

REVOLOK 6600™

& TENSION KIT

Owner's Manual



SKU: RL6600-3870

WARNING!

READ AND FOLLOW THESE ENTIRE SAFETY AND OPERATING INSTRUCTIONS. READ AND UNDERSTAND ALL WARNING LABELS COMPLETELY. INDIVIDUALS USING THE **REVOLOK 6600™** DEVICE (HEREINAFTER THE **REVOLOK 6600™**) DO SO ENTIRELY AT THEIR OWN RISK. BY USING THE **REVOLOK 6600™** YOU ACKNOWLEDGE AND AGREE THAT YOU UNDERSTAND THE WARNINGS AND POTENTIAL RISKS INVOLVED.

NOTE: USE THE **REVOLOK 6600™** CORRECTLY FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE TO THE **REVOLOK 6600™** OR PERSONAL INJURY OR BOTH AND WILL VOID THE WARRANTY. MAINTAIN THIS SAFETY AND OPERATING MANUAL IN A SAFE LOCATION FOR FUTURE REFERENCE.

Congratulations for purchasing a

REVOLOK™ 6600.

This product will provide you with smarter,
safer, faster, and easier cargo securement
if used according to the instructions.

For technical questions,
please call (231) 486-6016,
or email: info@revolok.com

REVOLOK 6600™

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Safety Instructions

WARNING!

FAILURE TO FOLLOW PRODUCT SAFETY INSTRUCTIONS, WARNINGS AND INSPECTION STANDARDS MAY RESULT IN DAMAGE TO THE CARGO OR THE EQUIPMENT OR BOTH, AND PERSONAL INJURY OR DEATH.

DO NOT: Use an impact drill, impact wrench, ratcheting drill, or hammer drill to actuate the **REVOLOK 6600™**. Doing so will void its warranty. Inspect the **REVOLOK 6600** before each use. Look for excessive wear, bending, cracks, damage or corrosion. If in doubt, **DO NOT** use it.

DO NOT: Operate the **REVOLOK 6600™** without a hard hat, gloves, proper eye protection and a fluorescent vest whenever you are tightening or loosening cargo. You must wear proper personal protective equipment while operating this device.

DO NOT: Fully retract the **REVOLOK 6600™** at high revolutions per minute when unattached from the chain. The **REVOLOK 6600™** generates high torque that will overcome any operator's resistance. Exercise caution while operating this device.

DO NOT: Operate the **REVOLOK 6600™** while standing on the load. Never straddle the chain while tensioning the **REVOLOK 6600™**.

DO NOT: Exceed the working load limit (or "WLL") of the **REVOLOK 6600™**

DO NOT: Operate the **REVOLOK 6600™** while under the influence of drugs, or alcohol, or medication that can impair your judgement.

DO NOT: Use the **REVOLOK 6600™** for lifting, raising, or lowering applications.

While using the **REVOLOK 6600™** to secure chain, be sure to engage clutch in the proper loading zone. Failure to do so can damage the device or cause serious injury.

If the battery drill and amplifier cannot overcome the torque necessary to engage the **REVOLOK 6600™**'s clutch, apply torque manually with a ratchet wrench with a one-inch socket.

All standards and regulations (federal, state, local and provincial) that apply to ratchet binders use apply to the **REVOLOK 6600™**.

Use the **REVOLOK 6600™** only with a 3/8" G70 cargo chain.

Make sure that no body part comes into the load path of the chain while the **REVOLOK 6600™** comes under tension. Be aware of the conditions and know that ice, snow, rain and oil can affect your footing. Wear suitable non-slip footwear.

Make sure the securement chain is properly attached to the **REVOLOK 6600™**'s grab hooks before bringing it under load.

Always maintain clearance for the amplifier and battery drill while bringing the **REVOLOK 6600™** under load.

Always use the amplifier when tensioning or releasing the load. Note: If necessary, you may use a standard ratchet wrench to loosen or tighten the **REVOLOK 6600™**.

Keep hands and fingers clear of pinch points while bringing the **REVOLOK 6600™** under load.

