

SADEV ST82-17 GENERAL INFORMATION & TOOLS

The objective of this note is informs to customers about some important information to foresee liquids and tooling necessities.

The new SEAT Leon Cup Racer TCR is using a sequential gear box from SADEV ST82-17 customized SEAT Sport. Following the main information:



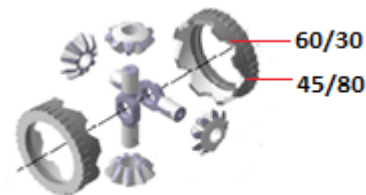
ST82-17 SEAT Sport configuration

Table of the SSp ST82-17 set up

GRUP	15	57	0,263	
	Prim Z1	Sec Z2	Rel canvi	Km/h
1 ^a	12	28	0,429	94
2 ^a	13	23	0,565	124
3 ^a	22	31	0,710	156
4 ^a	21	24	0,875	192
5 ^a	26	25	1,040	229
6 ^a	29	24	1,208	266

Diff ramps homologated

<i>DIFFERENTIAL</i>	
RAMPS (car delivery included /delivery set up)	60/30
RAMPS (car delivery included)	45/80
Optional homologated ramps	60/45



Gear box oil: Elf HTX 755 // 80W-140 1.75lts. (1.5 + 0.25 radiator)

Clutch liquid: Castrol SRF

Ramps: Car served with **60/30** ramps, (60 PWR/ 30 BRK)

*ramps can be reversed between them: 60/30, 30/60, 45/80, 80/45

*Detailed information on the Sadev user manual.

Highlights:

SEAT Sport will publish on the TCR 2016 parts catalogue all SADEV references included on the homologated gear box.

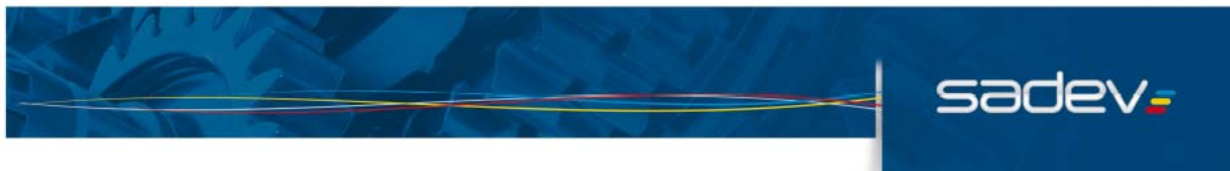
SEAT Sport will only offer spare parts service for the part references indicates on the 2016 TCR parts catalogue with a SEAT Sport reference.

SEAT Sport offers to the customers the revision service. The "revision form" for a sequential gear box is the same as all other reparation services. Fulfill the "revision form".








SEAT Sport recommends to all teams to obtain **the necessary Sadev tooling to repair or set up the differential ramps** or wherever. See below the SADEV ST-82 tools references. **Supplied by Sadev ONLY.** (*Not in SSp parts catalogue*)

SEAT Sport will publish on the web site the "SADEV ST82-17 technical manual". All information necessary for check, rebuild or repair is there.

Sadev special tools:



SPECIAL TOOLS

	Reference SADEV	FOUT9045200	Socket for primary and secondary shaft nut
	Reference SADEV	FOUT9046013	Socket for selector axle nut
	Reference SADEV	FOUT9053024	31 splines Socket
	Reference SADEV	FOUT9052005	Compression washer (for assembly/disassembly the circlip of differential)
	Reference SADEV	0301359	Bolt CHC thread M6 length 70mm (for assembly/disassembly the circlip of differential)
	Reference SADEV	FOUT9053016	Preload adjusting wrench
	Reference SADEV (option)	FOUT9046006	Socket for selector axle nut (for disassembly the selector axle <u>for paddle shift system</u>)

