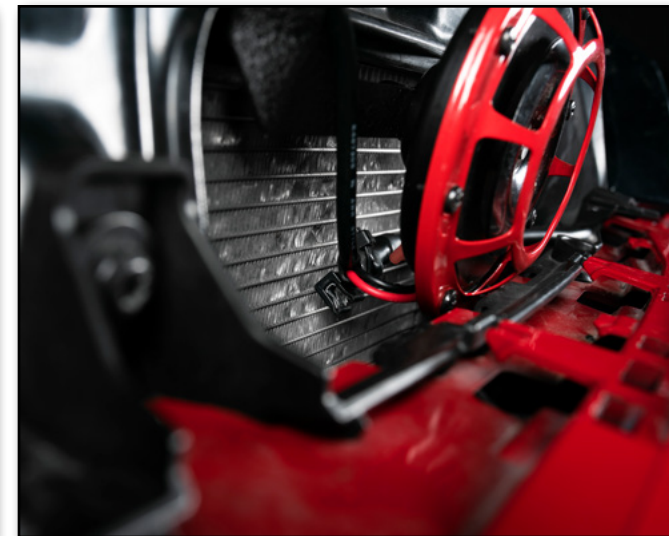
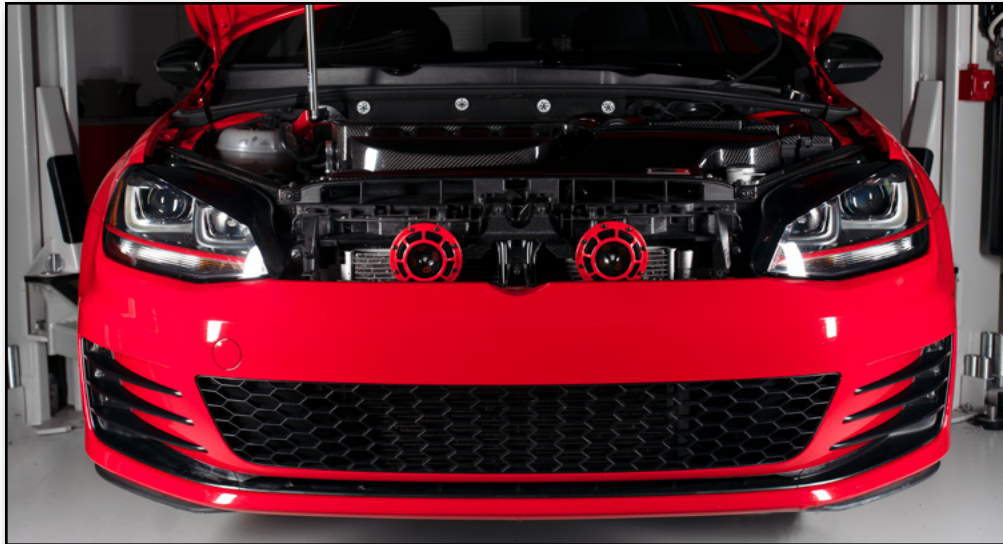




VW MK7 GTI Supertone Horn Kit Installation Instructions - [Click HERE to Shop](#)



Skill Level
1 - Easy
Basic Skills
Required



Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

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KIT CONTENTS



Horns



Horn Bracket



Plastic Hex Cap Nuts



Wiring Harness and Connector



Relay



Heat Shrink Cap

REQUIRED TOOLS

Note: The tools required for each step will be listed by the step number throughout these instructions.

Standard Automotive Tools

- Protecta-Sockets (for lug nuts)..... [ES#2221243](#)
- **3/8" Drive Ratchet**..... [ES#2765902](#)
- 3/8" Drive Torque Wrench..... [ES#2221245](#)
- **3/8" Drive Deep and Shallow Sockets** [ES#2763772](#)
- 3/8" Drive Extensions [ES#2804822](#)
- **Hydraulic Floor Jack** [ES#240941](#)
- **Torx Drivers and Sockets** [ES#11417/8](#)
- 1/2" Drive Deep and Shallow Sockets..... [ES#2839106](#)
- 1/2" Drive Ratchet
- 1/2" Drive Extensions
- 1/2" Drive Torque Wrench..... [ES#2221244](#)
- 1/2" Drive Breaker Bar [ES#2776653](#)
- Bench Mounted Vise
- Crows Foot Wrenches
- Hook and Pick Tool Set [ES#2778980](#)

Required For This Install

- **1/4" Drive Ratchet**..... [ES#2823235](#)
- **1/4" Drive Deep and Shallow Sockets**..... [ES#2823235](#)
- 1/4" Drive Extensions [ES#2823235](#)
- Plier and Cutter Set..... [ES#2804496](#)
- Flat and Phillips Screwdrivers [ES#2225921](#)
- **Jack Stands** [ES#2763355](#)
- Ball Pein Hammers
- Pry Bar Set..... [ES#1899378](#)
- Electric/Cordless Drill
- **Wire Strippers/Crimpers**
- Drill Bits
- Punch and Chisel Set
- Hex Bit (Allen) Wrenches and Sockets [ES#11420](#)
- Thread Repair Tools [ES#1306824](#)
- **Open/Boxed End Wrench Set**..... [ES#2765907](#)

Available On Our Website

Specialty Tools

- **VAG Connector Removal Tool** [ES#2628676](#)
- **Heat Gun** [ES#2938481](#)

INSTALLATION NOTES

- **RH** refers to the *passenger side* of the vehicle.
- **LH** refers to the *driver side* of the vehicle.
- Always use the proper torque specifications.
- If applicable to this installation, torque specifications will be listed throughout the document and at the end as well.
- Please read all of these instructions and familiarize yourself with the complete process **BEFORE** you begin.

GENERAL PREPARATION AND SAFETY INFORMATION

ECS Tuning cares about your health and safety, please read the following safety information. This information pertains to automotive service in general, and while it may not pertain to every job you do, please remember and share these important safety tips.

