

# QuadraTop® Wall Mount Door Hanger Bracket

Installation Manual: For CJ, Wrangler & Gladiator #12020-5100 & #12020-5101

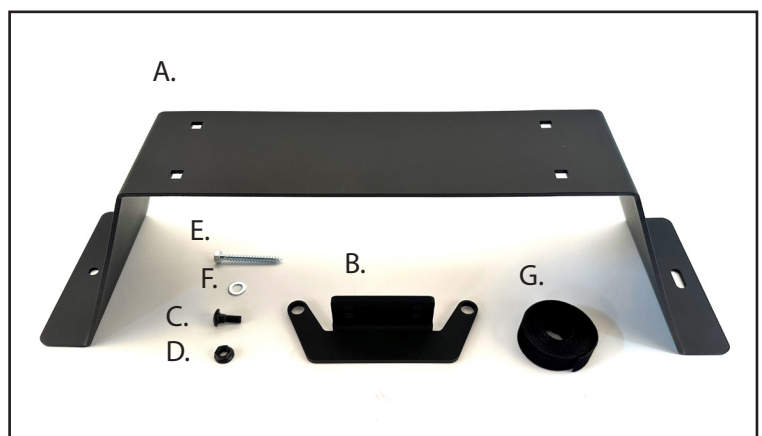


## KIT CONTENTS LIST FOR #12020-5100:

- A. Base Plate (x1)
- B. Door Pin Bracket (x2)
- C. Carriage Bolt M8-1.25x20mm (x4)
- D. Serrated Flange Head Nut M8-1.25 (x4)
- E. 5/16" x 2.5" Lag Screw (x2)
- F. 5/16 Flat Washer (x2)
- G. Hook and Loop Strap 60" (x1)

## KIT CONTENTS LIST FOR #12020-5101:

- A. Base Plate (x2)
- B. Door Pin Bracket (x4)
- C. Carriage Bolt M8-1.25x20mm (x8)
- D. Serrated Flange Head Nut M8-1.25 (x8)
- E. 5/16" x 2.5" Lag Screw (x4)
- F. 5/16 Flat Washer (x4)
- G. Hook and Loop Strap 60" (x2)



## REQUIRED TOOLS LIST:

- Safety Glasses
- Gloves
- Tape measure
- Ruler
- Pencil
- Stud Finder
- Small Bubble level
- Large Finish Nail
- Multifunction Wall Scanner or Stud Finder
- Carpentry Hammer
- Painter's Tape
- Drill
- 9/64" Drill Bit
- 3/8" Socket
- 1/2" Socket
- 13MM Socket
- Ratchet
- Non-Contact Voltage Tester

**A FEW WORDS ABOUT PRODUCT SAFETY:**

Your QuadraTop Wall Mount Door Hanger Bracket is intended to enhance the versatility and enjoyment of your vehicle and to help preserve your investment. Before assembly and use, please review the following safety and assembly information. Throughout these instructions important safety information is generally preceded by one of the three signal words indicating the relative risk of injury, property damage or adverse consequence.

The signal words mean:

