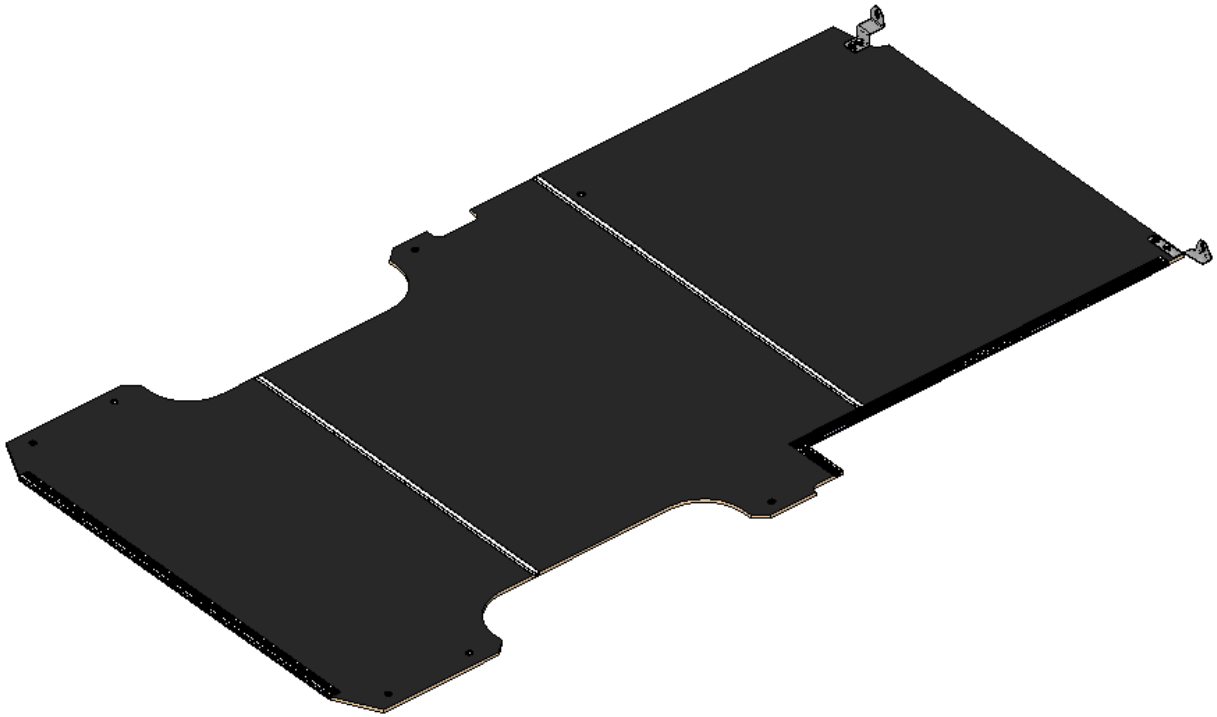


INSTALLATION GUIDE



6541-DR FLOOR

Sprinter (144" Wheelbase)



Scan the QR code for digital
Install-Guide.



WARNING

Before the installation, carefully read the supplied installation guide to avoid possible injuries and damages resulting from incorrect installation. Always keep the installation guide in an accessible location at all times for reference during installation.

Installers must always wear appropriate safety gear during installation. This may include but is not limited to gloves, steel toed shoes, and safety glasses.

It is the installer’s responsibility to ensure the install is safe and secure. For further questions please contact us at 1-800-565-5321.

Phase 1 - Assembly

❑ 1.1 Setup.....	3 - 4
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Phase 2 - Installation

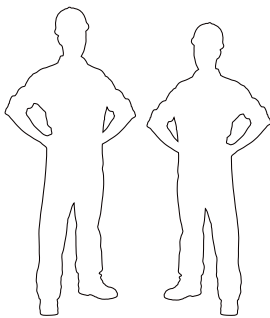
❑ 2.1 Install Preparation.....	5
❑ 2.2 Floor Installation.....	5 - 9

Phase 3 - Add-ons

❑ 3.1 Typical Unit Installation.....	9
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REQUIRED ITEMS

- ❑ Tape Measure
- ❑ Rubber Mallet
- ❑ Hex Key 13mm
- ❑ Hex Key 5mm
- ❑ Torx Key T45
- ❑ Socket 1/2"
- ❑ Wrench 1/2"
- ❑ Drill
- ❑ Drill Stop Collar
- ❑ Drill Bit 7/16"
- ❑ Marker

