



# Jeep **WRANGLER** **AUDIO KIT**

*Installation Guide*



v.4.24.24



## **Thank you for choosing Wet Sounds™ products!**

Adventure starts with good tunes, that's why Wet Sounds™ developed a fully integrated pre-packaged solution for the 2018-2023 Jeep Wrangler. It has been designed and engineered for factory fit & finish and features a plug-and-play wire harness, all installation hardware and DSP tuned amplifier(s) that will provide you with the best sounding experience possible. Available in 2 options, a 1000W core kit to get your Jeep rockin' & an 800W tower kit for a combined 1800W of power for the ultimate jeep audio setup. We live and breathe high performance audio so you can enjoy the very best audio experience wherever you go.

Please take a moment to read the instruction manual before starting your installation. This guide will explain the benefits of the technologies developed by Wet Sounds and will help you understand the correct installation methods and use of this product. If you have any questions or concerns, please contact a certified Wet Sounds dealer. You may also contact Wet Sounds technical support by dialing 1-877-WET-SPKR (1-877-938-7757).

### **!WARNING!**

We build all Wet Sounds products to play at high volumes for extended periods of time. Your ears however are not designed for high volume listening. This product can easily generate high volumes that can permanently damage your hearing. We urge you to limit your exposure to very high volume sound. You may also find your state laws governing the volume of an audio system. Please be aware of all local and state laws in your area. A properly tuned and operated audio system will deliver years of enjoyment when used properly.

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Please take a moment to look over this instruction manual before enjoying the product.

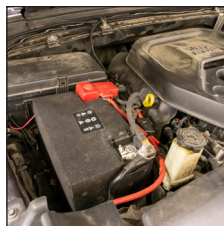
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# DISASSEMBLY

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- ① Before working on your Jeep, it is recommended to disconnect the batteries negative terminal and allow the system to discharge for 10 minutes.



- ② Unclip and remove the panel located below the steering column. This will expose (2) Phillips screws that will need to be removed first.

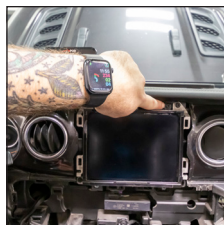


- ③ Now unclip the climate control panel and disconnect the harnesses.



- ④ There are (2) screws fastening the display trim, remove the screws and the trim.

- ⑤ Next remove the screw located above the display. This screw fastens the upper dash panel to the vehicle. You can now unclip this panel and remove it from the vehicle.

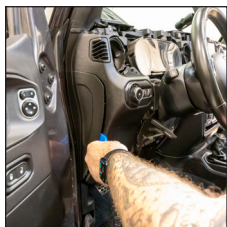


- ⑥ This will expose (8) screws securing the instrument panel cover, and airbag cover.

## DISASSEMBLY

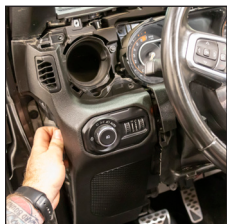
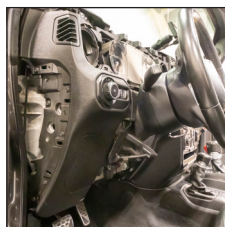
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- ⑦ Unclip the steering column cover and remove from the vehicle. Remove the (2) screws from the bottom of the instrument panel.



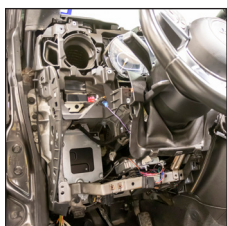
- ⑧ Open the drivers' door and remove the dash side panel with a pry tool.

- ⑨ There will be five screws exposed that need to be removed next.



- ⑩ Remove the remaining (5) screws holding the driver side speaker panel in place, unclip the headlight switch harness and remove panel from vehicle.

- ⑪ Next you will need to remove (4) 10 mm screws and (1) 8 mm screw securing the metal brace at the bottom of the dash.

