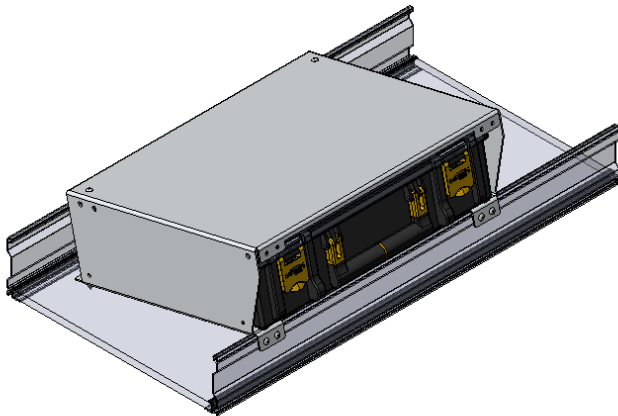
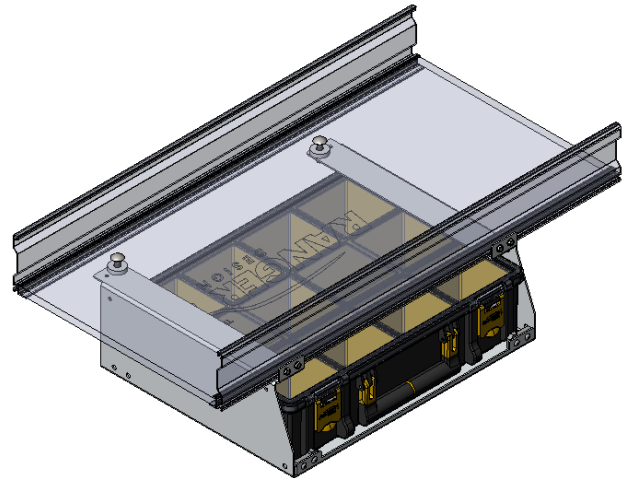


# INSTALLATION GUIDE

## ON-SHELF MOUNTING



## UNDER-SHELF MOUNTING



## 62-U5070 Partskeeper Carry Case (ALUMINUM)



Scan the QR for the latest Install-Guide.





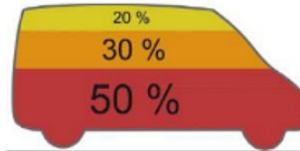
# BEFORE YOU BEGIN

READ, UNDERSTAND, AND FOLLOW ALL WARNINGS AND INSTRUCTIONS BEFORE USING THIS PRODUCT. FAILURE TO FOLLOW THESE DIRECTIONS MAY RESULT IN PROPERTY DAMAGE, SERIOUS BODILY INJURY, AND/OR DEATH. RANGER DESIGN IS NOT RESPONSIBLE FOR ANY PROPERTY DAMAGE, PERSONAL INJURY, OR DEATH THAT OCCURRED WHILE USING ANY RANGER DESIGN PRODUCTS.



## WARNING

- Failure to use Ranger Design-provided fasteners, brackets, and proper installation guidelines could increase risk of serious personal injury and/or death.
- If drilling is required to complete this installation: improper drilling can cause property damage to vehicles and could lead to electric shock, fire, or even death.
- If drilling is required to complete this installation: Ensure that drilling is only performed on areas of the vehicle allowed by the vehicle's Original Equipment Manufacturer's Body Builders Layout Book (or equivalent document).
- Prior to installation, inspect the vehicle to ensure that installation will not interfere with, or cause obstruction of, any critical components such as electrical wiring, fuel tanks, fuel-cells, locks, latches, etc.
- The installer or manufacturer is responsible for ensuring anchorages are installed onto suitable wall and floor structures; wall and floor strength must meet applicable performance requirements.
- Do not install systems into any weak or unsound materials such as plastics, woods, thin-walled metals, etc. without proper reinforcement.
- Do not install this product where it could interfere with the deployment of airbags. Failure to comply could result in death or serious injury.
- Do not install this product where it could ingress on the Transit Occupant Protection Zone. Failure to comply could result in death or serious injury.
- Incorrect installation could cause water leaks, electric shock or fire.
- Any cargo vehicle with any cargo or equipment should use a certified partition. See Ranger Design website for some partition options. (<https://rangerdesign.com/>)
- Mountings rails are recommended for any attachment to the vehicle walls.
- All items in the cargo area should be properly secured and partition doors closed while the vehicle is in motion.
- Check your vehicle's tare weight and remaining load capacity with all the equipment installed. Never exceed the maximum Gross Vehicle Weight Rating (GVWR), Gross Axle Weight Ratings (GAWRs), or other maximum loads permitted by the vehicle's Original Equipment Manufacturer (OEM) and required by law.
- The heaviest items must be placed towards the bottom of the vehicle, while the lightest ones can be arranged upwards. Vehicle cargo loading weight proportion should follow the following guidelines:



- The final alterer and/ or modifier should review the warning sheet with the customer before the vehicle is released to the customer or for general use. These instructions should remain with the vehicles a all times.
- Any modification or unintended use of this product voids any warranty and could create a hazardous condition.
- Ranger Design provides recommended assembly and installation instructions which should be followed to ensure correct operation. Failure to do so could result in invalidating the product's compliance, warranty and cause injury. Notwithstanding, the final stage vehicle alterer and/or modifier is responsible for the integration, installation, and compliance of the product in its final location to all applicable regulations and standards. Failure to maintain compliance of the vehicle to applicable regulations and standards could be punishable by law. Alterers and/or modifiers should consult with all local authorities prior to commissioning.



## CAUTION

- Drilling is required to complete this installation. Before drilling, ensure that you will not hit any critical parts of the vehicle like the gas tank, wiring harness, or hose. Consult the vehicle OEM documentation as necessary. When drilling, use a drill collar to reduce the risk of damage to the vehicle.
- Any materials, padding, or glazing installed in the vehicle must comply with FMVSS/CMVSS 201/205/302, as applicable.
- In the event of a motor vehicle accident or collision where a Ranger system has been installed, especially ones where the vehicle structure is damaged and/or the air bags deploy and/or the vehicle has been towed, the system must be inspected to ensure continued soundness and safety before returning the vehicle to service. Damaged components should be replaced as necessary.
- All system components should be regularly inspected, cleaned, and maintained pursuant to Ranger guidelines.

# QUICK START GUIDE

## Phase 1 - Assembly

- 1.1 Setup..... 4

## Phase 2 - Installation

- 2.1 On-shelf Install..... 6
- 2.2 Under -shelf Install..... 7

# REQUIRED ITEMS

- Ratchet
- Marker
- Cordless Drill
- Cordless Impact
- Rivet Gun
- 1/2" Wrench
- 1/2" Socket
- 1/2" Drill Bit
- 3/16" Drill Bit
- 5/16" Drill Bit
- 5/16" Socket

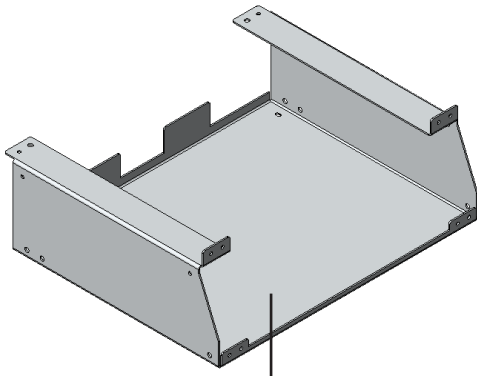


**1**  
**PERSON**

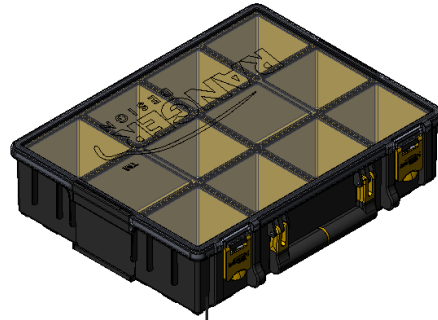
# PHASE 1 – ASSEMBLY

## 1.1 SETUP

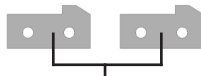
1.1.1 Unpack components; compare with the bill of materials.



50-700



62-U5079



50-701

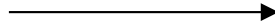
1.1.2 Verify all parts are present.