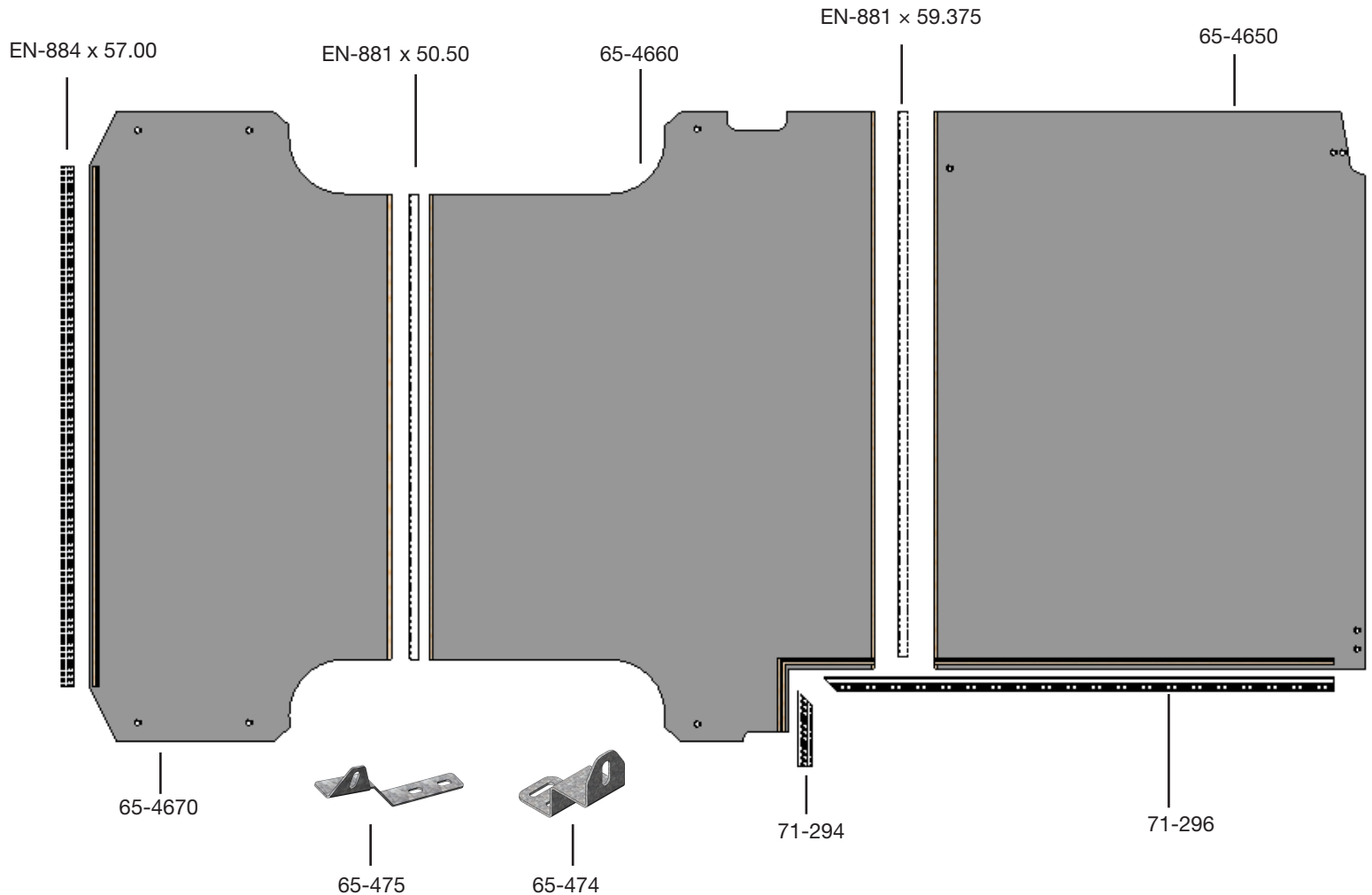


2
PERSONS

PHASE 1 – ASSEMBLY

1.1 SETUP

1.1.1 Unpack components; compare with the bill of materials.



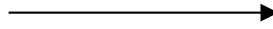
1.1.2 Verify all parts are present.

