

## Te Pahi o Ngā Iwi – The Peoples Bus



Welcome to Te Pahi o Ngā Iwi - The Peoples Bus. The vehicle is a 2022 Mercedes-Benz Sprinter 519 and is fitted with many special features that support you to drive the vehicle safely. Please ensure you take the time to familiarise yourself with the vehicle before driving.

- Vehicle length **7.4m**
- Vehicle width **2.0m**
- Vehicle height **2.7m**
- **DIESEL FUEL ONLY**

The Mercedes-Benz is equipped with MB Sixth Sense Safety to keep you as safe as possible while on the road, this system is designed to assist you and should not be relied upon.

The system includes; Active Brake Assist, Blind Spot Assist, Rear Cross Alert, Lane Keep Assist, Crosswind Assist, Attention Assist, Headlight Assist, Hill Start Assist, Rain Sensor, 360 Reversing Camera and sensors, and Active Distance Assist.

- Active Brake Assist
  - Can detect a risk of collision with a vehicle in front, giving a visual and audible warning signal. If the driver fails to react, the system can actively support evasive and braking manoeuvres. In city traffic, the system can also react to stationary obstacles or pedestrians crossing the road.
- Blind Spot Assist
  - Helps to monitor blind spots at the side of the van more effectively. If the vehicle identifies a potential risk within your blindspot, the vehicle indicates this to the driver by way of a small orange light on the wing mirror relative to the potential risk.
- Rear Cross Alert
  - Warns you of any traffic when reversing the vehicle

- **Lane Keep Assist**
  - When the centre line and fog line are visible to the vehicle, the vehicle will automatically aid to keep the vehicle within its lane mitigating the possibility of drifting out of your lane
- **Crosswind Assist**
  - Detects tracking offset caused by strong crosswinds in due time and thus helps you remain in your lane. A sudden track offset of the vehicle can cause inappropriate steering reactions
- **Attention Assist**
  - Helps to prevent nodding off at the wheel by suggesting a break when fatigue or increased driver inattention is detected.
- **Headlight Assist**
  - The headlight assistant monitors the weather and lighting conditions during a journey, and switches the vehicle lights on or off as required. When lighting conditions change rapidly, for example when driving through tunnels, the assistance system can help the driver and increase driving safety by switching on the lights. The light sensor is located in the middle of the windscreen. If the light measurements are below a certain level, the system automatically switches on the driving lights. If the measured values increase to a certain level, the lights are switched off again
- **Hill Start Assist**
  - Hill-Start Assist is linked with ESP and prevents the vehicle from rolling back when moving off on an uphill gradient by maintaining the brake pressure when the driver switches from the brake pedal to the accelerator
- **Rain Sensor**
  - Depending on the position of the windscreen wiper combination stalk, the windscreen wipers are automatically activated when required. The sensor aims an infrared light beam at the windscreen at a defined angle. The intensity with which the light is reflected back depends on how wet the windscreen is. Based on the amount of reflected light, the system adjusts the wiper interval to anything from a single wipe to continuous wiping. The sensing zone is heated to prevent ice and condensation forming
- **360 Reversing Camera and Sensors**
  - The reversing camera helps the driver to reverse, park and manoeuvre: The vehicle is fitted with 4 cameras. The cameras are virtually put together and overlay an image of the van on the multimedia screen. The sensors also display around the full vehicle and highlight any potential risks by colour and sound – as the risk increases the colour and sound intensifies. The cameras are located:
    1. mounted above the rear-end doors transmits pictures from the immediate area behind the vehicle
    2. mounted beneath each of the wing mirrors transmitting images down the sides of the vehicle
    3. mounted to the front of the vehicle transmits image from front of vehicle
- **Active Distance Assist**
  - Active Distance Assist DISTRONIC can maintain the distance to the vehicle in front set by the driver and can relieve the driver for example, when driving on the motorway or in stop/start traffic. The system accelerates the vehicle automatically and brakes it with a maximum of half the vehicle's braking power in order to maintain a safe distance

## In the cab



The vehicle is equipped with a transponder key, it does not have a physical ignition. You can keep they key safe in your pocket or bag but it must be within the drivers seat area for you to start the vehicle.

Push your foot firmly on the brake pedal and then press the Engine Start/Stop button which is located on the dashboard behind the steering wheel on the left side above your knee. The engine will now start.