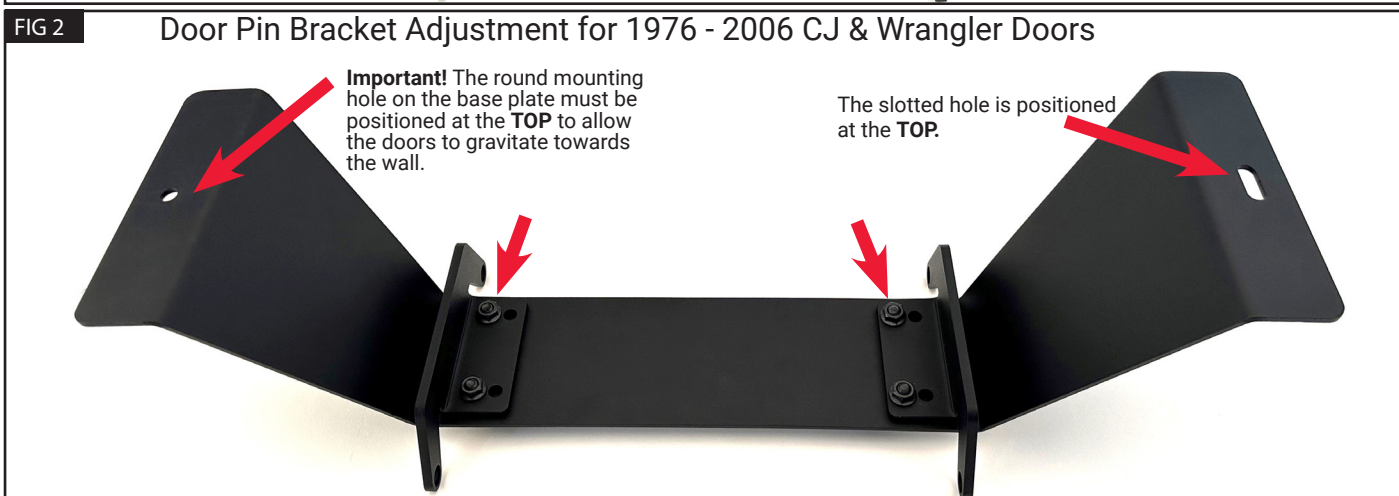
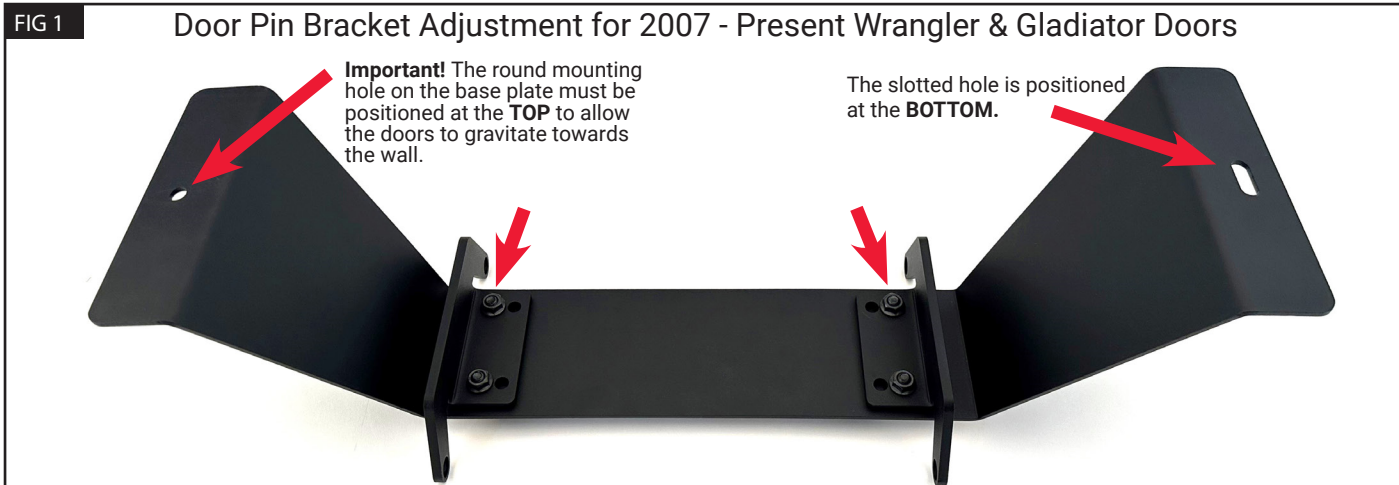
<b>⚠ WARNING ⚠</b>	A HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN DEATH OR SERIOUS INJURY. YOU CAN BE KILLED OR SERIOUSLY HURT IF YOU DON'T FOLLOW INSTRUCTIONS.
<b>⚠ CAUTION ⚠</b>	A HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN A MINOR OR MODERATE INJURY. YOU CAN BE MODERATELY HURT AND ALSO MAY SUFFER PROPERTY DAMAGE IF YOU DON'T FOLLOW INSTRUCTIONS.
<b>NOTICE</b>	CAREFUL ATTENTION IS REQUIRED TO THIS INSTRUCTION OR OPERATION BUT DOES GENERALLY NOT RELATE TO PERSONAL INJURY. DAMAGE TO YOUR QUADRATOP® PRODUCT OR OTHER PROPERTY MAY RESULT IF YOU DON'T FOLLOW INSTRUCTIONS.

