



# **TUNNEL FUNCTIONS TRAINING GUIDE**

# INDEX

|  |     |   |
|--|-----|---|
| Start of Day Functions.....              | 3   | ■ |
| How to Send a Test Wash.....             | 4   | ■ |
| Queuing Functions.....                   | 5   | ■ |
| Trait Functions.....                     | 6-7 | ■ |
| Extra Roller and Send Car Functions..... | 8   | ■ |

# START OF DAY FUNCTIONS

Open the Terminal Controller and select the **'Tunnel'** tab.

*Press the button '**Tunnel Wet Down**' to begin the spraying of the equipment and to test waster pressure. The wet down of the tunnel will typically run for 50 seconds.*

Use the **'Prep Bucket Fill'** button to fill the prep bucket with water at the beginning of the day or whenever it needs refilled.

Use the '**Prep Gun Activate**' button to turn pressure on to the prep guns (typically 2 minutes).

Terminal Controller Server

Server

2/02/2024, 9:57 AM

Sh 1

1

CCARD

History

SAL/LOBBY

Fleet

QueryOffice

Timeclock

Office

Tunnel

DRB Fi

Ready To Pay

Needs Washed

All Active Sales

Sale Code

Age

Status

Amount

Quantity

Item Name

Amount

Subtotal: 0.00

Taxes: 0.00

Total: 0.00

Tenders: 0.00

Amt Due: 0.00

↑

↓

×

+

ITEM

↑

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←

Wrap Rear Retract

Wrap Rear Retract

Open Enter Door

Clos Enter L

Prep Bucket Fill

Tunnel Wet Down

Hitch Rear Retract

Hitch Rear Retract

Open Exit Door

Clos Exit D

Prep Gun Activate

Test Wash

Wrap Front Retract

Wrap Front Retract

Wrap Full Retract

Wrap Full Retract

Mark Wash DONE

Show Wash Queue

Wrap Front Retract

Wrap Front Retract

Wrap Full Retract

Wrap Full Retract

Insert Into Wash Queue

DS Wrap Retract

DS Wrap Retract

PS Wrap Retract

PS Wrap Retract

Mud Blaster Off

Remove Wash Queue

DS Wrap Retract

DS Wrap Retract

PS Wrap Retract

PS Wrap Retract

Mud Blaster Off

Wash Queue Advance

Top Brush Retract

Top Brush Retract

Open Bed

Open Bed

Reverse Queue

Shark Fin Antenna

Shark Fin Antenna

Blowers Off

Blowers Off

Clear Wash Queue

Tire Brush Retract

Tire Brush Retract

Tire Shine Retract

Tire Shine Retract

Release Sale

Tire Brush Retract

Tire Brush Retract

Tire Shine Retract

Tire Shine Retract

Clear TW Queue

EXTRA ROLLER

EXTRA ROLLER

EXTRA ROLLER

EXTRA ROLLER

Next Page

Open New Sale

SEND CAR

SEND CAR

SEND CAR

SEND CAR

Previous Page

Exit Terminal

# HOW TO SEND A TEST WASH

Open the Terminal Controller and select the **'Tunnel'** tab. The **'Test Wash'** button can be used to send a no charge Ceramic Wash through the tunnel to test the equipment. Using this button will auto tender the sale.

