Thank you for choosing the Dynaplug® Solution to Repair a Puncture in a Tubeless Tire. In use around the world for more than 20 years, current Dynaplug models are crafted and tested with care in the heart of California, USA.

- **Tools come in different shapes, weights and material combinations of Aluminum, Stainless Steel and GF Nylon**

PROFILE: Pro, Ultralite

PROFILE: Xtreme

- **Every model solution comes with**
  - ✓ TOOL ✓ INSERTION TUBE (1 or more)
  - ✓ REPAIR PLUGS (3 or more) ✓ PIPE CLEANER
- **Some models include optional accessories like a**
  - ✓ POUCH ✓ AIR STOPPER
  - ✓ CLEARING ATTACHMENT
  - ✓Check www.dynaplug.com for all accessories
- **Every model comes with a storage compartment**
  - ✓ SINGLE PORT
  - ✓ MULTIPLE PORTS

Single:
Ultralite
Ultralite Xtreme

Multiple:
Pro
Pro Xtreme

Everything you need to repair a puncture or injury is stored in the body of the Dynaplug tool. Extra plugs can be set aside in the blister pack or pre-loaded in the insertion tubes. Visit www.dynaplug.com for additional info & instructions.

Quick Steps to a Repair

- ✓ Put Repair Plug in Insertion Tube
- ✓ Install Insertion Tube on Tool Body
- ✓ Remove puncture object
- ✓ Align tool with angle of puncture and push straight into hole
- ✓ Pull Tool from hole
- ✓ Check for air leak
- ✓ Cut the Plug tail
- ✓ Check for air leak several times to confirm the seal
- ✓ Add air as needed

Getting Started/General Instructions

1 FIND puncture object or injury in the tire. Prepare your tool before removing any object.

2 ATTACH INSERTION TUBE. Unscrew the NOSE PIECE. Slip the TUBE over the protruding TIP. Slide the nose piece over the tube. Firmly finger-tighten nose piece clockwise. Tool is ready-to-go. Reverse procedure to remove the tube. If the tube is not pre-loaded, roll the plug firmly between pointer finger and thumb to reduce diameter and straighten as needed.

HINT: It's helpful to wet the plug cord with water (saliva ok) before rolling it to make it less sticky. Water acts as a lubricant for easier insertion in the tube.

3 LOAD the plug into the stainless steel tube until the brass tip seats **against the end of the tube.**

4 REMOVE the puncture object with pliers. Note the object's angle in the tire tread.

Available Accessories:
Use the **Air Stopper** to temporarily keep air from escaping. You might also try the **Clearing Attachment** to confirm the angle of the puncture and clear the path through the steel mesh of the tire before repair plug insertion.

5 INSERT the tool into the puncture path and PUSH at the same angle straight through the puncture hole. PUSH HARD until the tool body bottoms out on the tire tread.

HINT: DO NOT twist or turn the tool when inserting the repair plug since this can damage the plug tip.

6 PULL the tool from the tire. Plug will remain in the puncture path and fuse with rubber.

7 Before trimming inspect the plug carefully to make sure it's 100% sealed. If you have a small amount of water, put a few drops on the repair location; if no bubbles are seen, there would be no leaking. Then you can trim the plug tail end flush with the tire.

8 If needed, you can add multiple plugs to seal the puncture after the 1st plug is installed. In this case, DO NOT CUT OFF the tail of the 1st plug; instead, fold and hold the tail flat on the tire while the 2nd plug is installed. This stops the 1st plug from being pushed into the tire. After the 2nd plug is inserted, check for air leaks. A 3rd and 4th plug may be installed in the same manner. With a good seal, the tail ends should be cut-off flush to the tire surface. **DO NOT insert more than 4 plugs.**

9 If air is lost during the repair, **inflate** tire to the specification recommended by the manufacturer.

Two compact inflators at www.dynaplug.com

Dynaplug Mini Pro 12v Inflator

Recommended for all sizes of tires. Weighs only 18oz/516g.

Dynaplug Micro Pro 12v Inflator

Recommended for all tires. Small size is ideal for motorcycle, bicycle & scooter riders with limited storage. Weighs only 7oz/198g.
Includes a nylon zipper pouch, cig plug, ring terminal/battery clip connectors & pencil gauge.

Helpful Hints

When it comes to repair plugs, most tools include one repair plug ready-to-go along with spares in a blister tray. When you install a REPAIR PLUG into the insertion tube: wet the plug cord with water (saliva ok) before rolling it between your thumb and pointer finger to reduce the diameter and straighten as needed--wetting before rolling makes it less sticky and acts as a lubricant for an easier install. Then slide it into the insertion tube.

Complete the repair with a minimum air measurement of 10psi; add air if needed. Position tire so the puncture is easiest to reach: 4-wheel vehicle, angle front tire outward; position rear tire away from the wheel-well so you can lie down or position yourself for the best angle.

Don't ever cram or jam a repair plug into the insertion tube. After a repair, check the insertion tube for sticky residue; use the pipe cleaner and alcohol to clean the tube so installing a new plug the next time will be easier. **The brass tip** can come off if it's overly pulled or twisted.

