

SERVICE BULLETIN #278

Replacement/upgrade for motor mount bracket on Turbo-Seal® Insulated Gen2 doors

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Date: 08/01/18

Status: Active

IMPORTANT: Read this entire bulletin before proceeding.

Questions? Call Rytec Customer Support at 1-800-628-1909.

Summary

Operating conditions can loosen or damage the motor mount bracket of Turbo-Seal Insulated Gen2 doors. If this happens, you will hear an unusual amount of noise, or see the motor visibly shake or move, when the door is activated.

This bulletin explains how to:

1. Inspect the motor mount bracket and determine if it is loose or damaged.
2. Upgrade the hardware for a loose bracket or replace a damaged bracket.

Products affected

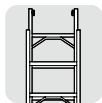
Turbo-Seal Insulated Gen2 doors with ABM motors

Parts that you need

- For upgrade: kit **#H1170854-0B**
- For replacement: kit **#H1170854-0A**

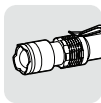
Tools that you need

For inspection:



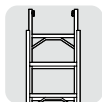
Ladder

Tall enough to safely access door head assembly



Flashlight

For upgrade/
replacement:



Ladder

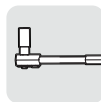
Tall enough to safely access door head assembly



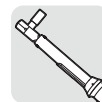
13/32"



Thread
sealant



15mm
(2) x 9/16"



Torque
9/16" and 15mm
Min. capacity
85 ft-lbs/115Nm

Icon Key



Door fully
closed



Lockout/
tagout



Use ladder



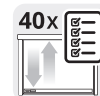
Discard



Apply thread
sealant



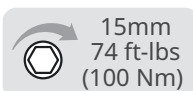
Hand tight



Test door



Tool type
and size



Tool type, size and torque

How to inspect the motor mount bracket

1



WARNING: Do not inspect the motor mount bracket until the power disconnect is in the OFF position and lockout/tagout is complete.

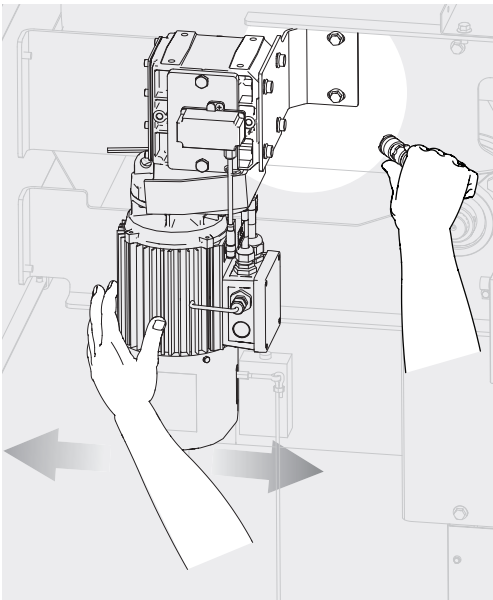
The motor, when receiving power, can move unexpectedly, which can result in serious injury or death.



2



3



4

If any of these conditions exist, the bracket is loose.

- Motor is out of true to bracket
- Bracket is out of true to side plate
- Bracket moves when motor is pushed or pulled
- Motor feels like it is not securely attached to bracket when it is pushed or pulled
- Visible scrapes on motor or side plate along edge of bracket
- Visible scrapes along edge of screw holes
- Visible wear to screws

If any of these conditions exist, the bracket is damaged.

- Visible cracks in bracket
- Fine metal dust (may be rust-colored) on bracket

5

If the bracket is loose but not damaged:

- **Order upgrade kit #H1170854-0B.**
- **Follow the steps** to upgrade the bracket hardware.

If the bracket is damaged:

- **Order replacement kit #H1170854-0A.**
- **Follow the steps** to replace the bracket.

NOTICE

Do not operate the door if inspection shows that the motor mount bracket is loose or damaged.

The motor can move unexpectedly, which can result in property damage.

How to upgrade the motor mount bracket hardware

1



WARNING: Do not service the motor mount bracket until the power disconnect is in the OFF position and lockout/tagout is complete.