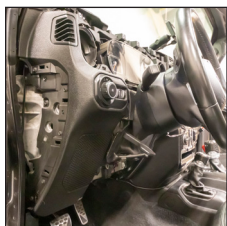
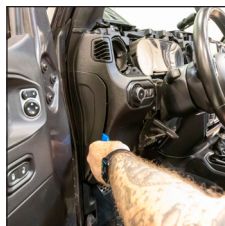


- ⑫ Remove the (3) bolts securing the speaker pod to the dash and unclip both harnesses from the pod. There is an electronic module attached to the back of this pod that will be reused later for reassembly.

## DISASSEMBLY

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- ⑬ Repeat Step 8, open the front passenger door and remove the dash side panel with a pry tool.



- ⑭ This will expose (5) screws that need to be removed.

- ⑮ Next on the passenger side, unclip and remove the trim panel from the right side of the grab bar. This will expose the (2) 10 mm bolts fastening the grab bar.



- ⑯ Once the grab bar is removed, you will have access to another trim panel directly behind it. Unclip this trim piece and remove the (2) screws exposed.

- ⑰ Open the glovebox and unclip the hinge, open completely to remove it. There will be (3) screws exposed that need to be removed.

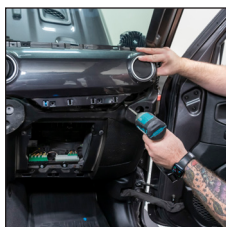


- ⑱ From the footwell area looking up into the glovebox opening, there will be (2) 13 mm screws used to secure the passenger airbag. Remove these screws and gently unclip the airbag cover.

## DISASSEMBLY

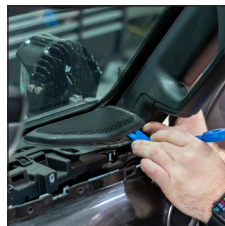
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- 19 Move the airbag cover forward just enough to access the (3) screws that are now exposed behind it.



- 20 You can now access the next speaker pod by pulling the dashboard panel out slightly and removing the (3) bolts fastening the pod. Unclip the harness and remove from vehicle.

- 21 Next the upper dash grille will need to be removed using a pry tool, followed by the speaker. Repeat this process for both sides.



- 22 You will now need to unbolt the passenger side seat by removing the (4) Torx T45 fasteners and un-clipping the wire harness.

- 23 Next you will need to remove the passenger side kick panel, and door sill panels using a panel pry tool. You will need to remove the rear drivers side door sill panel as well.

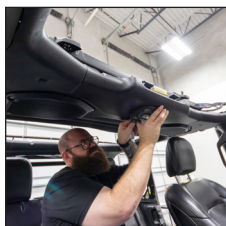
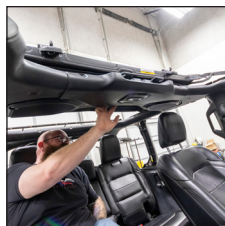


- 24 The next panels needing to be removed would be from the overhead trim. Take the passenger side front trim panel off by removing the T25 torx screws, and angle driver will aid in this. Unclip and set aside.

## DISASSEMBLY

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- 25 Next remove the rear passenger side panel. Take the T25 torx screws off, unclip, and set aside.



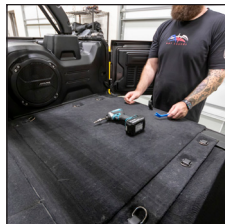
- 26 You will now be able to remove the panel that houses the dome light. To do this you will need to use a panel pry tool to disengage the clips holding the dome light in place. Unclip the harness and set it aside.

- 27 Now you can remove the T25 torx screws located at the front of the panel. Unclip and set it aside.



- 28 Next remove the passenger side B-pillar panel by removing the (2) 10 mm bolts fastening the grab handle, followed by un-clipping the panel and removing from the vehicle.

- 29 The vehicle is now completely disassembled and you are now able to begin the installation of the amp mount bracket.



