

Flyin' Miata

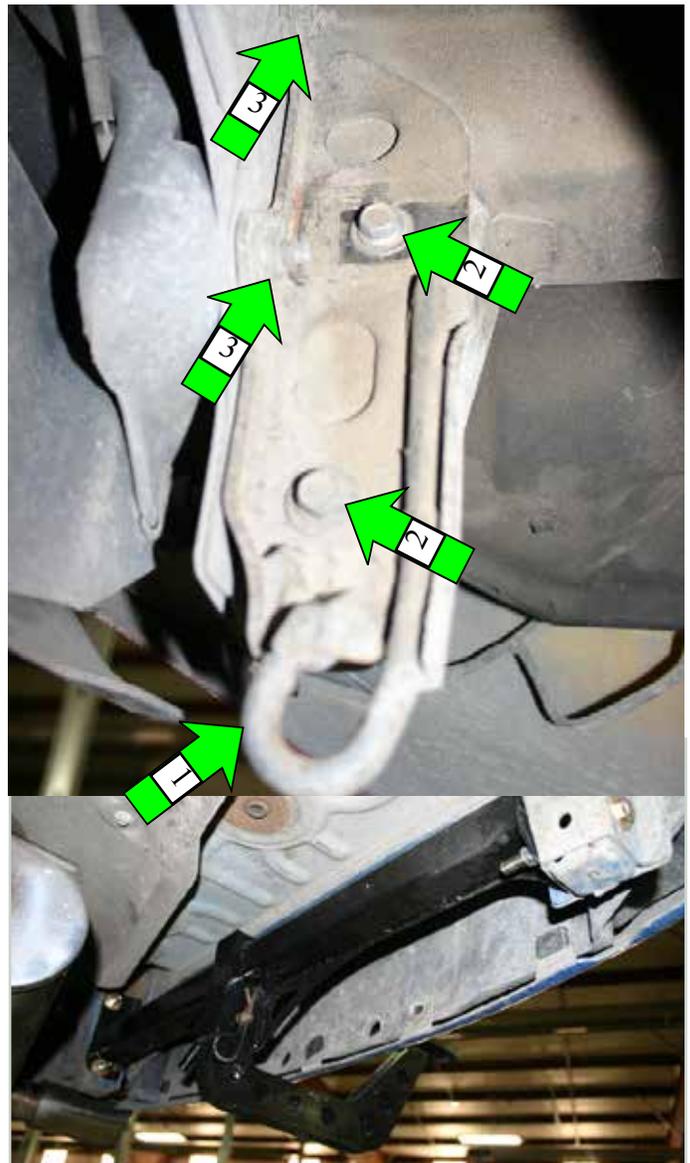
NA lightweight hitch installation instructions 29-50000

Congratulations on purchasing our lightweight hitch setup! These instructions will tell you how to install it on your 1990 - 97 Miata. 1999 - 05 Miatas are not covered, they have separate instructions.

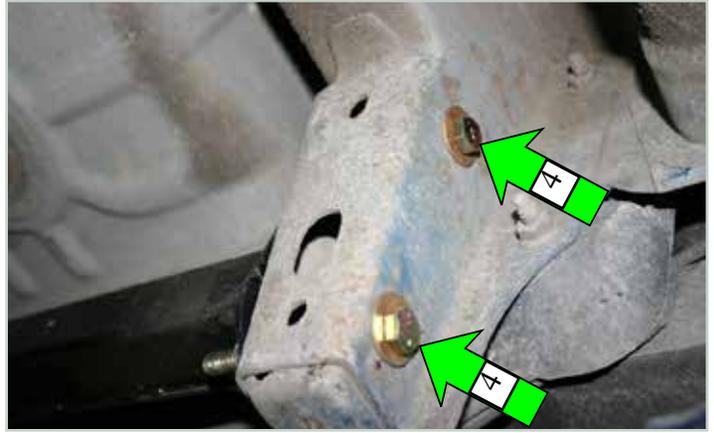
1. You need to get the rear of the car off the ground. Ramps will work fine for this job.

2. Remove the tow hooks from both sides. If you look under the car, you'll see two loops of metal (1), chase these up to find where they're bolted on. There are two bolts (2) and two nuts (3) holding each one on. The top nut will not be used with the hitch, it can be re-installed once the tow hook has been removed. Drill out the threaded nuts (2) on both sides with a 15/32" drill bit (four in total).

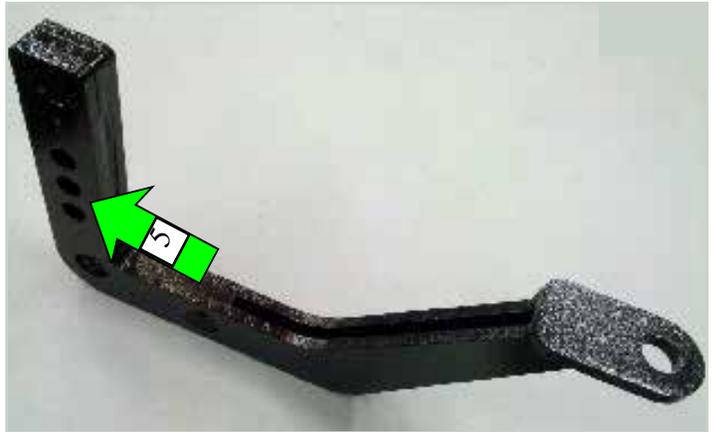
4. Press the hitch into place, lining it up on the lower of the two studs (arrow 3 in the previous picture). This will be a snug fit, it might be necessary to tap it into place with a rubber mallet. Hold the hitch in place by installing the nuts on the studs.



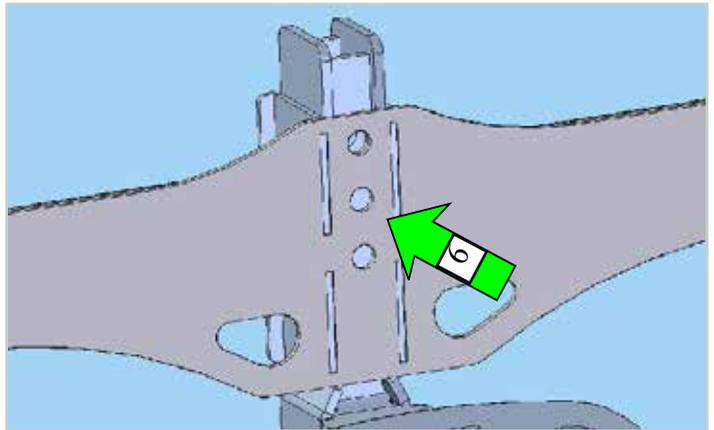
5. Install and tighten the four bolts and nuts (4, two on each side), securing the hitch in place. Be sure to use washers underneath the bolt heads and nuts.



6. The attachment (both the receiver and the ball mount) have three different holes where it connects to the hitch (5). These holes are there to allow clearance for lower bumpers. You should run the mount as high as possible for your car. You may need to remove the sticker from the pin for proper fit. If you're using the receiver attachment, follow the next step. Otherwise, you're done. Go tow something!



Receiver Hitch Attachment only: There are additional holes at the top of the hitch (6) to eliminate the typical hitch wobble. You'll run the included bolt through the appropriate hole (determined by the location chosen in the previous step) and tighten it down. You don't *have* to use this, but it is suggested. That's it, you're done. Now go tow something!



Wiring for trailer lighting is as follows:

- Left turn: green with black stripe
- Right turn: green with white stripe
- Taillights: red with black stripe (both sides)
- Brake lights: green (both sides)