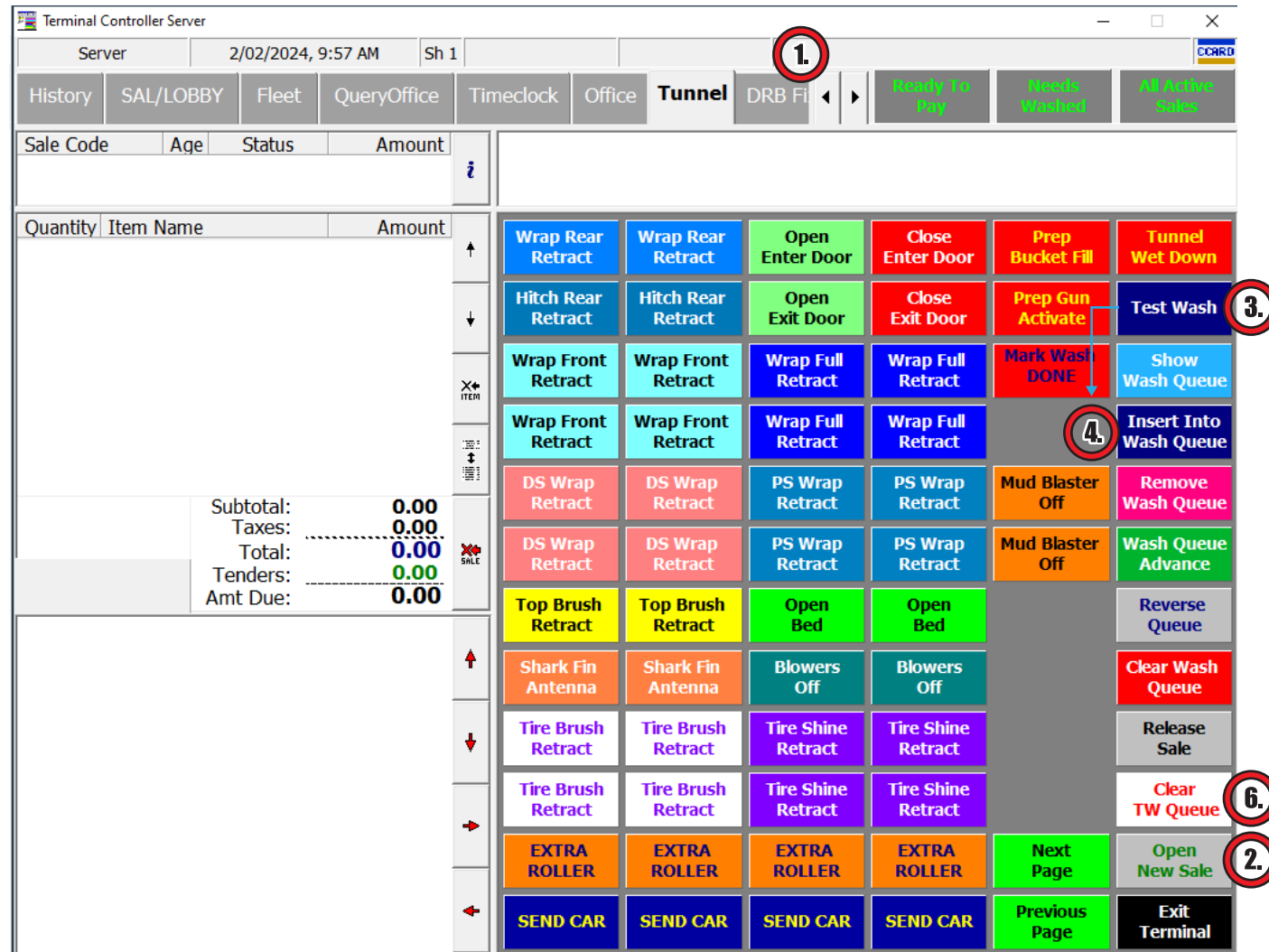
First press **'Open New Sale'**.

Press the **'Test Wash'** button.

Press the **'Wash Queue Insert'** button and enter the number 1 into the dialog box to place the test wash into the first queue position. The conveyor will begin moving.

Block the photo eye at the beginning of the tunnel to simulate measuring a vehicle.

Press the **'Release Sale'** button to clear the sale from the terminal.



# QUEUING FUNCTIONS

Press the **'Wash Queue Show'** to show your wash queue. Once the queue box appears on the screen, you will be able to select the wash you want to insert or remove a wash from the queue.

The **'Insert into Wash Queue'** button is used when you need to insert a single wash into the wash queue. It is most commonly used when the queue gets out of order, a wash needs to be moved to a different position or a rewash is programmed. Once you have located the wash, press the insert into wash queue button, input the appropriate number, then press "OK."

The **'Remove from Wash Queue'** button is used when you need to remove a single wash from the wash queue. It is most commonly used when a customer cannot wash after they have already paid for one reason or another. Once you have located the wash in the queue, note its position in the queue, then press the remove from wash queue button.

The **'Advance Wash Queue'** button is an infrequently used function that removes the wash from position one in the queue. This button is commonly needed when there is an issue, such as reading that the car is too long or pre-reading the car.

