



\* JBL Audio equipped vehicles will require additional part # [PP-TYJBL1](#) audio interface

**NOTE:** Toyota Factory Rear Seat Entertainment **CANNOT** be controlled via Rosen Multimedia System and audio will come through IR (Infrared) headphones only!






## NOTICE OF INTENDED INSTALLATION AND USE

THE CAR SHOW MULTI-MEDIA NAVIGATION SYSTEMS CONTAIN AN INTERNAL VIDEO PLAYER, WHICH IS NOT INTENDED FOR VIEWING BY THE DRIVER. THE VIDEO PLAYER IS DISABLED WHEN THE VEHICLE IS IN MOTION THROUGH A CONNECTION TO THE PARKING BRAKE.



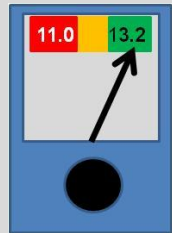





**THE INSTALLER OF THIS PRODUCT MUST INSURE THE VIDEO DISABLE CONNECTION IS WORKING PROPERLY PRIOR TO DELIVERY OF THE VEHICLE.**

IMPROPER INSTALLATION COULD DISTRACT THE DRIVER OR INTERFERE WITH SAFE OPERATION OF THE VEHICLE, WHICH COULD RESULT IN SERIOUS INJURY OR DEATH, AND COULD ALSO VIOLATE STATE AND/OR FEDERAL LAW.

CAR SHOW DISCLAIMS ANY LIABILITY FOR ANY BODILY INJURY OR PROPERTY DAMAGE THAT MAY RESULT FROM ANY IMPROPER OR UNINTENDED INSTALLATION AND/OR USE.

	<p align="center"><b><u>STOP</u></b></p> <p align="center">Damage to the vehicle may occur Do not proceed until process has been completed</p>
	<p align="center"><b><u>CAUTION</u></b></p> <p align="center">Process must be carefully observed in order to reduce the risk of damage to the accessory or vehicle</p>
	<p align="center"><b><u>CRITICAL</u></b></p> <p align="center">Process must be carefully observed in order to ensure a quality installation</p>
	<p align="center"><b><u>TOOLS and EQUIPMENT</u></b></p> <p align="center">Specific tools and equipment recommended for this process</p>
	<p align="center"><b><u>SAFETY RISK</u></b></p> <p align="center">Observe safe practices, this process can be dangerous and there is a risk of personal injury</p>
	<p align="center"><b><u>TESTING and TROUBLESHOOTING</u></b></p> <p align="center">Content specific testing and troubleshooting points</p>

# CarShow Installation Guide - Toyota Tundra/Sequoia

<b>PREPARING FOR THE INSTALLATION</b> Before you start, please read these critical steps below		<b>STEP</b> <b>1</b>
<p><b>BEFORE YOU START THE INSTALLATION, READ THIS GUIDE!</b></p>		
<p><b>CHECK THE BATTERY</b></p> <p>Test the battery voltage to make sure it's fully charged</p> <p>This only takes seconds and can save hours of troubleshooting later.</p>		
<p><b>TURN THE VEHICLE</b></p> <p><b><u>OFF</u></b></p> <p>Keep the Vehicle Off during the installation to avoid setting various Vehicle Faults</p>		
<p><b>Keep the Vehicle <u>OFF</u> during the installation</b></p> <p>Failure to follow this may cause the AIRBAG FAULT SENSOR to become enabled. Dealer Service Departments charge a significant fee to reset the Fault Sensor.</p>		

# CarShow Installation Guide - Toyota Tundra/Sequoia

## REMOVE THE FACTORY RADIO

## STEP 2

You will need to remove multiple interior trim components prior to removing the factory radio. The following steps will help guide you through this process.

### Remove Cup Holder Console

Carefully remove the Cup Holder's lower console



### Remove Lower Dash Bezel

Carefully remove lower dash bezel



### Remove Climate Controls

Carefully remove climate control panel



### Remove Radio Mounting Bolts

Remove 4 x 10mm OEM radio mounting bolts



# CarShow Installation Guide - Toyota Tundra/Sequoia

## Remove Mounting Brackets

Carefully remove mounting brackets from OEM radio and relocate onto Rosen unit.

