

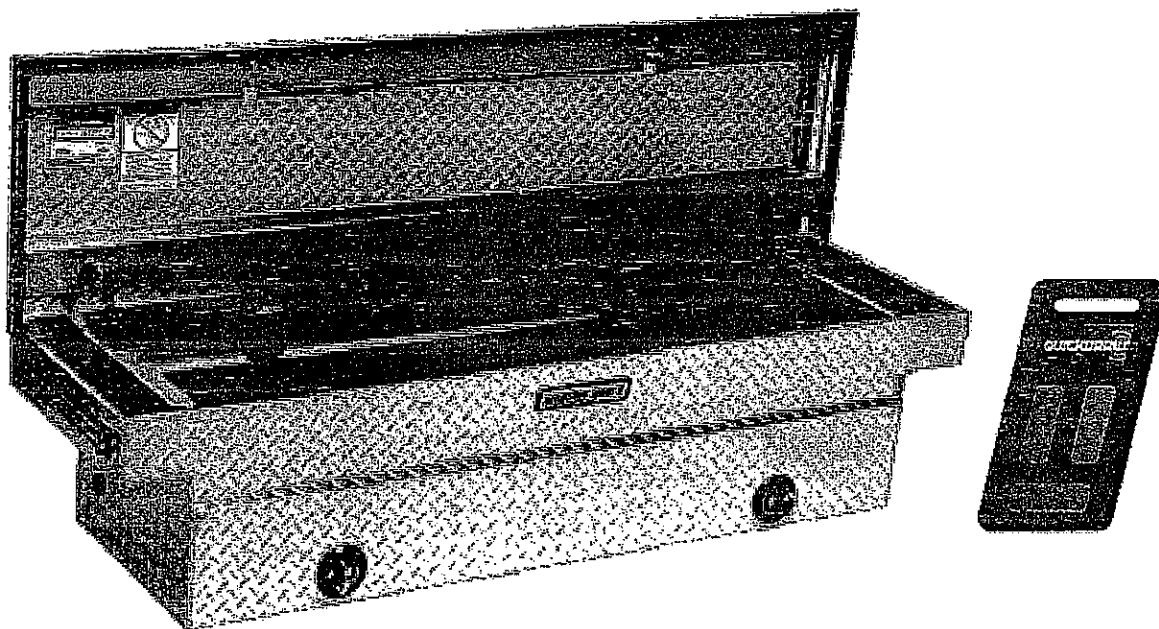


TRUCK STORAGE SOLUTIONS
FOR THE WAY YOU WORK™

QUICKDRAW™
KEYLESS ACCESS SYSTEM

INSTALLATION MANUAL

SADDLE BOX STARTER KIT



Model: QDSKSA01

Weather Guard / Knaack
420 E. Terra Cotta Ave
Crystal Lake, IL 60014 USA

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Knaack.OrderEntry@wernerco.com

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Part No.	24-0326
Rev.	A
ECN	5430



ATTENTION: PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS BEFORE ASSEMBLING, INSTALLING OR USING THIS PRODUCT.



CAUTION

Be safe - always wear protective eye wear to keep debris out of your eyes when installing WEATHER GUARD® Truck Products

















Tools Needed

- NEEDLE NOSE PLIERS
- PHILLIPS HEAD & STANDARD HEAD SCREWDRIVER
- WIRE STRIPPER
- 5/16" WRENCH OR SOCKET
- POWER DRILL
- WIRE CRIMPER
- HEAT GUN
- TIN SNIPS

Saddle Box

USER INSTRUCTIONS

Installation Kit Includes:

	SYSTEM MODULE	QTY. 1
	QUICKDRAW™ REMOTE (FOB)	QTY. 1
	WEATHER GUARD EXTREME PROTECTION® LOCK QTY. 2 -CLIPS, GASKETS AND KEYS INCLUDED	
	ANTENNA	QTY. 1
	ACTUATOR & LINKAGE ASSEMBLY	QTY. 1
	WIRE HARNESS - BATTERY	QTY. 1
	WIRE HARNESS - SADDLE BOX	QTY. 1
	SYSTEM MODULE COVER	QTY. 1
	ACTUATOR ASSEMBLY MOUNTING BRACKET	QTY. 1
	WIRE HARNESS COVER PLATE	QTY. 1
	ADHESIVE SQUARES	QTY. 8
	WIRE TIES	QTY. 8
	VELCRO STRIPS - LARGE	QTY. 2
	VELCRO STRIPS - SMALL	QTY. 2
	ACTUATOR MOUNTING SCREWS (M 3.9 X 25mm)	QTY. 4
	SELF TAPPING MOUNTING SCREWS (#8-18 x 1/2")	QTY. 7

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Model:PKE9185-10
FCC ID:W99-PKE9185-10
IC:8296A-PKE918510

This device complies with part 15 of The FCC Rules and Canada licence-exempt RSS-210 standard.
 Operation is subject to the following two conditions:
 (1) This device may not cause harmful interference and
 (2) This device must accept any interference received, including interference that may cause undesired operation.

MODEL:IL-TXPKE-001
FCC ID:W99-IL-PKE
IC:8296A-ILPKE
 The label information is also included in the user manual.

MODEL:IL-TXPKE-001-NB
FCC ID:W99-IL-PKE
IC:8296A-ILPKE
 The label information is also included in the user manual.

Saddle Box

USER INSTRUCTIONS

FCC&IC

FCC&IC Caution:

This device complies with Part 15 of the FCC Rules and Canada licence-exempt RSS-210 standard. Operation is subject to the following two conditions:

- (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE
- (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

Le manuel d'utilisation des appareils radio exempts de licence doit contenir l'énoncé qui suit, ou l'équivalent, à un endroit bien en vue et/ou sur les appareils :

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

WARNING! SAFETY FIRST

The following safety warning must be observed at all times:

Due to the complexity of this system, installation of this product must only be performed by an authorized Weather Guard dealer.

IMPORTANT INFORMATION

Congratulations on purchasing your QuickDraw™ Keyless Access System. Due to the complexity of this system, it must be installed by an authorized dealer only. Installation of this product by anyone other than an authorized dealer voids the warranty.

By carefully reading this Owner's Manual prior to using your system, you will maximize the use of this system and its features. You can print additional or replacement copies of this manual by accessing our web site at www.weatherguard.com.

