



2024 BARCELONA EVENT

20 to 23 June 2024

| | | | |
|-------------|---------------------------------|-----------------|--------------|
| From | The FIA Formula 3 Race Director | Document | 37 |
| To | All Teams, All Officials | Date | 22 June 2024 |
| | | Time | 08:55 |

Title F3 Event Notes V4
Description F3 Event Notes V4
Enclosed Event Notes Combined V4.pdf

Rui Marques

The FIA Formula 3 Race Director



BARCELONA EVENT

20 TO 23 MAY 2024



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General Instructions (V4) **(changes in light blue)**

1) Pit lane map

- 1.1. Safety Car lines.
- 1.2. The location of the pit entry and the pit exit.
- 1.3. Designated garage areas.
- 1.4. Safety Car position for first lap and rest of race.
- 1.5. Blue flag marshal at the pit exit.
- 1.6. Track light panels displaying pit entry status.

2) Pirelli Event Preview

- 2.1. With reference to Article 12.9 of the Technical Regulations see the attached document provided by the official tyre supplier.

3) Pre & Post Session / Race Procedure from support paddock to F1 pit lane

- 3.1. For the transfer procedures from the support paddock to the F1 pitlane, prior to all sessions and races, only the set of installation tyres detailed in Article 24.1 of the Sporting Regulations, may be used.
- 3.2. A detailed description and further information of this procedure (pit lane order and timing) are described in the attached document – F3 Event Procedures V3.

4) Tyre Schedule

- 4.1. Refer to attached document – F3 Tyre Schedule.

5) Track Light Panels

- 5.1. The FIA track light panels have been installed in the positions shown on the circuit map. In accordance with Appendix H to the ISC the light signals have the same meaning as flag signals.

6) Drivers leaving their pit stop position in the pit lane

- 6.1. For safety reasons, during practice and qualifying drivers must not do burn outs from their pit stop position, for the avoidance of doubt this also applies when the pit exit is open for reconnaissance laps.
- 6.2. It is not permitted to do burn outs or clutch bite points checks in the paddock, garage areas and in the pit lane at any time during the Event.
- 6.3. For reasons of safety, any driver released from their pit stop position must move to the fast lane as quickly as possible, drivers must not drive side by side with another car.
- 6.4. For reasons of safety and sporting equity, drivers must not drive through other team's pit bay after being released from their pit stop position.
- 6.5. No wheel nuts must be left on the ground at all times.

7) Fuel pressure release in parc fermé

- 7.1. For safety reasons, teams are authorised to appoint one person specifically in order to



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release the pressure inside the fuel cell when the cars return after each session. In addition, teams are authorised to attach fans to the car in the parc fermé.

- 7.2. When the cars are in the parc fermé, this person must request prior authorization from the FIA Technical Delegate on site and is only authorized to perform the action specified above.
- 7.3. This person will not count as far as Article 21.5 of the 2023 FIA F3 Sporting Regulations is concerned (team personnel limitation)

8) Observing yellow flags during free practice and qualifying

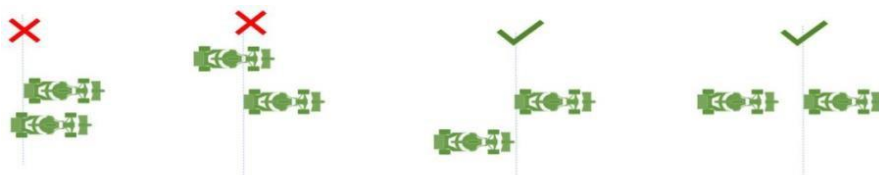
- 8.1. Single waved: Drivers reduce their speed and be prepared to change direction. It must be clear that a driver has reduced speed and, in order for this to be clear, a driver would be expected to have braked earlier and/or discernibly reduced speed in the relevant marshalling sector.
- 8.2. Double waved: Any driver passing through a double waved yellow marshalling sector must reduce speed significantly and be prepared to change direction or stop. In order for the stewards to be satisfied that any such driver has complied with these requirements it must be clear that the driver has not attempted to set a meaningful lap time. Furthermore, during free practice and qualifying any driver in a double yellow sector will have that lap time cancelled.