To ensure that the **REVOLOK 6600™** is properly secure after engaging the clutch, visually inspect the hex rod. The red loading zone must be clearly visible after the clutch engages.

Safety Instructions

Consider other workers' safety as well as your own while using the **REVOLOK 6600™**. Operate the **REVOLOK 6600™** only in a well-lit location.

To prevent side loads on the **REVOLOK 6600™** make sure the device is not in contact with any object other than the chain being tightened.

Tension relaxation may occur due to dynamic events. Check the tension of the **REVOLOK 6600™** periodically. If loose, re-engage the drive nut on each **REVOLOK 6600™** with a battery drill and amplifier until the clutch engages. Make sure the hex rod displays the red loading zone.

WARNING!

FAILURE TO FOLLOW THESE SAFETY INSTRUCTIONS AND WARNING LABELS MAY RESULT IN DAMAGE OR PERSONAL INJURY AND WILL VOID THE WARRANTY

WARNING!

DO NOT USE THIS PRODUCT BEFORE YOU HAVE READ AND UNDERSTAND ALL WARNINGS AND SAFETY INSTRUCTIONS.

IF YOU HAVE QUESTIONS OR ARE UNSURE ABOUT ANY INFORMATION, CONTACT OUR CUSTOMER SERVICE DEPARTMENT AT 231-486-6016 OR BY EMAIL INFO@REVOLOK.COM. KEEP THIS SAFETY AND OPERATION MANUAL IN A SAFE LOCATION FOR FUTURE REFERENCE

All equipment used in conjunction with the **REVOLOK 6600™** must pass inspection according to current industry standards per WSTDA.

THE REVOLOK 6600™ IS AN EXPENSIVE TECHNICAL TOOL DESIGNED FOR THE RIGORS OF THE FLATBED INDUSTRY. SO:

- AVOID UNECESSARY IMPACT
- AVOID UNECESSARY EXPOSURE TO THE ELEMENTS
- MAINTAIN ALL ASSISTING EQUIPMENT (BATTERY DRILL, BATTERIES, CHARGER, AMPLIFIER)

NEVER:

Exceed working load limit (or "WLL") of the **REVOLOK 6600™**.

The **REVOLOK 6600™** should be tightened only using the recommended battery drill: DCD 740 (see operating instruction note*) with the amplifier or a ratchet wrench.

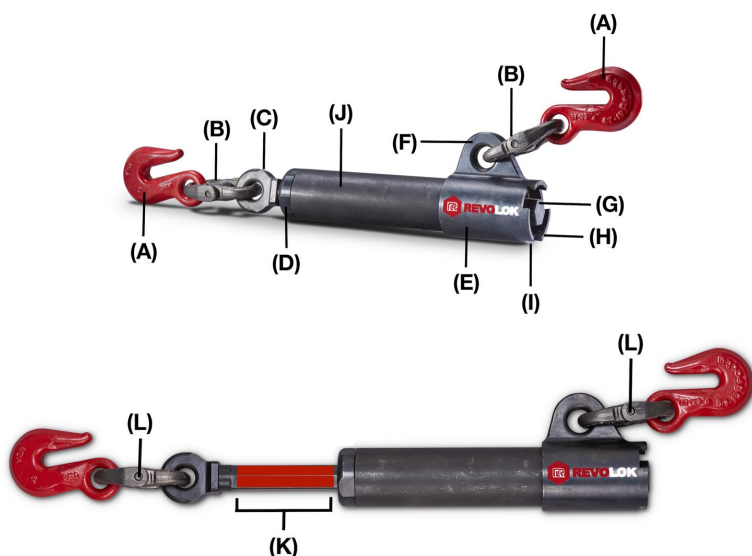
Use extreme caution when releasing the tension from the **REVOLOK 6600™**. A sudden release of stored energy within the cargo chain may cause the load to shift resulting in personal injury and/or death.

Refer to the Web Sling and Tie Down Association's ("WSTDA") recommended operating practices for specific details.

