



15248 BACKUP CAMERA MOUNTING KIT

2009 thru 2013 Chevy/GMC pickup

NOTE: this kit is ONLY for Chevy/GMC pickups that already have the factory back up camera option

The following pages provide instructions for removing the Chevy/GMC backup camera from your factory tailgate and installing it in your Husky Aluminum 5th wheel tailgate. If you prefer not to remove the camera from your factory tailgate you will need to purchase a camera, part #2083-7341 (cat/pline 09-715, location 7140-007-D2) from your Chevy/GMC parts department. Always provide your pickup serial number as part numbers and revisions may change.

CONTENTS

- PN 15248-1 Mount Bracket 1 each
- PN 15248-2 Front Housing 1 each
- PN 15248-3 Rear Housing 1 each
- PN 15248-4 Hole Template 1 each
- PN 15248-5 Mount Bracket 1 each
- #8 Phil Truss SMS Screws 4 each
- 5/32" Push Rivets 2 each
- Instructions 1 each

TOOLS REQUIRED

- 13mm Wrench
- T-30 Torx Wrench
- Phillips Screw Driver-Medium
- Phillips screw Driver-Small
- Blade Type Screw Driver-Large
- Scissors
- Center Punch
- Masking Tape
- Drill
- 11/64 Drill Bit
- 9/64 Drill Bit
- 5/64 Drill Bit



Photo 1

Lower the factory Chevy/GMC tailgate and remove the (4) T-30 Torx bolts from the wire harness cover at the mid bottom inside of the tailgate. Gently pull the harness retainer from its hole.



Photo 2



Photo 3

Locate the camera harness where it passes from the tailgate to and through the pickup bed. Remove the license plate, or from under the rear of the pickup, locate the two connectors on the camera harness and disconnect them by depressing the connector latch and pull the connector halves apart. Remove the harness retainer from its hole by gently pulling.



Photo 4

Remove the center bezel mounting bolt from the middle of the tailgate using a 13mm wrench.



Photo 5



Photo 6

There are three retainer clips securing the bezel to the tailgate outer panel, one each located in the upper left and upper right corner and in the lower middle of the bezel. By hand, pull in these areas to pop the retainers loose (a screw driver may be required). Lift the tailgate latch handle in order to aid in the removal of the latch handle bezel. Gently remove the bezel and camera harness from the tailgate.



Photo 7

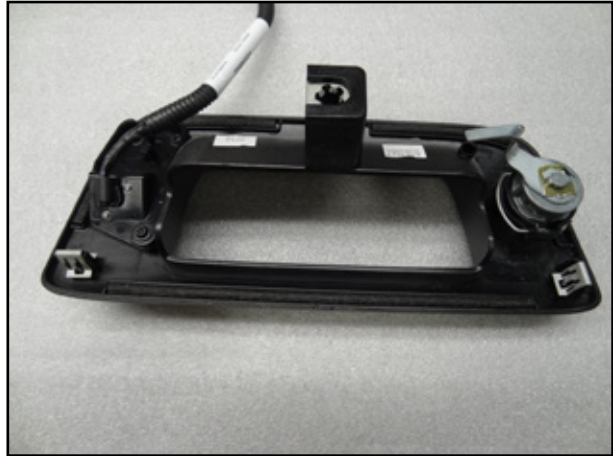


Photo 8

Determine which type of camera you have. If it is Photo 7 continue. If it is Photo 8 skip to Page 9.



Photo 9



Photo 10

Remove the camera assembly mounting bracket from the latch handle bezel by removing the three T-20 torx screws. Remove the camera harness module from the camera assembly mounting bracket by removing the two medium Phillips screws.



Photo 11



Photo 12

Gently pull the harness from the camera and the remove camera from the camera assembly mounting bracket by removing the four small Phillips screws. Use caution; do not allow dirt, dust, or moisture to contaminate the camera/cable connection.



Photo 13

Using the same screws, mount the camera in the 15248-1 mount bracket and reattach the harness to the camera. Do not over tighten the screws.