9) Lapping during the race

- 9.1. The ISC requires drivers who are caught by another car about to lap him to allow the faster driver past at the first available opportunity. The F1 Marshalling System has been developed in order to ensure that the point at which a driver is shown blue flags is consistent, rather than trusting the ability of marshals to identify situations that require blue flags.
- 9.2. As it was at the end of last season the system will be set to give a pre-warning when the faster car is within 3.0s of the car about to be lapped, this should be used by the team of the slower car to warn their driver he is soon going to be lapped and that allowing the faster car through should be considered a priority. When the faster car is within 1.2s of the car about to be lapped blue flags will be shown to the slower car (in addition to blue light panels, blue cockpit lights and a message on the timing monitors) and the driver must allow the following driver to overtake at the first available opportunity.
- 9.3. It should be noted that the aim of using F1MS is ensure consistent application of the rules, additional instructions may also be given by race control when necessary.

10) Safety Car Procedure / End of VSC period

- 10.1. Art. 40.13 (...) In order to avoid the likelihood of accidents before the safety car returns to the pits, from the point at which the lights on the car are turned out drivers must proceed at a pace which involves no erratic acceleration or braking nor any manoeuvre which is likely to endanger other drivers or impede the restart. (...)
- 10.2. At the end of each VSC procedure, Drivers must follow their delta time until the "VSC" on the FIA Light panels have changed to green.
- 10.3. The positioning of the cars in both procedures (Safety Car and VSC) must comply with the





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below drawing:

- 10.4. To reduce the risk of an incident at the restart, weaving is not permitted from the entrance of Turn 13 until the driver passes the line.

11) Teams Guests

- 11.1. Teams are reminded that guests are included in the category of participants as defined in Article 20 of the International Sporting Code. At the same time, Article 9.15 from the International Sporting Code states that the competitor is responsible for all acts or omissions on the part of any person to whom the competitor has allowed access to the reserved area. The pit lane and the grid are reserved areas.

Event Specific Instructions

12) Changes to the circuit

- Concrete verge extended at exit Turn 2 on LHS.
- Concrete verge extended at apex Turn 7 on RHS.
- New bollards at exit Turn 2 on LHS.
- Concrete verge at apex Turn 2 on RHS repaired and newly painted.
- Concrete verge between Turn 13 and Turn 14 on LHS repaired and newly painted.
- New opening between Turn 13 and Turn 14 on LHS.
- New Marshal Post 11.2 in Turn 12 on RHS.
- All stickers removed from Pit Lane surface.

13) Pit Lane

- 13.1. The pit lane speed limit is 60 km/h for the entire event.

14) Pit Lane Barriers

- 14.1. F1 Teams have been instructed to ensure their barriers are no more than 3.2 meters from the garages.

15) DRS

- 15.1. DRS Detection will be automatically disabled in each individual zone if any of the light panels in that zone are displaying yellow. The zones and corresponding light panels are as follows:

- a) DRS Activation 1: Panels 10, 11, 12
- b) DRS Activation 2: Panels 16, 1, 2

16) Practice starts.

- 16.1. Practice starts may only be carried out on the right-hand side after the pit exit lights but before the end of the pit wall. For the avoidance of doubt, this includes any time the pit exit is open for the race. Drivers must leave adequate room on their left for another driver to pass.
- 16.2. For reasons of safety and sporting equity, cars may not stop in the fast lane at any time the pit exit is open without a justifiable reason.



17) Lines or bollards at the Pit Entry and Pit Exit.

- 17.1. In accordance with Chapter 4, Article 4 and 6 of Appendix L to the ISC drivers must follow the procedures at pit entry and pit exit.
- 17.2. For safety reasons drivers must keep to the right of the bollard at the pit entry when they are entering the pits.



- 17.3. For safety reasons, overtaking is not allowed at the pit entry road after crossing Safety Car Line 1, unless in exceptional circumstances e.g., a slow car with an obvious mechanical problem.

18) Track Limits.

- 18.1. In accordance with the provisions of Article 27.3, the white lines define the track edges. During Free Practice, Qualifying and the Races, each time a driver fails to negotiate with the track limits, this will result in that lap time being invalidated by the Stewards.
- 18.2. The fourth and following offences will be reported to the Stewards, regardless of having displayed the warning flag to the driver beforehand.
- 18.3. **Turn 1-2**

Any driver going with all four wheels to the left of the left-hand side track limiting white line at turn 1 and turn 2 may only rejoin the track at turn 3 on the following conditions:

- a. The car passes on the left-hand side of the two bollards at the entry of turn
- b. The car rejoins the track in a safe way
- c. The car does not gain a lasting advantage



19) Fire extinguishers around the circuit

19.1. Indicated by white boards with a red fire extinguisher image attached to the debris fences and barriers.

20) Places to remove cars from the track

20.1. Indicated fluorescent orange panels/paintings on the barriers.

21) Removing cars from the grid

21.1. Cars may be removed from the grid through grid positions 2 and 17.

22) Car number light panels for the start

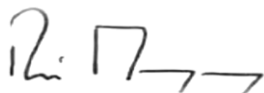
22.1. On the right-hand side of the grid.

