



VEND PROGRAMMING

Section

3

Definitions

In order to fully understand the material in this section, become familiar with the following terms:

1. **Adjustable Wand.** The XP wand that rotates on the trolley 90°, 180°, or 270° from the parked home position to face the front, side and rear of car. It rotates automatically, except for the rotations at the start and finish of wash, to leave and return to the parked home position.
2. **Bridge.** The section that houses the trolley and both wands, which travels on rails from front to rear of car and back.
3. **Bridge Extend.** Movement of bridge from front of car to back, with adjustable wand at one side of car and fixed wand at other side.
4. **Bridge Home.** Movement of bridge from rear of car to front, with adjustable wand at one side of car and fixed wand at other side.
5. **Dwell.** A sequence that has no movement associated with it. It is normally used to fill wands or give chemicals time to work.
6. **File.** In the vend program, the file number defines whether the function is a step (0), a dwell (1), or a pass (2). The file number is always a 0, 1 or 2.
7. **Fixed Wand.** The XP wand that is stationary on the bridge. It is non-rotating, and travels with the bridge on one side of car.
8. **Function.** The specific action the machine is to perform, for example "Presoak 1 With Bridge Extending".
9. **Inlet.** Refers to the water inlets. The XP has the capacity for four (4) water inlets, numbered 1, 2, 3 and 4. Inlet 1 is always the inlet that feeds the tank, and should be used as the default and when no water is going to the bay. Additional valves will be assigned in the field for such items as reclaim, hot water, or spot free water.
10. **Pass.** A sequence that combines three (3) separate steps either starting at front home extending across front of car, moving bridge to back of car, then moving adjustable wand to rear home position; or starting at rear home moving the other way to front home.
11. **Pass Wash, Even Numbered.** A vend program that ends at front home position. This type of wash seems to be most aesthetically pleasing to the washing public.
12. **Pass Wash, Odd Numbered.** A vend program that ends at rear home position. At end of wash, you must program a sequence to move the bridge away from car and rotate the adjustable wand home. The bridge will travel to front home position when vehicle leaves the stop switch.
13. **Sequence.** In the wash vend program, sequence refers to the ordered number of vend choices. A sequence can be either a Step, Dwell, or Pass. Sequence 1 always begins a wash followed, of course, by 2, 3, 4, and so on.



14. **Speed.** XP movement is rated on a 1 to 9 scale, with 1 being slowest and 9 fastest. Most moves should be a 4 or 5. Oasis recommends making speed changes one increment at a time, with testing before additional changes are made.
15. **Step.** A single movement of bridge or trolley, usually with water or chemical associated with it.
16. **Trolley.** The section of the bridge that holds the adjustable wand. It has the ability to move across the bay from home position to extend and back.
17. **Vend.** The wash package program that the customer selects. The XP is capable of dispensing four (4) separate vends.
18. **Wand Extend.** Adjustable wand movement across front or rear of vehicle from driver's side of bridge to passenger's side of bridge.
19. **Wand Home.** Adjustable wand movement across front or rear of vehicle from passenger's side of bridge to driver's side of bridge.

Writing a Vend

Before attempting to write a vend, take a moment to consider the following:

1. Oasis has four (4) default vends preprogrammed into the XP [Pgs 3.32-3.39]. You may want to see if those washes meet your needs and expectations before undertaking vend writing on your own.
2. Included in this section [Pgs 3.12-3.14] are several optional vends. These are programmed in Passes for quick entry.
3. Should you elect to write a new vend, Oasis has pre-written several wash selections to make the process easier. Refer to the Wash Selection Charts found on Pages 3.21 to 3.29. Immediately following these charts are a number of blank Worksheets A & B for use in mapping out the vend.
4. Consult with your distributor and/or your chemical supplier to glean their expertise.
5. Dwells are an important part of the wash. Dwells are necessary to fill wands with chemicals or water before moving across the vehicle to ensure uniform coverage, and they also allow the chemicals time to properly do their job. Creative use of dwells gives the chemicals time to work without the customer feeling that nothing is happening.
6. The first sequence of every vend must be "0-1-1-2-1", which rotates the adjustable wand to the start position.
7. The final two (2) sequences of every vend will be determined by whether the wash is ending at the front of the bay or the rear of the bay. When ending a wash at front of bay, the wand and bridge must be returned to the home position to complete the wash. To achieve this, the final sequences will always be "0-2-1-2-1", followed by "0-73-1-3-1".

When ending a wash at rear of bay, the bridge must be moved away from the vehicle before the wand is returned to the home position. To accomplish this, the sequences are "0-98-1-3-1", followed by "0-2-1-2-1".

8. To signal the end of a vend, "999" must be entered in both the File and Function data fields. There are no exceptions!



There are two (2) ways in which to write a vend. The first uses Steps for every move the unit makes. The second utilizes Passes around the vehicle, combining three (3) Steps into one (1) Pass. Time saved entering numbers, as well as the reduced potential for making errors in your entries, makes using Passes the preferred method. Passes do not include any dwells. If you want to alter speed or water inlet in mid pass, it is simpler to enter the three (3) separate Steps that make up a Pass. Although it is possible to program an odd number of Passes and end the wash at the rear of bay, it is not recommended, as this is sometimes confusing to the customer.

The entries that make up a Step, Dwell, or Pass function are referred to as a Sequence. A Sequence is comprised of five (5) numbers...File, Function, Dwell, Speed and Inlet, always in that order. The File number indicates a Step (0), Dwell (1), or Pass (2). Function numbers are preset codes that, in combination with the File number, determine the action of the equipment. [A numerical listing of Dwell, Step and Pass Functions can be found on Pages 3.15 to 3.20] The third number, Dwell, refers to the amount of time in seconds. Speed sets the movement on a scale of 1 to 9. And lastly Inlet, which refers to the water inlet to be used for the function.

For example, the first sequence of every wash vend is "0-1-1-2-1"...

- 0 = Step
- 1 = "Rotation Wand Off Home to Front" } See Page 3.17
- 1 = Seconds of Dwell Time
- 2 = Equipment Speed
- 1 = Water Inlet 1

To illustrate the process of vend writing, as well as the difference between Steps and Passes, we have prepared a worksheet and wash diagram for an 8-pass wash. Pages 3.10 and 3.11 demonstrate the vend in Steps. Pages 3.8 and 3.9 show the same wash written in Passes, which is explained in detail on page 3.7.



Entering a Vend into the Onboard XPert

Prior to entering a vend into the Onboard XPert, it would be wise to do the following:

1. REVIEW SECTION 5 OF THIS MANUAL. Get comfortable with the features, functions, and operation of the Oasis Onboard XPert.
2. MINIMIZE DISTRACTIONS. Because the XP offers a wide variety of options, flexibility and opportunity for customizing the wash setup, the chance for error when programming is greatly increased.

Outlined below is the process required to enter a vend. **IMPORTANT!** The system cannot be in a wash cycle while attempting to enter a new vend or vend modification!

1. On the Onboard XPert Main Page [Fig 1, Pg 3.5], scroll through the Screen Selector Options until 'Vend Change Selection' is displayed. Press the Enter key. The Vend Change Selection screen will display [Fig 2, Pg 3.5].
2. Press F2 to activate the Remote Mode. Remote "ON" will flash on the display.
3. Select vend to modify by pressing F3 [Vend 1], F4 [Vend 2], F5 [Vend 3], or F6 [Vend 4]. Selected vend will flash on the display.
4. Press F7. The screen displayed [Fig 3, Pg 3.5], allows the option to create a New Vend [F1], Modify an Existing Vend [F2], return to the Previous Screen [F7], or go to the Main Page [F8].
 - a) If F1 is selected, display will change to the New Vend screen [Fig 4, Pg 3.5]. Entry instructions are detailed on Pg 3.4 under the heading "F1 New Vend". **IMPORTANT: If F1 'New Vend' is selected, the current data is zeroed out and cannot be recovered!**
 - b) If F2 is selected, display will change to the Modify Vend screen [Fig 5, Pg 3.5]. Details for modifying a vend are on Page 3.4 under the heading "F2 Modify Existing Vend".
 - c) If F7 is selected, display will return to the Vend Change Selection screen. If you decide not to modify the vend, you must turn "OFF" the vend selected for modifying, then turn "OFF" the Remote Functions before the system will return to the auto mode.
 - d) If F8 is selected, display will return to the Main Screen. If a vend was selected and the control system is in Remote, you must return to the Vend Change Screen to turn "OFF" the vend selected, and then press F2 to return the system to auto mode.

F1 New Vend [Fig 4, Pg 3.5]

1. Vend selected has been zeroed out and must be completely entered.
2. Enter the first number of Sequence 1. Each time you enter a number, a keypad will appear on the screen. Ignore it and continue to enter the desired number. Tab down (right arrow) after each number in the sequence is entered. When all have been entered, Press F1 'Enter Change' to move data to the 'Current' column.
3. Check to ensure data in the 'Current' column is correct. If not correct, use the tab keys to move up or down through the sequence and revise your entries. When correct, press F6 to accept your entries and move to the next sequence. Failure to do this will cause you to overwrite the sequence you just entered. To move down and up through the sequences, use the F6 and F7 keys.



Fig 1. The Onboard Xpert



Fig 2. Vend Change Selection

F3 Modify Vend 1	<p>Remote Must Be On To Modify Vend</p> <p>Select Vend To Modify Press F7 To Continue</p> <p>Press F1 To Store/Save Changes</p> <p>Turn Off Vend Number Modify When Change Completed</p>	F2 Remote "OFF"
F4 Modify Vend 2		F7 Modify Continue
F5 Modify Vend 3		F1 Store Vend
F6 Modify Vend 4		F8 Goto Main Page

Fig 3. Select New Vend or Modify Vend

F1 New Vend "Off"	F2 Modify Existing Vend
F7 Prev Screen	
F8 Goto Main Page	

Fig 4. New Vend

Change	Current	Vend #	Modify
NNN	NNN	File	F8 Prev Screen
NNN	NNN	Function	F6 Seq Down
NN	NN	Dwell	NN
N	N	Speed	F7 Seq Up
N	N	Inlet	
F1 Enter Change			

Sequence #

Fig 5. Modify Vend

Change	Current	Vend #	Modify
NNN	NNN	File	F2 Modify Pass
NNN	NNN	Function	F8 Prev Screen
NN	NN	Dwell	F4 Delete Seq
N	N	Speed	F6 Seq Down
N	N	Inlet	F5 Insert Seq
F1 Enter Change			
			NN
			F7 Seq Up

Sequence #

Fig 6. Vend Pass Modify

File	Function	Current Pass	Modify		
NNN	NNN		F1 To Insert New Data "Off"		
File	Function	Dwell	Speed	Inlet	
NNN	NNN	NN	N	N	Step One
NNN	NNN	NN	N	N	Step Two
NNN	NNN	NN	N	N	Step Three
F2 Enter Change					
F8 Prev Page					



4. Repeat steps 2 and 3 until all sequences have been entered.
5. **Last sequence MUST be 999 in the File position, and 999 in the Function position.** If this is not entered, the vend will lock up. Dwell, Speed and Inlet can be left as default numbers. Press F1 'Enter Change'.
6. Press F8 'Prev Screen' to return to the Vend Change Selection screen.
7. Press F1 'Store Vend'.
8. Turn "OFF" Modify Vend selection [F3, F4, F5 or F6].
9. Press F2 to turn Remote "OFF".

