

RER14371 Magnetic Body Mount Assembly Instructions

MAGNETS NOT INCLUDED

Since there is a good chance these body mounts will be shipping with other parts that aren't necessarily magnet-friendly, the magnets themselves will need to be purchased separately.

DISCLAIMER

3D printed parts are not as strong as molded plastic parts. You should always handle 3D printed parts with care. Once installed, these parts work great and are more than strong enough for the application they're intended for. Although you'll be tempted, do **NOT** squeeze the plastic around the magnet pocket before the magnet is inserted! This piece is very thin to allow the magnets to be close enough to each other to make the strongest hold, and doesn't have very much support until the magnet is in place.

Required for completion:

-4pcs total of 60x10x3mm Neodymium Bar Magnets. We use these:

https://www.amazon.com/LOVIMAG-Powerful-Neodymium-Magnets-Rare-Earth/dp/B08L3FVFFZ/ref=sr_1_6?_encoding=UTF8&c=ts&dchild=1&keywords=Rare+Earth+Magnets&qid=1610386591&s=industrial&sr=1-6&ts_id=1265130011

-In case you use magnets that don't include double-sided tape, this is the tape we recommend using:

https://www.amazon.com/3M-Tape-4910-width-length/dp/B007Y7EWRO/ref=sr_1_3?crid=3L0SCRW343I7E&dchild=1&keywords=3m+clear+double+sided+tape&qid=1615397987&s=industrial&sprefix=3m+cle%2Cindustrial%2C198&sr=1-3

Included in the package:

1pc magnetic front body mount

1pc magnetic rear body mount

2pcs magnetic rear body mount spacers (**Be careful not to lose these when pulling everything out of the bag!**)



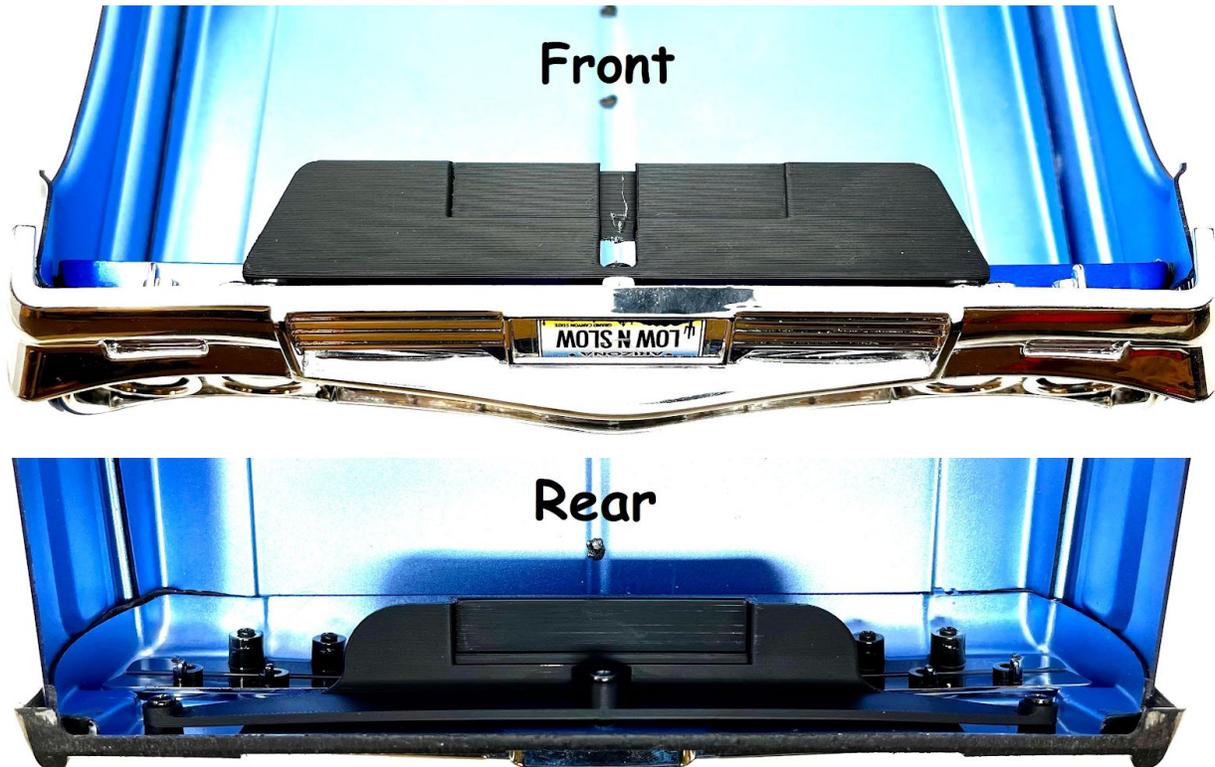
Step 1:

Remove the 3 screws on each of the original body mounts to the bumpers on the SixtyFour body to uninstall them (you'll reuse the same screws in the next step). Now, install one spacer on each end of the rear bumper posts that stick through the body, as shown here:



Step 2:

Install the front and rear body mounts using the original screws you just removed. Note that the thin wall of the magnet pocket will face downward (away from the body), with the end results looking like this:



Step 3:

Insert a magnet into the pocket on each of the body mounts. Be sure to get each corner of the magnet slightly started into the pocket before pushing the magnet straight in. It will be a tight fit, which is very necessary to help prevent the magnet from falling out when the body is off the vehicle, as well as during mounting & unmounting the body. ***Due to slight variances between magnets, it may be necessary to use a sharp hobby knife to slightly trim the top of the edges on each end of the pocket to allow the magnet to get started.*** When installed, the top edge of the magnet should sit slightly below the surface of each pocket as shown:

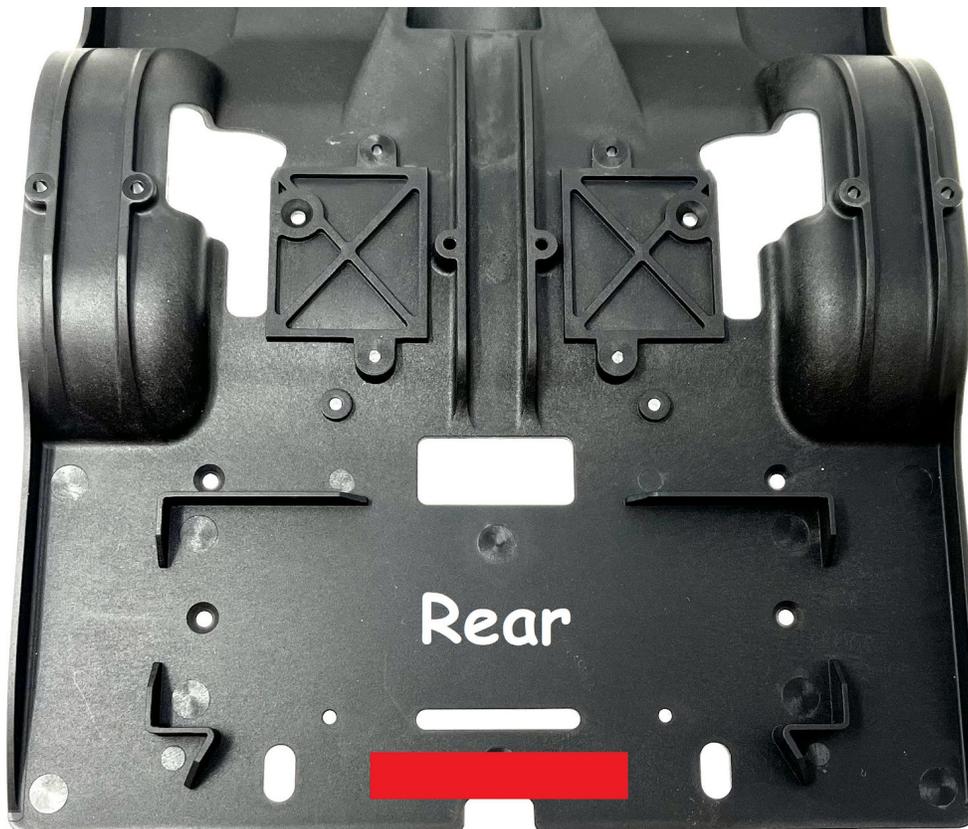
**Step 4:**

Take another magnet, and carefully put it against the magnet that has been inserted into the body mount (***watch your fingers!***). Do this for both the front and rear mounts, and the end result will look like this for each mount:



Step 5:

Clean the exposed side of the magnet (on both front and rear) thoroughly with denatured alcohol, Simple Green, or glass cleaner, and let dry. Now, do the same to the chassis in the following spots shown in red below (it never hurts to clean a slightly larger area than necessary).