**BEFORE YOU BEGIN INSTALLATION:**

Congratulations on your purchase of QuadraTop® Wall Mount Door Hanger Bracket for your Jeep® CJ, Wrangler or Gladiator. This custom Hanger has been designed for protection, long life, and great looks. When unpacking, check to make sure all parts are included and not damaged due to shipping. If any part is missing or broken, please call Customer Service at: 800-745-6037 as soon as possible. Thank you again for your purchase now, let's start the installation process!

<b>⚠ WARNING ⚠</b>	TO REDUCE RISK OF SERIOUS INJURY FROM FALL HAZARD, ALWAYS USE TWO OR MORE PEOPLE FOR INSTALLATION. NEVER ATTEMPT INSTALLATION WITHOUT ASSISTANCE.
<b>⚠ CAUTION ⚠</b>	READ ALL SAFETY MESSAGES AND ALWAYS WEAR SAFETY GLASSES WHEN WORKING WITH TOOLS.
<b>⚠ CAUTION ⚠</b>	COMPONENTS MAY HAVE SHARP EDGES, GLOVES MUST BE WORN AT ALL TIMES WHILE INSTALLING OR MAINTAINING THIS PRODUCT. DO NOT USE IF DAMAGED.

**STEP 1 - ASSEMBLING THE DOOR HANGER BRACKET**

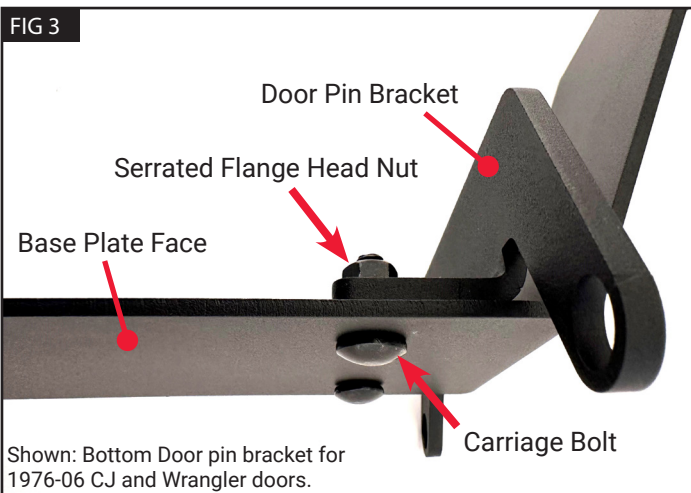


Put on Gloves and Safety Glasses. Depending on your Jeep model year, there are two different adjustments for the door pin brackets. See (FIG 1 & 2).

<b>NOTICE</b>	THE ROUND MOUNTING HOLE ON THE BASE PLATE MUST BE POSITIONED AT THE TOP TO ALLOW THE DOORS TO GRAVITAT TOWARDS THE MOUNTING WALL.
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## STEP 2 - ASSEMBLING THE DOOR PIN BRACKETS TO BASE PLATE

FIG 3



After determining the proper door pin bracket adjustment outlined in STEP 1, fasten both door pin brackets to the base plate by inserting two M8-1.25x20mm carriage bolts through the base plate face and each door pin bracket and secure each bracket with two M8-1.25 serrated flange head nuts. (FIG 3) Tighten all four (4) serrated flange head nuts using a socket wrench with a 13mm socket.

## STEP 3 - WALL SPACE AND CONSTRUCTION REQUIREMENTS FOR THE DOOR HANGER BRACKET

The QuadraTop Door Storage Hanger bracket must be lag bolted to a single wooden wall stud. This kit only supplies the necessary fasteners and instructions to install the Door Storage Hanger to a typical 1.5" wide (or wider) wooden wall stud. To mount the Door Storage Hanger to a masonry wall such as brick, stone, concrete or cinder block, consult a licensed building contractor for proper fastening and installation. The wall surface must have ½" thick sheetrock or plywood. Do NOT mount the door hanger bracket to a bare stud. Doing so, will create an unsafe installation and possible failure.

**Mounting Height.** The recommended Door Storage Hanger installation height is 45" from to floor to the top mounting fastener. If necessary, the Door Storage Hanger may be mounted as low as 28" from to floor to the top mounting fastener.