# AMP BRACKET INSTALLATION

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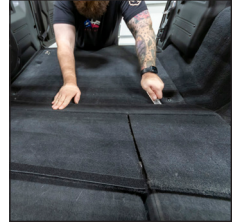
- ① We will move to the cargo area to begin the installation of the amp mount bracket.



- ② Remove the (4) hooks in the cargo farthest from the rear door area using a T40 torx bit. These will be re-installed later into the subwoofer enclosure.



- ③ Next remove the carpet panel behind the rear seat by unlatching the metal clips.



- ④ Install the metal amp bracket into the vehicle using the supplied hardware, with the spacers below the bracket. Get all (4) bolts started, then tighten completely.



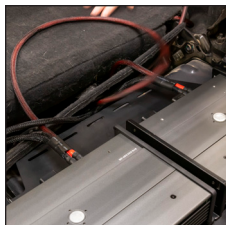
- ⑤ You can fasten the amp to the mount now using the hardware provided. (If you are doing the LVL2-T kit, you can install that amp at this time as well.)



# POWER HARNESS INSTALLATION

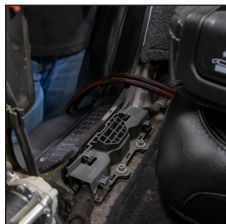
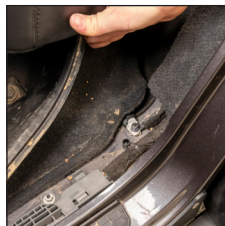
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- ① Begin by installing the power harnesses into the amplifier. The red ferrule will be inserted into the +12v terminal, while the black will go into the GND terminal.



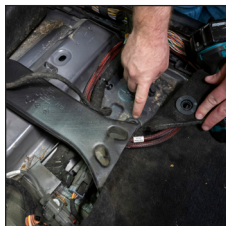
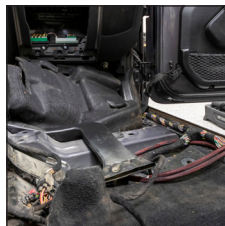
- ② Run the harness with the ring terminal to the driver's side of the vehicle. There is a ground junction stud with a 10 mm nut behind the sill plate cover.

- ③ Remove the nut, install the ring terminal, and reinstall the nut after. Tighten to ensure a good connection.



- ④ For the +12v side of the harness, it will run down the passenger side of the vehicle, following the factory wiring. We recommend installing the power harness inside the wire carrier, below the factory harness.

- ⑤ You will need to run the power wire up to the front passenger seating area. Under the carpet you will find a rubber grommet currently not in use.

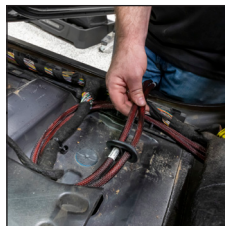


- ⑥ Remove this grommet and use the step drill bit to pierce a hole into the grommet large enough for the wire to be snugly ran through.

# POWER HARNESS INSTALLATION

You can now install the harness into the grommet.

- ⑦ Make sure the harness is inserted far enough that the label on the is beyond the grommet and not visible after reinstalling the grommet. This ensures enough wire is available to run to the battery.



- ⑧ Going under the vehicle you can route the harness along the frame toward the front of the vehicle. Fastening your new harness to the factory wire harness.

- ⑨ The power wire needs to run up the fender area toward the battery. Removing the inner fender liner will make this easier as well as a wire runner.



- ⑩ Prepare the fuse holder for install by fastening it to the metal bracket with the supplied M4 nuts and M4 15mm bolts.

Install this fuse assembly onto the fender area next to the battery. You will replace one of the fender bolts with the supplied M6 20 mm allen head hardware. The second mount will be an unused factory threaded location.

- ⑪

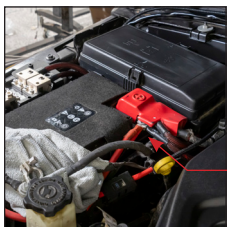


- ⑫ You can now fasten the power wire to the distribution block terminals located towards the front of the vehicle.

