

TCR TECHNICAL BULLETIN - no. 05-2026

05/05/2026

OBJECT:

- 1. Added BoP Table for *Kumho FIA TCR World Tour***
- 2. *Hyundai Elantra N EV TCR* - Change of Assigned Ballast to +20 kg (+10 kg), Updated Calibration file to 2026 specifications**



TCR Certified Car List:

BRAND	MODEL	ECU Type*
Alfa Romeo	Giulietta Veloce TCR	M
Alfa Romeo	Giulietta RF TCR	M
Audi	RS3 LMS SEQ	R
Audi	RS3 LMS DSG	R
Audi	RS3 LMS TCR	C
Cupra	TCR SEQ	R
Cupra	TCR DSG	R
Cupra	Leon Competicion TCR	C
Cupra	Leon VZ TCR	C
Geely	Preface TCR	C
Honda	Civic FK2 TCR	M
Honda	Civic FK7 TCR	M
Honda	Civic FL5 TCR	C
Hyundai	i30 N TCR	M
Hyundai	Veloster N TCR	M
Hyundai	Elantra N TCR	C
Hyundai	Elantra N EV TCR	C
Lada	Vesta Sport TCR	M
Lada	Vesta TCR	M
Lada	Vesta NG TCR	C
Lada	Vesta NG Evo TCR	C
Lada	Vesta NG Sport TCR	C
Lynk&Co	03 TCR	M
Lynk&Co	03 TCR	C
Lynk&Co	03 FL TCR	C
Lynk&Co	03+ TCR	C
MG	6 XPOWER TCR	M
Opel (Holden / Vauxhall)	Astra TCR	M
Peugeot	308 TCR	M
Peugeot	308 Racing Cup	M
Renault	Megane RS TCR	M
Subaru	WRX STI TCR	M
Toyota	Corolla GRS TCR	C
VW	Golf GTI TCR SEQ	R
VW	Golf GTI TCR DSG	R

* R: Road Car ECU; M: Motorsport ECU; C: Common ECU
** Temporary Technical Form / Currently Under certification

Performance Analysis Responsible - Cinzia Piacquadio
Cinzia Piacquadio

TCR BoP & Certified Cars (Modifications in bold):