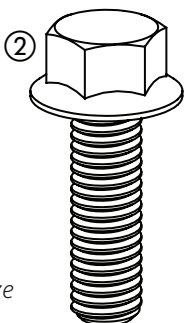
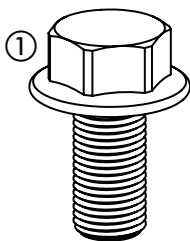


The motor, when receiving power, can move unexpectedly, which can result in serious injury or death.

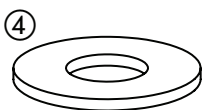
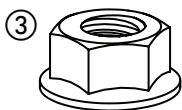
2



3



actual size



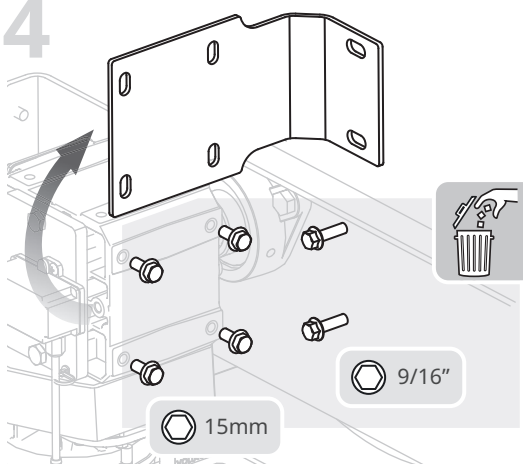
Upgrade kit #H1170854-0B

ID	Part No.	Description	Qty.
1	5550332-0A01	Screw, M10 x 20	4
2	5550330-0A01	Screw, 3/8-16 x 1.25	2
3	5550333-0A01	Washer	2
4	5550331-0A01	Nut, 3/8-16	2

NOTICE

All fasteners used must match the rating for parts in the kit: 5550332 is Class 8.8, 5550330 and 5550331 are Grade 8, and 5550333 is hardened.

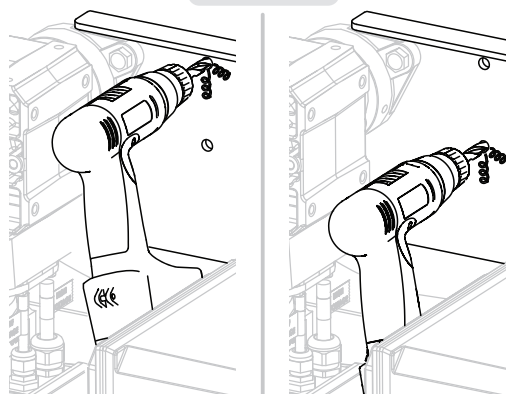
4



5

Drill out threaded holes.

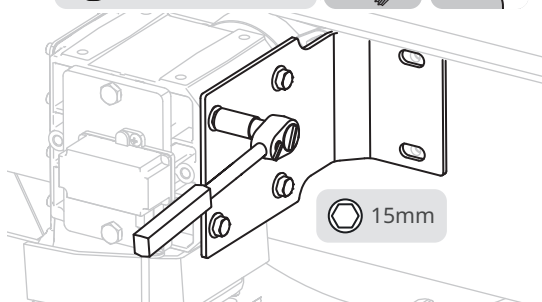
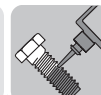
13/32"