### BILL OF MATERIALS

| Item No. | Description              | Qty. |
|----------|--------------------------|------|
| 50-700   | Partskeeper Holder       | 1    |
| 50-701   | Slide For Parskeeper     | 2    |
| 62-U5079 | Plastic Partskeeper Case | 1    |
| 94-5011  | Assembly Fastener Kit    | 1    |
| 96-5011  | Install Fastener Kit     | 1    |

1.1.3 Fastener kits.

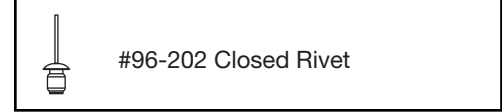
**94 - 5011 Fastener Kit**



**Fastener Assembly**

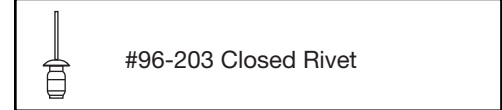
2x  # 96-202 Closed Rivet  
3/16" x 1/4"  
ALUM/STEEL

2x FOR ANOTHER 50-700

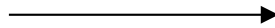


4x  # 96-203 Closed Rivet  
3/16" x 3/8"  
ALUM/STEEL

4x FOR INVERTED INSTALL



**96 - 5011 Fastener Kit**



**Fastener Assembly**

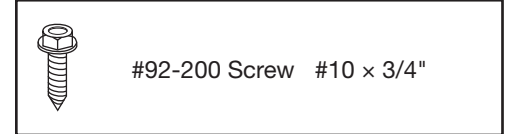
2x  # 90-212 Bolt Hex Head  
5/16"-18 x 1 - 1/4"  
GR-5 Zinc

4x FOR ON-SHELF INSTALL



4x  # 92-200 Screw HFH  
#10 - 16 x 3/4"  
ZINC

4x FOR UNDER SHELF INSTALL

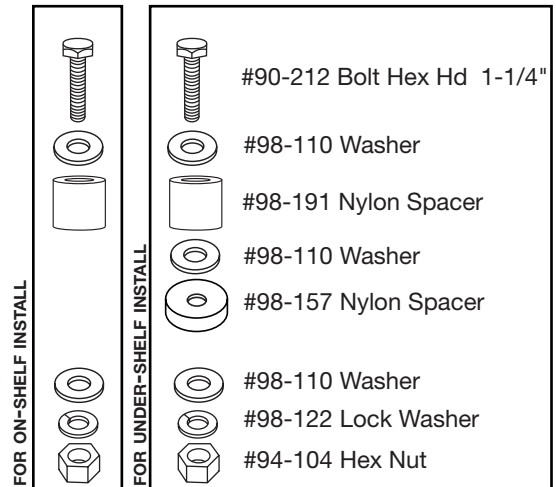


2x  # 94-104 Nut Hex  
5/16"-18  
ZINC

4x  # 96-202 Closed Rivet  
3/16" x 1/4"  
ALUM/STEEL

2x

2x



6x  # 98-110 Washer Flat  
SAE 5/16" ZINC

2x  # 98-122 Washer Lock  
Spring Regular  
5/16" ZINC

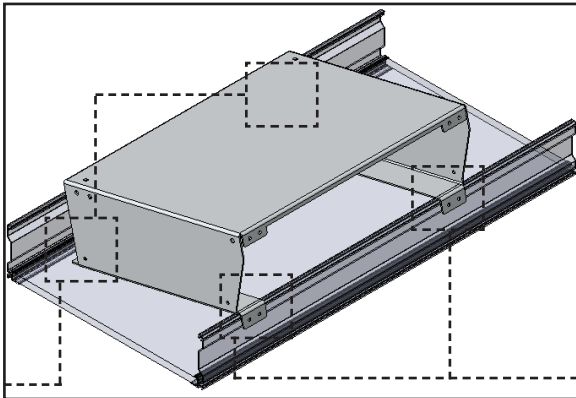
2x  # 98-157 Spacer  
0.375" ID, x 1.0" OD x 0.25" LONG  
NYLON

2x  # 98-191 Spacer NYLON  
0.318" ID, x 15-32" OD x 3/8" LONG

# PHASE 2 – INSTALL

## 2.1 OVER-SHELF INSTALL

- 2.1.1** • Place the partskeeper holder on top of 14" deep shelf or deeper.  
 • Mark the holes from the partskeeper holder to the shelf extrusion, then drill the mark using 3/16" drill bit.