Brand	Model	ECU Type & Power Level	Target Racing Weight	Assigned Ballast	Minimum Racing Weight	Ground Clearance
Alfa-Romeo	Giulietta Veloce TCR	M5	1265 kg	- 10kg	1255 kg	70 mm
Alfa-Romeo	Giulietta RF TCR	M6	1265 kg	- 10kg	1255 kg	70 mm
Audi	RS3 LMS SEQ	R5	1265 kg	- 10kg	1255 kg	70 mm
Audi	RS3 LMS DSG	R6	1230 kg	+ 20kg	1250 kg	70 mm
Audi	RS3 LMS TCR	C5	1265 kg	0kg	1265 kg	70 mm
Cupra	TCR SEQ	R5	1265 kg	0kg	1265 kg	70 mm
Cupra	TCR DSG	R6	1230 kg	0kg	1230 kg	70 mm
Cupra	Leon Competición TCR	C5	1265 kg	- 10kg	1255 kg	70 mm
Cupra	Leon VZ TCR	C5	1265 kg	- 10kg	1255 kg	70 mm
Geely	Preface TCR	C4	1265 kg	+ 20kg	1285 kg	80 mm
Honda	Civic FK2 TCR	M5	1265 kg	- 20kg	1245 kg	70 mm
Honda	Civic FK7 TCR	M5	1265 kg	+ 10kg	1275 kg	70 mm
Honda	Civic FL5 TCR	C5	1265 kg	0kg	1265 kg	80 mm
Hyundai	i30 N TCR	M4	1265 kg	+ 10kg	1275 kg	80 mm
Hyundai	Veloster N TCR	M4	1265 kg	+ 30kg	1295 kg	90 mm
Hyundai	Elantra N TCR	C4	1265 kg	+ 20kg	1285 kg	80 mm
Hyundai	Elantra N EV TCR	C5	1265 kg	+ 20kg	1285 kg	80 mm
Lada	Vesta Sport TCR	M5	1265 kg	+ 40kg	1305 kg	80 mm
Lada	Vesta TCR	M5	1265 kg	+ 10kg	1275 kg	70 mm
Lada	Vesta NG TCR	C5	1265 kg	0kg	1265 kg	80 mm
Lada	Vesta NG Evo TCR	C6	1265 kg	- 10kg	1255 kg	80 mm
Lada	Vesta NG Sport TCR	C6	1265 kg	- 10kg	1255 kg	80 mm
Lynk&Co	03 TCR	M5	1265 kg	+ 10kg	1275 kg	80 mm
Lynk&Co	03 TCR	C5	1265 kg	+ 10kg	1275 kg	80 mm
Lynk&Co	03 FL TCR	C4	1265 kg	+ 20kg	1285 kg	80 mm
Lynk&Co	03+ TCR	C4	1265 kg	+ 30kg	1295 kg	90 mm
MG	6 XPOWER TCR	M5	1265 kg	0kg	1265 kg	70 mm
Opel / Holden / Vauxhall	Astra TCR	M6	1265 kg	0kg	1265 kg	70 mm
Peugeot	308 TCR	M6	1265 kg	- 60kg	1205 kg	70 mm
Peugeot	308 Racing Cup	M6	1225 kg	- 30kg	1195 kg	60 mm
Renault	Mégane RS TCR	M5	1265 kg	- 10kg	1255 kg	70 mm
Subaru	WRX STI TCR	M6	1265 kg	- 10kg	1255 kg	70 mm
Toyota	Corolla GRS TCR	C6	1265 kg	+ 10kg	1275 kg	70 mm
VW	Golf GTI TCR SEQ	R5	1265 kg	- 10kg	1255 kg	60 mm
VW	Golf GTI TCR DSG	R6	1230 kg	- 10kg	1220 kg	60 mm

* R: Road Car ECU, M: Motorsport ECU, C: Common ECU; numbers 1 to 6 denominate power levels as per Technical Regulation



BoP for ENDURANCE races only (Modifications in bold):

Brand	Model	ECU Type & Power Level	Target Racing Weight	Assigned Ballast	Minimum Racing Weight	Ground Clearance
Alfa-Romeo	Giulietta Veloce TCR	M5	1210 kg	- 5kg	1205 kg	70 mm
Alfa-Romeo	Giulietta RF TCR	M6	1210 kg	- 5kg	1205 kg	70 mm
Audi	RS3 LMS SEQ	R5	1210 kg	- 5kg	1205 kg	70 mm
Audi	RS3 LMS DSG	R6	1185 kg	+ 10kg	1195 kg	70 mm
Audi	RS3 LMS TCR	C5	1210 kg	0kg	1210 kg	70 mm
Cupra	TCR SEQ	R5	1210 kg	0kg	1210 kg	70 mm
Cupra	TCR DSG	R6	1185 kg	0kg	1185 kg	70 mm
Cupra	Leon Competición TCR	C5	1210 kg	- 5kg	1205 kg	70 mm
Cupra	Leon VZ TCR	C5	1210 kg	- 5kg	1205 kg	70 mm
Geely	Preface TCR	C4	1210 kg	+ 10kg	1220 kg	80 mm
Honda	Civic FK2 TCR	M5	1210 kg	- 10kg	1200 kg	70 mm
Honda	Civic FK7 TCR	M5	1210 kg	+ 5kg	1215 kg	70 mm
Honda	Civic FL5 TCR	C5	1210 kg	0kg	1210 kg	80 mm
Hyundai	i30 N TCR	M4	1210 kg	+ 5kg	1215 kg	80 mm
Hyundai	Veloster N TCR	M4	1210 kg	+ 15kg	1225 kg	90 mm
Hyundai	Elantra N TCR	C4	1210 kg	+ 10kg	1220 kg	80 mm
Hyundai	Elantra N EV TCR	C5	1210 kg	+ 10kg	1220 kg	80 mm
Lada	Vesta Sport TCR	M5	1210 kg	+ 20kg	1230 kg	80 mm
Lada	Vesta TCR	M5	1210 kg	+ 5kg	1215 kg	70 mm
Lada	Vesta NG TCR	C5	1210 kg	0kg	1210 kg	80 mm
Lada	Vesta NG Evo TCR	C6	1210 kg	- 5kg	1205 kg	80 mm
Lada	Vesta NG Sport TCR	C6	1210 kg	- 5kg	1205 kg	80 mm
Lynk&Co	03 TCR	M5	1210 kg	+ 5kg	1215 kg	80 mm
Lynk&Co	03 TCR	C5	1210 kg	+ 5kg	1215 kg	80 mm
Lynk&Co	03 FL TCR	C4	1210 kg	+ 10kg	1220 kg	80 mm
Lynk&Co	03+ TCR	C4	1210 kg	+ 15kg	1225 kg	90 mm
MG	6 XPOWER TCR	M5	1210 kg	0kg	1210 kg	70 mm
Opel / Holden / Vauxhall	Astra TCR	M6	1210 kg	0kg	1210 kg	70 mm
Peugeot	308 TCR	M6	1210 kg	- 30kg	1180 kg	70 mm
Peugeot	308 Racing Cup	M6	1185 kg	- 15kg	1170 kg	60 mm
Renault	Mégane RS TCR	M5	1210 kg	- 5kg	1205 kg	70 mm
Subaru	WRX STI TCR	M6	1210 kg	- 5kg	1205 kg	70 mm
Toyota	Corolla GRS TCR	C6	1210 kg	+ 5kg	1215 kg	70 mm
VW	Golf GTI TCR SEQ	R5	1210 kg	- 5kg	1205 kg	60 mm
VW	Golf GTI TCR DSG	R6	1185 kg	- 5kg	1180 kg	60 mm

