



Brake Master Cylinder Brace Kit

Part Number: 601-001

2017-2023 Tesla Model 3

Installation Instructions

For technical inquiries please email us at tech@hpsperformanceproducts.com

In the email, please include the following information for faster response:

- Year / Make / Model / Engine of your vehicle.
- If it is a fitment issue, please include pictures showing the fitment problem.
- If there are missing parts, please list the part number(s) from the bill of materials on the 2nd page.
- Optional but recommended – Your contact phone number and preferred call back time.

You can also give us a call via 626-747-9200 for tech support Monday-Friday, 9:00am-5:00pm Pacific Time.

Bill of Materials

Kit Number: 601-001

Line #	Description	Part Number	Qty
1	Master Cylinder Brace	MCB-001	1
2	High-Strength Steel Nylon-Insert Flange Locknut, M6 x 1 mm Thread	99908A101	1
3	Steel Flanged Hex Head Screw, M6 x 1 mm Thread, 30 mm Long	94036A231	1
4	Steel Screw, Flanged Hex Head, M10 x 1.50mm, 35mm Long	93474A224	1
5	Steel Screw, Flanged Hex Head, M10 x 1.50mm, 70mm Long	93474A228	1
6	Aluminum Unthreaded Spacer, 16 mm OD, 13 mm Long, for M8 Screw	HW-FS-M8-13	1
7	Aluminum Unthreaded Spacer, 19 mm OD, 8 mm Long, for M10 Screw	HW-FS-M10-8	1
8	Nickel-Plated Steel Swivel Foot	6111K178	1



- Before installing any parts, please read the instructions thoroughly.
- Verify the contents of this kit before disassembling your vehicle.
- DO NOT INSTALL IF ANY PARTS ARE MISSING OR DAMAGED.
CONTACT tech@hpsperformanceproducts.com IMMEDIATELY.
WE ARE NOT RESPONSIBLE FOR ANY DAMAGE CAUSED DUE TO IMPROPER INSTALLATION.
- Installation requires moderate mechanical skills. A qualified mechanic is highly recommended.
- For technical inquiries, please email us at tech@hpsperformanceproducts.com.

TOOLS REQUIRED

- Sockets: 10mm, 15mm
- Ratchets: ¼” and ⅜”
- Wrench: 10mm, 16mm
- Torque wrench

PLEASE READ CAREFULLY BEFORE INSTALLATION!

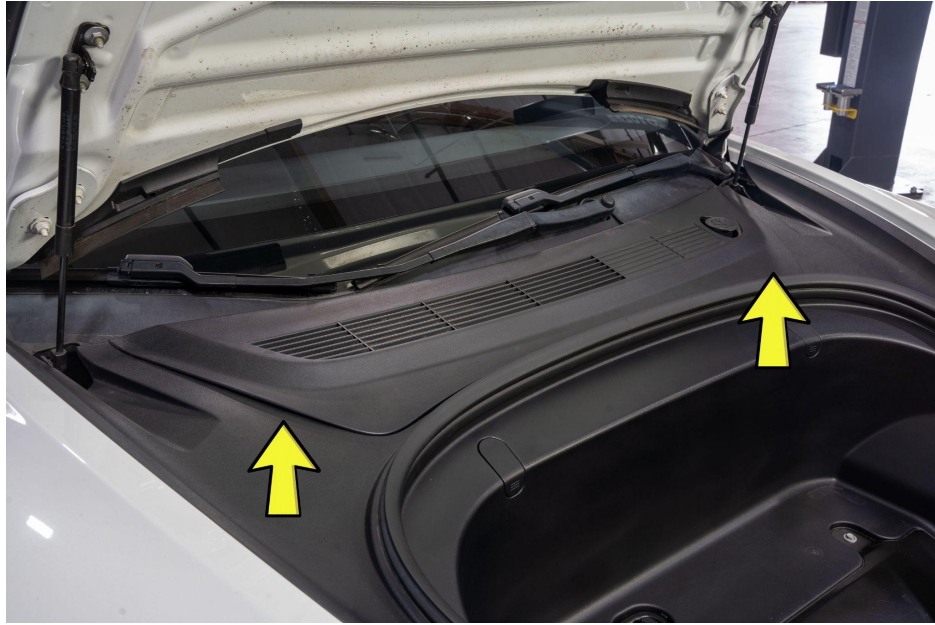
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy vital components of your vehicle! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

NOTE: HPS holds no responsibility for any damage that results from misuse of this product.

