ACC Shared Memory v1.8.12

Field is working as intended
Field is not used by ACC
New / reworked entry(/ies) since last build
* indicates double fields

Order of wheels:

Front Left	FL
Front Right	FR
Rear Left	RL
Rear Right	RR

SPageFilePhysics

The following members change at each graphic step. They all refer to the player's car.

int packetId	Current step index
float gas	Gas pedal input value (from -0 to 1.0)
float brake	Brake pedal input value (from -0 to 1.0)
float fuel	Amount of fuel remaining in kg
int gear	Current gear
int rpm	Engine revolutions per minute
float steerAngle	Steering input value (from -1.0 to 1.0)
float speedKmh	Car speed in km/h
float velocity[3]	Car velocity vector in global coordinates
float accG[3]	Car acceleration vector in global coordinates
float wheelSlip[4]	Tyre slip for each tyre [FL, FR, RL, RR]
float wheelLoad[4]	Wheel load for each tyre [FL, FR, RL, RR]
float wheelPressure[4]	Tyre pressure [FL, FR, RL, RR]
float wheelAngularSpeed[4]	Wheel angular speed in rad/s [FL, FR, RL, RR]
float tyreWear[4]	Tyre wear [FL, FR, RL, RR]
float tyreDirtyLevel[4]	Dirt accumulated on tyre surface [FL, FR, RL, RR]
float TyreCoreTemp[4] *	Tyre rubber core temperature [FL, FR, RL, RR]
float camberRAD[4]	Wheels camber in radians [FL, FR, RL, RR]
float suspensionTravel[4]	Suspension travel [FL, FR, RL, RR]
float drs	DRS on
float tc **	TC in action
float heading	Car yaw orientation
float pitch	Car pitch orientation

`float roll`	Car roll orientation
`float cgHeight`	Centre of gravity height
`float carDamage[5]`	Car damage: front 0, rear 1, left 2, right 3, centre 4
`int numberOfTyresOut`	Number of tyres out of track
`int pitLimiterOn`	Pit limiter is on
`float abs ***`	ABS in action
`float kersCharge`	Not used in ACC
`float kersInput`	Not used in ACC
`int autoshifterOn`	Automatic transmission on
`float rideHeight[2]`	Ride height: 0 front, 1 rear
`float turboBoost`	Car turbo level
`float ballast`	Car ballast in kg / Not implemented
`float airDensity`	Air density
`float airTemp`	Air temperature
`float roadTemp`	Road temperature
`float localAngularVel[3]`	Car angular velocity vector in local coordinates
`float finalFF`	Force feedback signal
`float performanceMeter`	Not used in ACC
`int engineBrake`	Not used in ACC
`int ersRecoveryLevel`	Not used in ACC
`int ersPowerLevel`	Not used in ACC
`int ersHeatCharging`	Not used in ACC
`int ersIsCharging`	Not used in ACC
`float kersCurrentKJ`	Not used in ACC
`int drsAvailable`	Not used in ACC
`int drsEnabled`	Not used in ACC
`float brakeTemp[4]`	Brake discs temperatures
`float clutch`	Clutch pedal input value (from -0 to 1.0)
`float tyreTempI[4]`	Not shown in ACC
`float tyreTempM[4]`	Not shown in ACC
`float tyreTempO[4]`	Not shown in ACC
`int isAIControlled`	Car is controlled by the AI
`float tyreContactPoint[4][3]`	Tyre contact point global coordinates [FL, FR, RL, RR]
`float tyreContactNormal[4][3]`	Tyre contact normal [FL, FR, RL, RR] [x,y,z]
`Float tyreContactHeading[4][3]`	Tyre contact heading [FL, FR, RL, RR] [x,y,z]
`float brakeBias`	Front brake bias, see Appendix 4
`float localVelocity[3]`	Car velocity vector in local coordinates
`int P2PActivation`	Not used in ACC
`int P2PStatus`	Not used in ACC
`float currentMaxRpm`	Maximum engine rpm
`float mz[4]`	Not shown in ACC

