



## 2013 Scion FR-S Preliminary Product Information

<b>ENGINE</b>	
Type, Materials	FA20: 2.0-liter, 4-cylinder, boxer, aluminum alloy block and heads
Valvetrain	DOHC, 4-valves per cylinder with dual variable valve timing
Displacement	1,998 cc
Bore x Stroke	86 x 86 mm.
Compression Ratio	12.5:1
Horsepower	200 hp @ 7,000 rpm (SAE Net)
Torque	151 lb.-ft. @ 6400-6600 rpm
Fuel System	D-4S (Direct and Sequential Port Injection)
Recommended Fuel	Premium Fuel Required
Emission Certification	LEV II - LEV
EPA Fuel Economy* (City/Highway/Combined MPG)	6-Speed M/T: 22/30/25 6-Speed A/T: 25/34/28

\*2012/2013 EPA MPG. Actual mileage will vary.

<b>DRIVETRAIN</b>		
Layout	Rear-wheel drive	
Transmission Type	6-Speed M/T	6-Speed A/T w/Paddle Shifters and Dynamic Rev Management
Gear Ratios		
1 <sup>st</sup>	3.626	3.538
2 <sup>nd</sup>	2.188	2.060
3 <sup>rd</sup>	1.541	1.404
4 <sup>th</sup>	1.213	1.000
5 <sup>th</sup>	1.000	0.713
6 <sup>th</sup>	0.767	0.582
Reverse	3.437	3.168
Differential Ratio	4.10	4.10
Torsen® Limited-Slip Differential		



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<b>CHASSIS AND BODY</b>		
Suspension	- Front	MacPherson® Strut
	- Rear	Double wishbone
	- Stabilizer Bar Diameter Front/Rear	18mm/14mm
Steering	- Type	Electric Power Steering (EPS)
	- Overall Ratio	13.1
	- Turns (lock to lock)	2.48
	- Turning Circle Radius	17.7 ft.
Brakes	- Front - type/diameter	Ventilated Disc/11.6 in.
	- Rear - type/diameter	Ventilated Disc/11.4 in.
	- Parking	Center hand brake
Anti-lock Brake System (ABS)		Standard
Wheel Size		17 x 7 in.
Wheel Type and Material		Alloy
Tire Size		215/45R17 87W
Tire Type		Michelin Primacy HP summer tires
Spare Tire/Wheel		Temporary Spare

<b>EXTERIOR DIMENSIONS</b>	
Wheelbase	101.2 in.
Overall Length	166.7 in.
Overall Width (w/o mirrors)	69.9 in.
Overall Height (no antenna)	50.6 in.
Tread Width (front/rear)	59.8/60.6 in.
Ground Clearance	4.9 in.
Coefficient of Drag	0.27

<b>INTERIOR DIMENSIONS</b>	
Seating Capacity	4
Headroom (Front/Rear)	37.1/35.0 in.
Legroom (Front/Rear)	41.9/29.9 in.
Shoulder Room (Front/Rear)	54.5/51.7 in.
Hip Room (Front/Rear)	53.1/45.3 in.
EPA Passenger Volume	76.5 cu. ft.



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### **WEIGHTS AND CAPACITIES**

Curb Weight	(MT) 2,758 lbs. (AT) 2,806 lbs.
Fuel Capacity	13.2 gal.
Engine Oil	5.5 quarts

### **STANDARD EXTERIOR FEATURES**

- 17-inch alloy wheels, 215/45R17 Michelin Primacy HP summer tires
- Roof-mounted antenna
- Keyless entry for doors and trunk
- Color-keyed power outside mirrors
- Variable Intermittent front wiper
- Chrome-tipped dual exhaust
- Projector beam halogen headlamps with auto-cut
- Daytime running lights
- LED taillights and center mounted stop lamp

### **STANDARD INTERIOR FEATURES**

- Air conditioning
- 6-way driver seat and 4-way front-passenger seat with integrated headrests
- 4-piece carpeted floor mat set
- Digital clock: multi-info display
- Power door locks and outside mirrors
- Power windows with one-touch up and down
- Rear window defogger
- One-piece folding rear seatback
- Center-mounted tachometer with programmable rev indicator
- Aluminum sport pedals and scuff plates
- Digital and analog speedometer
- Leather-trimmed tilt and telescopic steering wheel
- Cruise-control
- Leather-wrapped shift knob
- Microphone for Bluetooth® System
- Window indexing
- Engine immobilizer



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### **STANDARD AUDIO SYSTEM**

- Pioneer 300-watt total power output audio system with AUX/USB Port w/iPod Connectivity
- Hands-free phone capability and music streaming via Bluetooth® wireless technology
- 160-watt Pioneer AM/FM/CD/HD head unit
- 140-watt two-channel amplifier
- 8 speakers
- RCA output jacks
- Bluetooth® connectivity: Hands-free phone and streaming audio
- HD Radio™ technology
- Auxiliary audio and USB input ports

### **STANDARD SAFETY AND SECURITY**

- Standard driver and front passenger dual-stage advanced airbags, driver and front passenger seat-mounted side airbags, front and rear passenger side curtain airbags (total of 6)
- Integrated headrests for driver and front passenger
- Three-point front seatbelts with pretensioners and force limiters; ALR/ELR retractors on all passenger seatbelts
- STAR Safety System™
  - Anti-lock Brake System (ABS)
  - Electronic Brake Distribution (EBD)
  - Traction Control (TRAC)
  - Brake Assist (BA)
  - Vehicle Stability Control (VSC)
  - Smart Stop Technology (SST)
- Tire Pressure Monitoring System (TPMS)
- LATCH (Lower Anchors and Tethers for Children)

### **BASIC LIMITED WARRANTY COVERAGE**

- 3-year/36,000-mile Comprehensive
- 5-year/60,000-mile Powertrain
- 5-year/unlimited-mileage Corrosion Perforation

### **Complimentary Scion Service Boost**

- 2-year or 25,000-mile Factory-Scheduled Maintenance
- 2-year 24-hour Roadside Assistance



### **ACCESSORIES**

#### **AUDIO**

- BeSpoke Premium Audio

#### **INTERIOR**

- Ashtray kit
- Arm rest
- Carpet trunk mat

#### **EXTERIOR**

- Wheel locks
- Fog lights
- Mud guards
- Rear spoiler
- Rear bumper applique
- Paint protection film
- Door edge guards

#### **PERFORMANCE**

- Cold air intake
- Exhaust system
- Air filter
- Oil filler cap
- Lowering springs
- Strut tie brace
- Sway bars
- 18" alloy wheel
- Big brake, front
- Performance brake pads