REVOLOK ASSUMES NO RESPONSIBILITY FOR THE END USER'S ASSEMBLY FOR SECURING THE REVOLOK 6600™ THE MISAPPLICATION, OVERUSE, ABUSE OR ALTERATION OF THE REVOLOK 6600™ CAN RESULT IN PRODUCT FAILURE, PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

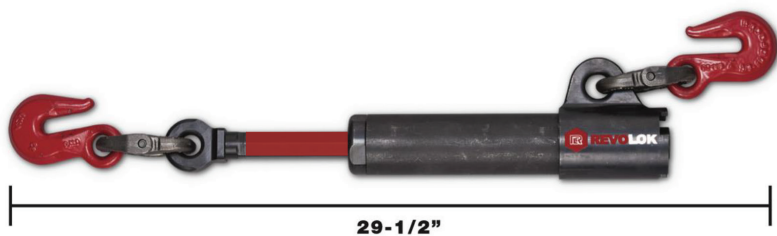
EACH ASSEMBLY IS AS STRONG ONLY AS ITS WEAKEST POINT, INCLUDING THE POINT OF ATTACHMENT.

REVOLOK 6600™ Parts Identification



A	Grab Hook 2x
B	Hammerlock 2x
C	Hex Rod
D	Front End Cap
E	Rear End Cap
F	Boss (Lug)
G	1" Drive Head
H	Interlok Tab
I	Interlok Slot
J	Outer Housing Body
K	Red Loading Zone
L	Hammerlock Pin 2x

REVOLOK 6600™ Technical Specifications



SKU	RL 6600-3870
WLL	6600 lbs
MBS	26,400 lbs
Chain Size	3/8" G70
Length	24-1/2" RET
	29-1/2" EXT
Hook	Grab 3/8" G70
Weight	14.4 lbs
Proprietary 3,500 lb Clutch	
No Scheduled Maintenance	
Corrosion Resistant & Weather Tight	
ISO: 9001 Certified & Tested	

100% Manufactured & Assembled USA

REVOLOK 6600™ Tension Kit Parts List

A



B



C



D



E



F



G



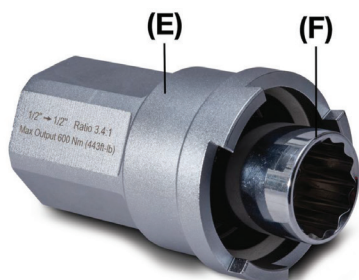
H



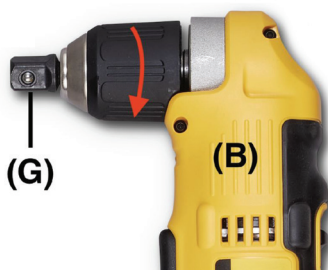
- A Tension Kit SKU: DTK-1
- B DeWalt 20V MAX 3/8" Right
Angle Drill/Driver Model DCD740
- C 12V/20V MAX Lithium ION
Battery Charger Model DCB115
- D 20V MAX* XR 5AH Battery
Model DCB205 2X
- E Amplifier SKU: IA-341
- F 1" Standard 1/2" Drive Socket
- G 3/8" Hex to 1/2" Square Adapter
- H Ratchet Wrench

REVOLOK 6600™ Operating Instructions

FOR BEST RESULTS; Always fully extend the hex rod until the 1" drive head spins freely. Re-engage the hex rod by turning the 1" drive head clockwise two full rotations. The **REVOLOK 6600™** is now ready to come under load using the battery drill/ amplifier assembly.

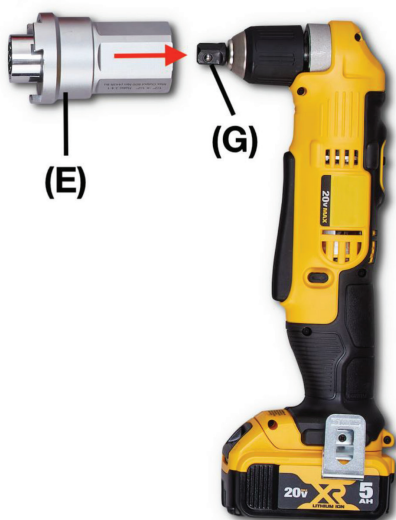


STEP 1: Connect the 1" Socket (F) to The Amplifier (E).