To stop the engine, ensure the vehicle is in Park and you have applied the parking brake. Press the Engine Start/Stop button and the engine will turn off.

\*The speedometer and multifunction display will remain on until you exit and lock the vehicle.



The Gear Selector is located where you would expect to find the indicator stalk. With your foot pressed on the brake, push the stalk upwards to select Reverse and downward to select Drive. When you are finished driving, press the button on the end of the stalk to select Park.

The gear indicator is at the top of the centre TFT screen between speedo and rev counter.

\*The indicators are located on the left side stalk.





There are three important levels to monitor while driving.

Fuel – the vehicle uses Diesel Fuel the Diesel level indicator is located at the bottom of the speedometer. If the vehicle is below  $\frac{1}{2}$ , please be kind to the next user and refill to full before returning. The diesel tank filler is between the sliding door and passenger door. To refuel the vehicle, open the passenger door and then the diesel filler flap, remove the cap and refill. To close the filler flap you will need to open the passenger door again.

The vehicle operates a Euro 6 engine. Euro 6 is the highest standard for emissions testing and makes use of AdBlue to achieve this. Ensure you keep an eye on the AdBlue level (bottom of centre TFT screen) and have this refilled at Keith Andrews Trucks between  $\frac{1}{4}$  and  $\frac{1}{2}$  level. If you do run out of AdBlue, the vehicle will de-rate and will have a maximum speed of 30Km/H and will require a mechanic to repair. **DO NOT ATTEMPT TO REFUEL ADBLUE YOURSELF.**

The temperature gauge located at the bottom of the rev counter (right hand dial) should sit between 70-100degrees with optimal temp being 90degrees. If you notice the gauge increasing beyond this, pull over and allow the vehicle to cool down for approx. 15 minutes. When driving again, if the gauge shows high temperatures again, allow to cool down and drive to the nearest Keith Andrews or contact the roadside assist team.

- Headlight switch is located on the dashboard below the steering wheel in front of you right knee. This should be switched to Auto.
- Indicators are located on the left-hand stalk behind the steering wheel. This is also your high beam controller (push forward for high, pull back for low). The switch for the windscreen wipers is also on the end of this stalk, rotate the tip of the stalk for windscreen wipers. First click of the rotation is the “Auto” setting.
- Hazard light switch is in the very centre of the dashboard marked with a red triangle.



Speed limit for this vehicle is 90Km/H

The vehicle needs to be plugged into a 16amp (Caravan) plug to operate the equipment inside.

- The lead is located in the rear right hand side door pocket. Ensure you unravel the entire lead and do not operate with knots or bunched up as this could pose a fire risk
- The lead plugs into the van on the passenger side at the rear side under the white flap. The plug will only go in one way, lift the blue cap and slide this into the top of the plug and then push the plug in securely. The opposite end plugs into the wall of the building



- Once the van is connected to power, you need to power up the UPS (under the head of the bed). The UPS enables “Sure Power”. Press and hold the power button below the UPS screen until it powers up – powerup takes approx. 15 seconds and you should hear a slight whir of the fan, the orange light will now illuminate on the blue power point under the head of the bed indicating it is protected
- Devices that require “Sure Power” e.g. S70 must be plugged into blue power point under the head of the bed – the white power points are not protected by “Sure Power”



- The UPS has an onboard battery approx. that will last approx. 10minutes without power. In the event of power failure, this will enable you to shut down the connected equipment safely before the battery on the UPS goes flat

- UPS Operation
  - Start the UPS
    1. Verify that the van is connected to powerThe UPS front panel display illuminates and shows EATON logo
    2. Verify that the UPS status screen shows the power symbol
    3. Press the power button on the UPS front panel for at least 2 seconds.
    4. The UPS front panel display changes status to "UPS starting..."
    5. Verify that the indicator illuminates solid, indicating that the UPS is operating normally and any loads are powered and protected. The UPS should be in Normal mode
  - Shut down UPS
    - Press the power button on the front panel for three seconds. The UPS starts to beep and shows a status of "UPS shutting OFF...". The UPS then transfers to Standby mode, and the indicator turns off
      - If the UPS does not automatically shut down. Follow the prompts on screen and use the arrow and enter button to manually shut down.



- After you disconnect the main power lead, if the UPS beeps, you have not shut down correctly. Repeat above shutdown processes.