

PORT ADELAIDE CYCLING CLUB

ROLE STATEMENT & OPERATING INSTRUCTION

MOTOR PACER



The Motor Pacer is a voluntary role providing a service to members at training and racing events. The Motor Pacer is responsible to a coach in charge at any training session, or the Chief Commissaire at racing events. The Motor Pacer may themselves be the coach in charge, if appropriately accredited as a coach.

The Motor Pacer's general responsibilities are to provide a safe pacing service to cyclists on a velodrome, and safe operation of the pacing scooter on the road as appropriate for the purposes of refueling, maintenance or other essential club activities.

A Motor Pacer is permitted to use Port Adelaide CC's motor scooters at club training or race events, or may elect to use their own pacing bike, provided they hold the appropriate license type for it.

Essential Skills and Requirements

- Holds as a minimum a current South Australian Driver's License Class 'C' or 'R' or 'R-DATE'.
- Holds as a minimum an AusCycling membership (including a non-competitor license) for training and motorpaced racing events such as a Keirin or MotorPaced Scratch Race.
- Previous track riding or racing experience is desirable but not essential.
- Previous bunch riding experience is desirable but not essential.
- Previous use of a motor scooter or motor cycle is desirable but not essential.
- Note an AusCycling All Disciplines license is required if the Motor Pacer is participating in a Derny Race (e.g. is themselves racing against other pairs of Pacer/Rider) as they are in this instance considered a competitor.

Track Familiarisation & Safety

- A new Motor Pacer must receive instruction from an experienced Motor Pacer. A new Motor Pacer shall be provided with enough time on the velodrome to become familiar both with the motor scooter and the track itself before undertaking any pacing activity.
- The Motor Pacer is permitted to wear either an Australian Standards approved bicycle helmet or a full motorcycle helmet while riding on the velodrome. Some riders prefer a bicycle helmet for safety reasons as it allows easier communication between riders. A motorcycle helmet must be worn when riding on any public roads, as required by law.
- The club holds some Australian Standards open-face motorbike helmets for Motor Pacers' use on the road or velodrome.
- Shoes must be worn.

Administrative & Club Scooter Maintenance

The Motor Pacer is expected to undertake the following checks before motorpacing, and correct (or alternatively report to the club for rectification) any issues before, during or after sessions on supplied scooters such as:

- fuel levels (refuel if necessary)

- tyre pressures (pump up tyres if necessary)
- report Oil Light or other service errors on dashboard to committee@pacc.org.au – immediately
- report any crashes or damage to committee@pacc.org.au immediately

Motor pacers are permitted to

- Ride the club's Aprilia SR50 scooters on the road for the purposes of club business, including refueling, checking tyre pressures or other small errands.
- Refuel the club's Aprilia SR50 scooters with **Unleaded 98 Premium** fuel only ([Caltex Petrol Station is located 900m from Hanson at 2 First Ave, Kilkenny](#)). Note a 5L jerry can fits in the scooter's under-seat compartment, so only one scooter trip needs to be undertaken to fetch fuel for both bikes. The fuel cap is under the seat.
- Be fully reimbursed for any fuel costs incurred by emailing a copy of the service station receipt to the Treasurer.
- The club will not be responsible for paying any expiation fines or penalties for offences committed by Motor Pacers while riding on public roads. Riders are expected to ride safely and legally, and be mindful their riding behavior reflects upon the club as the scooters are branded in club livery.

Aprilia SR50 Operating Instructions

The Port Adelaide CC owns two Aprilia SR50 Motor Scooters and they are available for Motor Pacers' use. These are both registered and insured for road use (comprehensive insurance). They are identified by numbers on the front and side, and have different colourways, however they have slightly different operating characteristics:

- Scoot #1 is Silver and Black. The speedometer reads very accurately. The vehicle identification documents contained within the seat must remain with the vehicle. To open the seat, pull the cable end at the left-hand rear of the bike while lifting the passenger seat upwards.
- Scoot #2 is Black, and the red 'warning light' on the instrument panel always remains illuminated while the scooter is running. Scooter #2's speedometer reads out by approximately ~3kmh. To travel at 33kmh, the speedometer needs to read ~36kmh. To open the seat, use the ignition key in the lower leg shield, turning it to the left while lifting the rear of the seat.

