Identifying E-Bikes
Electric Bicycles

What is an E-Bike?

An **electric bike** (e-bike) is a bike that has **PEDALS** as the primary source of power, but has a small electric motor that provides assistance to the rider. E-bikes may look similar to ordinary bicycles but have the following features:



Key Features

- **Electric motor:** Has a built in electric motor
- **Battery:** Usually attached to or built into the bike frame
- **Pedal-assist:** Must have pedals to trigger motor assistance
- **Throttle-assisted:** Helps the rider start moving

⚠Important! **Where possible record the following details in triage text, including what went wrong:**

- **Keyword**: e.g. e-bike, electric bike, electric bicycle, e-trike, illegal e-bike, disability e-bike/ trike, etc.
- **Type:** e.g. privately owned or hired (incl company)
- **Substance** (alcohol and/or drugs)
- **Mechanism** (burn, collision, stuck by, fall, etc.)
- **Helmet/Safety Gear** (describe)
- **Passengers** (record number)
- **Speed** (estimated km/per hour)
- **Location** (footpath, road etc.)

Examples of E-Bikes

Pedal Assist E-Bike





Motor helps while pedaling up to 25km/h
May also have throttle assist but only up to 6km/h

Electric Tricycle



Three wheels with electric motor assistance

E-Bike Share



Hire e-bike like BEAM, LIME, or NEURON

Some examples of illegal devices

E-Bike Motor



E-bikes with motors exceeding 250 watts maximum continuous rated power

Throttle



E-bikes where the throttle assist is capable of generating speeds greater than 6km/h

Compliance Note:

In QLD, e-bikes must now meet the **EN 15194 European Standard and display compliance labelling**. Aftermarket modifications, including electric conversion kits, do not comply with this standard and make the bike illegal to ride in public.

Scan the **QR code** for more information