I. System Maintenance

The system requires no specific maintenance. Your QuickDraw remote is powered by a small coin cell lightweight 3-volt lithium battery (CR2032) that lasts approximately 3 years under normal use. When the battery begins to weaken, the operating range is reduced.

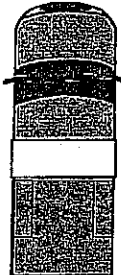
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II. Maximize the Performance of Your System

Never put the key fob together with a cellphone as this may affect the range and its performance.

Additional antennas can be installed to extend the range of the active zone. The installation must be done by technicians who are trained or certified by Weather Guard dealers (optional parts and extra labor required). Refer to your authorized dealer for more information.

III. QuickDraw Saddle Box Compatibility*

QuickDraw Model	Weather Guard Box Type	Model	Material	Truck Configuration
QDSKSA01	Saddle	116-3-02	Steel	
		116-5-02	Steel	
		117-0-02	Alum	
		117-5-02	Alum	
		123-0-01	Alum	
		123-5-02	Alum	
		126-3-02	Steel	
		126-5-02	Steel	
		127-0-02	Alum	
		127-5-02	Alum	
		128-3-01	Steel	
		136-3-01	Steel	
		137-0-01	Alum	
		137-5-01	Alum	
		154-0-01	Alum	
		154-5-01	Alum	
		156-3-01	Steel	

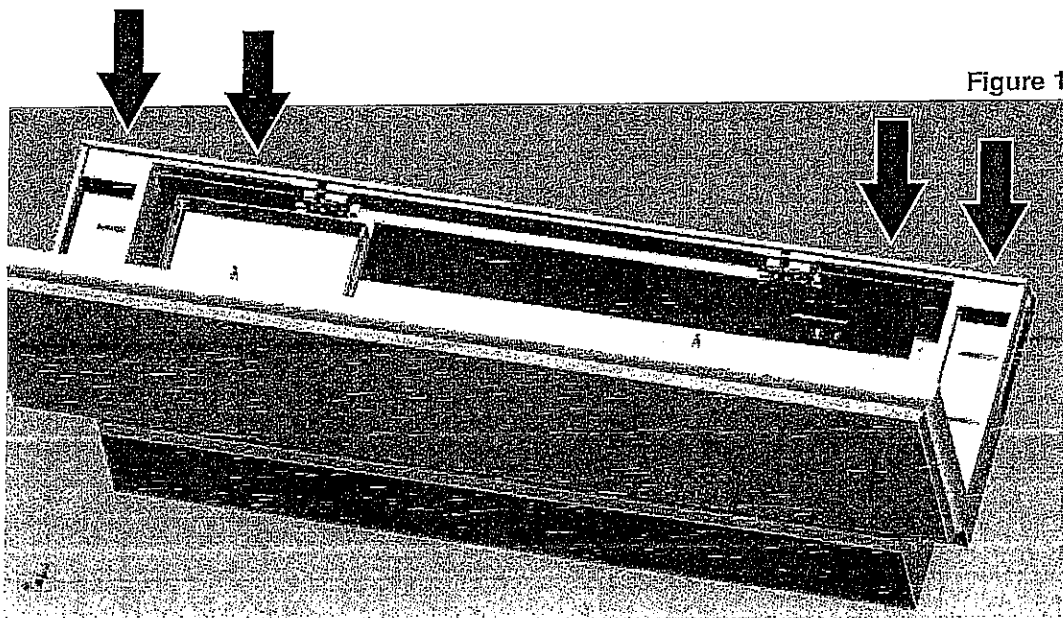
*Excludes Weather Guard low-profile and e-line models

IV. Mechanical Assembly and Installation

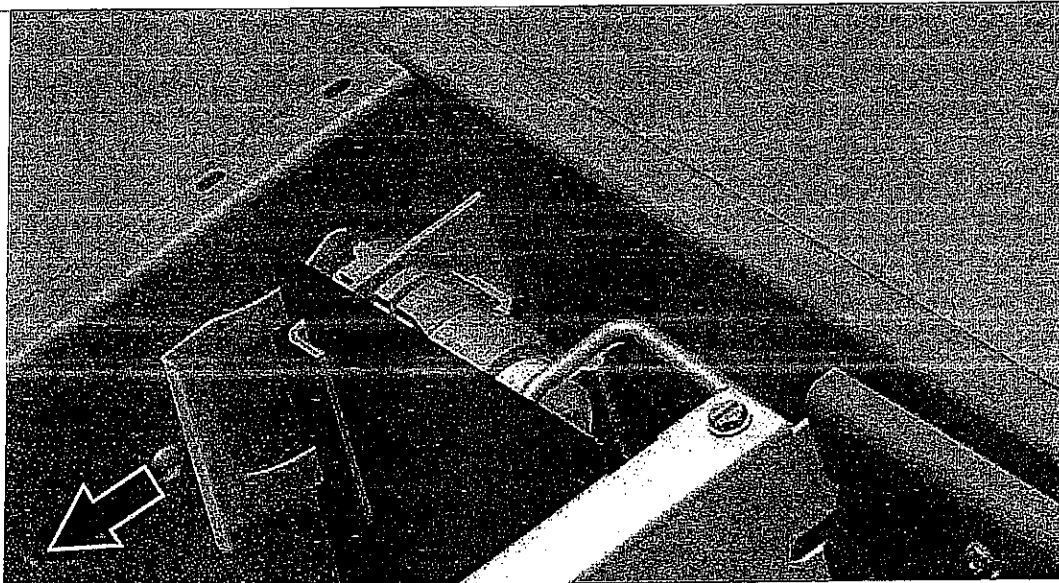
- Open the Weather Guard saddle box and remove the lock mechanism cover plates and the locking rod cover plates as shown in Figure 1. Safely store cover plates and screws for use at the end of installation.

Saddle Box

USER INSTRUCTIONS



- b. Remove the lock retaining clips for both locks as shown in Figure 2. Then remove both locks from the box by pulling straight out. Save the retaining clips for use with the new locks.