GETTING STARTED



1. Open the frunk.



2. Pull up and remove the cowl apron panel.



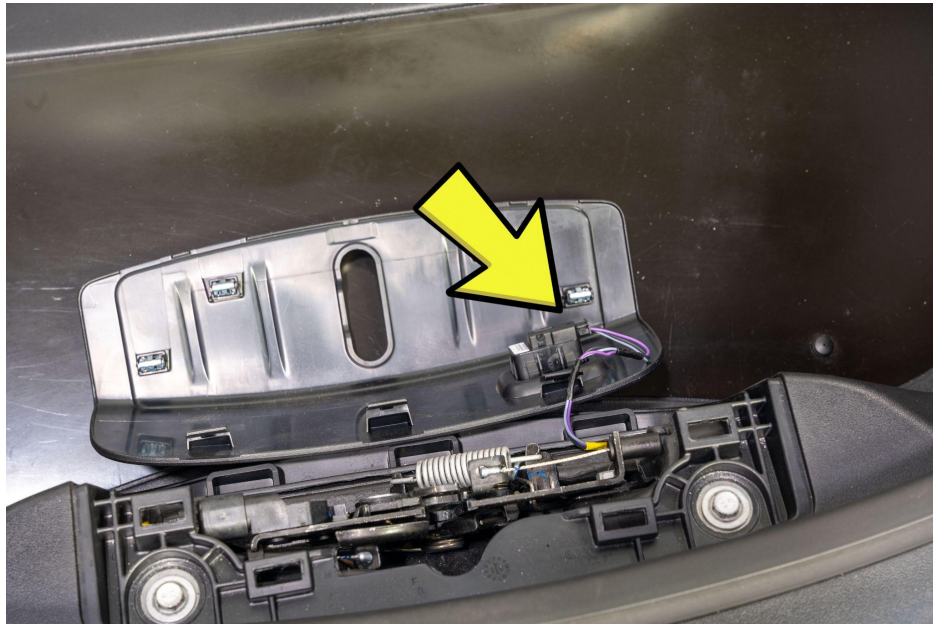
3. Pull up to remove the cabin air inlet duct.



4. Remove the bolt located in front of the windshield washer reservoir using a 10mm socket.



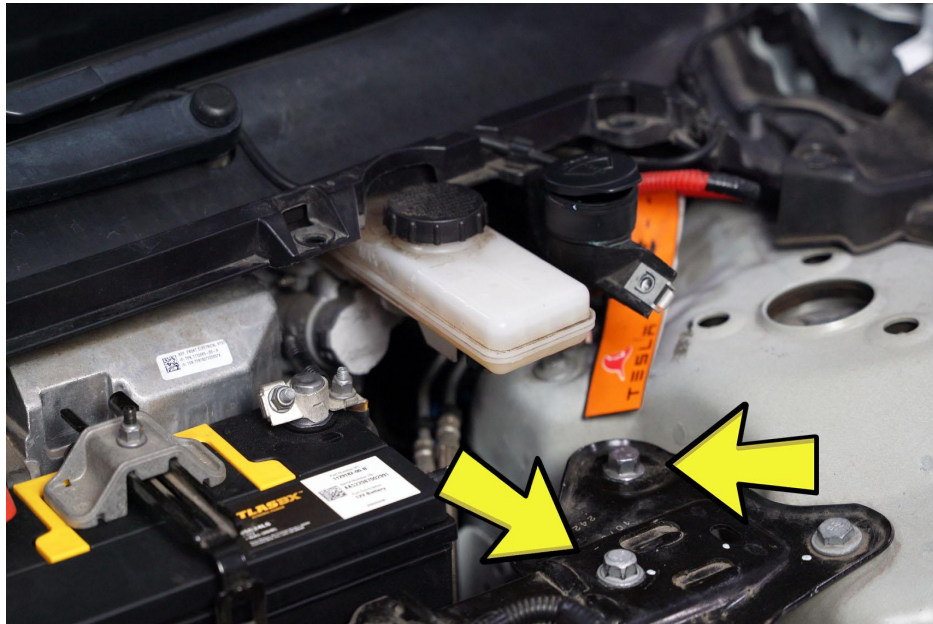
5. Lift up and remove the frunk latch cover panel. NOTE: There will be a wire attached underneath so do not pull too far out.