¹Endurance Target Racing Weight is car's generic dry weight without driver.

²Endurance Minimum Weight is car's imposed minimum dry weight without driver.

Agreed principles:

Assigned Ballast for Endurance Races will be 50% of the Assigned Ballast for TCR Races. For any TCR Series or class with a participation of DSG cars over the 40% of the total number of cars on grid, the Target Racing Weight of the SEQ cars may be increased by the Series Promoter from 10 to 40 kg maximum. Promoters are requested to inform WSC in written form.



TCR BoP for Kumho FIA TCR World Tour only (Modifications in bold):

Brand	Model	ECU Type & Power Level	Target Racing Weight	Assigned Ballast	Minimum Racing Weight	Ground Clearance
Audi	RS3 LMS TCR	C5	1265 kg	- 10kg	1255 kg	70 mm
Cupra	Leon VZ TCR	C5	1265 kg	- 20kg	1245 kg	70 mm
Geely	Preface TCR	C4	1265 kg	+ 20kg	1285 kg	80 mm
Honda	Civic FL5 TCR	C5	1265 kg	- 10kg	1255 kg	80 mm
Hyundai	Elantra N TCR	C4	1265 kg	0kg	1265 kg	80 mm
Hyundai	Elantra N EV TCR	C5	1265 kg	+ 20kg	1285 kg	80 mm



Imposed parameters for certified software

Alfa Romeo

Alfa Romeo	Giulietta Veloce TCR	
Engine		FPT
ECU Make (Type)		Life Racing (Motorsport)
Gearbox		Sadev
ECU Type & Power Level		M5
Calibration File		AL-FPT-M5-S-S_1.1.2.lrc
Calibration File (with ABS)		AL-FPT-M5-S-E_1.1.2.lrc
Checksum	crcHigh	42313
	crcLow	49756
Checksum (with ABS)	crcHigh	44909
	crcLow	49742

Alfa Romeo	Giulietta RF TCR	
Engine		FPT
ECU Make (Type)		Life Racing (Motorsport)
Gearbox		Sadev
ECU Type & Power Level		M6
Calibration File		AL-FPT-M6-S-S_1.1.2.lrc
Calibration File (with ABS)		AL-FPT-M6-S-E_1.1.2.lrc
Checksum	crcHigh	42953
	crcLow	55089
Checksum (with ABS)	crcHigh	45549
	crcLow	55075