- c. Run the full size saddle box wire harness (with four (4) total connectors) starting from the driver side and running through the lock box and along the front of the box through the latch plates and ending at the passenger side lock box. See Figure 3

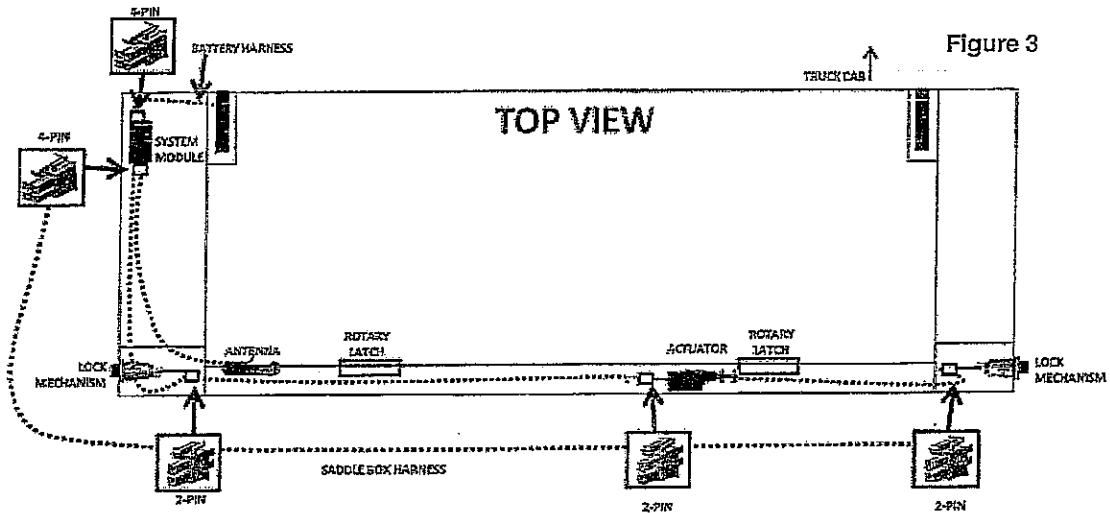


Figure 3

The four (4) pin connector should remain on the driver side of the box. Do not tie down the harness at this time. See Figures 3 through 7.

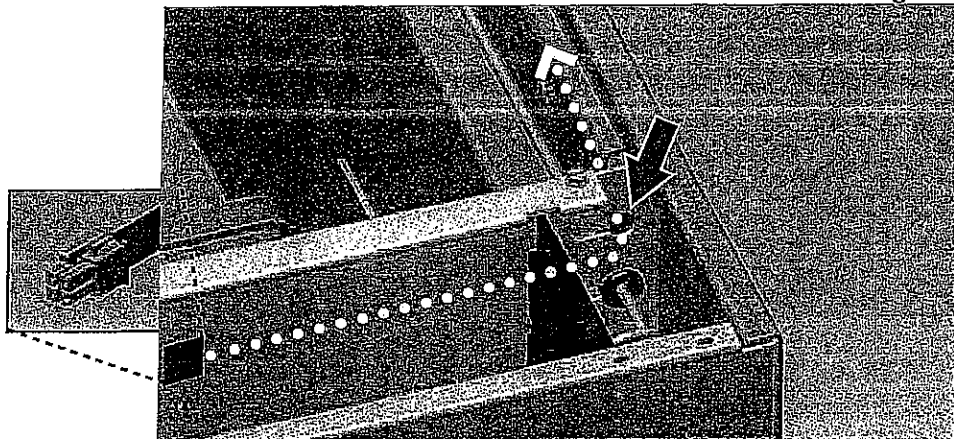
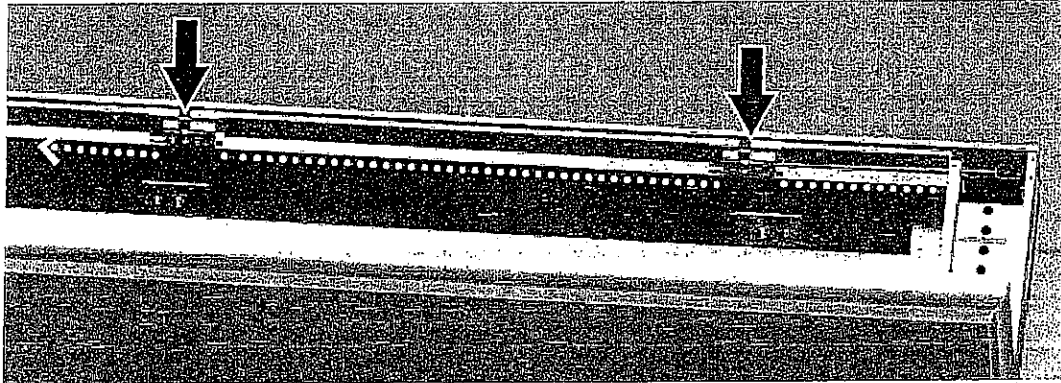