- Park your car in a safe, well lit, level area.
- Shut the engine off and remove the key from the ignition switch.
- Make sure any remote start devices are properly disabled.
- **ALWAYS** wear safety glasses.
- Make sure the parking brake is applied until the vehicle is safely lifted and supported.
- Whether lifting a vehicle using an automotive lift or a hydraulic jack, be sure and utilize the factory specified lift points.
- Lifting a vehicle in an incorrect location can cause damage to the suspension/running gear.
- **ALWAYS** support the vehicle with jack stands.
- **ALWAYS** read and follow all safety information and warnings for the equipment you are using.



NEVER get underneath a vehicle that is supported only by a jack, and **ALWAYS** make sure that the vehicle is securely supported on jack stands.

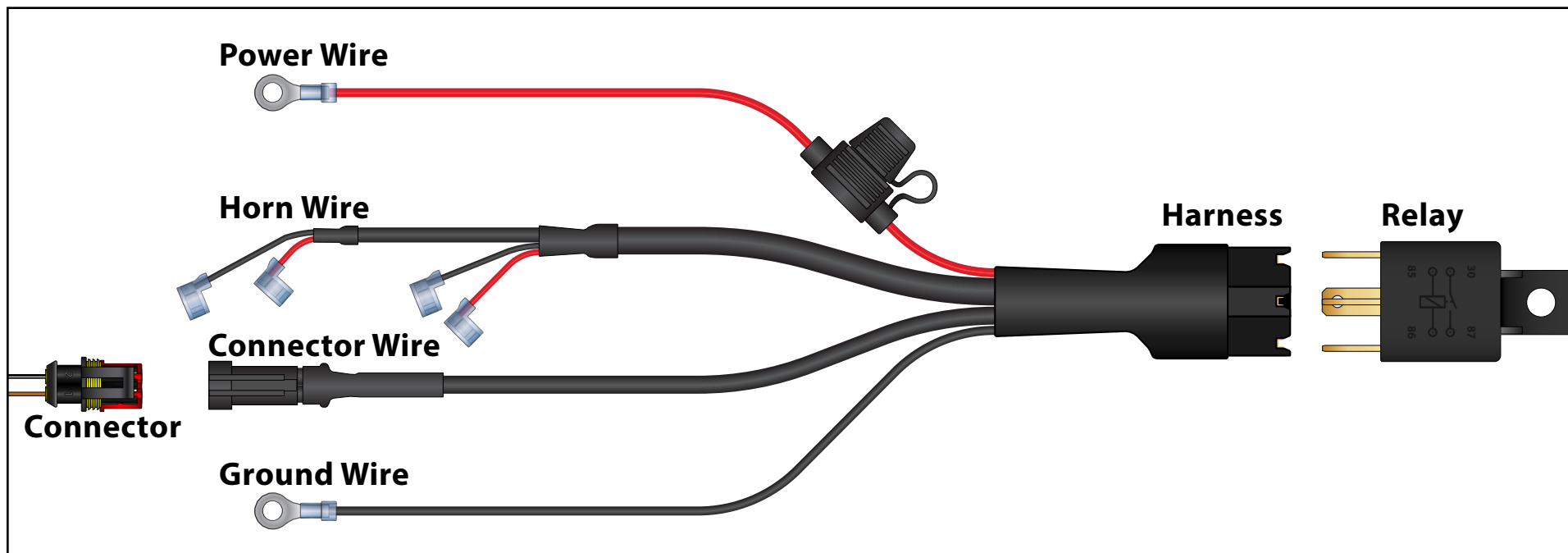
PROJECT OVERVIEW

Today we will be installing our Supertone Horn Kit, we have formulated these instructions to ensure that your installation goes off without a hitch. Take some time to familiarize yourself with the diagram below and read through these instructions before you attempt the installation.

Installation can be easily simplified into a few easy steps: first we have to find an appropriate place to mount the relay and harness then find a suitable power source and ground to connect to. Once we have tapped into a reliable power source and ground we have to disconnect the stock horns and pin a new connector so we can connect to our new harness. From there it's just a matter of installing the bracket, super horns and connecting them to the harness.

There are several places where you can mount the relay so choose the place that works best for your application. We chose to mount the relay just behind the headlight and use the fuse box as our power source, however what works best for your application may be different so use discretion when choosing a location. Please note that we removed several components such as the air intake and charge pipes for documentation purposes however removal of these components is **NOT** necessary to properly install your supertone horn kit.

Now let's get to it!



INSTALLING THE SUPERTONE HORN KIT

Step 1:

MK7 & MK7.5:

Remove the two screws which secure the front grille to the core support (arrows in **Photo #1**).

MK7 only:

First lift the grille upward to release the clips along the bottom from the bumper cover, then gently pull it forward and out of the core support (**Photo #2**).

MK7.5 only:

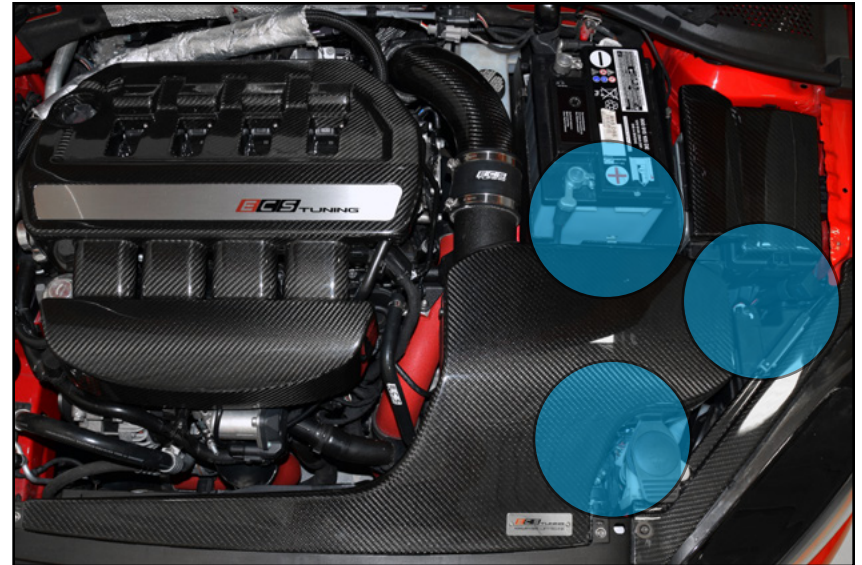
First pull the top of the grille forward to release the clips along the top, then pull the bottom of the grille forward to release the clips along the bumper cover (**Photo #3**). Don't forget to disconnect the wiring harness behind the VW emblem (not shown).



