



## MaxxAir® MaxxFan® Universal Lid Lifting Gear Operator Mechanism Replacement Instructions

Locate your MaxxFan model in the chart below and proceed to the appropriate page as indicated:

MaxxFan Model	Operator Part #	Replacement Instructions	Page #
5100K, 6200K,	10-20281K-3CF	<b>DELUXE MODELS</b>	2
7000K, 7500K	10-20281K-1AF	<b>DELUXE MODELS</b>	2
4000K, 4301K, 4401K	10-20281K-3CF	<b>STANDARD MODELS</b>	7
4500K, 4700K, 4751KS, 4900K, 4951KS	10-20281K-1AF	<b>STANDARD MODELS</b>	7



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316.832.4357

# REPLACEMENT INSTRUCTIONS

## DELUXE MODELS

Caution: Remove 12volt vehicle power supply to MaxxFan before starting any work on MaxxFan.



**A**

With the MaxxFan in the open position, remove the two rear hinge screws.



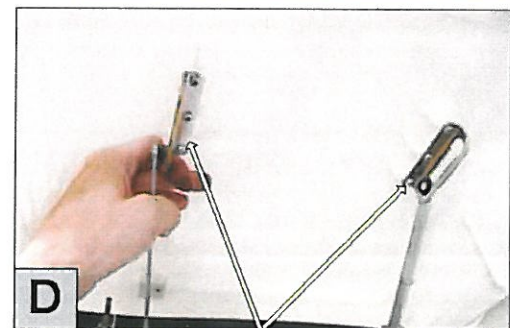
**B**

Allow the Rain Shield to swing downward as shown in photo 'B'.



**C**

Continue to open the MaxxFan and release the Lifting Arms from the two Upper Brackets. Ref. Photos 'D' and 'E'.



**D**

Upper Brackets

If there are Nylon Bushings on the end of the Lifter Arms, be sure to save them for reinstallation.

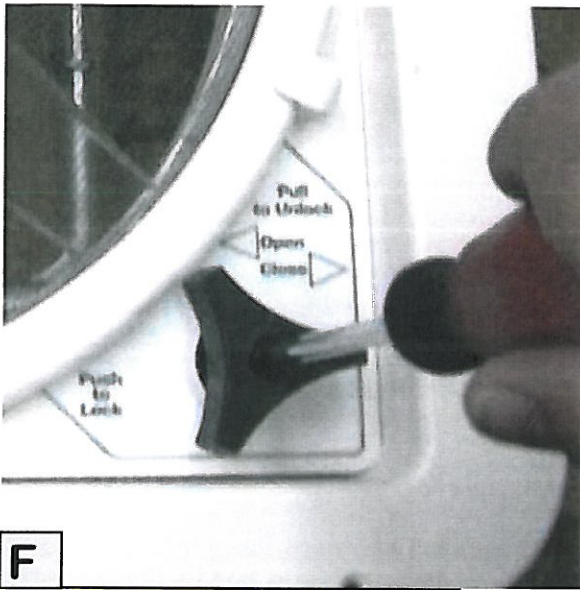


**E**

You may now proceed with the instructions beginning on the next page for replacing the Lid Lifting Gear Operator Mechanism in your MaxxFan.

