

LLAWLYFR DIOGELWCH TWNELI
TUNNEL SAFETY GUIDE

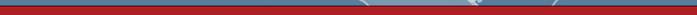
TRAFFYRDD A CHEFNFFYRDD
YNG NGHYMRU

MOTORWAY & TRUNK ROAD
TUNNELS IN WALES

Penmaenbach Headland Tunnel
Penmaenbach Tunnel
Conwy Tunnel
Pen-y-Clip Tunnel



Gibraltar Tunnel
Brynglas Tunnel



TUNNEL SAFETY

If your journey takes you through one of the 6 Motorway and Trunk Road Tunnels in Wales, it's important to know what to do in the unlikely event of an incident.

Travelling through the tunnels will not normally present any danger. However, in the event of an incident, due to the enclosed nature of a tunnel you will need to pay extra attention to the safety of yourself, your passengers and other tunnel users.

Tunnels provide additional challenges to the public and the emergency services in the event of an incident. A number of safety features and procedures have been developed to help the public to safely evacuate the tunnel or allow emergency services access to manage incidents should they occur.

This leaflet provides you with advice on how to avoid becoming involved in a tunnel incident and how to look after your own and others' safety.

Further information about safe driving in road tunnels can also be found at <https://traffic.wales>

WHAT TO DO BEFORE ENTERING A TUNNEL

- Observe all **speed limits** on the approaches to and through the Tunnel – caution these may change.
- Check you have sufficient **fuel** for your journey.
- Observe and obey signs and signals - Never use a lane displaying a **red cross**.
- Use dipped **headlights**. Remove your **sunglasses** if in use.
- If there is **smoke** or **fire** ahead of you in the tunnel, do not enter. Pull over into the left-hand lane, stop and switch on your hazard warning lights.



- TUNNEL LIGHTING**
Lighting to improve visibility inside the tunnel.
- FIRE EXTINGUISHERS**
Emergency panels are equipped with fire extinguishers
- CCTV**
CCTV are there to help the Traffic Management Centres monitor tunnel operations and detect incidents.
- EMERGENCY PANELS (SOS)**
Emergency panels are marked by illuminated signs. Emergency panels are equipped with fire extinguishers and free call SOS phones linked to the Traffic Management Centre.
- LANE CONTROL SIGNALS**
Indicates which lanes are open or closed. Observe and obey at all times.
- VENTILATION SYSTEMS**
To clear pollution and control heat and smoke to assist evacuation during a fire incident.
- WAYFINDERS**
Identify direction and distance to emergency exits for pedestrians from a tunnel
- PUBLIC ADDRESS**
Speakers are located throughout the tunnel. In the event of an incident listen to any announcements and follow all instructions given.
- EMERGENCY ACCESS DOORS**
Emergency access doors are installed in some tunnels to allow emergency services access to an emergency from the non-affected tunnel bore. Wherever possible evacuation should be via the tunnel portals.

WHAT TO DO WHEN TRAVELLING THROUGH A TUNNEL

- Do not stop** unless in case of an emergency. Keep a **safe distance** between you and the vehicle in front. Vehicles should leave at least a **2 second gap** and large goods vehicle a **4 second gap**.
- Do not **turn** or **reverse** unless instructed by a Police or Traffic Officer.
- Do not discard **cigarettes** within the confines of the tunnel.

WHAT TO DO IN CONGESTION

- Keep your distance, even if you are moving slowly or have stopped - always leave a gap of at least **5 metres** between you and the vehicle in front (an average car length)
- Switch off engine** if stationary for more than one minute.
- Switch on **Hazard warning lights** when approaching congestion in accordance with the Highway Code.
- Listen to messages** broadcast over the **public address system** and **follow the instructions** given by the tunnel operator at all times.

WHAT TO DO IF YOU BREAK DOWN OR ARE IN A COLLISION

- Switch on **Hazard warning lights**.
- Stop** your vehicle as close to the left-hand side as possible and **switch off** the engine. **Leave the key in the ignition**.
- Be aware of approaching traffic from front or rear. If possible exit your vehicle from the **left hand door**. Passengers should do likewise. If you are unable to exit the vehicle for any reason dial 999. The tunnels are closely monitored and assistance will be provided as soon as possible.
- Call for **help** from a telephone at the **SOS emergency points** located every **100 metres** along the tunnel. Be aware of other vehicles. **DO NOT** cross the carriageway.
- Listen to messages** over the **public address system** and **follow the instructions** given by the tunnel operator.
- Do not attempt any repairs whilst in the tunnel.

WHAT TO DO IF A VEHICLE IS ON FIRE

- If there is **smoke** or **fire** ahead of the approach to the tunnel, do not enter. Pull over into the left-hand lane, **stop** and switch on your hazard warning lights.
- If you have entered the tunnel and there is smoke or fire ahead of you, then pull over to the left-hand side and stop. Switch off the engine, leave the key in the ignition and **evacuate** the vehicle. Leave the tunnel on **foot**, following the **signed evacuation route** towards the tunnel portal through which you drove to enter the tunnel. Once outside the tunnel, **wait** at the **signed evacuation point** for further assistance.
- If you observe **smoke** or a **fire** behind you once in the tunnel, continue to **drive out** of the tunnel and do not re-enter.
- If your vehicle is on **fire** then **drive out** of the tunnel if possible. If this is not possible, then **pull over** to the left side and switch off the engine. Leave the **key in the ignition** in case the emergency services need to move your vehicle. Evacuate immediately. Leave the tunnel following the **signed evacuation route** towards the nearest **tunnel portal**. Once outside the tunnel **wait** at the **signed evacuation point** for assistance.

- Call for help at the **SOS phones** located at the **evacuation point** outside the tunnel.
- Listen to any messages** over the **public address system** and **follow the instructions** given by the tunnel operator.
- There are **fire extinguishers** next to every **emergency panel** within the tunnels.

CALL THE TRAFFIC WALES INFORMATION LINE

0300 123 1213
 @TrafficWalesN
 @TrafficWalesS