

**Checklist 02: UltraMAX start-up checklist**

Activities must be done in the sequence shown, and must be checked off as completed. Use this checklist in conjunction with the operating manual for the UltraMAX unit. This sequence follows on from checklist 01 – pre-start checklist.

ACTIVITY NO.	ACTIVITY	TICK WHEN COMPLETED
Priority	Put on Respirator as specified for spray painting, Protective Clothing, Eye Protection, and PVC Gloves	
1	With nozzle and mixer removed lock the Gun trigger in the Open position over an open container.	
2	Open recirculation valve on Catalyst Manifold	
	Remove the Pivot Pin from the Slave Arm.	
	Manually pump the catalyst pump with the slave arm drive, observe catalyst returning to the catalyst jug.	
	Close recirculation valve on Catalyst Manifold.	
3	Again manually pump the catalyst pump with the slave arm drive, observe for catalyst exiting the mix chamber on the gun. Leave the pivot pin out.	
	Open the ball valve below the surge chamber. Make sure the resin return hose is in the resin container or another open container.	
4	Using the regulator on the manifold, slowly turn up the pump air pressure until the pump moves slowly and evenly.	
	Slowly turn up the air to the pump until an air free stream of resin exits the resin return hose. Then turn the pump air down to zero again.	
5	Close the ball valve below the surge chamber.	
6	Again turn up the air to the resin pump until an air free stream of resin exits the mix chamber on the gun.	
7	Turn the air to the pump down to zero.	
8	Disengage the gun trigger, leave it in the CLOSED position.	
9	Flush the mix chamber on the gun with acetone	
10	Slowly turn up the pump pressure to 50 psi.	
11	Hand prime the catalyst pump with the slave arm drive until the pressure rises on the catalyst pump pressure gauge.	
12	Replace the Pivot Pin in the catalyst slide drive, lock it in.	
13	Adjust the catalyst percentage as required.	
14	Insert the Distribution Ring into the Mix Chamber locating rim.	
15	Place mix housing Seal into the Mix Chamber locating rim.	
16	Insert the Catalyst Injector and injector seal into the aperture in the Distribution Ring. The spring goes into the gun block.	
17	Place Mix Chamber and Catalyst Injector onto the front of the ProGun, secure it with 2 screws.	
18	Flush the Assembled mix chamber with solvent.	

**ABNORMAL CONDITIONS OBSERVED AND CORRECTED**

Abnormal Condition	✓ when corrected

OPERATORS NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

SIGN OFF WHEN PRE-START CHECKS ARE COMPLETED : \_\_\_\_\_