



Installation instructions for part AXDI-TY1

AXDI-TY1 Lexus/Toyota Amp Interface 2001-2015

INTERFACE FEATURES

- Pre-wired AXSWC harness (AXSWC sold separately)
- Retains the factory AUX-IN jack (less Avalon 2005-2010)
- Designed for amplified models
- Retains balance
- Micro "B" USB updatable

APPLICATIONS

LEXUS	TOYOTA	TOYOTA (CONT)	TOYOTA (CONT)
ES Series 2007-2012	4-Runner 2003-2013	Highlander 2008-2013	Sequoia (w/o nav) 2013
ES Series (w/ multi disc) 2002-2006	Avalon ‡ 2005-2010	Matrix 2005-2012	Sienna 2004-2014
GS Series * 2001-2005	Avalon 2011-2012	Prius 3rd Gen (w/o nav) 2012-2015	Tacoma 2005-2013
IS Series 2002-2005	(Camry) Solara 2004-2008	Plug-In (PHV) (w/o nav) 2012-2015	Tundra 2006-2013
LS Series † 2001-2006	Camry (w/o nav) 2012-2013	Prius 2004-2011	Tundra (Double Cab) 2004-2005
RX Series 2004-2008	Camry 2007-2011	Rav-4 2004-2014.5	Venza (w/ SD card based nav) 2013-2014
SC Series * 2002-2010	Corolla 2003-2011	Sequoia 2005-2012	Venza 2009-2012
	FJ Cruiser 2011-2014		

* These models require the ASWC-TOY-LEX (sold separately) instead of the AXSWC (sold separately) to retain steering wheel controls. The AXSWC/AUX-IN harness will not be used in these applications.

† Steering wheel controls cannot be retained in this application.

‡ The AXSWC/AUX-IN harness will not be used in this application.

Table of Contents

Connections to be made..... 2
 Installing the AXDI-TY1 3
 Testing the AXDI-TY1..... 3

INTERFACE COMPONENTS

- AXDI-TY1 interface • AXDI-TY1 harness
- AXSWC/AUX-IN harness

TOOLS REQUIRED

- Wire cutter • Crimp tool • Solder gun • Tape
- Connectors (example: butt-connectors, bell caps, etc.)

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.

REV 1/20/2020 INSTAXDI-TY1

Connections to be made

From the AXDI-TY1 harness to the aftermarket radio:

- Connect the **Black** and **Black/White** wire to the ground wire.
Note: If installing an AXSWC, there will be a ground wire on the AXSWC/AUX-IN harness to connect as well.
- Connect the **Yellow** wire to the battery wire.
- Connect the **Red** wire to the accessory wire.
Note: If installing an AXSWC (sold separately), there will be an accessory wire on the AXSWC/AUX-IN harness to connect as well.
- Connect the **Blue/White** wire to the amp turn on wire. This wire must be connected to hear sound from the factory amplifier.
- Connect the **Blue** wire to the power antenna wire.
- If the aftermarket radio has an illumination wire, connect the **Orange** wire to it.
- Connect the **Gray** wire to the right front positive speaker output.
- Connect the **Gray/Black** wire to the right front negative speaker output.
- Connect the **White** wire to the left front positive speaker output.
- Connect the **White/Black** wire to the left front negative speaker output.

From the AXSWC/AUX-IN harness to the aftermarket radio:

- This harness is to be used along with the optional AXSWC (not included) to retain steering wheel audio controls. If the AXSWC is not being used, disregard this harness, unless AUX-IN is desired to be retained. If it will be used, please refer to the AXSWC instructions for radio connections and programming.
Note: *Disregard the harness that comes with the AXSWC.*
Note: *Not applicable for the Toyota Avalon 2005-2010.*
- Connect the **Black** wire to the ground wire.
- Connect the **Red** wire to the accessory wire.
- This harness will work with both early and late generation model Toyota SWC harnesses. Early generation models use a 20-pin harness; late generation models use a 28-pin harness. Use only the appropriate harness that the vehicle requires (only one of the harnesses will connect into the wiring harness in the vehicle). The 12-pin harness will connect into the AXSWC.
- If retaining the factory AUX-IN jack, connect the **Red & White** RCA jacks to the AUX input.

Installing the AXDI-TY1

With the key in the off position:

- Connect the AXDI-TY1 harness into the interface, and then to the wiring harness in the vehicle.
- Connect the AXSWC/AUX-IN harness to the wiring harness in the vehicle.

Note: *If using the AXSWC, connect it after you test the AXDI-TY1, with the key in the off position.*

Note: *Not applicable for the Toyota Avalon 2005-2010.*

Testing the AXDI-TY1

- Turn the key (or push-to-start button) to the ignition position and wait until the radio comes on. The factory amplifier should come on and you should hear sound at this point.
- Test all functions of the installation for proper operation, before reassembling the dash.

Note: *Fade control will not be retained with this interface.*



Installation instructions for part AXDI-TY1



IMPORTANT

If you are having difficulties with the installation of this product, please call our Tech Support line at **1-800-253-TECH**. Before doing so, look over the instructions a second time, and make sure the installation was performed exactly as the instructions are stated. Please have the vehicle apart and ready to perform troubleshooting steps before calling.



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.installerinstitute.com or call 800-354-6782 for more information and take steps toward a better tomorrow.



Metra recommends MECP certified technicians

REV. 1/20/2020 INSTAXDI-TY1