

Performance Installs

L15-6-171-10 Rear Motor Mount

Installation Instructions for the 27WON Performance Rear Motor Mount on 2016+ Honda Civic & 2017+ Civic Type-R

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INTRODUCTION

In this installation guide we have provided step by step instructions to remove the OEM rear motor mount and install the 27WON Performance Rear Motor Mount.

Advisory:

- Working under the vehicle requires a safe and sturdy location for the vehicle to sit on jackstands.
- The engine & exhaust can be hot after recent vehicle operation. Allow the vehicle to cool or use a fan to cool before working on the vehicle.



TOOLS:

- [Hydraulic Jack](#) (1)
- [Jack Stand](#) (2)
- [10mm Socket](#) (1)
- [17mm Socket - Shallow](#) (1)
- [17mm Box-End Wrench](#) (1)
- [19mm Socket - Shallow](#) (1)
- [19mm Box-End Wrench](#) (1)
- [1/2" Breaker Bar](#) (1)
- [1/2" Torque Wrench](#) (1)
- [5mm Allen Wrench](#) (1)
- [Flat Head Screwdriver - Large](#) (1)
- [Pry Bar](#) (1)



PARTS:

- [Assembled Rear Motor Mount](#) (1)
-

Step 1 — Getting Started



- First and foremost; **THANK YOU** for becoming a part of the 27WON Family. We hope to **REDEFINE** your experience of the aftermarket with the highest level Parts, Customer Service, Packaging, & Support

⚠ 27WON Performance has worked hard to design a Performance RMM that performs great and minimizes unwanted harshness to the vehicle passenger compartment, however Performance Engine Mounts will increase the NVH (Noise, Vibration, Harshness) of the vehicle over OEM levels.

Step 2 — Accessing the Rear Motor Mount



- Raise the vehicle and support with jackstands in the OE recommended locations
- Use a flathead screwdriver to remove the six (6) click-lock fasteners
- Use 5mm Allen Key to remove the two (2) bolts shown
- Slide the metal undertray section towards the rear of the car off the plastic retention clips, then remove from vehicle
- Use 10mm socket & ratchet to remove the three (3) bolts shown
- Use a flathead screwdriver to remove the two (2) plastic push-clips

Step 3 — Remove OE Rear Motor Mount - Part A



- Using a 19mm socket and breaker bar, loosen the engine side RMM bolt
- Using a 17mm socket and breaker bar, loosen the chassis side RMM bolt
- Unthread and remove the 17mm chassis side RMM bolt
 - ⓘ The plastic undertray will need to be pulled downward to provide clearance - the plastic can flex enough to provide clearance without issue
- Unthread the 19mm engine side RMM bolt
 - Due to the front-pipe location, the engine side RMM bolt will only unthread to this extent - this is not an issue for RMM removal

Step 4 — Remove OE Rear Motor Mount - Part B



- ⓘ For improved clarity we have provided an image of the Civic 1.5L MT transmission and the Civic Type-R transmission
- ⓘ To remove/install the RMM, the transmission must be rotated forward to provide extra clearance
- **Civic 1.5L MT Transmission** prying location
- **Civic Type-R MT Transmission** prying location
- Place the pry bar on the chassis as shown
- Using the pry bar, pry against the transmission as shown - rotate the transmission forward ~1"
- Pull the engine side of the RMM downward and out of the engine mounting bracket
- With the RMM angled downward, pull the RMM forward and out of the chassis

Step 5 — The 27WON RMM



i The 27WON RMM was design to be installed in one orientation. Please review before proceeding to the 27WON RMM isntallation

- **Chassis Side** - This side of the RMM will be mounted to the chassis sub-frame
- **Engine Side** - This side of the RMM will be mounted to the engine side mounting bracket
- **Engraved W Logo** - This logo should face the Right Hand side of the vehicle when installed

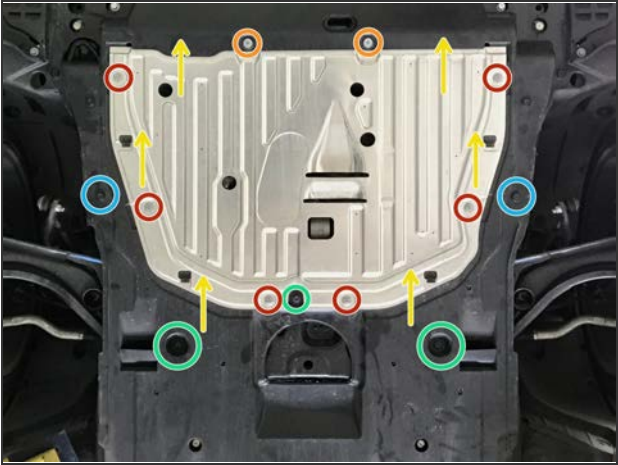
Step 6 — Install 27WON Rear Motor Mount



i The installation of the 27WON RMM will follow the same steps for removal in reverse order

- Partially install the 19mm engine side bolt into the 27WON RMM as shown
- Pry the transmission forward to provide clearance
- Slide the RMM into the chassis as shown
- Rotate the RMM up and into the engine side mounting bracket - the partially installed bolt will align with the slot in the engine side mounting bracket
- Release the pry bar and hand thread the 19mm bolt
- Align the chassis side of the RMM with the hole in the chassis then hand thread the 17mm bolt. **Torque bolt to 65 ft-lbs**
- **Torque bolt to 50 ft-lbs**

Step 7 — Re-Install Metal Undertray



- Install the two (2) plastic push-clips
- Use 10mm socket & torque wrench to install the three (3) bolts. **Torque to 8-12 ft-lbs**
- Slide the metal undertray section towards the front of the car onto the plastic retention clips and aligned with the front valance
- Use 5mm Allen wrench & torque wrench to install the two (2) bolts shown. **Torque to 6-8 ft-lbs**
- Use a flathead screwdriver to install the six (6) click-lock fasteners
- Remove the jackstands and lower the vehicle back to the ground

Step 8 — I Dare You to REDEFINE



- This completes the installation of your 27WON Performance Rear Motor Mount
- We hope you were impressed with your 27WON experience and love your new RMM for years to come. Email us at sales@27won.com or call us at 571-271-0271 with any questions or concerns
- Please Leave a review here: <https://store.27won.com/10th-gen-civic-r...>
- Share your experience using #27WON on Instagram and Facebook