INSTALLING THE SUPERTONE HORN KIT

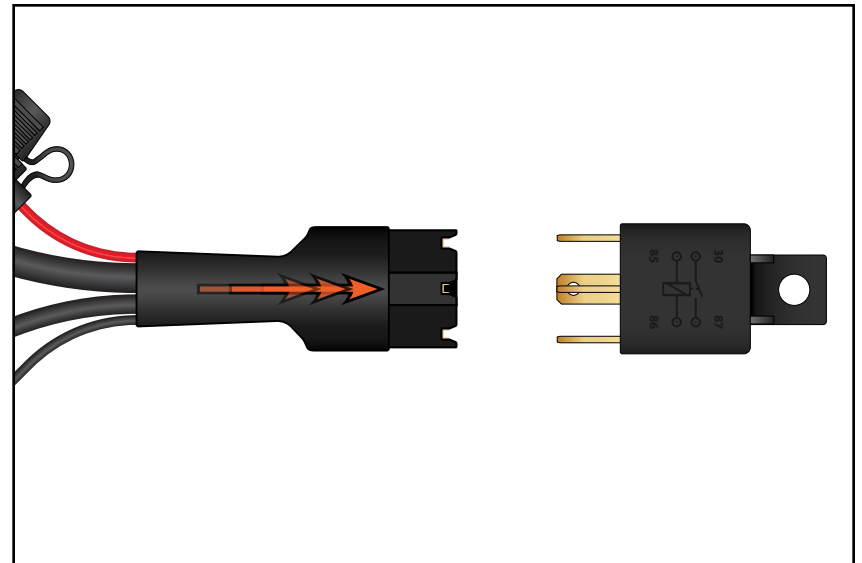
Step 2:

Find a suitable location to mount the relay which is in close proximity to your power source and ground. We have highlighted a few areas in this photo which show areas we found most convenient to mount the relay. We suggest mounting the relay in this approximate area to help make routing much simpler as the different wires have to travel less distance.



Step 3:

Install the included ECS harness onto the relay.



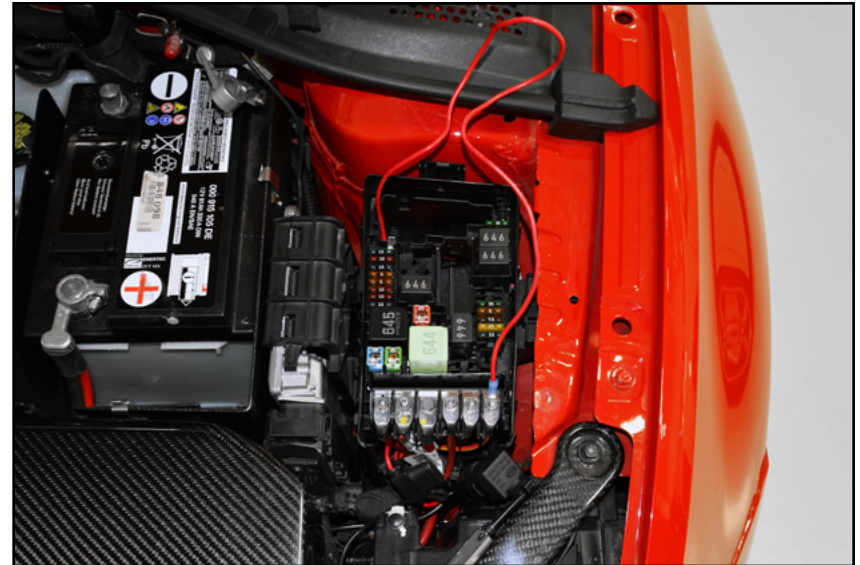
INSTALLING THE SUPERTONE HORN KIT

Step 4:

Route the power wire up into the fuse box or other suitable 12V power source and connect the ring terminal.



Use zip ties or electrical tape to secure the excess wire to other nearby wires to keep things nice and tidy.



Step 5:

Route the ground wire up to the chassis ground on the firewall or to another suitable ground, then connect the ring terminal to the ground.



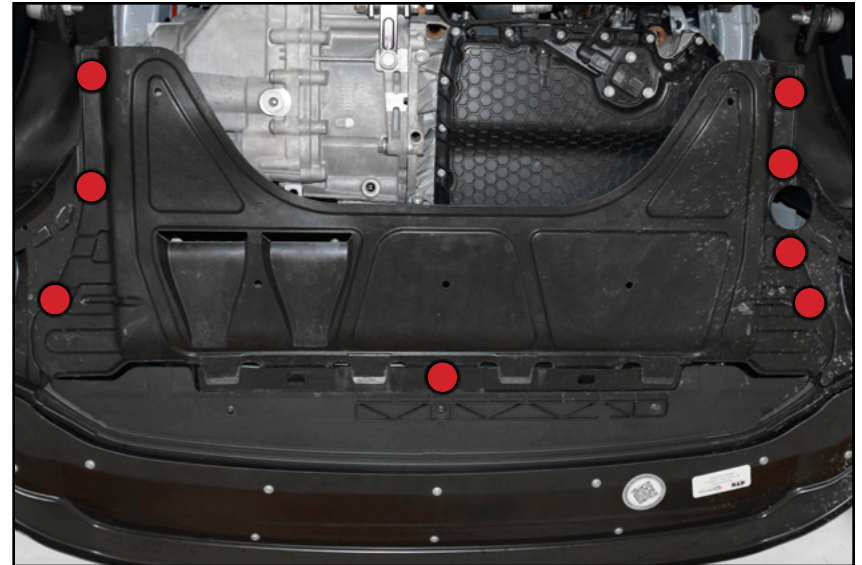
Use zip ties or electrical tape to secure the excess wire to other nearby wires or a clean OEM look.