float fx[4]	Not shown in ACC
float fy[4]	Not shown in ACC
float slipRatio[4]	Tyre slip ratio [FL, FR, RL, RR] in radians
float slipAngle[4]	Tyre slip angle [FL, FR, RL, RR]
int tcinAction **	TC in action
int absInAction ***	ABS in action
float suspensionDamage[4]	Suspensions damage levels [FL, FR, RL, RR]
float tyreTemp[4] *	Tyres core temperatures [FL, FR, RL, RR]
float waterTemp	Water Temperature
float brakePressure[4]	Brake pressure [FL, FR, RL, RR] see Appendix 2
int frontBrakeCompound	Brake pad compund front
int rearBrakeCompound	Brake pad compund rear
float padLife[4]	Brake pad wear [FL, FR, RL, RR]
float discLife[4]	Brake disk wear [FL, FR, RL, RR]
int ignitionOn	Ignition switch set to on?
int starterEngineOn	Starter Switch set to on?
int isEngineRunning	Engine running?
float kerbVibration	vibrations sent to the FFB, could be used for motion rigs
float slipVibrations	vibrations sent to the FFB, could be used for motion rigs
float gVibrations	vibrations sent to the FFB, could be used for motion rigs
float absVibrations	vibrations sent to the FFB, could be used for motion rigs

SPageFileGraphic

The following members are updated at each graphical step. They mostly refer to player's car except for carCoordinates and carID, which refer to the cars currently on track.

int packetId	Current step index
ACC_STATUS status	See enums ACC_STATUS
ACC_SESSION_TYPE session	See enums ACC_SESSION_TYPE
wchar_t currentTime[15]	Current lap time in wide character
wchar_t lastTime[15]	Last lap time in wide character
wchar_t bestTime[15]	Best lap time in wide character
wchar_t split[15]	Last split time in wide character
int completedLaps *	No of completed laps
int position	Current player position
int iCurrentTime	Current lap time in milliseconds
int iLastTime	Last lap time in milliseconds
int iBestTime	Best lap time in milliseconds
float sessionTimeLeft	Session time left
float distanceTraveled	Distance travelled in the current stint
int isInPit	Car is pitting
int currentSectorIndex	Current track sector
int lastSectorTime	Last sector time in milliseconds
int numberOfLaps *	Number of completed laps
wchar_t tyreCompound[33]	Tyre compound used
float replayTimeMultiplier	Not used in ACC
float normalizedCarPosition	Car position on track spline (0.0 start to 1.0 finish)
int activeCars	Number of cars on track
float carCoordinates[60][3]	Coordinates of cars on track
int carID[60]	Car IDs of cars on track
int playerCarID	Player Car ID
float penaltyTime	Penalty time to wait
ACC_FLAG_TYPE flag	See enums ACC_FLAG_TYPE
ACC_PENALTY_TYPE penalty	See enums ACC_PENALTY_TYPE
int idealLineOn	Ideal line on
int isInPitLane	Car is in pit lane
float surfaceGrip	Ideal line friction coefficient
int mandatoryPitDone	Mandatory pit is completed
float windSpeed	Wind speed in m/s
float windDirection	wind direction in radians
int isSetupMenuVisible	Car is working on setup

`int mainDisplayIndex`	current car main display index, see Appendix 1
`int secondaryDisplayIndex`	current car secondary display index
`int TC`	Traction control level
`int TCCUT`	Traction control cut level
`int EngineMap`	Current engine map
`int ABS`	ABS level
`float fuelXLap`	Average fuel consumed per lap in liters
`int rainLights`	Rain lights on
`int flashingLights`	Flashing lights on
`int lightsStage`	Current lights stage
`float exhaustTemperature`	Exhaust temperature
`int wiperLV`	Current wiper stage
`int driverStintTotalTimeLeft`	Time the driver is allowed to drive/race (ms)
`int driverStintTimeLeft`	Time the driver is allowed to drive/stint (ms)
`int rainTyres`	Are rain tyres equipped
`int sessionIndex`	
`float usedFuel`	Used fuel since last time refueling
`wchar_t deltaLapTime[15]`	Delta time in wide character
`int iDeltaLapTime`	Delta time time in milliseconds
`wchar_t estimatedLapTime [15]`	Estimated lap time in milliseconds
`int iEstimatedLapTime`	Estimated lap time in wide character
`int isDeltaPositive`	Delta positive (1) or negative (0)
`int iSplit`	Last split time in milliseconds
`int isValidLap`	Check if Lap is valid for timing
`float fuelEstimatedLaps`	Laps possible with current fuel level
`wchar_t trackStatus[33]`	Status of track
`int missingMandatoryPits`	Mandatory pitstops the player still has to do
`float Clock`	Time of day in seconds
`int directionLightsLeft`	Is Blinker left on
`int directionLightsRight`	Is Blinker right on
`int GlobalYellow`	Yellow Flag is out?
`Int GlobalYellow1`	Yellow Flag in Sector 1 is out?
`int GlobalYellow2`	Yellow Flag in Sector 2 is out?
`int GlobalYellow3`	Yellow Flag in Sector 3 is out?
`int GlobalWhite`	White Flag is out?
`int GlobalGreen`	Green Flag is out?
`int GlobalChequered`	Checkered Flag is out?
`int GlobalRed`	Red Flag is out?
`int mfdTyreSet`	# of tyre set on the MFD
`float mfdFuelToAdd`	How much fuel to add on the MFD
`float mfdTyrePressureLF`	Tyre pressure left front on the MFD

