



SUPREME ELECTRIC REAR STEP

Next GEN Ranger (2022+)

Suits Factory Rear Bumper

INSTALLATION MANUAL

Supreme Electric Rear Step – Next GEN Ranger (Factory Rear Bumper)

SUPREME ELECTRIC REAR STEP FOR FORD RANGER (2022+)

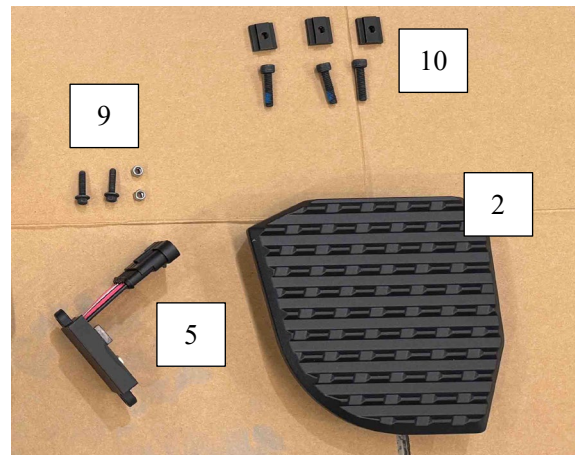
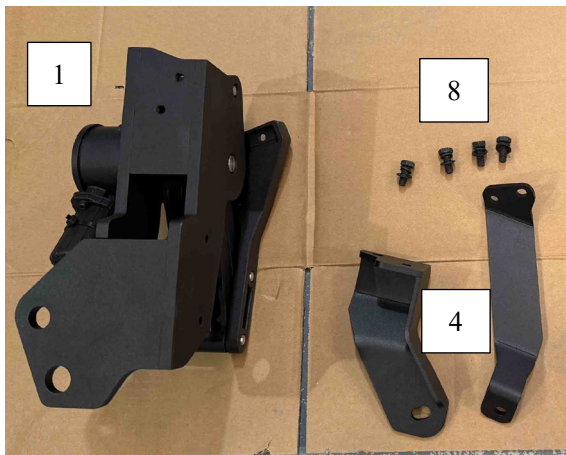
Before Installation

- Please read the instructions completely for easy installation, which will also help you to avoid scratches or other potential damage to your vehicle.
- The figures here are for reference only and may have small differences with the actual product you received.

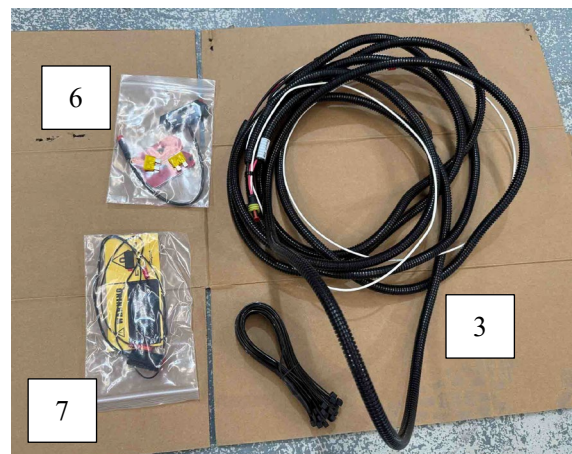
Care and Cleaning

- The product is car wash safe and can be cleaned & washed using regular car washing methods.
- For longevity and functionality, please periodically check and retighten all the hardware and clean any debris build up.

Parts List:



1. Electric Arm (1)
2. Step (1)
3. Harness (1)
4. Brackets (2)
5. Module (1)
6. LED Light (1)
7. Sensor & Magnet (1 each)
8. M8 Bolts (4)
9. M5 Bolts & Nuts (2 each)
10. Step Bolts & Nuts (3 each)