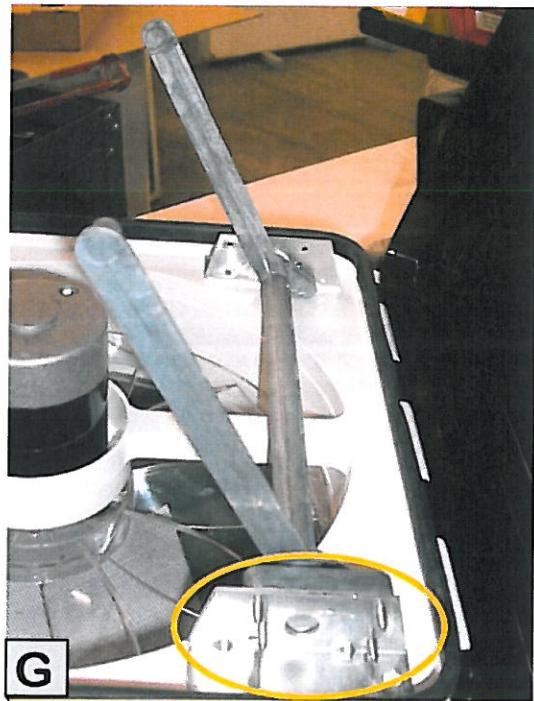


## Replacing Lid Lifting Gear Operator Mechanism on MaxxFan Deluxe 'K' Models



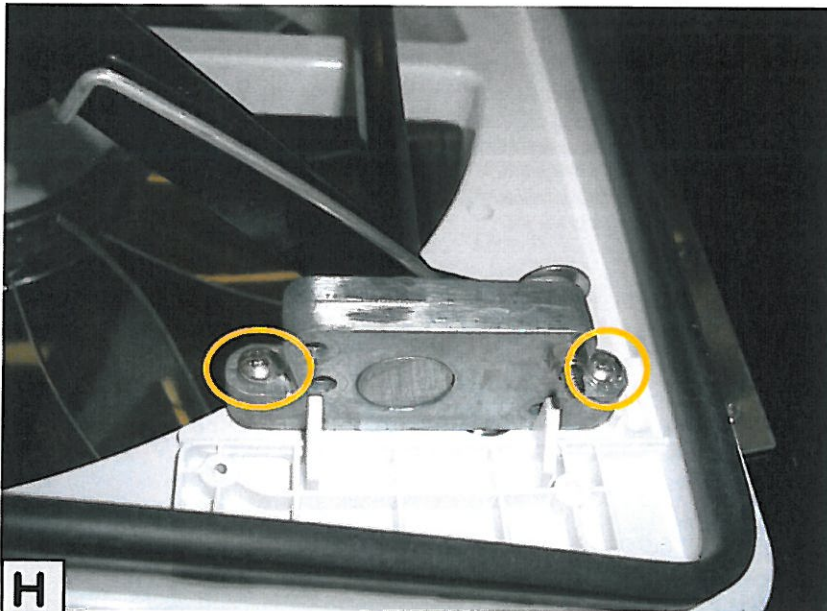
**F**

On Manually opening models, remove the screw that holds the Locking Knob & Shaft in place. *The Knob does not have to be removed on Automatic opening models.*



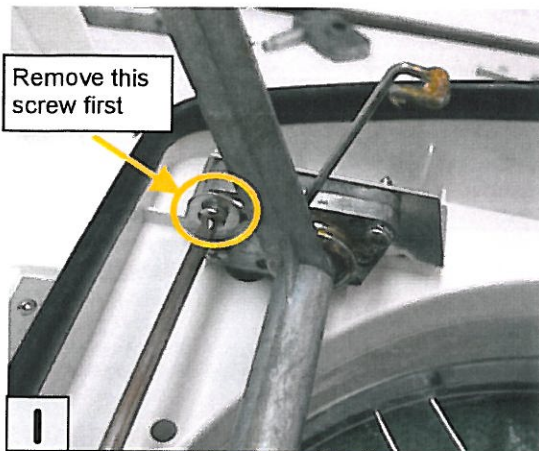
**G**

If the Operator is attached to an aluminum 'L' Bracket proceed as follows at Step I.



**H**

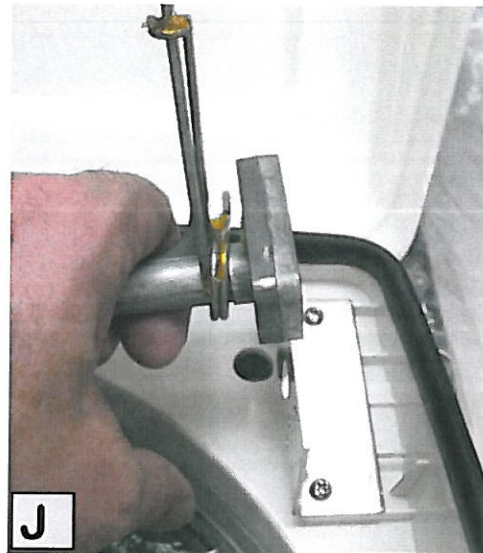
If the Operator is directly attached to the MaxxFan body with two (2) screws, proceed to Step M.