`float mfdTyrePressureRF`	Tyre pressure right front on the MFD
`float mfdTyrePressureLR`	Tyre pressure left rear on the MFD
`float mfdTyrePressureRR`	Tyre pressure right rear on the MFD
`ACC_TRACK_GRIP_STATUS trackGripStatus`	See enums ACC_TRACK_GRIP_STATUS
`ACC_RAIN_INTENSITY rainIntensity`	See enums ACC_RAIN_INTENSITY
`ACC_RAIN_INTENSITY rainIntensityIn10min`	See enums ACC_RAIN_INTENSITY
`ACC_RAIN_INTENSITY rainIntensityIn30min`	See enums ACC_RAIN_INTENSITY
`int currentTyreSet`	Tyre Set currently in use
`int strategyTyreSet`	Next Tyre set per strategy
`int gapAhead`	Distance in ms to car in front
`int gapBehind`	Distance in ms to car behind

SPageFileStatic

The following members are initialized when the instance starts and never changes until the instance is closed.

wchar_t smVersion[15]	Shared memory version
wchar_t acVersion[15]	Assetto Corsa version
int numberOfSessions	Number of sessions
int numCars	Number of cars
wchar_t carModel[33]	Player car model see Appendix 2
wchar_t track[33]	Track name
wchar_t playerName[33]	Player name
wchar_t playerSurname[33]	Player surname
wchar_t playerNick[33]	Player nickname
int sectorCount	Number of sectors
float maxTorque	Not shown in ACC
float maxPower	Not shown in ACC
int maxRpm	Maximum rpm
float maxFuel	Maximum fuel tank capacity
float suspensionMaxTravel[4]	Not shown in ACC
float tyreRadius[4]	Not shown in ACC
float maxTurboBoost	Maximum turbo boost
float deprecated_1	
float deprecated_2	
int penaltiesEnabled	Penalties enabled
float aidFuelRate	Fuel consumption rate
float aidTireRate	Tyre wear rate
float aidMechanicalDamage	Mechanical damage rate
float AllowTyreBlankets	Not allowed in Blancpain endurance series
float aidStability	Stability control used
int aidAutoclutch	Auto clutch used
int aidAutoBlip	Always true in ACC
int hasDRS	Not used in ACC
int hasERS	Not used in ACC
int hasKERS	Not used in ACC
float kersMaxJ	Not used in ACC
int engineBrakeSettingsCount	Not used in ACC
int ersPowerControllerCount	Not used in ACC
float trackSplineLength	Not used in ACC
wchar_t trackConfiguration	Not used in ACC
float ersMaxJ	Not used in ACC

`int isTimedRace`	Not used in ACC
`int hasExtraLap`	Not used in ACC
`wchar_t carSkin[33]`	Not used in ACC
`int reversedGridPositions`	Not used in ACC
`int PitWindowStart`	Pit window opening time
`int PitWindowEnd`	Pit windows closing time
`int isOnline`	If is a multiplayer session
`wchar_t dryTyresName[33]`	Name of the dry tyres
`wchar_t wetTyresName[33]`	Name of the wet tyres

Enums

ACC_FLAG_TYPE

ACC_NO_FLAG = 0
ACC_BLUE_FLAG = 1
ACC_YELLOW_FLAG = 2
ACC_BLACK_FLAG = 3
ACC_WHITE_FLAG = 4
ACC_CHECKERED_FLAG = 5
ACC_PENALTY_FLAG = 6
ACC_GREEN_FLAG = 7
ACC_ORANGE_FLAG = 8

