

Reverse(-in) angle parking can be found in some regional and rural towns in NSW and Queensland. This type of parking has its benefit and disbenefits, as there are with any other parking space type. **See below for benefits, disbenefits and tips for implementation:**

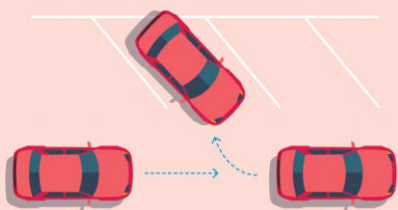


Benefits

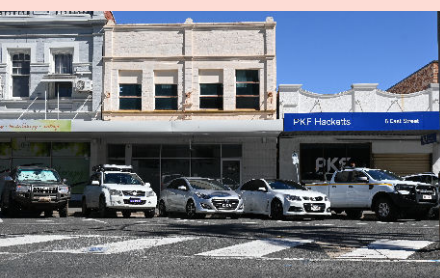
- Vehicle drivers have a clear view of oncoming traffic, pedestrians, and cyclists as they exit (Barnes & Schlossberg, 2013) (Yousif & Purnawan, 2014).
- Vehicle occupants exiting the vehicle are directed to the footpath by the vehicle's open doors.
- Less likely to 'door' bicyclists compared to parallel parking (Barnes & Schlossberg, 2013) (Oregon Department of Transport, 2001).
- Pedestrians on the footpath are less likely to 'dart' out onto the road compared to where parallel parking is present (Biswas, 2017).
- Can have a traffic calming effect as drivers slow down when looking for a parking space (Oregon Department of Transport, 2001).
- Can nearly double the number of parked cars compared to parallel parking (O'Brian, 1995).
- Vehicles can depart quicker compared to front-in angle and parallel parking.

Disbenefits

- Requires a driver to turn the vehicle at a larger angle compared to parallel parking resulting in the front end swinging into the opposite traffic lane (Austroads, 2020).
- More roadway width is required for angle parking space and associated parking manoeuvres (Austroads, 2020)
- Can be more difficult to manoeuvre into the limited and obstructed space (Austroads, 2020).
- Requires a vehicle to reverse into a pedestrian environment.
- A vehicle's projections (e.g. tow bars, bicycle racks etc.) may be a hazard for pedestrians (Austroads, 2020).
- Long commercial vehicles may not fit in the allocated length (Austroads, 2020).
- Vehicles' exhaust is directed onto pedestrian footpath and may enter shops (Austroads, 2020).



Source: Milwaukee Magazine



Handy Pointers

- Long vehicles over 6m in length may need to parallel park their vehicle. Signage to specify this is recommended.
- Line markings can assist drivers with aligning their vehicle when parking.
- Parking sign poles can be impacted and knocked over if they are located where a vehicle's bumper bar would stop. Minimise this from occurring by locating the pole away from where bumper bars are expected to stop.
- A wheel stop can minimise the risk of a vehicle impacting the kerb, sign posts, columns, or other objects on the footpath.
- Having a consistent style of parking on a street or an area can reduce confusion amongst drivers.
- Modern cars with self-park capabilities are currently only capable of parallel and perpendicular parking.

For more information contact Dr Tana Tan (Tana.Tan@SafeSystemSolutions.com.au)

OFFICES IN: Brunswick | Camberwell | Hamilton | Bendigo | Lidköping (Sweden)



FOR FURTHER INFORMATION
contact us at info@SafeSystemSolutions.com.au