Figure 4

Saddle Box

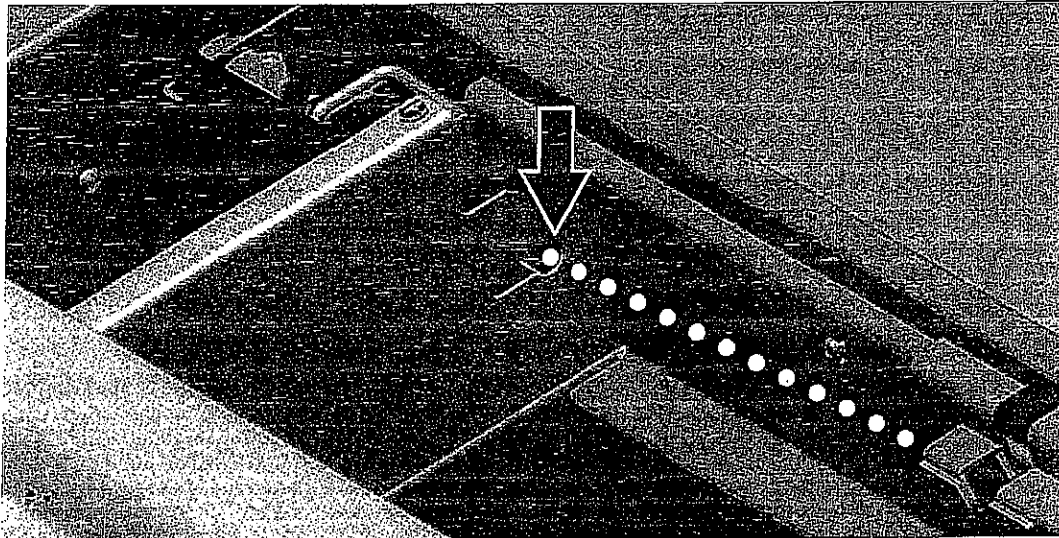
USER INSTRUCTIONS

Figure 5



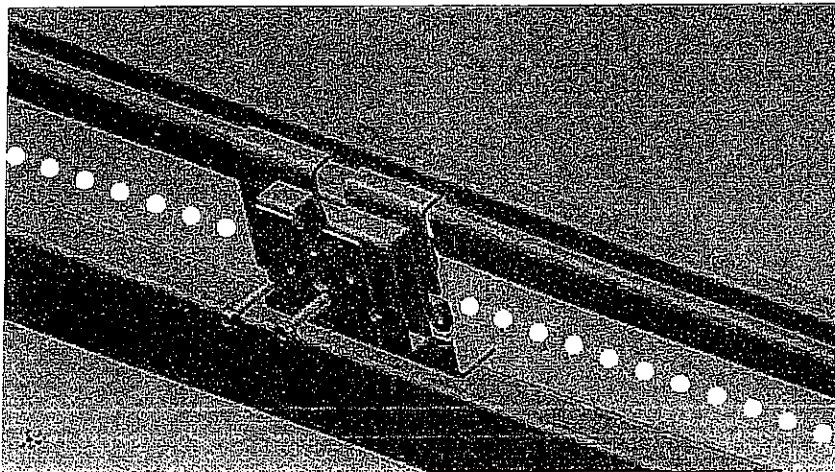
Feed the harness from driver to passenger side through the two latch plates

Figure 6



d. Remove the bolts from the passenger side latch as shown in Figure 7.

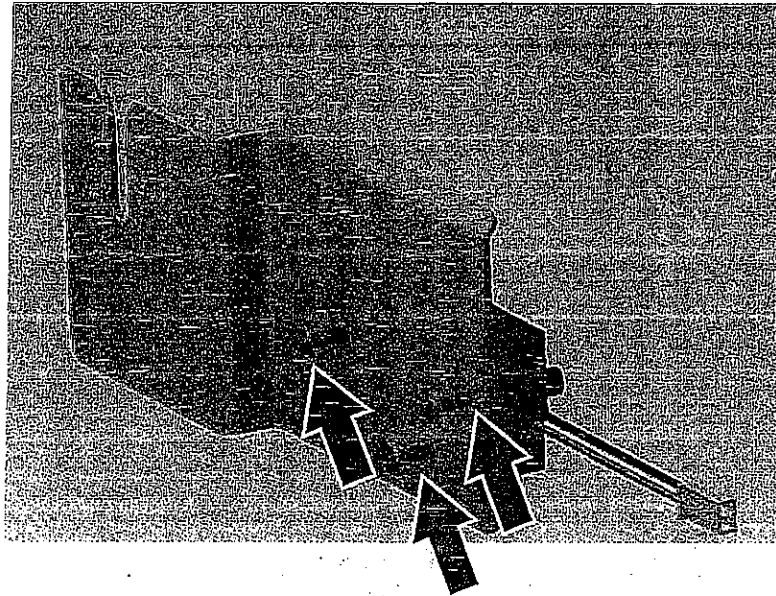
Figure 7



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- e. Using the (3) M3.9x25mm screws provided, attach the actuator to the mounting bracket, but do not tighten the screws more than a few turns. Assembly can be tightened down once step (g) is complete. See Figure 8.

Figure 8



- f. Assemble the actuator linkage assembly and attach it to the latch as shown in Figures 9 and 10.

Figure 9

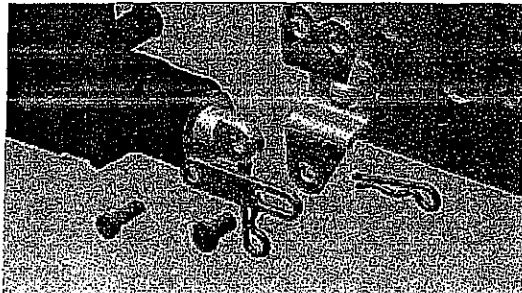
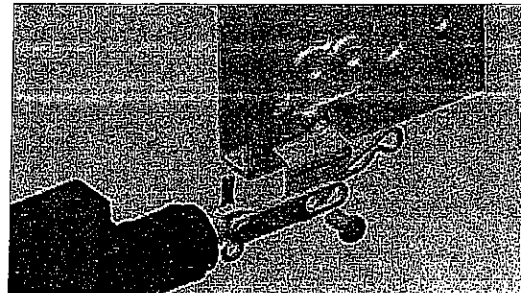


