

2005-2023 ROUSH MUSTANG TRUNK MOUNTED TOOL KIT

INSTALLATION INSTRUCTIONS

P/N: 422314
1323-TOOLKIT



ROUSH[®]
P E R F O R M A N C E

28200 Plymouth Rd, Livonia, MI 48150 | 800.59.ROUSH

2005-2023 Roush Mustang Trunk Mounted Tool Kit

Installation Instructions



Application: 2005-2023 Ford Mustang

Important notes:

Before installing your ROUSH Performance Product(s), read through the entire installation procedure and check to make sure all items are present. Contact ROUSH Customer Service at 1-800-59-ROUSH, 9:00 AM to 5:00 PM weekdays, for any questions regarding fit or instructions that are unclear to you.

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ROUSH® Parts and Accessories Warranty

- ROUSH's warranty obligations for ROUSH® Parts and Accessories is limited to defects in materials and workmanship, as solely determined after ROUSH's careful inspection, for 90 days that begins on the date of retail purchase from an Authorized ROUSH® Performance Dealer by the original end-user purchaser ("Warranty Period").
- All purchased components are required to be registered within 30 days of purchase. Warranty can be registered at the following link below or by scanning the QR code as shown below:
<https://roush.my.site.com/RPPhelp/s/article/ROUSH-Performance-Warranty-Information>



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PART	PN	Quantity
ROUSH TOOLKIT AND BOX (NO BRACKETS)	1314-TOOLKIT	1
15-23 model years ONLY, TOOL BOX MOUNTING BRACKET - LEFT HAND CONVERTIBLE	1315-30006LH	1
15-23 model years ONLY, TOOL BOX MOUNTING BRACKET - RIGH HAND CONVERTIBLE	1315-30006RH	1
15-23 model years ONLY, TOOL BOX MOUNTING BRACKET - LEFT HAND FAST BACK	1315-30016LH	1
15-23 model years ONLY, TOOL BOX MOUNTING BRACKET - RIGHT HAND FAST BACK	1315-30016RH	1
BLACK-OXIDE STEEL ROUND KNURLED THUMB NUT	NM6X100X1S	2
SCREW - SELF TAPPING TEK NUMBER 8 X 1/2	R07030003-13	8
10-14 model years ONLY, BRACKET, LEFT HAND TOOL KIT MOUNTING	R08030029-13	1
10-14 model years ONLY, BRACKET - RIGHT HAND TOOL BOX MOUNTING	R08030030-13	1
RETAIL DOCUMENT KIT	RETAILDOC	1
NYLN SLF-RTNNG WSHR 1/4" M6 SCRWSZ - 19/32" OD - .05-07 THK	W15X6X1-P-NF	2

Tool Kit Contents

PART	PN	Quantity
TOOL BOX WITH MOUNTING KIT	1312-TOOLCASE	1
3" SOCKET EXTENTION (3/8" DRIVE) - CHROME	1314-EXTSCKT	1
FLASHLIGHT BLACK	1314-FLSHLIGHT	1
PLIERS - 10" RED HANDLE GROOVE JOINT	1314-RGJPLIER	1
PLIERS, 8" RED HANDLE LONG NOSE	1314-RNNPLIER	1
SOCKET - 10MM	1314-SCKT10	1
SOCKET - 13MM	1314-SCKT13	1
SOCKET - 15MM	1314-SCKT15	1
SOCKET - 8MM	1314-SCKT8	1
RED 5-IN-1 SCREWDRIVER WITH ROUSH LOGO	1314-SCRWDRVR	1
GAUGE - TIRE TREAD DEPTH	1314-TIREDPTH	1
WRENCH - 10MM ROUSH ENGRAVED CHROME	1314-WRNCH10	1
WRENCH - 13MM ROUSH ENGRAVED CHROME	1314-WRNCH13	1
WRENCH - 15MM ROUSH ENGRAVED CHROME	1314-WRNCH15	1
WRENCH - 8MM ROUSH ENGRAVED CHROME	1314-WRNCH8	1
THINSULATE - BLACK/RED GLOVES - LARGE - ROUSH	1324-GLOVE	1
RATCHET HANDLE, 3/8" DRIVE	1900264	1
MEDALLION - ANTIQUE NICKEL SILVER ENCAPSULATED	R08030028-00	1
GAUGE - ROUSH TIRE W/ RUBBER BOOT MEISER S-60	ROUSHS60	1

Equipment and Supplies Required

- Push Pin removing tool
- Knife to cut Inner Trunk Liner
- Center Punch & Hammer or a Self Impacting Center Punch
- Masking Tape
- Drill with 1/4" Drive Adapter
- 1/4" Socket - 1/4" drive
- 3/16" Allen Wrench or 1/4 Drive Allen Socket
- Scissors
- Small screw driver (flat/philips)
- Marker

LIMIT OF LIABILITY STATEMENT

The information contained in this publication was accurate and in effect at the time the publication was approved for printing and is subject to change without notice or liability. ROUSH Performance Products (RPP) reserves the right to revise the information presented herein or to discontinue the production of parts described at any time.

SAFETY REQUIREMENTS

STOP! READ IMPORTANT SAFETY CAUTIONS AND WARNINGS BEFORE PROCEEDING.

IMPORTANT SAFETY NOTICE

Appropriate disassembly, assembly methods and procedures are essential to ensure the personal safety of the individual performing the kit installation. Improper installation due to the failure to correctly follow these instructions could cause personal injury or death. Read each step of the installation manual carefully before starting the actual installation.