Be sure to use ROSEN SUPPLIED screws.



## Piranha System Assembly Instructions

### STEP 3

This step will walk you through how to attach/connect vehicle-specific faceplate to Electronic Control Unit (ECU)

### Vehicle Specific Faceplate

Vehicle-specific face plate (shown at right) will need to be attached to ECU. This step will walk you through this simple process.



### Electronic Control Unit

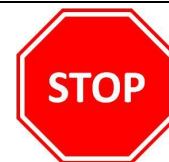
ECU shown at right



### 28-Pin Connector

Be sure that 28-pin connector is securely connected **PRIOR** to securing faceplate to ECU.

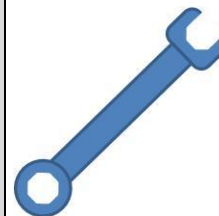
**NOTE:** If faceplate connector is not fully connected to ECU, system will display **"No Faceplate Detected"** in the top Nav bar of the menu screen when unit is powered on.



# CarShow Installation Guide - Toyota Tundra/Sequoia

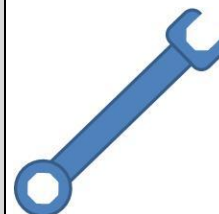
## Faceplate/ECU Alignment

Verify faceplate bracket screw holes are aligned to ECU mounting screw holes.  
Make sure 28-pin connector is tucked completely inside faceplate cavity as shown at right



## Mounting Screws

Verify faceplate bracket screw holes are aligned to ECU mounting screw holes.  
Be sure that all 4 (2 left/ 2 right) Phillips screws are screwed in tightly to avoid damage to faceplate/ECU.



## Mounting Screw Verification

Be sure that all 4 (2 left/ 2 right) Phillips screws are screwed in tightly to avoid damage to faceplate/ECU.



## LOCATING REMOTE COMPONENTS

You will need to mount the GPS and Optional Satellite Radio Antennas on the exterior of the vehicle. And mount the iPod Interface Connector in the vehicle. The following steps will help guide you through this process.

# STEP 4

## Use Caution around SRS Components

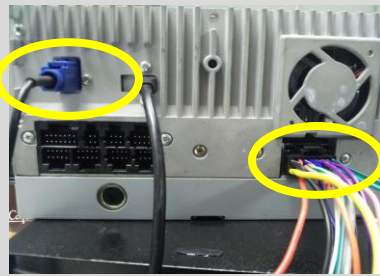

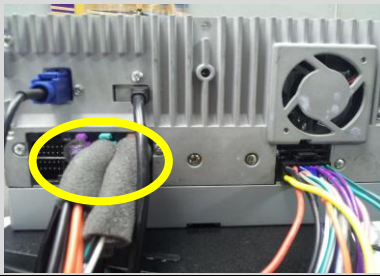



It is the **installer's responsibility** to ensure that the safety equipment in the vehicle is **NOT** adversely affected by installation of this system. Ensure that the routing of the harnesses do NOT obstruct airbags, SRS or other safety devices.



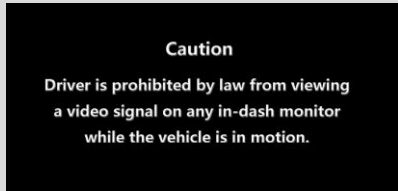

# CarShow Installation Guide - Toyota Tundra/Sequoia





<p><b>Mount the GPS and Sat Radio antenna on the <u>EXTERIOR</u> of the Vehicle</b></p> <p>Route the GPS harness away from other power harnesses in the vehicle.</p> <p>This will help to ensure optimum performance of the GPS system.</p>		
<p><b>Install the Optional iPod Video interface connector in a location accessible to the end-user</b></p> <p>iPod Video cable is connected via rear mounted USB connections.</p> <p>Cable P/N: PP1013</p>		