Figure 10

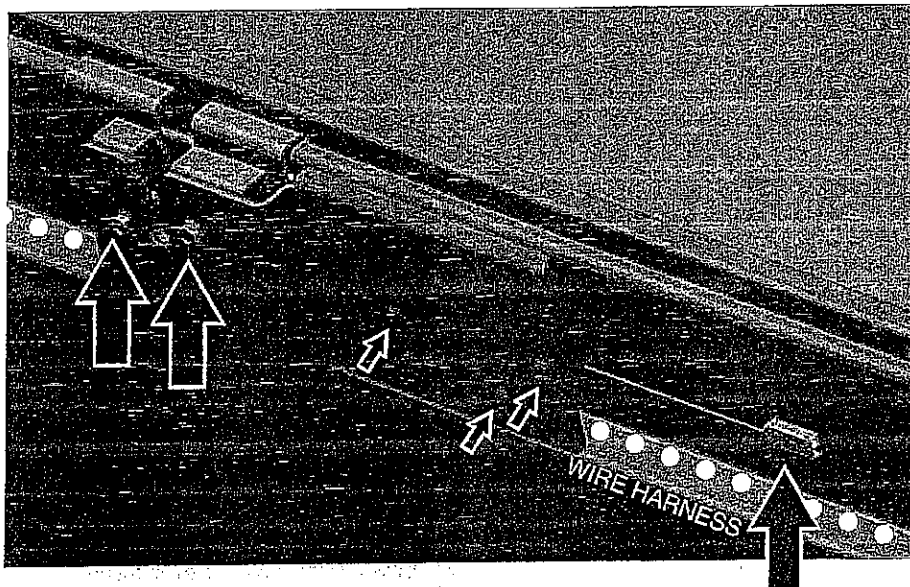


Saddle Box

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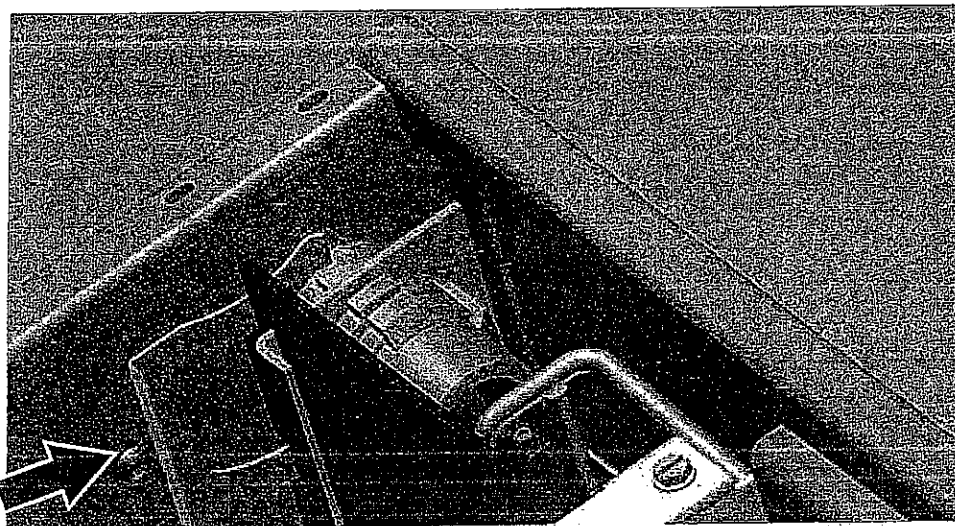
- g. Complete actuator and bracket assembly installation. See Figure 11.
1. Tighten the (3) screws holding the actuator to the bracket all the way down.
 2. Bolt the bracket and latch back to the box using the original bolts. Be careful not to over tighten. See Figure 11.
- h. Plug the actuator connector into the main saddle box wire harness. See Figure 11.

Figure 11



- i. Install the new locks with switches and wire harnesses attached. Use the original locking clips and gasket to fasten the locks in place. See Figure 12.

Figure 12



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V. Installing QuickDraw System Module

