

BEFORE YOU BEGIN

Read these instructions and check to be sure all parts and tools are accounted. Please retain these installation instructions for future reference.

IMPORTANT

This LED SPOTLIGHTS KIT is exclusively designed for your vehicle. Please read the installation instructions thoroughly before beginning. Installation is easier if the vehicle is clean and free of debris.

Note: Please refer to the installation video in the Amazon listing before your installation, or contact the seller for the installation video.

INSTALLATION INSTRUCTIONS

1. Shift vehicle transmission into "PARK". Turn key to "OFF" position and remove from vehicle.
2. Product image.



3. Remove the gold trim pieces on both sides of the vehicle's underside. Using a T30 socket wrench, remove the screws indicated by the arrows and the gold trim pieces, and set them aside for later use.



4. Remove the vehicle hood. Following the direction of the arrow in the image (turn counterclockwise), unscrew the locking screws, lift the hood upward, and remove it. Set it aside for later use.





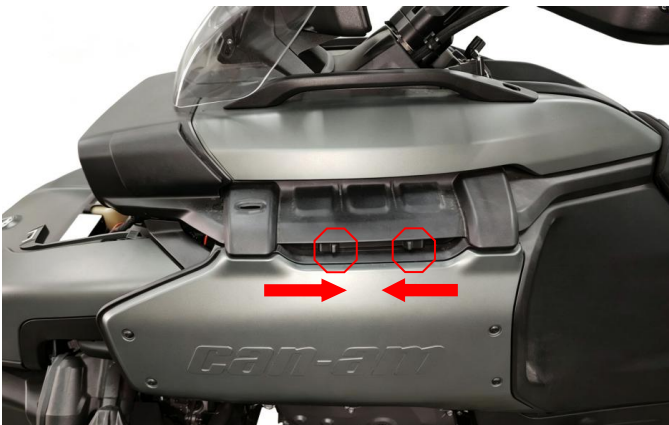
5. Remove the protective panels on both sides of the vehicle's fuel tank. Pinch the area circled in red in the image on the right between your thumb and index finger, and squeeze in the direction of the arrow. After squeezing, lift the panel upward, then pull it out. Set it aside for later use.

Note: Follow the same steps to remove the right-side protective panel.



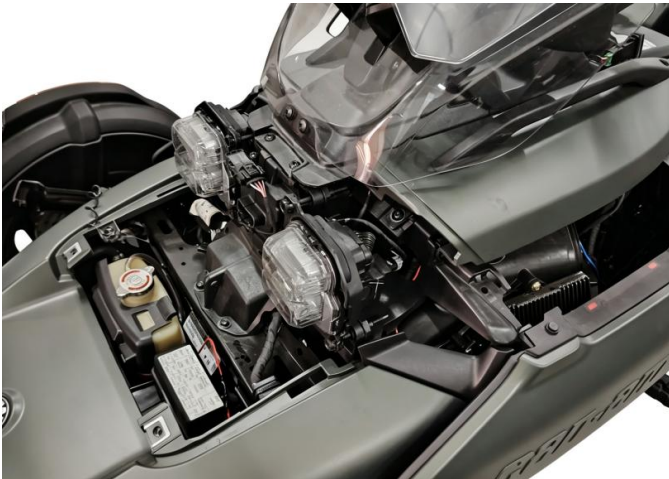
6. Remove the headlight trim frame. Detach the snap-fit clips on both sides (indicated by the arrows), then grasp both sides of the headlight trim frame with both hands and pull it forward toward the front of the vehicle. Set it aside for later use.

Note: The red circles indicate the locations of the snap-fit clips on the headlight trim frame.



