



READ BEFORE INSTALLING

Thank you for purchasing a Circuit Hero strut tower bar. As with all Circuit Hero products, parts are intended for off-road use only.

Our Circuit Hero strut tower bars are manufactured out of steel or stainless steel. Bars made of mild steel will show signs of rust and this is perfectly normal due to the unfinished metal. On the contrary, stainless steel bars will not show or have any signs of rust. We have purposely left our bars unfinished so the enthusiast can choose, at their discretion, to contact their own metal finishing company and have any paint, powder coating or plating treatments applied.

It is also important to note that Circuit Hero manufactures its bars with extremely tight tolerances in its strut tower mounting points and firewall mounting points (3-point version). We do this to provide the best and tightest fitting suspension bar in the market. Installing our bars may scratch the paint in your engine bay.

With such tight tolerances, the overall condition of your vehicle's unibody chassis may or may not affect the ease of installation. Due to general wear and tear or high horsepower chassis flex or accident, the openings on the large center shock tower opening on our flanges may need to be grinded larger in order to complete the installation.

We advise to test-fit the bar first by following the provided instructions or video tutorial. Once the bar has been fitted successfully, it can then be sent out for finishing prior to final installation.

WE CANNOT TAKE BACK ANY BARS THAT HAVE BEEN PAINTED.

*Rear strut tower bars will not fit over interior plastic. You will have to remove or cut your interior panels.



ATTENTION: PLEASE READ BEFORE INSTALLATION

Always make sure the engine is turned off and the engine bay area cool before installing this product.

Always make sure you properly secure the vehicle before installing this product.

Always use the proper type of tools during installation.

Due to the tight tolerances of this product, another set of hands may be needed during installation.

It is recommended to test-install this product first before applying any finish/coating on the bar.

Step 1

Open the hood and then loosen and remove the shock nuts

Loosen and remove the bolts holding the fuel filter and brake line bracket to firewall (if installing the 3-point bar)

Remove the OEM body plugs (if applicable)

**If installing the 3-point front bar, there are 5 holes on the firewall bracket. You may not need to use all of them depending on which car you have and which trim model. Some have different brake line systems.*





Step 2

Slowly raise the front and rear of the vehicle so the chassis is not flexed and place safely on jack stands. Make sure the suspension drops until the shock bolts are ALMOST completely out of the chassis, but not fully out.

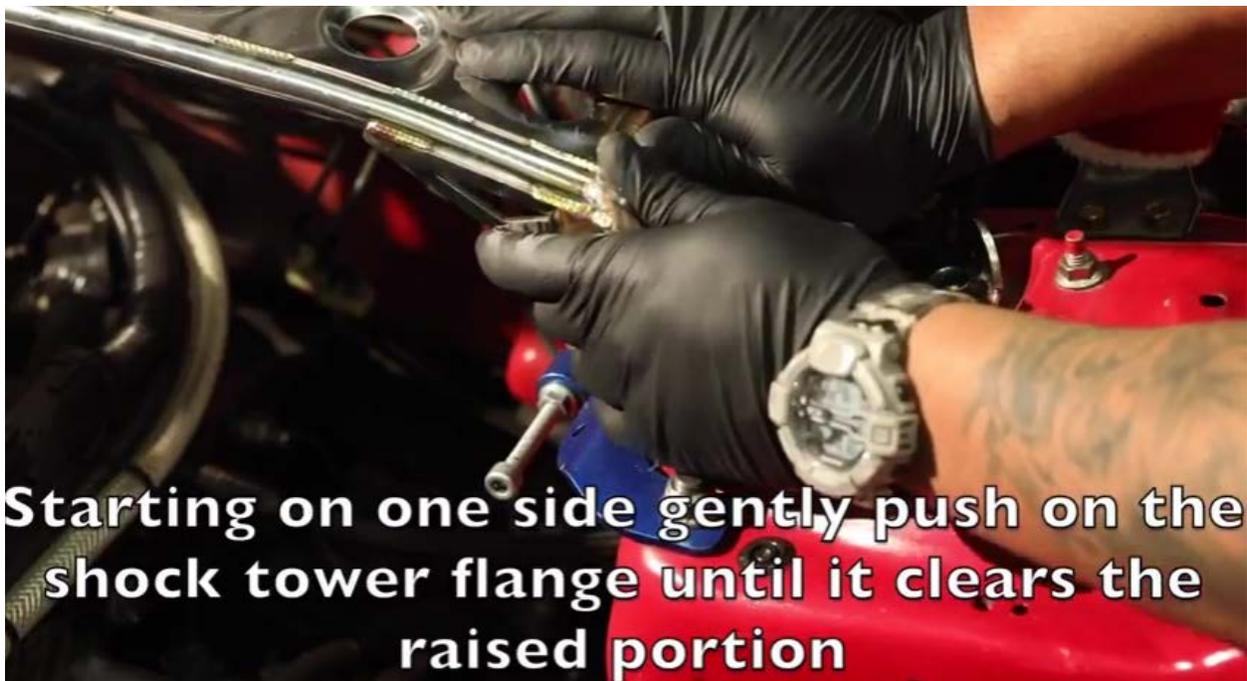


Step 3

Place the strut tower bar over the shock towers, lining up the flange holes over the shock bolts. If you have the 3-point bar, you will need to slide the firewall bracket side in first, then line up the shock tower flanges.

[Here you will notice the extremely tight tolerances of the shock tower flange holes. Circuit Hero has specifically designed the flanges in this manner in order to provide the best and tightest fitting suspension bar in the industry. However, depending on the condition of your unibody (mileage, flex, accident), the openings on the large center shock tower opening on our flanges may need to be grinded larger in order to accommodate any changes.]

Starting on one side, gently push down on the shock tower flange until it clears the raised portion of the shock tower stamping and is sitting down flush. Repeat on other side. Make sure both flanges are sitting down flush on the shock tower.





Step 4

Slowly lower the car or lift the shocks until the top hat bolts raise through the flanges. If you have the 3-point bar please make sure it is sitting on the firewall properly before lowering the vehicle. There will be a small gap along the backside for clearance when re-installing the fuel filter and brake line bracket.

Step 5

Hand-tighten the shock tower bolts. If applicable, re-install the fuel filter and brake line bracket. Hand-tighten the remaining firewall bolts. Once all bolts are in and aligned, please finish tightening and torque to the following specs.

Shock tower: 33 ft/lbs

Firewall: 8 ft/lbs



Hand tighten shock tower bolts



**Torque firewall bolts to
8 ft/lbs**