	<b>Part Name / Description:</b> <b>1001182 Door Reinforcement Kit,</b> <b>P2 Door Handle</b>	Instruction #: OP100037	Page 1 of 6
	<b>Operation Instruction Title:</b> Installing the 1001182 Reinforcement Kit	Revision Date: 09/05/2018	Revised By: V.Frail
		Revision No. 1	Approved By: S.Ditner

Use this procedure to repair Platinum 2.0 doors where the panel is broken or the inserts have pulled out in the area of the door latch mechanisms. There are two kits available:

- 1001182 Handle Door Lock Reinforcement kit
- 1001183 Upper Door Lock Reinforcement kit


If both kits are required for one door, install the kits at the same time and consult the procedures enclosed.





### 1001182 Door Reinforcement Kit, P2 Door Handle








Part #	Qty	Description
1000449	1	Spindle
1000471	1	Reinforcement plate assembly
1000472	1	Reinforcement plate
1000487	1	Spring pin
B13989	1	Bearing
1001195	3	Socket head stainless steel screw
P3492	20	Aluminum drive rivet
P455	4	½" washer
P6390	3	Machine screw



	<b>Part Name / Description:</b> <b>1001182 Door Reinforcement Kit,</b> <b>P2 Door Handle</b>	Instruction #: OP100037	Page 2 of 6
	<b>Operation Instruction Title:</b> Installing the 1001182 Reinforcement Kit	Revision Date: 09/05/2018	Revised By: V.Frail
		Revision No. 1	Approved By: S.Ditner


Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
<p>Step 1</p> 	<p>Remove the existing door mechanism as follows:</p> <p>A. Remove the B09159 acorn nut and P6435 hex nut from the spindle from the inside of the cabinet.</p> <p>Remove the interior handle.</p> <p>B. Disconnect the connecting rod from the lower door mechanism, by removing the B10069 standoff.</p> <p><b>Note:</b> If the upper latch does not require reinforcement, the connecting rod may be left in place on the upper latch.</p> <p>C. Remove the pivot piece by sliding off the spindle.</p> <p>D. Remove the 4 screws in place through the door latch fixed housing and remove the housing.</p>	<p>Wrenches</p> <p>Wrenches</p> <p>Screwdrivers</p>	<p>Throughout: Safety glasses Gloves where necessary</p>

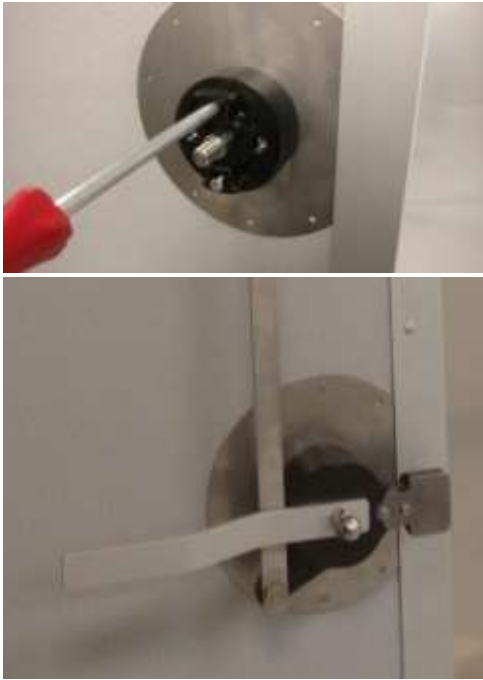

	<b>Part Name / Description:</b> <b>1001182 Door Reinforcement Kit,</b> <b>P2 Door Handle</b>	Instruction #: OP100037	Page 3 of 6
	<b>Operation Instruction Title:</b> Installing the 1001182 Reinforcement Kit	Revision Date: 09/05/2018	Revised By: V.Frail
		Revision No. 1	Approved By: S.Ditner


Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
	<p>E. Remove the door handle and spindle assembly, along with the bearing and escutcheon.</p> <p><b>Note:</b> Store all removed parts for safe-keeping. Most will be reused to reinstall the latch system.</p>		
	<p>F. Remove the spring pin from the door handle and spindle.</p> <p><b>Note:</b> the spring pin and spindle may be discarded.</p>	Punch Hammer Drill, if required	
<p>Step 2</p> 	<p>Clear any broken pieces of FRP from the foam, and remove the existing threaded inserts from the door panel.</p>	Flat screwdriver Pliers	
<p>Step 3</p> 	<p>Remove the silicone between the door panel and the extrusion adjacent to the door latch area, on both the front and rear of the panel.</p>	Knife	


	<b>Part Name / Description:</b> <b>1001182 Door Reinforcement Kit,</b> <b>P2 Door Handle</b>	Instruction #: OP100037	Page 4 of 6
	<b>Operation Instruction Title:</b> Installing the 1001182 Reinforcement Kit	Revision Date: 09/05/2018	Revised By: V.Frail
		Revision No. 1	Approved By: S.Ditner

Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
Step 4	Clean the surface fully with a lint-free rag.		
Step 5 	<p>Apply silicone to the rear side of the 1000471 reinforcement plate (contains the threaded inserts).</p> <p>Tuck the plate into the gap in the extrusion, and adhere over the door latch area, on the rear of the door, taking care to align the holes.</p> <p><b>Note:</b> the side of the reinforcement with the threaded inserts flush should be located away from the FRP.</p> <p><b>Note:</b> the inserts should be in the top and bottom positions, as shown.</p>	Caulking gun	
Step 6	Apply the 100472 reinforcement plate in the same manner to the exterior of the door, ensuring the two plates line up and that the holes for the bolts are aligned.	Caulking gun	
Step 7 	<p>Apply a clamp to the two reinforcement plates to hold in place while the silicone cures. Use a wood block on either side to protect the plates.</p> <p><b>Note:</b> It may take several hours for the silicone to become cured enough to proceed, depending on the room temperature and humidity.</p>	Clamp Wood blocks	

	<b>Part Name / Description:</b> <b>1001182 Door Reinforcement Kit,</b> <b>P2 Door Handle</b>	Instruction #: OP100037	Page 5 of 6
	<b>Operation Instruction Title:</b> Installing the 1001182 Reinforcement Kit	Revision Date: 09/05/2018	Revised By: V.Frail
		Revision No. 1	Approved By: S.Ditner

Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
Step 8	If the upper latch also requires reinforcement, please consult PROCEDURE and complete before re-installing the door latch mechanism.		
Step 9 	Reinstall the door mechanism following the reverse procedure from Step 1, D-F.  <b>Note:</b> a replacement spindle (1000449) and spring pin (1000487) has been provided in the reinforcement kit.  <b>Note:</b> Replacement fasteners (1001195, P6390) have been provided for attaching the fixed housing. P455 washers should be placed between the fixed housing and the door reinforcement plate. <b>**Torque on these fasteners should not exceed 32 in-lbs (3.6 N·m)</b>	Screwdriver Wrenches	
Step 10 	Drill out the FRP layer only in each of the holes around the edge of each reinforcement plate.	Drill DRILL BIT SIZE?	

	<b>Part Name / Description:</b> <u>1001182 Door Reinforcement Kit,</u> <u>P2 Door Handle</u>	Instruction #: OP100037	Page 6 of 6
	<b>Operation Instruction Title:</b> Installing the 1001182 Reinforcement Kit	Revision Date: 09/05/2018	Revised By: V.Frail
		Revision No. 1	Approved By: S.Ditner

Step (picture)	Step (Instructions)	Step (Tools Required)	Step (Safety & PPE)
Step 11 	Insert an aluminum drive rivet into each hole and set in place with a hammer.	Hammer	
Step 12	Complete the installation of the door latch system by completing Step 1, A-C in reverse order.		
Step 13	Ensure the door latch is working smoothly.		