

## INEOS GRENADIER UNIVERSAL SIDE KICK

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# ASSEMBLY / INSTALLATION INSTRUCTIONS:

## PART NUMBERS:

00-GUSKA-1832

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## TOOLS REQUIRED

- TORQUE WRENCH
- T30 TORX BIT SOCKET
- T40 TORX BIT SOCKET
- 14MM SOCKET

## INSTALLATION TIME

1 HOUR

BASIC KNOWLEDGE OF HAND TOOLS REQUIRED

## SKILL LEVEL



2= NOVICE

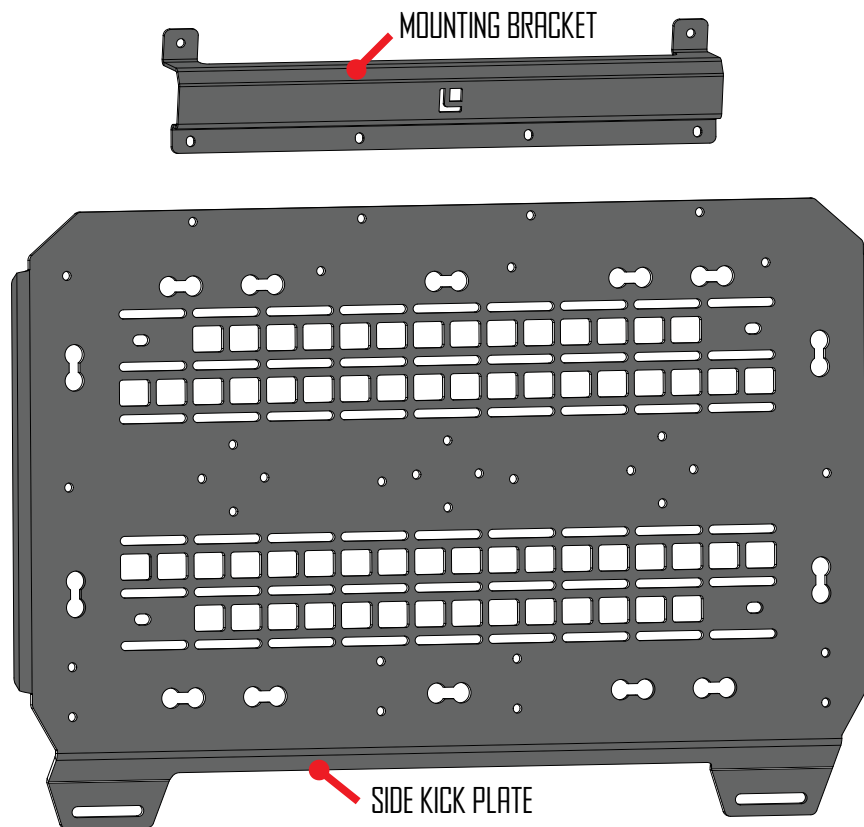
## ▼ READ BEFORE INSTALLING SIDE KICK ▼

1. DON'T OVER-TIGHTEN BOLTS. ALL 8MM BOLTS = (16FT-LB)

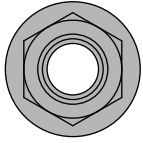
2. LAY DOWN A LARGE AREA OF CARPET OR BLANKETS AS A WORK AREA TO AVOID SCRATCHING PARTS DURING ASSEMBLY.

3. ALTHOUGH THE SIDE KICK IS LIGHT HAVING A FRIEND TO HELP IS RECOMMENDED.

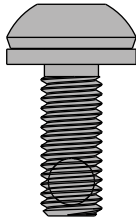
## ▼ ASSEMBLY OVERVIEW ▼



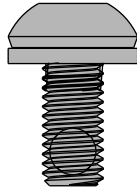
## ▼ SIDEKICK HARDWARE ▼



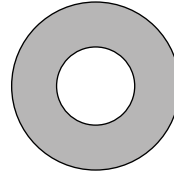
M8 LOCKNUT  
(X4)