INSTALLING THE SUPERTONE HORN KIT

Step 6: T25 Torx

Remove the eight fasteners securing the belly pan to the vehicle (highlighted in **RED**) and remove it.



Step 7:

Locate the LH horn connector on the LH side of the front bumper.



INSTALLING THE SUPERTONE HORN KIT

Step 8: VAG Connector Removal Tool

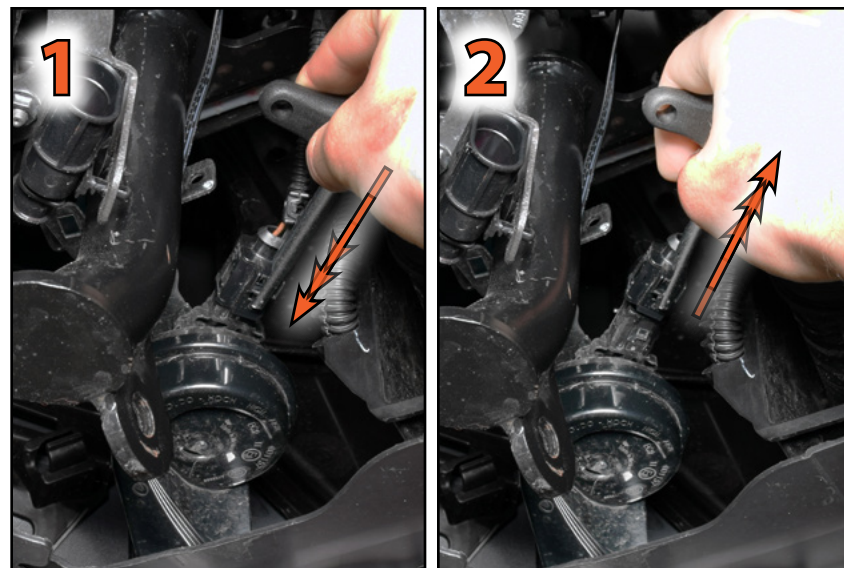
Using a VAG Connector Removal Tool ([ES#2628676](#)), release the locking tab on the connector, then slide the connector off of the horn.



Please refer to [Page 22](#) for detailed photos and procedures on using the VAG Connector Removal Tool.



If you do not own a VAG Connector Removal Tool, simply push the connector inward, release the tab by pressing it with your finger, and then pull it off, just be careful not to break the fragile tab.



Step 9: Wire Cutters

Remove the stock horn connector by cutting the two wires coming from the connector. Be sure to cut through the wires one at a time to prevent shorting the circuit.



Make sure to cut right behind the connector so that there is as much wire left as possible. You'll thank yourself later and if you ever wish to return to stock you will have enough length to do so.