STEP 2: Insert the 3/8" Hex to 1/2" Square Adapter (G) into the battery drill chuck. Twist chuck clockwise indicated by the red arrow to tighten.

***NOTE:** Make sure the 3/8" Hex to 1/2" square Adapter is seated properly within the battery drill chuck.



STEP 3: Connect the Battery drill assembly together, as shown above. Connect the Amplifier (E) to the 3/8" Hex to 1/2" Square Adapter (G).

***NOTE: DO NOT** use an impact drill, impact wrench, ratcheting drill, or hammer drill.

*Always use the amplifier when tensioning or releasing the load. If necessary, a standard ratchet wrench may be used to loosen or tighten the **REVOLOK 6600™**.

***PRE-SECUREMENT:** If you retract or extract the **REVOLOK 6600™** while it is not under load, an amplifier is NOT required.



STEP 4: Always use setting #1 when using the recommended right angle battery drill.

***NOTE: DO NOT** operate the battery drill in setting #2 when tensioning and releasing the load. You will burn up the bushings & the drill will become in-operable.



STEP 5 (SECUREMENT): Seat the amplifier interlok tab into the **REVOLOK 6600™** interlok slot.

***NOTE:** Always maintain clearance for the amplifier and the battery drill when attaching to the **REVOLOK 6600™**. Double check to make sure the recommended battery drill is in setting #1.



STEP 6: Extend the **REVOLOK 6600™** by turning the 1" drive head counter clockwise.

***NOTE:** The red loading zone indicates the safe working zone.

***NOTE: DO NOT** Operate the **REVOLOK 6600™** outside of the red loading zone when bringing the chain under load. The red loading zone must be clearly visible when the clutch engages.



STEP 7: Retract the **REVOLOK 6600™** by turning the 1" drive head clockwise. The clutch will engage when the unit is tight.

***NOTE: DO NOT** bring hex rod all the way in. Stop retracting the **REVOLOK 6600™** prior to the red loading zone disappearing into the front-end cap. Failure to do so may result in serious injury.

REVOLOK 6600™ Limited Warranty

What does this warranty cover?

REVOLOK, LLC. ("We" or "Us") warrants to the original purchaser ("You" or "Your") that your **REVOLOK 6600™** will be free from any material defects, and will function as it is intended.

How long does the limited warranty last?

This warranty lasts for a period of **two years**, from the date of purchase. The warranty terminates if you sell, or otherwise transfer the **REVOLOK 6600™**.

What will REVOLOK, LLC do?

We will, at our sole option and within a commercially reasonable time, replace the **REVOLOK 6600™** without charge to you, or refund the defective or malfunctioning **REVOLOK 6600™** for the purchase price.

What Does This Warranty Not Cover?

This warranty does NOT cover: (a) Theft; (b) normal wear and tear; (c) damage through abuse, neglect, misuse, or as a result of any accident or in any other manner; (d) damage from misapplication, lifting/lowering applications, overloading, or improper drill usage (impact drill, impact wrench, ratcheting drill, hammer drill, or any tensioning device not recommended for use with **REVOLOK 6600™**); (e) improper application; and (f) product alteration in any manner by anyone other than REVOLOK, LLC.

To obtain the warranty service, you **MUST** return the warranty registration card included in this manual within **60 days** of purchasing the **REVOLOK 6600™**.

If something goes wrong with your **REVOLOK 6600™**, mail it postage paid to with a brief description of the problem to:

REVOLOK USA LLC
4288 Armstrong Blvd
Batavia, OH 45103

We will inspect your **REVOLOK 6600™** and contact you within 72hrs to give the results of our inspection. If you authorize repairs, we will return the repaired **REVOLOK 6600™** to you COD within 72 hours. For faster service, you may email us at info@revolok.com

Please include a picture of the **REVOLOK 6600™** with a detailed description of the problem.

How Does State Law Apply?

You may also have other rights which vary from state to state.



Manufactured by:
REVOLOK USA LLC

1461 Industry Drive, Unit 5
Traverse City, MI 49696

www.revolok.com

PROUDLY MADE IN USA