Scooters follow this starting procedure, and the procedure can be followed while the scooter is on or off its centre stand:

1. Turn on the ignition with the key, by turning the key fully to the right (clockwise)
2. **Wait** for the dashboard to complete its [start-up sequence](#) (approx. 10 seconds), once complete it displays the full instrument panel (see instrument panel diagram below).
3. Ensure the large red 'Kill Switch' is switched to run/on/down (top of right high hand control) and **listen and wait** for the fuel pump priming sequence to complete (about 5 seconds)
4. **Hold either brake on** while depressing the black thumb 'start' button (lower right hand control) to start the motor. **Throttle is not required** and the scooter has an automatic choke.
5. Once the scooter's motor has caught and started, immediately release the 'start' button. If it did not start immediately, try again after waiting 10 seconds.
6. Allow it to idle for a minute or so to warm up before riding.

Ensure the centre stand is fully up before riding off.

To stop the engine, switch it off with the right hand top red kill switch, or turn the ignition key to off. Do not leave the ignition on for a long period of time with the motor off, as the headlight remains on and it will drain the battery. Turn off the ignition by turning the key to the left by one position. To engage the steering lock, turn the handlebars fully to the left and while jiggling them left and right a little, turn the key another position anticlockwise to the left before removing the key.

Safety Note - do not 'rev' the scooter while it is running on the centre stand. There is a risk that the rear wheel will spin and catch on the ground, and the scooter will fall over.

Safety Note – the exhaust pipe becomes very hot. Be careful when wheeling the scooter to park it, particularly when wheeling it through a door/gate as you may burn yourself, or others.

Essential Controls

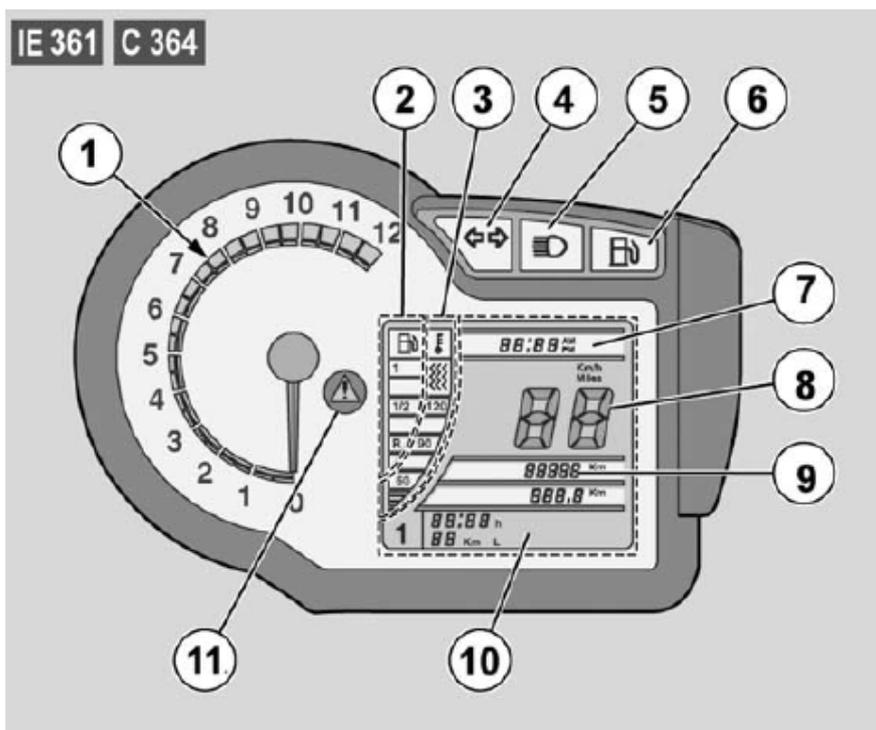
Note - the front left hand lever is the rear brake (not a clutch). The front right lever is the front brake.

The scooters have a constantly variable transmission, e.g. 'twist and go', there is no clutch. You cannot judge speed while riding by watching the RPM meter, you must use the speedometer.

- Indicators – left hand black thumb switch, flick it left or right accordingly. Press it in to cancel the indicator.
- Horn - left hand black lower thumb button.
- High/low beam switch – top left hand switch
- Headlight flash – front left hand yellow finger trigger

Note the instrument panel displays per the diagram below. Note #2 Scooter's Warning light remains illuminated. The Multifunction Display (10) on both bikes will advise of any error messages, including a low two-stroke oil warning. If it advises of low oil, or any other service error in the Multifunction Display, cease riding at the earliest safest time and stop the engine.

The bikes can run for over 50km once the orange fuel light is indicated, so continue the session and ensure the bike is refueled before the commencement of the next session, or leave a note on the bike advising it is low on fuel for the next rider.



1. RPM meter
2. Fuel gauge
3. Coolant temperature gauge
4. Turn signal light, green
5. Highbeams light, blue
6. Fuel reserve warning light, amber
7. Clock
8. Speedometer
9. Odometer
10. Multifunction display: odometer (ODO) / trip odometer (TRIP) / battery voltage
11. Warning light, red