## POWER HARNESS INSTALLATION

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- 13 Next attach the battery power harness to the distribution block location directly across from where you attached the power wire in the previous step.



- 14 Connect the battery power harness with the eyelet to the positive side of the battery terminal. Use the threaded stud indicated in the picture.



# AUDIO HARNESS INSTALLATION

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①

We can now install the audio harness. We recommend beginning at the amplifier and working your way towards the front of the vehicle.



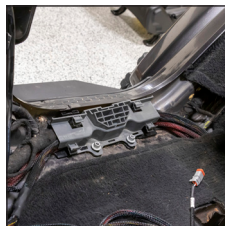
②

Connect the 14-pin input connector into the SYN-DX6 amplifier, followed by the 8-pin output connector.



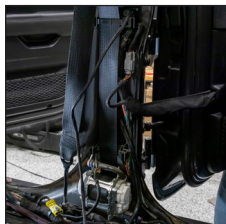
③

Route the harness toward the front of the vehicle on the passenger side following the power wire you ran earlier.



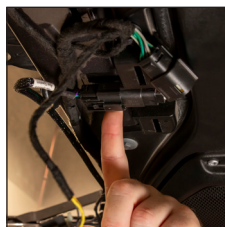
④

When you reach the b-pillar, you must route the 8-pin Rear Speaker harness up to the sound bar following the factory harness.



⑤

This connector will need to be used in place of the factory sound bar harness. Simply disconnect the factory harness, and connect the new audio harness to the sound bar.



⑥

Continue routing the main harness forward towards the passenger side foot well.



# AUDIO HARNESS INSTALLATION

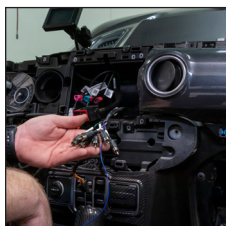
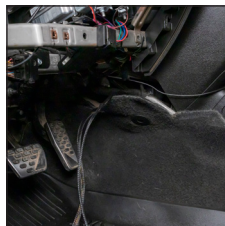
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- ⑦ You should next reach the front right speaker connector. Route this up the kick panel area where you will connect to the passenger side Front Speaker harness. at a later step.



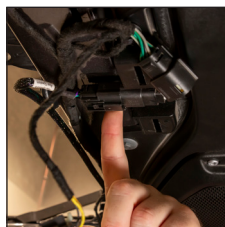
- ⑧ The rest of the main harness will route along the firewall and around to the bottom of the center console on the passenger side.

- ⑨ Now you will need to route the 2-pin front driver side harness, and the level control connectors under the dash to the driver side area. These connects will be connected at a later step.



- ⑩ Next you will run the RCA connectors and remote wire up the dash near the radio mounts. A wire runner will aid in routing this harness up the inside of the dash.

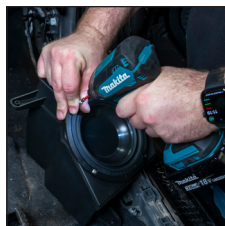
- ⑪ This will connect directly to an amplifier integration interface compatible with your Jeep, or any aftermarket radio.



# FRONT SPEAKER INSTALLATION

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- ① Prepare the front enclosure pods for installation into the vehicle. You will need to install the Front Speaker harness into each enclosure routing from the inside out. Make sure the grommet is seated properly.



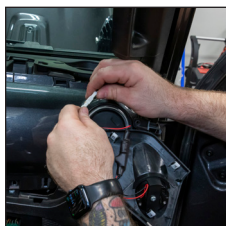
- ② You will need to reattach the control module removed on disassembly step 12. Use the original hardware for this step. Note that the orientation is slightly different to optimize the enclosure space.

- ③ The 6.5" component woofer can be installed into each pod using the connector on the harness and the hardware supplied in the speakers box.



