

## What's in the box?



- ✓ Tool
- ✓ Pipe Cleaner
- ✓ Insertion Tube (1)
- ✓ Repair Plugs (3)



Everything you need to repair a puncture is stored in the body of the Dynaplug® Ultralite. Extra plugs can be set aside in the blister pack or pre-loaded in the insertion tube

## Getting started...

Unscrew the CAP to remove the stored tools for repair. 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 TUBE.



## Tool ready-to-go



## General Instructions

**1** FIND puncture object. If you don't spot it, listen for an air leak or perform a bubble test (read HINT in step 7).

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

**2** PREPARE your tool by installing the pre-loaded insertion tube on the tool (Getting started...). 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.

**DEMO:** [www.youtube.com/dynaplug](http://www.youtube.com/dynaplug)

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



**DEMO:** [www.youtube.com/dynaplug](http://www.youtube.com/dynaplug)

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

**HINT:** Try using 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.

**DEMO:** [www.youtube.com/dynaplug](http://www.youtube.com/dynaplug)

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

**HINT:** For most punctures from nails and screws, one plug is sufficient.

**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 1<sup>st</sup> plug is installed. In this case, DO NOT CUT OFF the tail of the 1<sup>st</sup> plug; instead, fold and hold the tail flat on the tire while the 2<sup>nd</sup> plug is installed. This stops the 1<sup>st</sup> plug from being pushed into the tire. After the 2<sup>nd</sup> plug is inserted, check for air leaks. A 3<sup>rd</sup> and 4<sup>th</sup> 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.**

**DEMO:** [www.youtube.com/dynaplug](http://www.youtube.com/dynaplug)

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

## 10 YOUR TIRE IS REPAIRED!

**HINT:** As needed, it's a good idea to clean the insertion tube. If material from the repair plug is seen on the tube walls, clean with denatured alcohol (available at hardware stores). To remove some rubber from the inside of the tube, we recommend a pipe cleaner dipped in denatured alcohol. It's easier to install the next repair plug if the tube is clean.



**DEMOS**

## Questions?

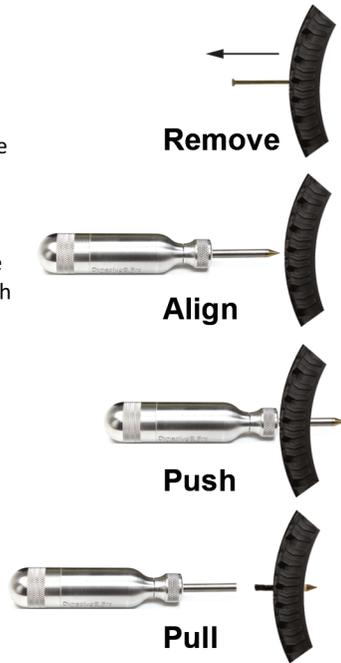
530.345.8000  
[info@dynaplug.com](mailto:info@dynaplug.com)  
[dynaplug.com](http://dynaplug.com)  
[youtube.com/dynaplug](http://youtube.com/dynaplug)

## Need help?

Give us a call  
Email us  
Visit the web  
Demos

## Repair summary

- ✓ 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



## 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 flats 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).

## General specifications

Tool Body AL	Billet 6061 Aluminum (AL) 2.6 ounces (fully loaded)
Tool Body SS	Billet 303 Stainless Steel (SS) 6.6 ounces (fully loaded)
Insertion Tube	Hardened 304 Stainless Steel
Plug Tip	Nonabrasive Brass
Plug Cord	Viscoelastic Impregnated Rubber
Dimensions	3.75" x .875" w/out Tube & Plug 5.42" x .875" with Tube & Plug
Storage Case	Polyethylene quick-close Tube
Warranty	Limited Lifetime*

Dynaplug® has been engineered for repairing punctures in tubeless tires for cars, trucks, motorcycles, scooters, campers, motor homes, RVs and garden tractors with a maximum tire thickness of 1-1/8" and a minimum thickness of 3/16" at the point of the puncture.

## 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 losing 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** The Dynaplug® is 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, please contact Dynaplug by

Telephone: 530.345.8000  
Email: [info@dynaplug.com](mailto: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.

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