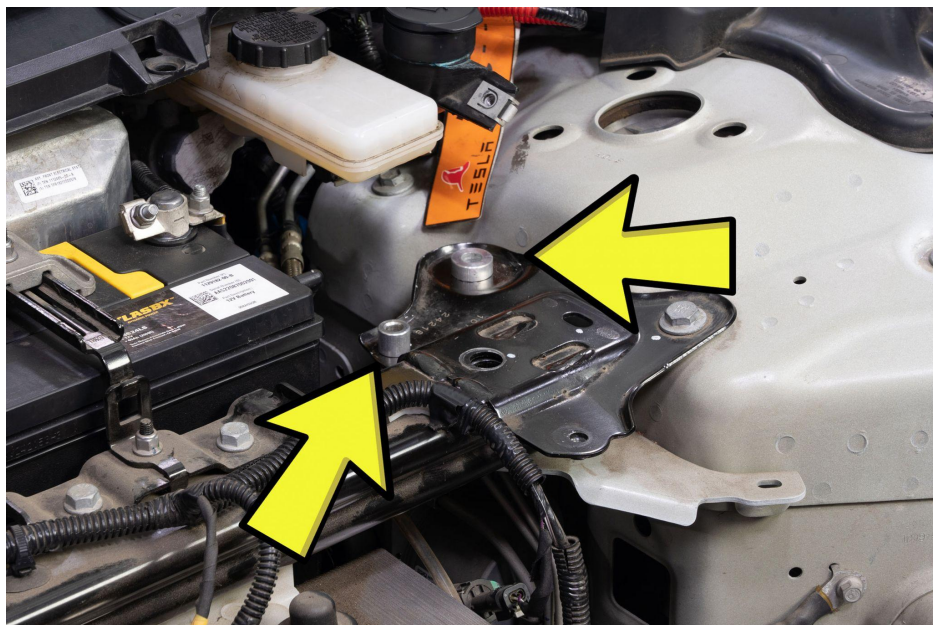
6. Unplug the frunk light wire harness from the panel.



7. Use a 10mm socket and remove the 6 bolts from the frunk storage compartment tub. Remove the frunk storage compartment tub.



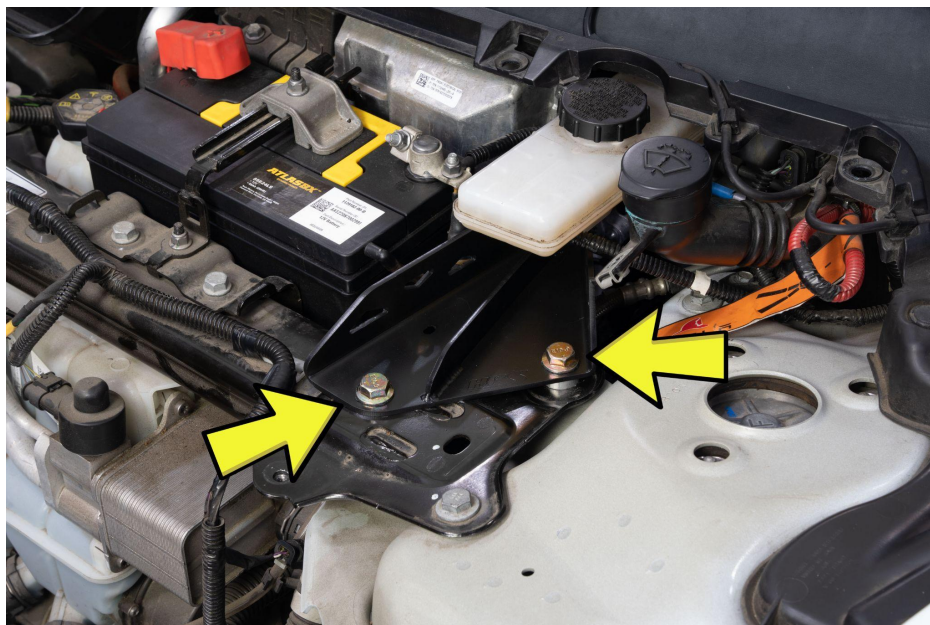
8. Use a 15mm socket to remove the two bolts from the stock center bar as shown in the image.