F2 Modify Existing Vend [Fig 5, Pg 3.5]

1. The screen will display data for the selected vend, beginning with Sequence 1. The sequence number is shown in the third data box in the far right-hand column.
2. Press F6 or F7 to move down or up through the sequences.
3. Press F4 to delete a sequence.
4. Press F5 to insert a sequence.
5. Enter data in the 'Change' column. Tab left or right to move the entry point. Make changes to all data blocks (if default value isn't correct)...File, Function, Dwell, Speed, and Inlet.
6. Press F1 'Enter Change' to move data to the 'Current' column. Check to ensure data in the 'Current' column is correct.
7. Repeat steps 2 through 6 until all modifications have been entered.
8. To adjust the Dwell, Speed and Inlet data for a Pass, press F2 'Modify Pass' [Fig 6, Pg 3.5].
 - a) Press F1 'To Insert New Data'. Tab left or right to move the data entry point, and change data as needed.
 - b) Press F2 'Enter Change'.
 - c) Press F8 'Prev Page' to return to the Vend Modify Screen.
9. **Last sequence MUST be 999 in the File position, and 999 in the Function position.** If this is not entered, the vend will lock up. Dwell, Speed and Inlet can be left as default numbers. Press F1 'Enter Change'. (Continued on Page 3.6)
10. Press F8 'Prev Screen' to return to the Vend Change Selection screen.
11. Press F1 'Store Vend'.
12. Turn "OFF" Modify Vend selection [F3, F4, F5 or F6].
13. Press F2 to turn Remote "OFF".



8-Pass Wash [Using Passes] [See Pages 3.8 & 3.9]

This vend has the following parameters:

- Low PH Presoak
- High PH Presoak with Tire Cleaner
- Underbody
- Side Blaster
- High Pressure Rinse
- Low Pressure Clear Coat
- Spot Free Rinse
- Water Inlet 1 is Hard Water
- Water Inlet 2 is Spot Free Water

Again, the first sequence of every wash vend is “0-1-1-2-1”, which rotates the adjustable wand 90° from the home position to spray front of car. The next sequence will fill the wands with presoak 1 before moving across the car. “1-3-4-1-2” represents a presoak 1 fill of 4 seconds using water inlet 2. This and all following sequences can be found in the Wash Selection Charts beginning on Page 3.25, which are arranged by function with steps, dwells and passes listed in a consistent order. “N/A” next to a step, dwell or pass indicates it is not available for that function.

“2-2-1-5-2” delivers presoak 1 on front, sides and rear at a speed of 5 using inlet 2. In order to give the presoak time to work, the next step, “1-66-5-1-1”, opens a bypass valve and keeps the machine at rest for 5 seconds without shutting off the high pressure pump on the pump stand. Dwells with no product going on the car should always use a ‘1’ as the inlet.

“1-37-4-1-2” performs a 4-second presoak 2 and tire cleaner fill in both wands using inlet 2. “2-52-1-5-2” sprays presoak 2 on front and back, and presoak and tire cleaner on sides. If we wanted tire cleaner on front and rear also, we would replace the ‘52’ with ‘9’.

“1-66-5-1-1” again gives the presoak and tire cleaner 5 seconds work time, followed by “1-18-8-1-1”, 8 seconds of underbody wash. Next, “1-21-3-1-1” allows 3 seconds of side blaster fill. “2-26-1-5-1” is a pass of side blaster, followed by “2-19-1-5-1”, a pass of high pressure rinse.

The next function is triple foam, but we cannot start it until the adjustable wand is moved to the other side of the bay. We chose “0-35-1-5-1” to move the wand and get extra high pressure cleaning at front of car. In order to cover the car well, we chose to run the triple foam for 3 seconds, “1-19-3-1-2”, before moving down the car, “0-63-1-5-2”.

We are now at the back of bay, but the adjustable wand is still extended. Before we can start a pass, we need to move it to the home corner of the car rear, “0-36-1-5-1”. Again we chose high pressure rinse to give us extra cleaning.

“2-19-1-5-1”, high pressure rinse with inlet 1, clears the triple foam and brings us to our low pressure clear coat pass, “2-24-1-5-2”. We chose low pressure and inlet 2 [in this case being spot free water] to minimize chemical use and maximize our finished look. If more rinsing of triple foam is desired, a medium or high pressure clear coat pass could be selected.

Our final pass is spot free rinse, so we fill the wands for 4 seconds, “1-59-4-1-2”. “2-35-1-5-2” applies spot free rinse to front of car, “0-2-1-2-1” spins wand to home, and “0-73-1-3-1” moves adjustable wand to home position. That leaves only “999-999”, which signals end of wash.



8-Pass Wash [Using Passes]

Sequence	File	Function	Dwell	Speed	Inlet
1	0	1	1	2	1
2	1	3	4	1	2
3	2	2	1	5	2
4	1	66	5	1	1
5	1	37	4	1	2
6	2	52	1	5	2
7	1	66	5	1	1
8	1	18	8	1	1
9	1	21	3	1	1
10	2	26	1	5	1
11	2	19	1	5	1
12	0	35	1	5	1
13	1	19	3	1	2
14	0	63	1	5	2
15	0	36	1	5	1
16	2	19	1	5	1
17	2	24	1	5	2
18	1	59	4	1	2
19	2	35	1	5	2
20	0	2	1	2	1
21	0	73	1	3	1
22	999	999			

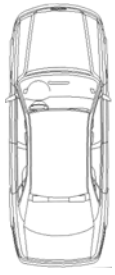
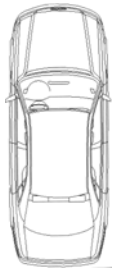
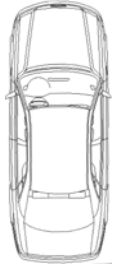
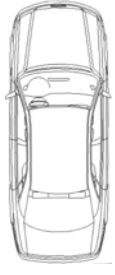
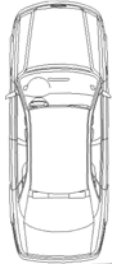



<p>8-Pass Wash [Using Passes]</p> <p>As you can clearly see by this diagram, passes consolidate several steps into one, saving considerable time in entering the vend into the Onboard XPert.</p>	<p>Presoak 1 1</p> <p><u>0 1 1 2 1</u></p> <p><u>1-3-4-1-2</u> DWELL</p> <p style="text-align: center;">2-2-1-5-2 →</p> <p><u>1-66-5-1-1</u> DWELL</p>	<p>Presoak 2 + Tire Cleaner 2</p> <p><u>1-66-5-1-1</u> DWELL</p> <p style="text-align: center;">←</p> <p><u>1-37-4-1-2</u> DWELL</p> <p style="text-align: center;">2-52-1-5-2 →</p>
<p>Side Blaster 3</p> <p>Underbody <u>1-18-8-1-1</u> → <u>2-26-1-5-1</u></p> <p><u>1-21-3-1-1</u> DWELL</p> <p>DWELL</p>	<p>High Pressure Rinse 4</p> <p style="text-align: center;">←</p> <p>DWELL</p> <p style="text-align: center;">2-19-1-5-1 →</p>	<p>Triple Foam 5</p> <p>HP Rinse <u>0-35-1-5-1</u> →</p> <p><u>1-19-3-1-2</u> DWELL</p> <p style="text-align: center;">↓</p> <p><u>0-63-1-5-2</u></p> <p>DWELL HP Rinse ← <u>0-36-1-5-1</u> DWELL</p>
<p>High Pressure Rinse 6</p> <p style="text-align: center;">←</p> <p>DWELL</p> <p style="text-align: center;">2-19-1-5-1 →</p>	<p>Low Pressure Clear Coat 7</p> <p style="text-align: center;">2-24-1-5-2 →</p> <p>DWELL</p> <p style="text-align: center;">←</p>	<p>Spot Free Rinse 8</p> <p style="text-align: center;">←</p> <p>DWELL</p> <p><u>1-59-4-1-2</u> DWELL</p> <p style="text-align: center;">2-35-1-5-2 →</p> <p>End Sequence <u>0-2-1-2-1</u> <u>0-73-1-3-1</u> 999-999</p>



8-Pass Wash [Using Steps]

Sequence	File	Function	Dwell	Speed	Inlet
1	0	1	1	2	1
2	1	3	4	1	2
3	0	3	1	5	2
4	0	5	1	5	2
5	0	4	1	5	2
6	1	66	5	1	1
7	1	37	4	1	2
8	0	15	1	5	2
9	0	18	1	5	2
10	0	16	1	5	2
11	1	66	5	1	1
12	1	18	8	1	1
13	1	21	3	1	1
14	0	51	1	5	1
15	0	53	1	5	1
16	0	52	1	5	1
17	0	35	1	5	1
18	0	38	1	5	1
19	0	36	1	5	1
20	0	35	1	5	1
21	1	19	3	1	2
22	0	63	1	5	2
23	0	36	1	5	1
24	0	35	1	5	1
25	0	38	1	5	1
26	0	36	1	5	1
27	0	47	1	5	2
28	0	49	1	5	2
29	0	48	1	5	2
30	1	59	4	1	2

Sequence	File	Function	Dwell	Speed	Inlet
31	0	99	1	5	2
32	0	102	1	5	2
33	0	100	1	5	2
34	0	2	1	2	1
35	0	73	1	3	1
36	999	999			

<p>8-Pass Wash [Using Steps]</p> <p>0-1-1-2-1 Always First Step → (Rotates Adj Wand to Start Position)</p> <p>Wash can finish in two ways:</p> <p>1) Front of Car [Adj Wand at Home Side] 0-2-1-2-1 Rotates Adj Wand Home 0-73-1-3-1 Sends Trolley Home 999-999 End</p> <p>2) Back of Car [Adj Wand at Home Side] 0-98-1-3-1 Extends Bridge Fully 0-2-1-2-1 Rotates Adj Wand Home 999-999 End</p>	<p>Presoak 1 1</p> <p>0 1 1 2 1</p> <p>1-3-4-1-2 DWELL</p> <p>0-3-1-5-2 →</p>  <p>0-5-1-5-2 ↓</p> <p>1-66-5-1-1 DWELL</p> <p>0-4-1-5-2 ←</p> <p>DWELL</p>	<p>Presoak 2 + Tire Cleaner 2</p> <p>0-16-1-5-2 ←</p> <p>1-66-5-1-1 DWELL</p>  <p>0-18-1-5-2 ↑</p> <p>1-37-4-1-2 DWELL</p> <p>0-15-1-5-2 →</p> <p>DWELL</p>
<p>Side Blaster 3</p> <p>Underbody 1-18-8-1-1 → 0-51-1-5-1</p> <p>1-21-3-1-1 DWELL</p>  <p>0-53-1-5-1 ↓</p> <p>DWELL</p> <p>0-52-1-5-1 ←</p> <p>DWELL</p>	<p>High Pressure Rinse 4</p> <p>0-36-1-5-1 ←</p> <p>DWELL</p>  <p>0-38-1-5-1 ↑</p> <p>DWELL</p> <p>0-35-1-5-1 →</p> <p>DWELL</p>	<p>Triple Foam 5</p> <p>HP Rinse 0-35-1-5-1 →</p> <p>DWELL</p>  <p>0-63-1-5-2 ↓</p> <p>DWELL</p> <p>HP Rinse 0-36-1-5-1 ←</p> <p>DWELL</p>
<p>High Pressure Rinse 6</p> <p>0-36-1-5-1 ←</p> <p>DWELL</p>  <p>0-38-1-5-1 ↑</p> <p>DWELL</p> <p>0-35-1-5-1 →</p> <p>DWELL</p>	<p>Low Pressure Clear Coat 7</p> <p>0-47-1-5-2 →</p> <p>DWELL</p>  <p>0-49-1-5-2 ↓</p> <p>DWELL</p> <p>0-48-1-5-2 ←</p> <p>DWELL</p>	<p>Spot Free Rinse 8</p> <p>0-100-1-5-2 ←</p> <p>DWELL</p>  <p>0-102-1-5-2 ↑</p> <p>DWELL</p> <p>1-59-4-1-2 DWELL</p> <p>0-99-1-5-2 →</p> <p>End Sequence 0-2-1-2-1 0-73-1-3-1 999-999</p>