We recommend this YouTube video about repair plugs:
https://www.youtube.com/watch?v=vzJ-Q2vU1Vg

If a plug gets stuck in the tube or the brass tip comes off, just take the insertion tube off the tool, and use something like a finish nail and push it out the front from the back side; follow by cleaning with the pipe cleaner dipped in alcohol.

What is the shelf-life of the repair plugs? The repair plugs will last a minimum of 5 years. In extreme heat, the plugs may begin to dry out over a long period of time. In this case, we recommend dipping the plug in water (saliva ok) to lubricate the plug. The stickiness will return when the water evaporates. Water will not affect the plug or the seal of the plug.

What about tiny holes? The air stopper and clearing attachment are helpful for tiny holes which are actually the most difficult to repair. **If you're in a location where you have a drill, you can use a 3/32" or 1/8" drill bit to make the hole a little bigger and easier to plug.**

It's a good idea to have a 12-volt tire inflator, pliers, knife, gloves and flashlight in your tool kit for a tire repair emergency. Dynaplug® has a very compact, highly reliable 12-volt inflator available on dynaplug.com. Some people have a mat available to protect their knees or to lie on. This can be helpful for an awkward rear tire repair.

Dynaplug® tools and repair plugs are made with care in Chico, California. Customer Service is important to us, and whenever possible we quickly reply to every question sent by email even on the weekend and after office hours.

Useful info

- Keep tool handy in glove box, trunk, saddle bag or backpack.
- Keep an air pump/compressor available for air refills.
- Round out a flattened repair plug with your fingers.
- Puncture objects are easiest to remove with multi-grips/pliers.
- A plug can be clipped with cutters, end nippers, knife or scissors.
- OK for run flat's and tires with pressure monitoring sensors.
- Waterproof interior storage compartment has Buna-N O-ring.
- Clearing Attachment clears path from staples or small punctures to make repairs easier.
- Rust proof and impervious to weather.
- Performs in hot and cold climates without lubricants or adhesive
- Viscoelastic rubber impregnated cord with lowest trauma to tire when compared with other solutions available.
- Check insertion tube occasionally and clean with a pipe cleaner dipped in denatured alcohol (available at hardware stores).

Warnings & general recommendations

Failure to follow precautions may lead to a tire failure when refilling or during driving and may cause bodily injury or damage to the tire. **USE FOR** round or oval holes only in a tubeless tire. **NOT FOR** cuts, tears or sidewalls. **NOT** for a hole larger than the plug insertion tube. Follow the vehicle's owner's manual or tire placard with regard to pressure and cautions.

MOTORCYCLE, SCOOTER and OTHER 2-W VEHICLE TIRES In all cases, it is important to follow tire repair instructions carefully. UTAC - Union Technique de l'Automobile du motocycle et du Cycle (Technical Union for the Automobile, Motorcycle and Cycle Industries), has certified the Dynaplug® repair system for permanent repairs for punctures up to 16d (16 penny) nail in the tread zone. Any larger punctures requiring multiple plugs to repair should be considered a temporary emergency repair.

In the case of two-wheeled vehicles, extra caution should be used in following the instructions, filling the tire, checking the repair and proceeding at reduced or appropriate speeds. At a professional repair center, the tire can be removed and inspected. If you have miles to travel to reach a repair center, make regular inspections to insure your emergency repair is not loosing air and reducing tire pressure. Refill tire, if necessary, with a CO2 cartridge, pump or air compressor to recommended factory stated pressures (normally molded into your tire), until a professional inspection is made.

*Limited lifetime warranty

Dynaplug® tools are warranted free from manufacture defects in materials and workmanship. There are no warranties, express or implied, of merchantability or fitness for a particular purpose applicable to the plugs. Dynaplug will replace free of charge any Dynaplug® tool which is defective in material or workmanship under normal use. Misuse of a tool will void this Warranty. Replacement is the sole and exclusive remedy available to the purchaser.

If you have a warranty issue, reach Dynaplug by:

Telephone: 530.345.8000
Email: info@dynaplug.com

Return of a defective tool should be prepaid by UPS or USPS. The address is:
Dynaplug
13267 Contractors Drive
Chico, CA 95973

Always describe the defect and include $6.00 by check or money order for S/H of a replacement tool. Please allow two weeks for return.

Limitation of damages

In no event and under no circumstance shall Dynaplug be liable to the buyer for any indirect, special, incidental, consequential, lost profit, loss of business, loss of goodwill or reputation, damage, cost (including for replacement transportation), expense or loss of any kind. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Attention

Follow the vehicle's owner's manual or tire placard. Tire failure may occur due to under inflation/ overloading/misapplication/impact damage/improper maintenance. A road-worthy tire can be permanently repaired with Dynaplug if instructions are followed. **It's recommended that tires be regularly inspected by a qualified technician for signs of damage and wear.**

Reminder

Contact Dynaplug if you have any questions, need advice about making a repair, want to purchase new parts or anything else having to do with making a tire puncture repair with Dynaplug® tools.

Questions? Need help?

530.345.8000
info@dynaplug.com
dynaplug.com
youtube.com/Dynaplug

DEMOS