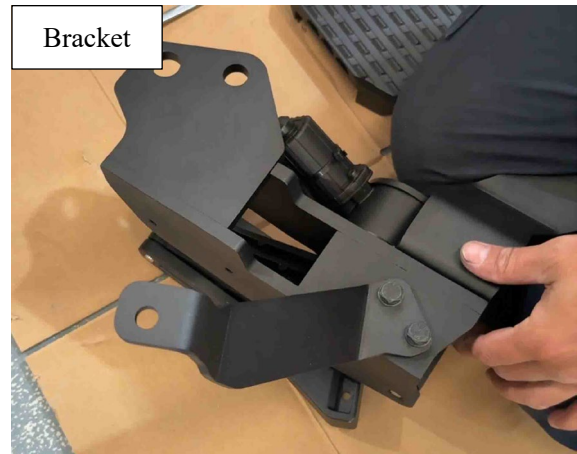
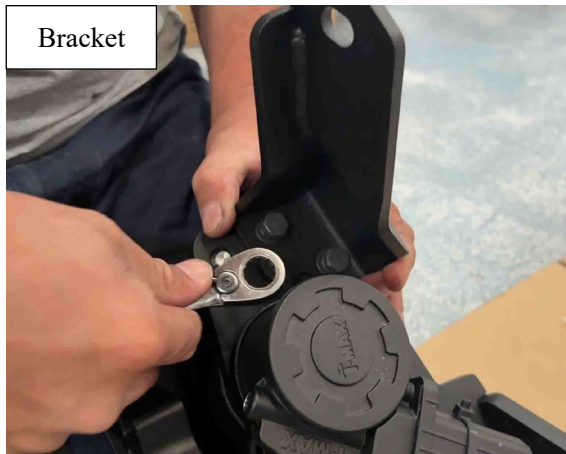


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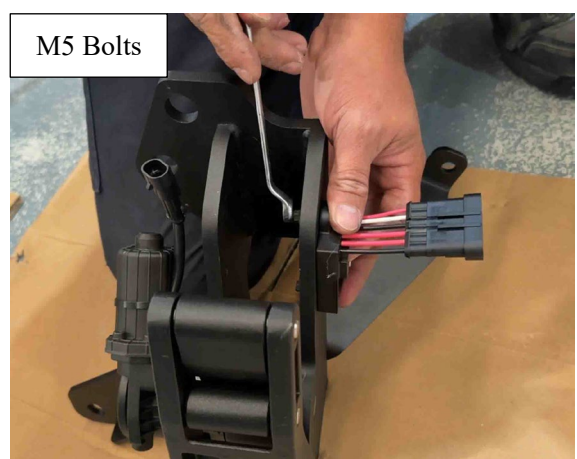
FIRSTLY: Verify that all parts are present before you begin.

NOTE: Any factory clips or screws you remove need to be kept as it may be used in later steps.

1. Connect the Brackets to the Electric Arm using the M8 Bolts, follow the images below.



2. Attach the Harness also to the Electric Arm using the M5 Bolts as shown below.



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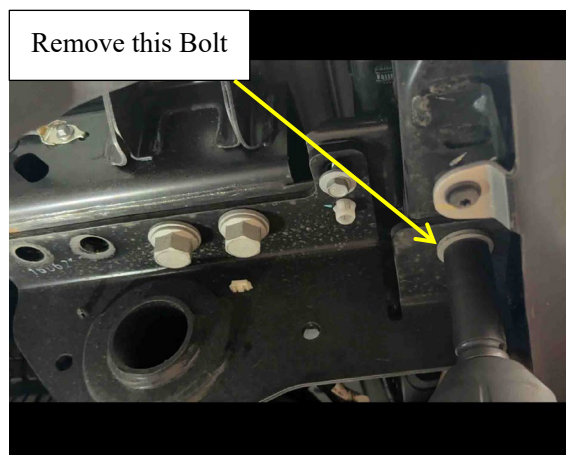
3. Under the rear passenger side of the vehicle, remove these 2 Factory Bolts (keep).



4. Across from those 2 Factory Bolts, there is another bolt that needs to be removed and kept.



5. 1 Last Factory Bolt to be removed and kept is also near the other ones removed as shown. All factory bolts that are removed must be kept to reuse in fitting on the Electric Arm



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- Fit the Electric Arm under the vehicle where the Factory Bolts were removed and use the same bolts secure in place (Be careful not to drop the Electric Arm on yourself).

Fit Electric Arm



Factory Bolt
from Step 3



Factory Bolt
from Step 4



Factory Bolt
from Step 5



- Connect the Harness to the Module, then connect the power plug of the Harness to the Motor of the Electric Arm.

