



# Parts4Marx Tech Tips

004

## Eyelets

The most important thing about removing an eyelet is to *prevent it from spinning*. This is particularly important when it comes to plastic cars or accessories. A spinning eyelet can melt the surrounding plastic.

To **remove** an eyelet:

1. Place RG Part No. 387, a modified easy out, it in a vise.
2. It is necessary to drill only through the rolled over section of the eyelet and avoid drilling into the plastic or metal below the roll. You do not want to damage or widen the hole. Select a drill bit that is the same diameter as the area being removed. Note that one side of an eyelet is larger than the other.
3. Position the eyelet in the easy out tool and drill out the opposite side of the eyelet.

To remove difficult to reach eyelets, you can make a tool from an old Allen Key by grinding the short end to a square point that will fit into the eyelet. The resulting tool will be able to reach hard to access eyelets, such as a drawbar or a diesel truck. Place the Allen Key tool into a vise and proceed to drill out the eyelet as described above.

You can also use a small Dremel Tool and grind off the back of the eyelet.

**Note:** Block the tool to support it when you drill out the other side. A drill vise or small bench top drill press will work fine.

To **install** an eyelet:

1. Assemble the parts.
2. Select an eyelet that protrudes approximately  $\frac{1}{16}$ " through the back of the assembly.
3. Use a piece of masking tape to hold the head of the eyelet in place.
4. Support the eyelet with metal blocks to create a solid surface.
5. Select the appropriate eyelet setting tool for the application.
  - Use RG Part No. 333 eyelet tool for regular eyelets:
    - RG Part No. 17 Eyelets for Plastic Knuckle Couplers and 6" Car Frames
    - RG Part No. 71 Eyelets for Plastic Knuckle Couplers and 4 Wheel Plastic Cars
    - RG Part No. 323 Shorter Eyelets for Thinner Materials
    - RG Part No. 324 Eyelets for Tab and Slot Couplers to 6" Frames and Trucks to Metal Frames
    - RG Part No. 345 Eyelets for Plastic Cars with Knuckle Couplers and Type G Trucks
    - RG Part No. 410 Eyelets for Type A Trucks to Metal Frames and 1420 Counterweights
  - Use RG Part No. 233 eyelet tool for larger eyelets:
    - RG Part No. 24 Nickel Eyelets for E-7 Side Frames
    - RG Part No. 322 Eyelets for M 10,000 Trucks
    - RG Part No. 354 Eyelets for the 6" Wrecker Crane Car
  - Use RG Part No. 260 for tiny eyelets:
    - RG Part No. 325 Eyelets for Lamp Socket to Wire Outlets
    - RG Part No. 328 Eyelets for Switch Repair & Load Stakes on 6" cars
    - RG Part No. 397 Eyelets for Prewar 3-pc Pickups
6. Strike the tool with a small hammer to roll over the open end of the eyelet.

Alternately, you can use a pointed punch in place of the eyelet tools listed above, and then roll it over with a flat punch.

**Note:** When installing a coupler or drawbar, go slow and ensure that it is not installed too tightly.