INSTALLING THE SUPERTONE HORN KIT

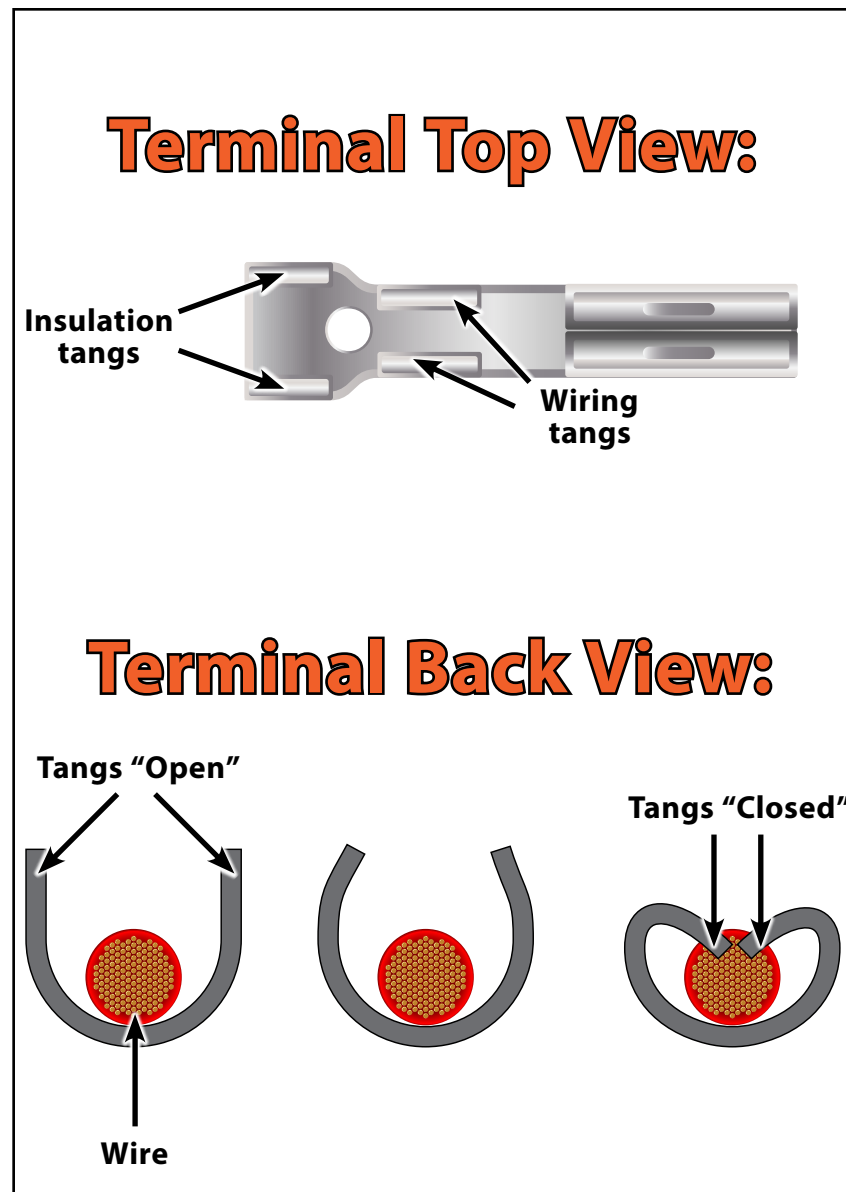
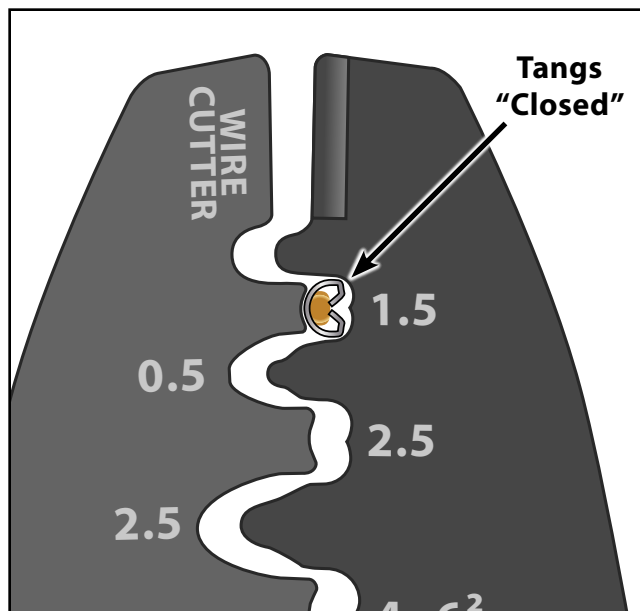
Step 10: Wire Stripper/Terminal Crimper Pliers

Now let's take a moment and look at how the new terminals need to be crimped. A proper pair of wiring terminal crimpers will take the "tang" on the terminal and roll them down and in, this makes for a solid and strong connection. Make sure that the "tang" are completely pressed down into the wire, and give the wire a quick tug to make sure it is secure.

The diagram on the right shows the tangs and how they "roll" inwards and down onto the wire/insulation, the "wiring tangs" are meant to crimp onto the exposed wire, and the "insulation tangs" are meant to crimp onto the wire seal.

This diagram shows a terminal being crimped inside the wiring terminal crimpers, notice how the tangs roll back towards the wire and secure it in place.

Please note: This style of crimp is for newer terminals, many old style crimpers WILL NOT have the correct crimp dies and WILL NOT work for this install. We suggest using our Schwaben Wire Crimper/Stripper Pliers ([ES3125768](#)).