6

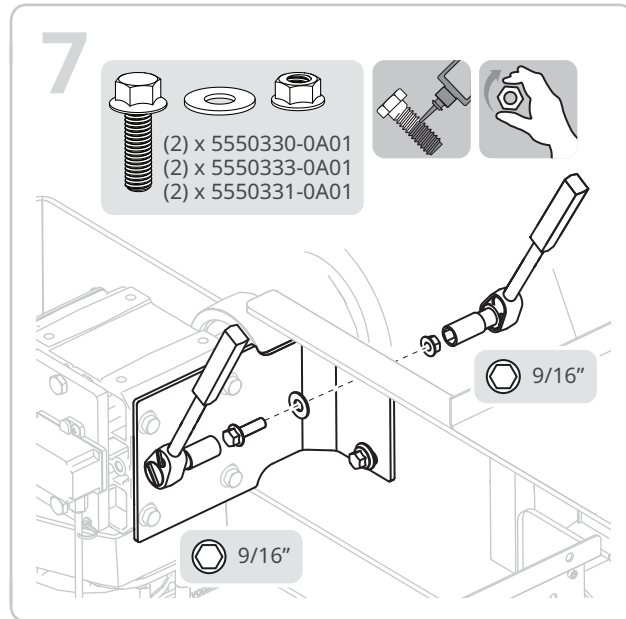


(4) x 5550332-0A01

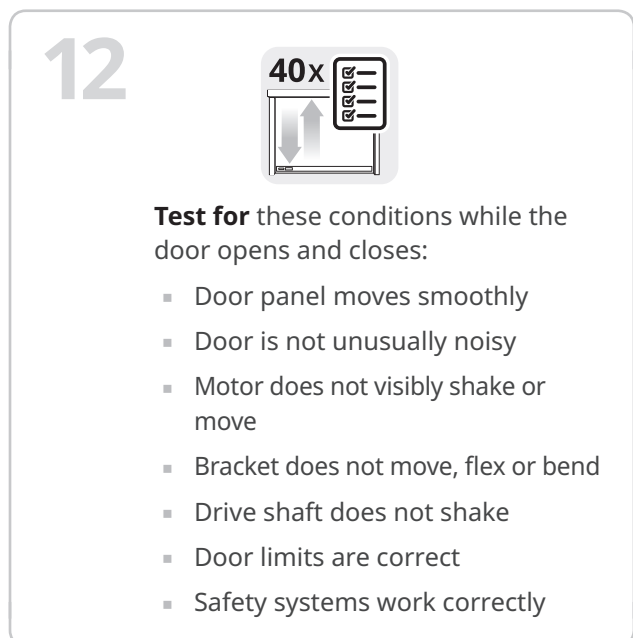
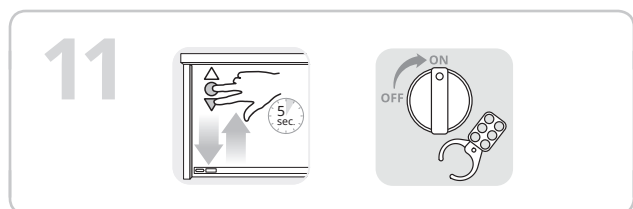
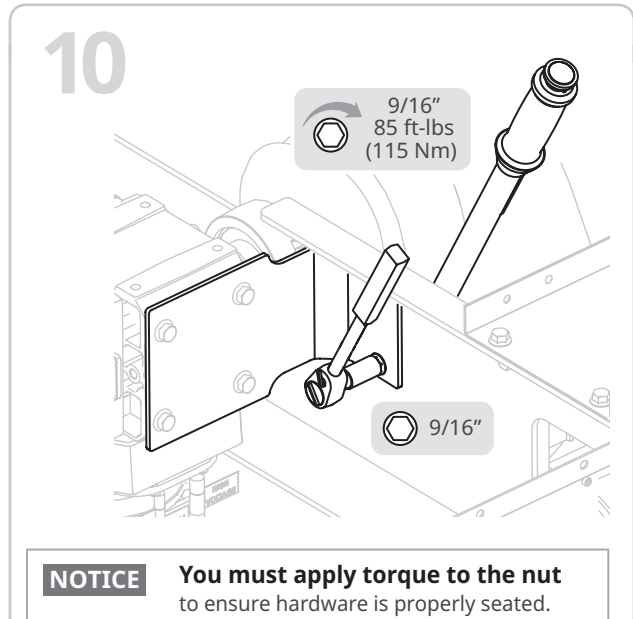
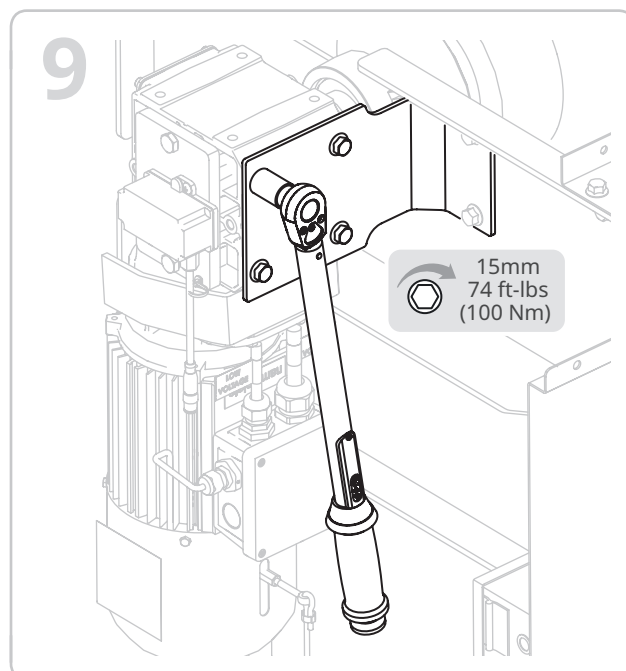


