

SB, Blade depth calibration, FS 5000 D, FS 7000 D, FS 7000 DL, FS 7000 DMT, 2017-02

SYMPTOM/DESCRIPTION

From HMI (control panel) firmware revision S, it is possible to calibrate the blade depth. Blade depth calibration is necessary for FS 7000 DL and FS 7000 DMT when replacing the HMI or the blade depth sensor.

For FS 5000 D and FS 7000 D the blade depth calibration will improve the precision of the depth control, but is not necessary.

The HMI can be updated with the latest firmware with help from Common Service Tool (CST). Contact a Husqvarna Construction Products service point.

AFFECTED UNITS

The HMI firmware revision S including the blade depth calibration menu is implemented from the following serial numbers:

FS 7000 DL:	#001357168001 (from start of production in 2017)
FS 7000 DMT:	#001363007001 (from start of production in 2017)

CORRECTIVE ACTION

When a new HMI has been assembled on a machine, always go through the following steps in the HMI:

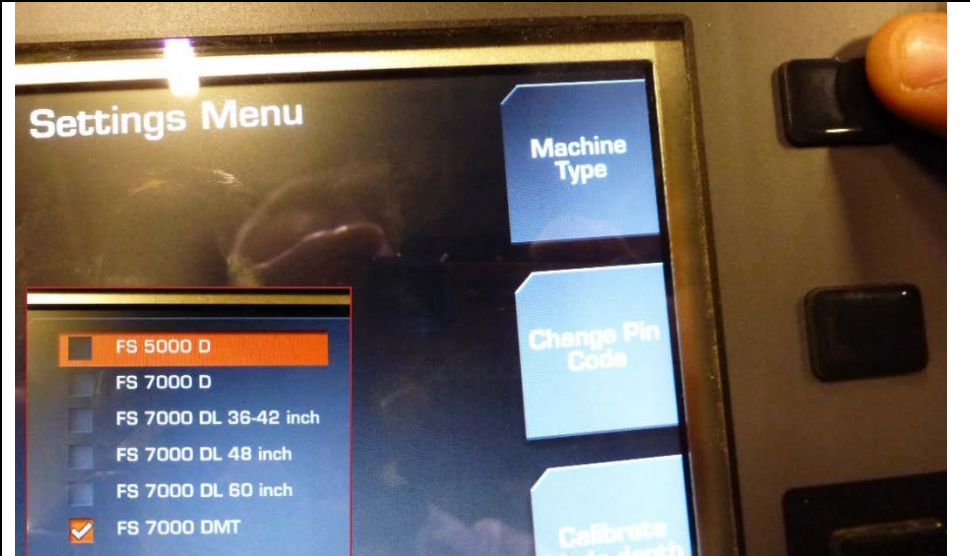
1. Select the correct machine model.
2. Update to the latest available firmware. See Appendix B to find the current firmware revision installed. (The HMI might not be delivered with the latest available firmware).
3. Calibrate the blade depth. See appendix A.

WARRANTY INFORMATION

The normal warranty policy applies.

Appendix A: Blade depth calibration instruction

Blade depth calibration is possible from HMI firmware revision S. See Appendix B for how to check firmware revision.

Step 1 Enter the service menu by holding down the two buttons (see picture) simultaneously for a while and then enter pin "1111".	
Step 2 Set the correct machine type.	

Step 3

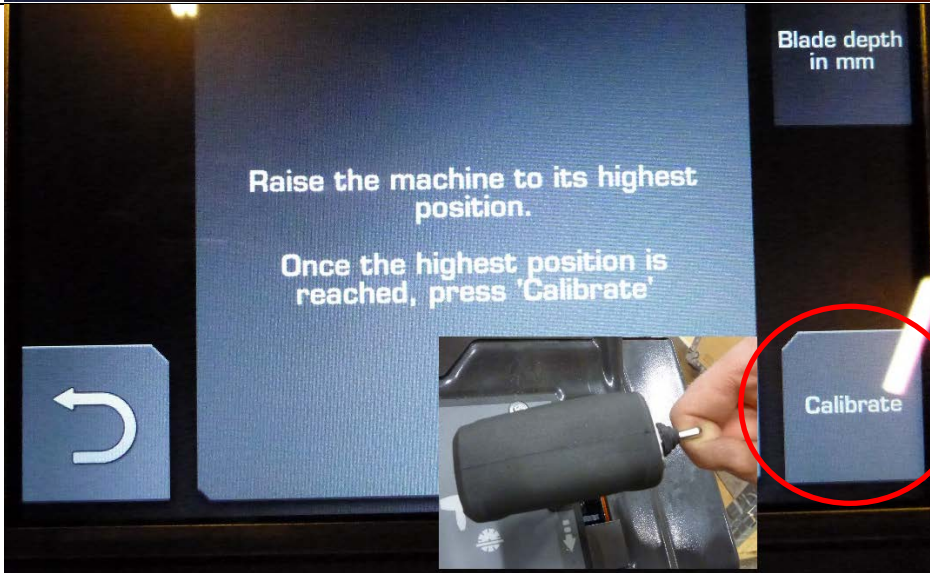
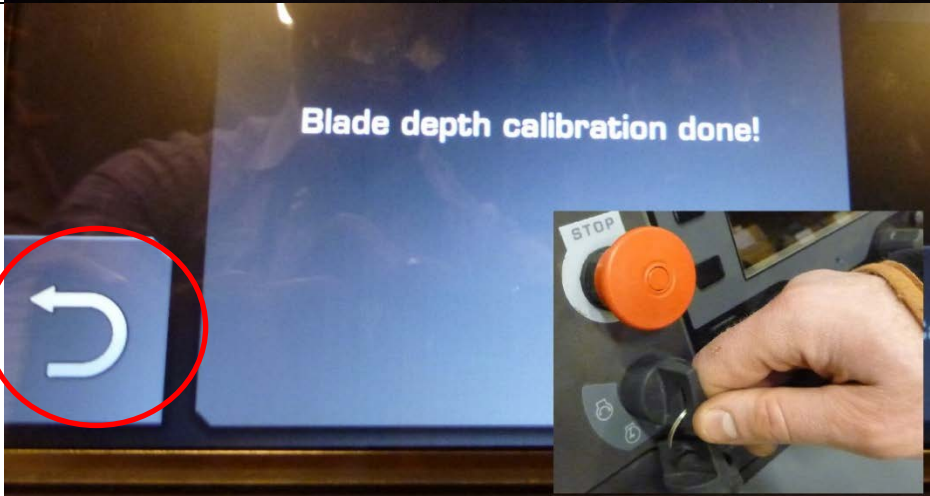
Turn off the ignition switch when prompted by the display and then turn it on again.



