TYRE REPAIR KIT

If you are in any doubt regarding your ability to carry out the instructions, contact a Retailer/ Authorised Repairer before attempting the repair.

For vehicles not supplied with a spare wheel, there will be a tyre repair kit under the loadspace floor panel. See **302, WHEEL CHANGING**. The tyre repair kit can be used to repair one punctured tyre and it is essential that you read the complete tyre repair kit section of this handbook before attempting to repair a tyre.

The tyre repair kit will seal most punctures with a maximum diameter of 6 mm.

Note: *The sealant used in the tyre repair kit has a shelf life and the expiry date is shown on the tyre sealant bottle. Make sure that the container is replaced before the expiry date. Also make sure that the sealant is renewed after each use.*

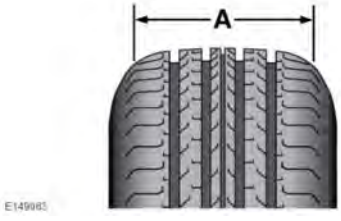


1. Compressor.
2. Sealant bottle.
3. Locking wheel nut adaptor.

TYRE REPAIR KIT SAFETY INFORMATION

Some tyre damage may only be partially sealed, or may not seal at all, depending on the amount and type of damage. Any loss of tyre pressure can seriously affect vehicle safety.

Do not use the tyre repair kit if the tyre has been damaged by driving while under-inflated.



A - Tyre tread area.

Only use the tyre repair kit to seal damage located within the tyre tread area (A).

Do not use the tyre repair kit to seal damage to the tyre's sidewall.

Do not exceed 80 km/h (50 mph) when a repaired tyre is fitted to the vehicle.

The maximum distance that should be driven when a repaired tyre is fitted, is 200 km.

When a repaired tyre is fitted, drive with caution and avoid sudden braking or steering manoeuvres.

Only use the tyre repair kit for the vehicle with which it was supplied.

Do not use the tyre repair kit for any other purpose than tyre repair.

Never leave the tyre repair kit unattended, when in use.

Only use the tyre repair kit within the -30°C to +70°C temperature range.

Always keep children and animals at a safe distance from the tyre repair kit, when in use.

Do not stand directly beside the compressor when it is operating.

Check the tyre's sidewall before inflation. If any cracks, damage, or deformities are apparent, do not inflate the tyre.

Watch the tyre's sidewall during inflation. If any cracks, bumps or similar damage, or deformities appear, switch off the compressor and deflate the tyre. Do not continue to use the tyre.

USING THE TYRE REPAIR KIT

Avoid skin contact with the sealant, which contains natural rubber latex.

Before attempting a tyre repair, make sure the vehicle is parked safely, as far away from passing traffic as possible.

Make sure that the Electric Parking Brake (EPB) is applied and Park (**P**) is engaged.

Do not attempt to remove foreign objects, such as nails, screws, etc., from the tyre.

Always run the engine when using the compressor, unless the vehicle is in an enclosed or poorly ventilated space, as this may cause asphyxiation.

To prevent overheating, do not operate the compressor continuously for longer than 10 minutes.

Note: *All vehicle drivers and occupants should be made aware that a temporary repair has been made to a tyre fitted to the vehicle. They should also be made aware of the special driving conditions imposed when using a repaired tyre.*

REPAIR PROCEDURE

Check the tyre's sidewall before inflation. If there are any cracks, bumps, or similar damage, do not attempt to inflate the tyre. Do not stand directly beside the tyre while the compressor is pumping. Watch the tyre's sidewall. If any cracks, bumps, or similar damage appear, switch off the compressor and let the air out by means of the pressure relief valve. Do not continue to use the tyre.

If the tyre's inflation pressure does not reach 1.8 bar (26 psi, 180 kPa) within 7 minutes, the tyre may have suffered excessive damage. A temporary repair will not be possible and the vehicle should not be driven until the tyre has been replaced.

1. Open the tyre repair kit and peel off the maximum speed label. Attach the label to the fascia, in the driver's field of vision. Take care not to obstruct any of the instruments or warning lamps.

2. Uncoil the compressor power cable and the inflation hose.
3. Unscrew the orange cap from the sealant bottle receiver and the sealant bottle cap.
4. Screw the sealant bottle into the receiver (clockwise) until tight.