**Wall span requirements for Front Doors.** The Door Storage Hanger **with a mounted FRONT pair of doors** will measure 82" across. You will need 41" of usable wall space to both the left and right of center of the selected mounting stud. (FIG 4)

**Wall span requirements for Rear Doors.** The Door Storage Hanger **with a mounted REAR pair of doors** will measure 66" across. You will need 33" of usable wall space to both the left and right of center of the selected mounting stud. (FIG 5)



**WARNING**

DO NOT SCREW INTO METAL STUDS. THEY ARE NOT INTENDED TO ACCEPT FASTENERS. CONSULT STUD MANUFACTURER MAKER FOR RECOMMENDATIONS. SCREWING INTO METAL STUDS MAY CONSIDERABLY WEAKEN SYSTEM, CAUSING LOAD TO FALL AND CAUSE AN ACCIDENT.

FIG 4

82 Inches



FIG 5

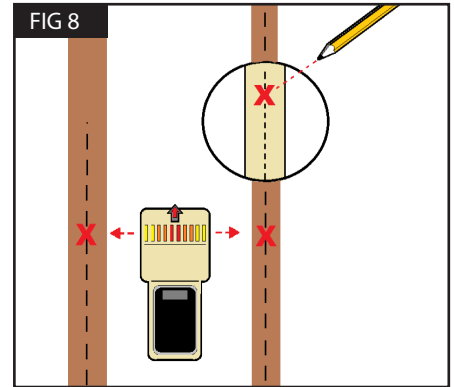
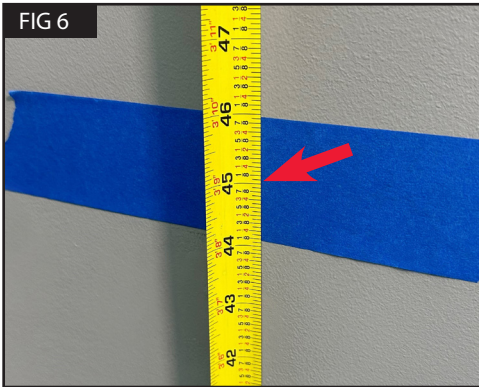
66 Inches



## ⚠️ WARNING ⚠️

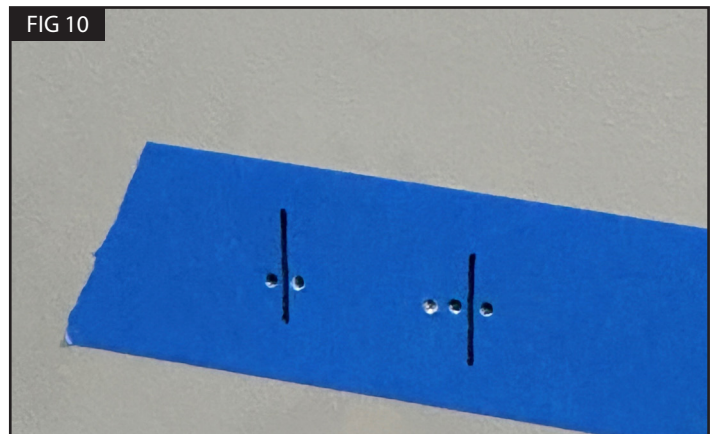
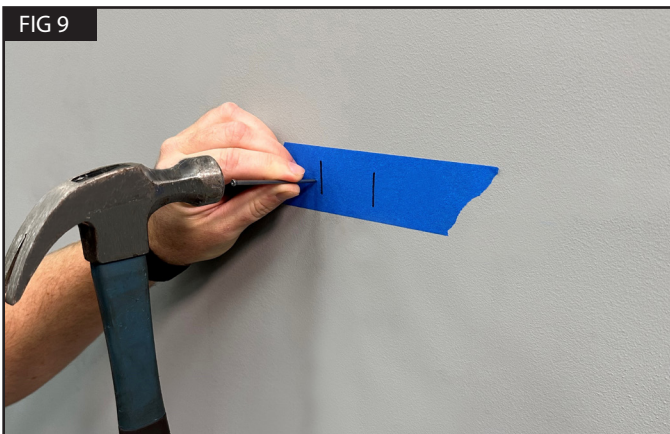
DANGER TO REDUCE THE RISK OF SERIOUS OR FATAL INJURY FROM FIRE, EXPLOSION, OR ELECTROCUTION, TURN OFF ALL GAS, ELECTRICAL AND WATER CONNECTIONS PRIOR TO PERFORMING ANY WORK. USE A CIRCUIT TESTER TO MAKE SURE POWER IS OFF. IF NECESSARY, HAVE THE WORK DONE BY A QUALIFIED SERVICE PROFESSIONAL.

