

MOBILE PLANT & EQUIPMENT REVERSING SAFETY

Most drivers spend very little time driving in reverse. However, vehicle damage caused by reversing is one of the largest contributors to vehicle incidents.

The damage usually occurs when the vehicle is reversed into an object, a building or another vehicle. In the worst cases, a child or other pedestrian is the victim.

56% of OTML minor LV incidents has involved 'reversing' the Light vehicle and coming into contact with an object resulting in damage.

HAZARDS

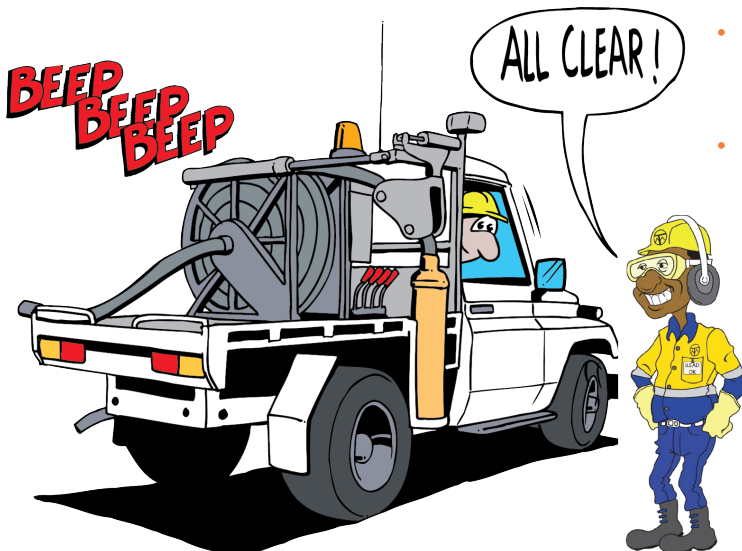
Factors contributing to LV incidents include:

- **Human Factors** (Inadequate Situational Awareness/ In- Experience /Knowledge/ Skill for task/ Distraction/pre-occupation/ Fatigue)
- Inadequate **hazard awareness**
- Inadequate **controls**
- Inadequate **lighting**
- Inadequate **compliance to procedure**
- Inadequate awareness on **equipment use** (model upgrades)

CONTROLS

Poor reversing visibility and failure to compensate are factors that contribute to many collisions. Most reversing collisions occur at low speed and are preventable if drivers take some simple safety precautions and modify their driving behaviour.

- Ensure the vehicle's rear vision mirrors are clean and properly adjusted.
- Visually check for obstacles on approach to a reverse parking area.
- Give way to pedestrians if you're entering a roadway from a driveway.
- Before reversing, look over both shoulders, and use the reversing camera and mirrors.
- Reverse slowly, and constantly check the reversing camera and all mirrors.
- Pay attention to audible alarms and stop reversing if you hear an alarm.
- Remember that reversing vehicles have no right of way. If a vehicle approaches from behind, remain stationary and give way until it passes.
- If you're unsure whether the way is clear because of blind spots, see if someone can guide you. If not, get out and check for obstacles yourself.
- Don't be too proud or shy to ask someone to guide you while reversing. It's less embarrassing to use a guide than crash a vehicle.
- Before reversing from a parking area with restricted rear vision, walk around the vehicle and check for hazards.
- If you're driving an unfamiliar vehicle, practise reversing to become aware of the vehicle's rear visibility, turning circle and potential blind spots.



Reversing Rules

01

Avoid reversing. Only reverse if it is necessary and only over a short distance.

02

Inspect your vehicle to make sure mirrors, cameras, and alarms are clean, undamaged and working correctly.

03

Visually check for obstacles before reversing (get out of the vehicle if necessary). Be aware of your blind spots.

04

Only reverse equipment if you are trained and authorised to do so, and are confident that you can do it safely.

05

Use the horn to indicate your intention to reverse.

06

Use a spotter.

07

Use mirrors, cameras and your eyes to check both sides as well as behind you before and while reversing.

08

Reverse slowly. Take your time.

09

Reverse park where possible so you can drive out.

10

Enter and leave a roadway in a forward direction.

11

Reversing vehicles do NOT have right of way. If a vehicle approaches from behind, stop and wait for it to pass.

12

If driving an unfamiliar vehicle, practice reversing to become aware of the vehicle's rear visibility, turning circle and blind spots.



OPERATORS / EMPLOYEES

- I am familiar with the relevant information and procedures on reverse parking (including park brake, engine off, chocks etc)?
- I am familiar with my surrounding and the area in which I will reverse park into?
- I have completed prestart inspection for the vehicle and mobile equipment?
- I have checked that the correct size and type of wheel chock is in place and available for the vehicle and mobile equipment I am using?
- I have checked and vehicle and mobile equipment is serviced by authorised service agent?
- I am familiar with the requirements and follow rules for parking at designated car parks - signage, park with wheels against V drain, behind the humps etc?
- I am aware of the safe requirements for parking in areas where No Car Park is available?
- I am aware not to leave a running vehicle or mobile equipment unattended?
- I am aware of the safe requirements for reverse parking in areas where No Car Park is available?
- I have undergone the right training and I'm competent to operate this equipment?

SUPERVISORS / SUPERINTENDENTS

- Operator or driver is familiar with the relevant information and procedures on reverse parking ?
- Operator or driver has completed the specific prestart inspection for the vehicle and mobile equipment being used?
- The correct size and type of wheel chock is in place and available for the specific vehicle and mobile equipment being used?
- The vehicle and mobile equipment is serviced by authorised service agent?
- Designated Car Park is available with safe parking requirements set up - signage in place, V drain, behind the humps etc?
- Operator or driver is aware and familiar with the safe requirements for reverse parking in areas where No Car Park is available?
- Operator or driver is aware not to leave a running vehicle or mobile equipment unattended?
- When parking on slopes and hills (if necessary), operator or driver is aware to park across the slope, turn the wheels to steer the vehicle away from downhill direction and away from potential traffic, chock wheels and stand on upside of vehicle?
- Operator or driver has lowered implements on ground for parked Mobile Equipment?
- Operator or driver has undergone the appropriate training and is competent up to operate the mobile Equipment?

MANAGERS / GENERAL MANAGERS

- Relevant information and procedures on reverse parking (including park brake, engine off, chocks etc) is available and communicated to workers?
- Specific prestart booklets are available for the different types of mobile equipment and vehicles and used by the operator and driver?
- The correct size and type of wheel chocks are in place and available for specific vehicle and mobile equipment used?
- Maintenance schedule is in place for vehicle and mobile equipment by authorised service agent?
- Competency based training for maintenance personnel (including trade competencies) is in place?
- Designated Car Park is available with safe parking requirements set up - signage in place, V drain, behind the humps etc?
- Information is available and accessible to workers on safe requirements for parking in areas where No Car Park is available?
- Driver or Mobile Equipment Training includes reverse parking rules ?