- ④ To prepare the grills for installation, you will need to insert the tweeter into the new housing and fasten it with the M5 bolt supplied with the kit from the back. Make sure the wires are routed properly as to not become pinched in the bracket.

- ⑤ We can now install these parts into the vehicle starting on the driver's side. Install the assembled pod into the vehicle. These will mount using the factory hardware.

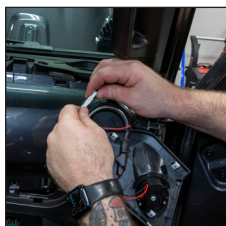


- ⑥ Connect the factory harness back into the control module and the shorter portion of the front speaker harness into the audio harness you ran under the dash earlier.

## FRONT SPEAKER INSTALLATION

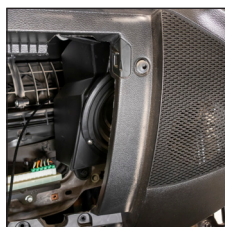
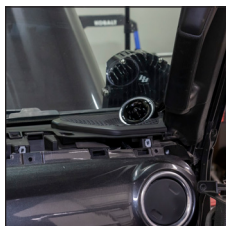
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- ⑦ You can now run the longer portion of this harness to the top of the dash where the tweeter will be housed.



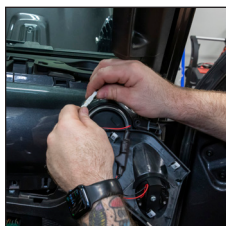
- ⑧ Connect the tweeter into the harness and snap the panel into position.

- ⑨ For the passenger side gently pull back the dash cover just enough to install the pod. Use the three factory screws to mount the pod back into position.



- ⑩ Connect the shorter portion of the front speaker harness to the audio harness you ran in an earlier step.

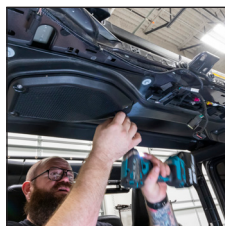
- ⑪ Run the longer portion of the front speaker harness up the dash toward the tweeter mounting location.



- ⑫ Connect the tweeter to the harness and snap the panel into place.

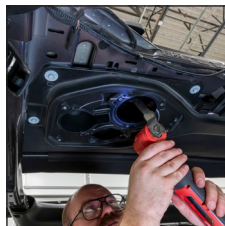
## REAR SPEAKER INSTALLATION

- ⑬ Remove the factory grills and speakers from the rear soundbar. Remove the four torx bolts mounting the ports into each side of the sound bar as well.

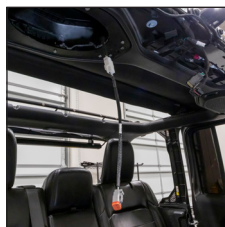


- ⑭ Mount the 6x9 adapter plate to the sound bar using the hardware provided and mark where it needs to be cut. Remove the adapter plate after marking so that it does not get damaged.

Using an oscillating cutting tool or an air saw, cut the material to make clearance for the 6x9 speaker. Use caution as to not cut too deep as the top portion of the enclosure comes close in certain areas. Cut around any threaded inserts, or plastic pieces that will prevent the plate from sitting flat.



- ⑮ Plug in the Rear Speaker harness into the factory harness on both sides of the sound bar.
- ⑯ You can now permanently reinstall the adapter plate with the supplied hardware.

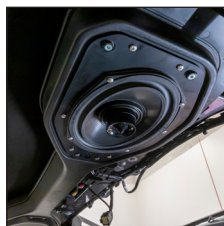


- ⑰ Connect the other side of the harness into the 6x9 speakers and mount with the supplied hardware.

## REAR SPEAKER INSTALLATION

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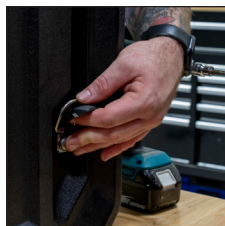
- 19 You can now install the new speaker grills using the original grill hardware.



