

Dealer Service Bulletin #DSB145

BRUNO High Drag in Freewheel – 15/03/2024

Bruno High Drag in Freewheel

Symptomology: On 1 occasion, we have had a Bruno Power chair that was difficult to manually push with the Free Wheel enabled on both motors where it should be expected there is little/ no resistance.

Test Method: With the Bruno on a flat and level surface, positively confirm that the Free Wheel is engaged on both drive motors (See fig 1) and that the wheels are free of any debris / obstructions. Manually push the unit by hand, if the unit requires much force to push, please proceed to Operation 1.

If the Bruno can be pushed with minimal force, or if debris / obstructions are found this Service Bulletin does not apply.



Fig 1

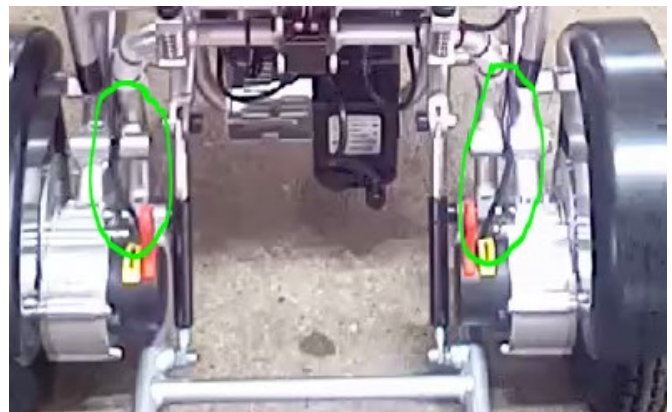


Fig 2

Repairs:

Operation 1. A) Remove the spacers Elevating the rear wheels above the floor,

B) Disconnect the wiring harness that connects the unit's motors too the ECU control box, at the connector (See fig. 2)

C) Repeat the Test Method above.

If the unit is can be pushed easily with the ECU disconnected, it is highly likely that there is a fault with the ECU. Please contact TopGun Mobility Technical support for the next steps.