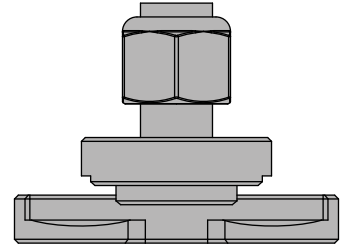
M8 X 20  
(X4)



M8 X 14  
(X2)



WASHER  
(X2)

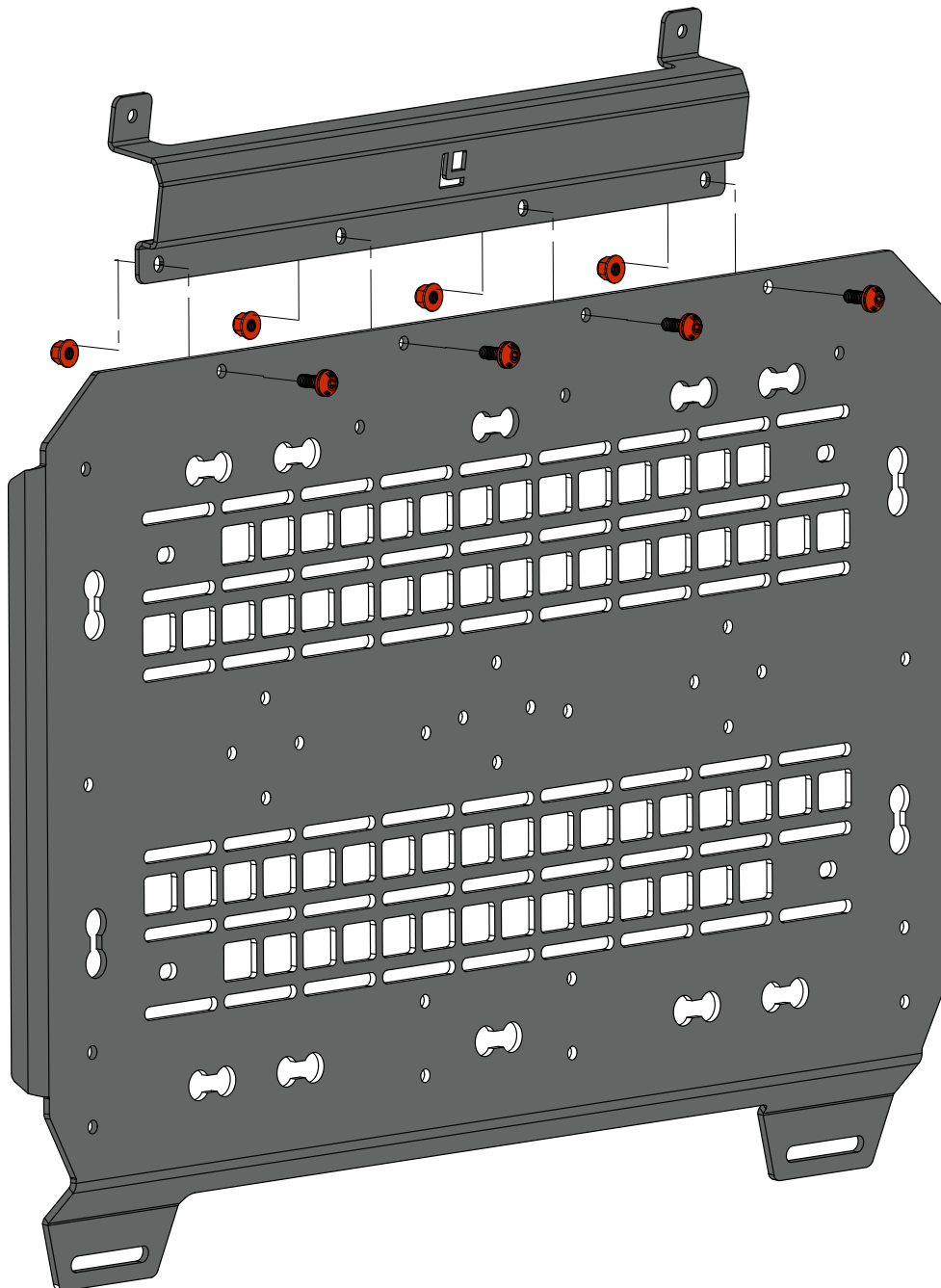


L-TRACK STUD  
(X2)