ACC_PENALTY_TYPE

ACC_None = 0
ACC_DriveThrough_Cutting = 1
ACC_StopAndGo_10_Cutting = 2
ACC_StopAndGo_20_Cutting = 3
ACC_StopAndGo_30_Cutting = 4
ACC_Disqualified_Cutting = 5
ACC_RemoveBestLaptime_Cutting = 6
ACC_DriveThrough_PitSpeeding = 7
ACC_StopAndGo_10_PitSpeeding = 8
ACC_StopAndGo_20_PitSpeeding = 9
ACC_StopAndGo_30_PitSpeeding = 10
ACC_Disqualified_PitSpeeding = 11
ACC_RemoveBestLaptime_PitSpeeding = 12
ACC_Disqualified_IgnoredMandatoryPit = 13
ACC_PostRaceTime = 14
ACC_Disqualified_Trolling = 15
ACC_Disqualified_PitEntry = 16
ACC_Disqualified_PitExit = 17
ACC_Disqualified_Wrongway = 18
ACC_DriveThrough_IgnoredDriverStint = 19
ACC_Disqualified_IgnoredDriverStint = 20
ACC_Disqualified_ExceededDriverStintLimit = 21

ACC_SESSION_TYPE

ACC_UNKNOWN = −1
ACC_PRACTICE = 0
ACC_QUALIFY = 1
ACC_RACE = 2
ACC_HOTLAP = 3
ACC_TIMEATTACK = 4
ACC_DRIFT = 5
ACC_DRAG = 6
ACC_HOTSTINT = 7
ACC_HOTSTINTSUPERPOLE = 8

ACC_STATUS

ACC_OFF = 0
ACC_REPLAY = 1
ACC_LIVE = 2
ACC_PAUSE = 3

ACC_WHEELS_TYPE

ACC_FrontLeft = 0
ACC_FrontRight = 1
ACC_RearLeft = 2
ACC_RearRight = 3

ACC_TRACK_GRIP_STATUS

ACC_GREEN = 0
ACC_FAST = 1
ACC_OPTIMUM = 2
ACC_GREASY = 3
ACC_DAMP = 4
ACC_WET = 5
ACC_FLOODED = 6

ACC_RAIN_INTENSITY

ACC_NO_RAIN = 0
ACC_DRIZZLE = 1
ACC_LIGHT_RAIN = 2
ACC_MEDIUM_RAIN = 3
ACC_HEAVY_RAIN = 4
ACC_THUNDERSTORM = 5

Appendix 1 – mainDisplayIndex

GT3 - 2018

	Page 1	Page 2	Page 3	Page 4
Aston Martin Vantage V12 GT3 2013	0	1		
Audi R8 LMS 2015	0	1	2	3
Bentley Continental GT3 2015	0	1		
Bentley Continental GT3 2018	0	1	2	
BMW M6 GT3 2017	0			
Emil Frey Jaguar G3 2012	0	1		
Ferrari 488 GT3 2018	0	1	2	
Honda NSX GT3 2017	0			
Lamborghini Gallardo G3 Reiter 2017	0	1		
Lamborghini Huracan GT3 2015	4	0	2	3
Lamborghini Huracan ST 2015	0			
Lexus RCF GT3 2016	0			
McLaren 650S GT3 2015	0	1	2	4
Mercedes AMG GT3 2015	0	1		
Nissan GTR Nismo GT3 2015	1	3	4	0
Nissan GTR Nismo GT3 2018	1	3	4	0
Porsche 991 GT3 R 2018	0	1	2	3
Porsche9 91 II GT3 Cup 2017	0	1	2	3

GT3 - 2019

	Page 1	Page 2	Page 3	Page 4
Aston Martin V8 Vantage GT3 2019	0			
Audi R8 LMS Evo 2019	1	2	3	0
Honda NSX GT3 Evo 2019	0			
Lamborghini Huracan GT3 EVO 2019	4	0	2	3
McLaren 720S GT3 2019	0	1	2	3
Porsche 911 II GT3 R 2019	1	2	3	0

GT4

	Page 1	Page 2	Page 3	Page 4
Alpine A110 GT4 2018	0			
Aston Martin Vantage AMR GT4 2018	0	1		
Audi R8 LMS GT4 2016	0	1		
BMW M4 GT42 018	0	1		
Chevrolet Camaro GT4 R 2017	2	4		
Ginetta G55 GT4 2012	0	4		
Ktm Xbow GT4 2016	0	1	3	4
Maserati Gran Turismo MC GT4 2016	0			
McLaren 570s GT4 2016	0			
Mercedes AMG GT4 2016	0	1		
Porsche 718 Cayman GT4 MR 2019	0			

