

# Service Bulletin

## Maintenance of Way Equipment

**Date:** 05/27/2021

**RRP Service Bulletin No:** RRP SB367

**Title:** Turntable Rework

**Rating:**



**ALERT**  
(Potential Problem)



**INFORMATION**  
(Action Is Optional)



**DIRECTIVE**  
(Action Is Required)



**PRODUCT IMPROVEMENT**  
(Enhance Product)

**Product Series:** Advanced Tie Plate Inserter

**Serial No:**

ATPI-036	933588	CP	5014-21
APTI-037	933588	CP	5014-22
ATPI-038	933588	CP	5014-23
APTI-032	933588	CP	7014-14
ATPI-035	933588	CP	5014-20

ATPI-009	935574	CN	438-61
ATPI-010	935574	CN	438-62
ATPI-019	935588	CN-W	438-65
ATPI-020	935588	CN-W	438-66
ATPI-021	945588	CN-S	438-63
ATPI-022	945588	CN-S	438-64
ATPI-030	935588	CN-W	438-67
ATPI-031	935588	CN-W	438-68

**Summary:** The turntable is off-centered with the machine center of gravity and can cause machine imbalance when raising the machine.

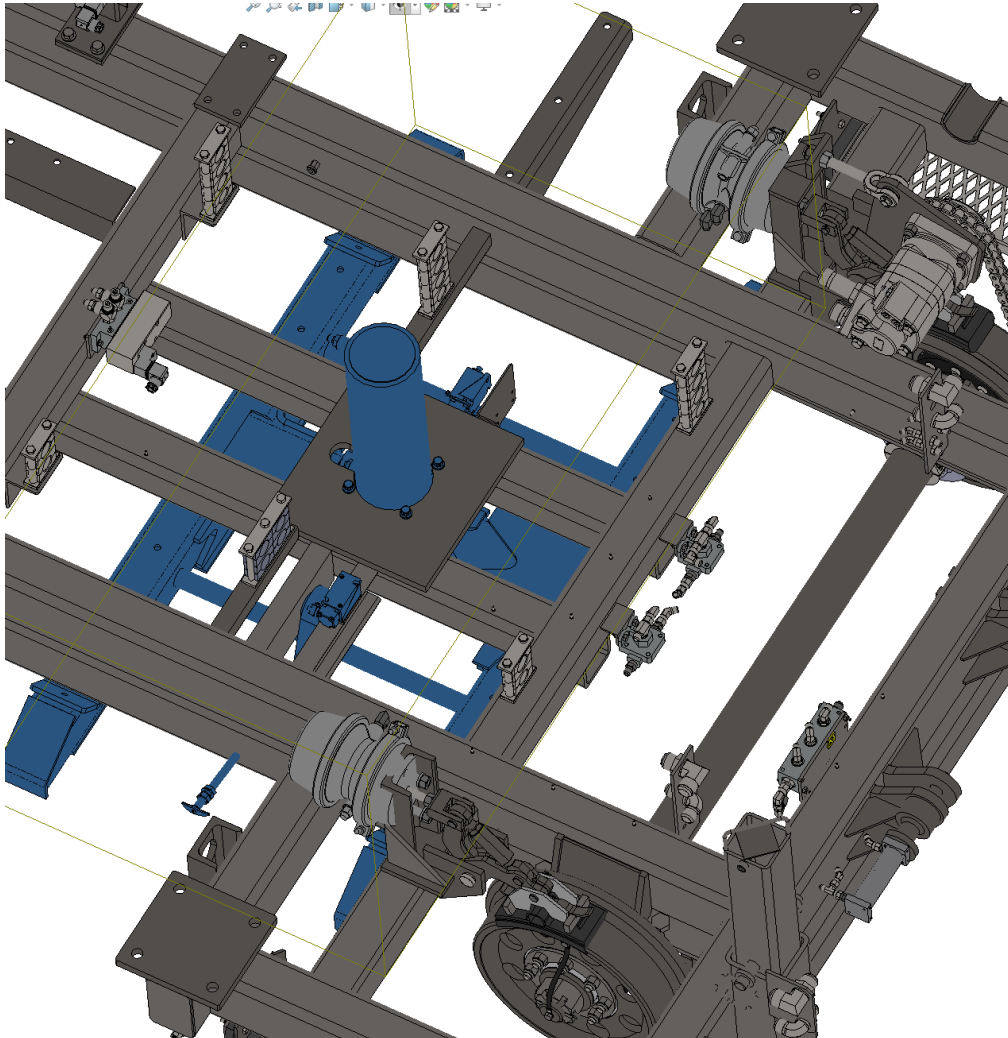
**Resolution:** Machine rework to reposition the turntable to the proper center of gravity location should be done at the RRP factory in Mt. Pleasant, Wisconsin.