23) Suspending a Race

23.1. In case of a race suspension, cars will be stopped in the fast lane of the pits in the vicinity of the last garage.

24) General – End of Races

24.1. The three podium cars should stay in front of the field stop at the podium area in the pit lane. They will be under parc fermé conditions.



Rui Marques
Race Director
FIA Formula 3 Championship



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Paddock departures and Return – Trolleys and Cars [\(V3\)](#) [\(changes in light blue\)](#)

Departure from Support Race Pit Lane

Teams have been allocated in the correct order for entry into the F1 pit lane, so please keep to this order for each transfer:

| | |
|---------------------|-----------------------|
| 1. Prema Racing | 6. Jenzer Motorsport |
| 2. Rodin Motorsport | 7. Hitech Pulse Eight |
| 3. AIX Racing | 8. Campos Racing |
| 4. ART Grand Prix | 9. MP Motorsport |
| 5. VAR | 10. Trident |

Team trolleys will exit the F3 paddock turning left onto the main paddock road, keeping to the left-hand side to avoid blocking emergency vehicles, shuttles etc. Upon receiving the signal from the marshals, they can advance to the F1 pit lane. Team members may only enter the F1 pit lane together with the trolleys.

Race cars should be pushed onto the main paddock road, keeping to the left to avoid blocking any emergency vehicles, shuttles etc. After the trolleys have left and when the signals are given by the marshals, car may be pushed from the main paddock road to the F1 pit lane.

Return to Support Race Pit Lane

Team vehicles will leave the F1 pit lane by moving to the far exit of the pit lane and follow the roadway back to the F3 paddock. Teams and trolleys will leave the F1 [by the end of the pit lane turning right after the building via the same way they entered](#) in the exact reverse order (Trident first and Prema Racing last).

At the end of the practice and qualifying sessions, after taking the chequered flag, all cars should progressively slow down to go on to the pit entry road in a single file to turn right through the gate at pit entry to stop in the parc fermé area. Drivers must follow marshals' instruction.

At the end of both races, after taking the chequered flag, all cars should progressively slow down to go on the pit entry road in a single file to turn right through the gate at pit entry to stop in the parc fermé area. Drivers must follow marshals' instruction.

The podium cars should stay in front of the field and continue to the F1 pit lane for the podium presentation where they will be under parc ferme conditions. Mechanics must be ready to push the podium cars back immediately to the scrutineering area after the podium presentation.

All cars in the F1 pit lane at the end of each session must go on track and go on the pit entry road to enter the gate before the pit building. Cars will enter the support paddock by the gate at the left-hand side before the service road and go to parc

The use of scooters in the paddock, roadway and during the departure and return procedures to the pit lane is forbidden for the entire Event.

Pit Lane Procedures Times

Local marshals will be in control of trolley and race car movements so please follow their instructions. The timings below are approximate and for guidance only:

Friday – Practice (09:55 – 10:40)

| | |
|------------------------------------|---------------|
| Trolleys ready to depart | 09:20 |
| Trolleys move to pit lane entrance | 09:30 |
| Trolley released to F1 pits | approx. 09:35 |
| Race cars released to F1 pits | approx. 09:40 |

Friday – Qualifying (15:00 – 15:30)

| | |
|------------------------------------|---------------|
| Trolleys ready to depart | 14:25 |
| Trolleys move to pit lane entrance | 14:35 |
| Trolley released to F1 pits | approx. 14:40 |
| Race cars released to F1 pits | approx. 14:45 |

