

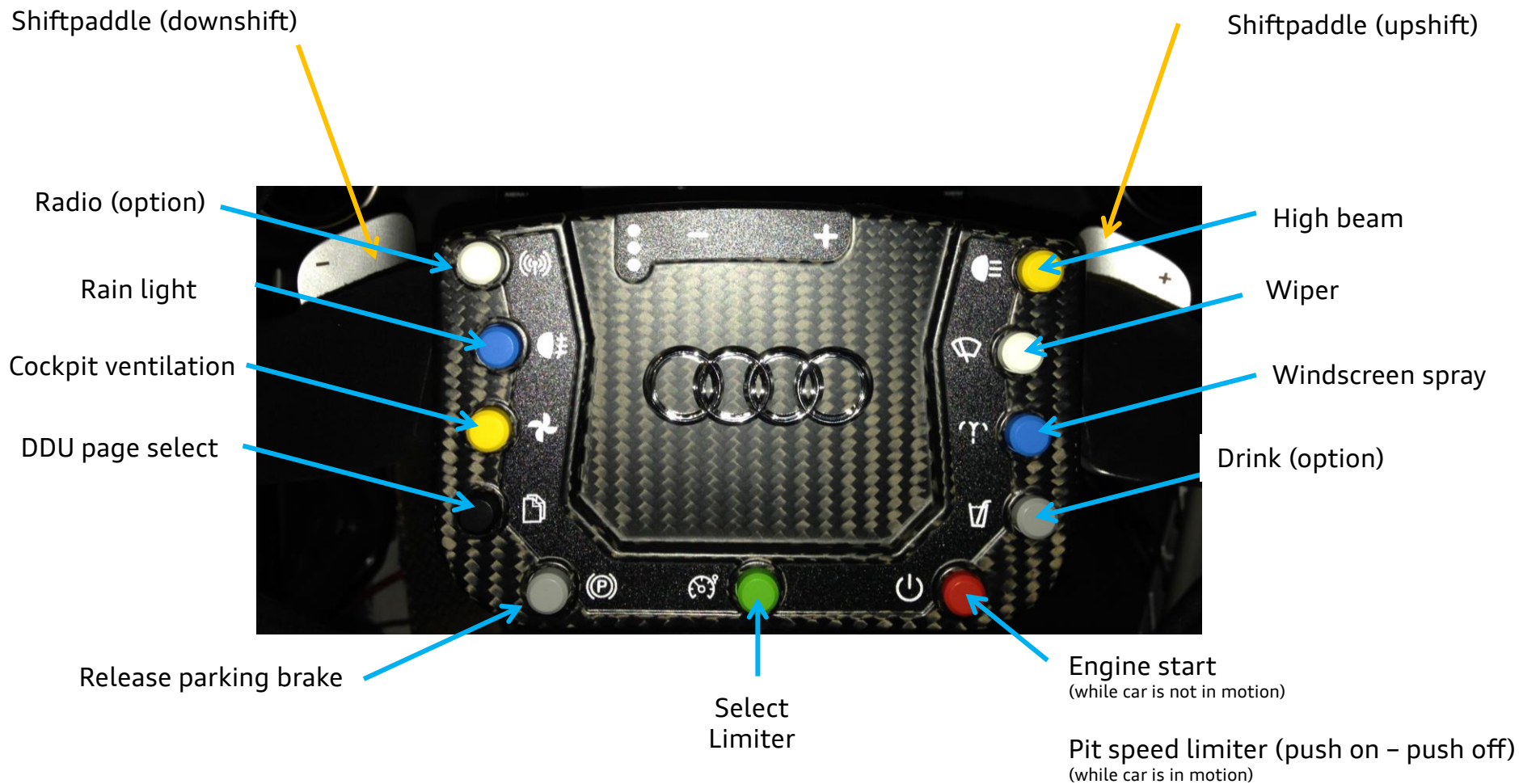


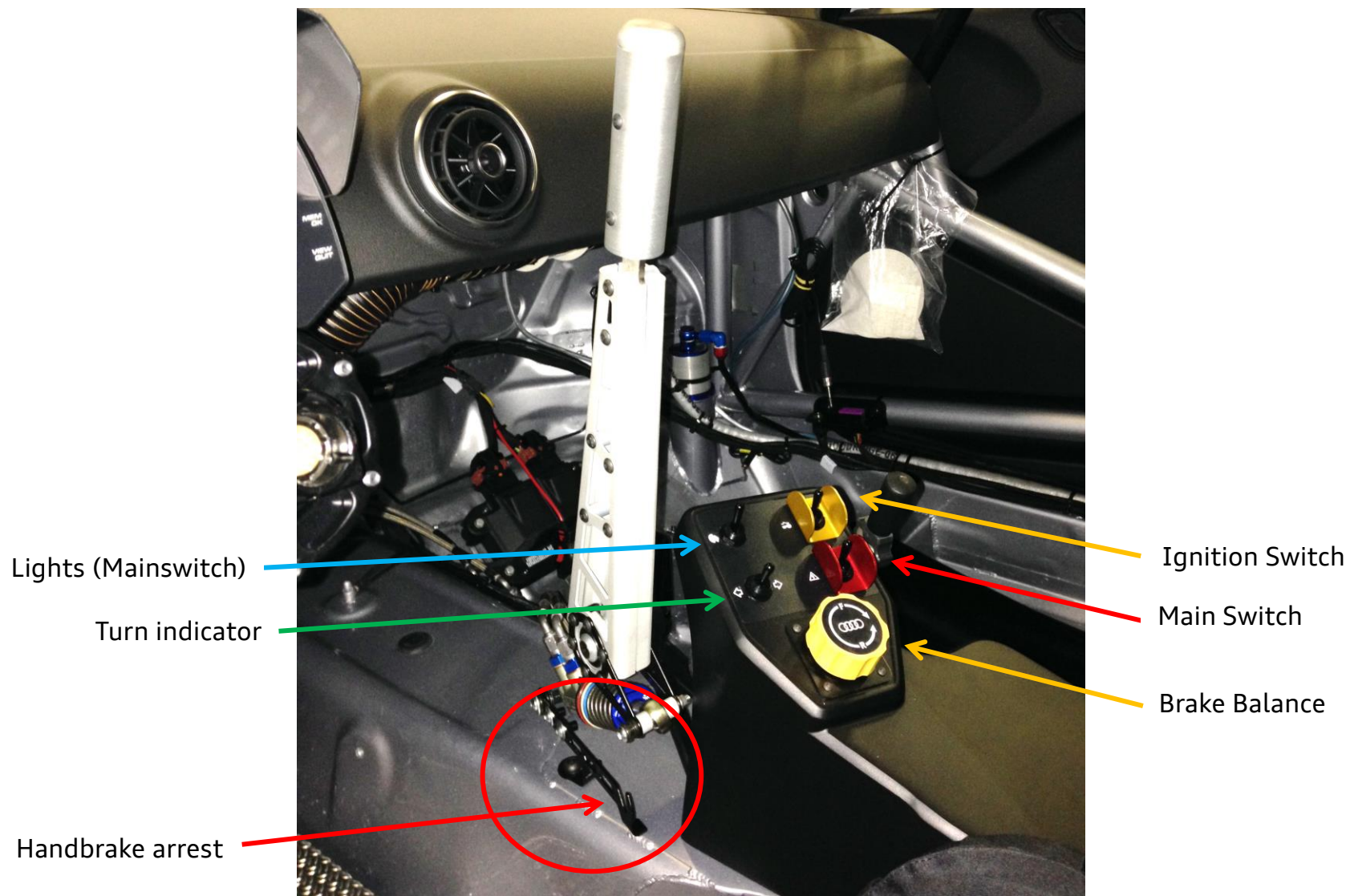
 **Audi Sport**

Audi RS 3 LMS
Quick start guide

Steering Wheel

Audi RS 3 LMS





- ▶ Preparations for engine start
 - ▶ Please ensure that the complete car is in roadworthy condition and stands on flat surface
 - ▶ Open engine bonnet
 - ▶ Lift the car with the air-jack system and mount the safeties
 - ▶ Check the level off all fluids
 - ▶ The battery has to be charged – but has to be disconnected for the start to check its full function
 - ▶ Care for a good ventilation in the pit box / garage
 - ▶ Ensure that the neutral gear position is engaged