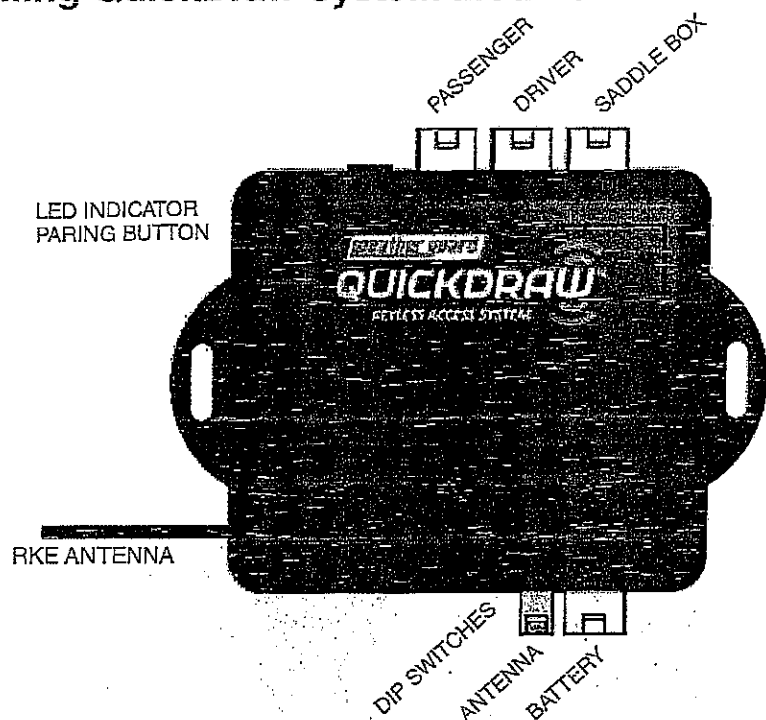


Figure 13

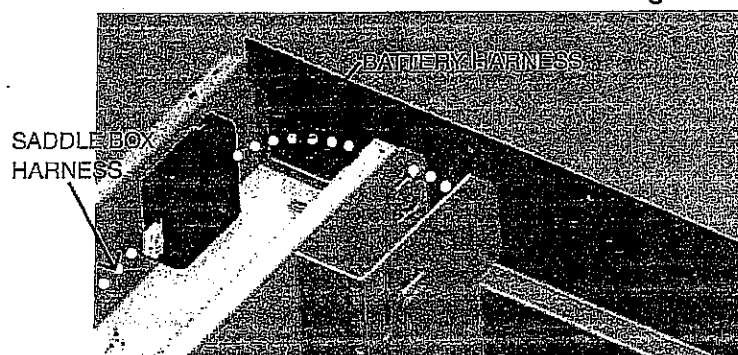


Figure 14

a. Connect lock switch with saddle box harness

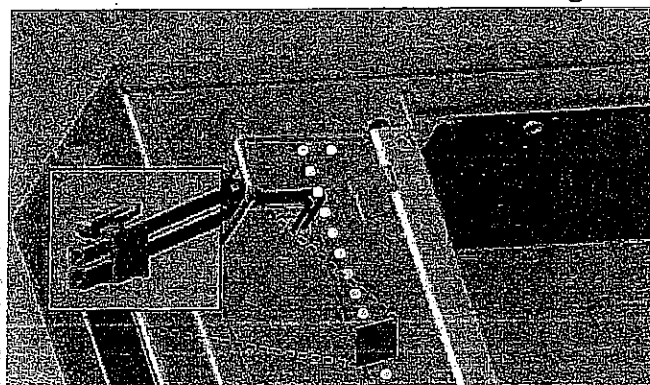


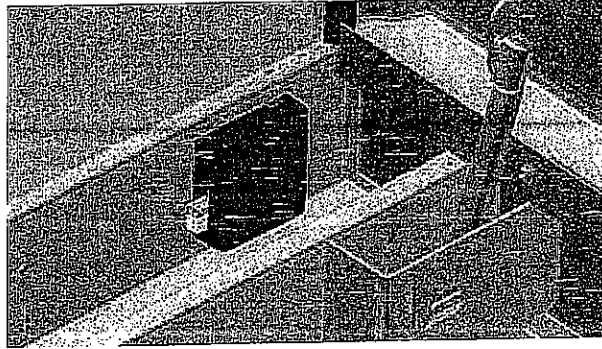
Figure 15

Saddle Box

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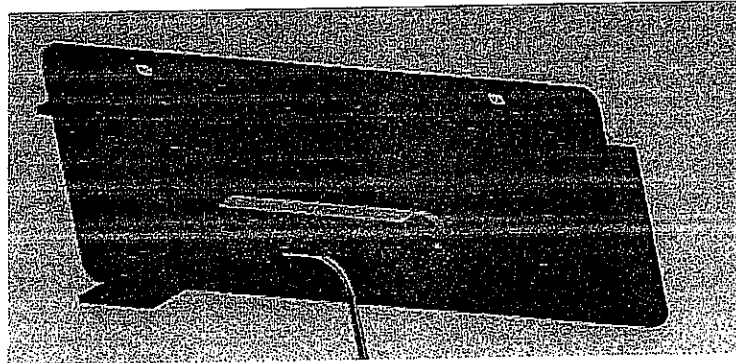
- b. Place the QuickDraw system module on the driver side of the box, but do not fasten in place. See Figure 16.

Figure 16



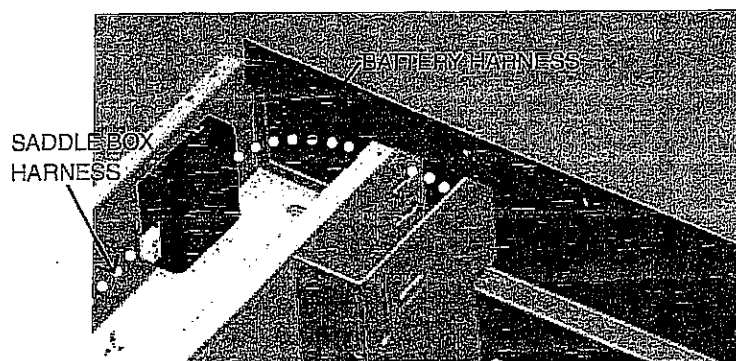
- c. Plug the saddle box harness into the system module using the four (4) pin connector. Plug into the connector labeled saddle box per system module diagram.
- d. Using locking rod cover plate (removed in step a.) from the driver side end of the box, attach the antenna to the center of the cover plate using small velcro disks (supplied) Figure 17. Run the antenna wire parallel to the saddle box harness and plug the (2) pin connector into the system module as shown in Figure 13.

Figure 17



- e. Attach the (4) pin connector on the battery harness to the system module and feed the other end of the harness out of the box through the hole in the box partition, down the inside of the gas strut guard and exit the box through the 12v access grommet hole located on the driver side end of the box. See Figure 18. Run the harness to the truck battery and cut to length. Crimp the proper size ring terminal to each wire and apply heat to the insulation to shrink tight to the wires. Attach the red wire to the positive battery terminal and the black wire to the negative battery terminal.

Figure 18



VI. System Check

Testing the QuickDraw Remote (FOB)

The QuickDraw starter kit comes complete with 1 FOB, which is pre-programmed to the System module included. If additional FOBs are desired for the system, please see "FOB programming."

a. Test 1: Proximity hands-free operation

1. Bring the QuickDraw remote into range (within 5ft of box).
2. Ensure truck box lid is closed and all push button locks are in locked position.
3. Test one of the QuickDraw proximity function by depressing and holding push button lock for approximately 2 seconds.
 - If truck box opens correctly, proceed to test push the other button lock. If both push button locks work correctly, proceed with test 2.
 - If truck box does not open correctly, double-check all electrical connections and repeat testing.

Saddle Box

USER INSTRUCTIONS

b. Test 2: Push Button Remote Operation

1. Ensure truck box lid is closed and all push button locks are in locked position, and QuickDraw FOB is within 100 ft of the truck.
2. Test QuickDraw push button remote function by depressing and holding button 1.
 - If truck box opens correctly, proceed with final installation steps. (Buttons 2 and 3 can be programmed for optional lo-side QuickDraw Boxes)
 - If truck box does not open correctly, double-check all electrical connections and repeat testing.



VII. Final Installation

- a. Use the two large velcro disks to attach the system module to the saddle box and use wire ties and adhesive squares to hold the wire harness in place where needed.

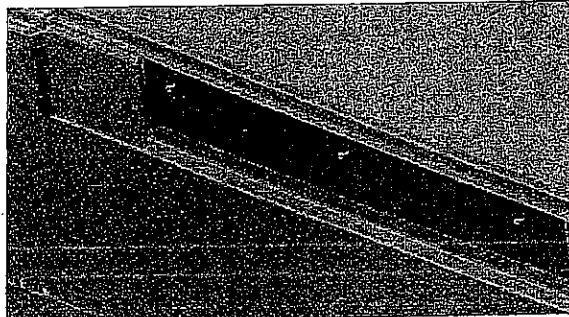
b. Install Wire Harness Cover

Measure and trim to fit as necessary. Fasten wire harness cover plate up and against the inside lip of the saddle box, using three of the self-tapping screws provided. See Figure 19. Tuck the wires between the ridges of the wire cover.

c. Install system module cover

- Coil excess wire harnesses neatly and tie together
- Put protective cover in place using slotted tabs as guides. Carefully tuck wiring underneath See Figure 20.
- Secure protective cover in place using self-tapping screws provided.