Remove this  
screw first

**I**

Remove the four Screws that hold the  
Operator Mechanism to the bracket  
Save all screws & washers  
Remove screw that holds Spring first.



**J**

Pull Operator & Lifter Arm up away from  
bracket.



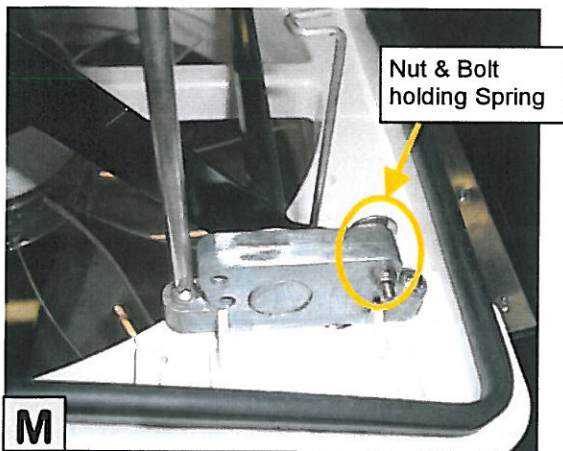
**K**

Pull Operator off of Lifter Arm.  
Discard Operator  
Leave Spring on end of Lifter Arm

**L**

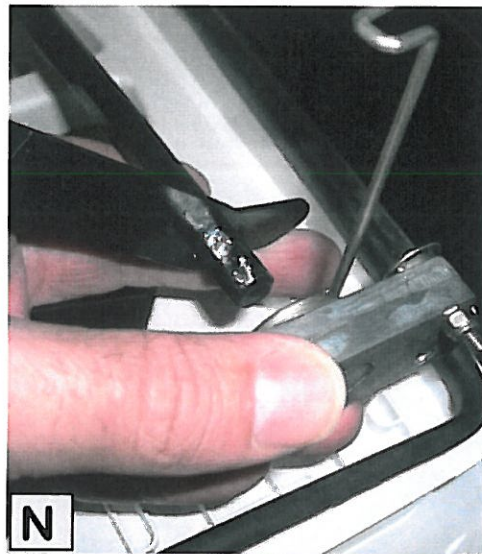
Proceed to Step P to install replace-  
ment Operator.





**M**

Remove the two Screws that hold the Operator Mechanism to the MaxxFan body. Save all screws & washers.

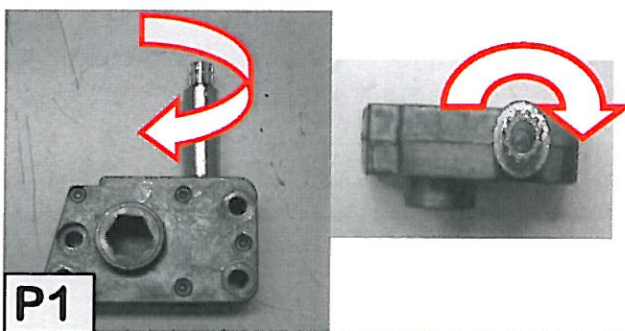


**N**

Pull Operator off of Lifter Arm. Remove the Nut & Bolt that hold the Spring to the Operator. Discard Operator.