BILL OF MATERIALS

Item No.	Description	Qty.
65-4650	Sprinter E-Floor Front Panel	1
65-4660	Sprinter E-Floor Middle Panel	1
65-4670	Sprinter E-Floor Rear Panel	1
65-474	Sprinter E-Floor B-Pillar Bracket, DS	1
65-475	Sprinter E-Floor B-Pillar Bracket, PS	1
71-294	Floor Sill Extrusion, 8.29" W/ One 45 DEG Cut	1
71-296	Floor Sill Extrusion, 55.69" W/ One 45 DEG Cut	1
EN-844 x 57.00	57" Floor Sil Extrusion	1
EN-881 x 50.50	I-Beam Extrusion 51"	1
EN-881 x 59.375	I-Beam Extrusion 59.375"	1
96-9500	Fastener Kit	1
94-6506	Assembly Fastener Kit	1

1.1.3 Fastener kits.

96-6500 Fastener Kit



Fastener Install

- 30x  # 90-204 Hex Bolt 5/16"-18 x 3/4" ZINC
- 30x  # 99-114 Wood Inserts 5/16"-18 x 13mm ZINC

30x



#90-204 Hex Bolt 5/16" x 3/4"



#99-114 Wood Inserts 5/16"x13mm

94-6506 Fastener Kit



Fastener Install

- 9x  # 90-022 Button Head Torx M8-1.25 x 40mm ZINC
- 2x  # 90-017 Guide Pin M8-1.25 x 20mm
- 7x  # 98-157 Spacer 0.375" ID, 1" OD, 0.313" Thick Nylon
- 4x  # 90-204 Hex Bolt 5/16"-18 x 3/4" ZINC
- 4x  # 98-122 Lock Washer 5/16" ZINC
- 13x  # 98-116 Flat Washer 5/16" x 18 ZINC
- 4x  # 99-114 Wood Inserts 5/16"-18 x 13mm ZINC

7x



#90-022 Button Head Torx M8-1.125" x 40mm



#98-169 Flat Washer



#98-157 Nylon Spacer

2x



#90-022 Button Head Torx M8-1.125" x 40mm



#98-169 Flat Washer

4x



#90-204 Hex Bolt 5/16" x 3/4"