**8-Pass Wash [Vend Option]
Double Presoak 1, Side Blaster, HP Rinse, Triple Foam, HP Rinse,
MP Clear Coat, Spot Free**

Sequence	File	Function	Dwell	Speed	Inlet
1	0	1	1	2	1
2	2	2	1	5	1
3	2	3	1	5	1
4	2	26	1	5	1
5	2	19	1	5	1
6	0	35	1	5	1
7	0	63	1	5	1
8	0	36	1	5	1
9	2	19	1	5	1
10	2	44	1	5	1
11	2	35	1	5	1
12	0	2	1	2	1
13	0	73	1	3	1
14	999	999			



**6-Pass Wash [Vend Option]
Double Presoak 1, Side Blaster, Double HP Rinse, Spot Free**

Sequence	File	Function	Dwell	Speed	Inlet
1	0	1	1	2	1
2	2	2	1	5	1
3	2	3	1	5	1
4	2	26	1	5	1
5	2	19	1	5	1
6	2	18	1	5	1
7	2	35	1	5	1
8	0	2	1	2	1
9	0	73	1	3	1
10	999	999			



4-Pass Wash [Vend Option]
Minimal Steps, Single Inlet. Use for testing and quick recovery.
Presoak 1, Side Blaster, HP Rinse, Spot Free

Sequence	File	Function	Dwell	Speed	Inlet
1	0	1	1	2	1
2	2	2	1	5	1
3	2	27	1	5	1
4	2	18	1	5	1
5	2	35	1	5	1
6	0	2	1	2	1
7	0	73	1	3	1
8	999	999			



DWELL FUNCTIONS

File	Function	Description
1	0	Dwell Only No Pump Or Chemical Spray
1	1	Presoak #1 Adjustable Wand Purge Only
1	2	Presoak #1 Fixed Wand Purge Only
1	3	Presoak #1 Both Wands Purge
1	4	Presoak #2 Adjustable Wand Purge Only
1	5	Presoak #2 Fixed Wand Purge Only
1	6	Presoak #2 Both Wands Purge
1	7	Underbody With Chemical #1
1	8	Underbody With Chemical #2
1	9	High Pressure Chemical #1 Purge Adjustable Wand Only
1	10	High Pressure Chemical #1 Purge Fixed Wand Only
1	11	High Pressure Chemical #1 Purge Both Wands
1	12	High Pressure Water Only Purge Adjustable Wand Only
1	13	High Pressure Water Only Purge Fixed Wand Only
1	14	High Pressure Water Only Purge Both Wands
1	15	High Pressure Clear Coat Purge Adjustable Wand Only
1	16	High Pressure Clear Coat Purge Fixed Wand Only
1	17	High Pressure Clear Coat Purge Both Wands
1	18	Underbody Wash With Water Only
1	19	Triple Foam Wax Purge
1	20	Low Pressure Spot Free Rinse Purge Both Wands
1	21	Side Blasters Adjustable Wand Only Water Purge
1	22	Side Blasters Fixed Wand Only Water Purge
1	23	Side Blasters Both Wands Water Purge
1	24	Low Pressure Wand Chemical Purge Adjustable Wand Only
1	25	Low Pressure Wand Chemical Purge Fixed Wand Only
1	26	Low Pressure Wand Chemical Purge Both Wands
1	27	High Pressure Chemical #2 Purge Adjustable Wand Only
1	28	High Pressure Chemical #2 Purge Fixed Wand Only
1	29	High Pressure Chemical #2 Purge Both Wands
1	30	Air Purge Only No Pump or Chemical Spray
1	31	Tire Cleaner Purge Both Wands
1	32	Tire Cleaner Purge With Presoak #1 Adjustable Wand Only
1	33	Tire Cleaner Purge With Presoak #1 Fixed Wand Only
1	34	Tire Cleaner Purge With Presoak #1 Both Wands
1	35	Tire Cleaner Purge With Presoak #2 Adjustable Wand Only
1	36	Tire Cleaner Purge With Presoak #2 Fixed Wand Only
1	37	Tire Cleaner Purge With Presoak #2 Both Wands
1	38	Side Blasters Purge With Chemical #1 Adjustable Wand Only
1	39	Side Blasters Purge With Chemical #1 Fixed Wand Only
1	40	Side Blasters Purge With Chemical #1 Both Wands
1	41	Medium Pressure With Chemical #1 Purge Adjustable Wand Only
1	42	Medium Pressure With Chemical #1 Purge Fixed Wand Only
1	43	Medium Pressure With Chemical #1 Purge Both Wands
1	44	Low Pressure With Chemical #1 Purge Adjustable Wand Only
1	45	Low Pressure With Chemical #1 Purge Fixed Wand Only
1	46	Low Pressure With Chemical #1 Purge Both Wands



DWELL FUNCTIONS

File	Function	Description
1	47	Low Pressure Water Only Purge Adjustable Wand Only
1	48	Low Pressure Water Only Purge Fixed Wand Only
1	49	Low Pressure Water Only Purge Both Wands Only
1	50	Low Pressure Clear Coat Purge Adjustable Wand Only
1	51	Low Pressure Clear Coat Purge Fixed Wand Only
1	52	Low Pressure Clear Coat Purge Both Wands
1	53	Medium Pressure With Chemical #2 Purge Adjustable Wand Only
1	54	Medium Pressure With Chemical #2 Purge Fixed Wand Only
1	55	Medium Pressure With Chemical #2 Purge Both Wands
1	56	Low Pressure With Chemical #2 Purge Adjustable Wand Only
1	57	Low Pressure With Chemical #2 Purge Fixed Wand Only
1	58	Low Pressure With Chemical #2 Purge Both Wands
1	59	Medium Pressure Spot Free Rinse Both Wands
1	60	Medium Pressure Clear Coat Purge Adjustable Wand Only
1	61	Medium Pressure Clear Coat Purge Fixed Wand Only
1	62	Medium Pressure Clear Coat Purge Both Wands
1	63	Medium Pressure Water Purge Both Wands
1	64	Medium Pressure Water Purge Adjustable Wand Only
1	65	Medium Pressure Water Purge Fixed Wand Only
1	66	Dwell Only Pump And Bypass On
1	67	Dwell Only Air Purge Pump And Bypass On
1	68	Low Pressure With Chemical #2 Nozzles Only
1	69	Dwell Only Dryer to Prestart Motors With Hydraulics Running



STEP FUNCTIONS

File	Function	Description
0	1	Rotation Wand Off Home To Front
0	2	Rotation Wand To Home
0	3	Presoak #1 Extend Adjustable Wand
0	4	Presoak #1 Home Adjustable Wand
0	5	Presoak #1 Bridge Extend
0	6	Presoak #1 Bridge Home
0	7	Presoak #2 Adjustable Wand Extend
0	8	Presoak #2 Adjustable Wand Home
0	9	Presoak #2 Bridge Extend
0	10	Presoak #2 Bridge Home
0	11	Presoak #1 With Tire Cleaner Adjustable Wand Extend
0	12	Presoak #1 With Tire Cleaner Adjustable Wand Home
0	13	Presoak #1 With Tire Cleaner Bridge Extend
0	14	Presoak #1 With Tire Cleaner Bridge Home
0	15	Presoak #2 With Tire Cleaner Adjustable Wand Extend
0	16	Presoak #2 With Tire Cleaner Adjustable Wand Home
0	17	Presoak #2 With Tire Cleaner Bridge Extend
0	18	Presoak #2 With Tire Cleaner Bridge Home
0	19	Side Blasters With Chemical #1 Adjustable Wand Extend
0	20	Side Blasters With Chemical #1 Adjustable Wand Home
0	21	Side Blasters With Chemical #1 Bridge Extend
0	22	Side Blasters With Chemical #1 Bridge Home
0	23	Medium Pressure With Chemical #1 Adjustable Wand Extend
0	24	Medium Pressure With Chemical #1 Adjustable Wand Home
0	25	Medium Pressure With Chemical #1 Bridge Extend
0	26	Medium Pressure With Chemical #1 Bridge Home
0	27	Low Pressure With Chemical #1 Adjustable Wand Extend
0	28	Low Pressure With Chemical #1 Adjustable Wand Home
0	29	Low Pressure With Chemical #1 Bridge Extend
0	30	Low Pressure With Chemical #1 Bridge Home
0	31	High Pressure Chemical #1 Adjustable Wand Extend
0	32	High Pressure Chemical #1 Adjustable Wand Home
0	33	High Pressure Chemical #1 Bridge Extend
0	34	High Pressure Chemical #1 Bridge Home
0	35	High Pressure Rinse Adjustable Wand Extend
0	36	High Pressure Rinse Adjustable Wand Home
0	37	High Pressure Rinse Bridge Extend
0	38	High Pressure Rinse Bridge Home
0	39	Low Pressure Rinse Adjustable Wand Extend
0	40	Low Pressure Rinse Adjustable Wand Home
0	41	Low Pressure Rinse Bridge Extend
0	42	Low Pressure Rinse Bridge Home
0	43	High Pressure Clear Coat Adjustable Wand Extend
0	44	High Pressure Clear Coat Adjustable Wand Home
0	45	High Pressure Clear Coat Bridge Extend
0	46	High Pressure Clear Coat Bridge Home



STEP FUNCTIONS

File	Function	Description
0	47	Low Pressure Clear Coat Adjustable Wand Extend
0	48	Low Pressure Clear Coat Adjustable Wand Home
0	49	Low Pressure Clear Coat Bridge Extend
0	50	Low Pressure Clear Coat Bridge Home
0	51	Side Blasters Water Only Adjustable Wand Extend
0	52	Side Blasters Water Only Adjustable Wand Home
0	53	Side Blasters Water Only Bridge Extend
0	54	Side Blasters Water Only Bridge Home
0	55	Medium Pressure Chemical #2 Adjustable Wand Extend
0	56	Medium Pressure Chemical #2 Adjustable Wand Home
0	57	Medium Pressure Chemical #2 Bridge Extend
0	58	Medium Pressure Chemical #2 Bridge Home
0	59	Low Pressure Chemical #2 Adjustable Wand Extend
0	60	Low Pressure Chemical #2 Adjustable Wand Home
0	61	Low Pressure Chemical #2 Bridge Extend
0	62	Low Pressure Chemical #2 Bridge Home
0	63	Triple Foam Wax Bridge Extend
0	64	Triple Foam Wax Bridge Home
0	65	Low Pressure Spot Free Rinse Adjustable Wand Extend
0	66	Low Pressure Spot Free Rinse Adjustable Wand Home
0	67	Low Pressure Spot Free Rinse Bridge Extend
0	68	Low Pressure Spot Free Rinse Bridge Home
0	69	Adjustable Wand Extend Only Dry Move Pump and Bypass On
0	70	Adjustable Wand Home Only Dry Move Pump and Bypass On
0	71	Bridge Extend Only Dry Move Pump and Bypass On
0	72	Bridge Home Only Dry Move Pump and Bypass On
0	73	Bridge Home Only No Pump or Chemical Spray
0	74	Tire Cleaner Adjustable Wand Extend
0	75	Tire Cleaner Adjustable Wand Home
0	76	Tire Cleaner Bridge Extend
0	77	Tire Cleaner Bridge Home
0	78	Low Pressure Wand Chemical Adjustable Wand Extend
0	79	Low Pressure Wand Chemical Adjustable Wand Home
0	80	Low Pressure Wand Chemical Bridge Extend
0	81	Low Pressure Wand Chemical Bridge Home
0	82	High Pressure Chemical #2 Adjustable Wand Extend
0	83	High Pressure Chemical #2 Adjustable Wand Home
0	84	High Pressure Chemical #2 Bridge Extend
0	85	High Pressure Chemical #2 Bridge Home
0	86	Underbody Wash With Chemical #1 Adjustable Wand Extend
0	87	Underbody Wash With Chemical #1 Adjustable Wand Home
0	88	Underbody Wash With Chemical #1 Bridge Extend
0	89	Underbody Wash With Chemical #1 Bridge Home
0	90	Underbody Wash With Water Only Adjustable Wand Extend
0	91	Underbody Wash With Water Only Adjustable Wand Home
0	92	Underbody Wash With Water Only Bridge Extend
0	93	Underbody Wash With Water Only Bridge Home