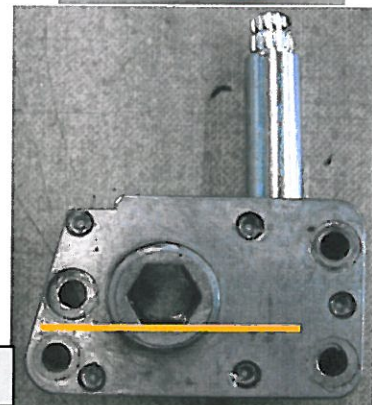
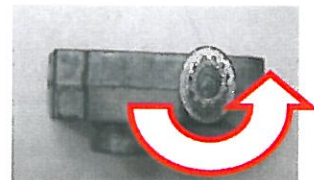
**O**

Proceed to Step P to install replacement Operator.



**P1**

Before installing the Operator, turn the shaft Clockwise until it stops. This will put the Operator in a fully closed position.



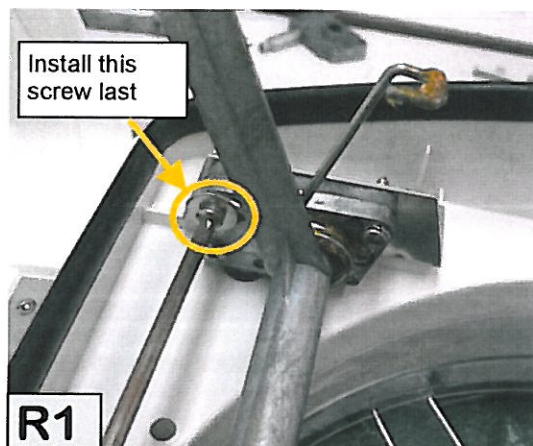
**P2**

Turn the Operator shaft back slightly Counter-Clockwise to align flat of hex socket horizontal.



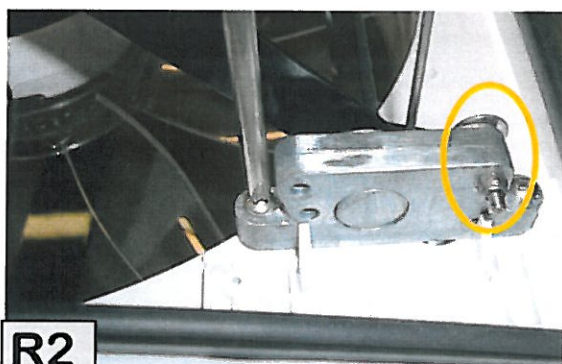
**Q**

Position the Lifter Arm horizontal (parallel to RV roof) and slide Operator onto the end of Lifter Arm. Make sure the Spring is on the end of the Lifter Arm. Proceed to install screws to secure Operator based on the type of Operator in your MaxxFan.



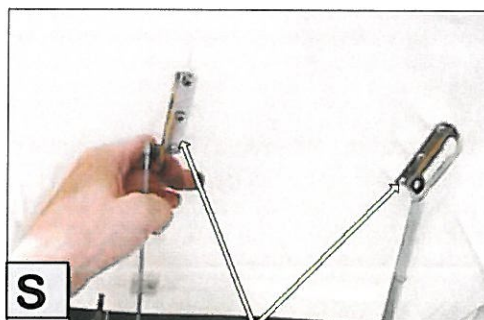
**R1**

If you have aluminum Brackets, reinstall all screws and washers to secure new Operator to bracket. You may need to reposition Lifter Arm with Knob to access all of the Screws. Install screw holding Spring last.



**R2**

If there are no Brackets, reinstall the screws and washers to hold the Operator to the MaxxFan Base. Secure the Spring to the Operator with the Nut & Bolt.



**S**

Open lid as needed to reattach Lifter Arms to Lid. Be sure to reinstall Nylon Bushings if present. Clip end of Spring over Lifter Arm. Reattach Locking Knob & Shaft on manual opening models.



**T**

Reattach Rain Shield assembly to lid using 2 screws previously removed.

This completes the Operator replacement procedure. Raise & lower your MaxxFan lid to ensure it is operating correctly.

If you have any questions  
please contact Airxcel  
Customer Service at  
316.832.4357



## REPLACEMENT INSTRUCTIONS

# STANDARD MODELS

Caution: Remove 12volt vehicle power supply to MaxxFan before starting any work on MaxxFan.