# INSTALL: MOUNTING BRACKETS

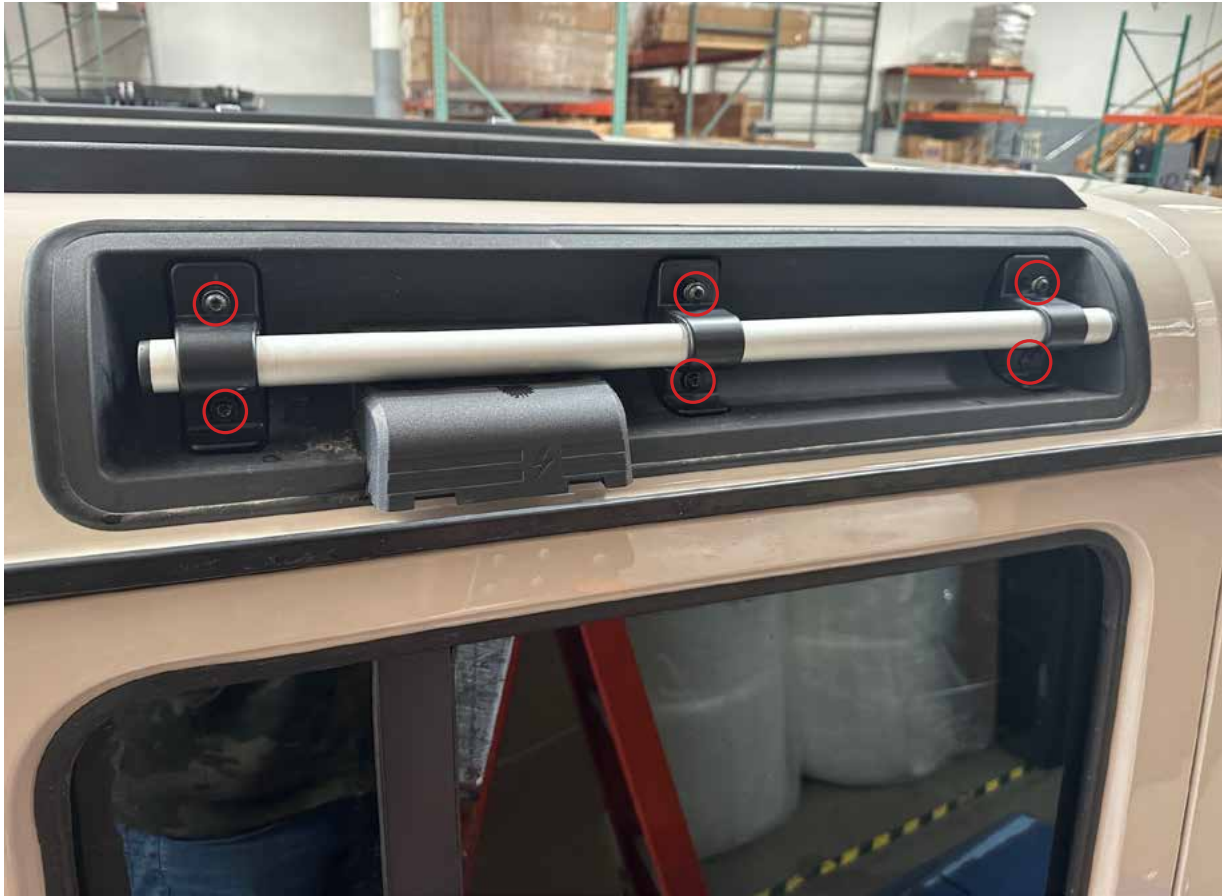
• USING 4 M8 X 20 SCREWS AND 4 M8 LOCKNUTS ATTACH THE MOUNTING PLATE TO THE SIDE KICK PLATE AS SHOWN BELOW.