Harness to
Module

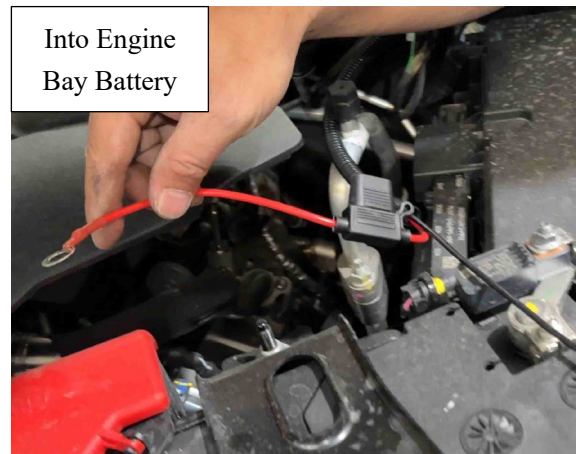


Connect
Power Plug



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8. Run the Black and Red Battery Terminal wires of the Harness to the engine bay.



9. Connect the Black Negative to the Ground point on the side of vehicle as shown.



10. Connect the Red Positive to the Positive Terminal of the Battery.



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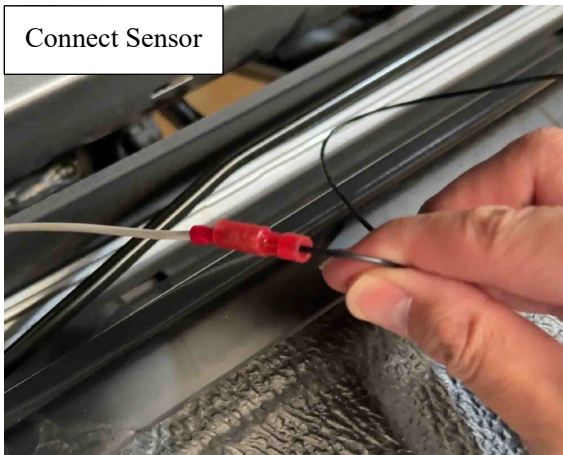
11. Run the White Wire with the Red Tip Connector up the gap of the Tailgate like shown.

Run up gap in tailgate

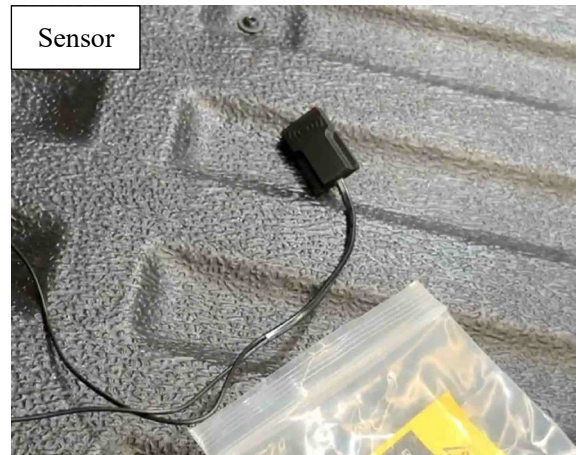


12. Stick the Ring Sticker on the front of the sensors, while the middle circle sticker goes on the back of the sensors.

Connect Sensor



Sensor



13. Stick the Sensor with the 3M tape in the position shown on the tail gate area above where the Electric Arm was fitted.