# SUBWOOFER INSTALLATION

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- ① We will prepare the enclosure for installation by first attaching the four cargo hooks that you removed earlier. A hardware kit is provided with a large washer and nut for each hook.



- ② Connect the subwoofers to the box harness and mount using the hardware provided in the subwoofer boxes. Then attach the grilles by placing the grille in a 45° angle, apply downward pressure and twist clockwise to lock.

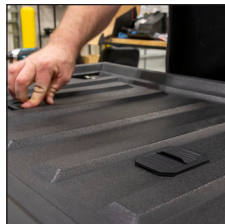


- ③ This is a great time to install the subwoofer box hinge brackets with the provided #10 screws (1.5" long) hardware (2 per side).



- ④ You can now turn the enclosure back over and install the subwoofer rear brace M6 25mm bolts and washers into the magnet of each subwoofer.

- ⑤ A rubber plug is provided to cover this hardware after installation.

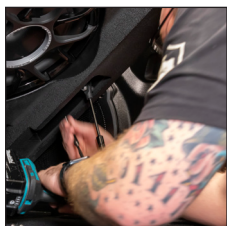
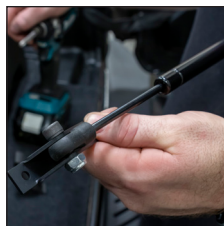


- ⑥ You can now place the loaded enclosure into the vehicle and fasten the rear hinge with the supplied clevis and snap rings.

## SUBWOOFER INSTALLATION

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- ⑦ Now we can assemble the lift support shock in preparation for installation. Fasten the enclosure bracket to the shock using the bolts and nuts provided. Repeat this step for both sides.



- ⑧ With the enclosure supported in the up position, screw the lift support shock and bracket to each side of the enclosure with the supplied screws.



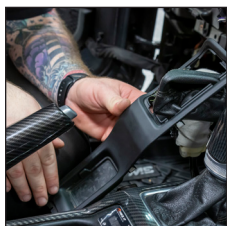
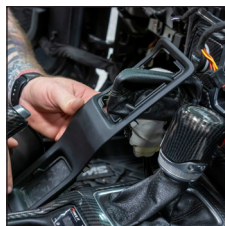
- ⑨ Install the shocks to the amp bracket using the supplied nuts and bolts. \*Keep allen head side facing in.



- ⑩ Connect the Subwoofer Output Harness to the enclosure, followed by the SYN-DX6.

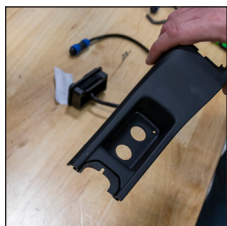
## LEVEL CONTROL INSTALLATION

- ① From the driver's seat remove the 4wd selector boot by gently pulling upward.



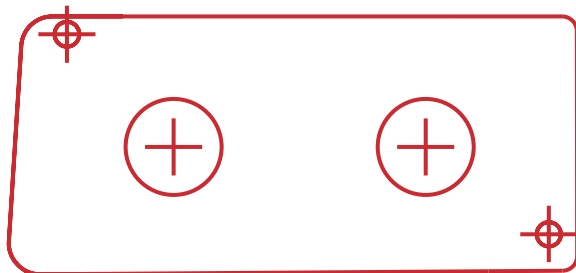
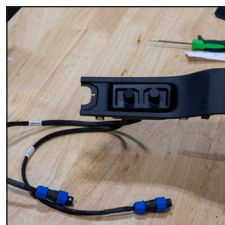
- ② Next remove the trim panel that surrounds this selector lever with a pry tool. Prying upward gently until all clips have disengaged. Remove this panel from the vehicle.

- ③ Remove the rubber mat from this panel and apply the supplied cut template in its place.



- ④ This will indicate the area to be cut. Use the step drill bit to cut the material for clearance and an 1/8" drill bit to drill the holes for the mounting screws.

- ⑤ Install the level control knob bracket along with the harnesses. Attach the bracket to the panel through the holes you drilled in the previous step.