1. Always wear safety glasses for eye protection.
2. Place ignition switch in the OFF position.
3. Always apply the parking brake when working on a vehicle.
4. Block the front and rear tire surface to prevent unexpected vehicle movement.
5. If working without a lift, always consult vehicle manual for correct lifting specifications.
6. Operate the engine only in well-ventilated areas to avoid exposure to carbon monoxide.
7. Do not smoke or use flammable items near or around the fuel system.
8. Use chemicals and cleaners in well-ventilated areas.
9. Batteries produce explosive gases, which can cause personal injury. Therefore, do not allow flames, sparks or flammable substances to come near the battery.
10. Keep hands and any other objects away from the radiator fan blades.
11. Keep yourself and your clothing away from moving parts when the engine is running.
12. Do not wear loose clothing or jewelry that can get caught in rotating parts or scratch surface finishes.
13. Allow the engine, cooling system, brakes and exhaust to cool before working on a vehicle.

WORK SAFELY!

Perform this installation on a good clean level surface for maximum safety and with the engine turned off.

Installation FOR 2005-2009 Model Years

1. Open the vehicle trunk and remove the two wire harness retaining clips on the passenger side of the decklid pull the harness down so that it can fit into the recessed portion of the inner structure. (Refer to Figure A)

Hint: Masking tape can be used to hold the harness in place. The 2 harness retainers can be cut off as they are not used with the toolkit.

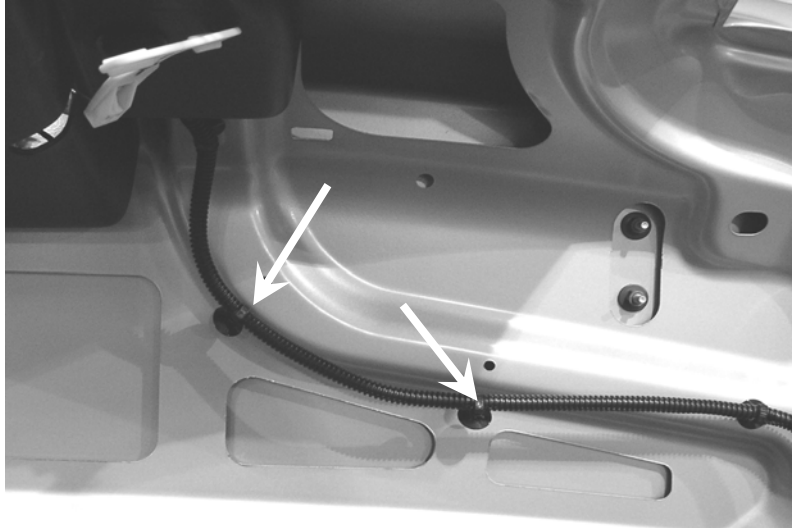


Figure A

2. Locate and Insert the adapter brackets (from toolbox PN: 1314-TOOLKIT) into each of the inner most triangular shaped cutouts in the inner structure by placing the side with the wider shoulder against the lid and sliding the bracket over so that the shoulders are between the inner and outer shells. (Refer to Figure B) The shouldered sides should be perfectly flush with the edges of the cut-out.



Figure B

3. Open and remove the ROUSH Mechanics gloves from the ROUSH Tool box (PN: 1314-TOOLKIT). Raise the ROUSH Tool box to the adapter brackets and fasten it to the brackets using the screws and washers supplied in the Hardware Kit. (Refer to Figure C) Note: ROUSH recommends applying a small amount of thread-lock to the thumb-nut if the customer doesn't plan on removing the toolkit from the vehicle often.

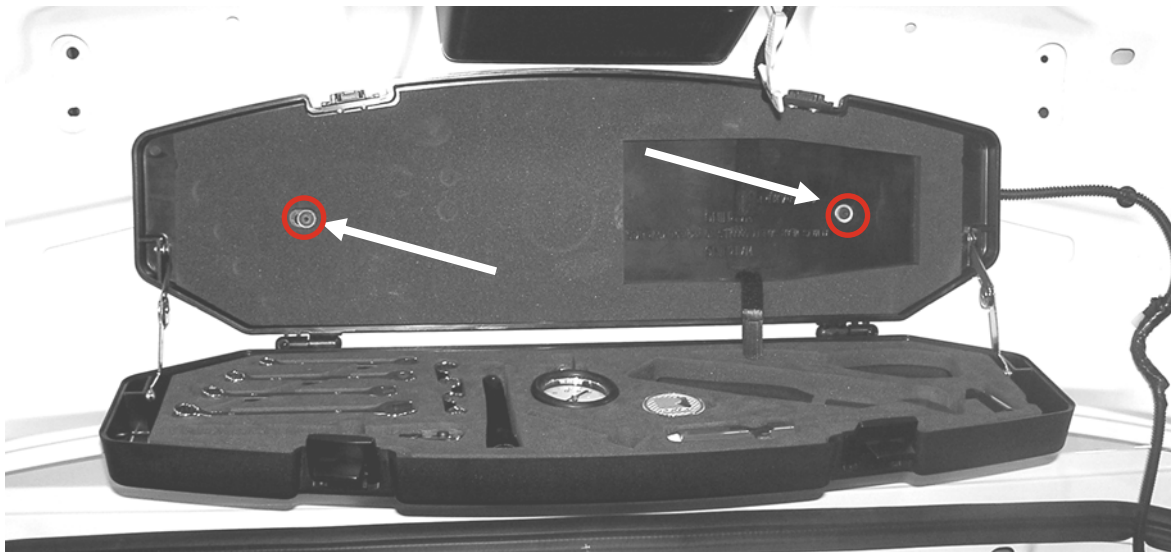


Figure C

4. Congratulations! You have completed the installation process. Please register your Roush supercharger kit for your warranty, scan the QR code below or go to: <https://support.roushperformance.com/s/article/ROUSH-Performance-Warranty-Information>



Installation FOR 2010-2014 Model Years

1. Open the trunk and remove thirteen (13) push pins indicated with circles as shown. The push pins are a two (2) part push pin. Remove the center button first to release the barbs and then remove the push pin body. Carefully slide the glow-in-the-dark trunk release handle through the slot in the trunk liner (See arrow). Remove the trunk inner liner and save for re-use.



