

# Category:Cars

From LFS Manual

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*See also: [Vehicle Mods](#)*

**Cars** are selected in the car selection screen after going to Garage from the game lobby. Cars can be controlled by real players or by the AI drivers.

There is a total of 20 cars in LFS (most require an S1/S2 license). Most can be loosely divided into different classes to keep racing fair and fun. There are 4 real licensed cars, the rest are fictional.

For S3 users, there is a vehicle mods system in place, where you can create your own cars in LFS.

Cars in LFS are often referred by their 3-character short names. For example, the XF GTI is abbreviated as XFG. These short names are used in car skin and setup filenames, reported via the InSim protocol. They can also be seen in the session results table in game, on the setups page (<https://www.lfs.net/files/setups>) or league listings.






All default cars available in Live for Speed

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## Demo cars






The demo cars are available to everyone for free. It consists of one front-wheel drive hatchback, one rear-wheel drive car and one single-seater.

Demo cars							
Image	Model	Abbrev	Layout	Drive	Engine	Output	Weight
	XF GTI	XFG	FF hatchback	FWD	1.3 L inline-4	86 kW (115 hp)	942 kg (2076 lb)
	XR GT	XRG	FR coupe	RWD	1.8 L inline-4	104 kW (140 hp)	1150 kg (2536 lb)
	Formula BMW FB02	FBM	MR formula	RWD	1.2 L inline-4	105 kW (140 hp)	465 kg (1024 lb)



XF GTI and XR GT in Blackwood's first corner

## S1 cars

S1 cars							
Image	Model	Abbrev	Layout	Drive	Engine	Output	Weight
	XR GT Turbo	XRT	FR coupe	RWD	2.0 L turbo inline-4	184 kW (247 hp)	1223 kg (2696 lb)
	RB4 GT	RB4	4WD coupe	AWD	2.0 L turbo inline-4	181 kW (243 hp)	1210 kg (2667 lb)
	FXO Turbo	FXO	FF coupe	FWD	1.9 L turbo flat-4	175 kW (234 hp)	1136 kg (2504 lb)
	LX4	LX4	FR roadster	RWD	1.3 L inline-4	105 kW (140 hp)	499 kg (1101 lb)
	LX6	LX6	FR roadster	RWD	1.8 L inline-6	142 kW (190 hp)	539 kg (1188 lb)



A drag race with S1 cars on Autocross Drag Strip



MRT5

MRT

MR single  
seater











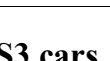
RWD

600 cc turbo  
inline-4

48 kW (64  
hp)

221 kg (486  
lb)

## S2 cars

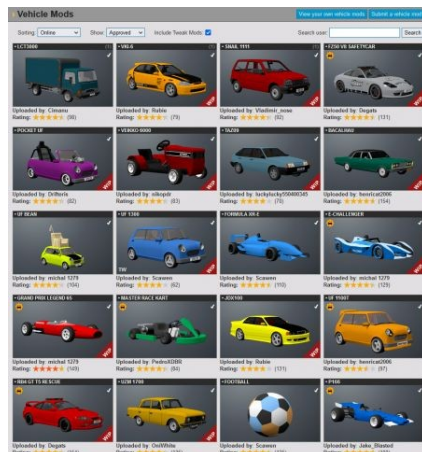
S2 cars							
Image	Model	Abbrev	Layout	Drive	Engine	Output	Weight
	UF 1000	UF1	FF hatchback	FWD	1.0 L inline-4	41 kW (55 hp)	600 kg (1322 lb)
	RaceAbout	RAC	MR convertible	RWD	2.0 L turbo inline-4	183 kW (245 hp)	800 kg (1763 lb)
	FZ50	FZ5	RR coupe	RWD	3.6 L boxer-6	269 kW (360 hp)	1380 kg (3042 lb)
	XF GTR	XFR	FF race car	FWD	2.0 L inline-4	172 kW (230 hp)	840 kg (1851 lb)
	UF GTR	UFR	FF race car	FWD	1.4 L inline-4	134 kW (180 hp)	600 kg (1322 lb)
	Formula XR	FOX	MR formula	RWD	2.0 L inline-4	142 kW (190 hp)	490 kg (1079 lb)
	Formula V8	FO8	MR formula	RWD	3.0 L V8	335 kW (450 hp)	600 kg (1323 lb)
	BMW Sauber F1.06	BF1	MR formula	RWD	2.4 L V8	537 kW (720 hp)	530 kg (1169 lb)
	FXO GTR	FXR	4WD race car	AWD	2.0 L turbo boxer-4	365 kW (490 hp)	1100 kg (2425 lb)
	XR GTR	XRR	FR race car	RWD	2.0 L turbo inline-4	365 kW (490 hp)	1100 kg (2425 lb)
	FZ50 GTR	FZR	RR race car	RWD	3.6 L boxer-6	365 kW (490 hp)	1100 kg (2424 lb)



GTR cars in Kyoto Ring's first corner

## S3 cars

There are no additional official cars available for S3 license holders. However, there is a vehicle mods system which allows anyone to create their own car and use it in LFS.