#98-122 Lock Washer



#98-116 Flat Washer

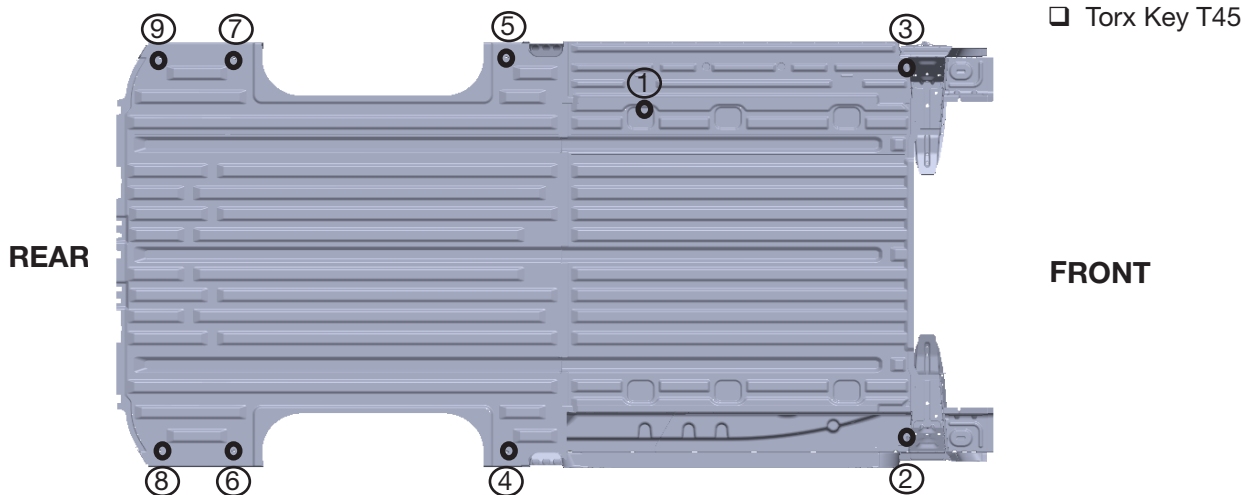


#99-114 Wood Inserts 5/16"x13mm

PHASE 2 – INSTALLATION

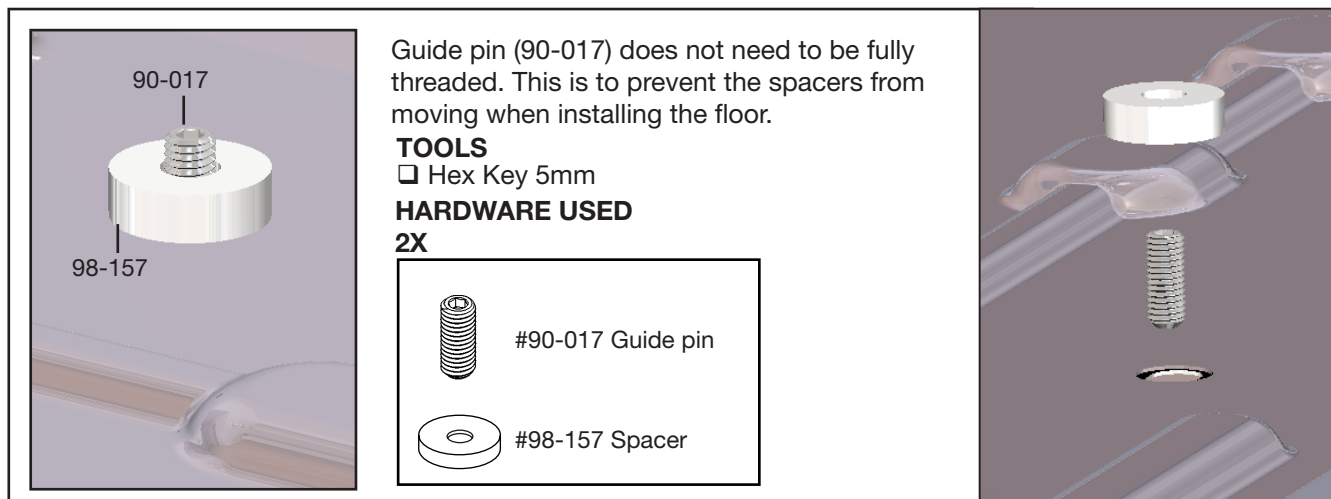
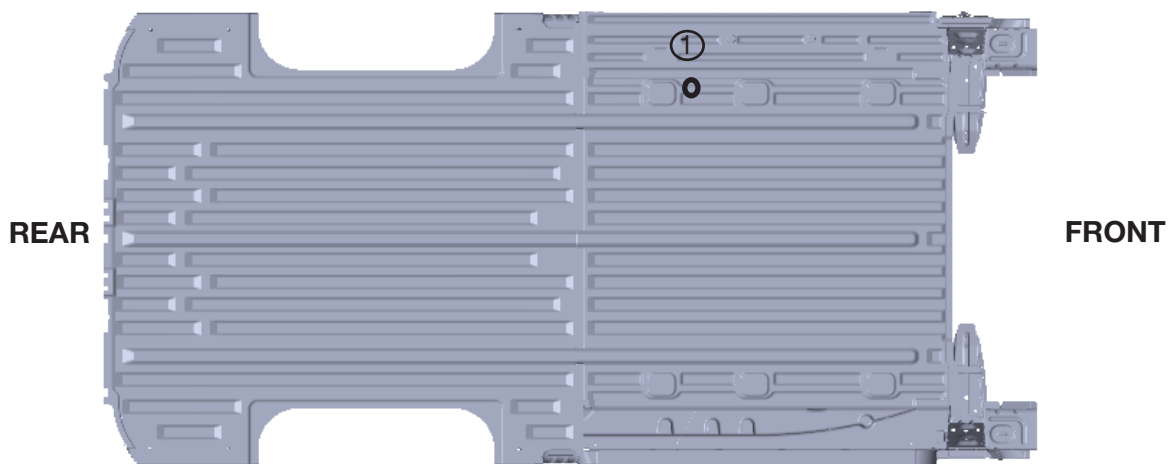
2.1 INSTALL PREPARATION