2. For vehicles equipped with a satellite antenna: remove the connector push pin from the holes in the trunk inner structure. With a small screw driver (flat/philips), remove the push pin retainer from the connector. Push the release tab and unplug the connectors. Save parts for re-use.



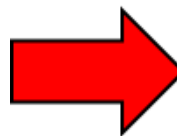
NOTE: Install the two tool kit trunk brackets with the correct orientation as shown below. Center punch and drill the three (3) bracket mounting points for both brackets (LH and RH) as shown below by following steps 3 through step 6.

3. Position the LH and RH brackets on the trunk backside locations with the correct orientation as shown below, Masking tape can be used to hold the brackets in place. Note: Pay attention to the stamped part numbers in order to mount LH and RH sides appropriately.(LH is the driver side) Reference the chart below for the correct mounting brackets.

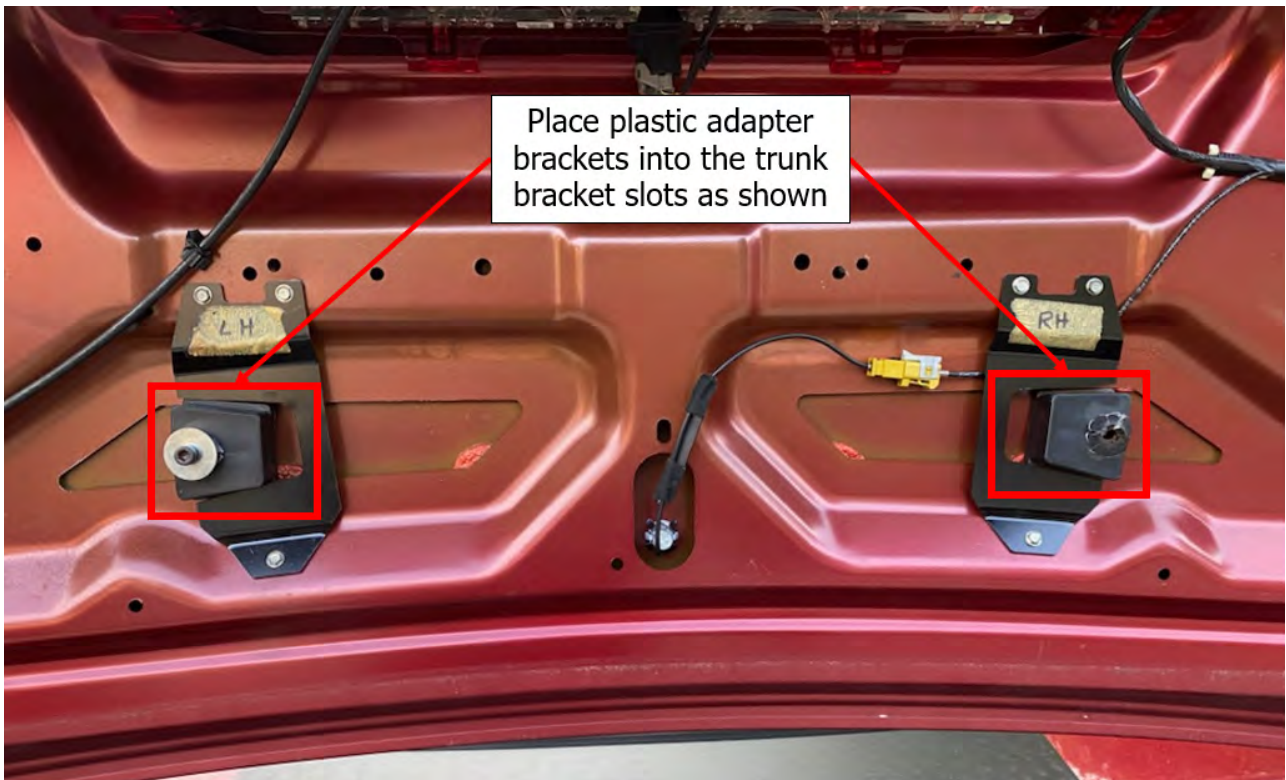
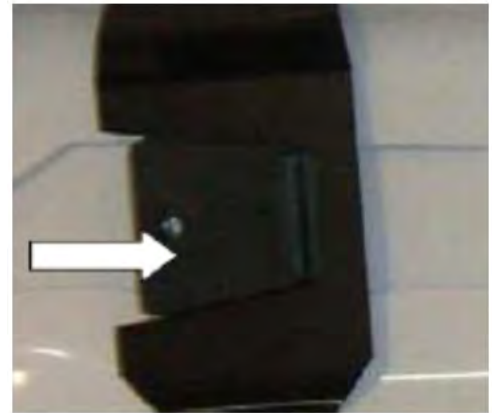
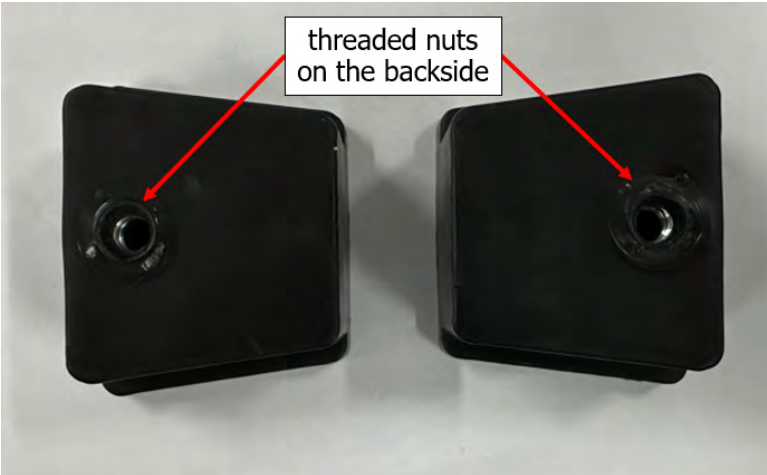
PART	PN	Quantity
10-14, BRACKET, LEFT HAND TOOL KIT MOUNTING	R08030029-13	1
10-14, BRACKET - RIGHT HAND TOOL BOX MOUNTING	R08030030-13	1