### STEP 4 - MOUNTING THE DOOR HANGER ASSEMBLY TO THE WALL



Using a section of painter's tape place a segment of tape approximately 45 inches above the floor across a known stud location. (FIG 6) Next using an electronic stud finder, locate the edges of the wall stud that will accommodate the Wall Space Requirements outlined in STEP 3. (FIG 7) Find the stud edges using the stud finder and make pencil markings for the stud. (FIG 7)

### STEP 5 - ALTERNATE METHOD OF DETERMINING CENTER OF STUD



To verify the center point of the stud, use a large finish nail (about 3" long) to locate the exact left and right edges of the wall stud (FIG 9). Drive the nail through the drywall before and after the penciled edge marks of the stud to determine the exact edges of the stud. Mark the center of the stud between nail marks with a bold vertical line that crosses the horizontal height line (FIG 11).

**Note:** Standard wall studs are 1.5" wide.

## STEP 6

FIG 12



FIG 13

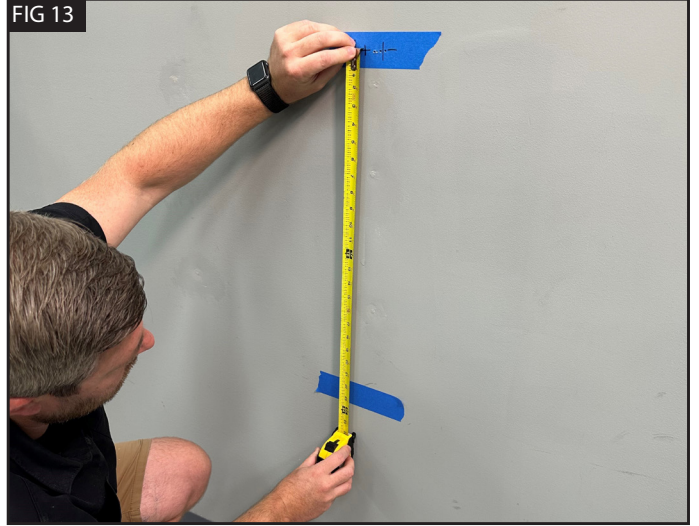


FIG 14



Measure 22-3/16" down from the TOP mounting hole mark and make a horizontal line across the stud location. (FIG 13) Apply more painter's tape to this area to avoid marking directly onto your walls. Using a bubble level, align the top mounting hole and mark the center point of the bottom hole using the bubble level. (FIG 14)

## STEP 7

FIG 15



FIG 16



Next, using a 9/64" drill bit, drill a 2.5" deep pilot hole for the top lag screw only. (FIG 15) Secure the bracket with one 5/16" x 2.5" lag screw into the stud. (FIG 16) **Note:** Do not drill the bottom pilot hole at this time.

## STEP 8

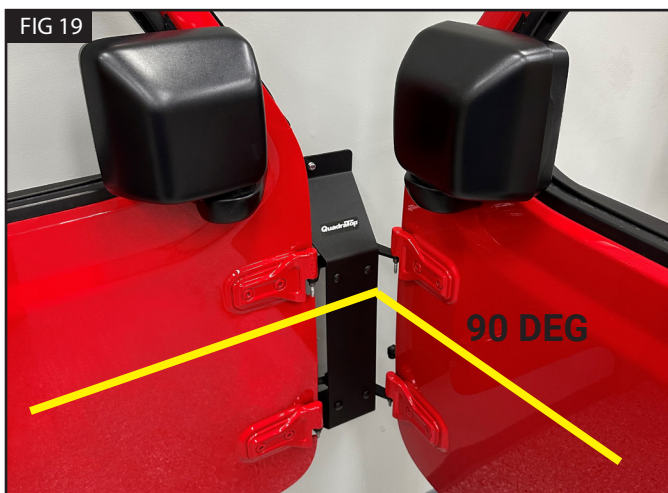


Center the bracket vertically with the stud using the bubble level along the side of the bracket. (FIG 17) Now drill the bottom lag screw pilot hole in the center of the slotted bracket hole at the base. Secure the bracket with another 5/16" x 2.5" lag screw into the stud. (FIG 18).

