



KIT CONTENTS



Wiring Harness



Light Bar



Switch Bracket



M2 Hardware



Protective Film

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.

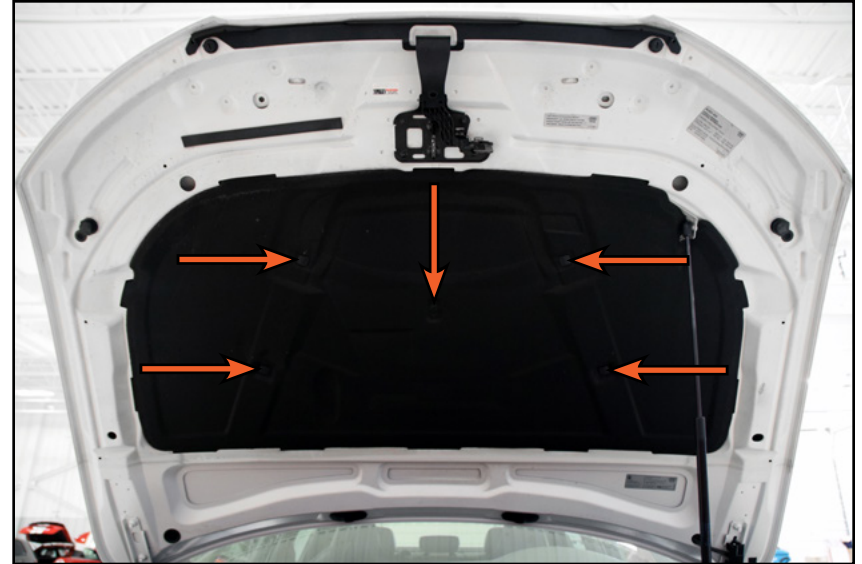


NEVER get underneath a vehicle that is supported only by a jack, and **ALWAYS** make sure that the vehicle is securely supported on jack stands.

INSTALLING THE ENGINE BAY LIGHTING KIT

Step 1:

Remove the five fasteners (arrows) which secure the hood insulation and remove the panel.



Step 2:

Feed a long piece of mechanics wire down from the upper opening in the hood down to the lower LH wiring harness grommet as shown.



INSTALLING THE ENGINE BAY LIGHTING KIT

Step 3:

Remove the grommet from the hood and wrap the end of the mechanics wire around the connector on the wiring harness.



Step 4:

Pull the wire back up through the hood, pulling the connector and wiring harness up to the upper opening in the hood as shown.



INSTALLING THE ENGINE BAY LIGHTING KIT

Step 5: 10mm Socket & Ratchet

Connect the light bar connector to the harness then remove the two nuts (arrows).



Step 6: 10mm Socket & Ratchet

Install the light bar bracket onto the hood latch studs and reinstall the two nuts (arrows).



INSTALLING THE ENGINE BAY LIGHTING KIT

Step 7:

Reinstall the wiring harness grommet (arrow) and cleanly route the wiring harness down along the OEM wiring harness as shown.



Step 8: M10 Triple Square

Remove the bolt (arrow) from the hood hinge bracket.



INSTALLING THE ENGINE BAY LIGHTING KIT

Step 9: M10 Triple Square

Install the switch bracket as shown and secure it in place with the bolt.



Step 10:

