



INSTALLATION INSTRUCTIONS

MASTER CYLINDER BRACE

2015+ SUBARU WRX AND STI (LHD ONLY)

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Support: info@radiumauto.com

This document covers the installation of a Radium brake master cylinder brace (LHD only).

For 2015+ WRX (FA20 engine) follow steps 1-4
For 2015+ STi (EJ engine) follow steps 5-10

STEP	TOOLS NEEDED	INSTRUCTIONS	PHOTO
1	10mm socket	Installation for 2015+ WRX Remove the two screws holding the brackets to the left strut tower near the master cylinder (M/C).	
2		Unclip the hoses and wire harness and remove the brackets.	
3	4mm Allen wrench	Line up the brace's mounting holes with the strut tower threaded holes. Install the 3 provided button head socket screws into the mounting holes and tighten with a 4mm Allen wrench. Screw the green bolt into the silver nut and half way into the threaded hole of the master cylinder brace. NOTE: For certain master cylinders, the nut should be on the same side of the brace as the bolt head (see next step for other master cylinders).	
4	13mm wrench	In some cases the bolt may not reach. In this case, install the silver nut on the opposite side of the mount, as shown. Install the black contact "foot" on the M/C, with curved profile matching the M/C. Thread the green bolt in by hand until it is touching the foot. Add a small amount of preload to the green bolt, then gently lock it in place by tightening the silver nut. DO NOT OVER-TORQUE!! This can lead to breaking of the green bolt. If this happens, replace the bolt with a 5/16-18 x1" steel bolt from a hardware store. Secure the wiring harness from step 2 in a manner that prevents it from becoming chafed on adjacent parts. Installation Complete.	

5	10mm socket	Installation for 2015+ STi	
		Remove the two screws holding the brackets to the left strut tower. Remove the lower (silver color) bracket, it will not be reused.	
6		Remove the fuel line bracket from the engine bay and unclip the plastic part from the metal bracket. These parts will be reused.	
7	4mm Allen wrench	Proceed to install the brace as shown.	
		Install the two forward bolts and hand tighten. Leave the bolt out of the hole nearest the firewall.	
8	4mm Allen wrench	For the last mounting bolt (nearest the firewall), insert the bolt through the fuel line bracket as shown. Make sure the bracket is oriented as shown and the bolt is in the upper hole as shown.	
		Install this assembly into the last hole on the brake master cylinder brace. Make sure the bracket is pointed straight up and tighten the bolt.	
		Proceed to tighten the remaining mounting bolts on the master cylinder brace.	
9		Install the plastic clip on the fuel lines according to the picture, with the plastic snap pointing toward the engine.	
10		Install the plastic clip into the metal bracket as shown.	

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Install the small black anodized contact foot on the end of the master cylinder as shown. Make sure the curved surface inside the foot lines up with the outside diameter of the master cylinder.

Thread the green bolt in by hand until it is touching the foot. Add a small amount of preload to the green bolt, then lock it in place by gently tightening the silver nut. **DO NOT OVER-TORQUE!!** This can lead to breaking of the green bolt. If this happens, replace the bolt with a 5/16-18 x1" steel bolt from a hardware store.

Secure the wiring harness from step 5 in a manner that prevents it from becoming chafed on adjacent parts. **Installation Complete.**