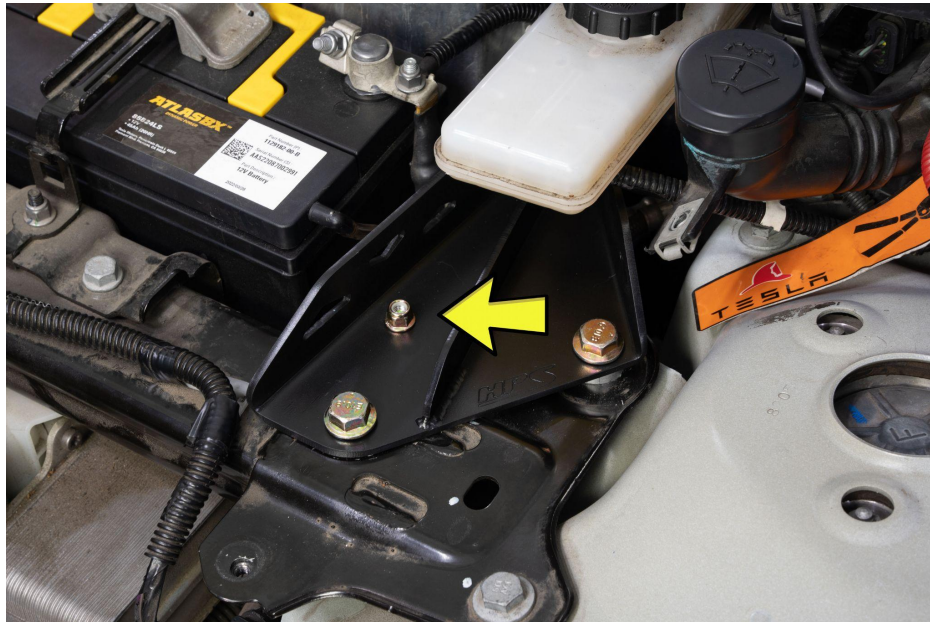
9. Place the provided M8 and M10 spacers onto the stock center bar as pictured above.



10. Using caution to avoid dropping the spacers, place the HPS master cylinder brace onto the stock center bar.



11. Install the provided 70mm long M10 bolt into the hole closest to the front of the car and the 35mm long M10 bolt to the hole closest to the driver side fender. Use a 15mm socket and torque to 22 ft-lbs.



12. Insert the M6 x 1 mm 30mm long bolt from under the stock center bar and secure the bolt using the provided M6 x 1 mm nylon lock nut using a 10mm socket. Use a 10mm socket and torque to 54 in-lbs.



13. Tighten the foot by hand by turning the adjuster clockwise until it rests snug against the master cylinder. Once it rests snug against the master cylinder, use a 16mm wrench to tighten an additional half turn.

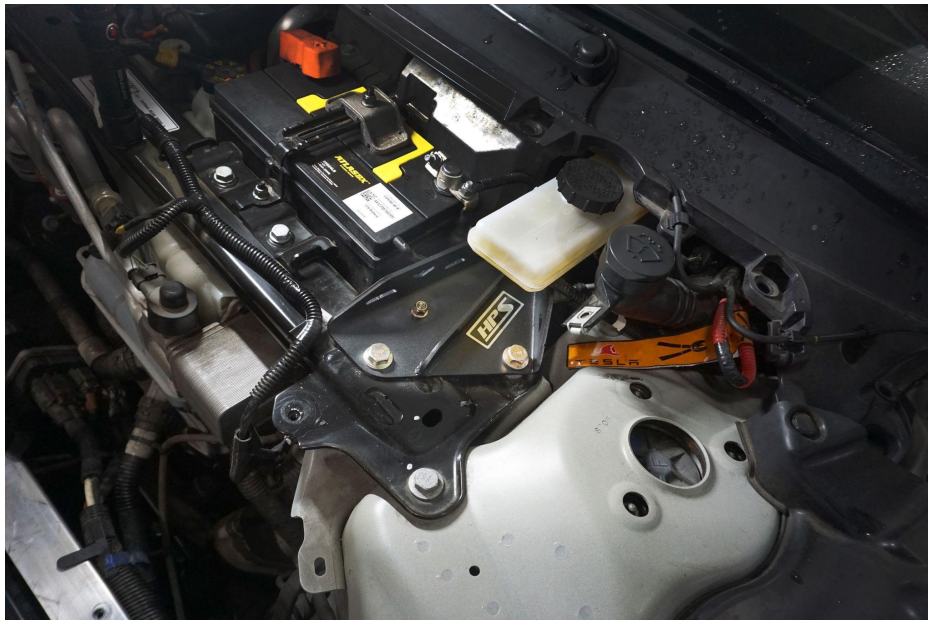


14. Lastly, use a 14mm deep socket to tighten the jam nut to lock the foot.

FINAL STEPS

Double-check and make sure the master cylinder brace is tightened down to the provided torque specifications.

Reinstall the stock plastic panels back onto the vehicle in the reverse order that they were removed. Make sure that no wires or hoses are pinched before reinstalling and fastening the panels.



Also available
Front Skid Plate
for
2017-2023 Tesla Model 3
2020-2023 Tesla Model Y



- Protect your Tesla's coolant lines and high voltage cables
- Precision cut from 1/8" thick 5052 Aluminum
- Stainless Steel Hardware is included
- Direct bolt-on installation

Part Number: [SP-101](#)

Contact our authorized dealers for the best pricing

or

Visit our website at www.hpsperformanceproducts.com for more details