2.1.1 Remove all the D-rings and set aside for future setps.

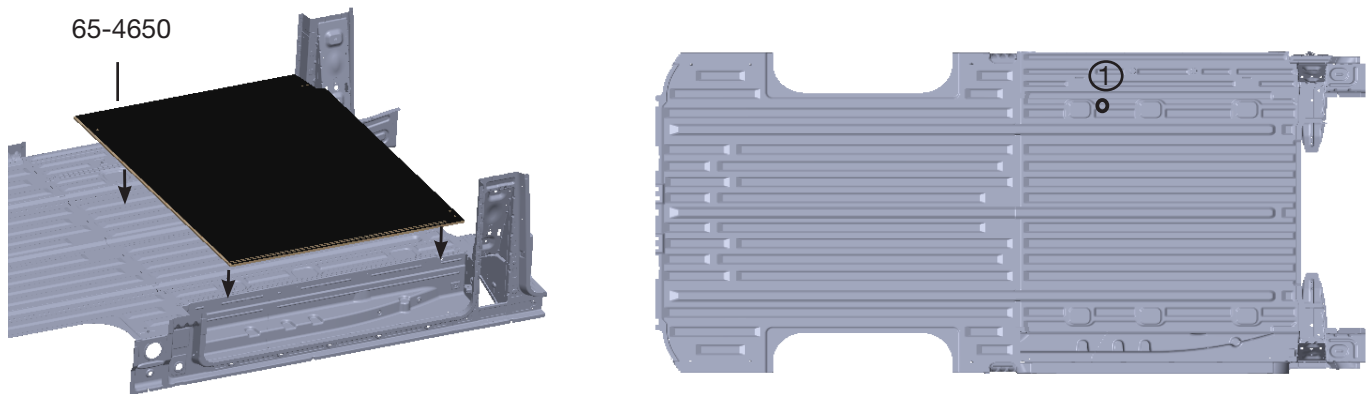


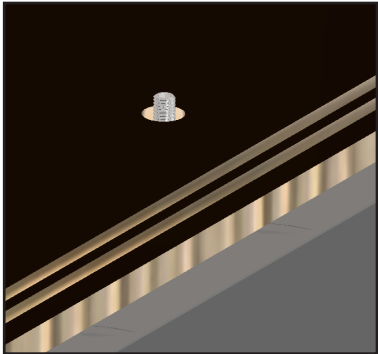
2.2 FLOOR INSTALLATION

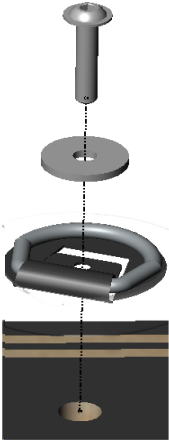
2.2.1 Place guide-pin & spacers in marked locations



2.2.2 Place floor, remove Pins and set aside for future steps, add Hardware & D-Rings.







TOOLS

- T45 Torx key

HARDWARE USED

1x (11 ft • lbs)



#90-022 Button Head Torx



#98-116 Flat Washer Steel



D-Ring



Floor



#98-157 Spacer - installed in previous step

2.2.3 Install B-pillar bracket.

- TOOLS**
- Impact
 - 1/2" Socket
 - 13mm hex key
- HARDWARE USED**
- 2x** (12 ft • lbs)

- 

#90-204 Hex Bolt



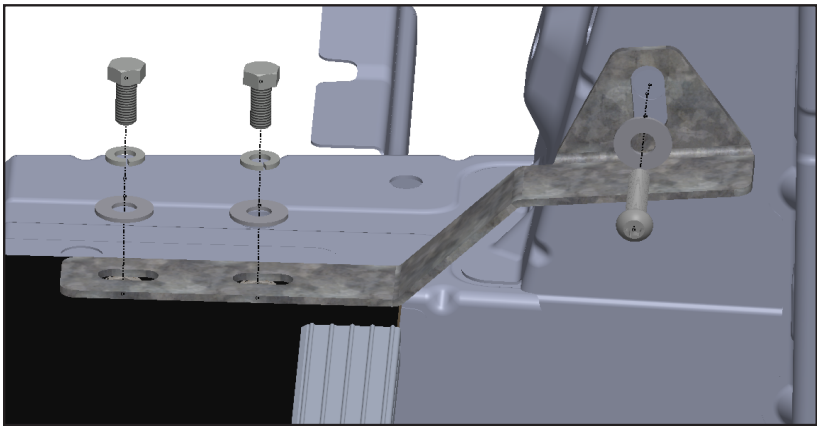
#98-112 Lock Washer



#98-116 Flat WasherZINC



#99-114 Wood Inserts



- TOOLS**
- T45 Socket
 - Impact
 - 1/2" Socket
 - 13mm hex key
- HARDWARE USED**
- 1x** (11 ft • lbs)
- 

#90-022 Button Head Torx



#98-116 Flat Washer

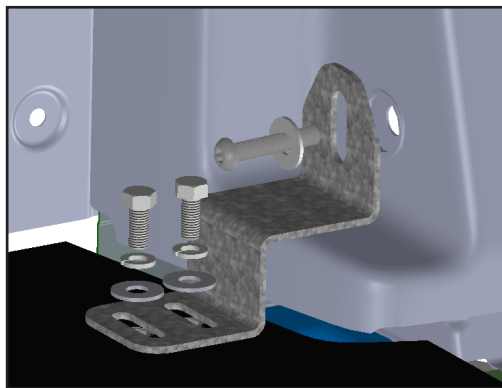
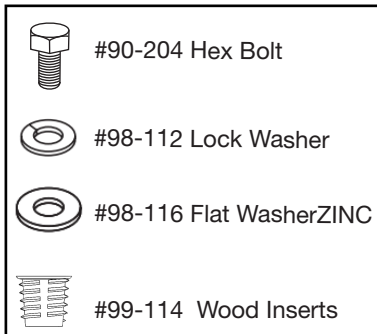
2.2.4 Install B-pillar bracket.