   Note: *Screwing the bottle onto the receiver will pierce the bottle's seal. Once the receiver has been fitted, a ratchet prevents it from being removed.*
5. Remove the valve cap from the damaged tyre.
6. Remove the protective cap from the inflation hose and connect the inflation hose to the tyre valve. Make sure that the hose is screwed on firmly.
7. Make sure that the compressor switch is in the Off (**O**) position. Insert the power cable connector into an auxiliary power socket. See **99, AUXILIARY POWER SOCKETS**. Unless the vehicle is in an enclosed area, start the engine.
8. Switch on the compressor switch to the (**I**) position.
9. Inflate the tyre to a minimum of 1.8 bar (26 psi, 180 kPa) and a maximum of 3.5 bar (51 psi, 350 kPa).

   Note: *When pumping the sealant through the tyre valve, sealant may leak from the puncture location during the sealing process and the pressure may rise up to 6 bar (87 psi, 600 kPa). The pressure will drop again after approximately 30 seconds.*

   Remove any excess sealant immediately. Failure to do this may result in a surface residue that will be difficult to remove.
10. During inflation, switch the compressor off briefly to check the tyre pressure, using the gauge mounted on the compressor.

    Note: *It should not take longer than 10 minutes to inflate the tyre. If, after 10 minutes, the tyre has not yet reached the minimum pressure, the tyre should not be used.*
11. Once the tyre has been inflated to the required pressure, switch off the compressor. If desired, the engine may be switched off after the compressor has been switched off.
12. Remove the power connector from the auxiliary power socket.
13. Remove the inflation hose from the tyre valve, by unscrewing it as quickly as possible (counter-clockwise).
14. Replace the inflation hose protective cap and the tyre valve cap.
15. Make sure that the tyre repair kit (including the bottle and receiver caps) is placed securely in the vehicle. You will need to use the kit to check the tyre pressure after approximately 3 km, so make sure they are easily accessible.
16. Immediately drive the vehicle for approximately 3 km, to allow the sealant to coat the inner surface of the tyre and form a seal at the puncture.

CHECKING THE TYRE PRESSURE AFTER A REPAIR

⚠ **When driving the vehicle, if you experience vibrations, abnormal steering, or noises, reduce speed immediately. Drive with extreme caution at reduced speed, to the first safe place to stop the vehicle. Visually examine the tyre and check its pressure. If there are any signs of damage or deformity to the tyre, or the tyre pressure is below 1.3 bar (19 psi, 130 kPa), do not continue driving.**

⚠ **Consult a tyre repair centre or a Retailer/Authorised Repairer, for advice concerning the replacement of a tyre after using a tyre repair kit.**

1. Drive the vehicle for 3 km, then stop in a safe place. Carry out a visual examination of the tyre's condition.
2. Make sure that the sealant container is in its original position.
3. Screw the inflation hose connector firmly onto the tyre valve.
4. Read the tyre pressure from the gauge.
5. If the pressure of the sealant filled tyre is above 1.3 bar (19 psi, 130 kPa), adjust the pressure to the correct value. If there are signs of damage or deformity to the tyre, or the tyre pressure is below 1.3 bar, do not continue driving.
6. Make sure that the compressor switch is in the Off (**O**) position and insert the power cable connector into the auxiliary power socket. If the vehicle is in a well ventilated area, start the engine.
7. Switch the compressor to On (**I**) and inflate the tyre to the correct pressure. See **282, TYRE PRESSURES**.
8. To check the tyre pressure, switch off the compressor and then read the pressure from the gauge.
9. When the compressor is off, if the tyre pressure is too high, release the required amount of pressure using the pressure release valve.
10. Once the tyre is inflated to the correct pressure, switch off the compressor and remove the power plug from the auxiliary socket.

    Note: *The use of the tyre repair kit sealant may lead to error prompts and incorrect readings of the Tyre Pressure Monitoring System (TPMS). Therefore, use the tyre repair kit pressure gauge to check and adjust the damaged tyre's inflation pressure.*
11. Unscrew the inflation hose connector from the tyre valve, replace the tyre valve cap and the inflation hose connector protective cap.
12. Make sure that the tyre repair kit is stowed securely in the vehicle.
13. Drive to the nearest tyre repair centre or Retailer/Authorised Repairer, for a replacement tyre to be fitted. Make sure that you make the repair centre aware that the tyre repair kit has been used, before the tyre is removed.
14. The tyre inflation hose, the receiver, and the sealant bottle must be replaced once a new tyre has been fitted.



Only sealant bottles which are completely empty should be disposed of with normal household waste. Sealant bottles which contain some sealant, and the tyre inflation hose, should be disposed of by a tyre specialist or your Retailer/ Authorised Repairer, in compliance with local waste disposal regulations.