



SERVICE INFO
LETTER

BY: TRR

CHKD: TRR

REABE DESIGN LLC

2552 Coreland Ct, DePere, WI 54115

TITLE: **7.5" GATE CONVERSION**

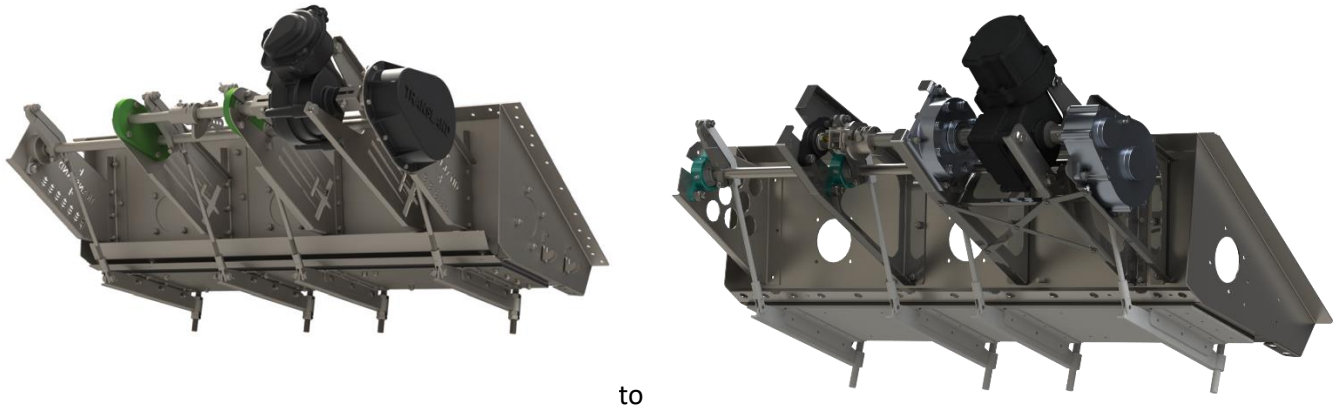
SUBTITLE: INSTRUCTION MODIFICATIONS

NUMBER: **GATE 03**

DATE: 05/08/2024

REV: 1

PAGE: 1 OF 2



Subject

Conversion of Transland 7.5" Electric gate to 7.5" Reabe Smart Gate

Issue

The 7.5" Reabe Smart Gate was designed to mount onto Transland 7-1/2" Manual Gate Assembly DWG: 28772 REV AE

The Transland Electric, Hydraulic, and Manual 7-1/2" gates have had changes that require modifications to enable the mounting of the 7.5" Reabe Smart gate to it.

Summary

This info is to be used in conjunction with the Gate install instructions DOC # 8-II (on ReabeAir.com)

In Step A.b.4 you will also need to remove the Gate Quick Attach Guide and Transland Motor Support Bracket highlighted in Figure 1.



Figure 1

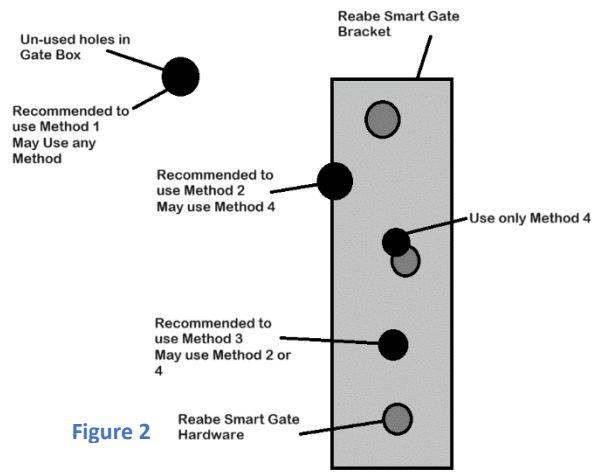


Figure 2



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After Step C.b.3 (drilling Holes) you need to mark the locations that the Reabe Smart Gate hardware and brackets sit on the back side of the gate box. Any holes not used by the Reabe Smart Gate will need to be plugged and sealed.

Method 1 Holes that are not under the Reabe Smart Gate brackets can be plugged and sealed using appropriately sized stainless-steel fasteners and PRC Desoto 1420 or equivalent hopper sealant.

Method 2 Holes that are under the Reabe Smart Gate Brackets can be plugged and sealed using appropriately sized stainless-steel counter sunk fasteners and PRC Desoto 1420 or equivalent hopper sealant.

Method 3 Holes that are completely under Reabe Smart Gate Brackets can be sealed using PRC Desoto 1420 or equivalent hopper sealant and the bracket acting as the cover plate.

Method 4 Holes that would intersect with Reabe Smart Gate mounting hardware holes will need to be welded closed or a cover/patch added to the inside of the gate box using procedures from AC43.13-1B

In Step C.b.5 the Left Outboard Torque Tube Support will need to have (2) new 7/16" holes drilled in it to mount the left side torque tube bearing, once the Reabe Smart Gate assembly is mounted to the back side of the gate box, rotate the left side torque tube bearing to find a location where the (2) new holes will not interfere with an existing cutout. Alternately you can order an original Left Outboard Torque Tube Support (Transland PN 18669)



In Step C.b.6 you will need to change the (4) Gate Tie Rods (Transland PN 48746) to the original shorter length rods. This can be done by ordering the shorter length rods from Transland or extending the Right Hand 3/8-24 Threads on the longer rods and then Cutting the longer rods to length. All Threaded areas of rods are 1.7" long and the Shorter Rod is 8-3/8" long and the longer rod is 9-7/8" long.



Once the Gate Tie Rods are Re-Installed the Gate Quick Attach Guide can be reinstalled. The Gate Quick Attach Guide will need to have clearance slots cut into it for the Reabe Smart Gate Brackets and the Gate Tie Rods.

