


Tips for Successful Use of Your Dynaplug® Tool

TO LOAD A REPAIR PLUG roll the black cord firmly between finger and thumb to reduce diameter and straighten. Should the cord be super sticky, a drop of water or spit will make it more pliable and is a good lubricant for insertion in the tube. When tiny punctures aren't plugged by sealant, resist wiggling/twisting your tool to wrestle the plug tip into the injury; this movement could cause the tip to shear from the cord. **Spin your wheel after making a repair to redistribute displaced sealant.**

BEST TECHNIQUE Pushing into an injury at a slight angle  to the tire can be beneficial instead of holding the tool vertically. If you've had a plug slip out of the insertion tube when repairing, trying pinching the end of the cord for a bit of resistance in the tube, so a plug is less likely to slip out as a repair is made. **A successful repair doesn't require sealant or patching after the fact.**

CLEANING THE TUBE The plug cord can deposit sticky residue in the insertion tube; stickiness can increase in hot temperatures or during long storage. **As needed, clean the tube with the provided YELLOW pipe cleaner dipped in denatured or isopropyl alcohol.** A clean tube is easier to load and reduces the possibility of a plug sticking to the tube. **Use a clean cloth/brush dipped in alcohol for cleaning all surfaces. DO NOT USE WD40** or other lubricant on tools or cord.



PLUG STORAGE **Never store loose repair plugs in a tool.** Keep in storage tray, wrap in wax paper or add extra insertion tubes to your kit.

IF A PLUG TIP COMES LOOSE AFTER A REPAIR No worries! A brass tip weighs only 0.51 grams/0.018 ounce and doesn't damage the inside of the casing or other areas. You can add as many plugs as needed to make a repair.



MORE PLUG DETAILS You probably noticed that repair plugs match the insertion tube/s of a tool to give multiple repair combinations. **INSERTION TUBES** are machined stainless steel with specific tolerances to hold the repair plug in position to make a repair. The tube for the AIR tool is unique with 2 small holes for CO2 to exit and aren't for use with other tools.



PLUG VARIETIES All bike tire repair plugs are the same length except for the shortest plug only for Road Air tool. **POINTED** tips are ideal for small punctures especially next to the rim. **SOFT NOSE** tips are multi-use and supplied with all tools. **BULLET** and **MEGA** tips are blunt with a low profile. Mega plug cord is thicker and designed for larger injuries. Tips are fabricated from aluminum and brass alloys. Brass is notably soft, self-lubricating, non-corrosive, and non-abrasive. Bike plugs are the shorter version of the repair plugs for punctures in 4-wheel vehicles and motorcycle tubeless tires.

BLACK CORD is a viscoelastic (not vulcanized) rubber impregnated material, compatible with sealant. It bonds well with your tire and is compatible with sealant. Unlike other solutions, sealant is not required for repair. Reminder: spin your wheel after making a repair to redistribute sealant. This also promotes a faster seal for larger injuries repaired without extra plugs. Another technique: rotate the tire so the repair faces the ground, then tap your tire up and down.

DYNAPLUG® MANUFACTURING Dynaplug® is an original U.S. tubeless tire plugger solution in use since 1988 for all tubeless tires. Small, high precision Dynaplug parts are fabricated in a single operation by Swiss CNC machines. This type of CNC was originally developed in Switzerland to produce watch parts. The same precision is specifically required for Dynaplug parts like plug tips, air stoppers, insertion tubes and much more. In addition to CNC Swiss, the CNC vertical machining centers and lathe also produce Dynaplug larger assemblies and supplemental parts. After exiting the Swiss CNC, aluminum and brass plug tips are aggressively scrubbed squeaky clean to remove machining oil. Our team of human plug-makers carefully fasten a bit of the proprietary black viscoelastic cord into a tiny tip orifice with special adhesive. Oil remaining in the orifice can reduce the adhesion between metal and cord when there's a twisting movement or wrestling to make a repair. Another team **QC's and packages finished repair plugs** in SS tubes and storage trays. **If we've missed something you want to know, email info@dynaplug.com. Tips are occasionally adjusted based on the feedback and questions we get from riders like you.**