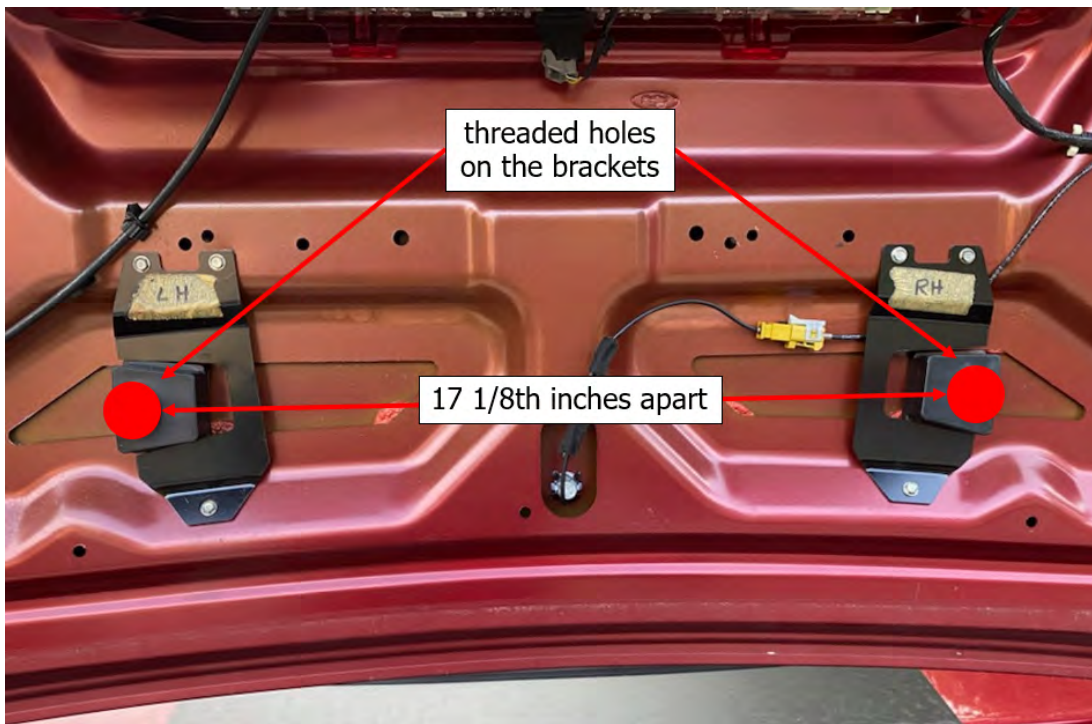
4. Locate the Roush toolbox (PN: 1314-TOOLKIT), and mounting hardware Included in the toolbox (two (2) brackets with nuts, two (2) washers, and two (2) bolts).



5. Locate the two (2) plastic adapter brackets from the toolbox hardware kit. Use the correct orientation of the two plastic adapter brackets as shown below to place into the trunk bracket slots as shown. Ensure that the threaded nut is on the back side of each plastic adapter bracket as shown.



6. Using a measuring tape to measure the distance apart between the two (2) threaded nuts on the brackets. **The two threaded nuts should be 17 1/8th inches apart, IF NOT, YOU MUST RE-ADJUST THE BRACKETS BEFORE THE NEXT STEP.**



7. Center punch the three (3) bracket mounting points on the trunk left side (LH) as shown. Repeat the same step to the other side (RH).

Note: Before installing the Self-drilling Screws, set your drill to a light setting to avoid stripping the holes or breaking the screws.