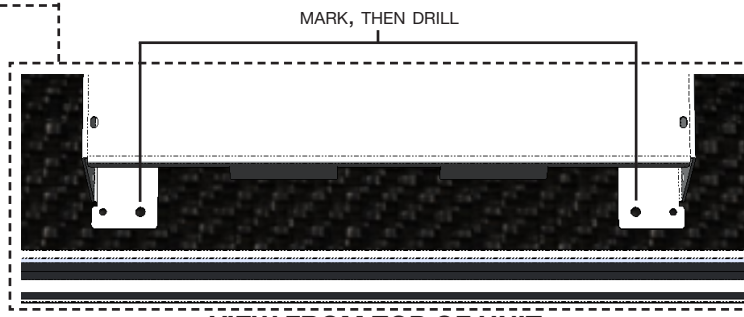


**TOOLS**

- Cordless Drill
- Marker
- 3/16" Drill Bit

MARK, THEN DRILL

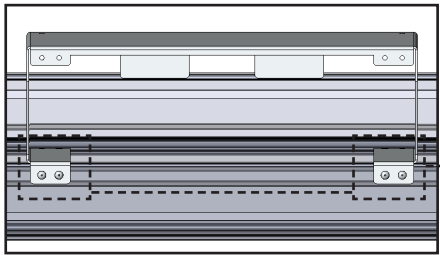
- 2.1.2** • Mark the holes from the partskeeper holder to the shelf panel, then drill the marks.



| FOR WOOD SHELF   | FOR COMPOSITE SHELF   |
|--|---|
| <p><b>TOOLS</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Cordless Drill</li> <li><input type="checkbox"/> Marker</li> <li><input type="checkbox"/> 5/16" Drill Bit</li> </ul> | <p><b>TOOLS</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Cordless Drill</li> <li><input type="checkbox"/> Marker</li> <li><input type="checkbox"/> 1/2" Drill Bit</li> </ul> |

VIEW FROM TOP OF UNIT

- 2.1.3** • Install the partskeeper holder to the shelf tray by riveting and bolting the partskeeper holder.  
 • After installing the partskeeper holder slide the partskeeper case inside the partskeeper holder.



**TOOLS**

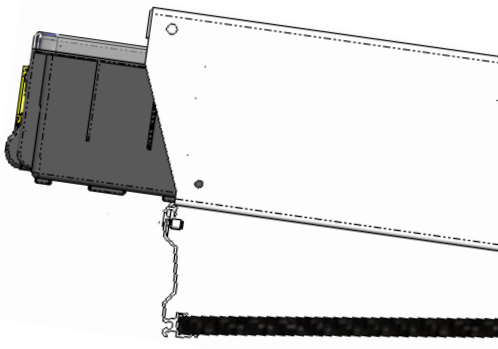
- Rivet Gun

**HARDWARE USED**

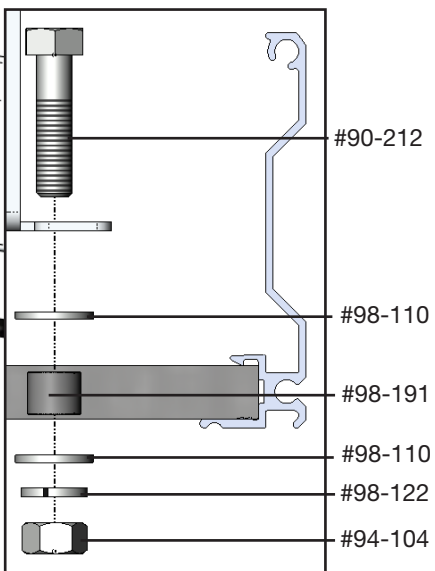
**4x** FROM 96-5011

#96-202 Closed Rivet

|    |          |
|----|----------|
|    |          |
| M8 | 10-12 Nm |



**NOTE:** Do not use the nylon spacer (98-191) for Plywood install.



**TOOLS**

- Rivet Gun
- 1/2" Socket
- Ratchet
- 1/2" Wrench

**HARDWARE USED**

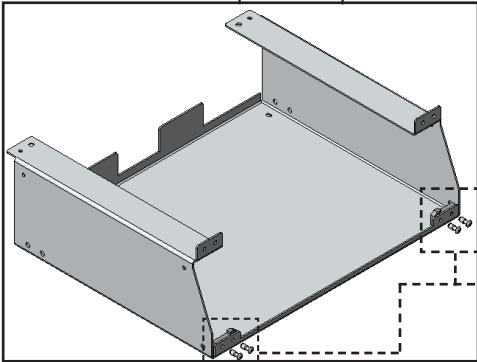
**2x** FROM 96-5011

- #90-212 Bolt Hex Hd 1-1/4"
- #98-110 Washer
- #98-191 Nylon Spacer
- #98-110 Washer
- #98-122 Lock Washer
- #94-104 Hex Nut

