



# INSTRUCTION BULLETIN

No. 9005111  
Machine: M20/T20  
Published: 09-2008  
Rev. 00

**NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in the machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save the cost of ordering an entire kit.**

*NOTE: Numbers in parenthesis ( ) are reference numbers for parts listed in Bill of Materials.*

Installation instructions for **kit number 9005165**

## SYNOPSIS:

This kit contains the parts needed to replace solution tank latches on M20 / T20 machines. Please follow step-by-step instructions.

**SPECIAL TOOLS / CONSIDERATIONS:** Pop Rivet Gun  
(Estimated time to complete: 10-20 minutes)

## PREPARATION:

1. Park the machine on a clean level surface, turn off the machine, remove the key, and set the parking brake.

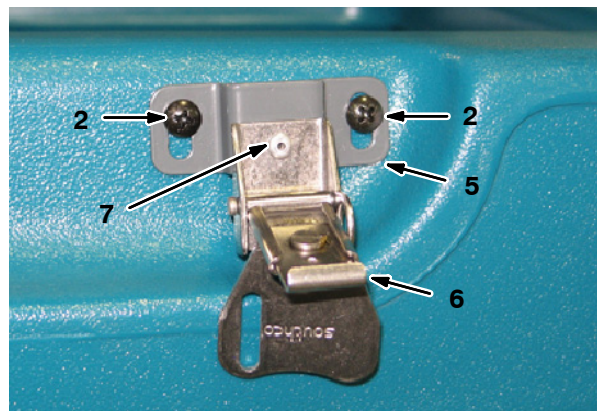
**FOR SAFETY: Before leaving or servicing machine, stop on level surface, turn off machine, and remove key.**

## INSTALLATION:

1. Remove the existing tank latch assembly from the solution tank and solution tank covers. Discard all removed latch assembly components and hardware.

*NOTE: If the existing latch mounting plate on the solution tank cover is the same as the new latch mounting plate (1) included in this kit, either install the new latch mounting plate and remove / discard the existing latch mounting plate, or leave the existing latch mounting plate and discard the new latch mounting plate (1). Refer to Fig. 2.*

2. Use two aluminum blind rivet (7) to install the latch (6) onto the latch mounting bracket (5). Refer to Fig. 1.



**FIG. 1**

3. Use two plastic screws (2) to install the items assembled in the previous two steps onto the solution tank. Refer to Fig. 1.

- Use two plastic screws (2) to install the latch mounting plate (1) onto the solution tank cover if the latch mounting plate was removed in Step 1. Refer to Fig. 2.

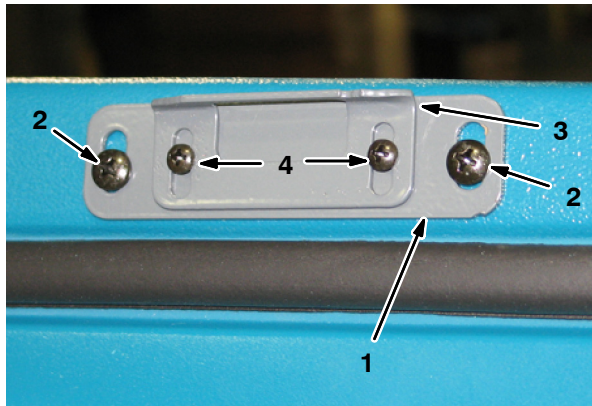


FIG. 2

- Use two pan screws (4) to install the tank cover latch catch (3) onto the latch mounting plate (1) and solution tank cover. Refer to Fig. 2.

*NOTE: If there are no existing holes to secure the latch mounting plate (1) to the solution tank cover, drill an additional hole through each of the elongated holes in the latch mounting plate and the lip of the the solution tank cover. **DO NOT** drill completely through the top of the cover.*

- Close the solution tank cover and use the newly installed solution cover latch to secure the cover shut. Refer to Fig. 3.
- If necessary, loosen the two pan screws (4) to adjust the position of the tank cover latch catch (3) on the solution tank cover or the plastic screws (2) to adjust the position of the latch mounting bracket (5) on the solution tank if the latch does not adequately secure the cover into place, or if the cover is difficult to secure. Refer to Fig. 1 and Fig. 2.



FIG. 3

**Bill of Materials for Latch Kit, Cover, Soltn, Replmt [M20/T20] - 9005165**

| Ref. | Tennant Part No. | Description                                   | Qty. |
|------|------------------|---|------|
| ▽    | 9005165          | Latch Kit, Cover, Soltn, Replmt [M20/T20]     | 1    |
| ▲    | 1                | 1039757 Plate, Mtg, Latch                     | 1    |
| ▲    | 2                | 382320 Screw, Pan, Phl, 12-16 X 0.50, F/Plstc | 4    |
| ▲    | 3                | 1048474 Catch, Latch, Tank Cover              | 1    |
| ▲    | 4                | 222267 Screw, Pan, Phl, 12-20 X 0.50, Fmg/AB  | 2    |
| ▲    | 5                | 1048512 Bracket, Mtg, Latch, Tank Cover       | 1    |
| ▲    | 6                | 367949 Latch                                  | 1    |
| ▲    | 7                | 08875 Rivet, Blind, .125D X 0.54 X .25D, Alm  | 2    |

TENNANT COMPANY  
P. O. Box 1452  
Minneapolis, MN 55440-1452