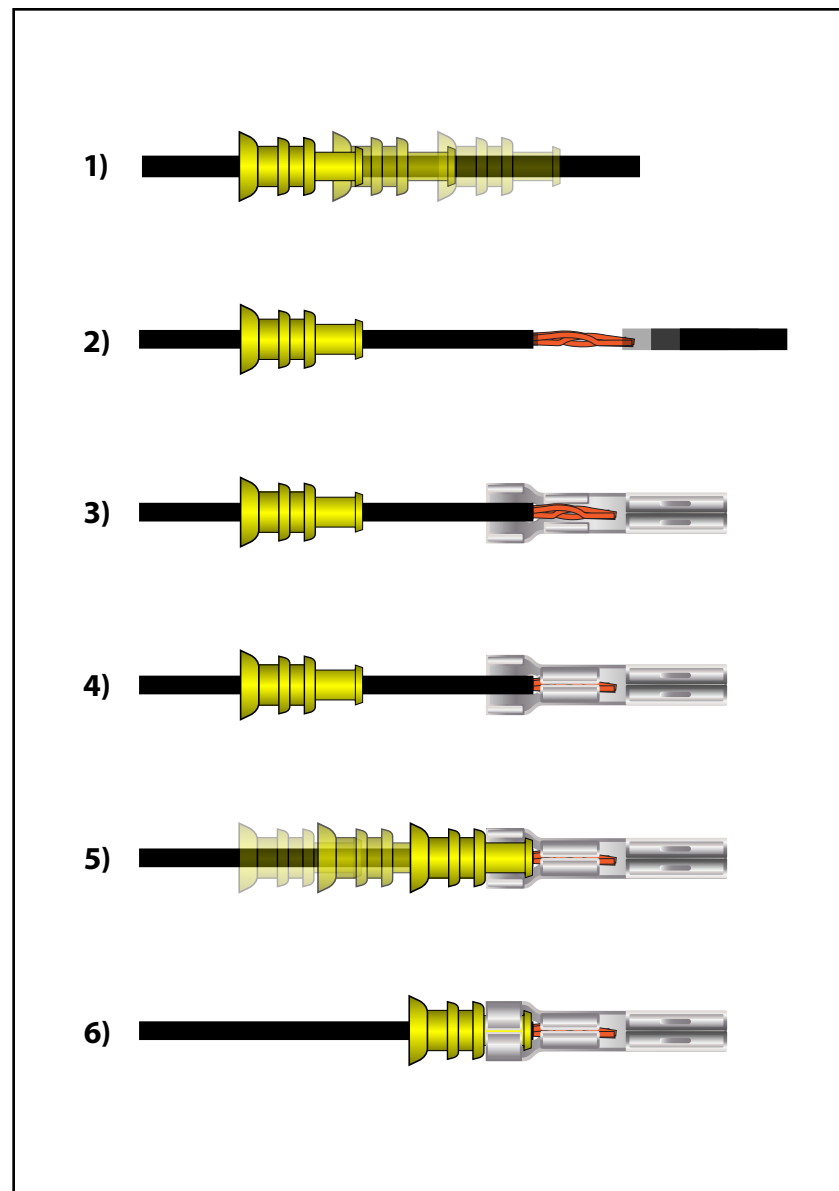
INSTALLING THE SUPERTONE HORN KIT

Step 11: Wire Stripper/Terminal Crimper Pliers

Please take a moment to familiarize yourself with the correct procedure for crimping a wiring terminal.

Looking at the illustration on the right we can see a pair of wiring terminal crimpers, these crimpers are used to close the “tang” on the terminal onto the wire and insulation, creating a firm and solid electrical connection.

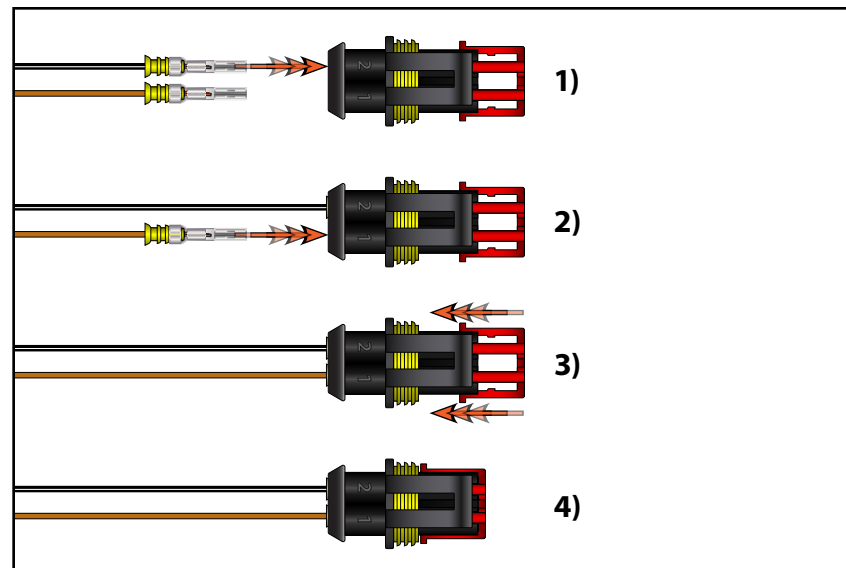
1. Slide the rubber seal onto the wire (**DO NOT** forget to do this **BEFORE** you crimp the terminal onto the wire).
2. Strip the wire back approximately $\frac{1}{4}$ ”.
3. Line up the wire in the terminal so that the exposed wire is lined up with the wiring tangs, and the insulation tangs are lined up with the wire insulation.
4. Insert the terminal into the appropriately sized crimping die, then squeeze the crimper until the wiring tangs are seated down onto the wire. #4 in the illustration shows us what the first crimp should look like, notice how the tangs are wrapped around the exposed wire. Gently tug on the wire to make sure the crimp is secure, if the wire pops out it may be possible to spread the tangs slightly with a small pick and then crimp the connection again.
5. Slide the rubber seal up the wire until the front of the seal is aligned with the insulation tangs on the terminal (see #5 in the illustration on the right).
6. Insert the terminal into the appropriately sized crimping die, then squeeze the crimper until the insulation tangs are seated down onto the seal. #6 in the illustration shows us what the finished crimp should look like, notice how the insulation tangs are wrapped around the wire insulation. This terminal is now ready to be inserted into the connector.



INSTALLING THE SUPERTONE HORN KIT

Step 12:

Now we have to insert the wiring terminals into the new provided connector. In order to do this we must insert each wire into the connector as far as it will go, then slide the red retaining clip to hold the terminals in place.



Step 13:

Route the connector end of the ECS Harness down to the new connector and make the connection. Use zip ties to secure the loose harness to nearby wiring harnesses for a clean look and to keep it from moving around.



INSTALLING THE SUPERTONE HORN KIT

Step 14:

Locate the RH horn connector on the RH side of the front bumper.



Step 15: VAG Connector Removal Tool

Using the same push then pull method, remove the RH horn connector from the horn.



INSTALLING THE SUPERTONE HORN KIT

Step 16:

Slide the disconnected RH connector all the way into the provided heat shrink cap.



Step 17: Heat Gun

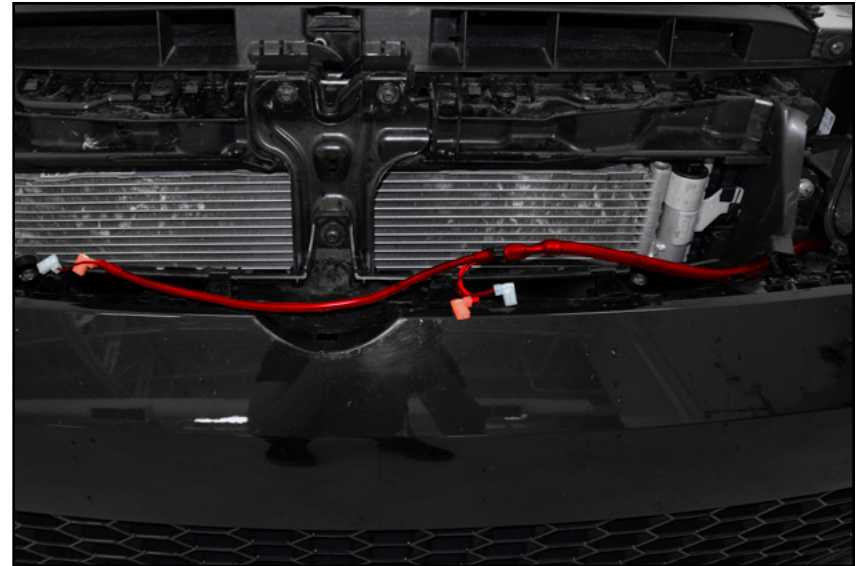
Using a heat gun or other suitable heat source, shrink down the heat shrink cap to prevent moisture from damaging the disconnected connector.



