

# E-TON 2009 MATRIX SCOOTER LUGGAGE BOX INSTALLATION



## LUGGAGE BOX PACKAGE CONTENTS

- One (1) luggage box and keys
- One (1) replacement rear rack
- One (1) inner mat
- Two (2) mounting brackets
- Two (2) mounting plates
- Four (4) Philips-head bolts
- Four (4) metal washers
- Four (4) locking nuts
- Two (2) rack spacers
- Two (2) wire connectors
- One (1) electrical wire tie

## REAR RACK INSTALLATION

**➔** Before installing the luggage box on the 2009 Matrix 50 and Matrix R4-150 scooters, the rear rack must be replaced with the one included with the luggage box.

- **STEP 1**—Remove the rear trim piece from the vehicle by removing the three bolts shown in the picture. It is the silver plastic piece that curves around the back of the scooter.
- **STEP 2**—Install the new rear rack by positioning it on the back of the vehicle and reinstalling the three bolts removed before as shown in the picture. Be sure to insert the two spacers under the front of the rack as show in the picture.

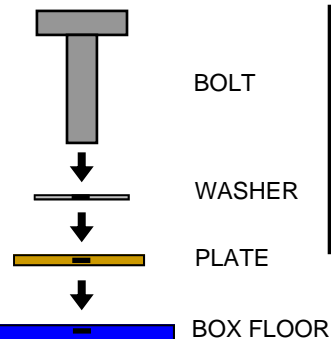


SPACER



## MOUNTING HARDWARE ASSEMBLY

- ➔** • **STEP 3**—Assemble the mounting hardware as shown in the diagram and photograph. Two bolts and washers fit through either side of the mounting plates and through the bottom of the luggage box on the inside.



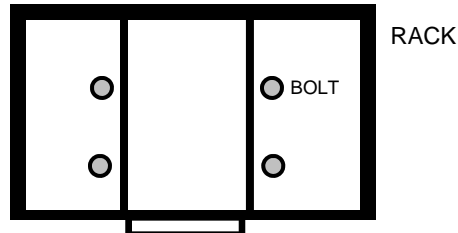
CONTINUED ON NEXT PAGE

Continued ➔

# E-TON 2009 MATRIX SCOOTER LUGGAGE BOX INSTALLATION



- **STEP 4**—The bolts should protrude from the bottom of the box and on either side of the middle two bars on the rack as shown in Picture **A** and the diagram.



- If the bolts are aligned properly on the outsides of the bars as shown, install the mounting brackets from underneath by sliding them widthwise across the bars onto the bolts with the hollow side facing down and affixing locking nuts onto the bolts. Refer to Picture **B**. Tighten the nuts with a wrench to hold the assembly in place.



## CONNECTING THE LIGHTS



- **STEP 5**—Remove the storage box underneath the seat by removing the six bolts shown in the picture to gain access to the rear tail light wire harness, which is located on the right-hand side of the vehicle next to the fuel tank.



- **STEP 6**—Thread the lamp wire through the hole in the corner at the base of the luggage box as shown in the picture.



- **STEP 7**—Connect the **BLACK/WHITE** wire from the luggage box to the **GREEN/YELLOW** wire on the tail light wire harness.
- Connect the **BLACK** wire from the luggage box to the **BLACK** wire on the tail light wire harness. Use the connector supplied with the kit. Ensure all connections are tight and use electrical tape or an electrical wire tie where necessary.
- Test operation by turning on the ignition and squeezing the brake lever. The brake lights on the box should illuminate. If not, ensure the connections are correct and properly secured. Reinstall the storage box beneath the seat when wiring is complete. The luggage box is now ready to be enjoyed.