STEP FUNCTIONS

File	Function	Description
0	94	Underbody Wash With Chemical #2 Adjustable Wand Extend
0	95	Underbody Wash With Chemical #2 Adjustable Wand Home
0	96	Underbody Wash With Chemical #2 Bridge Extend
0	97	Underbody Wash With Chemical #2 Bridge Home
0	98	Store Bridge At Rear Of Bay (Adjustable Wand At Rear and Wand At Rear) Must be followed by a 0/2 Step
0	99	Spot Free Rinse Medium Pressure Adjustable Wand Extend
0	100	Spot Free Rinse Medium Pressure Adjustable Wand Home
0	101	Spot Free Rinse Medium Pressure Bridge Extend
0	102	Spot Free Rinse Medium Pressure Bridge Home
0	103	Medium Pressure Clear Coat Adjustable Wand Extend
0	104	Medium Pressure Clear Coat Adjustable Wand Home
0	105	Medium Pressure Clear Coat Bridge Extend
0	106	Medium Pressure Clear Coat Bridge Home
0	107	Medium Pressure Rinse Adjustable Wand Extend
0	108	Medium Pressure Rinse Adjustable Wand Home
0	109	Medium Pressure Rinse Bridge Extend
0	110	Medium Pressure Rinse Bridge Home
0	111	Low Pressure With Chemical #2 Nozzles Only Bridge Extend
0	112	Low Pressure With Chemical #2 Nozzles Only Bridge Home
0	113	Onboard Dryer With Blowers Extend
0	114	Onboard Dryer With Blowers Home
0	115	Onboard Dryer Without Blowers Extend
0	116	Onboard Dryer Without Blowers Home



PASS FUNCTIONS

File	Function	Description
2	0	Adjustable Wand Move Off Home To Front (Always First Step)
2	1	Adjustable Wand Move Home Then Bridge Move Home
2	2	Presoak #1 Front to Rear
2	3	Presoak #1 Rear to Front
2	4	Presoak #2 Front to Rear
2	5	Presoak #2 Rear to Front
2	6	Presoak #1 With Tire Cleaner Front to Rear
2	7	Presoak #1 With Tire Cleaner Rear to Front
2	8	Presoak #2 With Tire Cleaner Front to Rear
2	9	Presoak #2 With Tire Cleaner Rear to Front
2	10	Side Blasters With Chemical #1 Front to Rear
2	11	Side Blasters With Chemical #1 Rear to Front
2	12	Medium Pressure With Chemical #1 HP Wand Front to Rear
2	13	Medium Pressure With Chemical #1 HP Wand Rear to Front
2	14	Low Pressure With Chemical #1 HP Wand Front to Rear
2	15	Low Pressure With Chemical #1 HP Wand Rear to Front
2	16	High Pressure Chemical #1 Front to Rear
2	17	High Pressure Chemical #1 Rear to Front
2	18	High Pressure Rinse Front to Rear
2	19	High Pressure Rinse Rear to Front
2	20	Low Pressure Rinse Front to Rear
2	21	Low Pressure Rinse Rear to Front
2	22	High Pressure Clear Coat Front to Rear
2	23	High Pressure Clear Coat Rear to Front
2	24	Low Pressure Clear Coat Front to Rear
2	25	Low Pressure Clear Coat Rear to Front
2	26	Side Blasters Water Only Front to Rear
2	27	Side Blasters Water Only Rear to Front
2	28	Medium Pressure Chemical #2 Front to Rear
2	29	Medium Pressure Chemical #2 Rear to Front
2	30	Low Pressure Chemical #2 Front to Rear
2	31	Low Pressure Chemical #2 Rear to Front
2	32	Medium Pressure Spot Free Rinse Front to Rear
2	33	Medium Pressure Spot Free Rinse Rear to Front
2	34	Low Pressure Spot Free Rinse Front to Rear
2	35	Low Pressure Spot Free Rinse Rear to Front
2	36	Tire Cleaner Front to Rear
2	37	Tire Cleaner Rear to Front
2	38	Low Pressure Wand Chemical Front to Rear
2	39	Low Pressure Wand Chemical Rear to Front
2	40	High Pressure Chemical #2 Front to Rear
2	41	High Pressure Chemical #2 Rear to Front
2	42	Medium Pressure Rinse Front to Rear
2	43	Medium Pressure Rinse Rear to Front
2	44	Medium Pressure Clear Coat Front to Rear
2	45	Medium Pressure Clear Coat Rear to Front
2	46	
2	47	
2	48	Store Bridge at Rear of Bay (Pump Off, No Chemical Spray)
2	49	Presoak #1 (With Tire Cleaner on Sides Only) Front to Rear
2	50	Presoak #1 (With Tire Cleaner on Sides Only) Rear to Front
2	51	Presoak #2 (With Tire Cleaner on Sides Only) Front to Rear
2	52	Presoak #2 (With Tire Cleaner on Sides Only) Rear to Front



Wash Selection Charts

The following pages contain Wash Selection Charts. The index below indicates on which page and in what section of the page you will find the wash selection you are looking for. These pages have been printed on one side only for ease in utilizing the information provided.

PAGE 3.23	
PRESOAK 1	PRESOAK 2
PRESOAK 1 + TIRE CLEANER	PRESOAK 2 + TIRE CLEANER
TRIPLE FOAM	TIRE CLEANER
DRYER BRIDGE MOVEMENT [DRYER 'ON']	DRYER BRIDGE MOVEMENT [DRYER 'OFF']

PAGE 3.25	
HIGH PRESSURE CHEMICAL 1	HIGH PRESSURE CHEMICAL 2
MEDIUM PRESSURE CHEMICAL 1	MEDIUM PRESSURE CHEMICAL 2
LOW PRESSURE CHEMICAL 1	LOW PRESSURE CHEMICAL 2
EXTRA CHEMICAL LOW PRESSURE WAND	AIR PURGE

PAGE 3.27	
HIGH PRESSURE CLEAR COAT	UNDERBODY
MEDIUM PRESSURE CLEAR COAT	UNDERBODY + CHEMICAL 1
LOW PRESSURE CLEAR COAT	UNDERBODY + CHEMICAL 2
SIDE BLASTER	SIDE BLASTER + CHEMICAL 1

PAGE 3.29	
HGH PRESSURE RINSE	MEDIUM PRESSURE SPOT FREE
MEDIUM PRESSURE RINSE	LOW PRESSURE SPOT FREE
LOW PRESSURE RINSE	LP OPTION 2 NOZZLES ONLY
	BRIDGE MOVE NO PUMP
BRIDGE STORE BACK OF BAY	BRIDGE MOVE DRY PUMP & BYPASS



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Wash Selection Charts

PRESOAK 1					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	3	1	5	1-4
Trolley Home	0	4	1	5	1-4
Bridge Extend	0	5	1	5	1-4
Bridge Home	0	6	1	5	1-4
Dwell Adj Wand	1	1	1-12	1	1-4
Dwell Fixed Wand	1	2	1-12	1	1-4
Dwell Both Wands	1	3	1-12	1	1-4
Pass Extend	2	2	1	5	1-4
Pass Home	2	3	1	5	1-4

PRESOAK 2					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	7	1	5	1-4
Trolley Home	0	8	1	5	1-4
Bridge Extend	0	9	1	5	1-4
Bridge Home	0	10	1	5	1-4
Dwell Adj Wand	1	4	1-12	1	1-4
Dwell Fixed Wand	1	5	1-12	1	1-4
Dwell Both Wands	1	6	1-12	1	1-4
Pass Extend	2	4	1	5	1-4
Pass Home	2	5	1	5	1-4

PRESOAK 1 + TIRE CLEANER					
	File	Function	Dwell	Speed	Inlet
*Trolley Extend	0	11	1	5	1-4
*Trolley Home	0	12	1	5	1-4
Bridge Extend	0	13	1	5	1-4
Bridge Home	0	14	1	5	1-4
*Dwell Adj Wand	1	32	1-12	1	1-4
*Dwell Fixed Wand	1	33	1-12	1	1-4
Dwell Both Wands	1	34	1-12	1	1-4
Pass Extend	2	*6 / **49	1	5	1-4
Pass Home	2	*7 / **50	1	5	1-4
*Tire Cleaner will come out both wands.					
**49, 50, 51, 52 Tire Cleaner not on front & rear; sides only.					

PRESOAK 2 + TIRE CLEANER					
	File	Function	Dwell	Speed	Inlet
*Trolley Extend	0	15	1	5	1-4
*Trolley Home	0	16	1	5	1-4
Bridge Extend	0	17	1	5	1-4
Bridge Home	0	18	1	5	1-4
*Dwell Adj Wand	1	35	1-12	1	1-4
*Dwell Fixed Wand	1	36	1-12	1	1-4
Dwell Both Wands	1	37	1-12	1	1-4
Pass Extend	2	*8 / **51	1	5	1-4
Pass Home	2	*9 / **52	1	5	1-4
*Tire Cleaner will come out both wands.					
**49, 50, 51, 52 Tire Cleaner not on front & rear; sides only.					

