

### Warranty Statement

ThunderForm Loaded Enclosures purchased in the United States from an authorized MTX dealer are guaranteed against defects in material and workmanship for a period of two years from the date purchased by the end user, and limited to the original retail purchaser of the product.

Amplified ThunderForm Enclosures purchased in the United States from an authorized MTX dealer are guaranteed against defects in material and workmanship for a period of one year from the date purchased by the end user, and limited to the original retail purchaser of the product.

Product found to be defective during that period will be repaired or replaced by MTX at no charge. This warranty is void if it is determined that unauthorized parties have attempted repairs or alterations of any nature. Warranty does not extend to cosmetics or finish. Before presuming a defect is present in the product, be certain that all related equipment and wiring is functioning properly. MTX disclaims any liability for other incurred damages resulting from product defects. Any expenses incurred in the removal and reinstallation of products are not covered by this warranty. MTX's total liability will not exceed the purchase price of the product. If a defect is present, your authorized MTX dealer may be able to effect repairs.

Proof of purchase is required when requesting service, so please retain your sales receipt and take a moment to register your product online at [mtx.com](http://mtx.com).



## JEEP WRANGLER



### Vehicle Specific Subwoofer Enclosure

Made in the USA

MAXIMIZE YOUR SYSTEM'S  
PERFORMANCE

[streetwires.com](http://streetwires.com)

**STREETWIRES**



One Mitek Plaza, Winslow, IL. 61089  
1-800-225-5689 [mtx.com](http://mtx.com)

21A8396

**READ ALL DIRECTIONS CAREFULLY BEFORE BEGINNING**

**MOUNTING LOCATION:** The enclosure mounts behind rear seat, firing down, in Jeep Wranglers.

**TOOLS REQUIRED FOR INSTALLATION:**

- |                         |                        |
|-------------------------|------------------------|
| Powered Screwdriver     | Right Angle Skewdriver |
| 6" Bit Holder Extension | Wire Ties              |
| 10mm Wrench             | Utility Knife          |
| Phillips Screw Driver   |                        |

**INSTALLATION:** Follow the steps below

1. Flip rear seat to full forward position. This will give you more room to work with.
2. You may also want to remove the top to make moving around the vehicle, during installation, easier.
3. Place enclosure on the floor behind the rear seats with woofers firing down as shown below.



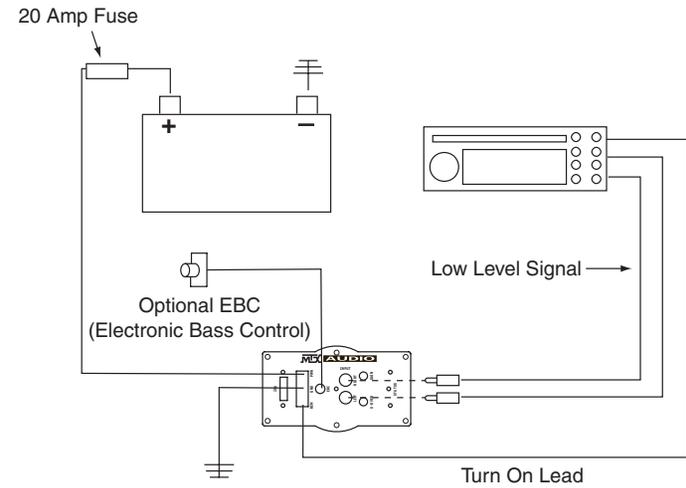
4. If externally amplified, make speaker connections to the enclosure from the amplifier. Connect speaker wires from amplifier to enclosure, positive to red terminal and negative to black terminal.

**AMPLIFIED THUNDERFORM**

**Routing Power Wire; we recommend a connection directly to the battery.**

*protect your eyes. Always provide ventilation.*

**Conventional Wiring of Aftermarket Radio**



be adjusted from the drivers' seat.

### Setting Crossover

You should set the crossover to your own personal listening taste. The crossover is adjustable to any frequency between 50Hz (counterclockwise) to 150Hz (clockwise). As a guideline, the goal is to create the illusion of bass up front. The higher the crossover point the more “audibly visible” your sub is going to be. Take your time and really listen to your system, grab a soda and a few of your favorite tunes and have fun.

### TROUBLESHOOTING TIPS IF AMP DOES NOT TURN ON

*Check all connections at battery and that fuse is installed*

*Check speaker wire connections*

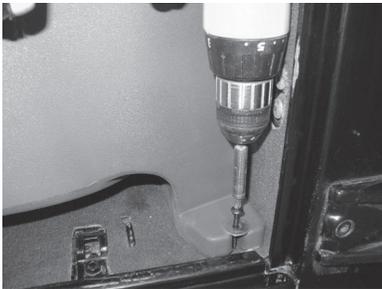
*Check ground*

*Check fuse on pre-amp*

**22.** Check wire harness under drivers' side threshold to be sure it's secure in its factory location and replace the three screw clips.

**23.** Using the supplied hardware, secure the enclosure to floor of vehicle.

**24.** Making sure the enclosure is at the far rear of the vehicle with the rear mounting feet pressed against the tail gate threshold, secure enclosure into place. Attach brackets to mounting feet on front of enclosure and secure to the sides of the cargo area using a right angle skewdriver as shown below.