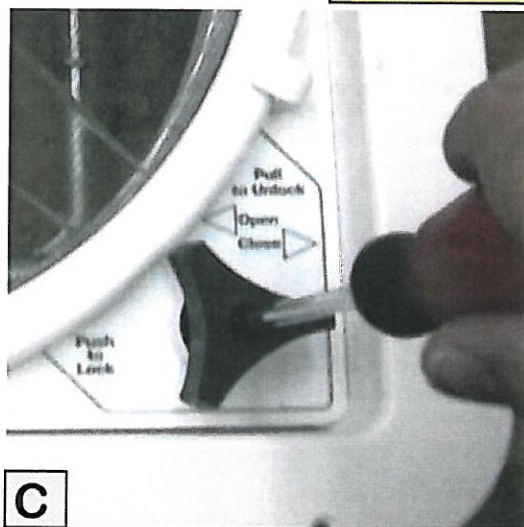
**A**

Open Lid approximately 90% of the way.



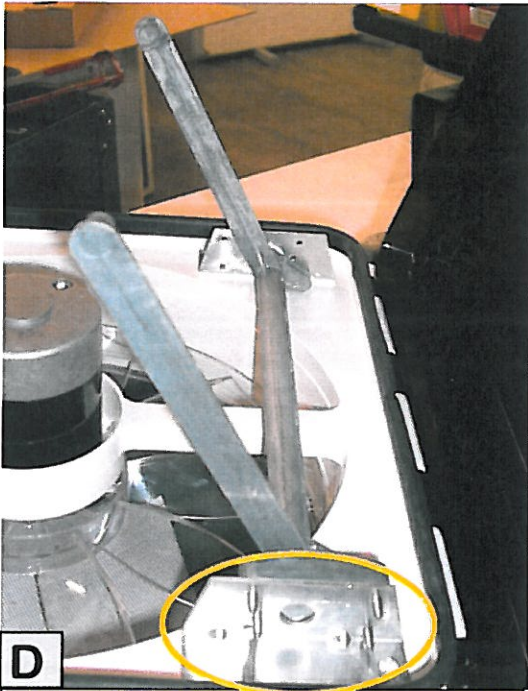
**B**

Un hook Lifter Arms from Lid so Lid can fully open to allow access to top of MaxxFan. Be sure to save the Nylon Bushings on the end of the Lifter Arms.



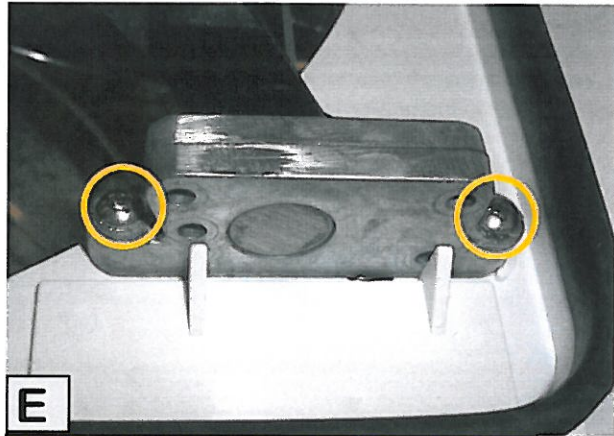
**C**

On Manually opening models, remove the screw that holds the Locking Knob & Shaft in place. *The Knob does not have to be removed on Automatic opening models.*