TOOLS

- Impact
- 1/2" Socket
- 13mm hex key

HARDWARE USED

2x (12 ft • lbs)

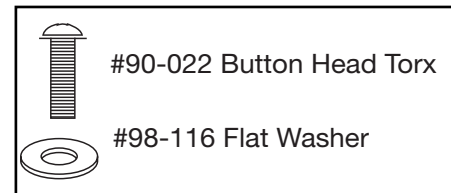


TOOLS

- T45 Socket
- Impact
- 1/2" Socket
- 13mm hex key

HARDWARE USED

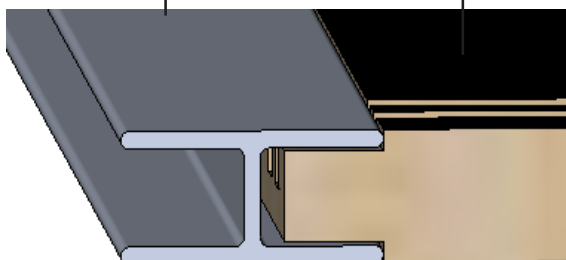
1x (11 ft • lbs)



2.2.5 Install "I" beam to first floor piece.

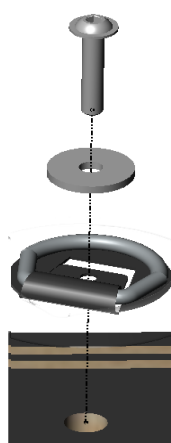
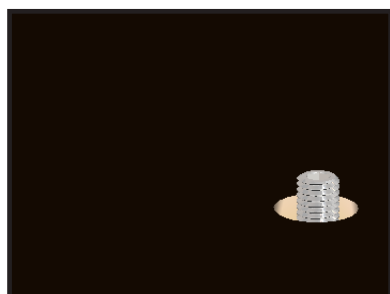
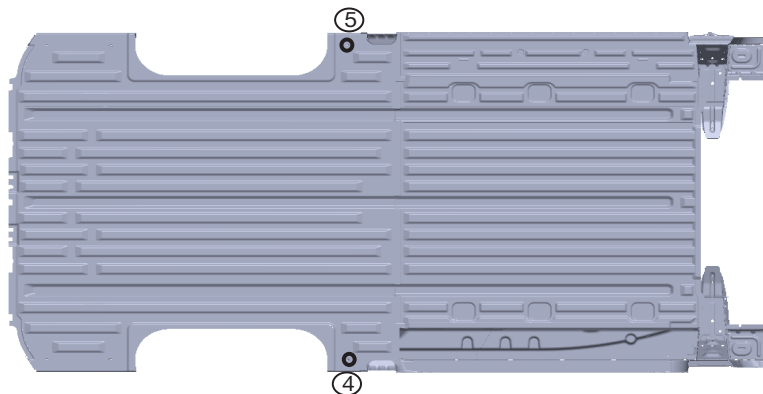
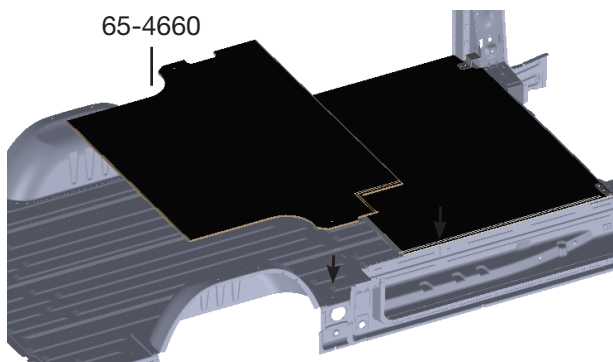
EN-881 x 59.375

