

Split Bushing Removal Tool - Instructions

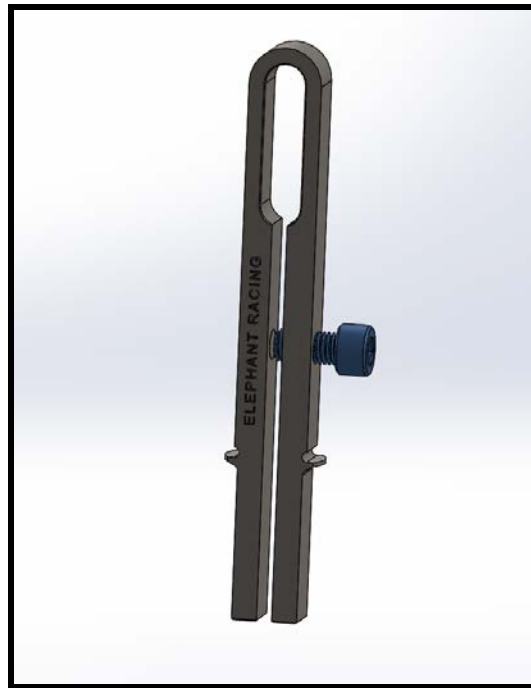
Part # 2020903

Cars applicable:

911 / 912 / 930 - Trailing arm bushings
944 - Front Lower Control Arm front bushing
964 / 993 - Front Lower Control Arm rear bushing

Parts list:

Quantity	Description
1	Bushing Removal Tool



Tools Required:

- Basic Mechanic's Tool Set
- Hammer or shop press
- 1-1/8" hole saw and drill (944 / 964 / 993 only)
- Propane Torch

Introduction:

Removing the split bushings from the trailing or control arms of your vehicle can be a difficult task. That's why Elephant Racing has devised a tool to make removing your split bushings as easy as possible. With the Elephant Racing bushing removal tool, all the work can even be done with the trailing or control arms still installed on the vehicle!

Instructions -

1 – You must gain access to the bushing to be removed. All necessary work can be performed with the control or trailing arms either removed or installed on the car.

2 – Rubber removal

The inner metal spacers and rubber must first be removed before the Elephant Racing split bushing removal tool can be used. With a propane torch, heat the center metal spacers until they can be easily pried off.

911 / 912 / 930

With the inner metal spacer removed, the rubber can be pried out easily and in its entirety.

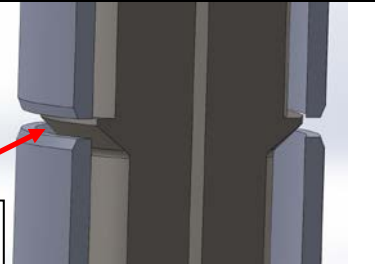
944 / 964 / 993

The rubber bushing is bonded to the outer metal casing and must be cut away. Using a 1-1/8" hole saw centered on the bushing, cut through the rubber using the outer metal casing to guide the hole saw. A thin layer of rubber will remain bonded to the metal casing. If necessary, use a razor knife to remove enough residual rubber to allow installation of the Elephant Racing split bushing removal tool.



3 – Position the split bushing removal tool so that the small "teeth" are positioned at the parting line between the two bushing halves. Gently tighten (25 inch lbs) the bolt on the split bushing removal tool to separate the tool jaws and engage the bushing half.

Tooth positioned at parting line



4 – With the removal tool securely in place, apply heat with a propane torch to the control arm in the area around the bushing. This expands the control arm and helps loosen its hold on the bushing.

Use a hammer or shop press to drive the bushing half from the suspension arm. Use the elongated jaws as a striking or press surface.

Use a helper to stabilize the arm while strike with the hammer.

Strike from this end



5 – Loosen the bolt in the split bushing removal tool, and perform steps 3 and 4 to remove all other bushing halves.