



The PERMANENT repair of Contiseal Tyres
using TECH repair materials



General Notes:

- Contiseal tyres contain a pre-applied, sticky, viscous layer to the inner liner of the tyre.
- The viscous layer is not designed or intended to act as a permanent puncture repair.
- Contiseal tyres with cuts or punctures must be inspected thoroughly to determine the integrity of the tyre casing prior to carrying out a **PERMANENT REPAIR**, in accordance with industry recommendations.

Permanent repair procedures using Tech repair materials

- Repair technicians must carry out a thorough initial inspection of the tyre casing prior to repair – See fig 1&2 – “What to look for “ refer to industry standard BS AU 159g



Fig 1



Fig 2

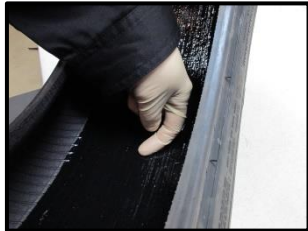


Fig 3

15 degrees from the vertical



Fig 4

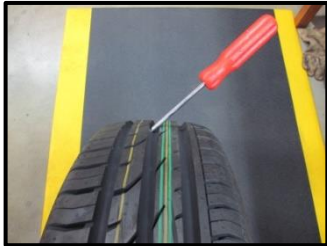


Fig 5 Reject



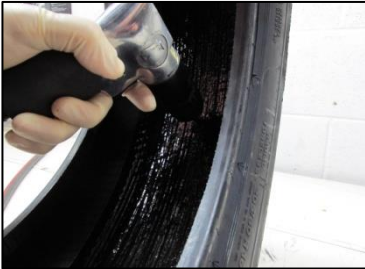
- Fig 3 – Check that the Contiseal is sticky **and if so continue as indicated within these guidelines.**
- Fig 4/5 - The angle of penetration should not exceed 15 degrees from the vertical
- Providing the integrity of the tyre casing is acceptable and the Contiseal is sticky, a permanent repair can be carried out using a Tech plug patch.
- Maximum injury after preparation 6mm.

Recommended Repair Procedure



STEP 1

- Select 6mm carbide cutter
- Air tool speed 3-5000 RPM



STEP 2

- Ream the hole from the inside first
- Ensure safety equipment is always used (Eye protection etc)



STEP 3

- Repeat Step 2 ream the hole from the outside
- Ensure safety equipment is used (Eye protection etc)
- Repeat Step 2 & 3 if necessary -



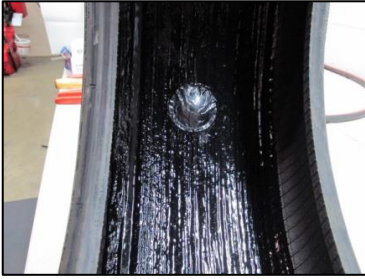
STEP 4

- Remove any protective backing from the plug patch
- Insert the plug patch into the prepared puncture channel



STEP 5

- Using pliers pull in the direction of the puncture channel



STEP 6

- The plug patch should be flat to the surface of the Contiseal with a slight “dimple “ to the centre



STEP 7

- Using a tyre Stitcher - Vigorously stitch the base of the plug patch from the centre outwards.
- Remove any protective backing on completing this step.



STEP 8

- Fit the tyre to the respective wheel



STEP 9

- Cut protruding stem .
- If located in tread groove - cut level
- If located through tread block - cut 2mm proud



STEP 10

- After checking for any leaks the wheel assembly can be returned to service