

# **TD Series Tray Delivery Truck**

## **Operation, Maintenance and Replacement Parts Manual**

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## Operation

### Important Information - Please Read

- **Never maneuver carts with the compartment doors open.**
- **Do not use open doors to push or pull the cart.**

#### To Open Door

- Pull on latch handle, this will pull the nylon striker in and allow door to be swung open.

#### To Close Door

- Pull on latch handle; this will pull the nylon striker in. Close door and release handle.
- **Never** slam the door shut. This will cause the latches and strikers to be pushed out of alignment and/or the nylon strikers to snap off. In the event of either of these issues the cart should not be operated until the latches are realigned or the plastic striker is replaced.

#### To Remove / Replace Door

- Open the door through approximately 90°-110°. This will allow the door body to have enough clearance from the stainless steel top of the unit
- Lift the door upwards approximately  $\frac{3}{4}$ " until the bottom hinge pin clears its recess.
- Tilt the bottom of the door forward and lower the door till the upper hinge pin clears its recess.
- Reverse the removal procedure to assemble the latch back into the door.
- On the TD series cart, the left & right doors are interchangeable.

#### Note

- Whenever doors are removed and replaced the alignment of the nylon striker must be checked prior to the cart being returned to operation.
- Never maneuver carts with the compartment doors open.
- Do not use open doors to push or pull the cart because the doors could be lifted out of the hinge pin recesses.

## Cleaning

- Cleaning agents and disinfectants containing ammonia, bleach, chlorine, or other harsh chemicals should **not** be used on any equipment containing plastic or vinyl.
- The following solutions work well with most plastic products, including the Caddy line:
  1. Ivory flakes (5% Solution)
  2. Tide detergent (3% Solution)
  3. Top Job liquid (3% Solution)
  4. Impact dishwasher detergent (10% Solution)
  5. Comparable mild detergent
- Tray carts must be sanitized with water only by a portable spray or cart washer at a temperature of 180°F. Sterilization devices of steam application should be avoided with temperatures exceeding 180°F to prevent damage to plastic or vinyl material.

## Maintenance

### Casters

Caddy tray delivery carts are equipped with grease fittings on all casters. **We recommend lubrication monthly.**

### Latch Removal For Cleaning

- Open truck door and remove (4) knurled nuts from back latch cover.
- Pull latch cover off, and remove from front of truck door.
- Remove clevis clip from latch pin, and disassemble latch for cleaning.
- Reverse disassembly procedure for assembling latch back into door.
- Ensure nylon striker is aligned correctly and door is held closed.

### Notes

- Regularly check alignment of the striker to ensure it is fully inserted behind the divider bar.
- Ensure that the latch is held securely in place with (4) knurled nuts and the plastic cover.

## Care and Cleaning of Stainless Steel Equipment

**Contrary to popular belief, stainless steels ARE susceptible to rusting and pitting.**

Corrosion on metals is everywhere. It is recognized quickly on iron and steel as unsightly yellow/orange rust. Such metals are called "active" because they actively corrode when their atoms combine with oxygen to form rust.

Stainless steels are passive metals because they contain other metals, like chromium, nickel and manganese that stabilize the atoms.

Chromium provides an invisible passive film that covers the steel's surface acting as a shield against corrosion. As long as the film is intact and not broken or contaminated, the metal is passive and stainless. If the passive film of stainless steel has been broken, equipment starts to corrode. At its end, it rusts.

### The Enemies of Stainless Steel

There are three basic things which can break down stainless steel's passivity layer and allow corrosion to occur.

1. **Mechanical Abrasion** - Steel pads, wire brushes and scrapers are prime examples of things that will scratch a steel surface.
2. **Water and Deposits** - Water has varying degrees of hardness. Depending on the area you live in, you may have hard or soft water. Hard water may leave spots, and when heated, leave deposits that will break down the passive layer and rust stainless steel. Other deposits from food preparation and service must be properly removed.
3. **Chlorides** - Chlorides are found nearly everywhere. They are in water, food and table salt. Some of the worst chloride perpetrators come from household and industrial cleaners.

**Here are a few steps that can help prevent stainless steel rust and pitting.**

#### 1. Use the proper tools.

When cleaning stainless steel products, use non-abrasive tools. Soft cloths and plastic scouring pads will not harm steel's passive layer. Stainless steel pads also can be used but the scrubbing motion *must* be in the direction of the manufacturers' polishing marks.