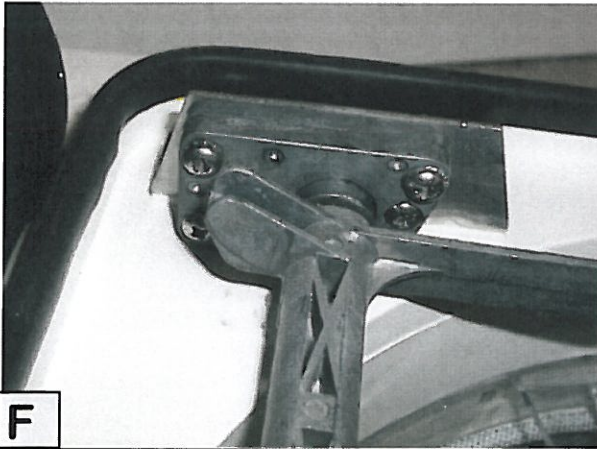
**D**

If the Operator is attached to an aluminum 'L' Bracket proceed as follows at Step F.



**E**

If the Operator is directly attached to the MaxxFan body with two (2) screws, proceed to Step H.



**F**

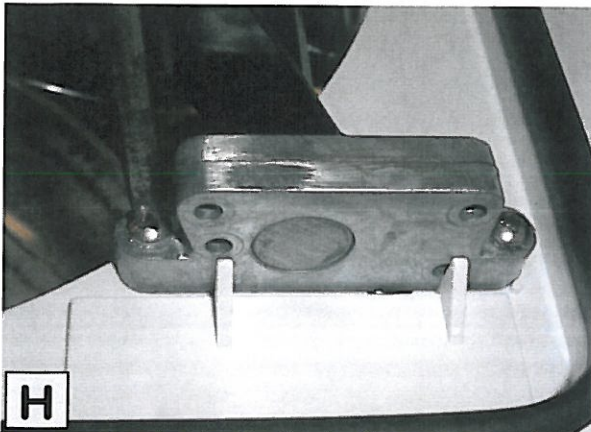
Remove the four Screws that hold the Operator Mechanism to the bracket  
Save all screws & washers



**G**

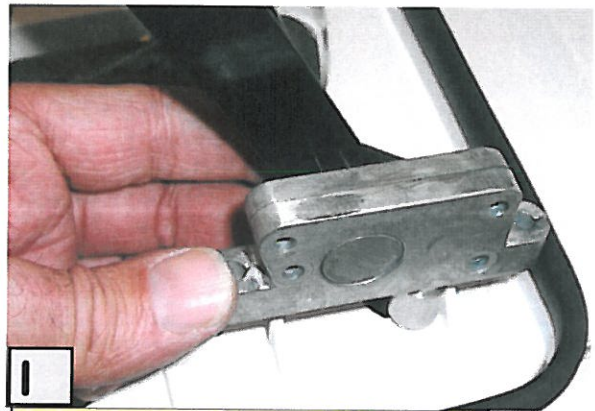
Pull Operator & Lifter Arm up away from Bracket and Remove Operator from end of Lifter Arm shaft.  
Proceed to Step J to Install Replacement Operator.





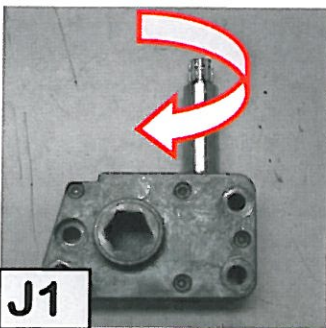
**H**

Remove the two Screws that hold the Operator Mechanism to the MaxxFan body. Save all screws & washers.



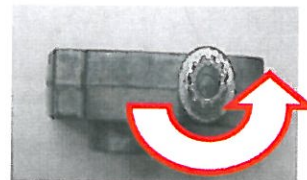
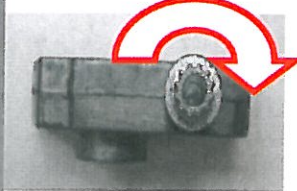
**I**

Pull Operator & Lifter Arm up away from Bracket and Remove Operator from end of Lifter Arm shaft. Proceed to Step J to Install Replacement Operator.



