

TECHNICAL BULLETIN

TB#: TB024 001

Date: 03/18/22

RE: SR3 SRX, XX Component Lining per Radical Specifications

Priority: High

As the performance of the Radical SR3 increases and the number of hours logged racing the cars grows, the more data is available to accurately predict the lifespan of the components. Please see below, the “Radical Component Lifespan Chart”.

This chart gives the recommended life expectancy of components under “normal, on-track racing conditions”

In the events done ‘off-track’ or hitting curbing, or other cars, the timescales recommended will need to be taken into consideration. Damaged parts need to be replaced immediately.

Due to the unpredictable and uncontrolled use of these racing car components, these recommended life expectancies in no way represent a parts warranty. Radical nor its partners will be held responsible or accountable for any parts failure. This information is provided solely as a guide to increase the relative level of safety of the race cars.

For warranty purposes, RPE (Radical Performance Engines) will reference the Total Engine Run Time stored in the “locked” ECU. This can be viewed via LIFE Racing software.

APEX/Crown does not regularly monitor the ECU hours unless the service cycle is managed through Crown.

For the convenience to the customer/owner, Crown installs a readily viewable hour meter to each car that is serviced at Crown.

Note: Crown mounted Hour meter reports +/-0.1% of Life ECU

In an effort to maximize the lifespan of the Engine and Drivetrain, It is highly recommended by Radical and its partners that the following routine maintenance should be followed.

Replace	Hours of Run Time
Engine Oil	8
Engine Oil Filter	8
Engine Air Filter, Clean (AZ)	8
Fuel Filter	42
GDU Oil	6

Cont.

For additional information, please contact Crown Engineering: jmartin@crownconceptsusa.com

For service, please contact Crown Trackside Sales: trackside@crownconceptsusa.com

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Component	Action	Distance (Miles/Laps)	Time (Hours)
Engine	Rebuild		60
GDU	Inspect		8
GDU	Rebuild	2500	
Fuel Injector	Service		40
Spark Plugs	Replace		40
Valve Block, Shifter	Service		As Needed
Brake Caliper	Rebuild	2500	
Dampers	Dyno Check	2500	
Half Shaft	Replace	6500	
Half Shafts	Rebuild		16
Suspension bushes Replace	Replace	2500	
Suspension Rose Joints	Replace	5000	
Front Uprights/Hubs	Replace	3700	
Front Uprights/Hubs	Replace	3700	
Wishbone	Inspect	5000	
Master Cylinders	Replace	5000	
Battery	Replace		Annually
Fuel Tank	Inspect		Annually
Steering Rack and Pinion	Inspect		Annually

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