Step 6:

Take the included double sided tape that came with the magnets (or use the separate recommended double sided tape listed above), remove one side of the protective paper to expose the sticky surface, and apply them to the exposed magnet as such on both front and rear body mounts:



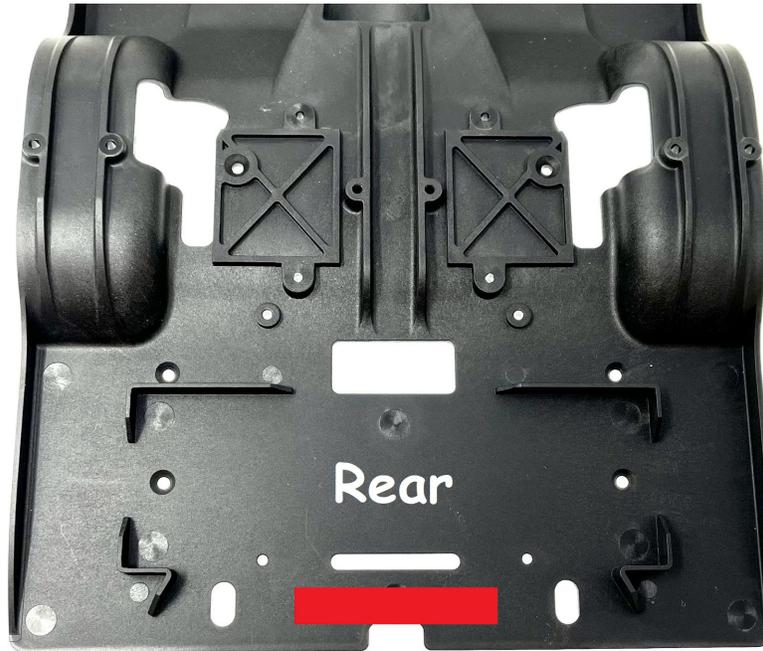
Step 7:

Remove the magnet with the double-sided tape from the **front** body mount and peel off the protective film. Now, place it onto the front section of the chassis as shown below in red. Once it is placed properly (centered left to right, and 14mm from the front edge of the chassis), be sure to push down on all areas of the magnet with a good amount of force to ensure the tape is stuck to the chassis and the magnet as much as possible.



Step 8:

Remove the magnet with the double-sided tape from the *rear* body mount and peel off the protective film. Now, place it onto the chassis as shown below in red. Once it is placed properly (magnet centered left to right, and the back edge of the magnet flush against the front of the small cutout in the chassis), be sure to push down on all areas of the magnet with a good amount of force to ensure the tape is stuck to the chassis and magnet as much as possible.



Everything is now ready to go! Make sure each time you put the body on the vehicle, that all your fenders are clear of the chassis. To remove the body, just grab the body from the front and rear, and "roll" the body off one side of the vehicle.

For any questions, please contact support@redcatracing.com.