GT3 – 2020

	Page 1	Page 2	Page 3	Page 4
Ferrari 488 GT3 Evo 2020	0	1	2	
Mercedes AMG GT3 Evo 2020	0	1		

GT3 – 2021

	Page 1	Page 2	Page 3	Page 4
BMW M4 GT3 2021	0	1		

Challengers Pack – 2022

	Page 1	Page 2	Page 3	Page 4
Audi R8 LMS Evo II 2022	0	1	2	
BMW M2 Cup 2020	0	1		
Ferrari 488 Challenge Evo 2020	0	1	2	
Lamborghini Huracan ST Evo2 2021	0			
Porsche 992 GT3 Cup 2021	0	1	3	

Appendix 2 – carModel

GT3 - 2018

Name	Kunos ID
Aston Martin Vantage V12 GT3 2013	`amr_v12_vantage_gt3`
Audi R8 LMS 2015	`audi_r8_lms`
Bentley Continental GT3 2015	`bentley_continental_gt3_2016`
Bentley Continental GT3 2018	`bentley_continental_gt3_2018`
BMW M6 GT3 2017	`bmw_m6_gt3`
Emil Frey Jaguar G3 2012	`jaguar_g3`
Ferrari 488 GT3 2018	`ferrari_488_gt3`
Honda NSX GT3 2017	`honda_nsx_gt3`
Lamborghini Gallardo G3 Reiter 2017	`lamborghini_gallardo_rex`
Lamborghini Huracan GT3 2015	`lamborghini_huracan_gt3`
Lamborghini Huracan ST 2015	`lamborghini_huracan_st`
Lexus RCF GT3 2016	`lexus_rc_f_gt3`
McLaren 650S GT3 2015	`mclaren_650s_gt3`
Mercedes AMG GT3 2015	`mercedes_amg_gt3`
Nissan GTR Nismo GT3 2015	`nissan_gt_r_gt3_2017`
Nissan GTR Nismo GT3 2018	`nissan_gt_r_gt3_2018`
Porsche 991 GT3 R 2018	`porsche_991_gt3_r`
Porsche9 91 II GT3 Cup 2017	`porsche_991ii_gt3_cup`

GT3 - 2019

Name	Kunos ID
Aston Martin V8 Vantage GT3 2019	`amr_v8_vantage_gt3`
Audi R8 LMS Evo 2019	`audi_r8_lms_evo`
Honda NSX GT3 Evo 2019	`honda_nsx_gt3_evo`
Lamborghini Huracan GT3 EVO 2019	`lamborghini_huracan_gt3_evo`
McLaren 720S GT3 2019	`mclaren_720s_gt3`
Porsche 911 II GT3 R 2019	`porsche_991ii_gt3_r`

GT4

Name	Kunos ID
Alpine A110 GT4 2018	`alpine_a110_gt4`
Aston Martin Vantage AMR GT4 2018	`amr_v8_vantage_gt4`
Audi R8 LMS GT4 2016	`audi_r8_gt4`
BMW M4 GT42 018	`bmw_m4_gt4`
Chevrolet Camaro GT4 R 2017	`chevrolet_camaro_gt4r`
Ginetta G55 GT4 2012	`ginetta_g55_gt4`
Ktm Xbow GT4 2016	`ktm_xbow_gt4`
Maserati Gran Turismo MC GT4 2016	`maserati_mc_gt4`
McLaren 570s GT4 2016	`mclaren_570s_gt4`
Mercedes AMG GT4 2016	`mercedes_amg_gt4`
Porsche 718 Cayman GT4 MR 2019	`porsche_718_cayman_gt4_mr`

GT3 – 2020

Name	Kunos ID
Ferrari 488 GT3 Evo 2020	`ferrari_488_gt3_evo`
Mercedes AMG GT3 Evo 2020	`mercedes_amg_gt3_evo`

GT3 – 2021

Name	Kunos ID
BMW M4 vGT3 2021	`bmw_m4_gt3`

Challengers Pack – 2022

Name	Kunos ID
Audi R8 LMS Evo II 2022	`audi_r8_lms_evo_ii`
BMW M2 Cup 2020	`bmw_m2_cs_racing`
Ferrari 488 Challenge Evo 2020	`ferrari_488_challenge_evo`
Lamborghini Huracan ST Evo2 2021	`lamborghini_huracan_st_evo2`
Porsche 992 GT3 Cup 2021	`porsche_992_gt3_cup`