LFS.net vehicle mods browser (<https://www.lfs.net/files/vehmods>)

## Car classes

*Main article: Cars by class*

	Cars																			
Classes	UF1	XFG	XRG	XRT	RB4	FXO	LX6	RAC	FZ5	XFR	UFR	FXR	XRR	FZR	MRT	FOX	FO8	FBM	BF1	LX4
STD																				
TBO																				
LRF																				
FWD GTR																				
GTR																				
S.S																				
Unclassified																				

## Car steering wheel lock angles

### 900°

All of these cars use the full 900 degrees of rotation:  
XFG, XRG, XRT, RB4, FXO, LX4, LX6, RAC, UF1, FZ5

### 540°

These cars use a reduced lock of just 1.5 turns lock to lock:  
XRR, FXR, FZR, UFR, XFR

### 450°

These cars use 1.25 turns lock to lock:  
FBM, FOX, FO8

### 400°

BF1

### 270°

The only car to use less than one full turn, requiring a flick of 0.75 turns lock to lock:  
MRT

## Real & fictional cars

*See also: Cars by resemblance to reality*

LFS currently features 4 licensed real cars:

- McGill Racing Team MRT5 (<http://fsae.mcgill.ca/en/indexen.htm#>) (MRT)
- Raceabout '03 (<https://web.archive.org/web/20070715120132/http://www.raceabout.fi/index2.php>) (RAC)
- BMW Sauber F1.06 ([https://en.wikipedia.org/wiki/BMW\\_Sauber\\_F1.06](https://en.wikipedia.org/wiki/BMW_Sauber_F1.06)) (BF1)
- Formula BMW FB02 ([https://en.wikipedia.org/wiki/Formula\\_BMW](https://en.wikipedia.org/wiki/Formula_BMW)) (FBM)

As for the fantasy cars, the following is NOT an "official" list nor a "based on" list, just observations of what the cars may look like by several forum members.

- UF 1000 - Daihatsu Trevis ([https://en.wikipedia.org/wiki/Daihatsu\\_Trevis](https://en.wikipedia.org/wiki/Daihatsu_Trevis)), Mini
- XF GTI - Citroen AX GTi ([https://en.wikipedia.org/wiki/Citroen\\_AX](https://en.wikipedia.org/wiki/Citroen_AX)) (general design, size), Fiat Punto Mk1 ([https://en.wikipedia.org/wiki/Fiat\\_Punto#Mark\\_1\\_281993-1999.29](https://en.wikipedia.org/wiki/Fiat_Punto#Mark_1_281993-1999.29)) (interiors and taillights)
- XR GT - Mitsubishi Starion GX ([https://en.wikipedia.org/wiki/Mitsubishi\\_Starion](https://en.wikipedia.org/wiki/Mitsubishi_Starion)) (general design, naturally aspirated engine), Mitsubishi 3000GT ([https://en.wikipedia.org/wiki/Mitsubishi\\_3000GT](https://en.wikipedia.org/wiki/Mitsubishi_3000GT)) (interiors)
- XR GT Turbo - Mitsubishi Starion GSR (<https://en.wikipedia.org/wiki/Image:MitsuStarion.JPG>) Widebody
- LX4 - Lotus Seven ([https://en.wikipedia.org/wiki/Lotus\\_Seven](https://en.wikipedia.org/wiki/Lotus_Seven)) replica, its high-revving 1.3 I4 resembles the Suzuki motorbike engine found on the Westfield Megabusa ([https://en.wikipedia.org/wiki/Westfield\\_Megabusa](https://en.wikipedia.org/wiki/Westfield_Megabusa)).
- LX6 - Lotus 7 (<http://my.voyager.net/~quadrant19/21222-apr-99b.jpg>), Caterham Super Seven (<http://www.seriouswheels.com/pics-2004/2004-Caterham-Superlight-R500-Evolution-FA-1280x960.jpg>), Westfield Sport 2.0 (<http://www.westfield-sportscars.co.uk/sport.html>)
- RB4 GT - Toyota Celica GT4 (Mk6) (<http://www.bestjapanancar.com/TOYOTAS/gt498BR.JPG>) (general design), Toyota Supra Mk4 ([http://www.fantasycars.com/derek/cars/images/toyota/supra\\_1.jpg](http://www.fantasycars.com/derek/cars/images/toyota/supra_1.jpg)) (front/rear)
- FXO Turbo - Opel Astra G/Coupé ([http://www.basehead.org/wallpapers/cars/opel/opel1\\_astra\\_coupe.php](http://www.basehead.org/wallpapers/cars/opel/opel1_astra_coupe.php)) (general design), Honda Civic Si Mk3/Mk4 ([http://www.speedsociety.de/detail/vote\\_8\\_honda\\_civic\\_coupe\\_ej2.jpg](http://www.speedsociety.de/detail/vote_8_honda_civic_coupe_ej2.jpg)) (front and rear styling)
- FZ50 - Porsche 911/996 Mk1 GT3 ([https://en.wikipedia.org/wiki/Porsche\\_996](https://en.wikipedia.org/wiki/Porsche_996)) (general design), Ferrari 550 (styling)
- Formula V8 - Formula 3000 (<http://www.kiesa.com/albums/f3000%20round%206%20magny%20cours/f%B403%20f3000%20kiesa,%20action.jpg>)
- Formula XR - Formula Renault 2000 ([https://en.wikipedia.org/wiki/Formula\\_Renault](https://en.wikipedia.org/wiki/Formula_Renault))

XF GTR, UF GTR, FXO GTR, XR GTR, FZ50 GTR are GTR versions of the road cars, the latter three resembling cars racing in the now defunct JGTC (<https://en.wikipedia.org/wiki/Jgtc>).

## See also

- Basic Setup Guide
- Advanced Setup Guide
- Telemetry
- Vehicle Mods

## Subcategories

This category has the following 8 subcategories, out of 8 total.

### C

- Cars by class
- Cars by drivetrain system
- Cars by engine layout
- Cars by feature
- Cars by license
- Cars by release status
- Cars by resemblance to reality
- Cars by vehicle type

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