#### 2. Clean with the polish lines

Some stainless steel comes with visible polishing lines or "grain." When visible lines are present, always scrub in a motion parallel to the lines. When the grain cannot be seen, play it safe and use a soft cloth or plastic scouring pad.

#### 3. Use alkaline, alkaline chlorinated or non-chloride containing cleaners.

While many traditional cleaners are loaded with chlorides, the industry is providing an ever-increasing choice of non-chloride cleaners. If you are not sure of chloride content in the cleaner used, contact your cleaner supplier. If your present cleaner contains chlorides, ask your supplier if they have an alternative. Avoid cleaners containing quaternary salts; they can attack stainless steel and cause pitting and rusting.

#### 4. Treat your water.

Though this is not always practical, softening hard water can do much to reduce deposits. There are certain filters that can be installed to remove distasteful and corrosive elements. To insure proper water treatment, call a treatment specialist.

**5. Keep your food equipment clean.**

Use alkaline, alkaline chlorinated or non-chloride cleaners at recommended strength. Clean frequently to avoid build-up of hard, stubborn stains. If you boil water in stainless steel equipment, remember the single most likely cause of damage is chlorides in the water. Heating cleaners that contain chlorides have a similar effect.

**6. Rinse, rinse, rinse.**

If chlorinated cleaners are used, rinse and wipe equipment and supplies dry immediately. The sooner you wipe off standing water, especially when it contains cleaning agents, the better. After wiping equipment down, allow it to air dry; oxygen helps maintain the stainless steel's passivity film.

**7. Never use hydrochloric acid (muriatic acid) on stainless steel.****Review**

- Stainless steels rust when passivity (film-shield) breaks down as a result of scrapes, scratches, deposits and chlorides.
- Stainless steel rust starts with pits and cracks.
- Use the proper tools. Do not use steel pads, wire brushes or scrapers to clean stainless steel.
- Use non-chlorinated cleaners at recommended concentrations. Use only chloride-free cleaners.
- Soften your water. Use filters and softeners whenever possible.
- Wipe off cleaning agents and standing water as soon as possible. Prolonged contact eventually causes problems.

## WARRANTY

Products manufactured by Caddy Corporation are warranted to the original purchaser as follows:

Mechanical components are warranted to be free from defects in material and workmanship under normal use, storage and service for a period of one year from the date of installation or eighteen months from factory shipment, whichever occurs first.

Electrical components are warranted to the original purchaser to be free from defects in material and workmanship under normal use, storage and service for a period of ninety days from the date of shipment.

Caddy Corporation shall repair or replace, at our discretion, any part or product which we determine to be defective during the warranty period.

Under no circumstances will Caddy Corporation honor any repair or back charges by any party regardless of whether such equipment is within the warranty period, unless the Service Department of Caddy Corporation has authorized such work in writing.

If the equipment is repaired or altered in any way whatsoever by any person without prior written consent by Caddy Corporation, this warranty shall not apply.

The following are **NOT** covered under this warranty:

- Normal wear on parts, such as bulbs, gaskets, etc.
- Defects or damages resulting from accidents, alterations, abuse or misuse of equipment and/or any of its components.
- Damage of electrical components resulting from connecting the equipment to any power supply other than specified on the nameplate, or resulting from unauthorized altering of the equipment.
- Damage from water conditions causing malfunction of electric components and/or control equipment.

There is no other express warranty.

Any and all implied warranties are excluded to the extent permitted by law. Implied warranties, when included by law, including those merchantability and fitness for a particular purpose, are limited to one year from the date of shipment.

Liability for consequential damages under any and all warranties is excluded. This warranty is the buyer's exclusive remedy.

It is Caddy's policy to constantly improve the design and manufacture of our products. Accordingly, all equipment is subject to change consistent with such policy without prior notice and some items may be discontinued without obligation.

