

*Pushing For Innovation*



# **MAINTENANCE MANUAL**

## **OF SUPERCART® PLASTIC TROLLEYS**

# TROLLEY COMPONENTS

It is very important to note that all Supercart trolleys are made up of separate component parts. This means that damage and repairs can be isolated to individual components - VERY rarely does the entire trolley need to be replaced.

## COMPONENTS INCLUDE:

1. Handle (available with or without an in-mould logo)
2. Backgate assembly (consists of backgate, backrest, baby seat assembly & 2 aluminium rods)
3. Backrest
4. Basket (consists of basket & handle)
5. Front swivel housing
6. Wheel
7. Rear fixed housing
8. Chassis 8a) anti-theft 8b) bottom carrier 8c) grocer
9. Bottom carrier tray
10. Steel rivets (6.4 x 26mm)
11. XL basket dividers 11a) large divider 11b) small divider
12. XL inner chassis side covers
13. Aluminium rods (various sizes available)
14. Baby seat assembly
15. Retainer rod
16. Plastic rivets
17. Wheel hub/threadguard
18. Handle & side stickers



XL ANTI-THEFT CHASSIS



XL BOTTOM CARRIER CHASSIS

## NOTE:

All rivets, aluminium rods, nuts, bolts and self-tapping screws are supplied with component parts as required. They are also available separately.

Please refer to our website to view images of each individual component. Please refer to our component price list for details of free issues supplied with components.



GROCER

# ■ ■ CHANGING COMPONENTS

## ■ ■ EQUIPMENT

The following tools are required to effectively repair/replace components on a Supercart trolley:

1. Phillips screwdriver
2. #13 flat ring spanner x 2
3. Hammer/mallet
4. Small punch
5. T40 Torx driver (available at any hardware store)
6. Heavy duty rivet gun\*
  - Heavy duty scissor model #FH-2464
  - Heavy duty scissor model #FH-64
7. Standard rivet gun\*\*
8. Drill with a 6.5mm bit



\* Available from Fascor outlets nationwide: [www.fascor.com](http://www.fascor.com)

\*\* Only required when replacing a separate infant seat.

## NOTE:

### RIVETS VS SCREWS:

It is important that all repairs requiring rivets are carried out correctly and not with the use of screws. The use of screws will damage the plastic, rendering the component useless.

## ■ ■ HOW TO CLEAN OUR TROLLEYS

### PROCEDURE:

1. Remove physical waste - paper, gum etc.
2. Hose down trolley with high pressure washer (Wap, Karcher or Ryobi - pressure 190-200 bar).
3. Wash trolley using a PH neutral detergent (not acid or alkaline) using cloths and brushes (flat & bottle types).
4. Rinse trolley with high pressure washer (190-200 bar).
5. Apply disinfectant with brushes and cloths.
6. Rinse trolley.
7. Towel dry trolley or leave in the sun to dry thoroughly.
8. Each trolley must be marked and recorded. This is the most important part of the process to get right.

## ■ ■ HOW TO CHANGE A HANDLE

### Tools required:

1. Drill
2. 6.5mm drill bit
3. Heavy duty rivet gun

### Parts required:

1. Replacement handle (including 2 x steel rivets)
2. Sticker (if applicable)



### PROCEDURE:

1. Taking care to NOT use a drill bit larger than 6.5mm, drill out the existing rivets. Ensure the surrounding plastic is not overheated.
2. Remove the existing handle from the basket and replace with new one. Ensure that the triangular and rectangular shapes on each end are correctly aligned so that the sticker panel or logo area is facing the right way up.
3. Insert rivets in each end of the handle and secure both rivets with the rivet gun.

## ■ ■ HOW TO CHANGE A BACKGATE ASSEMBLY

Tools required:

1. Drill
2. 6.5mm drill bit
3. Heavy duty rivet gun
4. Hammer/mallet

Parts required:

1. Replacement backgate assembly
2. 2 x steel rivets



Drill out existing rivets with a 6.5mm drill bit. Remove the old backgate assembly.



Fit the full backgate as seen above.

### PROCEDURE:

#### FULL BACKGATE ASSEMBLY OR BACKGATE ONLY

1. Using a drill bit NO larger than 6.5mm, drill out the existing rivets. Take care not to overheat the surrounding plastic.
2. Remove the existing backgate and replace with the new assembly. Ensure that it can swing freely up and down inside the basket. It should not be able to swing backwards and out the rear of the basket.
3. Insert rivets into the aluminium rod on the basket and backgate and secure with rivet gun.

#### BABY SEAT AND DIVIDER

1. Remove plastic support bar securing baby seat to divider.
2. Flip backgate up and over the handle.
3. Slide out aluminium rod at the base of the baby seat.



Place the backgate on the table with the hook facing down.



Place the baby seat flap facing down, ready to receive the aluminium rod.



Insert rod into hinges and tap in with mallet.



Insert lower aluminium rod into hinges.



Open and close backgate assembly to ensure that it works correctly and that there is no jamming.



Insert rod into hinges and tap in with mallet.

