FORCE America 5100ex Direct Liquid Calibration

To access Calibration
1. From STNBY Press **Menu** > **More** > **Calibration**
2. Enter your Access Code or insert the FORCE America Supervisor USB Drive

Direct Min/Max
1. Fill sprayer about half full of water. Make sure only Center Lane is On.
2. In Calibration, press **More** > **Direct** > **Min DC** > Green knob to start
3. Use the **+ / -** icons to adjust flow until it stops > Press the Green knob > **Ok**
4. Press **Max DC** > Green knob to start
5. Use the **+ /** - icons to adjust the until the flow will not go any higher, press Green knob to stop > **Ok**

Direct Materials
1. Adjust nozzles on Center spray bar to point into Qty. 5, 5-gallon buckets
2. In Calibration, press **Direct Mats** > **Anti-Ice** > **AutoCal** > **Continue**
3. Adjust Green knob to 40%, press the Green knob to start
4. Run until buckets are full to the 5-gallon mark on each, equaling 25 gallons > press Green knob to stop > **Next**
5. Enter 25 using arrows > **Ok**
6. Press **Next** > **Done** > continue to press **Back** This will bring you to STNBY
   Direct Material (Anti-Ice) is now calibrated, now do a **Sim Speed** *test.*

Sim Speed
1. From STNBY press **Menu** > **Sim Speed** > **On/Off** > toggle arrow to On > **Ok**
2. Press **Speed** > use arrows to set it to 30 MPH > **Ok** > **Back** > **Back**
3. This will bring you to STNBY
4. Turn the Green knob to adjust the GAL/MI to 25.
5. Place 5 empty 5-gallon buckets back under spray bar.
6. Press the Green knob and run sprayer for exactly 2 minutes.
7. Press the Green knob at 2 minutes to stop the sprayer.
8. All 5 buckets should be full to the 5-gallon mark.
9. To turn off the **Sim Speed**, press **Menu** > **Sim Speed** > **On/Off** > toggle arrow to Off > **Ok** > continue to press **Back** This will bring you to STNBY

Speed
1. In Calibration, press **Speed** > **Cal By Distance** > **Continue**
2. Now you will need to drive 1 Mile, that can be a marked mile or using Trip OD
3. When ready press Green knob to start > Drive exactly 1 Mile > Green Knob to Stop
4. **Next** > this will show Pulses/Mile and Actual, check for accuracy > **Done**
5. Continue to press **Back**, this will bring you to STNBY

Do Not turn the Truck off unless the controller is back to the STNBY screen to save changes made while in Calibration.