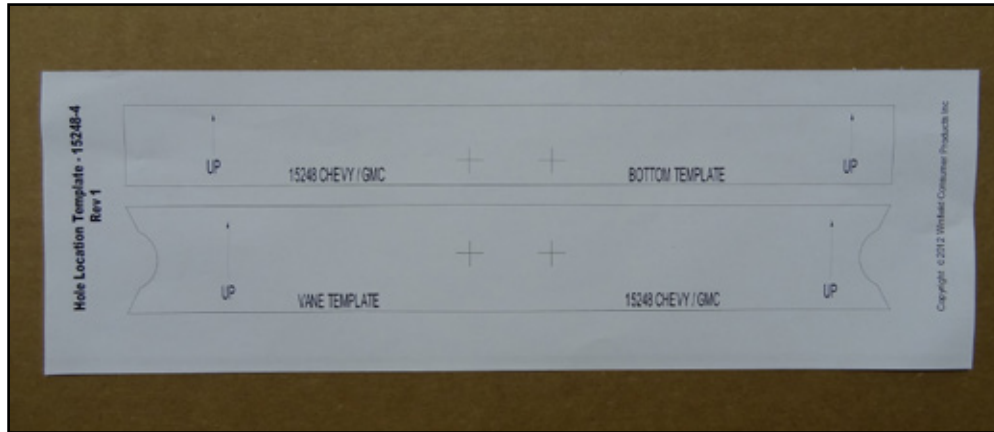


Photo 14



Photo 15



Photo 16

Cut the “tailgate hole pattern” templates from the 15248-4 sheet. Position and tape the vane template on the back side (the side of the tailgate that would be to the inside of the pickup box) of the vane just below the Husky Tailgate center handle. See images above. The hole locations should be centered horizontally and positioned as in Photo 15, $\frac{7}{8}$ inch from the top edge and $1 \frac{1}{8}$ inch from the bottom edge of the vane. Center punch the two hole locations and remove the template. Predrill the two center punched hole locations with a $\frac{5}{64}$ inch (.078) drill bit perpendicular to the surface of the vane. Then drill with an $\frac{11}{64}$ inch (.172) drill bit. The predrill prevents the larger drill from wandering and mislocating the holes. Position and tape the bottom template on the bottom of the husky tailgate. The hole locations should be centered horizontally and $\frac{1}{2}$ inch from the top edge and 1 inch from the bottom edge of the D shaped bottom tubing. Center punch the two hole locations and remove the template. Drill the two center punched hole locations with an $\frac{9}{64}$ inch (.140) drill bit perpendicular to the surface of the D shape tube.



Photo 17



Photo 18



Photo 19

Position the 15248-3 rear housing on the Husky Tailgate, align the holes, position the camera/bracket assembly on the holes, and install two #8 X 1/2 long phillip truss head screws through the vane, rear housing, and into the camera bracket and tighten.



Photo 20



Photo 21



Photo 22



Photo 23

Wrap the harness around the camera/bracket assembly per the above photo and place the 15248-2 front housing in place. Position the two push rivets in the 5/32 holes on each side of the front housing and with your thumb snap them into place through the front and rear housing. Install two #8 X 1/2 phillips truss head screws through the lower portion of the 15248-2 and into the bottom of the Husky Tailgate and tighten.

INSTALL HUSKY TAILGATE PER TAILGATE INSTALLATION INSTRUCTIONS

Place the camera harness connectors through the hole in the pickup bed they originally came out of and install your Husky Tailgate. From under the rear of the pickup or through the license plate opening, reconnect the camera harness connectors and reinsert the harness retainer into its mounting hole.



Photo 24



Photo 25

Remove the camera assembly mounting bracket from the latch handle bezel by removing the three T-20 torx screws.

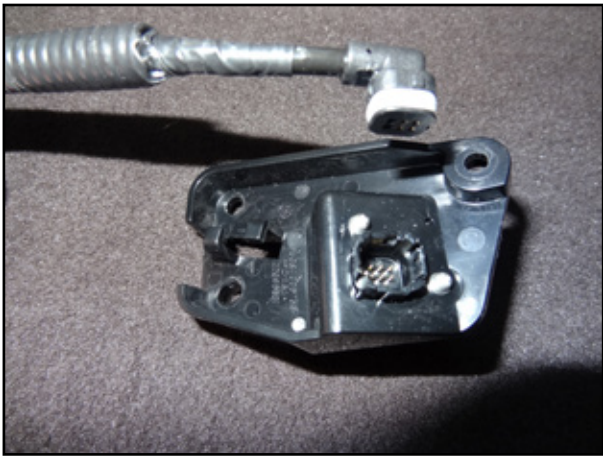


Photo 26



Photo 27

Remove the harness from the camera assembly mounting bracket by gently pulling the connector from the camera while unlatching the tabs at the top and bottom of the connector with a thin blade (knife or small screw driver). Use caution; do not allow dirt, dust, or moisture to contaminate the camera/cable connection.



Photo 28

Remove the two small Phillips screws and separate the camera from the camera mounting bracket.