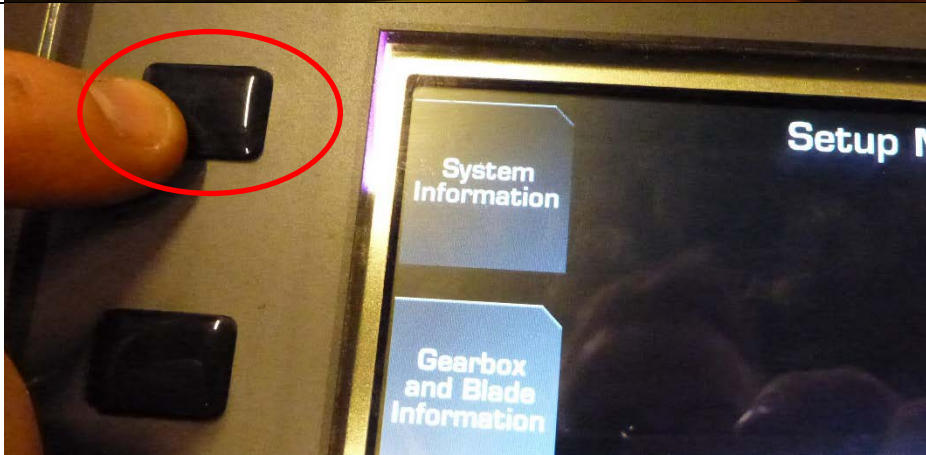
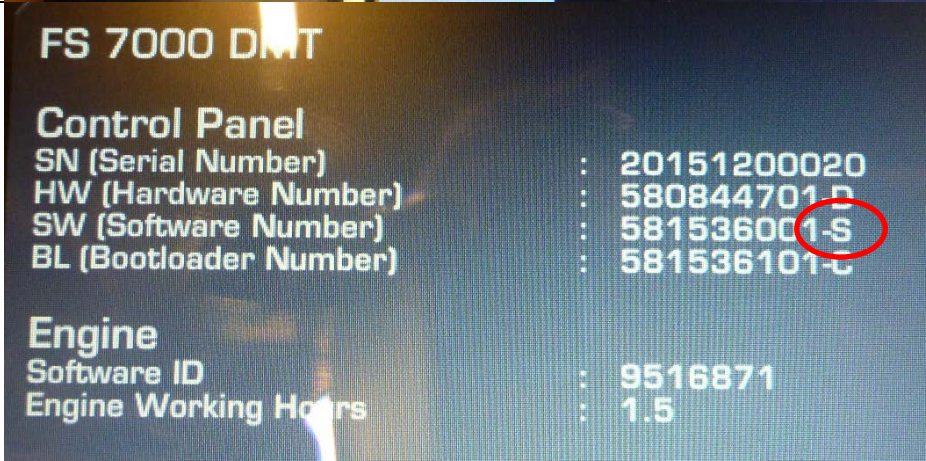
Step 4

Enter the service menu again by holding down the two buttons (see picture) for a while and then enter pin "1111".



Step 5 Select "Calibrate blade depth".	
Step 6 Raise the blade to its highest position and then select "Calibrate".	
Step 7 When the blade depth calibration is done, select "Return". Then turn the ignition switch off and then on again. The blade depth calibration is done!	

Appendix B: Instruction for how to check HMI firmware revision.

Step 1 Press the menu button two times to get to menu 2.	
Step 2 Select "System Information".	
Step 3 Check the firmware (software) revision letter.	 FS 7000 DMT Control Panel SN (Serial Number) : 20151200020 HW (Hardware Number) : 580844701-D SW (Software Number) : 581536001-S BL (Bootloader Number) : 581536101-C Engine Software ID : 9516871 Engine Working Hours : 1.5