



Ferrari North America

Technical Information

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Campaign #:
Supersedes:
Section:

Model Type: 458 Challenge and 488 Challenge
Subject: Atlanta Pirelli Tire Prescription

Please find attached the Pirelli Tire prescription for the next official Ferrari Challenge event at Road Atlanta – Sept 13-16

The new official values of maximum negative camber and minimum height for the 488 Challenge as per the Sporting and Technical Regulations of 2018 will be as follows:

Maximum negative front camber = -4.4°

Maximum negative rear camber = -3.3°

Minimum front height from official measuring point = 103mm

Minimum rear height from official measuring point = 141mm

Thank you for your attention



Ferrari Challenge

Trofeo **PIRELLI**

FERRARI CHALLENGE 488 Road Atlanta 13 - 16 Settembre 2018

	RIM WIDTH	TYRE SIZE	P. TARGET [PSI]	P. MIN [PSI]	CAMBER MAX	MAX REAR WING		
SLICK								
	FRONT	9.5	275/675-19 SLICK	27.0	19.5	-3,8°	-3,8°	
	REAR	12	315/705-19 SLICK	27.0	19.5	-2,8°	-2,8°	3°
WET								
	FRONT	9.5	275/675-19 RAIN	30.5	24.00	-3,5°	-3,5°	
	REAR	12	315/705-19 RAIN	30.5	24.00	-2,6°	-2,6°	3°

P. TARGET :

is the optimum pressure value for the tyre. The pressure should be measured immediately after the use of the tyre on the track. NEVER set the pressure at lower values than suggested.

P. MIN :

is the minimum pressure value. NEVER use the tyre below the minimum pressure otherwise you will compromise the integrity of the tyre.

The minimum pressure needs to be checked before the car is moved.

Pressure below the minimum value will cause excessive deflection of the sidewall and risk of air loss, compromising the integrity of the tyre.

During the first lap out from the pit and the warm up lap we strongly recommend to avoid impacts with rumble strips and curbs to prevent any tyre pressure loss

P. COLD :

is the pressure that is measured before mounting the tyre on the car, or before the use of tyre warmers, or before the start of any track session

This value need to be determined with respect to the P. MIN value so you can achieve the P TARGET during the use of the tyre on the track

This value need to be checked and adjusted to the calculated value at the same time every day until the end of the event.

P. RAIN :

pressure for the rain tyre changes according to the depth of standing water on the track. The cold pressure should not be less than 23 PSI on damp track.

CAMBER (negative) MAX :

is the maximum negative camber permitted. Negative camber higher than this value can compromise the integrity of the tyre.

Pirelli strongly recommends the use of metal valves.



Ferrari Challenge

Trofeo **PIRELLI**

FERRARI 458 CHALLENGE EVO Road Atlanta 13 - 16 Settembre 2018

	RIM WIDTH	TYRE SIZE	P. TARGET [PSI]	P. MIN [PSI]	CAMBER MAX	MAX REAR WING		
SLICK								
	FRONT	9	255/650-19 SLICK	27.5	19.5	-4,2°	-4,2°	
	REAR	11	305/690-19 SLICK	27.5	19.5	-3,1°	-3,1°	3°
WET								
	FRONT	9	255/650-19 RAIN	30.5	25.00	-3,7°	-3,7°	
	REAR	11	305/690-19 RAIN	30.5	25.00	-2,8°	-2,8°	3°

P. TARGET :

is the optimum pressure value for the tyre. The pressure should be measured immediately after the use of the tyre on the track. NEVER set the pressure at lower values than suggested.

P. MIN :

is the minimum pressure value. NEVER use the tyre below the minimum pressure otherwise you will compromise the integrity of the tyre.

The minimum pressure needs to be checked before the car is moved

Pressure below the minimum value will cause excessive deflection of the sidewall and risk of air loss, compromising the integrity of the tyre.

During the first lap out from the pit and the warm up lap we strongly recommend to avoid impacts with rumble strips and curbs to prevent any tyre pressure loss

P. COLD :

is the pressure that is measured before mounting the tyre on the car, or before the use of tyre warmers, or before the start of any track session

This value need to be determined with respect to the P. MIN value so you can achieve the P TARGET during the use of the tyre on the track

This value need to be checked and adjusted to the calculated value at the same time every day until the end of the event.

P. RAIN :

pressure for the rain tyre changes according to the depth of standing water on the track. The cold pressure should not be less than 23 PSI on damp track.

CAMBER (negative) MAX :

is the maximum negative camber permitted. Negative camber higher than this value can compromise the integrity of the tyre.

Pirelli strongly recommends steel valves, but please do not tighten too much the valve caps