

# INSTALLATION INSTRUCTIONS







## MASTER CYLINDER BRACE






### MAZDA MX-5 (LHD ONLY)

Document: 19-0329

Support: info@radiumauto.com

STEP	TOOLS NEEDED	INSTRUCTIONS	PHOTO
1		Unlatch, open, and prop the hood (bonnet).	
		Many strut bars (including OEM) require longer strut studs to be installed. In this case, properly lift the vehicle and remove the front driverside wheel.	
2	14mm Socket Wrench	Remove the upper shock nuts. If applicable, remove the strut tower bar.	
3	13mm Socket Wrench	Spin the provided M8x1.25mm flange nut down just a few threads. Leave a large gap. Do NOT tighten.	
	Socket Extension	Using a socket and extension, hammer downwards on the nut until the OEM studs drops out.	
	Hammer	NOTE: The provided nuts are 13mm. Be careful not to get these confused with the OEM 14mm nuts.	
4		There will now be a splined hole.	
5		The OEM stud will look as pictured.	

6	Lubrication	Lubricate the knurled splines on the provided longer stud.	
7		From underneath, press the stud up through the hole, as shown.	
8	13mm Socket Wrench	Using an impact gun, tighten the nut until the stud splines fully seat. Now remove and discard the nut.	
	Impact Gun		
		Perform this same procedure for the other stud.	
9		There is another pair of longer studs included for the passenger side strut.	
10		If using a strut bar, note that the brake master cylinder brace will slightly shim the driverside strut bar upwards. To counter this, be sure to place the provided spacers underneath the passenger side strut bar mount. This will shim up and permit the strut bar to be horizontally level.	
11		Find the master cylinder brace, the green aluminum bolt, and the 2 hex nuts provided in the kit.	
		First, thread one of the hex nuts onto the green aluminum bolt.	
		Next, thread the green bolt into the master cylinder brace in the direction shown. Finally, thread the other hex nut onto the green aluminum bolt.	

12		Place the master cylinder brace down onto the strut studs, as shown. Loosen each nut so they are not touching either side of the master cylinder brace.	
13	14mm Socket Torque Wrench	If applicable, reinstall the strut tower bar. Torque the OEM nuts to 30 lb-ft (40 Nm).	
14	1/2" Wrench	Rotate the aluminum nut until it is hard up against the master cylinder.	
15		Thread the frontmost hex nut (furthest from the master cylinder) until it is up against the master cylinder brace, as shown.	
16	1/2" Wrench 13mm Wrench	Hold the green aluminum bolt in place while tightening the other hex nut up against the master cylinder brace.	
17		Double check that all hardware is tight. Test the pedal feel.  <b>INSTALLATION COMPLETE</b>	