

# Prevent bus fires by checking key parts

Regularly maintain and inspect these key parts to help prevent bus fires and thermal incidents, and recognise early warning signs.

## Bus fires - parts to check

### Engine bay\*

- Wiring
- Turbocharger
- Exhaust flex pipe

### The body\*

- Wiring

### Wheel well\*

- Brake calliper
- Spring brake cylinder

\*\* Look out for these parts when maintaining and inspecting vehicles



While bus fires can spread quickly, thermal incidents such as smoke coming from the engine bay or wheel well are early warning signs of potential fire. These can be prevented or reduced by checking the top key parts responsible.

## Early warning signs - parts to check

### Engine bay\*

- A/C compressor
- Coolant hose
- Alternator

### The body\*

- A/C fan controller
- Relay
- Wiring
- A/C fan motor

### Wheel well\*

- Brake calliper
- Modulator valve
- Spring brake cylinder

# What are the types of causes?

## Bus fires

54%

- 38% Electrical
- 31% Mechanical
- 15% Fluid
- 16% Other

## Engine bay



## Early warning signs

32%

- 49% Fluid
- 42% Mechanical
- 6% Electrical
- 3% Unknown

25%

- 67% Electrical
- 33% Arson

## The body



8%

- 94% Electrical
- 6% Unknown

21%

- 100% Brakes

## Wheel well



60%

- 89% Brakes
- 7% Fluid
- 4% Mechanical & Other

Data based on 2024 notifications of bus fires (24) and thermal incidents (201) received by the Office of Transport Safety Investigations.

## Investigate. Learn. Prevent.

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