## Parts List

Model Descriptions	
TD-607-D	1 Door, 7 Trays
TD-608-D	1 Door, 8 trays
TD-610-D	1 Door, 10 trays
TD-614-D	2 Doors, 14 Trays
TD-616-D	2 Doors, 16 Trays
TD-620-D	2 Doors, 20 Trays
TD-621-D	3 Doors, 21 Trays
TD-624-D	3 Doors, 24 Trays
TD-630-D	3 Doors, 30 Trays
TDC-20-D *	1 Door, 20 Trays
TDC-20-DD *	1 Door each side, 20 Trays
TDC-40-D *	2 Doors, 40 Trays
TDC-40-DD *	2 Doors each side, 40 Trays

\* Indicates trucks designed specifically for 14" x 18" trays



Model TD-630-D shown

All Models	
Description	Part Number
Latch Assembly	4690-01
Nylon Striker	4877-02
Thumb Screw (TD)	1014-01
Spring (TD)	4982-01
Latch Cover (Cream Only)	4985-30
Push/Pull Handle (TD)	462-02
Push/Pull Handle (TDC)	4854-01
Screws for Handle	1013-23
Menu Holder	6653-01
5" Dia. Rigid Platform Caster (TD-614/TD-621 only)	76-05
5" Dia. Swivel Platform Caster (TD-614/TD-621 only)	74-05
6" Dia. Rigid Platform Caster	3073-05
6" Dia. Swivel Platform Caster	3072-05
Replacement Doors	Contact Caddy for information.

<b>Models TD-614, TD-616, TD-620</b>	
<b>Description</b>	<b>Part Number</b>
Corner Bumper (L Shaped)	79-01
Corner Bumper Mounting Clip	6402-01
Short Bumper - 19.375" (End Panel)	4731-01
Long Bumper - 34.25" (Door or Back Panel)	4732-01
Short Channel (End Panel)	6351-01
Long Channel (Door or Back Panel)	6351-04
Vertical Corner Bumper - 12"	4691-01

<b>Models TD-621, TD-624, TD-630</b>	
<b>Description</b>	<b>Part Number</b>
Corner Bumper (L Shaped)	79-01
Corner Bumper Mounting Clip	6402-01
Short Bumper - 19.375" (End Panel)	4731-01
Long Bumper - 52.75" (Door or Back Panel)	4733-01
Short Channel (End Panel)	6351-01
Long Channel (Door or Back Panel)	6351-07
Vertical Corner Bumper - 12"	4691-01

<b>Models TDC-20, TDC-24</b>	
<b>Description</b>	<b>Part Number</b>
Corner Bumper (L Shaped)	79-01
Corner Bumper Mounting Clip	6402-01
Short Bumper (End Panel)	6443-01
Long Bumper (Door or Back Panel)	6433-02
Short Channel (End Panel)	6351-02
Long Channel (Door or Back Panel)	6351-03
Vertical Corner Bumper - 12"	4691-01

<b>Model TDC-40</b>	
<b>Description</b>	<b>Part Number</b>
Corner Bumper (L Shaped)	79-01
Corner Bumper Mounting Clip	6402-01
Short Bumper (End Panel)	6443-02
Long Bumper (Door or Back Panel)	6433-03
Short Channel (End Panel)	6451-03
Long Channel (Door or Back Panel)	6351-05
Long Channel (Door or Back Panel)	6351-03
Vertical Corner Bumper - 12"	4691-01

<b>Model TD-614, 616, 621, 624</b>	
<b>Description</b>	<b>Part Number</b>
End Panel, Teal, 28.87" X 13.25"	7024-01
Door Panel, Teal, 28.25" X 5"	7024-02
End Panel, Cranberry, 28.87" X 13.25"	7024-11
Door Panel, Cranberry, 28.25" X 5"	7024-12
End Panel, Grey, 28.87" X 13.25"	7024-21
Door Panel, Grey, 28.25" X 5"	7024-22
End Panel, Blue, 28.87" X 13.25"	7024-31
Door Panel, Blue, 28.25" X 5"	7024-32

<b>Model TD-620, 630</b>	
<b>Description</b>	<b>Part Number</b>
End Panel, Teal, 44.75" X 13.25"	7024-03
Door Panel, Teal, 44.25" X 5"	7024-04
End Panel, Cranberry, 44.75" X 13.25"	7024-13
Door Panel, Cranberry, 44.25" X 5"	7024-14
End Panel, Grey, 44.75" X 13.25"	7024-23
Door Panel, Grey, 44.25" X 5"	7024-24
End Panel, Blue, 44.75" X 13.25"	7024-33
Door Panel, Blue, 44.25" X 5"	7024-34

#### **Replacement Bumpers**

For other than grey neoprene, contact Caddy. Please have your model number available.

#### **Replacement Graphics**

Colors Available - Teal, Cranberry, Grey & Blue