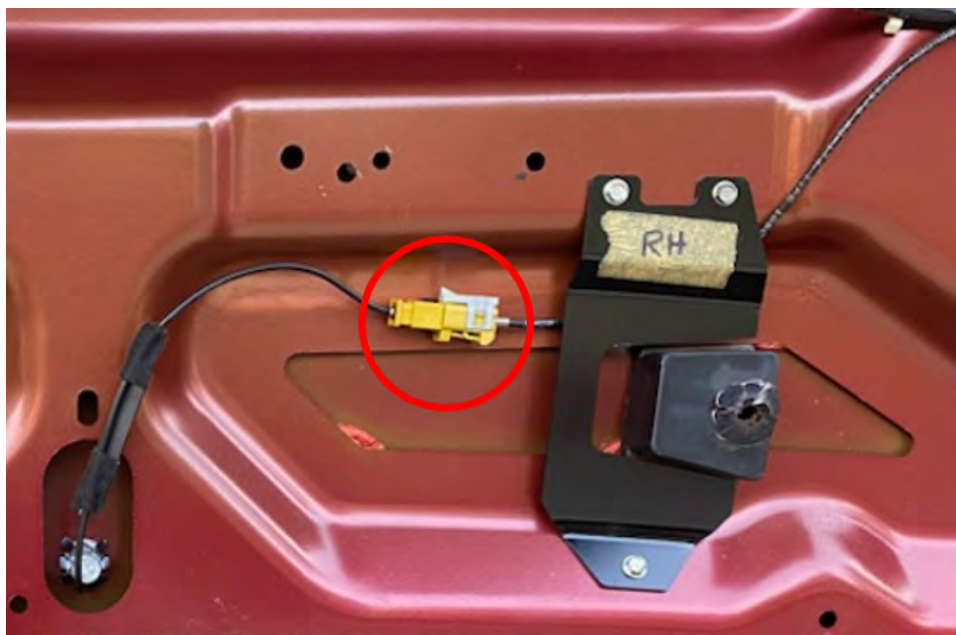


LH side shown

PART	PN	Quantity
10-14, BRACKET, LEFT HAND TOOL KIT MOUNTING	R08030029-13	1
10-14, BRACKET - RIGHT HAND TOOL BOX MOUNTING	R08030030-13	1

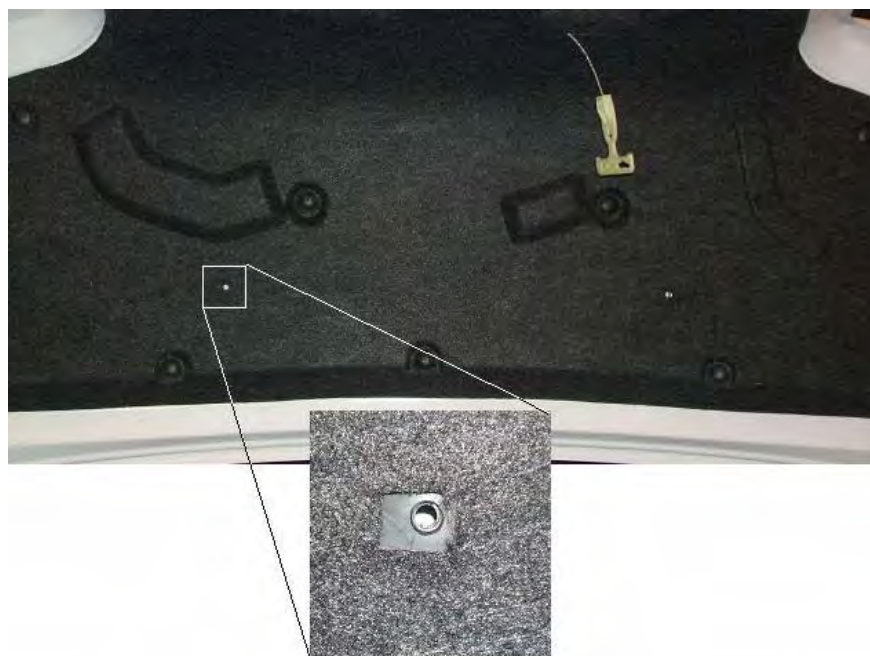
8. Torque ALL six (6) Screws (PN: R07030003-13) on the left and right side mounting brackets to 22 In-Lb.

9. For vehicles equipped with a satellite antenna: pass the wire harness end of the satellite antenna connector behind the right mounting (RH) bracket and reconnect the connectors from step 2. Peel the backing tape from the Double Sided Tape and affix the connector to the trunk inner structure as shown.



Note: Do not put the connector into its original position. Installation of the tool box will crush the connector.

10. Place deck lid liner on the backside of the vehicle trunk and use a marker to mark the plastic adaptor bracket thread locations on the deck lid liner and cut out two (2) 1/2" square holes. Ensure the 1/2" holes in the liner expose the Adapter Bracket nuts as shown.



11. Reinstall the vehicle trunk inner liner and 13 push pins. Ensure that you pass the glow-in-the-dark trunk release handle through the slot in the trunk liner.



12. Open the ROUSH toolbox (PN: 1314-TOOLKIT) and remove the ROUSH mechanics gloves. With an assistant, raise the opened ROUSH Tool Box to align the slots in the Tool Box Lid to the nuts in the plastic Adapter Brackets. Install the two (2) Washers and two (2) Bolts included in the toolbox mounting hardware to fasten the Tool Box Lid to the Plastic Adapter Brackets. Note: ROUSH recommends applying a small amount of thread-lock to the thumb-nut if the customer doesn't plan on removing the toolkit from the vehicle often.