**As always, before screwing or drilling check to make sure you will not damage any wires, hoses or cause damage to the vehicle.**

**25.** Flip the rear seat back and lock into place against your new enclosure.

**For technical assistance call 1-800-CALL MTX.**

*These instructions are guidelines only and in no way are intended to replace a professional installation. As always before screwing or drilling check to make sure you will not damage any wires or hoses or cause damage to the vehicle.*

**Warning:** Batteries normally produce explosive gases which can cause personal injury. Therefore, do not allow flames, sparks or lighted substances to come near the battery. When charging or working near a battery, always shield your face and

**5.** Locate the factory wire harness running under the drivers' side threshold.



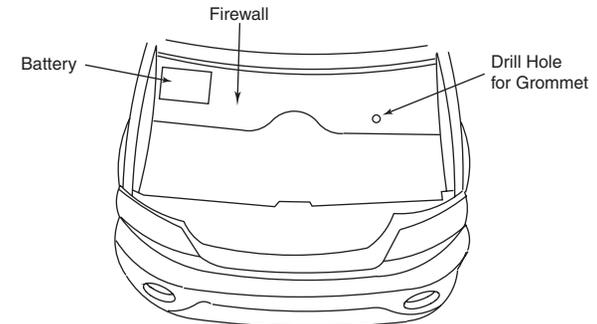
**6.** Use a Phillips screw driver to remove the three clips holding the factory wire harness under the door threshold on the drivers' side.

**7.** Make a small cut in the carpet located just under the pre-amp location of the enclosure. This will allow you to hide the wires under the floor mat.

**8.** Using the furnished wiring harness, route the 10ga red power wire starting at pre-amp location. Route wire to drivers' side, under the carpet following the factory wire harness to the front of the vehicle. Wire tie as you go to secure the wiring.

**9.** Open hood.

**10.** Drill a hole through the firewall. Locate a spot high on the fire wall on the drivers' side. You should always look to find a clear path. Drill a hole from inside of the vehicle into the engine compartment and insert grommet. You may also find a pre-existing, unused rubber grommet in this location that you can pass the wire through.



**Note: To avoid any damage to parts inside engine compartment, drill from inside of vehicle using a short bit.**

**11.** Route 10ga red power wire through a grommet into the engine compartment.

12. Route 10ga power wire through engine compartment safely away from any moving or hot parts that could damage the wire.

13. Cut 10ga red power wire to length, connect the supplied fuse holder from the wire kit to the end of the wire

14. Remove 20amp fuse from MTX fuse holder. Connect furnished ring terminal to positive side of battery. Remove 10mm nut from factory battery terminal. Place ring terminal on battery post and retighten nut.



### Ignition OFF When Disconnecting Battery

Always turn the ignition OFF when connecting or disconnecting battery cables. Failing to do so may damage electronic components.

15. Ground amplifier to chassis of vehicle; connect the terminal provided to the 10ga black wire from furnished wiring harness. A good ground is as important as the power connection. The ground should be as short as possible and the contact point should be free of paint and debris.

**As always, before screwing or drilling check to make sure you will not damage any wires, hoses or cause damage to the vehicle.**

### Factory Speaker Wire Colors

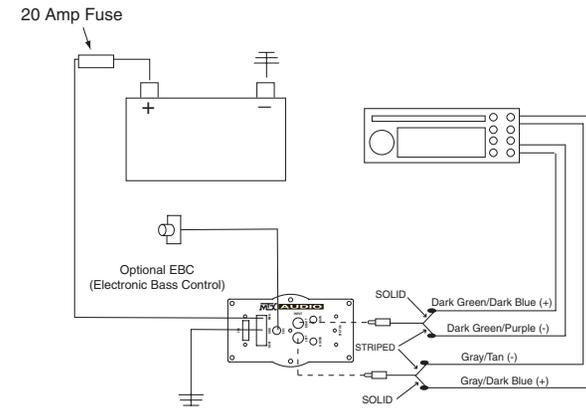
16. In the channel on drivers' side threshold, locate the left and right rear speaker wires. Wire colors for the left rear speakers are: Dark Green/Dark Blue (positive) and Dark Green/Purple (negative). The right rear speaker wire colors are: Gray/Dark Blue (positive) and Gray/Tan (negative). Tap into wires with the supplied RCA High Level input wires and route under the carpet to pre-amp of enclosure.

*Although, MTX has made every effort to assure proper wiring colors, MTX is not responsible for any changes made by the vehicle manufacturer which sometime occur. If wiring colors do not match the physical verification is required.*

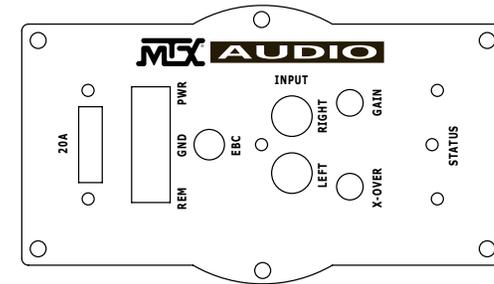
### CONNECTION TO ENCLOSURE

17. Connect speaker wire RCA's to the inputs of pre-amp.

*Note: Patented BTL turn on circuitry- amplifier senses DC offset provided by "high powered" or BTL type head units. This feature turns the amplifier on automatically if you are using high level inputs.*



18. Plug power wire harness into amplifier pre-amp.



19. Replace 20amp fuse under hood.

20. When amp turns on, LED will display red during diagnostic mode, and then green, signaling amp is on and functioning. Amp will only turn on when radio is on.

21. Adjust gain and crossover.

### Setting Gain

Turn gain knob on ThunderForm pre-amp to minimum, counter clockwise. Play a favorite tape or compact disc that contains consistent music and bass. Turn the source unit to maximum listening level. You may want to turn down the bass slightly on the source unit. You should know that some source units will produce distortion or "clip" before the unit reaches maximum volume. Reduce volume to the loudest listening level before distortion. Turn the gain knob on the ThunderForm pre-amp clockwise until the speaker starts to distort and reduce gain to loudest listening level before distortion.

**Optional-** The EBC, or Electronic Bass Control, allows a remote bass control to