

## Items Supplied >

DESCRIPTION:	QUANTITY:
1. Freeway Bar	x1
2. Engine Mounting Bracket	x1
3. Left-side Strut	x1
4. Right-side Strut	x1
5. M8 x 16mm Flanged Hex Bolt	x10
6. M10 x 140MM Bolt	x1
7. M10 Serrated Nut	x1
8. M10 Washer	x1

## Application(s) >

MAKE:	MODEL:	YEAR:
HONDA	GROM	22-23

## Instruction Manual >

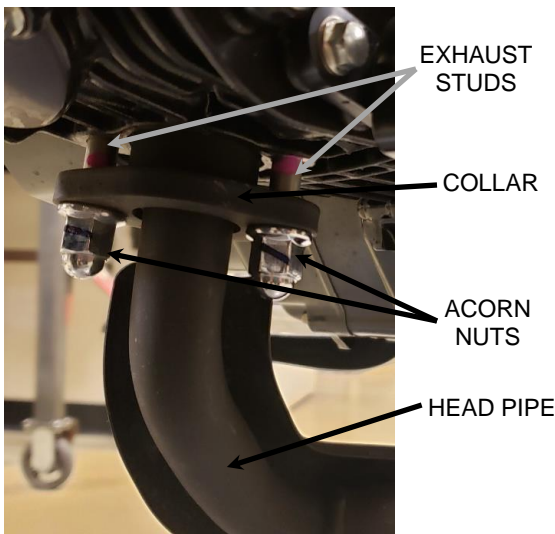
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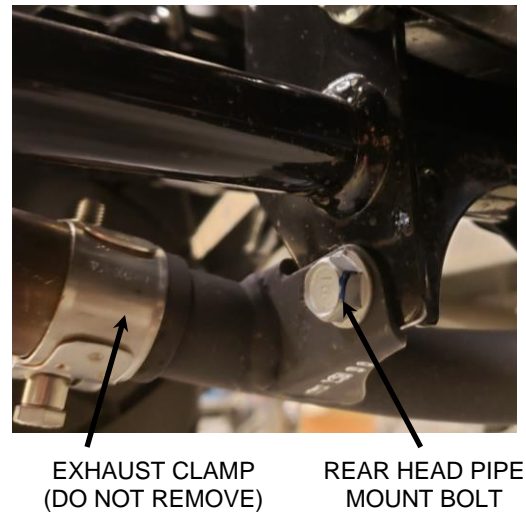
**Read all instructions carefully before installing your new Cobra® product!**

**NOTE: Cobra Freeway Bars add style to your motorcycle. They are not designed to withstand a serious impact and may not protect you and/or your motorcycle in the event of a crash.**

1. Remove any accessories that may prohibit the installation of your new freeway bar.
2. Cover the rear portion of the front fender with masking tape to prevent it from getting scratched during installation.
3. Remove the rear head pipe mount bolt and set aside. Next, remove the two acorn nuts from the front exhaust studs and let the collar slide down the head pipe. The head pipe may now be carefully rotated downwards to make room for the lower engine mounting bracket. See **Figures 1 & 2**. *Note: It is not necessary to remove the exhaust clamp connecting the muffler and the head pipe.*
4. Install the lower engine mounting bracket to the bottom of the engine case by inserting (4) of the supplied M8 x 16mm flanged hex bolts through the holes in the mounting bracket and into the threaded bosses on in the engine case. See **Figure 3**. Snug the bolts but do not tighten at this time.



**FIGURE 1**



**FIGURE 2**

**\* Cobra® recommends you always wear a helmet while riding. Please never operate your motorcycle while under the influence of alcohol and/or drugs. Enjoy the new look of your motorcycle and please ride safely.**

5. If possible, use an assistant to help hold the freeway bar during installation. Carefully position the freeway bar between the engine and the front tire. Make sure not to capture or pinch any cables or wires with the freeway bar.
6. Slide the lower freeway bar brackets over the outside of lower engine mounting bracket and align the holes. Then insert (4) of the provided M8 x 16mm flanged hex bolts through the holes in the freeway bar mounting bracket and into the threaded bosses on in the engine mounting bracket. See **Figure 4**. Snug the bolts but do not tighten at this time.
7. Remove the upper engine mount nut and bolt from the motorcycle and discard. See **Figures 5A & 5B**.
8. Begin installation of the right-side freeway bar strut by carefully routing it behind the motorcycle's ignition wire and aligning the holes of the front strut bracket with the threaded boss on the upper-right freeway bar bracket. Insert (1) provided M8 x 16mm flanged hex bolt through the hole in the front strut bracket and into the threaded boss on the upper-right freeway bar bracket. See **Figure 6B**. Snug the bolt but do not tighten at this time.  
*Note: Use caution when managing the motorcycle ignition wire.*
9. Complete installation of the right-side freeway bar strut by inserting the provided M10 x140 hex bolt through the provided 10mm washer, through the rear strut bracket, and through the upper engine mount on the motorcycle. See **Figure 6A**. *Note: Do not yet install the provided 10mm nut.*