13. Place the ROUSH Mechanics Gloves back into the toolbox. Close and latch the ROUSH toolbox.

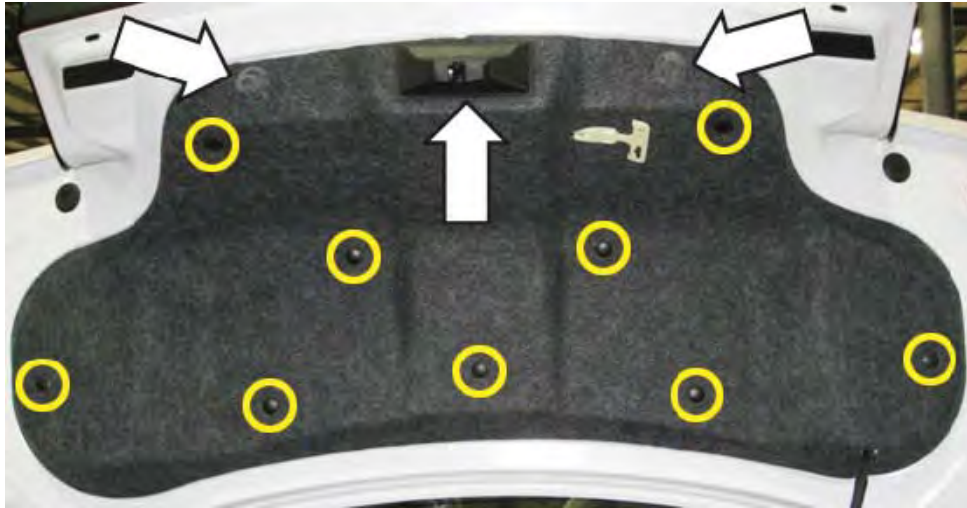


14. Congratulations! You have completed the installation process. Please register your Roush supercharger kit for your warranty, scan the QR code below or go to: <https://support.roushperformance.com/s/article/ROUSH-Performance-Warranty-Information>



Installation FOR 2015-2023 Model Years

1. Open the vehicle trunk and remove the carpeting on the underside of the trunk lid by removing the push pins (circled), unscrewing the rubber bumpers (left and right arrows), and feeding the latch/release through the holes in the carpet (center arrow). Save all parts for re-use.



2. Locate tool kit mounting brackets and eight (8) self tapping screws (PN: R07030003-13). Note: Reference the chart below for the correct mounting brackets.

VEHICLE TYPE	PART	PN	Quantity
CONVERTIBLE	TOOL BOX MOUNTING BRACKET - LEFT HAND CONVERTIBLE	1315-30006LH	1
	TOOL BOX MOUNTING BRACKET - RIGH HAND CONVERTIBLE	1315-30006RH	1
FASTBACK	TOOL BOX MOUNTING BRACKET - LEFT HAND FAST BACK	1315-30016LH	1
	TOOL BOX MOUNTING BRACKET - RIGHT HAND FAST BACK	1315-30016RH	1



3. Cut out either the fastback or convertible **TRUNK MOUNTING BRACKETS TEMPLATE** located in the back of this manual (Pages 22-23). With the carpet removed, position the template on the bottom of the trunk lid. Place the bracket on top of the template to confirm the horizontal distance between the two bottom screw locations is correct. Use a center punch on the indicated areas, creating locating marks for the bottom screws. Repeat for the other side.



Fastback Bracket Template



Convertible Bracket Template



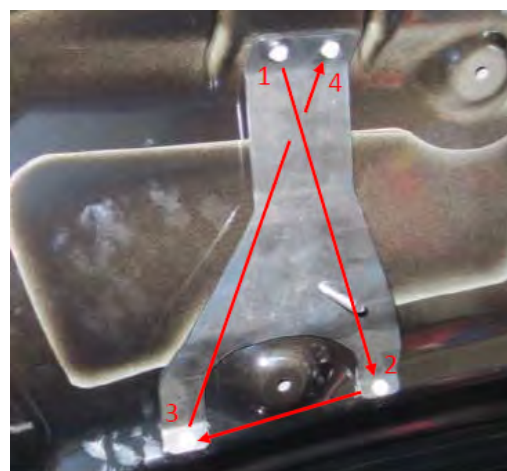
Step 3 Continued - Center Punch Process

4. Drill pilot holes at the center-punched locations using 3/32" drill bit, then take one of the eight (8) self-tapping screws (R07030003-13) and use it to drill out the punched marks from the last step.



5. Fasten the toolkit mounting brackets to the underside of the trunk in the order shown below using the eight (8) self-tapping screws (R07030003-13) and the holes created in the last step. Note: Pay attention to the stamped part numbers in order to mount LH and RH sides appropriately. (LH is the driver side.)

VEHICLE TYPE	PART	PN	Quantity
CONVERTIBLE	TOOL BOX MOUNTING BRACKET - LEFT HAND CONVERTIBLE	1315-30006LH	1
	TOOL BOX MOUNTING BRACKET - RIGH HAND CONVERTIBLE	1315-30006RH	1
FASTBACK	TOOL BOX MOUNTING BRACKET - LEFT HAND FAST BACK	1315-30016LH	1
	TOOL BOX MOUNTING BRACKET - RIGHT HAND FAST BACK	1315-30016RH	1



6. Completed bracket installation as shown below.



7. Cut out and lay the provided fastback or convertible **TOOLKIT CARPET TEMPLATE** found at the back of this instruction manual (Pages 24-25) on the underside (visible side) of the carpet. Make sure to line up the holes with the holes on the carpet for the push pins and pay attention to which side of the template is facing upwards as it gets flipped for use on the opposite side. Using the razor blade, cut across into the carpet where the template shows. Passenger side shown below.

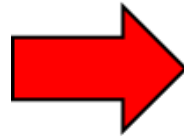
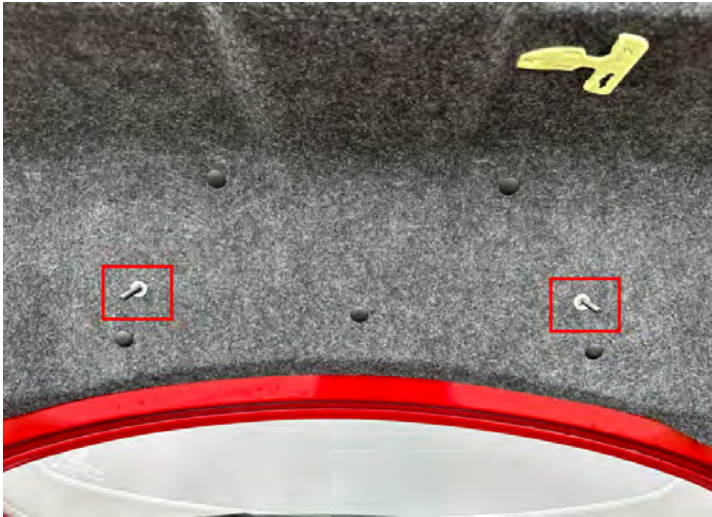