Appendix 3 – brakePressure

GT3 - 2018

Name	Dash Coefficient	
	Front	Rear
Aston Martin Vantage V12 GT3 2013	7.9585	7.9585
Audi R8 LMS 2015	7.5980	7.4855
Bentley Continental GT3 2015	7.9585	7.9585
Bentley Continental GT3 2018	7.9585	7.9585
BMW M6 GT3 2017	7.9585	7.9585
Emil Frey Jaguar G3 2012	7.9585	7.9585
Ferrari 488 GT3 2018	7.5980	7.4855
Honda NSX GT3 2017	7.5980	7.4855
Lamborghini Gallardo G3 Reiter 2017	7.5980	7.4855
Lamborghini Huracan GT3 2015	7.5980	7.4855
Lamborghini Huracan ST 2015	7.5980	7.4855
Lexus RCF GT3 2016	7.9585	7.9585
McLaren 650S GT3 2015	7.5980	7.4855
Mercedes AMG GT3 2015	7.9585	7.9585
Nissan GTR Nismo GT3 2015	7.9585	7.9585
Nissan GTR Nismo GT3 2018	7.9585	7.9585
Porsche 991 GT3 R 2018	7.1497	6.7715
Porsche9 91 II GT3 Cup 2017	7.1497	6.7715

Rear engine
Front engine
Middle engine

GT3 – 2019

Name	Dash Coefficient	
	Front	Rear
Aston Martin V8 Vantage GT3 2019	7.9585	7.9585
Audi R8 LMS Evo 2019	7.5980	7.4855
Honda NSX GT3 Evo 2019	7.5980	7.4855
Lamborghini Huracan GT3 EVO 2019	7.5980	7.4855
McLaren 720S GT3 2019	7.5980	7.4855
Porsche 911 II GT3 R 2019	7.1497	6.7715

Rear engine
Front engine
Middle engine

GT4

Name	Dash Coefficient	
	Front	Rear
Alpine A110 GT4 2018	10.0000	10.0000
Aston Martin Vantage AMR GT4 2018	10.0000	10.0000
Audi R8 LMS GT4 2016	10.0000	10.0000
BMW M4 GT42 018	7.2886	10.0000
Chevrolet Camaro GT4 R 2017	10.0000	10.0000
Ginetta G55 GT4 2012	10.0000	10.0000
Ktm Xbow GT4 2016	10.0000	10.0000
Maserati Gran Turismo MC GT4 2016	7.7768	7.6142
McLaren 570s GT4 2016	10.0000	10.0000
Mercedes AMG GT4 2016	10.0000	10.0000
Porsche 718 Cayman GT4 MR 2019	10.0000	10.0000

Rear engine
Front engine
Middle engine

GT3 – 2020

Name	Dash Coefficient	
	Front	Rear
Ferrari 488 GT3 Evo 2020	7.5980	7.4855
Mercedes AMG GT3 Evo 2020	7.9585	7.9585

Rear engine
Front engine
Middle engine

GT3 – 2021

Name	Dash Coefficient	
	Front	Rear
BMW M4 GT3 2021	7.9585	7.9585

Rear engine
Front engine
Middle engine

Challengers Pack – 2022

Name	Dash Coefficient	
	Front	Rear
Audi R8 LMS Evo II 2022	7.5980	7.4855
BMW M2 Cup 2020	7.2886	10.0000
Ferrari 488 Challenge Evo 2020	7.5980	7.4855
Lamborghini Huracan ST Evo2 2021	7.5980	7.4855
Porsche 992 GT3 Cup 2021	7.1497	6.7715

Rear engine
Front engine
Middle engine

Appendix 4 – brakeBias

GT3 - 2018

Name	Dash Offset
Aston Martin Vantage V12 GT3 2013	−7
Audi R8 LMS 2015	−14
Bentley Continental GT3 2015	−7
Bentley Continental GT3 2018	−7
BMW M6 GT3 2017	−15
Emil Frey Jaguar G3 2012	−7
Ferrari 488 GT3 2018	−17
Honda NSX GT3 2017	−14
Lamborghini Gallardo G3 Reiter 2017	−14
Lamborghini Huracan GT3 2015	−14
Lamborghini Huracan ST 2015	−14
Lexus RCF GT3 2016	−14
McLaren 650S GT3 2015	−17
Mercedes AMG GT3 2015	−14
Nissan GTR Nismo GT3 2015	−15
Nissan GTR Nismo GT3 2018	−15
Porsche 991 GT3 R 2018	−21
Porsche9 91 II GT3 Cup 2017	−5