Audi, Cupra, VW

Audi	RS3 LMS SEQ	
Cupra	Cupra TCR SEQ	
VW	Golf GTI TCR SEQ	
Engine		EA888Evo3
ECU Make (Type)		Continental (Roadcar)
Gearbox		Sadev
ECU Type & Power Level		R5
Calibration File		-
Checksum		5F6906259AJ

Audi	RS3 LMS DSG	
Cupra	Cupra TCR DSG	
VW	Golf GTI TCR DSG	
Engine		EA888Evo3
ECU Make (Type)		Continental (Roadcar)
Gearbox		DSG
ECU Type & Power Level		R6
Calibration File		-
Checksum		5F6906259L

Audi	RS3 LMS TCR	
Cupra	Leon Competición TCR	
Engine		EA888Evo4
ECU Make (Type)		TCR ECU (Common)
Gearbox		Hewland
ECU Type & Power Level		C5
Calibration File		CU-EA888Evo4-C-H-S_4.0.0.clx
Checksum	crcAPP	0xAB00DE9E
	crcPartSign	0xF0052BA9
	crcPartZero	0x1BB03381
	crcPartOne	0xA23EE8C0



Audi		RS3 LMS TCR
Engine		EA888Evo4
ECU Make (Type)		TCR ECU (Common)
Gearbox		Sadev
ECU Type & Power Level		C5
Calibration File		CU-EA888Evo4-C-S-S_4.0.0.clx
Checksum	crcAPP	0xAB00DE9E
	crcPartSign	0xF0052BA9
	crcPartZero	0xDE7E64BA
	crcPartOne	0xE3B72CF5

Cupra		Leon VZ TCR
Engine		EA888Evo4
ECU Make (Type)		TCR ECU (Common)
Gearbox		Hewland
ECU Type & Power Level		C5
Calibration File		CU-EA888Evo4-C-H-S-VZ_4.0.0.clx
Checksum	crcAPP	0xAB00DE9E
	crcPartSign	0xF0052BA9
	crcPartZero	0x53C4EC3F
	crcPartOne	0xE934BABF

Cupra		Leon VZ TCR
Engine		EA888Evo4
ECU Make (Type)		TCR ECU (Common)
Gearbox		Sadev
ECU Type & Power Level		C5
Calibration File		CU-EA888Evo4-C-S-S-VZ_4.0.0.clx
Checksum	crcAPP	0xAB00DE9E
	crcPartSign	0xF0052BA9
	crcPartZero	0xD9483C85
	crcPartOne	0x3BC4EF22



Geely

Geely	Preface TCR	
Engine		B420T
ECU Make (Type)		TCR ECU (Common)
Gearbox		Xtrac
ECU Type & Power Level		C4
Calibration File		GE-B420T-C-X-S_4.0.0.clx
Checksum	crcAPP	0xAB00DE9E
	crcPartSign	0xF0052BA9
	crcPartZero	0x92537D97
	crcPartOne	0x94B1C5D3



Honda

Honda	Civic FK2 TCR
Engine	K20CR
ECU Make (Type)	EFI (Motorsport)
Gearbox	Sadev
ECU Type & Power Level	M5
Calibration File	TCR-C2.7.98+7.5

Honda	Civic FK7 TCR
Engine	K20CRE
ECU Make (Type)	MoTeC (Motorsport)
Gearbox	Sadev, Xtrac
ECU Type & Power Level	M5
Calibration File	HO-K20CRE-M-0-0_1.2.0.m1pkg

Honda	Civic FL5 TCR	
Engine	K20CRL5	
ECU Make (Type)	TCR ECU (Common)	
Gearbox	Sadev	
ECU Type & Power Level	C5	
Calibration File	HO-K20CRL5-C-S-S_4.0.0.clx	
Checksum	crcAPP	0xAB00DE9E
	crcPartSign	0xF0052BA9
	crcPartZero	0x573DB52C
	crcPartOne	0x1B83498C