Figure 19



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- d. Replace both lock mechanism cover plates and both locking rod cover plates (driver side has antenna mounted to it.) See Figure 21

Figure 20

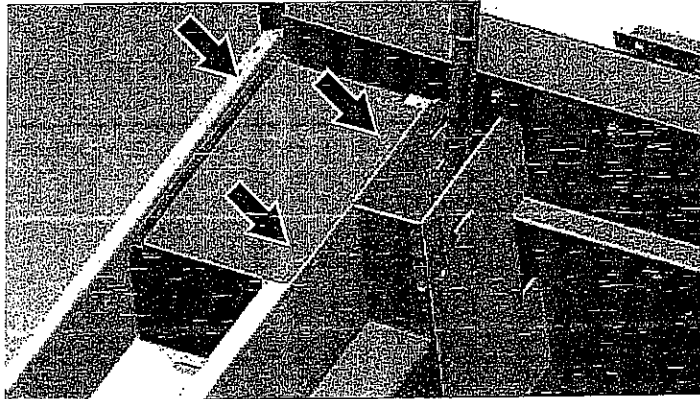
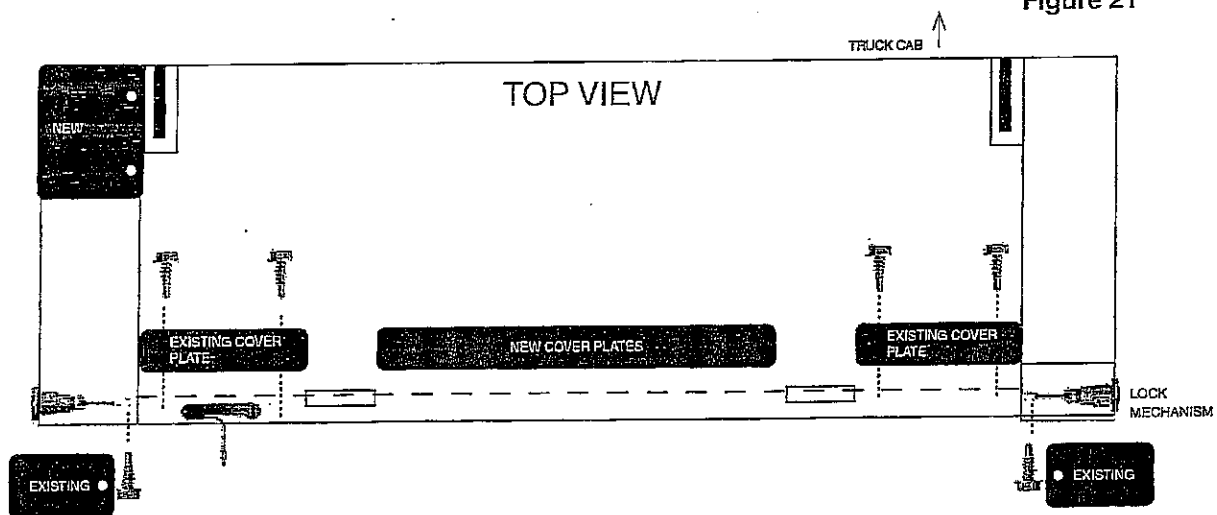


Figure 21



Saddle Box

USER INSTRUCTIONS

VIII. Operating Instructions for Remote Control (FOB)

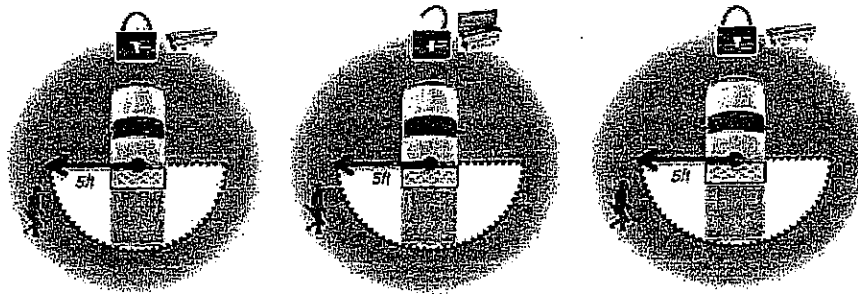
Your QuickDraw Remote comes equipped with dual-mode Functionality: PKE & RKE

a. Proximity Keyless Entry (PKE) "Hands-Free" Mode.

1. Directional Transmitter (inside truck box) communicates with FOB
2. Transmitter range has up to a 5 foot Range* from the saddle box
3. When box is in locked position, user can open box by depressing one of the extreme protection® lock buttons.



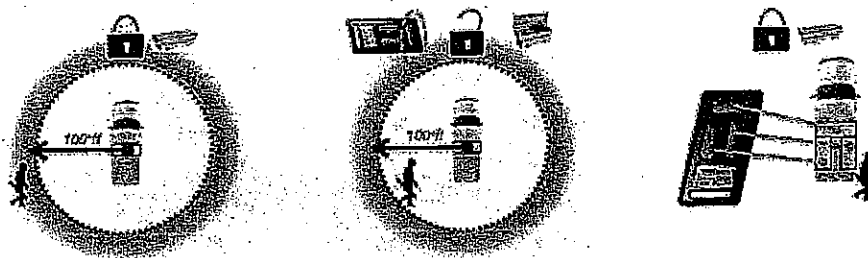
Figure 22



b. Remote Keyless Entry (RKE) "Remote Open" Mode

1. Remote FOB has 100+ foot range* from vehicle
 2. Button #1 is used to open the saddle box.
 3. Buttons 2 and 3 can be programmed to open optional lo-side boxes (boxes and quick draw kits sold separately).
- * To optimize signal strength keep the FOB from direct contact with cell phones and other similar items which can cause signal interference.

Figure 23



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IX. Pairing the FOB to the QuickDraw System

NOTE: FOB memory is cleared every time the system begins learning mode. In this case, all corresponding FOBs will need to be re-paired by following sequence below.