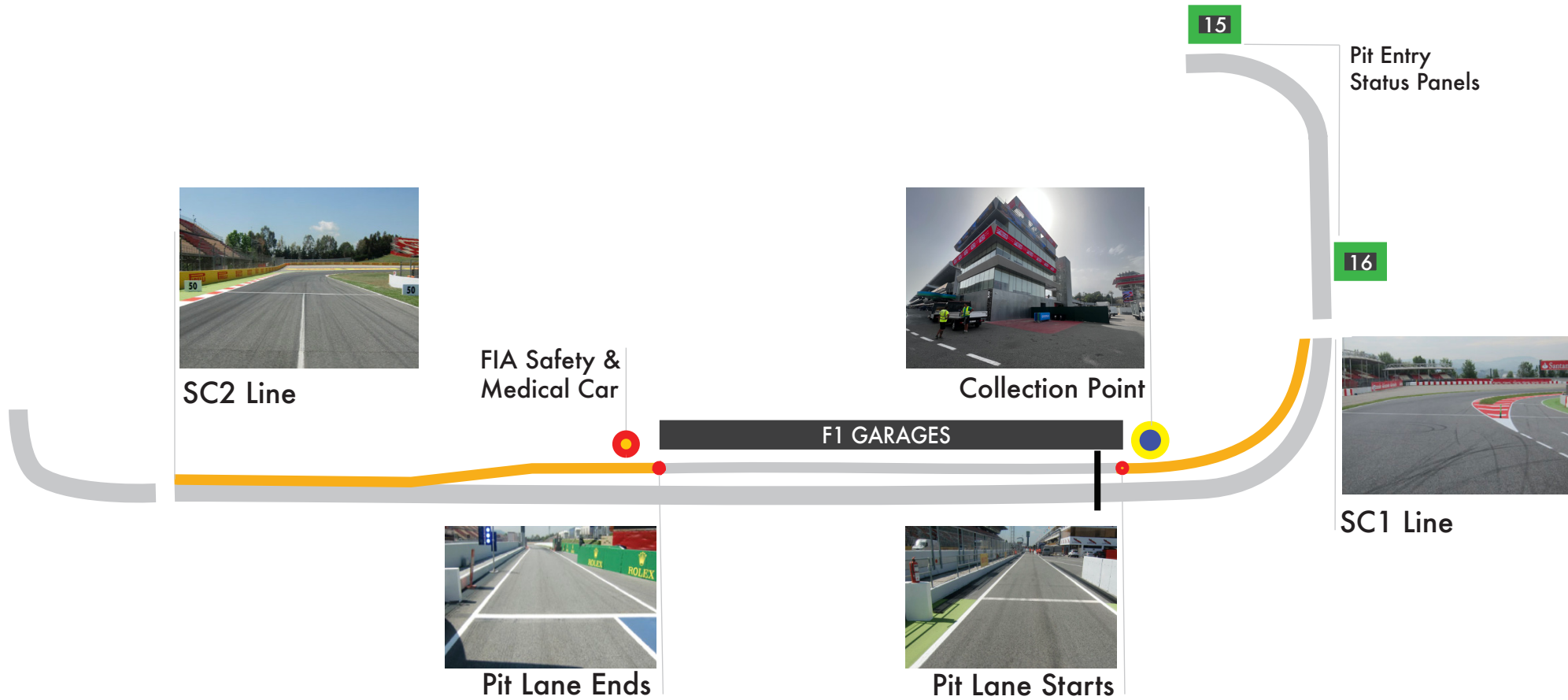
Saturday – Sprint Race (pit lane open 10:25)

| | |
|------------------------------------|---------------|
| Trolleys ready to depart | 09:50 |
| Trolleys move to pit lane entrance | 10:00 |
| Trolley released to F1 pits | approx. 10:05 |
| Race cars released to F1 pits | approx. 10:10 |

Sunday – Feature Race (pit lane open 09:50)

| | |
|------------------------------------|---------------|
| Trolleys ready to depart | 09:15 |
| Trolleys move to pit lane entrance | 09:25 |
| Trolley released to F1 pits | approx. 09:30 |
| Race cars released to F1 pits | approx. 09:35 |

Rui Marques
The FIA Formula 3 Race Director



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| 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 09 | 08 | 07 | 06 | 05 | 04 | 03 | 02 | 01 | 00 | | | |
| FOM | HAAS | HAAS | HAAS | HAAS | SAUBER | SAUBER | SAUBER | SAUBER | RACING BULLS | RACING BULLS | RACING BULLS | RACING BULLS | WILLIAMS | WILLIAMS | WILLIAMS | WILLIAMS | ALPINE | ALPINE | ALPINE | ALPINE | ALPINE | ASTON MARTIN | ASTON MARTIN | ASTON MARTIN | ASTON MARTIN | WALKWAY | MCLAREN | MCLAREN | MCLAREN | MCLAREN | FERRARI | FERRARI | FERRARI | FERRARI | FERRARI | MERCEDES | MERCEDES | MERCEDES | MERCEDES | RED BULL | RED BULL | RED BULL | RED BULL | RED BULL | FOM | FOM | FIA | FIA | FIA | FIA | FOM |
| Prema | | | | Rodin | | | | AIX | | | | ART | | | | VAR | | | | Jenzer | | | | Hitech | | | | Campos | | | | MP | | | | Trident | | | | | | | | | | | | | | | |

