

Replacing the plastic K Jetronic fuel lines.

In general you can reuse the old banjo eyes, bolts and metal fuel lines. If these parts are damaged or too dirty or too clogged up to reuse you can find new parts to refurbish on [www.ferrari400parts.com](http://www.ferrari400parts.com).

The easiest way to remove the old plastic fuel lines is by using a heat gun. When you heat up the old line you can remove it with a pincer. Make sure you don't damage the barb nipples.

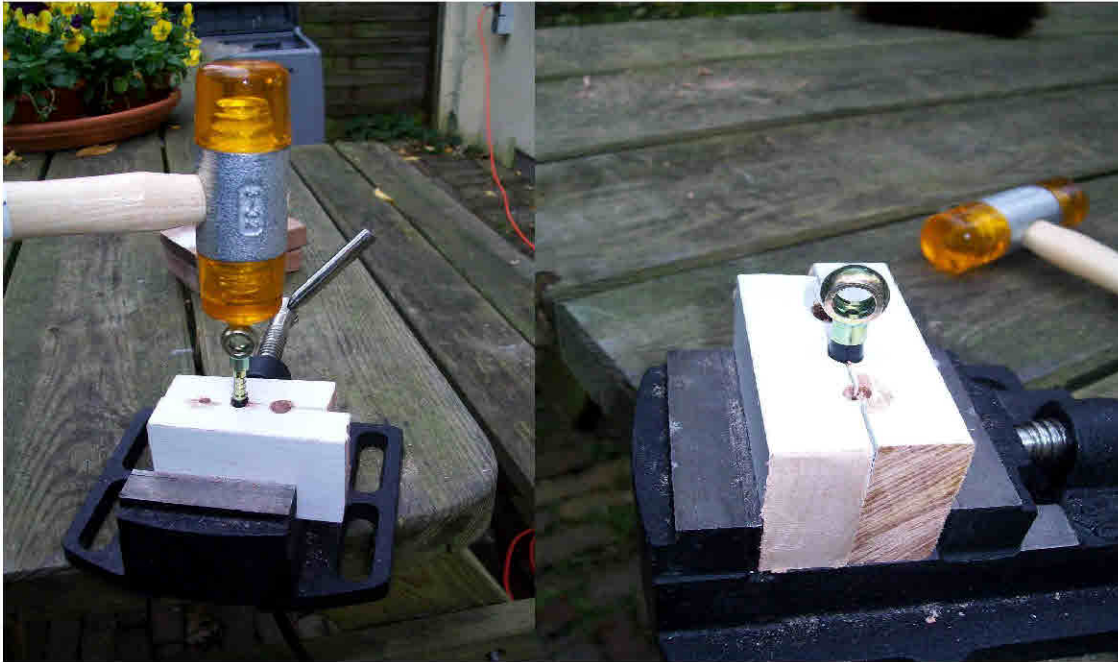
You have to use force to install the new plastic PA lines on the metal parts. To be able to put enough force on the parts you have to make an accessory and use a vice.



You can make an accessory by drilling three holes in two wooden slats. When you have these two wooden slats clamped in the vice you drill a central hole just in the center line between the two slats. Because of the difference in diameter of the plastic lines I use a slat with a 5, 6 and 8 mm hole. You have to drill the hole from top to bottom.



When you want to install a banjo eye you can clamp the plastic line between the two wooden slats in the vice. To cut the fuel line you use a plastic pipe cutter. This gives a straight and clean line end. You can hammer the banjo eye in the plastic line with a (yellow) hammer.



To attach the plastic fuel line to the metal fuel line barb you have to make an extra accessory. The accessory is made the same way. You only have to drill one hole. In the diameter of the metal line (5mm for a 400i) and drill the top of the hole again with a other drill with the diameter of the fuel line barb (6mm for a 400i). You can use this accessory to clamp the metal fuel line and hammer with the other accessory the metal fuel line over the barb. To clamp the accessory for the tube you can use a holdfast.



To install the plastic lines you needs some practice to get the best result. Make sure that you use plastic poly amid or Nylon 12 lines. PE lines or other materials are not heat resistant and will get weak over time by the gasoline.

Top stop the discussion. There is no standard length for all the fuel lines. If there is a difference in the length of the fuel lines it does not effect the engine. The fuel lines are never empty because of the opening pressure of the injectors and the pressure of the system. When the ports of the fuel distributor opens all the injectors will immediately have the same pressure.