<h2 style="text-align: center;">INSTALL THE ROSEN NAVIGATION SYSTEM</h2> <p style="text-align: center;">You will need to prepare the Rosen Navigation System for installation in the vehicle.</p>	<h1>STEP 5</h1>
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<p><b>Connect the Power and GPS Harnesses</b></p> <p>The GPS Harness must be properly seated into connector. Also be sure steering wheel control connector is securely connected.</p> <p><b><u>Failure to follow this step may result in poor GPS signal and steering wheel controls being inop.</u></b></p>		
<p><b>Connect Optional Harnesses such as iPod, Satellite Radio, Camera</b></p> <p>These harnesses must be fully engaged prior to the system installation.</p> <p>See the Main Harness Diagram below for more information</p>		
<p><b>Turn the vehicle ON and confirm the unit is fully operational</b></p> <p>With the connectors <b>Fully Engaged</b>, turn the vehicle on and press the <b>RESET</b> located behind SD card access door.</p>		













# CarShow Installation Guide - Toyota Tundra/Sequoia

<p><b>Insert a DVD to confirm the Video Disable Circuit is properly Operating.</b></p> <p>The Brake Wire must be connected to the Park Brake Indicator Wire to complete a ground when the brake is engaged.</p>		
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<h2 style="text-align: center;">ENABLE INSTALLER SETTINGS</h2> <p style="text-align: center;">You will need to select certain Installer setting based on any Optional Equipment that you may have installed</p>		<h2 style="text-align: center;">STEP 6</h2>
<p><b>Launch the Installer Setting Screen</b></p> <p>From any screen with the Menu Button, follow these steps to display the Installer Setting Screen:</p> <ol style="list-style-type: none"> <li>1) From any Screen, select "Menu"</li> <li>2) From the Menu Screen, select "Settings"</li> <li>3) Press "Keypad," Press "1120" and "Enter"</li> </ol>		
<p><b>Select the individual Settings as needed for the installed components</b></p> <p>Selectable options vary by product and installation. Select the options as applicable for the installed optional components.</p>		

<h2 style="text-align: center;">Perform Pre-Delivery Tests</h2> <p style="text-align: center;">You will need to perform several Pre-Delivery Tests to ensure customer satisfaction Some equipment may be optional</p>		<h2 style="text-align: center;">STEP 7</h2>
<p><b>Turn the vehicle ON and System ON</b></p> <p>Confirm the unit starts up properly</p> <p style="text-align: center;"><b><u>Troubleshooting</u></b></p> <ol style="list-style-type: none"> <li>1) Reset the System while the Vehicle is ON</li> <li>2) Confirm all connectors are properly installed</li> <li>3) Check the Vehicle and System Fuses</li> </ol>		

# CarShow Installation Guide - Toyota Tundra/Sequoia

<p><b>Select RADIO as the Source</b> Confirm that the AM and FM reception are as expected</p> <p><b><u>Troubleshooting</u></b></p> <ol style="list-style-type: none"> <li>1) Confirm Antenna is properly connected.</li> <li>2) Reset the System</li> </ol>		
<p><b>Select SATELLITE RADIO as the Source</b></p> <p><b><u>Troubleshooting</u></b></p> <ol style="list-style-type: none"> <li>1) Confirm the antenna has unobstructed view of the sky</li> <li>2) Confirm the antenna is located on the outside of the vehicle</li> </ol>		
<p><b>Select iPod as the Source</b> Confirm iPod is communicating and playback is OK</p> <p><b><u>Troubleshooting</u></b></p> <ol style="list-style-type: none"> <li>1) Confirm the harnesses are properly engaged</li> <li>2) Reset the System</li> </ol>		
<p><b>Select CD as the Source</b> Confirm CD audio playback is OK</p> <p><b><u>Troubleshooting</u></b></p> <ol style="list-style-type: none"> <li>1) Confirm the disc is store bought and in good condition</li> <li>2) Reset the system</li> </ol>		
<p><b>Select DVD as the Source</b> Confirm DVD video playback is OK</p> <p><b><u>Troubleshooting</u></b></p> <ol style="list-style-type: none"> <li>1) Ensure the Park Brake is set to view video</li> <li>2) Confirm the disc is store bought and in good condition</li> <li>3) Reset the system</li> </ol>		
<p><b>Select Phone as the Source</b> Confirm Phone Pairing is successful</p> <p>Consult Quick Start Guide for Bluetooth pairing instructions</p>		