### NOTICE

The Door Storage Hanger bracket must be lag bolted to a wood wall stud. This kit only supplies the necessary fasteners and instructions to install the assembly to typical 1.5" wide (or wider) wooden stud. To mount the Door Storage Hanger to masonry walls such as brick or cinder block, consult a licensed building contractor for proper fastening and installation. Wall requirements. The door hanger with a pair of FRONT doors mounted will measure 81" across. A pair of REAR doors mounted will measure 66" across. The recommended hanger bracket installation height is 45" from to floor to the top mounting fastener. If necessary, the door hanger may be mounted as low as 28" from to floor to the top mounting fastener.

## STEP 8



Roll the door windows **DOWN** and fold the side view mirrors inward before removing doors (if applicable). Follow vehicle manufacturer's door removal instructions if available. Doors should be removed at a 90° angle to the body. Place doors onto the bracket at a 90° angle. (FIG 19) An assistant is recommended to lift each door as they are removed from the vehicle and placed onto the Door Hanger Bracket. Once both doors are properly positioned onto the bracket, secure the doors to each other with the Hook & Loop Cinch Strap (G) to prevent the doors from swinging outward. (FIG 20)

### ⚠ CAUTION ⚠

COMPONENTS MAY HAVE SHARP EDGES, EXTREME CARE NEEDS TO BE TAKEN TO AVOID INJURY OR DAMAGE TO DOOR COMPONENTS AND PAINT DURING USE AND INSTALLATION

# **QuadraTop**® Exclusive Three Year Limited Warranty

Your QuadraTop® branded accessories are covered by the following Limited Warranty provided exclusively by QuadraTop, Inc., 1028 Saunders Lane, West Chester PA 19380.

This Limited Warranty is the only warranty made in connection with your purchase. QuadraTop neither assumes nor authorizes any vendor, retailer or other person or entity to assume for it any other obligation or liability in connection with this product or Limited Warranty. This Limited Warranty does not apply and is not cumulative to any accessory or part distributed by QuadraTop for which the Manufacturer provides a separate written warranty.

#### What is Covered:

Subject to the terms, exclusions and limitations herein and with respect only to QuadraTop branded accessories first sold in the United States, QuadraTop warrants to the initial retail purchaser only that your QuadraTop accessory shall be free of defects in material and workmanship: for a period of three (3) years from date of retail purchase.

This Limited Warranty is not assignable and shall terminate upon sale of the vehicle upon which the QuadraTop accessory is installed or other transfer to third persons.

All other warranties are hereby disclaimed, except to the extent prohibited by applicable law in which case any implied warranty of merchantability or fitness for a particular purpose on this product is limited to three (3) years from date of initial retail sale. QuadraTop reserves the rights to: (a.) require invoice or other proof your accessory is within the terms of this Limited Warranty as a condition of warranty service and, (b.) make future revisions to this product and Limited Warranty without prior notice or obligation to upgrade your product.

#### What is Not Covered:

Your QuadraTop Limited Warranty does not cover products or parts QuadraTop determines to have been damaged by or subjected to: (a.) installation damage, alteration, modification, combination with other parts, failure to maintain or improper repair or service, (b.) normal wear & tear, cosmetic damage or damage from moisture or water immersion, (c.) Acts of God, accidents, misuse, negligence, inadequate mounting or impact with vehicle(s), obstacles or other aspects of the environment, (d.) theft, vandalism or other intentional damage.

#### Remedy Limited to Repair/Replacement:

The exclusive remedy provided hereunder shall, upon QuadraTop inspection and at our option, be either repair or replacement of product or parts (new or refurbished) covered under this Limited Warranty. Customers requesting warranty consideration should first contact QuadraTop to obtain a RGA number (610-701-3336). All labor, removal, shipping and installation costs are customer's responsibility.

#### Other Limitations - Exclusion of Damages - Your Rights Under State Law:

In consideration of the purchase price paid, neither QuadraTop nor any independent QuadraTop distributor/licensee are responsible for any time loss, rental costs, or for any incidental, consequential, punitive or other damages you may have or incur in connection with any part or product purchased. Your exclusive remedy hereunder for covered parts is repair/replacement as described above.

This Limited Warranty gives you specific rights. You may also have other rights that vary from state to state.

For example, some states do not allow limitations of how long an implied warranty lasts and /or do not allow the exclusion or limitation of incidental or consequential damages, so the limitations and exclusions herein may not apply to you.

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