Sensor on Tailgate

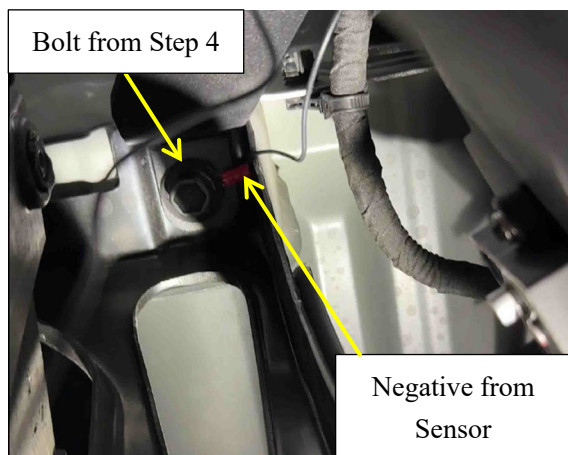


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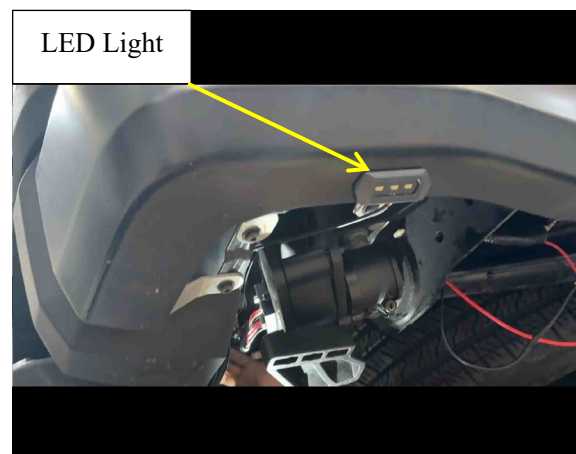
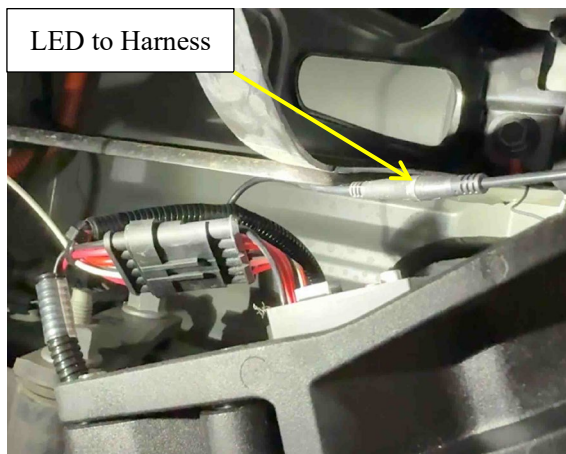
14. Now stick the magnet adjacent and opposite to where the Sensor was fitted.



15. The BLACK factory bolt that was removed in Step 4 and used to secure the Electric Arm in Step 6, remove that and connect the Negative Ring from the Sensor to it then put the bolt back in place.

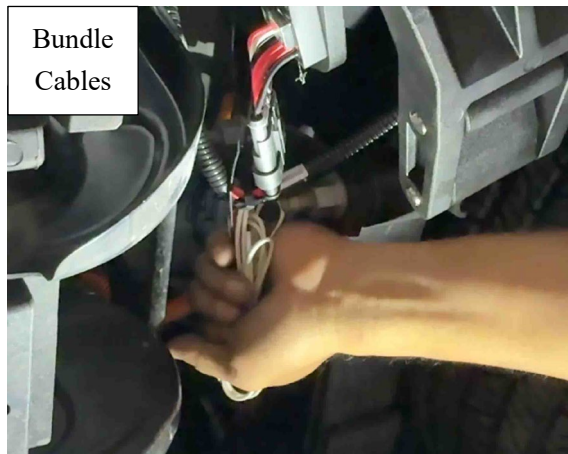


16. Connect the LED light plug into the Harness, then stick the LED Light under the bumper in a position that will shine onto the Electric Step when it deploys.



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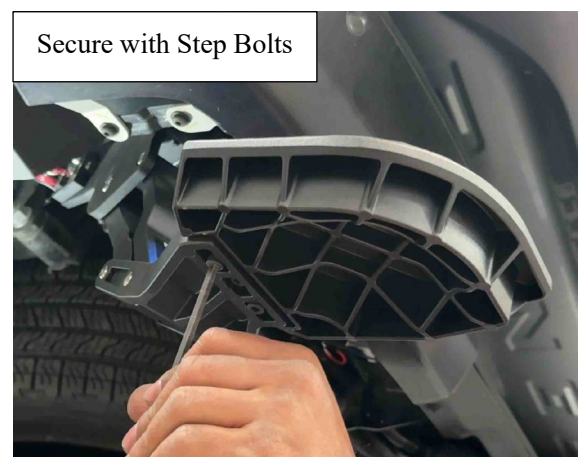
17. Neatly bundle and cable tie all loose cables to prevent any interference with the moving Electric Arm.



18. Insert the 3 Step Nuts into the Step.



19. Put the Step on the Electric Arm then secure with the Step Bolts from underneath the Step



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20. That completes the installation of the Supreme Electric Rear Step.



Make sure all bolts are tight, all cables and wiring are neatly bundled and tied.

Test that the LED light is working, and the Step deploys when the tailgate opens and retracts when the tailgate is closed.

If any of these are not functioning properly, refer to the steps in the instructions associated with these areas and double check all steps are performed correctly.

And that concludes the whole installation of the Supreme Electric Rear Step for the Next GEN Ranger (2022+) with the Factory Rear Bumper

Take a step back, give yourself a pat on the back and admire your work of art.

NOTE

Any damage caused by improper installation and/or application of this product will void our product quality warranty.