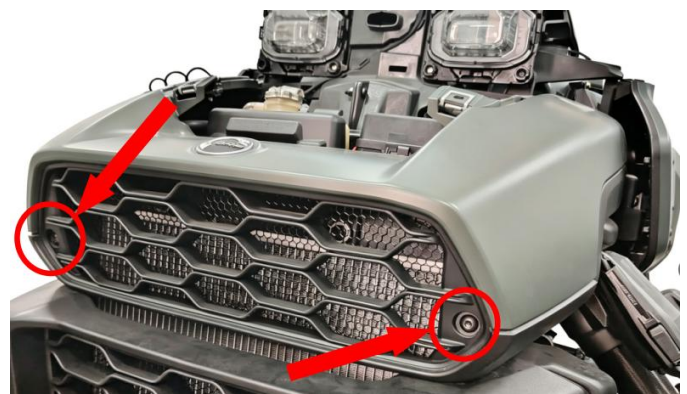


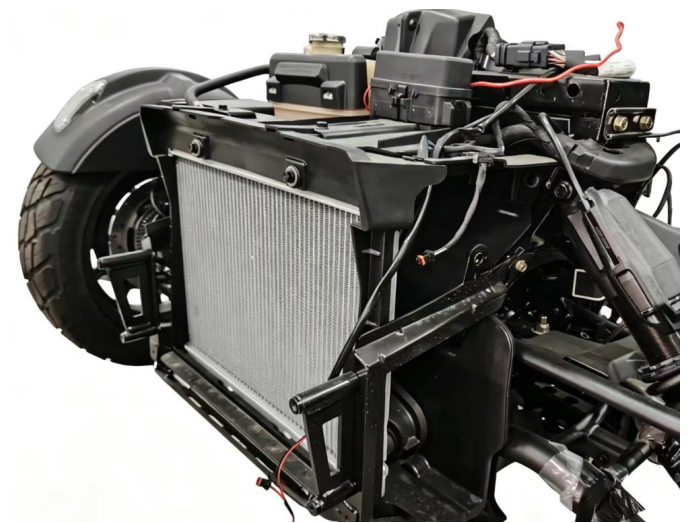
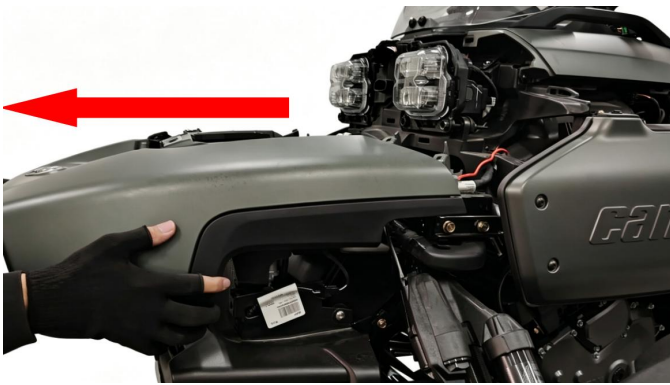
8. Remove the upper insect screen from the vehicle and remove the cover plate from Step 7 to reveal the internal hex screws. Use a T30 internal hex wrench to remove all the screws indicated in the image on the right (4 in total), and set them aside. Then, grasp both ends of the upper insect screen and pull it toward the front of the vehicle to remove it.



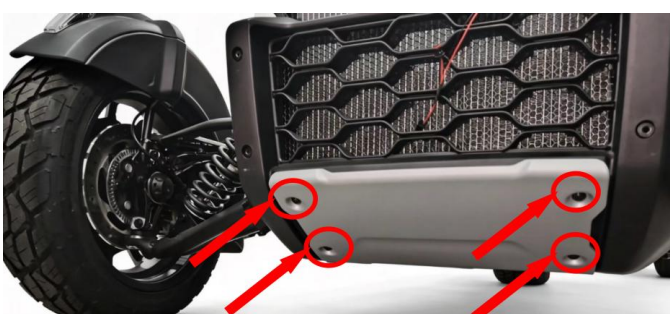
7. Remove the end covers of the insect screen above the vehicle. Use a pry bar to remove the cover indicated by the arrow, and set it aside for later use.

Note: The red circles indicate the latch points on the cover. Use the pry bar to pry firmly near these latch points. The same procedure applies to the right side.

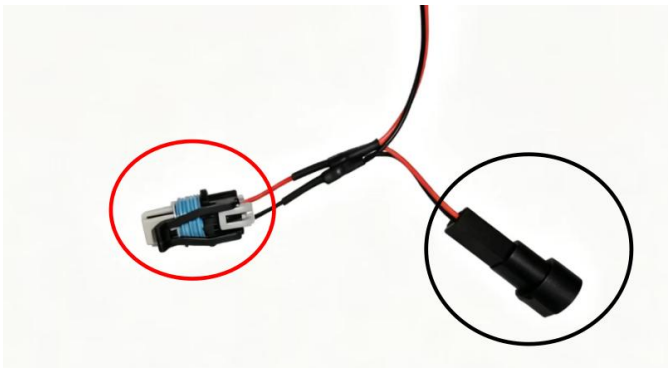




9. Remove the underbody insect screen. Using a T30 internal hex wrench, remove all the screws indicated by the arrows (6 in total) and set them aside. Disconnect the wiring harness connector on the left side of the underbody insect screen. Remove the underbody insect screen.