FAST LANE

BARCELONA EVENT

20TH TO 23RD JUNE 2024

TYRE SCHEDULE

(ART. 24.6. 2024 FORMULA 3 CHAMPIONSHIP SPORTING REGULATIONS)

- The Formula 3 tyre parc fermé is situated at the Pirelli service area
- No wet tyres will be allowed in the tyre parc fermé
- Wet tyres remain in possession of teams
- All tyres in the possession of teams must be visible to the Scrutineers at all times during the event
- The tyre pressure and temperature master gauge is available at the FIA F2 weigh platform area

Thursday 20th June

14:00 All teams' tyres will be released from the FIA Formula 3 tyre parc fermé

18:00 All dry tyres must be deposited in the FIA Formula 3 tyre parc fermé

Friday 21st June

07:55 All teams' tyres will be released from the FIA Formula 3 tyre parc fermé

2 h after end of car Parc fermé

All dry NEW and all USED tyres must be deposited in the FIA Formula 3 tyre parc fermé

Saturday 22nd June

08:25 All teams' tyres will be released from the FIA Formula 3 tyre parc fermé

2 h after end of car Parc fermé

All dry NEW and all USED tyres must be deposited in the FIA Formula 3 tyre parc fermé

Sunday 23rd June

07:50 All teams' tyres will be released from the FIA Formula 3 tyre parc fermé

2 h after end of car Parc fermé

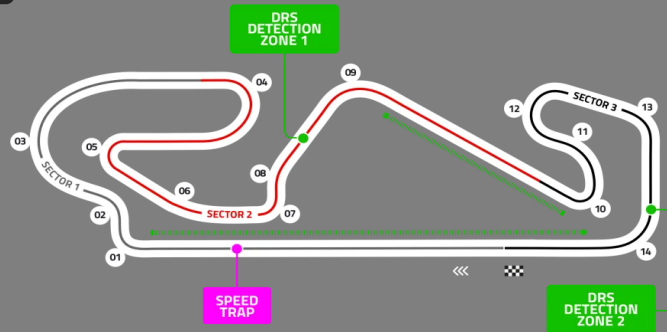
All tyres must be returned to the Pirelli service area

In accordance with Articles 12.9. and 12.10. of the F3 Technical Regulations, this document contains the prescriptions for the operation of tyres during the following event.

Document Version 1, Issue A

Grand Prix of Spain - 21/06/24 - (24F3R05BCN)

Circuit Layout



Please note, track map is from the official Formula website and for display purposes only.

Compounds Selection

| Compound | FL | FR | RL | RR |
|----------|-----|-----|-----|-----|
| Hard | SL2 | SL2 | SL3 | SL3 |
| Wet | SO0 | SO1 | SO2 | SO3 |

| Sets | Carry Over |
|------|---------------------------------|
| 4 | N/A 1 set carried to next event |
| 2 | |

Prescriptions and Wear Life

Minimum pressures (psi)

| | Rear (psi) | Front (psi) | |
|--------|------------|-------------|--------|
| Slicks | 14.0 | 14.0 | Slicks |
| Wets | 13.0 | 14.0 | Wets |

Minimum Cambers (degrees)

Rear Camber Limits

FP & Q -3°

Race -3°

Front Camber Limits

-4.75° FP & Q

-4.25° Race



Wear (from 23R05BCN Race)

| | | | |
|------|--------------------|---------------------|------|
| Hard | 30 % | 24 % | Hard |
| | Rear avg @ 15 Laps | Front avg @ 15 Laps | |

Tyre Notes

- Not permitted to switch tyres from their allocated position.
- Do not subject tyres to large deformation or impact.
- Revised prescriptions could be issued at any time during the weekend in accordance with the FIA F3 Sporting Regulations.
- Tyre pressure will be monitored in accordance with procedure outlined in the team FTP area.

- Teams are kindly asked present **Wet** rims to the Pirelli Service Area by 13:00 for initial fitting on 19/06.
- Teams are kindly asked present **Slick** rims to the Pirelli Service Area by 07:30 for initial fitting on 20/06.
- Teams are reminded to remove their rims as soon as possible from the fitting area after sets have been returned.
- Teams are reminded a balancer will be made available until the last tyre is stripped on the final day, to check rims for damage.

General notes

Teams are kindly reminded that the following parameters will be subjected to FIA checks during the event:

- Minimum tyre pressure
- Static Camber
- Tyre allocation and Tyre swapping