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- 8** **Make sure** the motor mount bracket is flush to the motor and to the side plate. **Loosen** screws or nuts and reposition if necessary.



How to replace the motor mount bracket

1



WARNING: Do not service the motor mount bracket until the power disconnect is in the OFF position and lockout/tagout is complete.

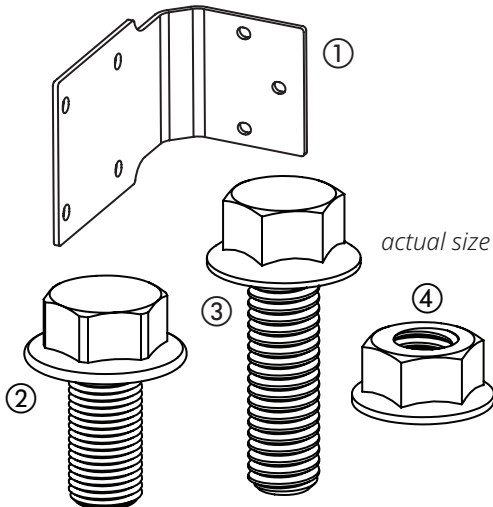


The motor, when receiving power, can move unexpectedly, which can result in serious injury or death.

2



3



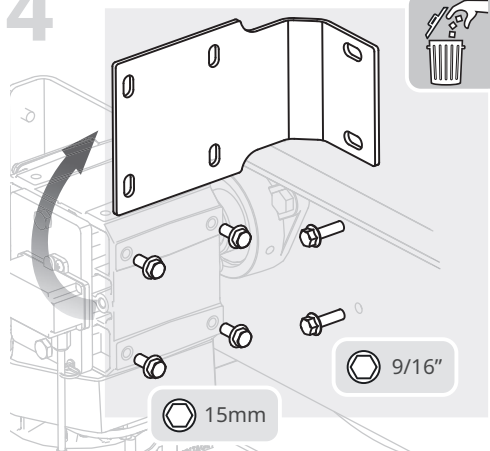
Replacement kit #H1170854-0A

ID	Part No.	Description	Qty.
1	1170852-0Z01	Motor mount bracket	1
2	5550332-0A01	Screw, M10 x 20	4
3	5550330-0A01	Screw, 3/8-16 x 1.25	3
4	5550331-0A01	Nut, 3/8-16	3

NOTICE

All fasteners used must match the rating for parts in the kit: 5550332-0A01 is Class 8.8, 5550330-0A01 and 5550331-0A01 are Grade 8.