• **NOTE: THE MOUNTING PLATE GOES BEHIND THE ALUMINUM SIDE KICK PANNEL.**



# REMOVE: HAND RAILS AND BRACKETS

- REMOVE REAR MOST HAND RAIL BRACKETS USING A T30 WRENCH. THERE IS A TOTAL OF 3 BRACKETS AND 6 SCREWS.



# INSTALL: MOUNTING BRACKETS ON GRAB HANDLE TUBE

- REMOVE THE TWO FACTORY END BRACKETS AND INSTALL LEITNER MOUNTING BRACKETS AS SHOWN IN IMAGE BELOW.
- MAKE SURE TAB ON CENTER FACTORY BRACKET IS ORIENTATED DOWN. (RED ARROW)



# INSTALL: MOUNTING BRACKETS

- INSTALL ASSEMBLY IN FACTORY POSITION USING THE 6 FACTORY BOLTS REMOVED PREVIOUSLY USING A T30 TORX WRENCH. RED CIRCLES
- SNUG DOWN SET SCREWS USING A 3MM ALLEN WRENCH. GREEN CIRCLES



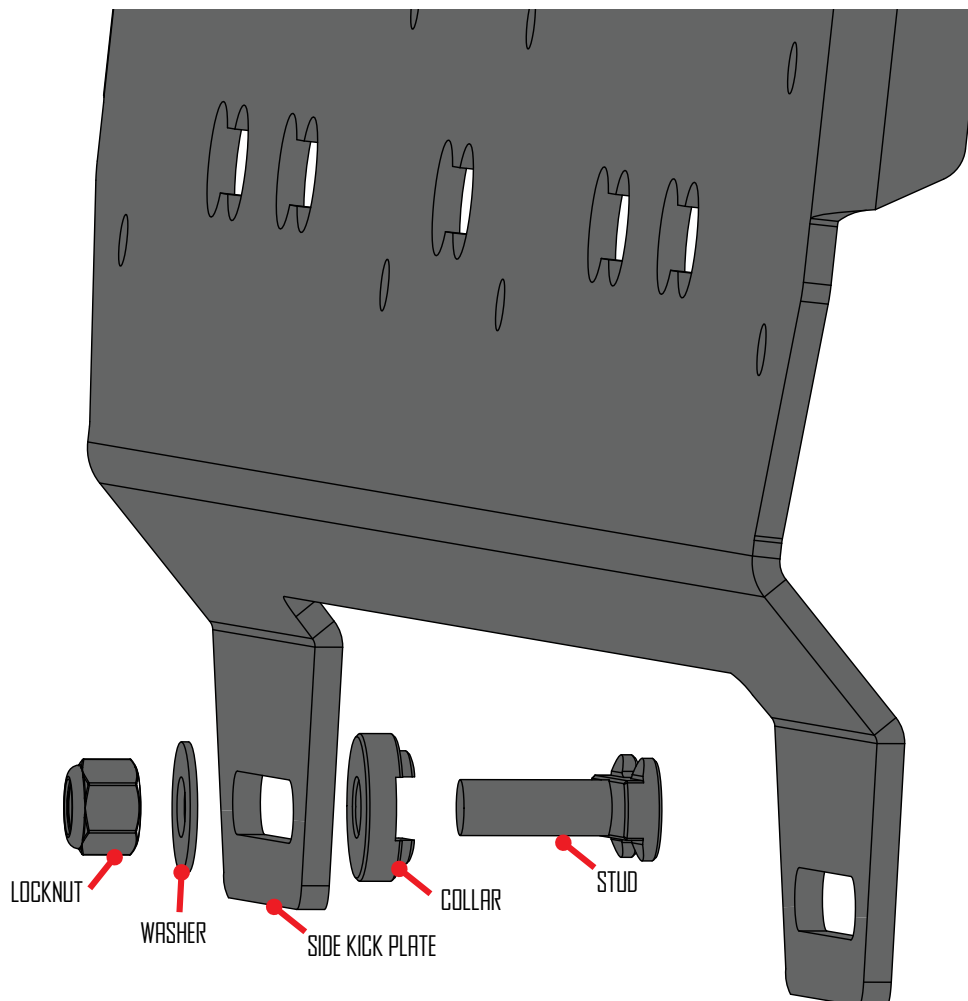
# INSTALL: SIDE KICK PANNEL

- USING TWO M8 X 14 BOLTS INSTALL SIDEKICK PANNEL TO SUPPLIED BILLET BRACKETS. **DO NOT FULLY TIGHTEN AT THIS TIME.**



# INSTALL: T-TRACK STUDS

- INSTALL THE T-TRACK STUDS INTO THE RAIL AND LINE UP WITH THE OVAL SLOTS IN THE SIDE KICK PANEL. THE PANEL WILL FLEX OUT OF THE WAY SO YOU CAN INSTALL THE STUDS.
- MAKE SURE THE COLLAR ON THE STUD IS **BEHIND** THE SIDE KICK PLATE AND THAT THE FLANGE LINE UP PERFECTLY WITH THE HOLE IN THE L-TRACK
- TIGHTEN TOP M8 BOLTS FIRST THEN TIGHTEN L-TRACK STUD USING INCLUDED WASHER.
- **TIGHTENING THE STUD WHEN IT IS NOT ALIGNED WILL CAUSE DAMAGE TO THE L-TRACK.**



# USE GUIDELINES

WHEN USING LEITNER DESIGNS CARRIERS AND ACCESSORIES, THE USER MUST UNDERSTAND THE PRECAUTIONS. THE POINTS LISTED BELOW WILL ASSIST YOU IN USING THE RACK SYSTEM AND WILL ENCOURAGE SAFETY.