The **'Clear Wash Queue'** button will clear the entire wash queue and is used to remove all wash from the queue.

The tunnel watch (TW) queue will register a vehicle in the tunnel queue when the entrance eyes are broken. The car is then removed from the tunnel queue when the eyes are no longer broken by the vehicle. The queue will only ever contain one vehicle, but sometimes the queue won't advance. The clear TW button will remove the car from the tunnel queue and allow the next wash to move from the wash queue.

The screenshot displays the 'Terminal Controller Server' interface. At the top, there's a header with 'Server', '2/02/2024, 9:57 AM', and 'Sh 1'. Below this is a navigation bar with tabs: History, SAL/LOBBY, Fleet, QueryOffice, Timeclock, Office, Tunnel, DRB Fi, and a status bar with 'Ready To Pay', 'Needs Washed', and 'All Active Sales'.

The main area shows a 'Tunnel 1-WHITTX-WX1 Queue' window. It contains a table with columns: #, Sale Code, Age, Status, Total, Last Mod, Cust. Code, and Cust. Name. The table has one row with the following data: #1, Sale Code 100, Age 0, Status I:P-W, Total \$21.00, Last Mod 8:35 AM, Cust. Code -, and Cust. Name -.

Below the table, there's a section for 'Services for Queue Position 1' with a list of services: Wash Replacement, Basic Wash (16), Carnauba Wax (3), Ceramic Wash, Ceramic Light, Flash Dry (7), Rain Rplnt Glass Wax (4), and Rainfall Rins.

On the right side of the interface, there's a large grid of buttons. The buttons are arranged in a 6x4 grid. The buttons are: Close Enter Door, Prep Bucket Fill, Tunnel Wet Down, Close Exit Door, Prep Gun Activate, Test Wash, Wrap Full Retract, Mark Wash DONE, Show Wash Queue, PS Wrap Retract, Mud Blaster Off, Insert Into Wash Queue, PS Wrap Retract, Mud Blaster Off, Remove Wash Queue, Open Bed, Mud Blaster Off, Wash Queue Advance, Reverse Queue, Clear Wash Queue, Release Sale, Clear TW Queue, Next Page, Open New Sale, Previous Page, and Exit Terminal.

Numbered callouts (1-6) are placed around the interface to highlight specific buttons: 1. Show Wash Queue, 2. Insert Into Wash Queue, 3. Remove Wash Queue, 4. Wash Queue Advance, 5. Clear Wash Queue, and 6. Clear TW Queue.

# TRAIT FUNCTIONS (1 OF 2)

A trait is a tunnel function that prevents a selected piece of equipment from engaging and contacting a vehicle. Retracts are used when vehicle or tunnel equipment damage is possible due to the vehicle's condition. The retract button used on the TTS will be dependent on the area of the vehicle that needs to be avoided.

A set of buttons is defined for retracting wraps from touching a vehicle. Press the button associated with the type of wrap retract needed depending on if you need to stop them in the **Front**, **Rear** or Entirety (**Full Retract**) of the vehicle.

A set of buttons is also defined to retract brushes from touching a vehicle. These include the '**Top Brush Retract**' (use to prevent hang ups in roof racks), '**Tire Brush Retract**' (use to stop brushes from hitting rims and lower body panels) and '**Tire Shine Retract**' (use to stop application of Tire Shine product when requested).

The screenshot shows the 'Terminal Controller Server' interface. At the top, there's a status bar with 'Server', '2/02/2024, 9:57 AM', and 'Sh 1'. Below this is a navigation bar with tabs: History, SAL/LOBBY, Fleet, QueryOffice, Timeclock, Office, Tunnel, DRB Fi, Ready To Pay, Needs Washed, and All Active Sales. The 'Tunnel' tab is selected. Below the navigation bar is a table with columns: Sale Code, Age, Status, and Amount. To the right of this table is a large grid of buttons. A red box labeled '1' highlights a section of buttons including 'Wrap Rear Retract', 'Hitch Rear Retract', 'Wrap Front Retract', 'DS Wrap Retract', 'Wrap Full Retract', 'PS Wrap Retract', 'Open Enter Door', 'Close Enter Door', 'Open Exit Door', 'Close Exit Door', 'Prep Bucket Fill', 'Tunnel Wet Down', 'Prep Gun Activate', 'Test Wash', 'Mark Wash DONE', 'Show Wash Queue', 'Insert Into Wash Queue', 'Mud Blaster Off', 'Remove Wash Queue', 'Wash Queue Advance', 'Reverse Queue', 'Clear Wash Queue', 'Release Sale', 'Clear TW Queue', 'Open New Sale', and 'Exit Terminal'. A blue box labeled '2' highlights a section of buttons including 'Top Brush Retract', 'Shark Fin Antenna', 'Tire Brush Retract', 'Tire Shine Retract', 'EXTRA ROLLER', and 'SEND CAR'. At the bottom left, there's a summary section with 'Subtotal: 0.00', 'Taxes: 0.00', 'Total: 0.00', 'Tenders: 0.00', and 'Amt Due: 0.00'.

