

# Audi R18 TDI



## Audi R18 TDI

n. 1 24h Le Mans 2011

R. Dumas, T. Bernhard, M. Rockenfeller

CA24b				
150mm	34mm	93mm	64mm	79gr

Motor	Pinion/Gear	Front Rims/Tyres	Rear Rims/Tyres
Flat-6 20.5K	11/28	17.3x10 1152C1	17.3x10 1152C1

Scale
<b>1:32</b>

Inline reverse	Inline	Sidewinder	Inline Boxer	Anglewinder

Setup	ND Magnet	Race Magnet	Suspension	Light

Digital

Motor mount	Inline reverse	Inline	Sidewinder	Inline Boxer	Anglewinder	Setup	ND Magnet	Race Magnet	Suspension	Light	Digital
	<input type="radio"/> [2]	<input type="radio"/> [2]	<input checked="" type="radio"/>	<input type="radio"/> [2]	<input checked="" type="radio"/> [1]	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

- Standard
- Compatible
- Not Compatible

[1] box stock standard; offset 1 mm  
[2] only with optional inline body kit



# Audi R18 TDI



The R18 TDI is a sports car designed in 2011 by Audi, according to the Lmp1 regulations, to be engaged in the Le Mans 24 Hours and the World Endurance Championship.

It is a closed cockpit car, a choice made as a consequence of the rules change introduced in 2011.



Each area of this car is designed for extreme reduction of weight; the minimum value of 900 kg required by regulations is reached by using ballasts. The carbon monocoque chassis is made in a single-piece; this solution is very light, but also very safe. The gearbox is 6-speeds, electrically actuated, built with large use of carbon fibre composite material. The whole headlights are made with LEDs.

The diesel engine is a V6, 120°, 3.7 liters displacement; fuel tank capacity is 65 liters. The engine uses a single turbo and exhaust pipe situated below the fin. The maximum power is 540 hp with air restrictions according to the rules, and the top speed about 335 kph. Audi was engaged in the 2011 Le Mans 24 hour-race with 3 R18s. The number 1 was driven by Timo Bernhard, Romain Dumas and Mike Rockenfeller.