**Action:** *Turntable use is not recommended until correction is applied. However, the turntable can be used a minimum height if necessary.*

Continue with normal machine operation after turntable has been reworked.

1. Weigh machine at axles to determine the axle weights (front and rear) to determine the machine center of gravity (CG).

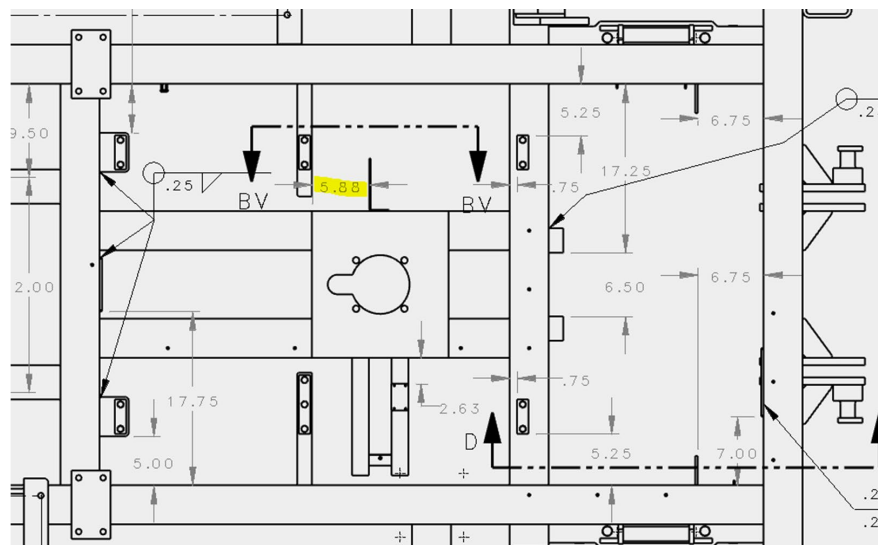
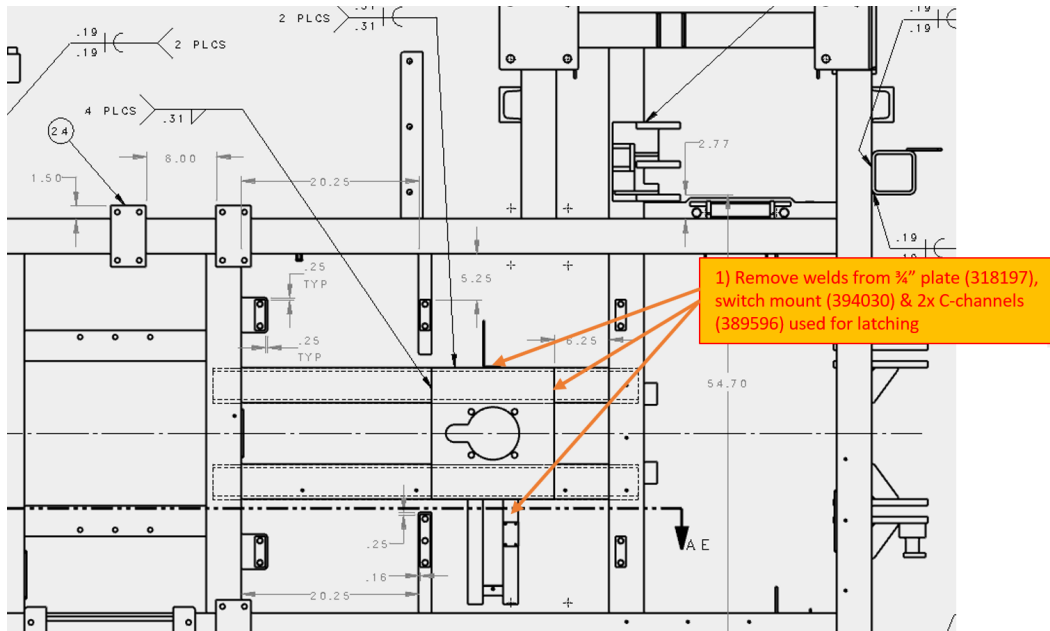
2. *Verify the correct CG with engineering.*
3. Remove the counterweight from the rear tube if present.
4. Dis-assemble the turntable and cylinder from the machine frame.



5. Remove related limit switches and hooks.
6. Cut off limit switch bracket and hook brackets.

7. Remove welds from 3/4" plate (RRP# 318197), switch mount (RRP# 394030), and 2 x C-channels (RRP# 389596) used for latching.

**Note:** Removing the weld may cause damage to existing machine plate, latches, switch mount, and C-channels.



8. Cut off main turntable pad

-Reinstall turntable pad to the new specified dimension by welding.

-Reinstall limit switch brackets and hook brackets to new dimension by welding. New brackets may be necessary depending on their condition after removal.