TRIPLE FOAM					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	n/a				
Trolley Home	n/a				
Bridge Extend	0	63	1	5	1-4
Bridge Home	0	64	1	5	1-4
Dwell Adj Wand	n/a				
Dwell Fixed Wand	n/a				
Dwell Both Wands	1	19	1-12	1	1-4
Pass Extend	n/a				
Pass Home	n/a				

TIRE CLEANER					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	74	1	5	1-4
Trolley Home	0	75	1	5	1-4
Bridge Extend	0	76	1	5	1-4
Bridge Home	0	77	1	5	1-4
Dwell Adj Wand	n/a				
Dwell Fixed Wand	n/a				
Dwell Both Wands	1	31	1-12	1	1-4
Pass Extend	2	36	1	5	1-4
Pass Home	2	37	1	5	1-4

DRYER BRIDGE MOVEMENT [DRYER 'ON']					
	File	Function	Dwell	Speed	Inlet
Blowers Extend	0	113	1	2-8	1
Blowers Home	0	114	1	2-8	1
Delay w/Dryer 'ON'	1	69	1-12	1	1

DRYER BRIDGE MOVEMENT [DRYER 'OFF']					
	File	Function	Dwell	Speed	Inlet
Blowers Extend	0	115	1	2-8	1
Blowers Home	0	116	1	2-8	1



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HIGH PRESSURE CHEMICAL 1					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	31	1	5	1-4
Trolley Home	0	32	1	5	1-4
Bridge Extend	0	33	1	5	1-4
Bridge Home	0	34	1	5	1-4
Dwell Adj Wand	1	9	1-12	1	1-4
Dwell Fixed Wand	1	10	1-12	1	1-4
Dwell Both Wands	1	11	1-12	1	1-4
Pass Extend	2	16	1	5	1-4
Pass Home	2	17	1	5	1-4

MEDIUM PRESSURE CHEMICAL 1					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	23	1	5	1-4
Trolley Home	0	24	1	5	1-4
Bridge Extend	0	25	1	5	1-4
Bridge Home	0	26	1	5	1-4
Dwell Adj Wand	1	41	1-12	1	1-4
Dwell Fixed Wand	1	42	1-12	1	1-4
Dwell Both Wands	1	43	1-12	1	1-4
Pass Extend	2	12	1	5	1-4
Pass Home	2	13	1	5	1-4

LOW PRESSURE CHEMICAL 1					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	27	1	5	1-4
Trolley Home	0	28	1	5	1-4
Bridge Extend	0	29	1	5	1-4
Bridge Home	0	30	1	5	1-4
Dwell Adj Wand	1	44	1-12	1	1-4
Dwell Fixed Wand	1	45	1-12	1	1-4
Dwell Both Wands	1	46	1-12	1	1-4
Pass Extend	2	14	1	5	1-4
Pass Home	2	15	1	5	1-4

EXTRA CHEMICAL LOW PRESSURE WAND					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	78	1	5	1-4
Trolley Home	0	79	1	5	1-4
Bridge Extend	0	80	1	5	1-4
Bridge Home	0	81	1	5	1-4
Dwell Adj Wand	1	24	1-12	1	1-4
Dwell Fixed Wand	1	25	1-12	1	1-4
Dwell Both Wands	1	26	1-12	1	1-4
Pass Extend	2	38	1	5	1-4
Pass Home	2	39	1	5	1-4

HIGH PRESSURE CHEMICAL 2					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	82	1	5	1-4
Trolley Home	0	83	1	5	1-4
Bridge Extend	0	84	1	5	1-4
Bridge Home	0	85	1	5	1-4
Dwell Adj Wand	1	27	1-12	1	1-4
Dwell Fixed Wand	1	28	1-12	1	1-4
Dwell Both Wands	1	29	1-12	1	1-4
Pass Extend	2	40	1	5	1-4
Pass Home	2	41	1	5	1-4

MEDIUM PRESSURE CHEMICAL 2					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	55	1	5	1-4
Trolley Home	0	56	1	5	1-4
Bridge Extend	0	57	1	5	1-4
Bridge Home	0	58	1	5	1-4
Dwell Adj Wand	1	53	1-12	1	1-4
Dwell Fixed Wand	1	54	1-12	1	1-4
Dwell Both Wands	1	55	1-12	1	1-4
Pass Extend	2	28	1	5	1-4
Pass Home	2	29	1	5	1-4

LOW PRESSURE CHEMICAL 2					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	59	1	5	1-4
Trolley Home	0	60	1	5	1-4
Bridge Extend	0	61	1	5	1-4
Bridge Home	0	62	1	5	1-4
Dwell Adj Wand	1	56	1-12	1	1-4
Dwell Fixed Wand	1	57	1-12	1	1-4
Dwell Both Wands	1	58	1-12	1	1-4
Pass Extend	2	30	1	5	1-4
Pass Home	2	31	1	5	1-4

AIR PURGE					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	n/a				
Trolley Home	n/a				
Bridge Extend	n/a				
Bridge Home	n/a				
Dwell Adj Wand	n/a				
Dwell No Pump	1	30			
Dwell Pump/Bypass	1	67			
Pass Extend	n/a				
Pass Home	n/a				



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HIGH PRESSURE CLEAR COAT					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	43	1	5	1-4
Trolley Home	0	44	1	5	1-4
Bridge Extend	0	45	1	5	1-4
Bridge Home	0	46	1	5	1-4
Dwell Adj Wand	1	15	1-12	1	1-4
Dwell Fixed Wand	1	16	1-12	1	1-4
Dwell Both Wands	1	17	1-12	1	1-4
Pass Extend	2	22	1	5	1-4
Pass Home	2	23	1	5	1-4

MEDIUM PRESSURE CLEAR COAT					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	103	1	5	1-4
Trolley Home	0	104	1	5	1-4
Bridge Extend	0	105	1	5	1-4
Bridge Home	0	106	1	5	1-4
Dwell Adj Wand	1	60	1-12	1	1-4
Dwell Fixed Wand	1	61	1-12	1	1-4
Dwell Both Wands	1	62	1-12	1	1-4
Pass Extend	2	44	1	5	1-4
Pass Home	2	45	1	5	1-4

LOW PRESSURE CLEAR COAT					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	47	1	5	1-4
Trolley Home	0	48	1	5	1-4
Bridge Extend	0	49	1	5	1-4
Bridge Home	0	50	1	5	1-4
Dwell Adj Wand	1	50	1-12	1	1-4
Dwell Fixed Wand	1	51	1-12	1	1-4
Dwell Both Wands	1	52	1-12	1	1-4
Pass Extend	2	24	1	5	1-4
Pass Home	2	25	1	5	1-4

SIDE BLASTER					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	51	1	5	1-4
Trolley Home	0	52	1	5	1-4
Bridge Extend	0	53	1	5	1-4
Bridge Home	0	54	1	5	1-4
Dwell Adj Wand	1	21	1-12	1	1-4
Dwell Fixed Wand	1	22	1-12	1	1-4
Dwell Both Wands	1	23	1-12	1	1-4
Pass Extend	2	26	1	5	1-4
Pass Home	2	27	1	5	1-4

UNDERBODY					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	90	1	5	1-4
Trolley Home	0	91	1	5	1-4
Bridge Extend	0	92	1	5	1-4
Bridge Home	0	93	1	5	1-4
Dwell Adj Wand	n/a				
Dwell Fixed Wand	n/a				
Dwell Both Wands	1	18	1-12	1	1-4
Pass Extend	n/a				
Pass Home	n/a				

UNDERBODY + CHEMICAL 1					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	86	1	5	1-4
Trolley Home	0	87	1	5	1-4
Bridge Extend	0	88	1	5	1-4
Bridge Home	0	89	1	5	1-4
Dwell Adj Wand	n/a				
Dwell Fixed Wand	n/a				
Dwell Both Wands	1	7	1-12	1	1-4
Pass Extend	n/a				
Pass Home	n/a				

UNDERBODY + CHEMICAL 2					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	94	1	5	1-4
Trolley Home	0	95	1	5	1-4
Bridge Extend	0	96	1	5	1-4
Bridge Home	0	97	1	5	1-4
Dwell Adj Wand	n/a				
Dwell Fixed Wand	n/a				
Dwell Both Wands	1	8	1-12	1	1-4
Pass Extend	n/a				
Pass Home	n/a				

SIDE BLASTER + CHEMICAL 1					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	19	1	5	1-4
Trolley Home	0	20	1	5	1-4
Bridge Extend	0	21	1	5	1-4
Bridge Home	0	22	1	5	1-4
Dwell Adj Wand	1	38	1-12	1	1-4
Dwell Fixed Wand	1	39	1-12	1	1-4
Dwell Both Wands	1	40	1-12	1	1-4
Pass Extend	2	10	1	5	1-4
Pass Home	2	11	1	5	1-4



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HIGH PRESSURE RINSE					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	35	1	5	1-4
Trolley Home	0	36	1	5	1-4
Bridge Extend	0	37	1	5	1-4
Bridge Home	0	38	1	5	1-4
Dwell Adj Wand	1	12	1-12	1	1-4
Dwell Fixed Wand	1	13	1-12	1	1-4
Dwell Both Wands	1	14	1-12	1	1-4
Pass Extend	2	18	1	5	1-4
Pass Home	2	19	1	5	1-4

MEDIUM PRESSURE RINSE					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	107	1	5	1-4
Trolley Home	0	108	1	5	1-4
Bridge Extend	0	109	1	5	1-4
Bridge Home	0	110	1	5	1-4
Dwell Adj Wand	1	63	1-12	1	1-4
Dwell Fixed Wand	1	64	1-12	1	1-4
Dwell Both Wands	1	65	1-12	1	1-4
Pass Extend	2	42	1	5	1-4
Pass Home	2	43	1	5	1-4

LOW PRESSURE RINSE					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	39	1	5	1-4
Trolley Home	0	40	1	5	1-4
Bridge Extend	0	41	1	5	1-4
Bridge Home	0	42	1	5	1-4
Dwell Adj Wand	1	47	1-12	1	1-4
Dwell Fixed Wand	1	48	1-12	1	1-4
Dwell Both Wands	1	49	1-12	1	1-4
Pass Extend	2	20	1	5	1-4
Pass Home	2	21	1	5	1-4

BRIDGE STORE BACK OF BAY					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	n/a				
Trolley Home	n/a				
Bridge Extend	0	98	1	5	1

NOTE: Only use if Bridge is at rear of car and Adjustable Wand is next to Fixed Wand. Must be followed by 0-2-1-3-1, and 999-999.

MEDIUM PRESSURE SPOT FREE (Large Pump ONLY)					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	99	1	5	1-4
Trolley Home	0	100	1	5	1-4
Bridge Extend	0	101	1	5	1-4
Bridge Home	0	102	1	5	1-4
Dwell Adj Wand	n/a				
Dwell Fixed Wand	n/a				
Dwell Both Wands	1	59	1-12	1	1-4
Pass Extend	2	32	1	5	1-4
Pass Home	2	33	1	5	1-4

LOW PRESSURE SPOT FREE					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	65	1	5	1-4
Trolley Home	0	66	1	5	1-4
Bridge Extend	0	67	1	5	1-4
Bridge Home	0	88	1	5	1-4
Dwell Adj Wand	n/a				
Dwell Fixed Wand	n/a				
Dwell Both Wands	1	20	1-12	1	1-4
Pass Extend	2	34	1	5	1-4
Pass Home	2	35	1	5	1-4

LOW PRESSURE OPTION 2 NOZZLES ONLY					
	File	Function	Dwell	Speed	Inlet
Bridge Extend	0	111	1	5	1-4
Bridge Home	0	112	1	5	1-4
Dwell Both Wands	1	68	1-12	1	1-4

BRIDGE MOVE NO PUMP					
	File	Function	Dwell	Speed	Inlet
Bridge Home	0	73	1	5	1
Dwell Both Wands	1	0	1-12	1	1

BRIDGE MOVE DRY PUMP & BYPASS					
	File	Function	Dwell	Speed	Inlet
Trolley Extend	0	69	1	5	1
Trolley Home	0	70	1	5	1
Bridge Extend	0	71	1	5	1
Bridge Home	0	72	1	5	1
Dwell Adj Wand	n/a				
Dwell Fixed Wand	n/a				
Dwell Both Wands	1	66	1-12	1	1
Pass Extend	n/a				
Pass Home	n/a				



