READ THROUGH THE ENTIRE INSTRUCTION GUIDE BEFORE STARTING THIS PROCEDURE AND FOLLOW THE STEPS CAREFULLY TO AVOID ANY DAMAGE TO THE COMPONENTS OR THE VEHICLE.

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IMPORTANT
- USE ONLY THE TOOLS RECOMMENDED ABOVE.
- USE ONLY THE HARDWARE PROVIDED IN THIS KIT.
- ASSISTANCE WILL BE NEEDED FOR THIS INSTALLATION. FOUR PEOPLE ARE RECOMMENDED TO LIFT THE SMARTCAP ONTO THE VEHICLE.
- AVOID PINCHING OR CRUSHING HANDS AND FINGERS.
- INSPECT ALL KIT COMPONENTS FOR DAMAGE BEFORE ASSEMBLY.
- NEVER USE ACETONE OR THINNERS ON PAINTED PARTS.

TOOLS REQUIRED

10mm Socket
13mm Socket

Torque Wrench

Combination Wrench

Super Glue

Utility Knife

Scissors

COMPONENTS

FRONT FLANGE

LEFT PANEL

RIGHT PANEL

ROOF PANEL

REAR FLANGE
ASSEMBLY HARDWARE

- (HAND FASTENED TO FLANGES)

ASSEMBLY HARDWARE

- (HAND FASTENED TO FLANGES)

ASSEMBLY HARDWARE

- (HAND FASTENED TO FLANGES)

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ASSEMBLY HARDWARE

- (HAND FASTENED TO FLANGES)

ASSEMBLY HARDWARE

- (HAND FASTENED TO FLANGES)

IMPORTANT

BE SURE TO REMOVE ALL FIVE PANELS FROM THEIR PACKAGING AND INSPECT THE PAINTED SURFACES PRIOR TO ASSEMBLY. AS SMARTCAP WILL NOT ACCEPT PAINT DAMAGE WARRANTY CLAIMS AFTER ASSEMBLY IS COMPLETED. IF MANUFACTURING IMPERFECTIONS OR SHIPPING DAMAGES ARE FOUND DO NOT CONTINUE WITH THE ASSEMBLY PROCESS AND CONTACT SUPPORT.SA@SMARTCAP.COM - REST OF WORLD SUPPORT.NA@SMARTCAP.COM - NORTH AMERICA/CANADA
STEP 2

THIS SIDE UP
ROOF PANEL

(USE THE CARDBOARD AS A WORK SURFACE)

STEP 3

ROOF PANEL

SMARTCAP

RIGHT PANEL
**STEP 4**

- **RIGHT PANEL**
- **SLANTED EDGE TOWARDS REAR**
- **ROOF PANEL**
- **NOTE LOCATION OF AIR VENT**
- **MINIMAL GAP**
- **TAP FIRMLY WITH PALM OF HAND**

**STEP 5**

- **HAND TIGHTEN**
- **M6 LOCK NUT**
- **M6 FENDER WASHER**
**STEP 6**

- Cut the ROOF PANEL.
- Trim the LEFT PANEL.
- Apply a slanted edge towards the rear.
- Ensure a minimal gap.
- Tap firmly with the palm of your hand.

**STEP 7**

- Slide the ROOF PANEL forward.
- Align the SLANTED EDGE towards the rear.
- Check for a minimal gap.
- Tap firmly with the palm of your hand.
**STEP 8**

Hand tighten M6 lock nut and M6 fender washer.

**STEP 9**

Use a utility knife and scissors to cut the front flange.
STEP 10
REMOVE ALL HARDWARE FROM FRONT FLANGE

10mm

STEP 11
FRONT FLANGE
STEP 12
INSTALL HARDWARE ALONG FRONT FLANGE WITH BOLT ON INSIDE

HAND TIGHTEN IN THE SEQUENCE SHOWN

BE SURE PANELS ARE FLUSH

STEP 13
REAR FLANGE
STEP 14
REMOVE ALL HARDWARE FROM REAR FLANGE

STEP 15
REAR FLANGE
**STEP 16**
INSTALL HARDWARE ALONG REAR FLANGE WITH BOLT ON INSIDE

- Hand tighten in the sequence shown:
  1 2 14 6
  8
  9
  13
  3
  125
  7
  10
  11
  4

- Loadspreaders
- Fastener block
- Block clamp

**STEP 17**
TIGHTEN ALL HARDWARE WITH TORQUE WRENCH AND 10mm SOCKET

- 14X
- 5X Min 6 Nm Max 12 Nm (4.4 lbs. ft.)
- 10mm
- 14X Min 6 Nm Max 12 Nm (4.4 lbs. ft.)
- 5X Min 6 Nm Max 12 Nm (4.4 lbs. ft.)

- Be sure panels are flush
**STEP 18**

APPLY D-RUBBER TO BOTTOM OF SMARTCAP

- Peel away adhesive backing in short lengths as you work around the edges.
- Be sure surface is clean.
- Stay inside the outer panel edges approx 1/8”.