## ■ ■ HOW TO ATTACH A BASKET TO THE BASE OF A TROLLEY

### Tools required:

1. Hammer/mallet
2. Punch

### Parts required:

1. Replacement basket
2. Plastic rivets and centre pins

### PROCEDURE:

1. Remove handle and backgate assembly - please refer to previous sections.
2. Turn trolley over so that it is resting on the basket with its wheels in the air.
3. Remove centre pins within the 8 plastic rivets with a hammer and small punch.
4. Once all centre pins are out, remove the plastic rivets with a small rounded hammer.
5. Place chassis onto its wheels and remove the old basket.
6. Place replacement basket onto the chassis, aligning all rivet holes.
7. Place plastic rivets into holes and hammer rivets in place with centre pins.
8. Now hammer centre pins into place, until both the pins and rivet heads are flush with each other.



Place basket onto chassis.



Make sure the basket and base are flush with each other.



There are 10 plastic rivets that need to be inserted to attach these two components.



Put rivets in place and have a hammer handy.



Carefully tap in the rivet pin.



Ensure all 10 rivets are in place.

## NOTE:

### PLASTIC MEMORY:

Plastic has a memory. Any trolley that has become distorted (e.g. due to a collision) must be left for 24 - 48 hours in the sun. This will allow the plastic to return to its original shape.

## ■ ■ HOW TO INSERT INNER CHASSIS SIDE COVERS

Tools required:  
Hammer/mallet

Parts required:  
Inner chassis covers



Ensure the side cover is placed correctly, starting from the top.



Press down so that sides are flush. Using a mallet, gently knock into place until you hear a click.



Check that the side cover is correctly in place.

## ■ ■ HOW TO REMOVE WHEELS AND CASTORS

Tools required:

1. T40 Torx driver
2. #13 flat ring spanner x 2

Parts required:

1. Wheel (including nuts and bolts)
2. Rear fixed housing
3. Front swivel housing
4. EJOT screws

### PROCEDURE:

1. Turn trolley over so that the wheels are exposed.
2. Using the T40 Torx driver, remove the 4 EJOT screws attaching the bracket to the chassis.

### WHEEL REMOVAL ONLY

Using the #13 flat ring spanner, remove the bolts attaching the wheel to the bracket.

## HOW TO REMOVE/REPLACE FRONT WHEELS AND CASTORS



Front off-set swivel castor.



Using the T40 Torx driver, unscrew all four bolts.



Once all the bolts are removed, remove the castor.

## HOW TO REMOVE/ REPLACE REAR WHEELS AND CASTORS



Unscrew EJOT screws.



Line up plastic locator pin.

## HOW TO REMOVE/ REPLACE REAR WHEELS AND CASTORS CONTINUED



Screw EJOT screws back in.



Check that all EJOT screws are screwed in tightly.

## ■ ■ HOW TO ATTACH THE BOTTOM CARRIER

Tools required:

1. Phillips screwdriver

Parts required:

1. Bottom carrier
2. Self-tapping screws

### PROCEDURE:

#### BOTTOM CARRIER TRAY (GROCER TROLLEY)

1. Remove the 2 front wheel brackets as described in the previous section (grocer trolley only).
2. Remove the screws, securing the carrier in place using the Phillips screwdriver.



Slide bottom tray from the back of the chassis into position.



Slide into position until it fits snugly.



Turn trolley upside down and screw in all 8 self-tapping screws.

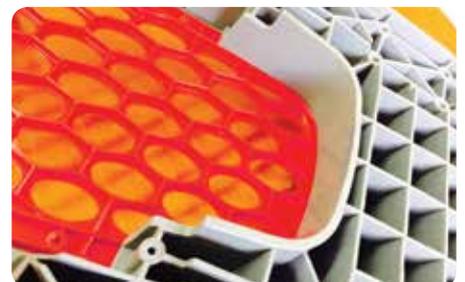
#### BOTTOM CARRIER TRAY (XL BOTTOM CARRIER CHASSIS TROLLEY)



Position front teeth of bottom tray into slots on chassis.



Slide in bottom tray until it fits snugly.



Turn trolley upside down and screw in self-tapping screws.



Screw in all 10 self-tapping screws.



Screw in all 10 self-tapping screws.

## ■ ■ HOW TO REMOVE SCRATCHES

Tools required:

1. Sandpaper: Grades 180, 280, 320
2. Butane torch
3. Metal file

### PROCEDURE:

1. Sand down affected area with the metal file and progressively finer sandpaper.
2. Set the butane torch to its lowest setting (low flame and very open nozzle). Gently sweep the sanded area, taking note of the texture change. Surface will polish up easily.

## NOTE:

It is vital to not use the flame on a high setting or allow the flame to linger in one area for a long time. This will cause the plastic to boil and deform.

## ■ ■ HOW TO CHANGE DIVIDERS ON XL TROLLEYS

Tools required:

1. Phillips screwdriver

Parts required:

1. Dividers (large and/or small)
2. Self-tapping screws

### PROCEDURE:

1. Slide top of large divider into plastic lugs.
2. Screw in screws until large divider is fitted in place.
3. Once large divider is in place, screw in small divider.



Hook large divider up into plastic.



Ensure the divider is sitting vertically.



Screw in divider using self-tapping screws.



Position small divider in place.



Screw in small divider on both front and back using self-tapping screws.

## ■ ■ CONTACT US

Please ensure that ONLY GENUINE SUPERCART COMPONENTS are used.

Components can ONLY be ordered from Supercart South Africa (Pty) Ltd. Please contact our sales team:

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