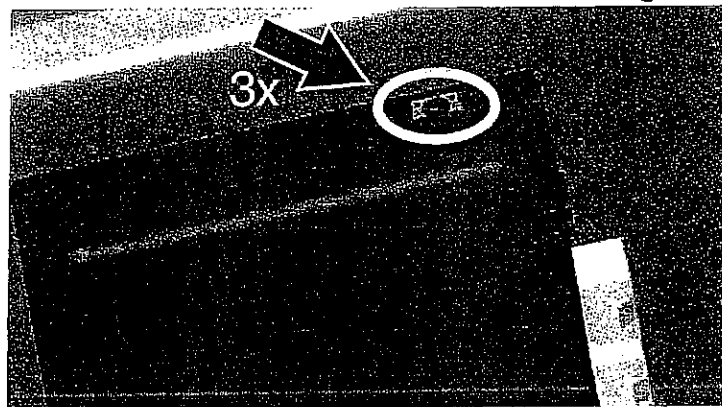
The QuickDraw FOB comes pre-paired to the system module. Re-pairing of the FOBs to the system module will be required in the following scenarios: When adding additional FOBs or if the module is accidentally put into learning mode.

- a. To program more than 3 FOBs (up to 10 total) see step d. (iv)
- b. Lost or stolen FOB (all systems FOBs must be re-paired at the same time) to program a FOB to the QuickDraw system:
 1. Ensure DIP switches are in correct position (Factory Settings):

Factory Settings				
DIP	1	2	3	4
Position	OFF	OFF	ON	OFF

2. Enter "Learning Mode" by locating and pressing the programming button 3x until red LED activates (see Figure 23)
4. Press Button 1 on the QuickDraw FOB, the LED indicator will flash and then remain solid
5. The FOB has now been paired
6. System will automatically exit Learning Mode within 30 seconds

Figure 23



- c. To pair multiple FOBs to QuickDraw system module:

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1. FOB 1: perform steps 1-4 above for first FOB
2. Fob 2 through 10: perform same steps 1-4 within 30 seconds of each other until all FOBs have been paired
3. System will automatically exit learning mode within 30 seconds

d. Additional features

The FOB buttons can be programmed to work in one of three ways:

1. Single press - Press FOB button once to open desired box
2. Double click - Press FOB button quickly twice
3. 3 second hold - Press and hold FOB button for 3 seconds

To program 1-3 FOBs, make sure DIP switches are in the following orientation:

Button Operation Options	Dip Positions			
	1	2	3	4
Single press (factory settings)	OFF	OFF	ON	OFF
Double-click	ON	OFF	ON	OFF
3 second hold	OFF	ON	ON	OFF

To program 4 or more FOBs (up to 10), make sure DIP switches are in the following orientation:

	Dip Positions			
	1	2	3	4
Single Press	OFF	OFF	OFF	OFF
Double-click	ON	OFF	OFF	OFF
3 second hold	OFF	ON	OFF	OFF



-NOTICE-

Any modification or unintended use of this product shall immediately void all manufacturers warranties. Manufacturer disclaims all liability for injuries to persons or property resulting from any modification to, or unintended use of this product.

WEATHER GUARD® LLC LIMITED LIFETIME WARRANTY FOR WEATHER GUARD® QUICKDRAW SYSTEM MODULE

WEATHER GUARD® Products – X Year Warranty

Knaack, LLC (the “manufacturer”) warrants to the original purchaser only that WEATHER GUARD® QuickDraw™ system (the WEATHERGUARD® Product) will be free from defects in material and workmanship from the date of installation and continuing for 3 years. A copy of the original sales receipt must be supplied to the Manufacturer at the time a warranty claim is made. This warranty terminates if the original purchaser transfers the WEATHER GUARD® Product to any other person.

What is Covered

QuickDraw™ module

What We Will Do to Correct Problems

Subject to the limitations and exclusions described in this limited warranty. The Manufacturer will remedy defects in material or workmanship by providing one of the following remedies at its option without charge to the original purchaser for parts or labor. (a) Repairing the defective portion of the WEATHER GUARD® Product or (b) replacing the entire WEATHER GUARD® Product. In addition, the manufacturer may elect at its option, not to repair or replace the WEATHER GUARD® Product, but rather issue to the original purchaser a refund equal to the purchase price paid for the WEATHER GUARD® Product or a credit to be used toward the purchase of new WEATHER GUARD® Product.

Installation: Must be performed by authorized Weather Guard Distributor/Installer

This limited warranty expressly excludes:

- Defects caused by normal wear and tear, cosmetic rust, scratches, accidents, unlawful vehicle operation, or modification to the product, or any types of repair of a WEATHER GUARD® Product other than those authorized or Provided by the Manufacturer.
- Defects resulting from conditions beyond the Manufacturer's control including, but not limited to misuse, overloading, or failure to assemble, mount or use the WEATHER GUARD® Product in accordance with the Manufacture's written instructions or guidelines included with the WEATHER GUARD® Product or made available to the original purchaser.
- TO THE EXTENT PERMITTED BY LAW, IN NO EVENT SHALL THE MANUFACTURER BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING ANY ECONOMIC LOSS, WHETHER RESULTING FROM NONPERFORMANCE, USE, MISUSE OR INABILITY TO USE THE WEATHER GUARD® PRODUCT OR THE MANUFACTURER'S NEGLIGENCE.

No Other Express Warranty Applies.

This Limited Lifetime Warranty is the sol and exclusive warranty for WEATHER GUARD® QuickDraw™. No employee, agent, dealer, or other person is authorized to after this warranty or make any other warranty on behalf of Knaack LLC.

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USER INSTRUCTIONS

Notification Procedures

If the WEATHER GUARD® Product does not conform with the terms of this limited warranty, the original owner must promptly notify the Manufacturer in writing upon discover of the nonconformity. In order to receive the remedies under this limited warranty, the warranty claim must describe the nature of the nonconformity, and a copy of the original sales receipt, invoice, bill or other proof of purchase must accompany the claim. Repairs or modifications made to the WEATHER GUARD® Product by other than the Manufacturer or its authorized agent will nullify this limited warranty. Coverage under this limited warranty is conditioned at all times upon the owner's compliance with these required notification and repair procedures. Warranty claims must include reciprocal contact information and may be made via certified mail to:

Knaack LLC
ATTN: Warranty Claims
420 E. Tera Cotta Avenue
Crystal Lake, IL 60014

If you have any questions please, call toll free at 1-800-456-7856.

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NOTES

This image shows a single page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or printed text on the page.

KnaackLLC
ATTN:Warranty Claims
420 E. Terra Cotta Avenue Crystal Lake, IL 60014
www.knaack.com

If you have any questions, please call toll free at 1-800-456-7856.
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