Hyundai

Hyundai	i30 N TCR	
Hyundai	Veloster N TCR	
Engine	Theta2G4KHA	
ECU Make (Type)	Life Racing (Motorsport)	
Gearbox	Xtrac	
ECU Type & Power Level	M4	
Calibration File	HY-Theta2G4KHA-M4-X-S_1.1.2.lrc	
Calibration File (with ABS)	HY-Theta2G4KHA-M4-X-E_1.1.2.lrc	
Checksum	crcHigh	57087
	crcLow	50211
Checksum (with ABS)	crcHigh	64626
	crcLow	50197

Hyundai	Elantra N TCR	
Engine	Theta2G4KHN	
ECU Make (Type)	TCR ECU (Common)	
Gearbox	Xtrac	
ECU Type & Power Level	C4	
Calibration File	HY-Theta2G4KHN-C-X-S_4.0.0.clx	
Checksum	crcAPP	0xAB00DE9E
	crcPartSign	0xF0052BA9
	crcPartZero	0xADD2CCF
	crcPartOne	0x144F5C62



Hyundai	Elantra N EV TCR	
Engine		Theta2G4KHNEV
ECU Make (Type)		TCR ECU (Common)
Gearbox		Xtrac
ECU Type & Power Level		C5
Calibration File		HY-Theta2G4KHNEV-C-X-S_4.0.0.clx
Checksum	crcAPP	0xAB00DE9E
	crcPartSign	0xF0052BA9
	crcPartZero	0x6D74D7B
	crcPartOne	0x452B2C6C



Lada

Lada		Vesta Sport TCR
Engine		M5P404
ECU Make (Type)		Marelli (Motorsport)
Gearbox		Sadev
ECU Type & Power Level		M5
Calibration File		LA-M5P404-M-S-S_1.1.0.clx
Checksum	crcEEP1	39470
	crcEEP2	64745
	crcAPP1	19289
	crcAPP2	6949

Lada		Vesta TCR
Engine		M5P404
ECU Make (Type)		Marelli (Motorsport)
Gearbox		Sadev
ECU Type & Power Level		M5
Calibration File		SRG_MMGEN_14X_12.10.1.3
Checksum	crcEEP	0xfc35a13a
	crcAPP	0x2becb88a

Lada		Vesta NG TCR
Engine		M5P
ECU Make (Type)		TCR ECU (Common)
Gearbox		3mo
ECU Type & Power Level		C5
Calibration File		LA-M5P-C-3-S-16.47_4.0.0.clx
Checksum	crcAPP	0xAB00DE9E
	crcPartSign	0xF0052BA9
	crcPartZero	0x85920691
	crcPartOne	0x396DBB34



Lada	Vesta NG TCR	
Engine		M5P
ECU Make (Type)		TCR ECU (Common)
Gearbox		3mo + VO323
ECU Type & Power Level		C5
Calibration File		LA-M5P-C-3-S-18.51_4.0.0.clx
Checksum	crcAPP	0xAB00DE9E
	crcPartSign	0xF0052BA9
	crcPartZero	0x42C7B42D
	crcPartOne	0xCCD2F04D

Lada	Vesta NG Evo TCR	
Engine		M5P
ECU Make (Type)		TCR ECU (Common)
Gearbox		3mo
ECU Type & Power Level		C6
Calibration File		LA-M5P-C-3-S-16.47_4.0.0-Evo
Checksum	crcAPP	0xAB00DE9E
	crcPartSign	0xF0052BA9
	crcPartZero	0x5D04EA6A
	crcPartOne	0xC06CB9C5

Lada	Vesta NG Sport TCR	
Engine		M5P
ECU Make (Type)		TCR ECU (Common)
Gearbox		Sadev
ECU Type & Power Level		C6
Calibration File		LA-M5P-C-S-S_4.0.0-Sport
Checksum	crcAPP	0xAB00DE9E
	crcPartSign	0xF0052BA9
	crcPartZero	0xBB5B2AA4
	crcPartOne	0xE5E7F95A