- FOR QUALITY FITS AND SAFETY, USE ONLY THE RECOMMENDED RACK OR ACCESSORIES. DO NOT ASSUME A RACK WILL FIT, ALWAYS CHECK THE CURRENT FIT GUIDE WHEN OBTAINING A NEW VEHICLE.

- THE MAXIMUM LOAD IS NOT TO BE EXCEEDED. (150# OFF ROAD – 300# ON ROAD). HOWEVER, **THIS LIMIT IS ALWAYS SUBORDINATE TO THE MAXIMUM LOAD RECOMMENDED BY THE MANUFACTURER OF THE VEHICLE ITSELF.** IT IS ALWAYS THE LOWER MAXIMUM RECOMMENDED LOAD THAT APPLIES. MAX TRUCK LOAD = LOAD CARRIER WEIGHT + ANY FITTED CARRIER ACCESSORIES + THE WEIGHT OF THE LOAD ITSELF.

- HIGH SPEED OFF ROAD DRIVING EVEN WITH A LIGHT LOAD CAN CAUSE DAMAGE TO THE RACK, ACCESSORIES AND VEHICLE BODY. DAMAGE CAUSED BY HIGH SPEED DRIVING AND ABUSE IS NOT COVERED UNDER WARRANTY.

- MAKE SURE ALL KNOBS, BOLTS, SCREWS, STRAPS, AND LOCKS ARE FIRMLY ATTACHED, TIGHTENED AND LOCKED BEFORE EVERY TRIP. KNOBS, BOLTS, SCREWS, STRAPS AND LOCKS MUST BE PERIODICALLY INSPECTED FOR SIGNS OF WEAR, CORROSION, AND FATIGUE. CHECK YOUR LOAD AT STOPS DURING THE TRIP TO ENSURE CONTINUED FASTENING SECURITY.

- CHECK LOCAL AND STATE LAWS GOVERNING PROJECTION OF OBJECTS BEYOND THE PERIMETER OF A VEHICLE. BE AWARE OF THE WIDTH AND HEIGHT OF YOUR CARGO SINCE LOW CLEARANCE BRANCHES, BRIDGES, AND PARKING GARAGES CAN AFFECT THE LOAD. ALL CARGO WILL AFFECT THE VEHICLE'S DRIVING BEHAVIOR. NEVER DRIVE WITH ANY LOCK, KNOB OR RACK IN AN OPEN OR UNLOCKED POSITION. ALL LONG LOADS SUCH AS, BUT NOT LIMITED TO, SAILBOARDS, SURFBOARDS, KAYAKS, CANOES, AND LUMBER MUST BE TIED DOWN FRONT AND REAR TO THE BUMPERS OR TOW HOOKS OF THE VEHICLE.