- ▶ Engine start
 - ▶ Switch on main switch (red cover)
 - ▶ Wait until DDU has booted completely (values are shown on DDU)
 - ▶ Switch on ignition (yellow cover)
 - ▶ Push start button until engine is starting
 - ▶ Watch oil-pressure carefully
 - ▶ Don't remove the steering wheel while engine is running – this might cause electronic troubles !

- ▶ Warm up (car lifted with airjack system and secured with safety)
 - ▶ Make sure main and ignition are on
 - ▶ **Start the car** -> see page 4
 - ▶ Shift up to the 6th gear keeping 3000 rpm and pulling shift UP-paddle
 - ▶ Heat up engine and gearbox oil with ~ 3000 rpm in sixth gear
 - ▶ Have a look at the water temperature (DDU), it should not rise above 110°C (if necessary put a fan in front of the car)
 - ▶ Check that the fan behind the water radiator starts to rotate at 90°C
 - ▶ When gearbox temperature is ~ 50°C start the cool down
- ▶ Cool down
 - ▶ Shift down from sixth gear to first gear by going off throttle, running engine in idle (do not push clutch)
 - ▶ Shift down from first gear to neutral by pushing clutch
 - ▶ Check reverse gear by pushing clutch and pressing reverse
 - ▶ Go back to neutral
 - ▶ Run the engine 2 minutes in idle speed
 - ▶ Look for error codes using DIAGRA
 - ▶ Switch off ignition, the engine stops.
 - ▶ Wait one minute and check the oil level of the engine
 - ▶ Visual check of all fluid levels
 - ▶ Inspect the engine in matter of leakages, damages, electrical and wiring problems
 - ▶ Switch of ignition and main switch

Dashboard shiftlights

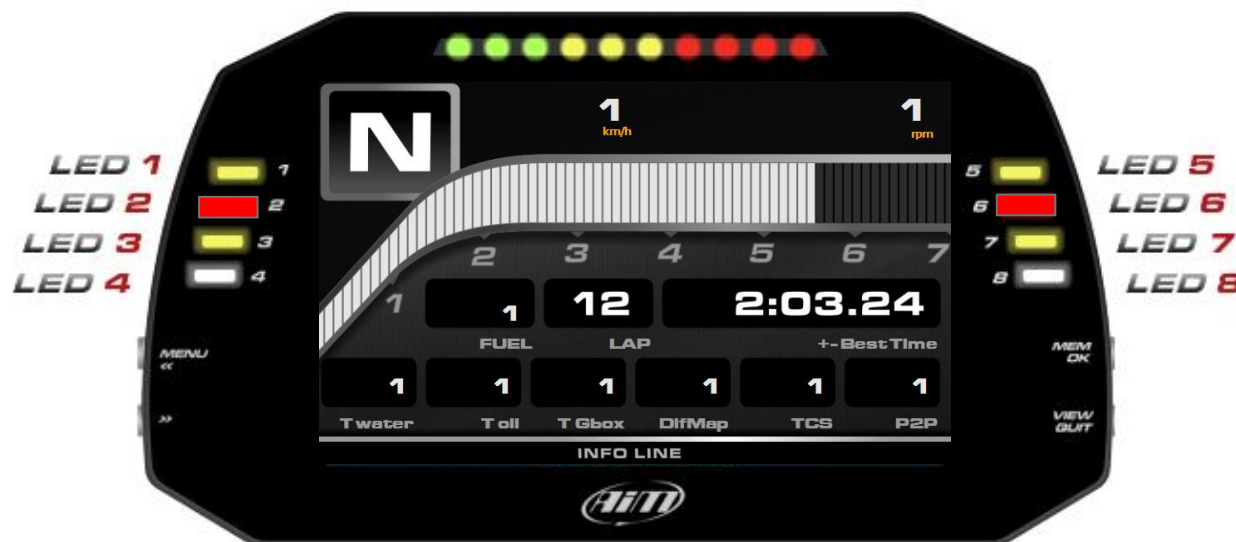
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Shift down →
only when green lights on

