



MANDATORY UPDATE INFORMATION

Date: 6/20/18
To: MQ Whiteman STX6H Ride-On Trowel Owners
From: Multiquip Product Department
Subject: Software Update — **Mandatory Update**



Dear Multiquip Customer,

Our records indicate that you recently purchased one or more STX6H Ride-On Trowel(s) requiring a software update. Multiquip is alerting owners of an update required that will ensure the machines continue to operate at peak performance levels.

Failure to perform this update may result in poor performance of the machine.

The accompanying bulletin explains required actions to update the software.

If this trowel has been resold, please forward this bulletin to the new owner.

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Service Bulletin

STX6H Software Update

| Product Group: | Date Issued: | Expiration Date: | Service Bulletin No. |
|---|---------------------|--|-----------------------------|
| Ride-On Trowels | 6/20/18 | 6/20/19 | TR20180605 |
| Bulletin Type <input checked="" type="checkbox"/> Mandatory <input type="checkbox"/> Information Only <input type="checkbox"/> Recommended Change | | Models/Series Affected: STX6H BELOW S/N ME2003872 | |

| Details |
|---|
| Problem: New software update needed. |
| Solution: Install new software version 103. |

| Required Tools |
|--|
| <ul style="list-style-type: none">■ Laptop■ Trowel Application File Package (for STX6H only)■ Two 7/16 combination wrenches (to adjust blade speed)■ Strobe Light or Laser Photo Tach (for blade speed test)■ CAN Gateway Cable/Canbus Jumper, P/N 22882/22881■ Gauge Tool (3.25"), P/N 32044■ Gauge Tool (2.25"), P/N 32000■ Set Up Jumper, P/N 42538■ Service Tool (3 to 9 pin), P/N 42948 |

WORK SAFELY!

Only a qualified service technician with proper training should perform this procedure. Follow all shop safety rules while performing this procedure.

PREPARATION

1. Place the trowel in an area free of dirt and debris, and make sure it is on secure level ground.

TROWEL SAFETY

CAUTION

- NEVER lubricate components or attempt service on a running machine.

ENGINE SAFETY

WARNING

- NEVER place hands or fingers inside the engine compartment while the engine is running.

CAUTION

- NEVER touch the **hot** exhaust manifold, muffler, or cylinder. Allow these parts to cool before servicing the equipment.



DOWNLOADING OF APPLICATION FILE PACKAGE

NOTICE

Make sure that the Sauer Danfoss Plus +1 Software is already installed before proceeding with the Application File Package download.

If you do not have it installed, go to:

<http://service.multiquip.com/6h-wst.html>

Follow the instructions in the video "Whiteman Service Tool Installation Guide".

1. Go to the Multiquip Service Website via your laptop and select Whiteman Service Tool (WST) under the Documentation tab. Under "Pick a model:", click on "HTX6H & STX6H". See link below:

<http://service.multiquip.com/6h-wst.htm/>

If you need assistance, contact Multiquip Technical Support or Field Service.

2. Scroll down to "Trowel Application file packages" and click on "For STX6H Only" to download the STX6H application file package (zip).
3. Extract the three files from the downloaded zip file and save them to your desktop.
4. Confirm that you have the following files.
 - a. 42645RevE.P1D — Whiteman Service Tool (WST)
 - b. 42642103.lhx — latest software
 - c. 42644103.p1t — parameter file set

CONNECTING LAPTOP

1. Using an 8 mm socket, remove and set aside the 15 screws securing the foot platform to the frame of the STX6H (Figure 1).

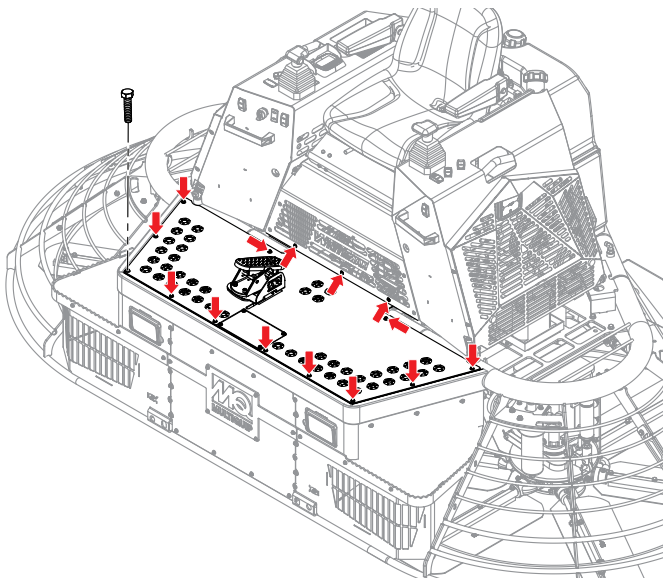


Figure 1. Foot Platform Removal

2. Remove the foot platform.
3. Connect the laptop to the STX6H service port under the seat, using the procedure in the LAPTOP CONFIGURATION section of *HTX6H/ STX6H Setup, Adjustments and Calibrations* document found on the Multiquip Service Website. See link below:

http://service.multiquip.com/pdfs/HTX6H-STX6H_Setup-Adjust-Cal_Manual_rev_1.pdf

UPDATING THE SOFTWARE AND PARAMETERS

1. Update your software and parameters to the latest version by following the procedure in the video "How to Update a Whiteman Ride-on Power Trowel's MCU Software and Parameters." found in the Multiquip Service Website. Scroll down to the videos shown at:

<http://service.multiquip.com/6h-wst.html>

2. You can also use the *HTX6H/ STX6H Setup, Adjustments and Calibrations* on the Multiquip Service Website for reference:

RECALIBRATION

NOTICE

Recalibration of the sensors (foot pedal, pitch and stroke cylinder) is required after the parameter file is installed then clear all the machine fault history.

1. To recalibrate the foot pedal, pitch, and stroke cylinder, perform the procedures outlined in to the *HTX6H/ STX6H Setup, Adjustments and Calibrations* document on the Multiquip Service Website.

SETTING BLADE SPEED

1. Set the blade speed to 127-130 rpm (verifying left and right rotor rpms are within 1 rpm of each other). Refer to *HTX6H/ STX6H Setup, Adjustments and Calibrations* document for Left Side and Right Side Trowel Speed Adjustment procedure.

NOTICE

Make sure you set the left side blade speed first (left side is defined by the operator's left side in the seat) then bringing the right side in to matching speed.

2. After adjusting speed, perform stroke cylinder recalibration procedure again.
3. Recheck blade speed. If blade speed is not 127-130 rpm, readjust and perform stroke cylinder recalibration procedure again.
4. Repeat previous step until blade speed needs no further readjustment.
5. Reinstall foot platform and tighten all 15 screws to secure.

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| Description: | <input type="text"/> |
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| Quantity: | <input type="text"/> |
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