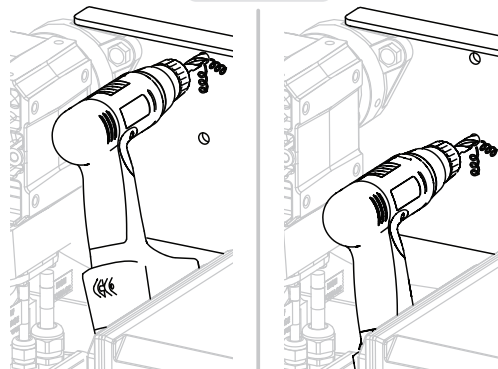
4



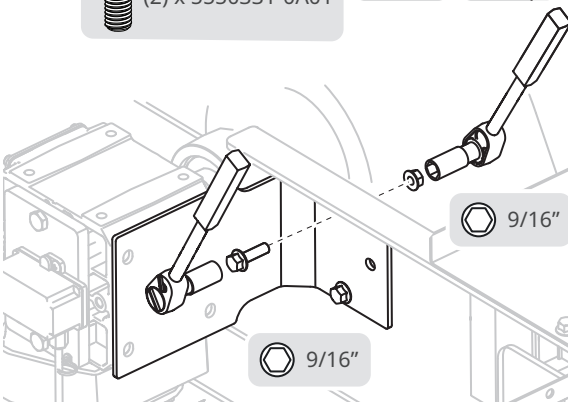
5

Drill out threaded holes.

13/32"