Lynk&Co

Lynk&Co	03 TCR
Engine	B4204T27
ECU Make (Type)	MoTeC (Motorsport)
Gearbox	Xtrac
ECU Type & Power Level	M5
Calibration File	LynkCo 03 TCR Engine Custom ECU 100% v2

Lynk&Co	03 TCR
Engine	B4204T27
ECU Make (Type)	TCR ECU (Common)
Gearbox	Xtrac
ECU Type & Power Level	C5
Calibration File	LY-B4204T27-C-X-S_4.0.0.clx
Checksum	crcAPP 0xAB00DE9E
	crcPartSign 0xF0052BA9
	crcPartZero 0xD62200C2
	crcPartOne 0x61671D5C

Lynk&Co	03 FL TCR
Engine	B4204T57
ECU Make (Type)	TCR ECU (Common)
Gearbox	Xtrac
ECU Type & Power Level	C4
Calibration File	LY-B4204T57-C-X-S_4.0.0.clx
Checksum	crcAPP 0xAB00DE9E
	crcPartSign 0xF0052BA9
	crcPartZero 0xEA74ED00
	crcPartOne 0xB1E0E08D



Lynk&Co	03+ TCR	
Engine		B4204L43
ECU Make (Type)		TCR ECU (Common)
Gearbox		Xtrac
ECU Type & Power Level		C4
Calibration File		LY-B4204L43-C-X-S_4.0.0.clx
Checksum	crcAPP	0xAB00DE9E
	crcPartSign	0xF0052BA9
	crcPartZero	0x8AE3342E
	crcPartOne	0x516FA6CC



MG

MG	6 XPOWER TCR		
Engine			SAICNLE
ECU Make (Type)			Marelli (Motorsport)
Gearbox			Xtrac
ECU Type & Power Level			M5
Calibration File			MG-SAICNLE-M-S-S_1-1-0.clx
Checksum	crcEEP1		11388
	crcEEP2		42442
	crcAPP1		54219
	crcAPP2		29701



Opel / Holden / Vauxhall

Opel / Holden / Vauxhall	Astra TCR	
Engine		OP-B20NFT
ECU Make (Type)		Marelli (Motorsport)
Gearbox		Sadev
ECU Type & Power Level		M6
Calibration File		OP-B20NFT-M6-S-S_1.1.0.clx
Checksum	crcAPP1	49229
	crcAPP2	49062
	crcEEP1	2945
	crcEEP2	60244



Peugeot

Peugeot	308 TCR	
Engine		EP6FDTR
ECU Make (Type)		Marelli (Motorsport)
Gearbox		Sadev
ECU Type & Power Level		M6
Calibration File		PE-308-M6_2020-1-0.clx
Checksum	crcFirm1	38630
	crcFirm2	3096
	crcCalib1	42534
	crcCalib2	34464

Peugeot	308 Racing Cup	
Engine		EP6FDTR
ECU Make (Type)		Marelli (Motorsport)
Gearbox		Sadev
ECU Type & Power Level		M6
Calibration File		T9CUP_SP98_12.8.4.8_18S24_100%.pta
Checksum	crcAPP	0x5B17AD1B
	crcEEP	0xDEE2825D



Renault

Renault	Mégane RS TCR
Engine	M5PTCE
ECU Make (Type)	Bosch (Motorsport)
Gearbox	3mo
ECU Type & Power Level	M5
Calibration File	RE-Megane-M5_2020-1-0.s19



Subaru

Subaru	STI WRX TCR
Engine	EJ20
ECU Make (Type)	MoTeC (Motorsport)
Gearbox	Modena
ECU Type & Power Level	M6
Calibration File	Subaru_STI_TCR_2019_BoP_102



Toyota

Toyota	Corolla GRS TCR	
Engine		8ARFTS
ECU Make (Type)		TCR ECU (Common)
Gearbox		Sadev
ECU Type & Power Level		C6
Calibration File		TO-8ARFTS-C-S-S_4.0.0.clx
Checksum	crcAPP	0xAB00DE9E
	crcPartSign	0xF0052BA9
	crcPartZero	0x1C2290A5
	crcPartOne	0xC01363C