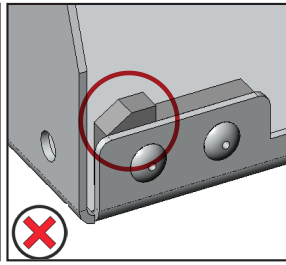
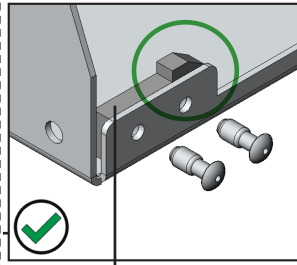
# PHASE 2 – INSTALL

## 2.2 UNDER-SHELF INSTALL

2.2.1 • Attach the partskeeper slider to the partskeeper holder.



**NOTE:** The 50-701 should point toward the inside of the unit.



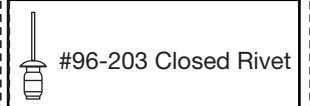
50-701

**TOOLS**

- Rivet Gun

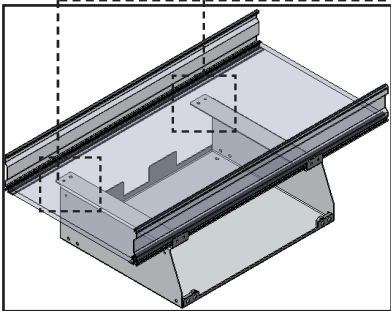
**HARDWARE USED**

4x 94-5011

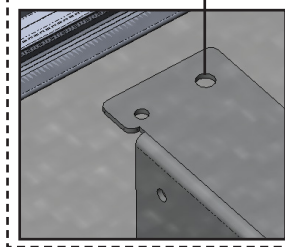


2.2.2 • Place the partskeeper holder under the 14" deep shelf or deeper.

- Mark the holes from the partskeeper holder to the shelf tray, then drill the marks.



MARK, THEN DRILL



**FOR WOOD SHELF**

**TOOLS**

- Cordless Drill
- Marker
- 5/16" Drill Bit

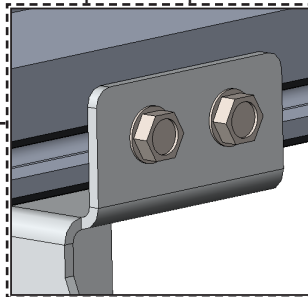
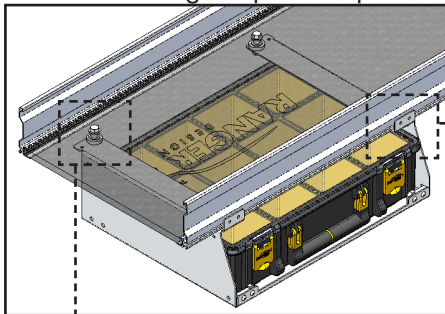
**FOR COMPOSITE SHELF**

**TOOLS**

- Cordless Drill
- Marker
- 1/2" Drill Bit

2.2.3 • Install the partskeeper holder to the shelf tray by screwing and bolting partskeeper holder to the shelf tray.

- After installing the partskeeper holder slide the partskeeper case inside the partskeeper holder.

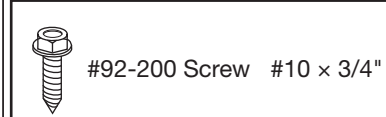


**TOOLS**

- Cordless Impact
- 5/16" Socket

**HARDWARE USED**

4x 96-5011 FRONT

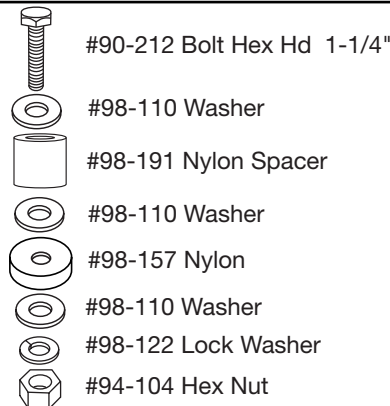


**TOOLS**

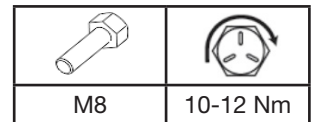
- Ratchet
- 1/2" Wrench
- 1/2" Socket

**HARDWARE USED**

2x 96-5011 BACK



**NOTE:** Do not use the nylon spacer (98-191) for Plywood install.



**“You have successfully installed your 62-U5070  
Thank you for doing business with us.”**