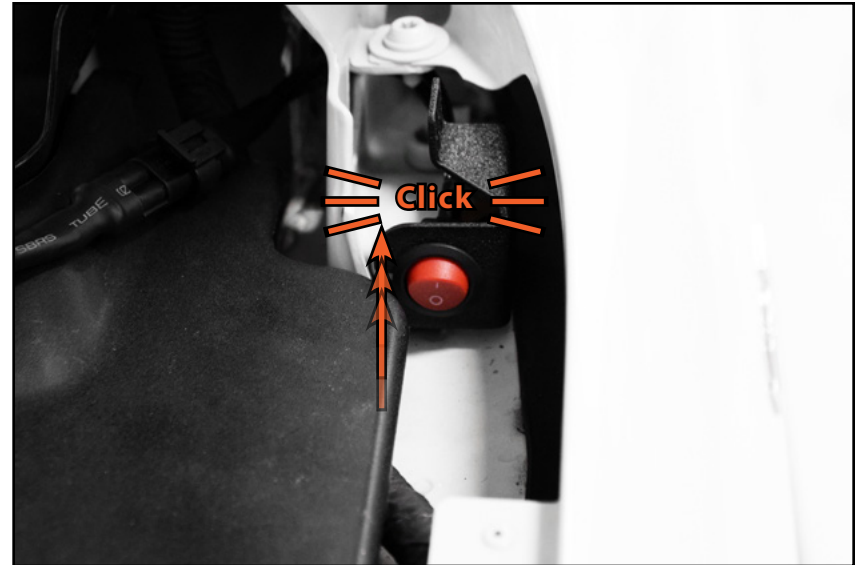
Pull the rocker switch through the opening in the hood hinge and pop the wires into the switch bracket as shown.



INSTALLING THE ENGINE BAY LIGHTING KIT

Step 11:

Push the switch into the bracket as shown.



Step 12:

Pull the micro switch through the hinge bracket as shown.



INSTALLING THE ENGINE BAY LIGHTING KIT

Step 13: 1.5mm Hex (allen), 4mm Wrench

Install the micro switch into the switch bracket using the provided M2 screws, washers, and nuts.



Slide the switch up or down until it is level with the top of the bracket as shown. It may be necessary to go back and adjust it again to ensure proper functionality.



Step 14: Flat Head Screwdriver

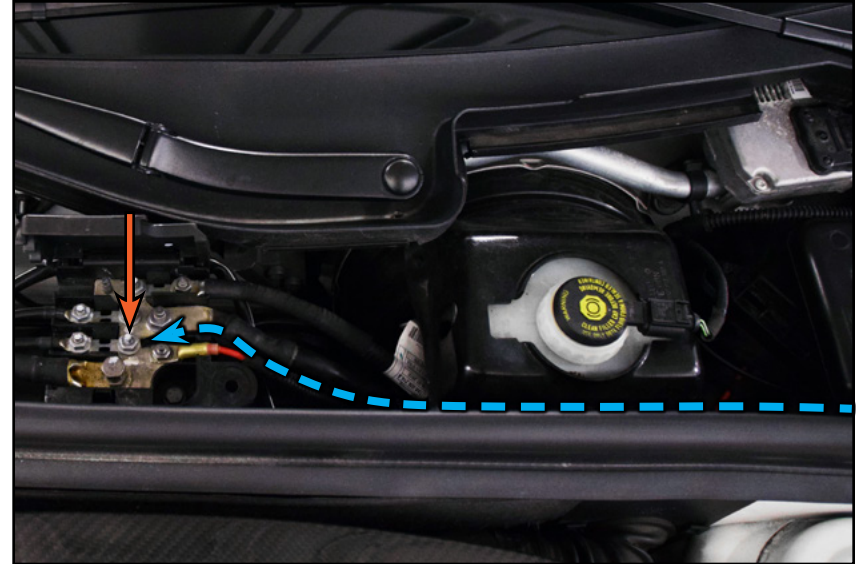
Unscrew the fastener (arrow) from either side of the rain tray and lift up to remove the rain tray.



INSTALLING THE ENGINE BAY LIGHTING KIT

Step 15: M10 Socket & Ratchet

Route the **positive (+)** wire over to the fuse box then slide the ring terminal over to the unused post (arrow) and reinstall the nut.



Step 16: M10 Socket & Ratchet

Route the **negative (-)** wire over to body ground post (arrow) then slide the ring terminal over the post and reinstall the nut (arrow).



INSTALLING THE ENGINE BAY LIGHTING KIT

Step 17: Flat Head Screwdriver

Reinstall the hood insulation panel and rain tray.



Step 18:

Install the protective film (highlighted in **BLUE**) on the underside of the hood to prevent the micro switch from rubbing away the paint over time. Test the light functionality and ensure the light turns off when the hood is closed, move the micro switch up or down if needed.

Congratulations, your installation is complete!



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Your Engine Bay Lighting 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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