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Default Vend #1

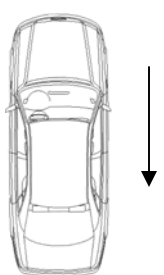
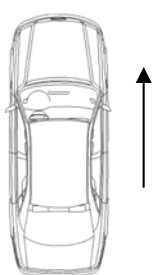
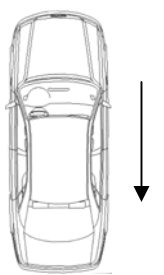
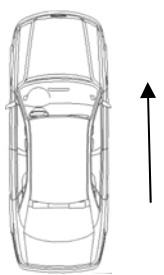
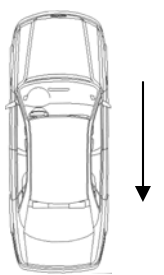
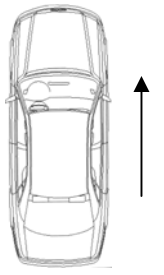
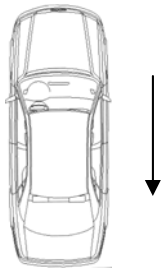
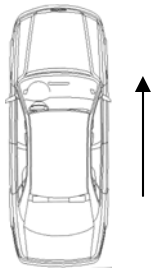
Sequence	File	Function	Dwell	Speed	Inlet
1	0	1	1	2	1
2	1	3	3	1	1
3	2	2	1	5	1
4	1	0	5	1	1
5	1	37	4	1	1
6	2	52	1	5	1
7	1	18	8	1	1
8	1	23	3	1	1
9	2	26	1	5	1
10	1	14	3	1	1
11	2	19	1	5	1
12	0	35	1	5	1
13	1	19	4	1	1
14	0	63	1	5	1
15	0	44	1	5	1
16	2	23	1	5	1
17	2	18	1	5	1
18	1	20	6	1	1
19	2	35	1	5	1
20	0	2	1	2	1
21	0	73	1	3	1
22	999	999			

<p><u>Default Vend #1</u></p> <p>Presoak 1 Presoak 2 + Tire Cleaner Underbody Side Blaster High Pressure Rinse Triple Foam High Pressure Clear Coat High Pressure Rinse Spot Free</p>	<p>Presoak 1 1</p> <p><u>01121</u></p> <p>2-2-1-5-1 →</p> <p>1-3-3-1-1 DWELL</p> <p>1-0-5-1-1 DWELL</p> <p>DWELL</p>	<p>Presoak 2 + Tire Cleaner 2</p> <p>Underbody <u>1-18-8-1-1</u></p> <p>DWELL</p> <p>1-37-4-1-1 DWELL</p> <p>2-52-1-5-1 →</p> <p>DWELL</p>
<p>Side Blaster 3</p> <p>2-26-1-5-1 →</p> <p>1-23-3-1-1 DWELL</p> <p>DWELL</p>	<p>High Pressure Rinse 4</p> <p>←</p> <p>DWELL</p> <p>1-14-3-1-1 DWELL</p> <p>2-19-1-5-1 →</p> <p>DWELL</p>	<p>Triple Foam 5</p> <p>0-35-1-5-1 →</p> <p>1-19-4-1-1 DWELL</p> <p>0-63-1-5-1 ↓</p> <p>0-44-1-5-1 ←</p> <p>DWELL</p>
<p>High Pressure Clear Coat 6</p> <p>←</p> <p>DWELL</p> <p>2-23-1-5-1 →</p> <p>DWELL</p>	<p>High Pressure Rinse 7</p> <p>2-18-1-5-1 →</p> <p>DWELL</p> <p>DWELL</p>	<p>Spot Free 8</p> <p>0-2-1-2-1 0-73-1-3-1 999-999</p> <p>←</p> <p>DWELL</p> <p>1-20-6-1-1 DWELL</p> <p>2-35-1-5-1 →</p> <p>DWELL</p>



Default Vend #2

Sequence	File	Function	Dwell	Speed	Inlet
1	0	1	1	2	1
2	1	3	3	1	1
3	2	2	1	5	1
4	1	0	5	1	1
5	1	37	4	1	1
6	2	52	1	5	1
7	1	18	8	1	1
8	1	23	3	1	1
9	2	26	1	5	1
10	1	14	3	1	1
11	2	19	1	5	1
12	2	22	1	5	1
13	1	20	6	1	1
14	2	35	1	5	1
15	0	2	1	2	1
16	0	73	1	3	1
17	999	999			

<p><u>Default Vend #2</u></p> <p>Presoak 1 Presoak 2 + Tire Cleaner Underbody Side Blaster High Pressure Rinse High Pressure Clear Coat Spot Free</p>	<p>Presoak 1 1</p> <p><u>01121</u></p> <p>2-2-1-5-1 →</p> <p>1-3-3-1-1 DWELL</p>  <p>1-0-5-1-1 DWELL</p>	<p>Presoak 2 + Tire Cleaner 2</p> <p>Underbody <u>1-18-8-1-1</u></p> <p>DWELL</p>  <p>1-37-4-1-1 DWELL</p> <p>2-52-1-5-1 →</p>
<p>Side Blaster 3</p> <p>2-26-1-5-1 →</p> <p>1-23-3-1-1 DWELL</p>  <p>DWELL</p>	<p>High Pressure Rinse 4</p> <p>←</p> <p>DWELL</p>  <p>1-14-3-1-1 DWELL</p> <p>2-19-1-5-1 →</p>	<p>High Pressure Clear Coat 5</p> <p>2-22-1-5-1 →</p> <p>DWELL</p>  <p>DWELL</p>
<p>Spot Free 6</p> <p>←</p> <p>DWELL</p>  <p>1-20-6-1-1 DWELL</p> <p>2-35-1-5-1 →</p>	<p><u>0-2-1-2-1</u> <u>0-73-1-3-1</u> <u>999-999</u></p> <p>→</p> <p>DWELL</p>  <p>DWELL</p>	<p>8</p> <p>←</p> <p>DWELL</p>  <p>DWELL</p>



Default Vend #3

Sequence	File	Function	Dwell	Speed	Inlet
1	0	1	1	2	1
2	1	3	3	1	1
3	2	2	1	5	1
4	1	0	5	1	1
5	1	6	4	1	1
6	2	5	1	5	1
7	1	18	8	1	1
8	1	23	3	1	1
9	2	26	1	5	1
10	1	14	3	1	1
11	2	19	1	5	1
12	2	18	1	5	1
13	1	20	6	1	1
14	2	35	1	5	1
15	0	2	1	2	1
16	0	73	1	3	1
17	999	999			

<p><u>Default Vend #3</u></p> <p>Presoak 1 Presoak 2 Underbody Side Blaster High Pressure Rinse High Pressure Rinse Spot Free</p>	<p>Presoak 1 1</p> <p><u>01121</u></p> <p>2-2-1-5-1 →</p> <p>1-3-3-1-1 DWELL</p> <p>1-0-5-1-1 DWELL</p>	<p>Presoak 2 2</p> <p>Underbody <u>1-18-8-1-1</u></p> <p>DWELL</p> <p>1-6-4-1-1 DWELL</p> <p>2-5-1-5-1 →</p> <p>DWELL</p>
<p>Side Blaster 3</p> <p>2-26-1-5-1 →</p> <p>1-23-3-1-1 DWELL</p> <p>DWELL</p>	<p>High Pressure Rinse 4</p> <p>←</p> <p>DWELL</p> <p>1-14-3-1-1 DWELL</p> <p>2-19-1-5-1 →</p> <p>DWELL</p>	<p>High Pressure Rinse 5</p> <p>2-18-1-5-1 →</p> <p>DWELL</p> <p>DWELL</p>
<p>Spot Free 6</p> <p>←</p> <p>DWELL</p> <p>1-20-6-1-1 DWELL</p> <p>2-35-1-5-1 →</p> <p>DWELL</p>	<p><u>0-2-1-2-1</u></p> <p><u>0-73-1-3-1</u></p> <p><u>999-999</u></p> <p>DWELL</p> <p>DWELL</p>	<p>8</p> <p>←</p> <p>DWELL</p> <p>DWELL</p>



Default Vend #4

Sequence	File	Function	Dwell	Speed	Inlet
1	0	1	1	2	1
2	1	3	3	1	1
3	2	2	1	5	1
4	1	18	8	1	1
5	1	23	3	1	1
6	2	27	1	5	1
7	1	14	3	1	1
8	2	42	1	5	1
9	1	20	7	1	1
10	2	35	1	5	1
11	0	2	1	2	1
12	0	73	1	3	1
13	999	999			

<p>Default Vend #4</p> <p>Presoak 1 Underbody Side Blaster High Pressure Rinse Spot Free</p>	<p>Presoak 1 1</p> <p><u>01121</u></p> <p>2-2-1-5-1 →</p> <p>1-3-3-1-1 DWELL</p> <p>Underbody <u>1-18-8-1-1</u> DWELL</p>	<p>Side Blaster 2</p> <p>←</p> <p>DWELL</p> <p>1-23-3-1-1 DWELL</p> <p>2-27-1-5-1 →</p> <p>DWELL</p>
<p>High Pressure Rinse 3</p> <p>2-42-1-5-1 →</p> <p>1-14-3-1-1 DWELL</p> <p>DWELL</p>	<p>Spot Free 4</p> <p>←</p> <p>DWELL</p> <p>1-20-7-1-1 DWELL</p> <p>2-35-1-5-1 →</p> <p>DWELL</p>	<p>5</p> <p>0-2-1-2-1 0-73-1-3-1 999-999</p> <p>→</p> <p>DWELL</p> <p>DWELL</p>
<p>6</p> <p>←</p> <p>DWELL</p> <p>DWELL</p>	<p>7</p> <p>→</p> <p>DWELL</p> <p>DWELL</p>	<p>8</p> <p>←</p> <p>DWELL</p> <p>DWELL</p>