GT3 - 2019

Name	Dash Offset
Aston Martin V8 Vantage GT3 2019	−7
Audi R8 LMS Evo 2019	−14
Honda NSX GT3 Evo 2019	−14
Lamborghini Huracan GT3 EVO 2019	−14
McLaren 720S GT3 2019	−17
Porsche 911 II GT3 R 2019	−21

GT4

Name	Dash Offset
Alpine A110 GT4 2018	-15
Aston Martin Vantage AMR GT4 2018	-20
Audi R8 LMS GT4 2016	-15
BMW M4 GT42 018	-22
Chevrolet Camaro GT4 R 2017	-18
Ginetta G55 GT4 2012	-18
Ktm Xbow GT4 2016	-20
Maserati Gran Turismo MC GT4 2016	-15
McLaren 570s GT4 2016	-9
Mercedes AMG GT4 2016	-20
Porsche 718 Cayman GT4 MR 2019	-20

GT3 – 2020

Name	Dash Offset
Ferrari 488 GT3 Evo 2020	−17
Mercedes AMG GT3 Evo 2020	−14

GT3 – 2021

Name	Dash Offset
BMW M4 GT3	−14

Challengers Pack – 2022

Name	Dash Offset
Audi R8 LMS Evo II 2022	−14
BMW M2 Cup 2020	−17
Ferrari 488 Challenge Evo 2020	−13
Lamborghini Huracan ST Evo2 2021	−14
Porsche 992 GT3 Cup 2021	−5

Appendix 5 – Max Steering Angle

GT3 - 2018

Name	Angle
Aston Martin Vantage V12 GT3 2013	320
Audi R8 LMS 2015	360
Bentley Continental GT3 2015	320
Bentley Continental GT3 2018	320
BMW M6 GT3 2017	283
Emil Frey Jaguar G3 2012	360
Ferrari 488 GT3 2018	240
Honda NSX GT3 2017	310
Lamborghini Gallardo G3 Reiter 2017	360
Lamborghini Huracan GT3 2015	310
Lamborghini Huracan ST 2015	310
Lexus RCF GT3 2016	320
McLaren 650S GT3 2015	240
Mercedes AMG GT3 2015	320
Nissan GTR Nismo GT3 2015	320
Nissan GTR Nismo GT3 2018	320
Porsche 991 GT3 R 2018	400
Porsche9 91 II GT3 Cup 2017	400

GT3 - 2019

Name	Angle
Aston Martin V8 Vantage GT3 2019	320
Audi R8 LMS Evo 2019	360
Honda NSX GT3 Evo 2019	310
Lamborghini Huracan GT3 EVO 2019	310
McLaren 720S GT3 2019	240
Porsche 911 II GT3 R 2019	400

GT4

Name	Angle
Alpine A110 GT4 2018	360
Aston Martin Vantage AMR GT4 2018	320
Audi R8 LMS GT4 2016	360
BMW M4 GT42 018	246
Chevrolet Camaro GT4 R 2017	360
Ginetta G55 GT4 2012	360
Ktm Xbow GT4 2016	290
Maserati Gran Turismo MC GT4 2016	450
McLaren 570s GT4 2016	240
Mercedes AMG GT4 2016	246
Porsche 718 Cayman GT4 MR 2019	400

GT3 – 2020

Name	Angle
Ferrari 488 GT3 Evo 2020	240
Mercedes AMG GT3 Evo 2020	320

GT3 – 2021

Name	Angle
BMW M4 GT3 2021	270

Challengers Pack – 2022

Name	Angle
Audi R8 LMS Evo II 2022	360
BMW M2 Cup 2020	180
Ferrari 488 Challenge Evo 2020	240
Lamborghini Huracan ST Evo2 2021	310
Porsche 992 GT3 Cup 2021	270