INSTALLING THE SUPERTONE HORN KIT

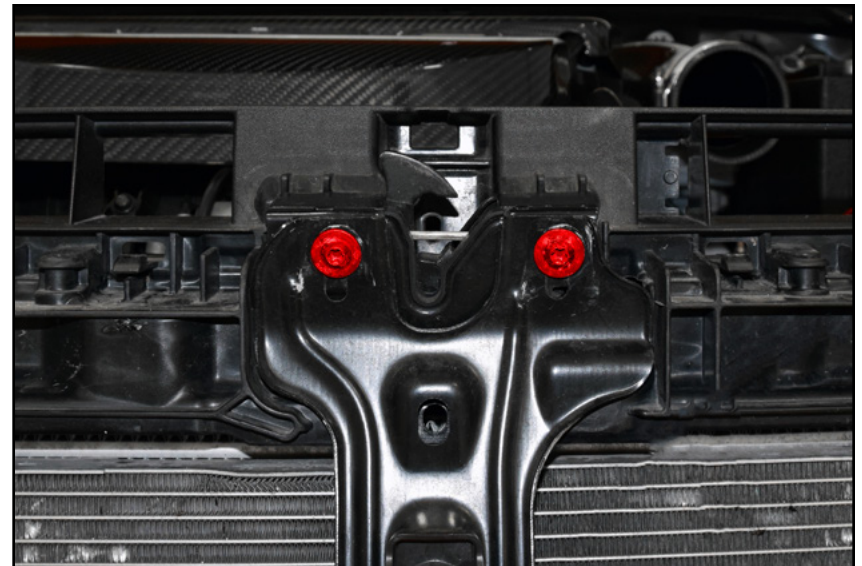
Step 18:

Route the flag terminal wiring harness (highlighted in **RED**) through the opening at the bottom of the LH headlight and across the bumper.



Step 19: T30 Torx

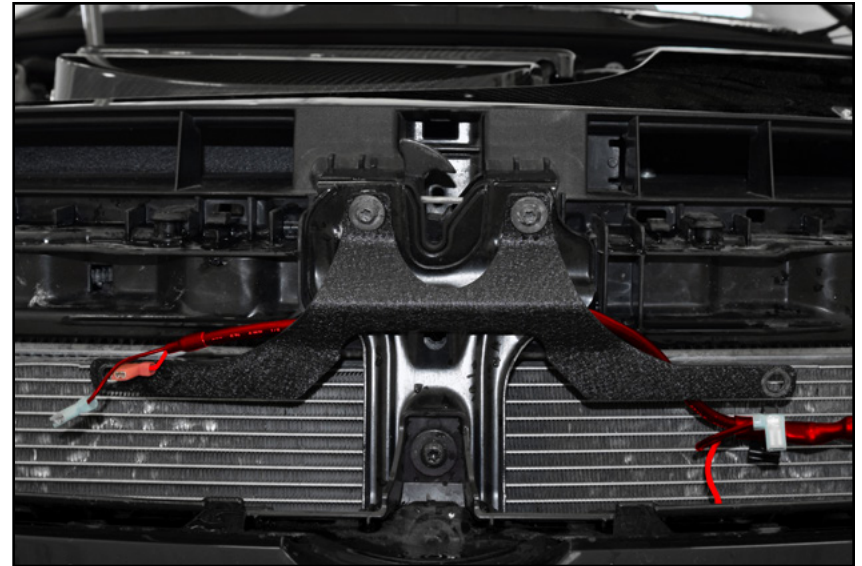
Remove the two screws (highlighted in **RED**) located in the center of the core support just below the hood latch.



INSTALLING THE SUPERTONE HORN KIT

Step 20: T30 Torx

Install the bracket in place using the two screws we previously removed, then slide the wiring harness (highlighted in **RED**) through the gap between the bracket and the core support.



Step 21:

On the RH side of the bracket, rotate one of the horns so that the tabs are facing upward, then insert the tabs of the horn into the flag terminals on the wiring harness.



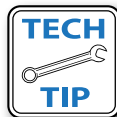
These flag terminals can be installed in either orientation, however we used the longer flag terminal wire to reach the tab on the horn that was the furthest away to keep things neat.



INSTALLING THE SUPERTONE HORN KIT

Step 22: 13mm Wrench

Remove the nut from the back of the horn and insert the threaded stud on the horn into the RH hole on the bracket, then reinstall the nut and tighten it to install the horn.