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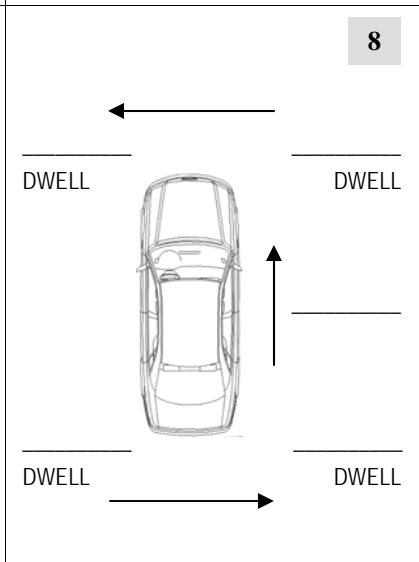
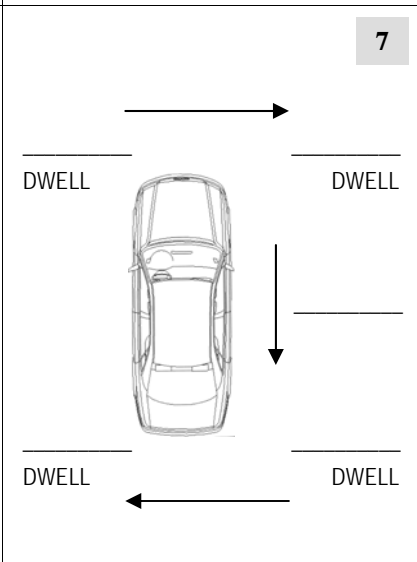
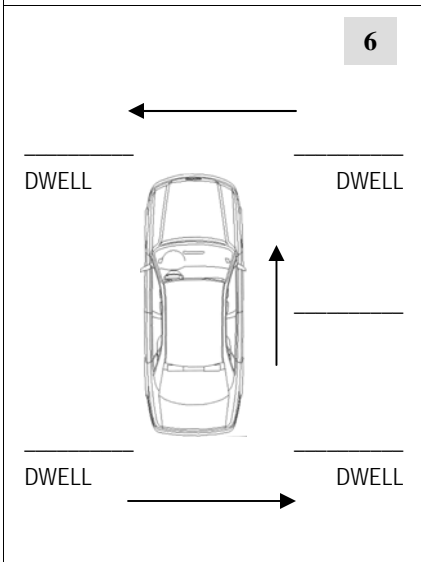
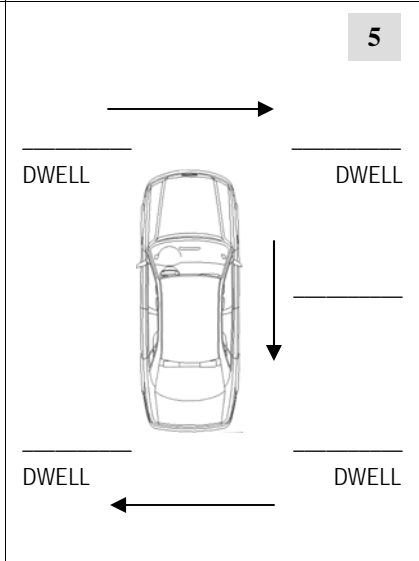
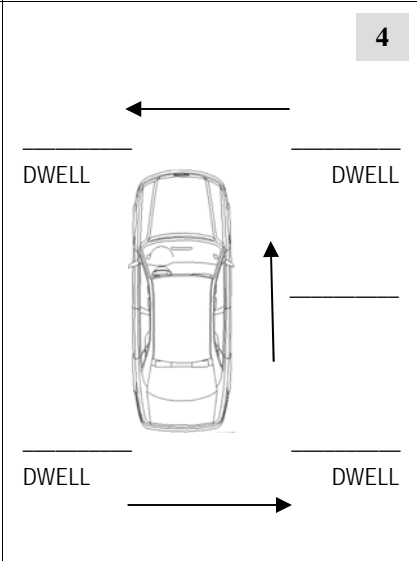
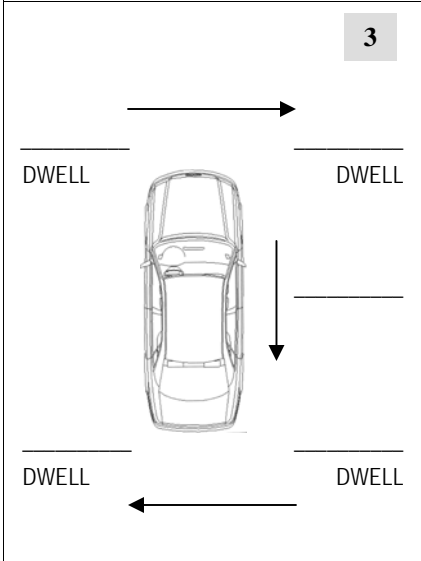
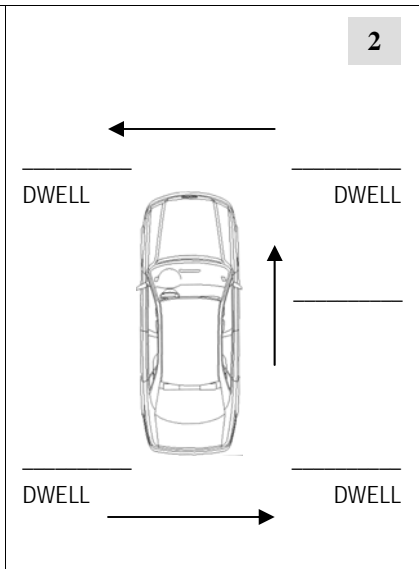
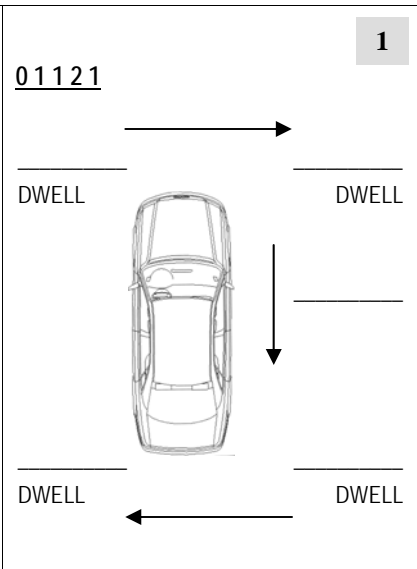
Vend # _____

Date _____

Sequence	File	Function	Dwell	Speed	Inlet
1	0	1	1	2	1
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Sequence	File	Function	Dwell	Speed	Inlet
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60	999	999			

Vend # _____
Date _____





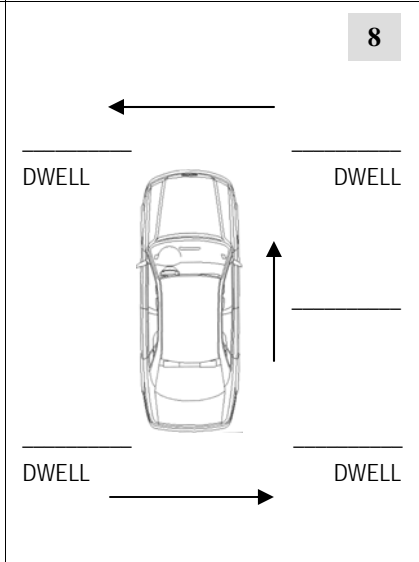
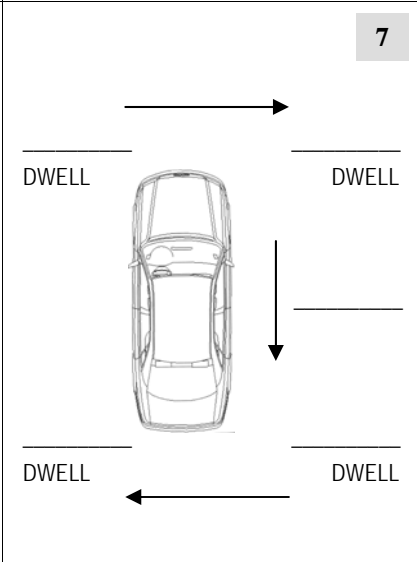
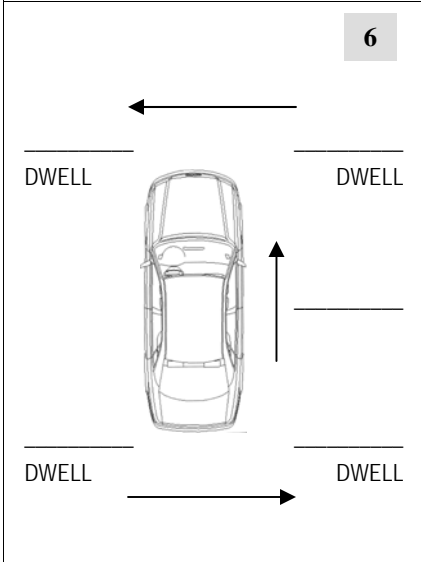
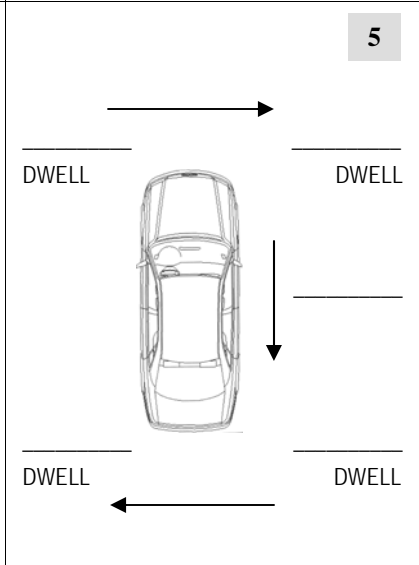
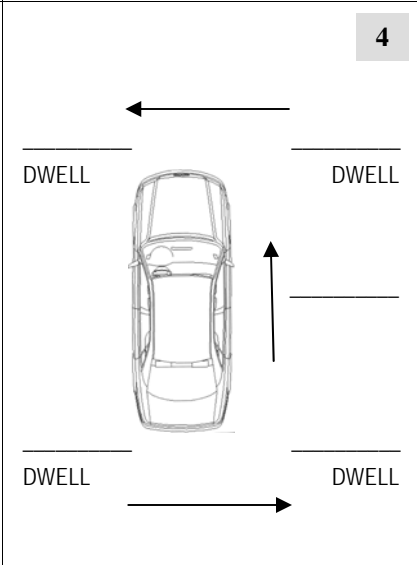
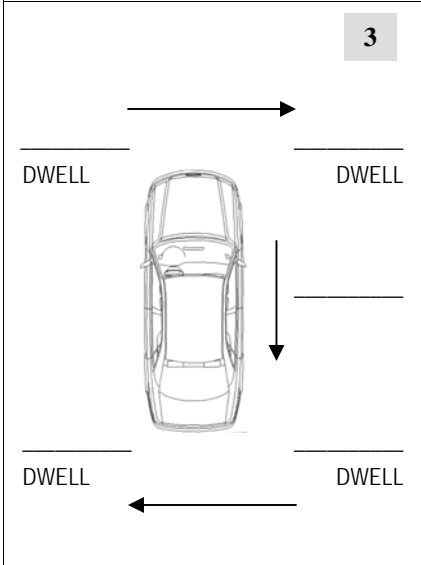
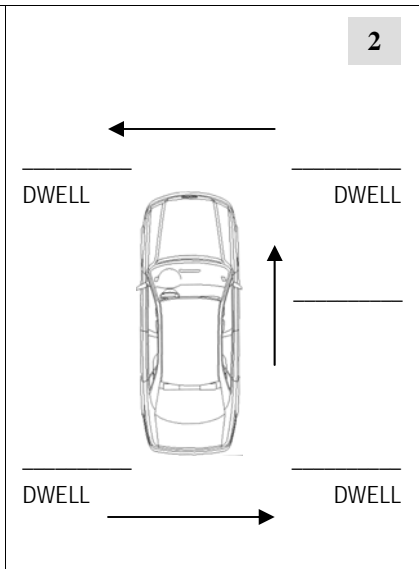
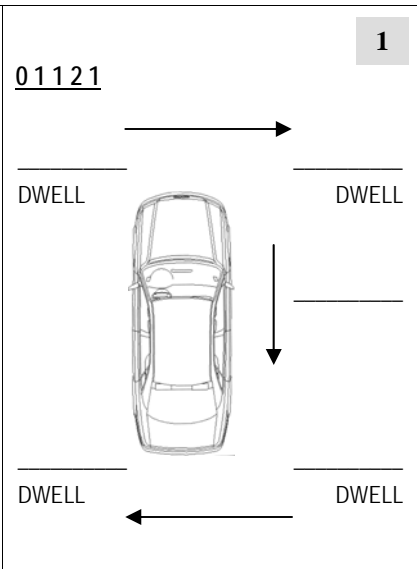
Vend # _____

Date _____

Sequence	File	Function	Dwell	Speed	Inlet
1	0	1	1	2	1
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Sequence	File	Function	Dwell	Speed	Inlet
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60	999	999			