# TRAIT FUNCTIONS (2 OF 2)

*Press the **'Open Bed'** function to keep any Top Brushes or Mitters from entering a truck bed as well as turn off the soap and high pressure sprayers for the rear portion of a truck vehicle.*

[illegible]



# EXTRA ROLLER AND SEND CAR FUNCTIONS

The extra roller button is used when there are less than two rollers behind a vehicle's rear tire. Typically, this button is used when a car jumps rollers after being loaded onto the conveyor. To prevent collisions in the tunnel, when a vehicle jumps a roller while in the tunnel, there must always be at least two rollers behind the rear tire. So, anytime there aren't two rollers behind the car, you will need to use the extra roller button.

Under normal operations your site will operate with 'Auto Roller' functionality, meaning when a vehicle depresses the roller up input on approach two times the rollers will be sent and a vehicle will proceed down the tunnel. In circumstances where the enter switch has failed you may have to use the 'Send Car' function as described below.

If a vehicle skips a roller or the roller up door does not activate properly when sending a vehicle press the **'Extra Roller'** button to issue an additional set of rollers.

During Enter Switch Simulation mode vehicles will not automatically be sent down the tunnel. Once a queued vehicle is in place past the roller up door press the **'Send Car'** button to start the conveyor and issue the sending rollers.

The screenshot shows the 'Terminal Controller Server' interface. At the top, it displays 'Server 2/02/2024, 9:57 AM Sh 1'. Below this is a navigation bar with tabs: History, SAL/LOBBY, Fleet, QueryOffice, Timeclock, Office, Tunnel, DRB Fi, Ready To Pay, Needs Washed, and All Active Sales. The 'Tunnel' tab is selected.

The main interface is divided into several sections:

- Top Section:** A table with columns: Sale Code, Age, Status, Amount. Below this is a table with columns: Quantity, Item Name, Amount.
- Bottom Section:** A table with columns: Subtotal, Taxes, Total, Tenders, Amt Due. The values are: Subtotal: 0.00, Taxes: 0.00, Total: 0.00, Tenders: 0.00, Amt Due: 0.00.
- Control Panel:** A grid of buttons for various functions:
  - Wrap Rear Retract, Hitch Rear Retract, Wrap Front Retract, DS Wrap Retract, Top Brush Retract, Shark Fin Antenna, Tire Brush Retract, EXTRA ROLLER, SEND CAR
  - Wrap Rear Retract, Hitch Rear Retract, Wrap Front Retract, DS Wrap Retract, Top Brush Retract, Shark Fin Antenna, Tire Brush Retract, EXTRA ROLLER, SEND CAR
  - Open Enter Door, Open Exit Door, Wrap Full Retract, PS Wrap Retract, Open Bed, Blowers Off, Tire Shine Retract, EXTRA ROLLER, SEND CAR
  - Close Enter Door, Close Exit Door, Wrap Full Retract, PS Wrap Retract, Open Bed, Blowers Off, Tire Shine Retract, EXTRA ROLLER, SEND CAR
  - Prep Bucket Fill, Prep Gun Activate, Mark Wash DONE, Mud Blaster Off, Mud Blaster Off, Clear Wash Queue, Next Page, Previous Page
  - Tunnel Wet Down, Test Wash, Show Wash Queue, Insert Into Wash Queue, Remove Wash Queue, Wash Queue Advance, Reverse Queue, Release Sale, Clear TW Queue, Open New Sale, Exit Terminal