65-4650



2.2.6 Add guide pins, place floor, remove pins and set aside for future steps, add hardware & d-rings.

65-4660

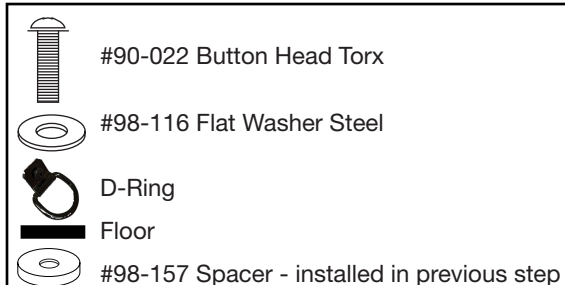


TOOLS

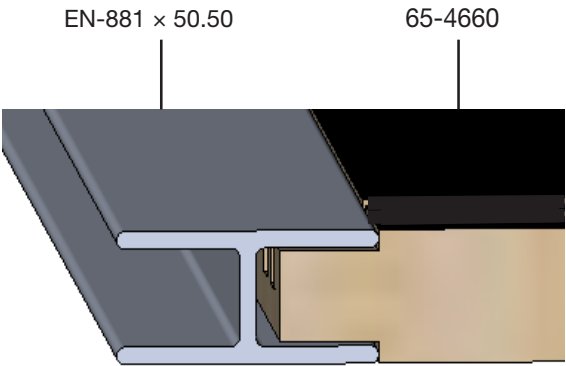
- T45 Torx key

HARDWARE USED

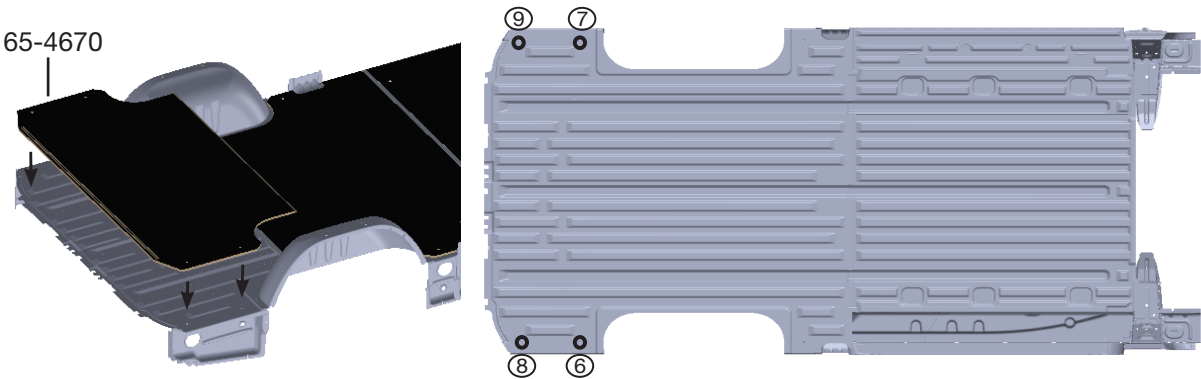
2x (11 ft • lbs)

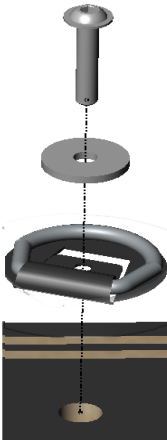
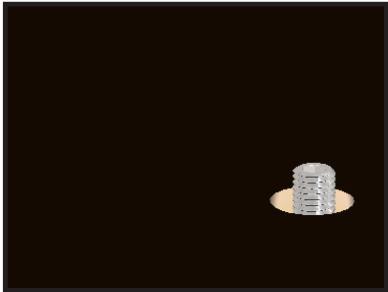