- ALL LOCKS MUST BE TURNED AND MOVED PERIODICALLY TO ENSURE SMOOTH OPERATION. USE GRAPHITE OR DRY LUBRICANT TO HELP THIS. LEITNER DESIGNS LOCKS ARE DESIGNED TO DETER VANDALISM AND THEFT BUT SHOULD NOT BE CONSIDERED THEFT PROOF. REMOVE VALUABLE GEAR IF YOUR VEHICLE IS UNATTENDED FOR AN EXTENDED PERIOD. PLACE AT LEAST ONE KEY IN THE GLOVE COMPARTMENT.

- FOR SAFETY TO YOUR VEHICLE AND RACK SYSTEM, OBEY ALL POSTED SPEED LIMITS AND TRAFFIC CAUTIONS. ADAPT YOUR SPEED TO THE CONDITIONS OF THE ROAD AND THE LOAD BEING CARRIED.

- DO NOT USE LEITNER DESIGNS LOAD CARRIERS AND ACCESSORIES FOR PURPOSES OTHER THAN THOSE FOR WHICH THEY WERE DESIGNED. DO NOT EXCEED THEIR CARRYING CAPACITY. FAILURE TO FOLLOW THESE GUIDELINES OR THE PRODUCT'S INSTRUCTIONS WILL VOID THE WARRANTY.

# WARRANTY

LEITNER DESIGNS WARRANTS PRODUCT TO BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP, FOR TERMS SPECIFIED BELOW, PROVIDED THERE HAS BEEN NORMAL USE AND PROPER MAINTENANCE. ALL REMEDIES UNDER THIS WARRANTY ARE LIMITED TO THE REPAIR OR REPLACEMENT OF ANY ITEM FOUND BY THE FACTORY TO BE DEFECTIVE WITHIN THE TIME PERIOD SPECIFIED. IF YOU HAVE A WARRANTY CLAIM, FIRST YOU MUST CALL OUR FACTORY AT THE NUMBER BELOW FOR INSTRUCTIONS. YOU MUST RETAIN PROOF OF PURCHASE AND SUBMIT A COPY WITH ANY ITEMS RETURNED FOR WARRANTY WORK. UPON COMPLETION OF WARRANTY WORK, IF ANY, WE WILL RETURN THE REPAIRED OR REPLACED ITEM OR ITEMS TO YOU FREIGHT PREPAID. DAMAGE TO OUR PRODUCTS CAUSED BY ACCIDENTS, FIRE, VANDALISM, NEGLIGENCE, MIS-INSTALLATION, MISUSE, ACTS OF GOD, OR BY DEFECTIVE PARTS NOT MANUFACTURED BY US, IS NOT COVERED UNDER THIS WARRANTY.

THE WARRANTY TIME PERIOD IS AS FOLLOWS: (2) TWO YEARS FROM DATE OF PURCHASE.

**HIGH SPEED OFF ROAD DRIVING EVEN WITH A LIGHT LOAD CAN CAUSE DAMAGE TO THE RACK, ACCESSORIES AND VEHICLE BODY. DAMAGE CAUSED BY HIGH SPEED OFF ROAD DRIVING AND ABUSE IS NOT COVERED UNDER WARRANTY.**

ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE CREATED HEREBY ARE LIMITED IN DURATION TO THE SAME DURATION AND SCOPE AS THE EXPRESS WRITTEN WARRANTY. OUR COMPANY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

FOR WARRANTY ISSUES WITH THIS PRODUCT PLEASE CALL LEITNER DESIGNS CUSTOMER SERVICE **949-395-3049** OR EMAIL US AT **[SALES@LEITNERDESIGNS.COM](mailto:SALES@LEITNERDESIGNS.COM)**