Installation

Active Sound
Ford Ranger

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1. Disclaimer

The content listed in this manual is created with greatest possible care. The Cete Automotive GmbH assumes no responsibility for the completeness, topicality and accuracy for the listed content. The use of content takes place at the user‘s own risk. Therefore we - the Cete Automotive GmbH - assume no liability and responsibility for damages and defects, which arise from operation or incorrect handling and maintenance.

2. Copyright

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3. Safety Instruction

The installation can only be fulfilled by trained specialists. The installation has to be done while the car‘s battery is unplugged. The usage of the Active Sound Unit is only applicable for the car models mentioned in this mounting guideline. The installation has to be done step by step as it‘s described in this mounting guideline. The Cete Automotive GmbH does not take responsibility for damages, caused through:

- improper installation
- the usage of unsuitable connectors
- installations in not mentioned car models

The producer reserves the right to change components without giving reasons Errors and omissions excepted.

4. General Information

We ask you to read this manual thoroughly and completely and uphold to the given instructions. During the development we focused on safety, ease of use, design, innovative development, etc, to guarantee a high quality product for the consumer. Despite the greatest care improper installation and using or incorrect operation can result in material damages. Depending on the product and its purpose it may be necessary to check the legal requirements of the country before commissioning. To receive consideration for warranty claims the product hast to be send back with its original package, the proof of purchase and an error description. Please note the returns policies. The warranty regulations apply. The warranty claim and the operating permit expire through: unauthorized modification of the product, own repairing, violent impacts, improper use, opening the case.

5. General Remarks

Please note, that the Active Sound System is not approved for road use.

The Images and Content shown in this installation guide only serve as a help for you. Please remove the covers according to the repair manual of the respective manufacturer.

6. CAN-BUS Colors (key)

CAN-HIGH	Yellow/White
CAN-LOW	Yellow

CAN-HIGH	Green/White
CAN-LOW	Green

CAN-HIGH	Red/Blue
CAN-LOW	Red

CAN-HIGH	Yellow/Red
CAN-LOW	Yellow/Brown

CAN-HIGH	Orange/Black
CAN-LOW	Orange/Brown

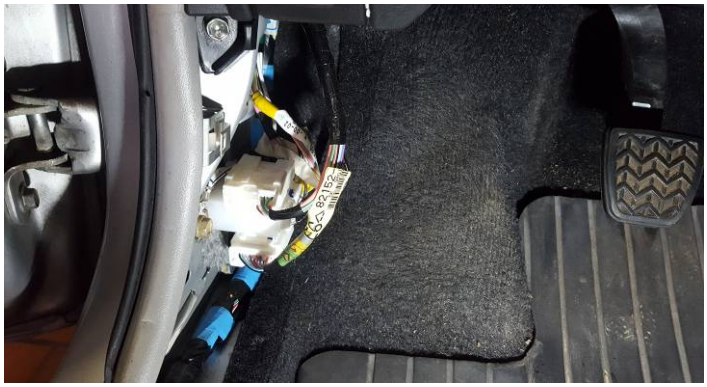
7. Electronic Montage



Step 1)
Open the driver's door. This is where the installation will take place. Stow the control units in the front.



Step 2)
Please remove the ledge of the entrance.



Step 3)
Please remove the cover on the left side and the storage compartment.

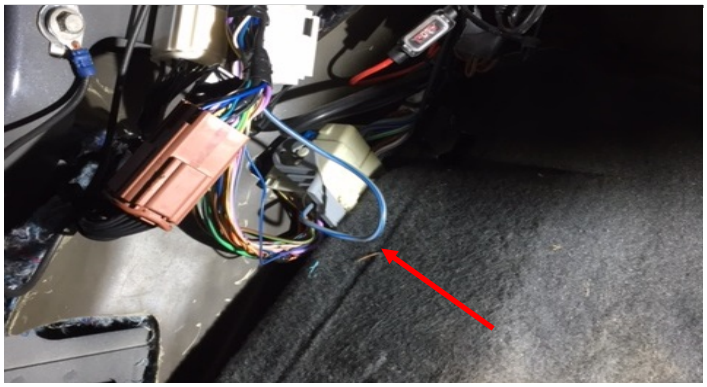




Step 3)
Locate the CAN-BUS at the OBD Port.
White/Blue = CAN-HIGH
White = CAN-LOW

Solder these wires. Don't use wire-tap connectors for the CAN.

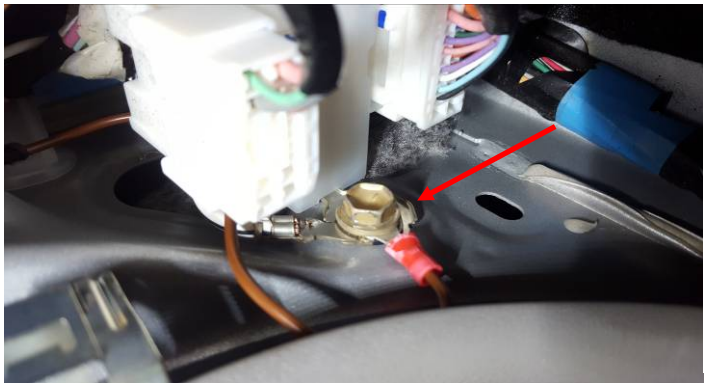
The CAN-BUS is always a twisted pair.



Step 4)
Please meter which wire has 12V after ignition (terminal15).

Electricity shouldn't flow longer than another seconds after switching off.

For example: The blue/grey wire.
(Please make sure to meter the wire)



Step 5)
Screw together the ground cable with the closest suitable ground connection station.



Attention: With some Ford models, terminal 15 will be switched off while engine start. That's why the sound system will start delayed.

In this case we recommend setting the Engine Launch at "0".

8. Appendix: Example images for the installation of the sound generator



Information
The picture shows a suitable installation position for the actuator. Avoid welding the upper side of the actuator. This could damage it. Furthermore welding shouldn't take place for too long because of the warmth, since the actuator shouldn't get to hot.
If you want to install the sound generator in the exhaust system, this happens on your own responsibility.