# CarShow Installation Guide - Toyota Tundra/Sequoia

## Select NAV as the Source

Confirm the Navigation loads and signal strength is OK

### Troubleshooting

- 1) Confirm the antenna has an unobstructed view of the sky
- 2) Confirm the antenna is located on the outside of the vehicle
- 3) Confirm the antenna is properly connected



## Select Reverse Camera

Confirm the backup camera screen shows in reverse

### Troubleshooting

- 1) Confirm "Reverse Trigger" is set to ON in the Installer Settings
- 2) Confirm the Reverse Trigger wire is attached properly
- 3) Confirm the Camera is receiving 12VDC as required



## Steering Wheel Controls

Test Steering Wheel Controls



# CarShow Installation Guide - Toyota Tundra/Sequoia

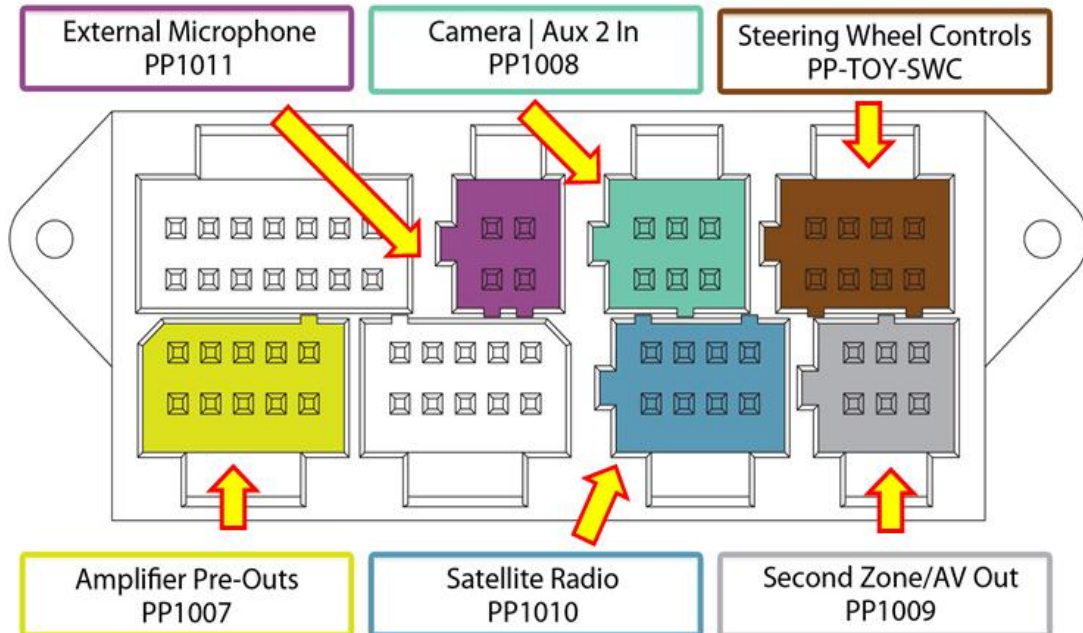
## Service and Optional Parts List

<u>Part Number</u>	<u>Description</u>
PP-TOY-MAIN	Harness, Toyota Main
PP-TOY-SWC	Harness, Toyota Steering
PP-TUND09-3	Installation Guide, Sienna
PP1005	Antenna, GPS, 5 meters
PP1006	Ground Plate, GPS Antenna
PP1007	Harness, Dolby 5.1/Amp
PP1008	Harness, AUX IN/Cam In
PP1009	Harness, AUX Out
PP1011	Harness, External BT Mic
PP1012	Harness, AUX in 3.5/RCA
PP1013	Harness, USB iPod Video/Audio
PP1014	Display Cleaning Cloth
PP1010	Harness, Sirius Tuner*
DP-1047	GPS Antenna Windshield Mount*
DP-1066	Camera, License Plate Black*
DP-1067	Camera, License Plate Chrome*
DP-1068	Camera, Universal Black*

\* Optional Accessories

## Harness Diagram

### Back Of CarShow Unit



# ***CarShow Installation Guide - Toyota Tundra/Sequoia***