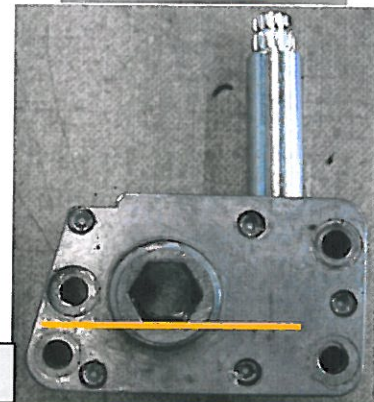
**J1**

Before installing the Operator, turn the shaft Clockwise until it stops. This will put the Operator in a fully closed position.



**J2**

Turn the Operator shaft back slightly Counter-Clockwise to align flat of hex socket horizontal.

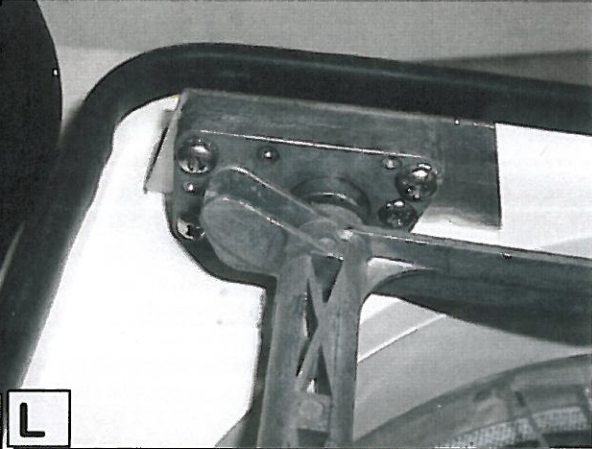




**K**

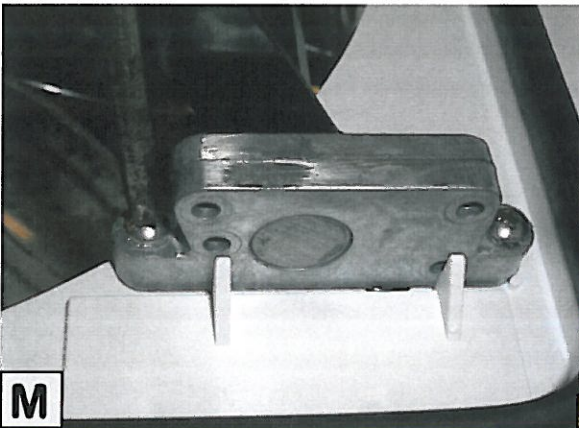
Position the Lifter Arm horizontal (parallel to RV roof) and slide Operator onto the end of Lifter Arm.

Proceed to install screws to secure Operator based on the type of Operator in your MaxxFan.



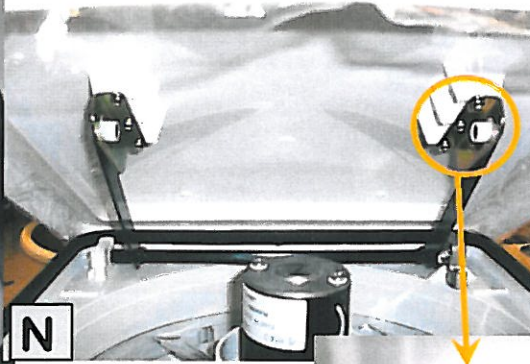
**L**

If you have aluminum Brackets, reinstall all screws and washers to secure new Operator to bracket. You may need to reposition Lifter Arm with Knob to access all of the Screws.



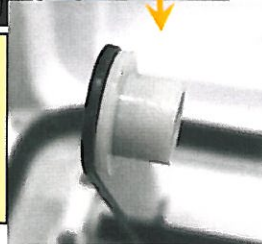
**M**

If there are no Brackets, reinstall the screws and washers to hold the Operator to the MaxxFan Base.



**N**

Open lid as needed to re-attach Lifter Arms to Lid. Be sure to reinstall Nylon Bushings. Reattach Locking Knob & Shaft on manual opening models.



This completes the Operator replacement procedure. Raise & lower your MaxxFan lid to ensure it is operating correctly.

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