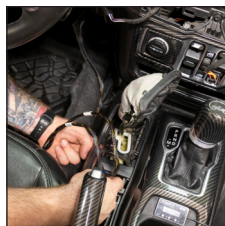


Cut Template

## LEVEL CONTROL INSTALLATION

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- ⑥ Now you can finish running the level control portion of the audio harness into the console and connect it to the level control knob.



- ⑦ Reinstall the panel and make sure the harness clears the 4wd selectors moving mechanisms.



# LIMITED WARRANTY

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## What This Warranty Covers

This is a "Limited" warranty. This warranty covers any defects in materials and workmanship and the warranty only applies to the original purchaser and is not transferable. This warranty is only valid if the original purchase was made from an authorized Wet Sounds dealer.

## How Long Coverage Lasts

This warranty runs for 2 years from the date of the purchase.

## What Is Not Covered

This warranty does not cover fading or discoloration caused by exposure to sunlight or chemicals such as ammonia, household bleach, or any cleaning material that contains abrasive substances. For information on how to prevent fading or discoloration, consult recommendations on cleaning products. Wet Sounds, Inc. does not cover the cost for removal and reinstallation of any kind. Additionally, shipping to Wet Sounds, Inc. is covered by the purchaser. This warranty is void and inapplicable if Wet Sounds deems that the product was abused or misused; including but not limited to Speaker product that has been improperly-powered (under or over powered), causing thermal (burnt voice coil) and/or mechanical failure (torn surrounds or spiders), damage caused by accident, mishandling, improper installation, negligence, normal wear and tear, excessive water or heat damage, freight damage or products that have been altered in any way. (The warranty is not transferable and will neither apply to products purchased from unauthorized dealers nor product owned by anyone other than the original purchaser from an authorized Wet Sounds dealer.) Wet Sounds is not responsible for any damages to a consumer's boat or person from a product failure. The warranty is void if Wet Sounds deems the product was installed or used improperly. Wet Sounds shall not be responsible for any incidental or consequential damages, except to the extent provided (or prohibited) by applicable law.

## What Wet Sounds, Inc. Will Do

Wet Sounds, Inc. will repair any part of your product that proves to be defective in materials or workmanship. In the event repair is not possible, Wet Sounds, Inc. will replace the product in question. If it is deemed necessary, Wet Sounds, Inc. will either replace the entire product with a refurbished unit or it will be replaced with a model that is similar in price if that model is no longer available. Labor cost and materials needed to complete this service will be at no charge to the purchaser. Additionally, the cost of shipping to the consumer is also covered under this warranty.

## How to Obtain Warranty Service

Contact Wet Sounds, Inc. either by phone at 877-938-7757 or by email at [warranty@wetsounds.com](mailto:warranty@wetsounds.com). A service representative will assist you in the necessary actions to verify that the problem that you are experiencing is covered under warranty. If it is in fact a warranty issue, Wet Sounds will issue an RMA number for tracking purposes and give instructions on sending the product in for evaluation.

## How State Law Applies

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

## Internet Warning

Wet Sounds, Inc. products sold on any unauthorized website or internet auction site are void of any and all manufacturer's warranty. Please contact Wet Sounds at 877-938-7757 or visit our website at [www.wetsounds.com](http://www.wetsounds.com) to search for an authorized site and/or an authorized retailer near you.

## Caution & Respect

Wet Sounds speakers can achieve very high sound pressure levels. Please use this product responsibly. Be aware that sound travels great distances across water so please respect other boaters especially while loading/unloading at the ramp or dock. Wet Sounds, Inc. is not responsible for any violations of the law that may be a direct result of excessive volume. Please abide by the rules but have fun doing it.





# JEEP-JL-LVL1-C Guide



PROUDLY  
DESIGNED  
IN THE  
**USA**

**Wet Sounds, Inc.**  
[www.wetsounds.com](http://www.wetsounds.com)  
877-938-7757

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