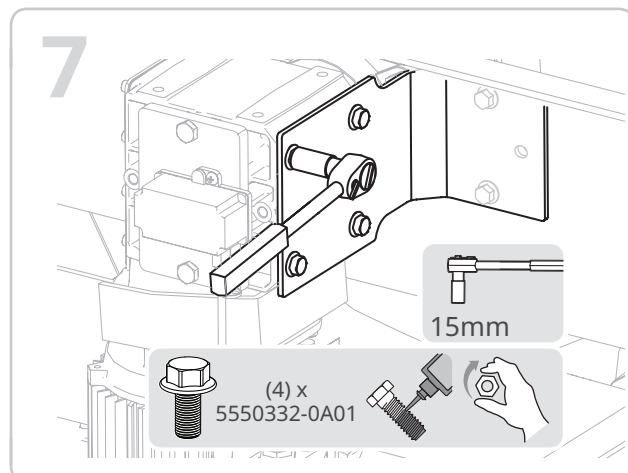


6

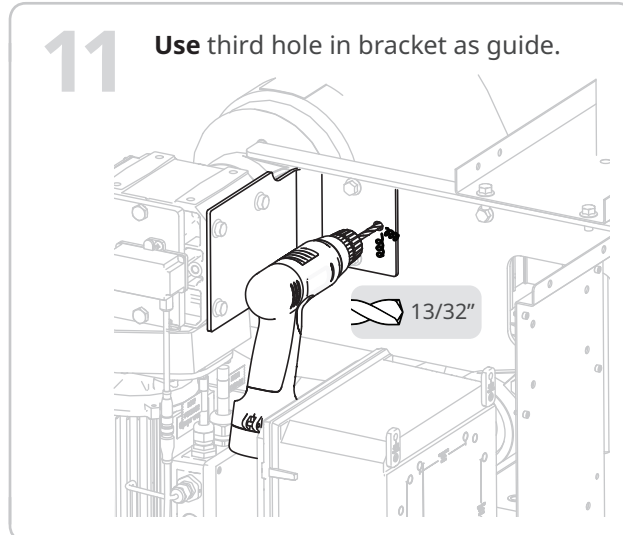
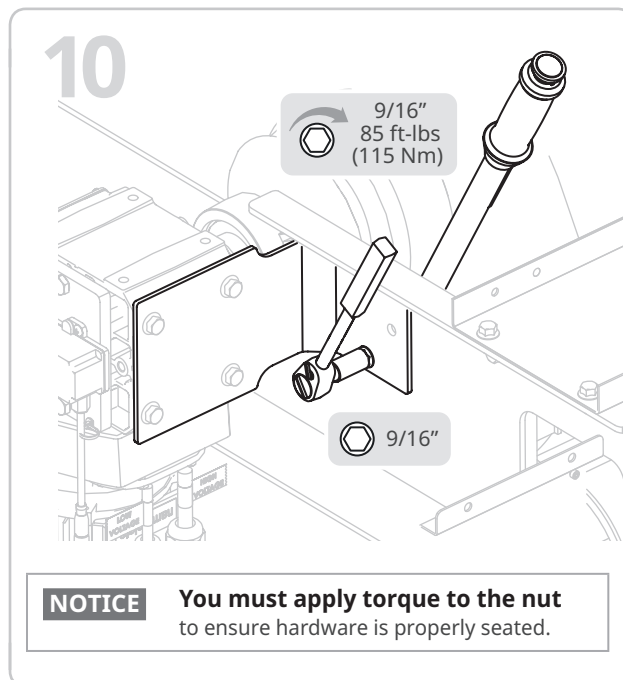
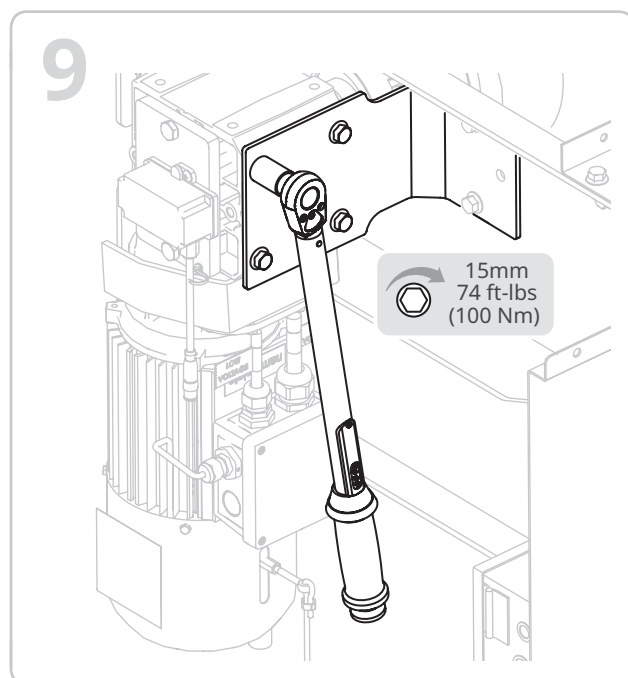


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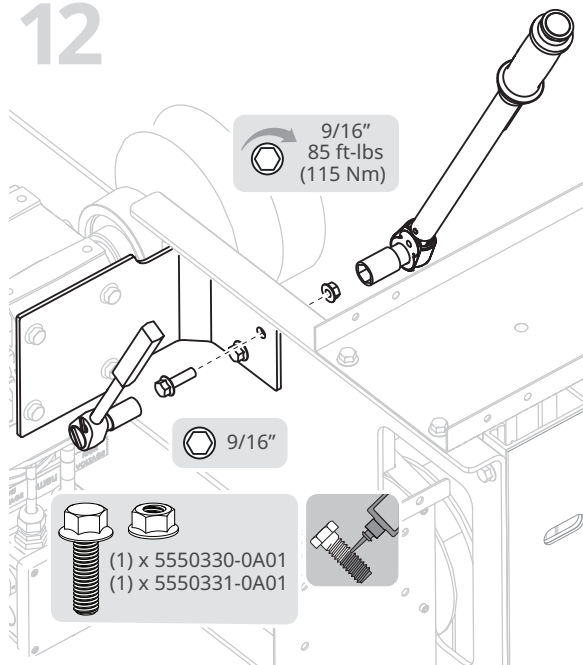
8 **Make sure** the motor mount bracket is flush to the motor and to the side plate. **Loosen** screws or nuts and reposition if necessary.



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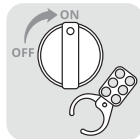
12



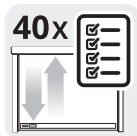
NOTICE

You must apply torque to the nut to ensure hardware is properly seated.

13



14



Test for these conditions while the door opens and closes:

- Door panel moves smoothly
- Door is not unusually noisy
- Motor does not visibly shake or move
- Bracket does not move, flex or bend
- Drive shaft does not shake
- Door limits are correct
- Safety systems work correctly