectors, then remove the amp.
2. Install the AX-DSP-A2B1 harness and make all necessary connections, but leave the amp turn-on wire disconnected.
   **Note:** Ensure the USB connector from the factory amp is connected to the AX-DSP-A2B1.
4. Download and install the AX-DSP-X app from the Google Play Store or Apple App Store.
5. Open the app and follow the instructions on the Bluetooth Connection tab to pair the mobile device to the AX-DSP-A2B1. (Figure A)
6. Scroll to the Configuration tab then select the vehicle type. Press the Lock Down button to save the configuration. (Figure B)
7. Connect the amp turn-on wire from the AX-DSP-A2B1 harness.
8. Click the Identify button to confirm that the AX-DSP-A2B1 is connected properly. If so, a chime will be heard from the front left speaker or gauge cluster. Test all functions of the installation for proper operation.
9. Adjust the DSP settings in the app as desired. Refer to the instructions under the Setup Instructions tab, or online at Axxessinterfaces.com for an explanation of each tab in the app.
   **Note:** In these vehicles the factory radio powers some speakers.
   **Escape:** Front tweeters / Center channel
   **Fusion:** Front tweeters / Front center channel / Rear center channel

(†) Amplifier Location
   **Escape:** Behind the left rear quarter panel
   **Fusion:** Behind the right rear quarter panel
TROUBLESHOOTING

- If the Red light in the AX-DSP-A2B1 interface is blinking, it is not communicating to the vehicle. Remove the key from the ignition, unplug the connectors from the interface, then inspect all connections made. If everything is proper, connect the harnesses back into the interface, cycle the key to ignition, then re-inspect. The Red light should be solid.

Having difficulties? We’re here to help.

Contact our Tech Support line at:
386-257-1187

Or via email at:
techsupport@metra-autosound.com

Tech Support Hours (Eastern Standard Time)
Monday - Friday: 9:00 AM - 7:00 PM
Saturday: 10:00 AM - 7:00 PM
Sunday: 10:00 AM - 4:00 PM

Knowledge is Power
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Metra recommends MECP certified technicians