Gear	Shift Light 1	2	3	4	5	6	7	8	9	10
6	5100	5300	5600	5800	6000	6200	6300	6500	6600	6700
5	4350	4750	5050	5200	5300	5400	5500	5900	6000	6100
4	4300	4600	4900	5100	5350	5600	5800	6000	6100	6200
3	4100	4400	4700	5000	5300	5600	5800	6000	6100	6200
2	4000	4300	4600	5000	5400	5800	6000	6100	6200	6300
1	4500	4800	5100	5300	5600	5800	6000	6100	6200	6300

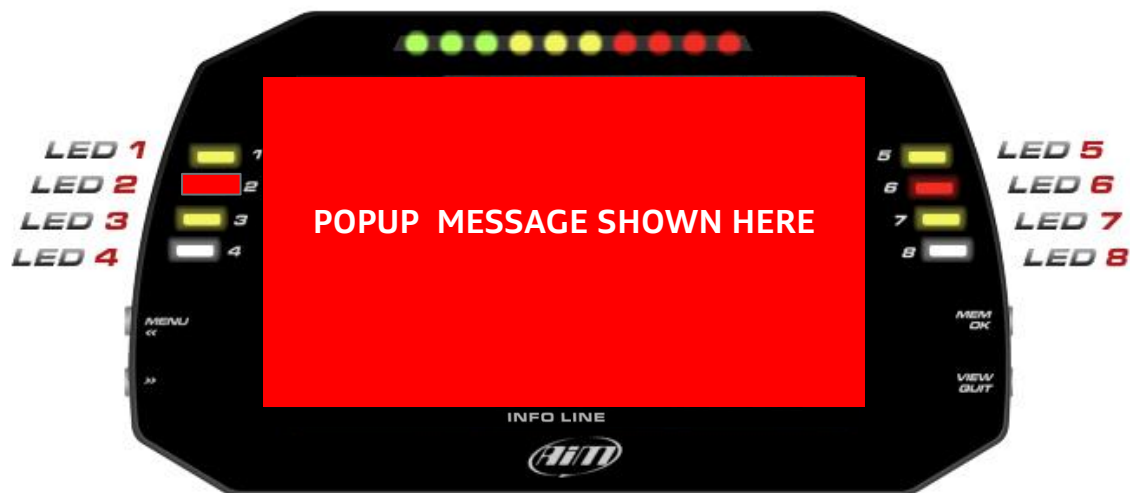
Higher revs → flashing

Limiter 6.800 rpm









How to adjust brake balance

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- ▶ Preparation for adjusting the brake balance
 - ▶ Select the DDU pages showing P BRK FRONT and P BRK REAR
 - ▶ Press brake pedal to 15 bar front
 - ▶ Check the rear value – 12 bar is the target
- ▶ Adjusting the brake balance
 - ▶ Turn the yellow knob clockwise to reduce pressure in the rear
anti-clockwise to increase pressure in the rear
 - ▶ While turning the knob do not push the brake-pedal
this will block the regulation
- ▶ Adjust the brake pressure limiter
 - ▶ In order to limit the max. pressure of the rear axle you can use the pressure limiter
 - ▶ 7 steps are available
 - ▶ Move to the front = valve closed (Position 0)
 - ▶ Move to the back = valve opens step by step (max Position 7)
 - ▶ Pos 3 is standard
 - ▶ If you feel the rear locking move to the front
 - ▶ If you miss brake performance in the rear move to the rear



Good luck with your...

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