## **Buzzaround Extreme 4-wheel, Rental Bumper Kit**

## Part Number: MBB-148R-KIT

**Kit Includes:** 1- Front bumper, 1- Left-side bumper, 1- Right-side bumper, 1- Rear bumper, 4- Right-angle brackets, and all hardware.



12- Hex Head Bolts

M8-1.25 x 20



16- Fender Washers



8- Hex Head Bolts M8-1.25 x 25

20- Split Locks



Figure 1: Hardware Layout

**Tools Required:** 13mm socket wrench, 13mm open end wrench, 6mm Allen wrench, Phillips screwdriver, slotted screwdriver

## To Install - Refer to figures 1 - 4.

1. Remove the two rear anti-tip wheels.

2. Remove the rear wheels. (Optional)

3. Align the four holes in the rear bumper and scooter frame. Insert four M8-1.25x25 bolts and four split locks from the outside of the frame, and tighten the four bolts to secure.

4. Make sure the seat and battery packs are removed, then stand the scooter up as shown.

5. Place a right-angle bracket on the outside of the scooter frame, align the two holes in the bracket and frame. Insert two M8-1.25x20 bolts, split locks, and fender washers from the inside of the frame. *Do not fully tighten the bolts at this time*. Repeat step 5 for the other three right-angle brackets.

6. Remove the plastic nose piece, and retain the two screws.

7. Remove one front wheel, by first removing the center cap then the bolt securing the wheel.
8. Place the front bumper onto the unit and attached using the two retained screws from step 6. *Do not fully tighten the screws at this time.*9. Place one side bumper on top of the right-angle brackets and align the four holes in the brackets and side bumper. Insert two M8-1.25x20 bolts (bottom bolts), split locks, and fender washers from the underside of the scooter. (Bolts go through bracket, then into the side bumper). *Do not fully tighten the bolts at this time.* Repeat step 9 for the opposite side.

10. Align the front bumper onto one of the side bumpers. Insert two M8-1.25x25 bolts, (top bolts), split locks, and fender washers from the underside of the scooter. (Bolts go through the front bumper, bracket, then into the side bumper). Repeat step 10 for the opposite side.

11. Fully tighten the sixteen M8 bolts and the two Phillips screws to secure the side bumpers and front bumper to the scooter.





Figure 2: Rear Bumper Installed



Figure 3: Nose-piece Screws

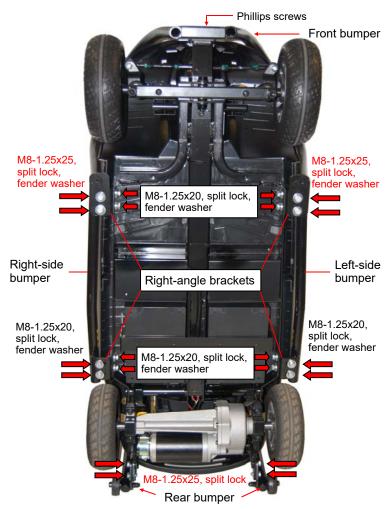


Figure 4: Underside of Frame

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