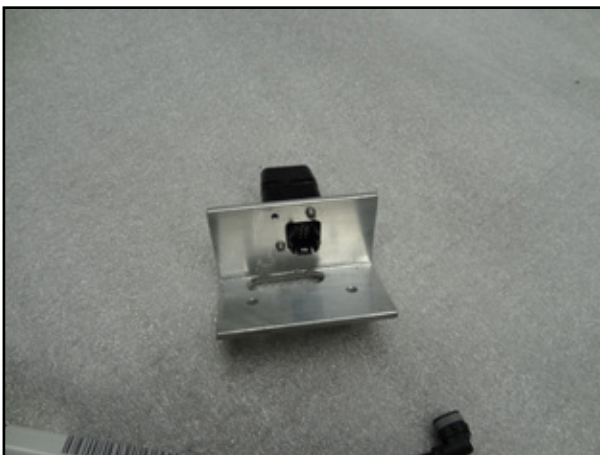


Photo 29



Photo 30

Using the same screws, mount the camera in the 15248-5 mount bracket and snap the harness to the camera. Do not over tighten the screws.

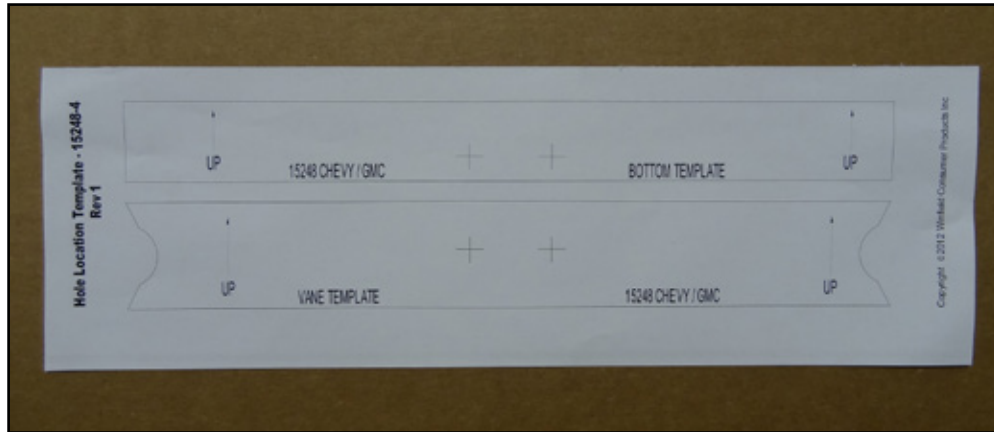


Photo 31



Photo 32



Photo 33

Cut the “tailgate hole pattern” templates from the 15248-4 sheet. Position and tape the vane template on the back side (the side of the tailgate that would be to the inside of the pickup box) of the vane just below the Husky Tailgate center handle. See images above. The hole locations should be centered horizontally and positioned as in Photo 32, $7/8$ inch from the top edge and $1\ 1/8$ inch from the bottom edge of the vane. Center punch the two hole locations and remove the template. Predrill the two center punched hole locations with a $5/64$ inch (.078) drill bit perpendicular to the surface of the vane. Then drill with an $11/64$ inch (.172) drill bit. The predrill prevents the larger drill from wandering and mislocating the holes. The hole locations should be centered horizontally and $1/2$ inch from the top edge and 1 inch from the bottom edge of the D shaped bottom tubing. Center punch the two hole locations and remove the template. Drill the two center punched hole locations with an $9/64$ inch (.140) drill bit perpendicular to the surface of the D shape tube.



Photo 34



Photo 35

Position the 15248-3 rear housing on the Husky Tailgate, align the holes, position the camera/bracket assembly on the holes, and install two #8 X 1/2 long phillip truss head screws through the vane, rear housing, and into the camera bracket. Engage the screws only a couple of turns. Tighten only after the front cover is installed.



Photo 36



Photo 37



Photo 38

Wrap the harness around the camera/bracket assembly per the above photo and place the 15248-2 front housing in place. Position the two push rivets in the 5/32 holes on each side of the front housing and with your thumb snap them into place through the front and rear housing. Install two #8 X 1/2 phillips truss head screws through the lower portion of the 15248-2 and into the bottom of the Husky Tailgate and tighten.

**INSTALL HUSKY TAILGATE
PER TAILGATE INSTALLATION INSTRUCTIONS**

Place the camera harness connectors through the hole in the pickup bed they originally came out of and install your Husky Tailgate. From under the rear of the pickup or through the license plate opening, reconnect the camera harness connectors and reinsert the harness retainer into its mounting hole.