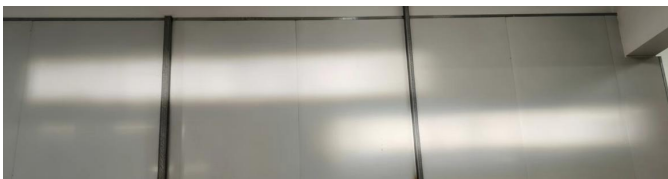
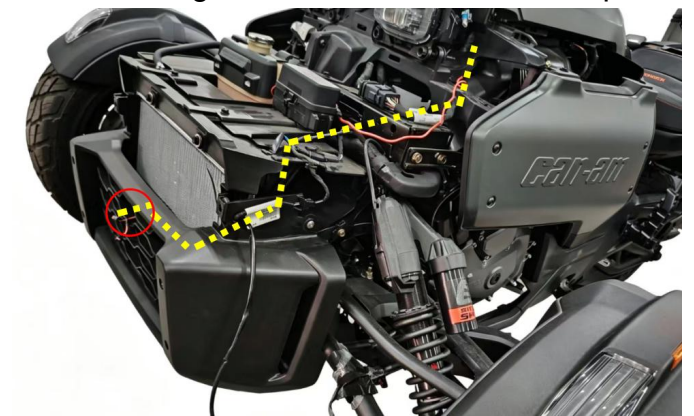
10. First, test whether the lights turn on properly (be sure to disconnect the adapter cable after testing). Start by unplugging the left high-beam headlight connector. Connect the plug inside the black circle on the adapter cable to the vehicle's wiring harness, and connect the plug inside the red circle to the headlight connector. Finally, connect the other end of the adapter cable to the spot light connector. Start the vehicle, turn on the high beam switch, and check if the lights illuminate properly. At the same time, check if the light beams are aligned in a straight line. If the two beams are misaligned, use a Phillips screwdriver to turn the screw beneath the headlight to adjust the beam position.



b. Use a T20 socket wrench to loosen the screw indicated by the arrow that secures the insect screen, thread the adapter cable through the screen, and then tighten the screw back in place.

c. View of the adapter cable after it has been threaded through the insect screen.

d. Reinstall the lower insect screen and secure it with the original screws as shown in Step 9.

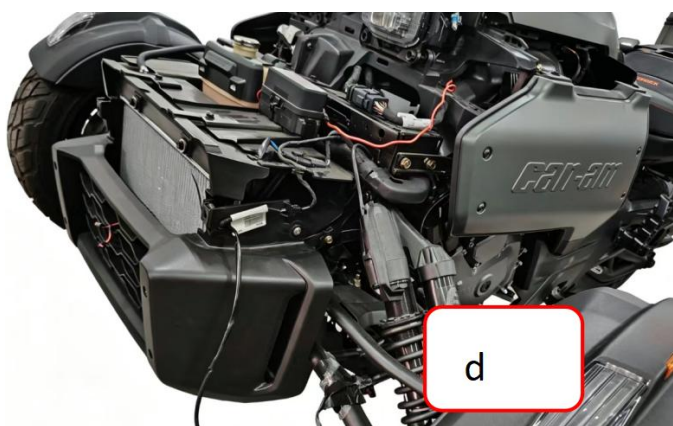


11. Install the spot light adapter cable. The routing of the adapter cable is shown in the figure below. Connect the adapter cable to the headlight as described in Step 10.

The following provides a detailed description of the installation of the wiring harness at the location circled in red.

a. Pass the end of the spot light adapter cable that plugs into the spot light through the cable grommet on the left side of the lower insect screen.





12. Install the spotlights in place, then connect the spotlights' plugs to the adapter cable. Refer to Step 3 to secure the gold trim pieces at both ends of the spotlights, and tighten the original vehicle screws.

Reverse Steps 8 through 2 to reinstall the vehicle trim panels.



13. To adjust the lighting:

Use a Phillips-head screwdriver to turn the adjustment screw clockwise to raise the beam angle, or counterclockwise to lower it (as shown in the figure).



14. Installation complete.