Appendix 6 – CarModelId

GT3 - 2018

Name	CarModelId
Aston Martin Vantage V12 GT3 2013	12
Audi R8 LMS 2015	3
Bentley Continental GT3 2015	11
Bentley Continental GT3 2018	8
BMW M6 GT3 2017	7
Emil Frey Jaguar G3 2012	14
Ferrari 488 GT3 2018	2
Honda NSX GT3 2017	17
Lamborghini Gallardo G3 Reiter 2017	13
Lamborghini Huracan GT3 2015	4
Lamborghini Huracan ST 2015	18
Lexus RCF GT3 2016	15
McLaren 650S GT3 2015	5
Mercedes AMG GT3 2015	1
Nissan GTR Nismo GT3 2015	10
Nissan GTR Nismo GT3 2018	6
Porsche 991 GT3 R 2018	0
Porsche9 91 II GT3 Cup 2017	9

GT3 - 2019

Name	CarModelId
Aston Martin V8 Vantage GT3 2019	20
Audi R8 LMS Evo 2019	19
Honda NSX GT3 Evo 2019	21
Lamborghini Huracan GT3 EVO 2019	16
McLaren 720S GT3 2019	22
Porsche 911 II GT3 R 2019	23

GT4

Name	CarModelId
Alpine A110 GT4 2018	50
Aston Martin Vantage AMR GT4 2018	51
Audi R8 LMS GT4 2016	52
BMW M4 GT42 018	53
Chevrolet Camaro GT4 R 2017	55
Ginetta G55 GT4 2012	56
Ktm Xbow GT4 2016	57
Maserati Gran Turismo MC GT4 2016	58
McLaren 570s GT4 2016	59
Mercedes AMG GT4 2016	60
Porsche 718 Cayman GT4 MR 2019	61

GT3 – 2020

Name	CarModelId
Ferrari 488 GT3 Evo 2020	24
Mercedes AMG GT3 Evo 2020	25

GT3 – 2021

Name	CarModelId
BMW M4 GT3 2021	30

Challengers Pack – 2022

Name	CarModelId
Audi R8 LMS Evo II 2022	31
BMW M2 Cup 2020	27
Ferrari 488 Challenge Evo 2020	26
Lamborghini Huracan ST Evo2 2021	29
Porsche 992 GT3 Cup 2021	28

Appendix 7 – Max RPM

GT3 - 2018

Name	Max RPM
Aston Martin Vantage V12 GT3 2013	7750
Audi R8 LMS 2015	8650
Bentley Continental GT3 2015	7500
Bentley Continental GT3 2018	7400
BMW M6 GT3 2017	7100
Emil Frey Jaguar G3 2012	8750
Ferrari 488 GT3 2018	7300
Honda NSX GT3 2017	7500
Lamborghini Gallardo G3 Reiter 2017	8650
Lamborghini Huracan GT3 2015	8650
Lamborghini Huracan ST 2015	8650
Lexus RCF GT3 2016	7750
McLaren 650S GT3 2015	7500
Mercedes AMG GT3 2015	7900
Nissan GTR Nismo GT3 2015	7500
Nissan GTR Nismo GT3 2018	7500
Porsche 991 GT3 R 2018	9250
Porsche9 91 II GT3 Cup 2017	8500

GT3 - 2019

Name	Max RPM
Aston Martin V8 Vantage GT3 2019	7250
Audi R8 LMS Evo 2019	8650
Honda NSX GT3 Evo 2019	7650
Lamborghini Huracan GT3 EVO 2019	8650
McLaren 720S GT3 2019	7700
Porsche 911 II GT3 R 2019	9250

GT4

Name	Max RPM
Alpine A110 GT4 2018	6450
Aston Martin Vantage AMR GT4 2018	7000
Audi R8 LMS GT4 2016	8650
BMW M4 GT42 018	7600
Chevrolet Camaro GT4 R 2017	7500
Ginetta G55 GT4 2012	7200
Ktm Xbow GT4 2016	6500
Maserati Gran Turismo MC GT4 2016	7000
McLaren 570s GT4 2016	7600
Mercedes AMG GT4 2016	7000
Porsche 718 Cayman GT4 MR 2019	7800

GT3 – 2020

Name	Max RPM
Ferrari 488 GT3 Evo 2020	7600
Mercedes AMG GT3 Evo 2020	7600

GT3 – 2021

Name	Max RPM
BMW M4 GT3	7000

Challengers Pack – 2022

Name	Max RPM
Audi R8 LMS Evo II 2022	8650
BMW M2 Cup 2020	7520
Ferrari 488 Challenge Evo 2020	8000
Lamborghini Huracan ST Evo2 2021	8650
Porsche 992 GT3 Cup 2021	8750