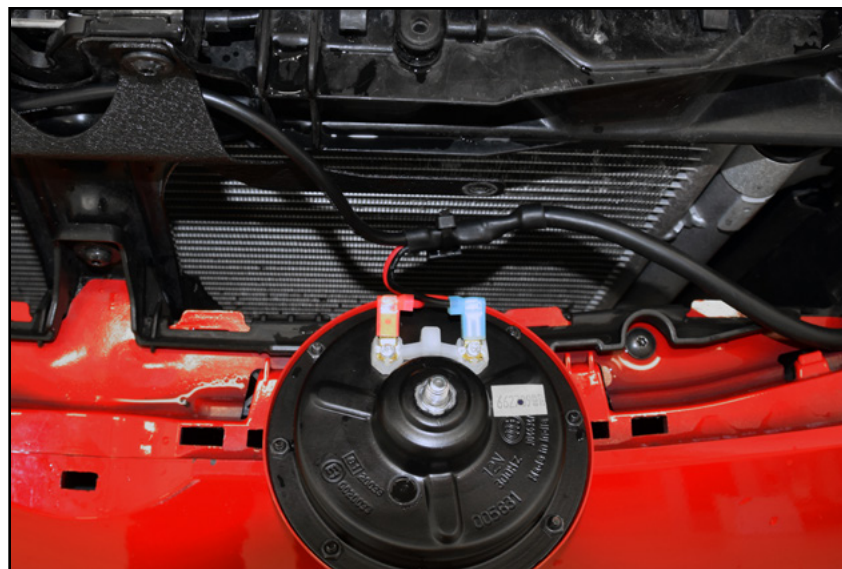


The nuts installed on the back of the horns are often difficult to remove, we found the easiest way to free even the most stubborn nut is to use a bench vise to clamp down on the nut, and then use both hands to rotate the horn to break the nut loose.



Step 23:

On the LH side of the bracket, rotate the other horn so that the tabs are facing downward, then insert the tabs of the horn into the flag terminals on the wiring harness.



INSTALLING THE SUPERTONE HORN KIT

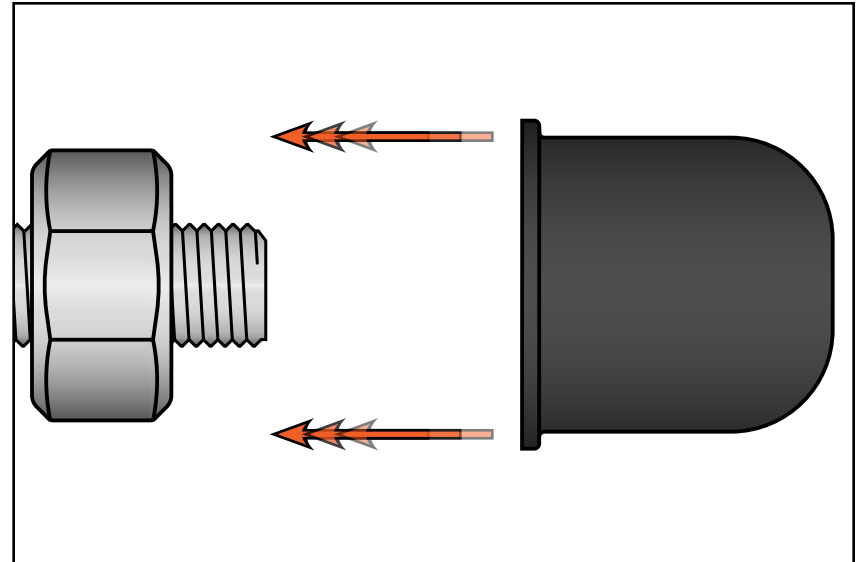
Step 24: 13mm Wrench

Remove the nut from the back of the horn and insert the threaded stud on the horn into the remaining LH hole on the bracket, then reinstall the nut and tighten it to install the horn.



Step 25:

Snap the included plastic cap nuts over the nut on the back of each horn to protect the fins of the A/C condenser from being damaged by the protruding threads of the horn.



INSTALLING THE SUPERTONE HORN KIT

Step 26:

Reinstall the grille.



If you are installing these horns on a Golf Alltrack, slight trimming of the backside of the grille will be required to provide adequate clearance for the new horns.

Step 27: T25 Torx

Reinstall the two screws on the top of the grill that retain the grille in place.

Congratulations, your installation is complete!



USING THE VAG CONNECTOR REMOVAL TOOL

Step 1:

These connectors are commonly referred to as “Push and Pull” connectors, in reference to the method used to disconnect them.



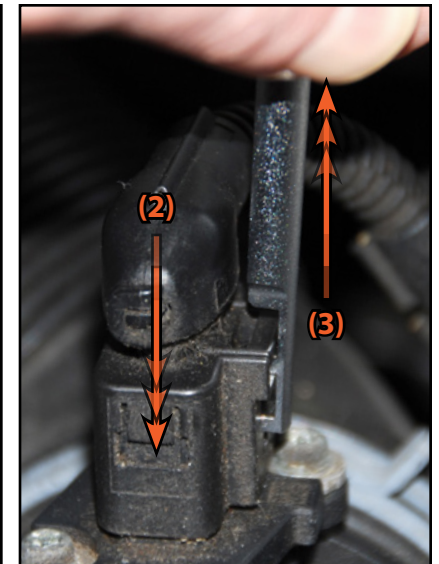
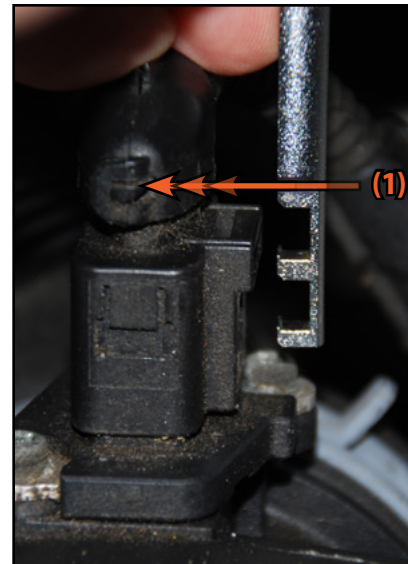
Step 2:

To disconnect one of these connectors, follow this procedure:

1. Engage the connector release tool into the connector housing.
2. Push inward gently on the connector.
3. While holding pressure inward on the connector, pull up on the handle of the release tool.
4. Pull the connector off of the component and move the harness out of the way.



To return to the Supertone Horn Kit instructions, simply click [HERE](#).



Your Supertone Horn Kit installation is complete!



These instructions are provided as a courtesy by ECS Tuning

Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

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