Fastback Carpet Template



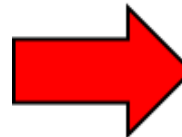
Convertible Carpet Template

8. Re-install the carpet in the reverse order from step 1, making sure to feed the studs on the mounting brackets through the holes on the carpet made from the last step. Install the nylon washers (PN: W15X6X1-P-NF) onto the two (2) mounting bracket studs as shown. Note: the two trunk bracket studs on the brackets are 17 1/8th inches apart.

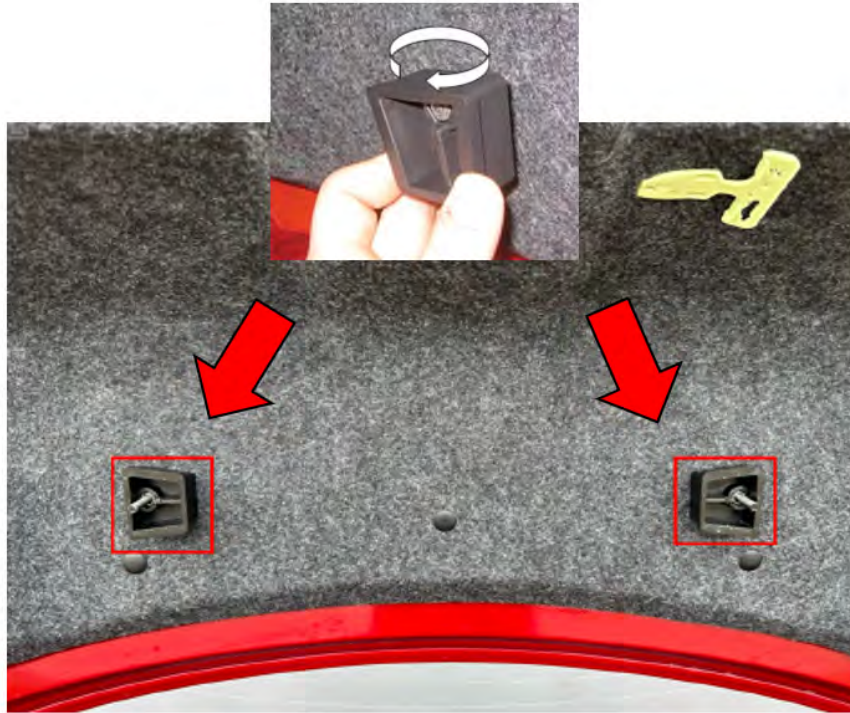


Install nylon washers onto studs

9. Locate the Roush toolbox (PN: 1314-TOOLKIT), and mounting hardware Included in the toolbox (two (2) brackets with nuts, two (2) washers, and two (2) bolts).

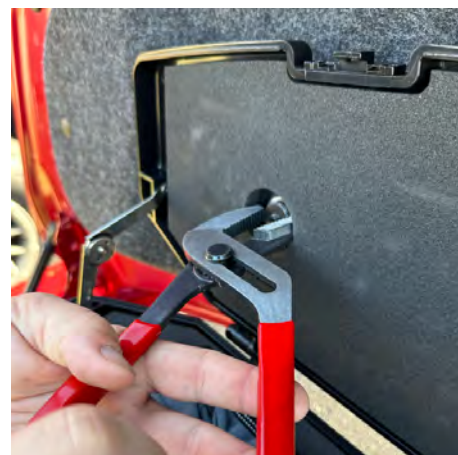
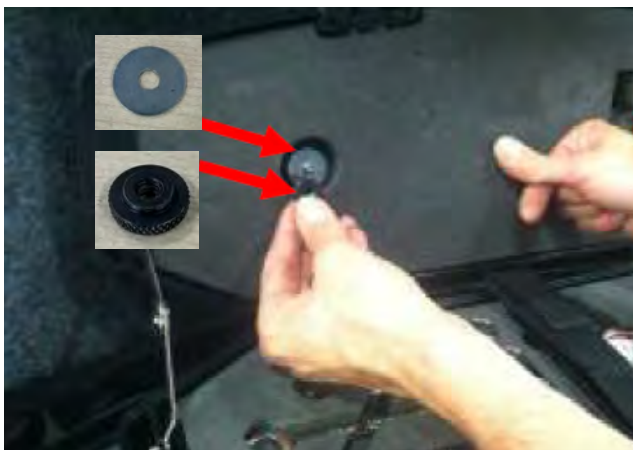


10. Install the two (2) plastic adapter brackets onto the studs in locations shown below. Turn the plastic adapter bracket clockwise (right) onto the stud until the gap between the carpet and the spacer is closed. Note the correct orientation as shown below.



11. Locate and Place the toolbox (PN: 1314-TOOLKIT) onto the studs using the holes on the backside of the toolbox. **You will need to remove the gloves from the toolbox to access the RH hole.** Fasten the toolbox using a washer from the hardware kit on the stud, followed by a thumb-nut (PN: NM6X100X1S). Firmly tighten the thumb-nut with hands (If needed, use a plier tool as shown)

Note: ROUSH recommends applying a small amount of thread-lock to the thumb-nut if the customer doesn't plan on removing the toolkit from the vehicle often.



