



## S3TA03

**S3-1 INTERFACE HARNESS  
FOR 2003-11 TOYOTA JBL /  
LEXUS PREMIUM AUDIO  
SYSTEMS**

### APPLICATIONS

LEXUS Premium Sound

(Not compatible with Mark Levinson)

2008-10	ES330/350
2007-08	GS350
2008	GX470
2007-10	RX350

TOYOTA JBL & JBL Synthesis

2003-10	4Runner
2007-09	Avalon
2007-11	Camry
2008-11	Highlander
2004-11	Prius
2004-11	RAV4
2005-11	Sequoia
2004-11	Sienna
2006-08	Solara
2005-11	Tacoma
2004	Tundra W/RSE 8-speaker JBL system only
2005-06	Tundra W/JBL Except 6 Speaker system
2007-11	Tundra

### INSTALLATION NOTES

This S3TA03 harness is designed for use with the Scosche S3-1 interface. It allows you to replace your Factory OEM stereo while retaining the Factory Digital JBL/Premium audio system and Steering wheel controls wjem vehicle is so equipped. Please review this information for specific installation in selected Toyota and Lexus vehicles. For steering wheel control information, consult the S3-1 interface instructions.

#### JBL / JBL SYNTHESIS and LEXUS AMPLIFIED AUDIO SYSTEMS

These Factory-amplified sound systems are driven and digitally controlled by a single set of Left/Right input channels only. The Aftermarket radio does not have the ability to control Front to Rear fade adjustment. The fader will be set to center by the interface software.

#### FACTORY AUX-INPUT RETENTION

The S3TA03 harness includes a set of Left/Right (White/Red) input connections for retaining the Factory Auxiliary input location on some 2005-UP vehicles. If your Aftermarket stereo has a set of rear Auxiliary input connection, then use these plugs to retain the use of the original Factory Aux-in location.

### WIRING INSTRUCTIONS

## ATTENTION! INSTALLER NOTE:

**Before removing FACTORY Toyota stereo, turn ON and adjust to 1/2 VOLUME level to prevent low volume output AFTER installation.**

1. Disconnect the Negative battery cable from the battery to avoid short circuits.
2. Remove and unplug Factory stereo.
3. Match and connect the Power/ground wires from the S3-1 Vehicle specific harness to the wires from your stereo. The color codes on the Scosche harness are designed to match most Aftermarket stereos.
4. Wire the Front RCA leads from the RCA audio input connections on the harness. Gray RCA is Right input and White RCA is Left input (Diagram on reverse).
- 4A. Optional: If you are using the Aux input RCA leads to retain the Factory Aux input location, connect the Red/White audio cables from the S3-1 harness to the Auxiliary input at the back of the Radio (Diagram on reverse).
5. Tape any unused wiring to prevent short circuits.
6. Connect all harnesses between S3-1, Vehicle and Aftermarket stereo.

## S3TA03

### WIRE COLOR CODES

<b>White RCA</b> = Left Channel Audio input	<b>Orange</b> = Illumination
<b>Gray RCA</b> = Right Channel Audio input	<b>Orange/White</b> = Dimmer
<b>Black</b> = Chassis Ground	<b>Blue</b> = +12V Power Antenna/ (Amplified antenna)
<b>Yellow</b> = +12V Constant Power	<b>Blue/White</b> = +12 Remote Output
<b>Red</b> = +12V Accessory / R.A.P output	

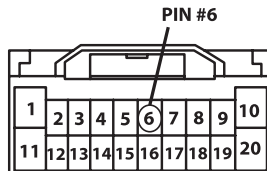
**White RCA** = Left Aux input (from Factory Auxiliary connection)  
**Red RCA** = Left Aux input (from Factory Auxiliary connection)

### TROUBLESHOOTING

PROBLEM	TIP/SOLUTION
Vehicle does not recognize the interface	It is recommended to turn "ON" the ignition key to the "RUN" position for approximately 2 seconds and "OFF" twice before beginning the first test of the newly installed interface
LED does not turn on	It is recommended to check "ALL" wiring connections and also ensure that the power wires are getting their proper +12 volts
Low volume with aftermarket radio	Re-install factory radio, turn on and adjust to 1/2 volume
No audio	Possible non-digital JBL system. See Fig. 2

Wire position 6:  
 Vacant = Non-digital JBL system,  
 needs TA03B  
 Wire present = Digital JBL system,  
 needs S3-1/S3TA03B  
**NOTE:** Rear view of plug, wires exit toward you

**FIGURE 3**  
**20-pin Toyota JBL Radio**  
**(Power/audio plug)**



### S3TA03 WIRING DIAGRAM