2.2.7 Install “I” beam to first floor piece.



2.2.8 Add guide pins, place floor, remove pins and set aside for future steps, add hardware & d-rings.





TOOLS

- T45 Torx key

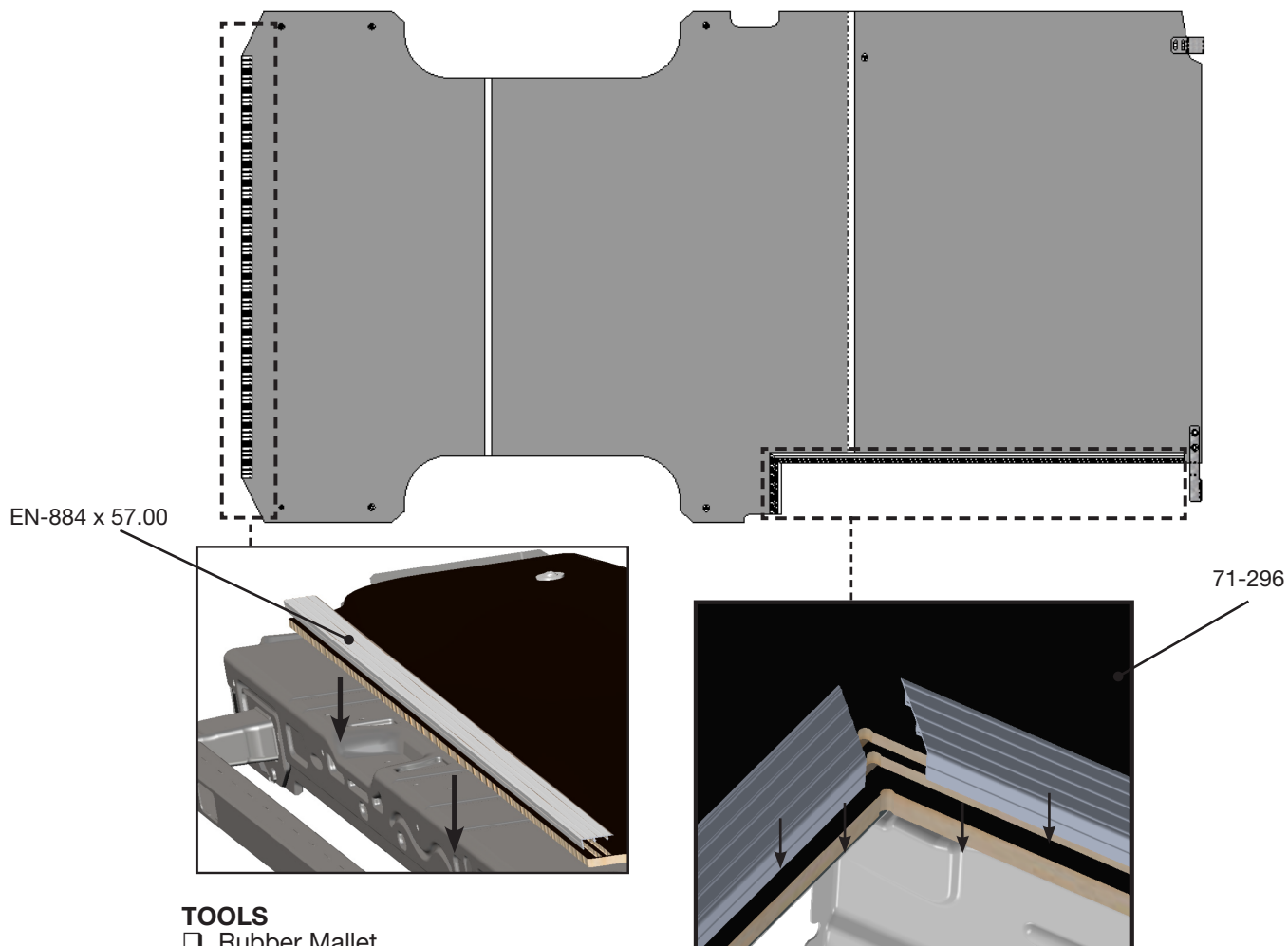
HARDWARE USED

4x (11 ft • lbs)

- #90-022 Button Head Torx
- #98-116 Flat Washer Steel
- D-Ring
- Floor
- #98-157 Spacer - installed in previous step

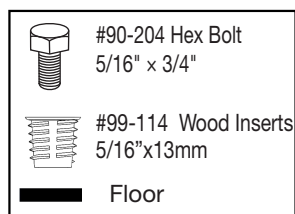
2.2.9 Install FRONT & REAR sill extrusion.

FRONT & REAR SILL INSTALLATION



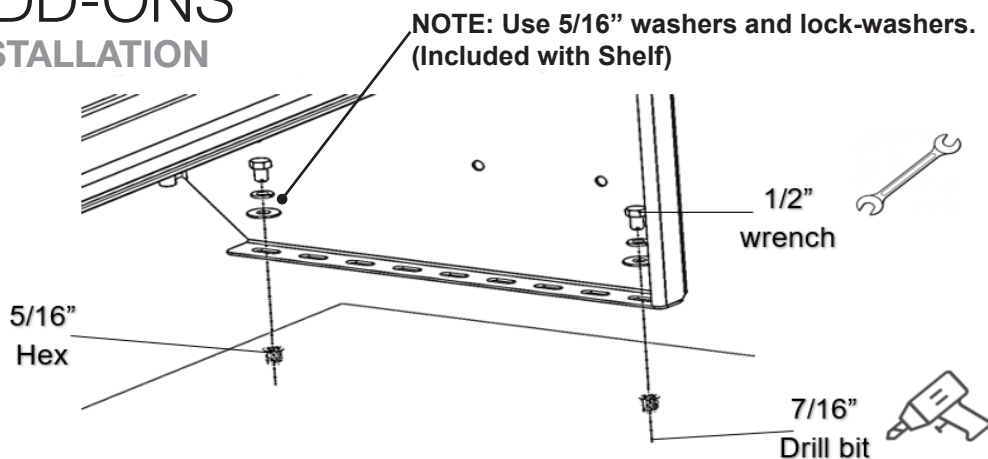
PHASE 3 – ADD-ONS

3.1 TYPICAL UNIT INSTALLATION



TOOLS

- Hex Key 5/16"
- Drill
- Drill Stop Collar
- Drill Bit 7/16"
- Wrench 1/2"



"You have successfully installed your E-Floor, thank you for doing business with us."

For any feedback or suggestions, you may have, please contact: cs@rangerdesign.com