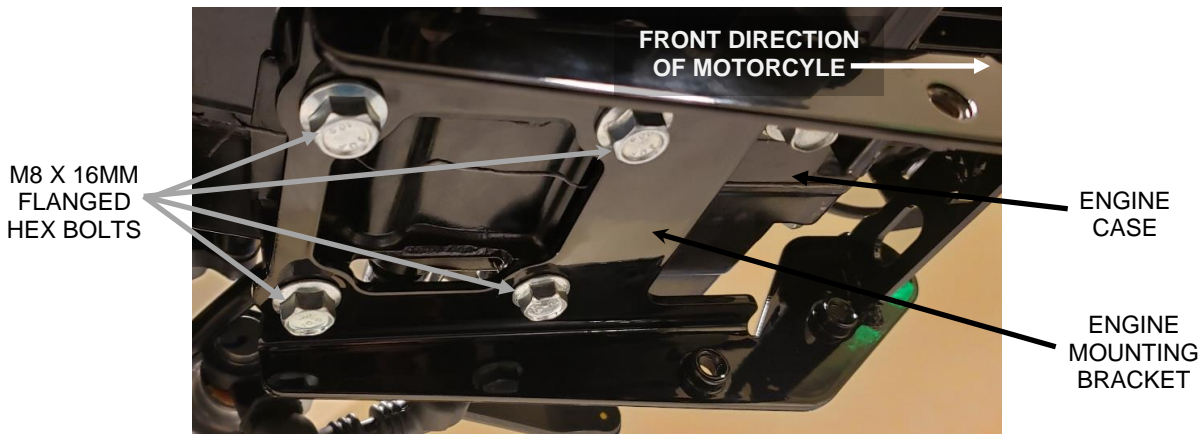


FIGURE 3

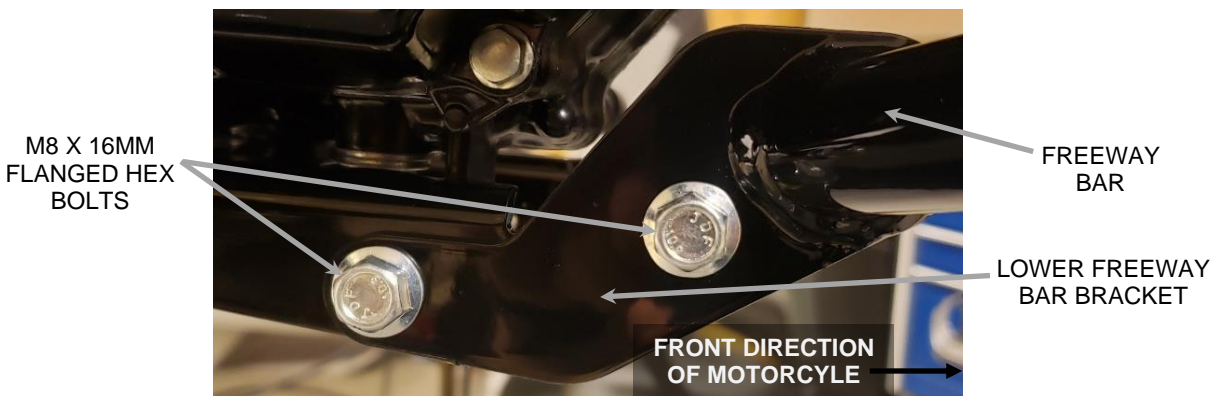


FIGURE 4

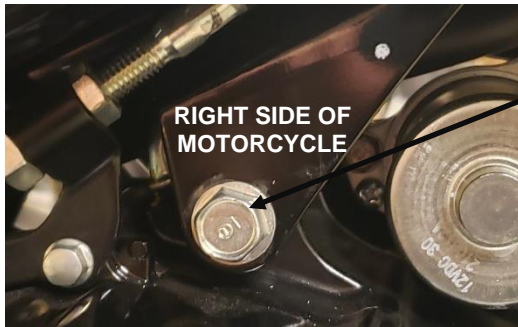


FIGURE 5A

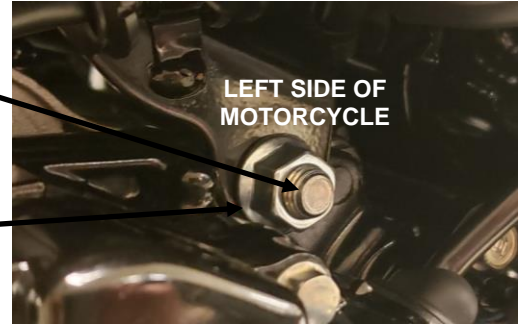


FIGURE 5B

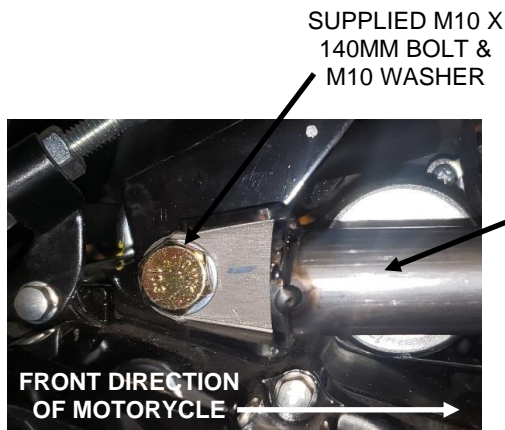


FIGURE 6A

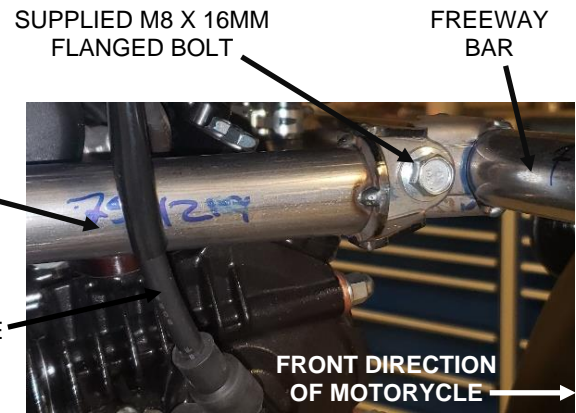


FIGURE 6B

10. Begin installation of the left-side freeway bar strut by guiding the hole of the rear strut bracket over the exposed end of the supplied M10 x 140mm bolt that was installed in **Step 9**. Thread the supplied M10 flanged nut onto the bolt and snug. See **Figure 7B**. Do not tighten at this time.
11. Complete installation of the left-side freeway bar strut by aligning the hole of the front strut bracket with the threaded boss on the upper-left freeway bar bracket. Insert (1) provided M8 x 16mm flanged hex bolt through the hole in the front strut bracket and into the threaded boss on the upper-left freeway bar bracket. See **Figure 7A**. Snug the bolt but do not tighten at this time.
12. Ensure that the freeway bar is positioned correctly, is square and aligned with the motorcycle, and is not interfering with or pinching any cables or wires. Securely tighten all (10) of the M8 bolts in the following order: start with the (4) M8 bolts used to mount the engine bracket, followed by the (4) M8 bolts on the lower left and right-side freeway bar brackets, and then the (2) M8 bolts securing the front strut brackets to the upper freeway bar brackets. Next, securely tighten the M10 engine mount nut and bolt.
13. Reinstall the exhaust head pipe using the stock hardware from **Step 3** and tighten to factory specifications.
14. Retighten all (10) M8 bolts, as well as the M10 engine mount nut and bolt, after the first ride, after the first 500 miles, and at every engine service thereafter.

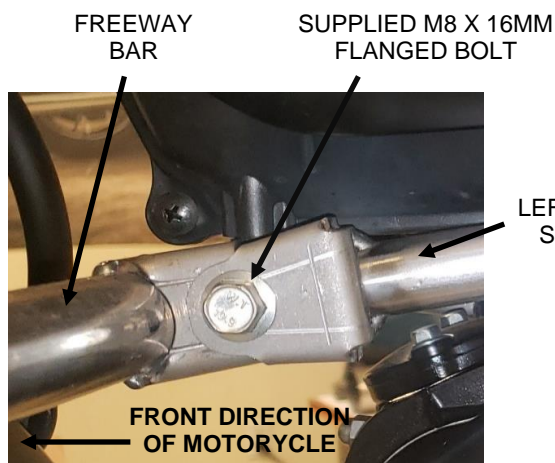


FIGURE 7A



FIGURE 7B

Looking for more Honda Grom accessories? Check out our collection at [cobrausa.com](http://cobrausa.com)

- Slip-on exhaust system, PN 1137B
- Formed luggage rack, PN 02-4107B
- Mini sissy bar, PN 02-8607B
- Rack for sissy bar, PN 02-3607B
- License plate relocater PN 05-9007B

To clean your black accessory use a liquid based soap detergent, such as dishwashing soap applied with a soft cloth and rinse with clean water. Note: Avoid abrasive cleaning methods such as granular or dry cleansers, simple green, Scotch-Brite or steel wool pads. Abrasives may breach the coating and shorten life.