12. Repeat the last step for the other side. Once the Toolbox is secured onto the trunk, put the gloves back into the toolbox location as shown.



13. Note this is what the Roush Tool Kit looks like when it is installed correctly.



14. Congratulations! You have completed the installation process. Please register your Roush supercharger kit for your warranty, scan the QR code below or go to: <https://support.roushperformance.com/s/article/ROUSH-Performance-Warranty-Information>

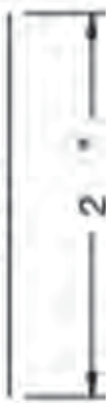


DRILL HOLES FOR BRACKET

CUT ALONG DASHED LINES

COUPE TRUNK MOUNTING BRACKET TEMPLATE
PASSENGER SIDE
(FLIP FOR DRIVERS SIDE)

SCALE

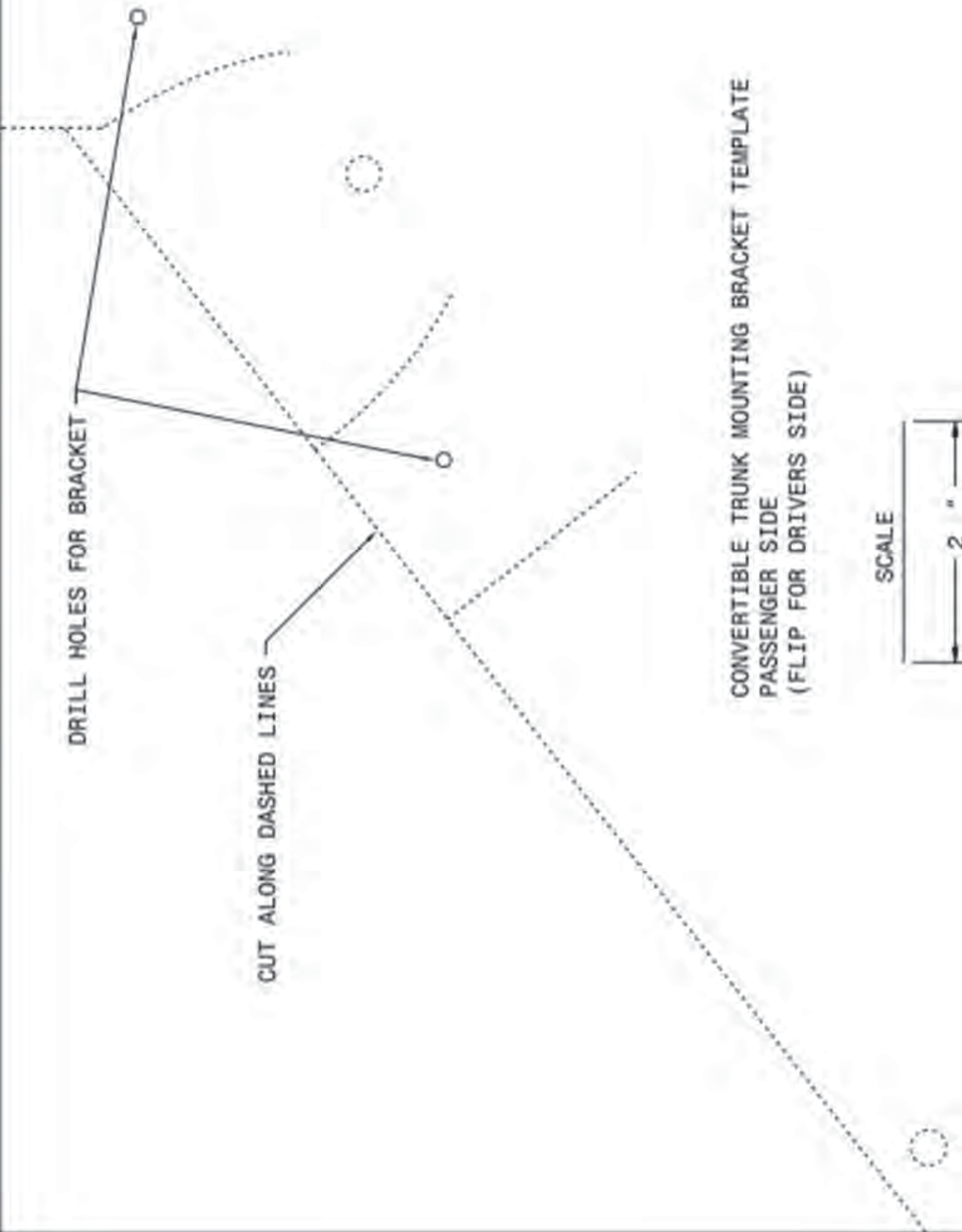
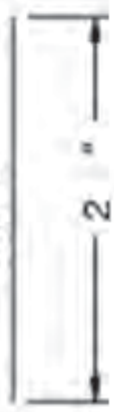


DRILL HOLES FOR BRACKET

CUT ALONG DASHED LINES

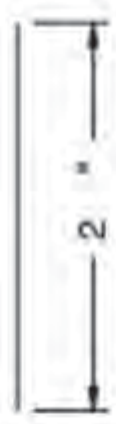
CONVERTIBLE TRUNK MOUNTING BRACKET TEMPLATE
PASSENGER SIDE
(FLIP FOR DRIVERS SIDE)

SCALE



COUPE TOOL KIT CARPET TEMPLATE
PASSENGER SIDE
(FLIP FOR DRIVERS SIDE)

SCALE





CONVERTIBLE TOOL KIT CARPET TEMPLATE
PASSENGER SIDE
(FLIP FOR DRIVERS SIDE)

SCALE