**STEP 19**

- Reinforce the ends of the D-rubber with superglue.
- Remove excess with a clean straight cut.
- Start here.
IMPORTANT

- Assistance will be needed for this installation. Four people are recommended to lift the SmartCap onto the vehicle.
- Avoid pinching or crushing hands and fingers.
STEP 19

Inspect the truck bed. If front edge is lower than the sides, add foam seal tape to the front edge of the bed.

STEP 20

Remove the front tie down hook from the inner wall of the truck bed.

Position the right side front mounting bracket in the front corner of the truck bed as shown.

Secure the bracket with the fasteners as indicated, hand tighten only.

Repeat on the opposite side of the vehicle with the left front mounting bracket.
**STEP 21**

With the remaining bolt location, secure the bracket with the fasteners as indicated, hand tighten only.

*Repeat on the opposite side of the vehicle with the left front mounting bracket.*

**STEP 22**

Remove the rear tie down hook from the inner wall of the truck bed.

Position the right side rear mounting bracket in the back corner of the truck bed as shown.

Secure the bracket with the fasteners as indicated, hand tighten only.

*Repeat on the opposite side of the vehicle with the left rear mounting bracket.*
LIFT THE ASSEMBLED SMARTCAP ONTO THE TRUCK BED

BE SURE NOT TO SCRAPE OR DAMAGE THE D-RUBBER

CHECK THAT THE SMARTCAP IS PROPERLY POSITIONED AND CENTERED ON THE TRUCK BED
**STEP 24**

Secure the SmartCap to the right front mounting bracket with the fasteners as indicated, hand tighten only.

Repeat on the opposite side of the vehicle with the left front mounting bracket.

**STEP 25**

Secure the SmartCap to the right rear mounting bracket with the fasteners as indicated, hand tighten only.

Repeat on the opposite side of the vehicle with the left rear mounting bracket.
STEP 26

ONCE ALL THE FASTENERS ARE INSTALLED, PARTIALLY TIGHTEN WITH SOCKET WRENCH AS INDICATED.

PARTIALLY TIGHTEN FASTENERS ON ALL FOUR CORNERS OF THE VEHICLE.

STEP 27

PRESS DOWN ON THE SMARTCAP TO ACHIEVE 2MM - 3MM COMPRESSION ON THE D-RUBBER AND CONTINUE TIGHTENING BRACKET FASTENERS WITH SOCKET WRENCH AS INDICATED.

CONTINUE TIGHTENING FASTENERS ON ALL FOUR CORNERS OF THE VEHICLE.

SMARTCAP

GAP REQUIRED = 13MM (1/2 INCH)
STEP 28
ONCE SMARTCAP IS POSITIONED CORRECTLY, FULLY TIGHTEN UPPER FASTENERS WITH TORQUE WRENCH AS INDICATED.

FULLY TIGHTEN UPPER FASTENERS ON ALL FOUR CORNERS OF THE VEHICLE.

STEP 29
ONCE SMARTCAP IS POSITIONED CORRECTLY, FULLY TIGHTEN LOWER FASTENERS WITH TORQUE WRENCH AS INDICATED.

FULLY TIGHTEN LOWER FASTENERS ON ALL FOUR CORNERS OF THE VEHICLE.
THIRD BRAKE LIGHT CONNECTOR INSTALLATION

IMPORTANT

• Be sure the vehicle is turned off for this installation.
• Read through the entire procedure before starting and follow the steps carefully to ensure the third brake light and trailer plug will function properly.
• Use a test light to check for successful installation.

STEP 1

Remove the left side tail light assembly.

STEP 2

Locate the third brake light 2-pin plug inside the back left corner of the SmartCap.

Connect the new T-harness to the 2-pin plug.
STEP 3
REMOVE THE GROMMET COVER AT THE TRUCK BED WALL.
ROUTE THE T-HARNESS IN THROUGH THE GROMMET PANEL OPENING AND OUT THROUGH THE TAIL LAMP OPENING.

STEP 4
CONNECT THE BRAKE LIGHT PLUG INTO THE FEMALE PLUG FROM THE T-HARNES.
CONNECT THE MALE PLUG FROM THE T-HARNESS INTO THE TAIL LIGHT BRAKE LIGHT SOCKET.

STEP 5
TEST THE BRAKE LIGHTS AND TURN SIGNALS TO BE SURE THEY ARE FUNCTIONING PROPERLY.
REINSTALL THE TAIL LIGHT ASSEMBLY.
REINSTALL THE TRUCK BED GROMMET.
BUNDLE EXTRA T-HARNESS CABLE LENGTH IN THE TAIL LIGHT CAVITY AND SECURE WITH A CABLE TIE.
STEP 6

START THE TRUCK. NOTE THAT ON SOME MODELS, IT MAY TAKE UP TO 30 SECONDS FOR THE VEHICLE TO DETECT THE NEW CONNECTION. CHECK THE BRAKE LIGHTS AND TURN SIGNALS TO BE SURE THEY ARE FUNCTIONING PROPERLY.

ONCE YOU HAVE CONFIRMED THAT THE LIGHTS ARE WORKING CORRECTLY, SECURE THE HARNESS WITH CABLE TIES. BE SURE NOT TO INTERFERE WITH ANY MOVING PARTS ON THE VEHICLE.

THANKS FOR YOUR PURCHASE.
PLEASE LET US KNOW IF YOU HAVE ANY QUESTIONS.

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