Vend # _____
Date _____





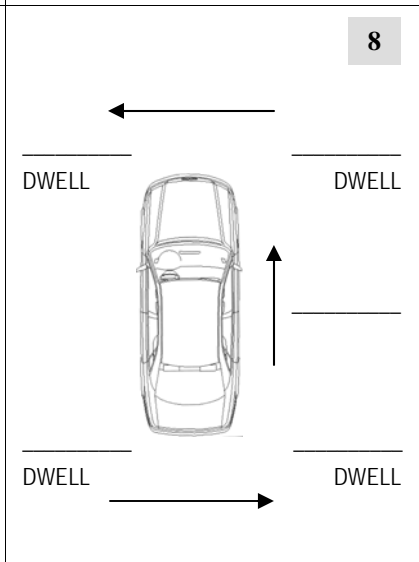
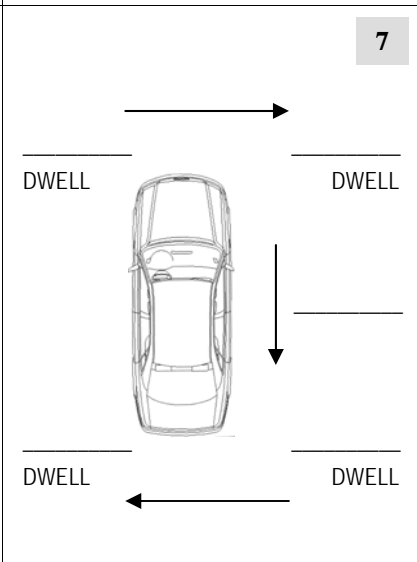
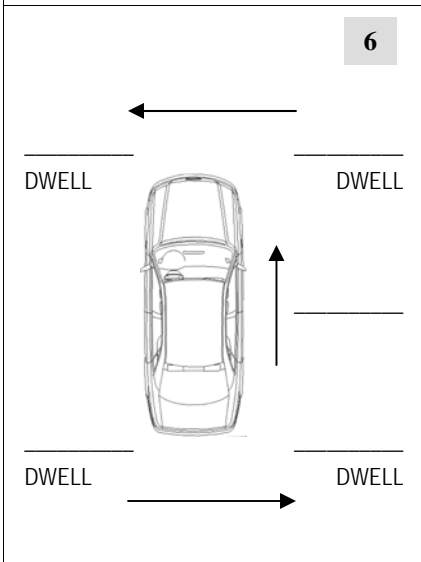
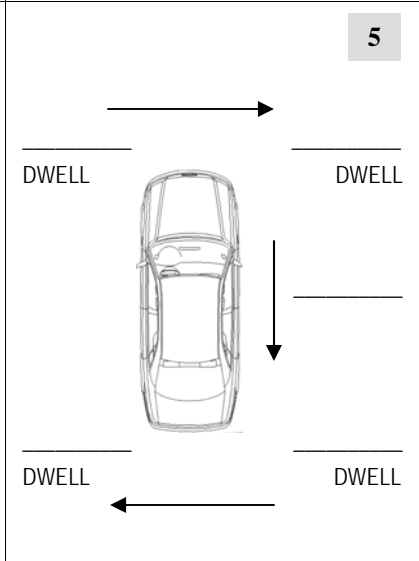
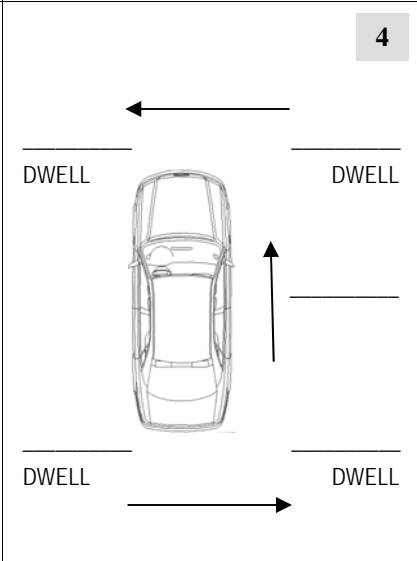
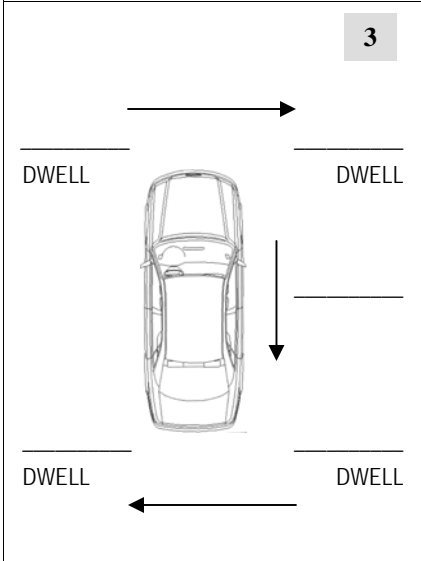
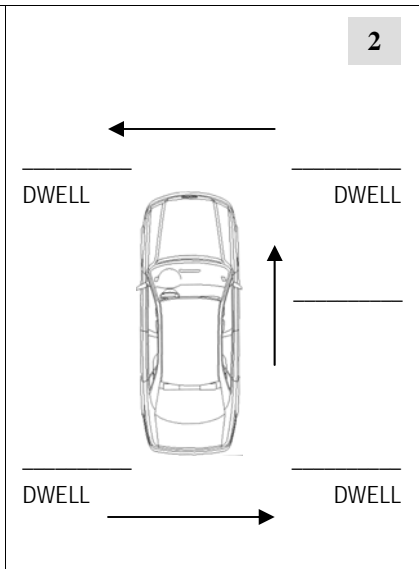
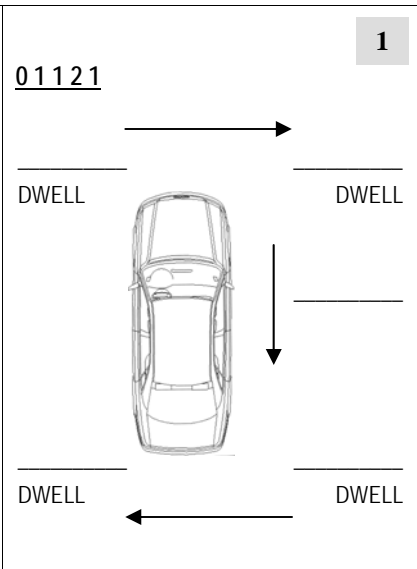
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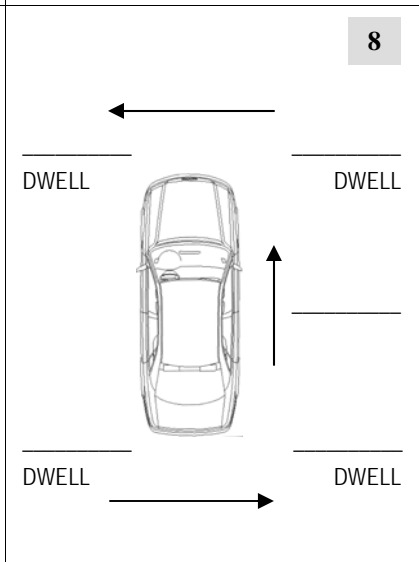
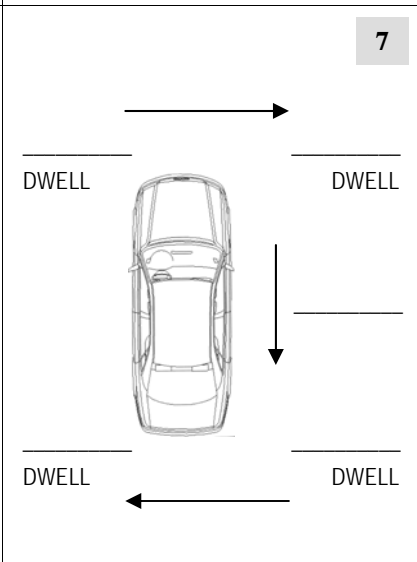
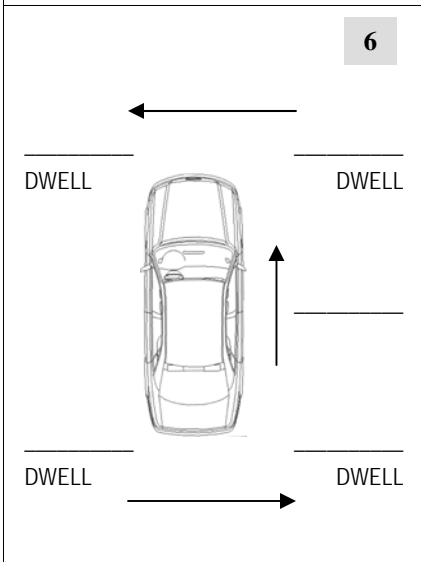
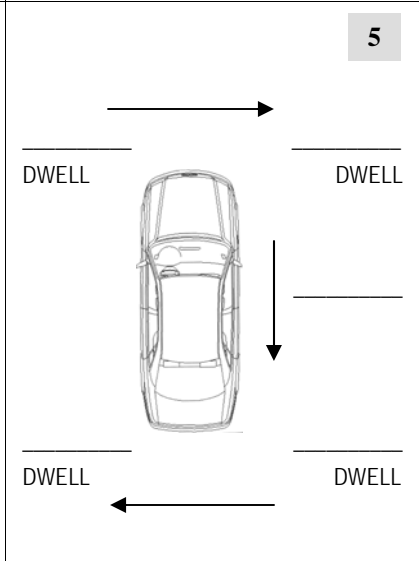
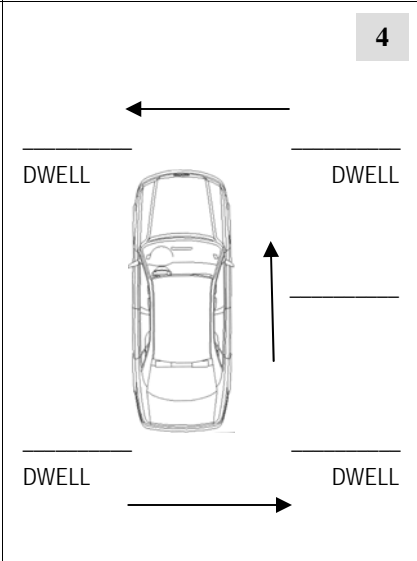
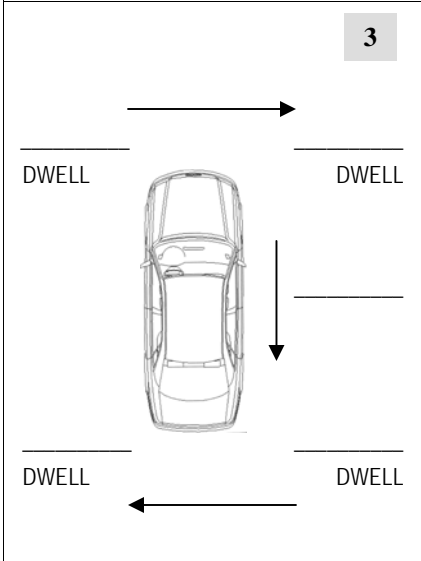
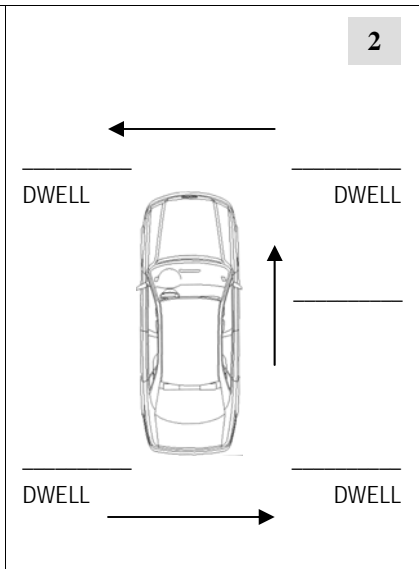
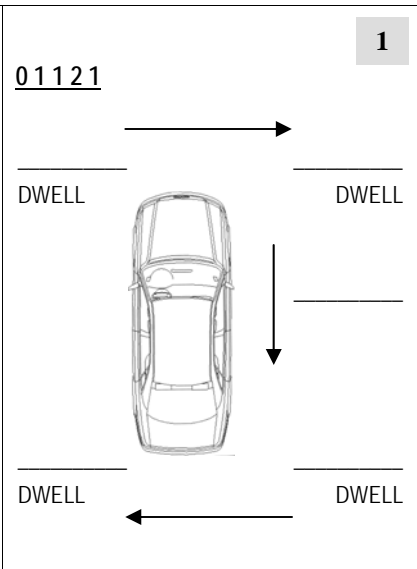
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