



Saleen S351-R Technical Highlights

The Saleen S351-R has been developed in conjunction with Ford Motor Company to create the finest muscle car produced in the world. This vehicle offers the performance enthusiast the "fastest production vehicle, not tuner special, sold in American dealerships" (Motor Trend, April '96), while retaining the convenience features one expects in a modern road car. All Saleen S351-R's include air conditioning, power windows, power locks, anti-lock brakes, driver and passenger air bags, and remote keyless entry.

The S351-R is built off the Ford V-6 Mustang platform, which is delivered directly from the Mustang Plant in Dearborn, MI to Saleen's production facility in Irvine, CA. The vehicles specifications and options are directed by the ordering Saleen Dealership. Once the vehicle is produced it is shipped via closed carrier to the ordering dealership or wherever the customer chooses.

S351-R 510 Horsepower (EPA Certified 50 states w/ OBDII)

351 CID Supercharged engine - The S351-R uses the Ford Windsor Engine block. The supercharger is a polished Saleen/Vortech unit that produces 9.5 psi.

Forged Pistons - Due to the intense cylinder pressure caused by the supercharger, Saleen engineers specified forged pistons for increased durability.

High Performance Aluminum Cylinder Heads - The Saleen aluminum cylinder heads are designed to offer:

1. Increased airflow.
2. Better heat dissipation.
3. Remove 60 lbs. off the front axle.

Hydraulic Roller Camshaft and Lifters

1. Provides better valvetrain performance
2. Greater durability on high output engines.

Roller Rockers - Reduces valvetrain noise and increases durability.

Saleen upper/lower manifold - The Saleen upper/lower manifold was designed to force a larger amount of air into the supercharged engine. This increases horsepower.

65 mm throttle body - The 65mm throttle body increases air flow for additional power.

80 mm Mass-Air Sensor - The Saleen mass air sensor increases air flow and is re-calibrated for the new Saleen EEC-V engine processor.

36 lb./hr Fuel Injectors - These injectors are used to keep up with the fuel demand of the S351-R supercharged engine.

Saleen Ceramic Coated Headers - The Saleen headers offer the following benefits:

1. Resist corrosion.
2. Keep heat in the header to reduce engine temperature.
3. Offer increased air flow for more power.

NGK Spark Plugs - Saleen Performance uses NGK Spark Plugs exclusively on the S351-R. We found the NGK plug offers:

1. The best performance on our application.
2. Exceptional durability.

Saleen Spark Plug Wires - The Saleen wires offers:

1. Reduced electrical current restriction for a hotter spark.
2. Cosmetically enhance the engine compartment with their Saleen identification.

Saleen Aluminum Valve Covers - The Saleen valve covers are engineered to:

1. Clear the performance rockers.
2. Cosmetically enhance the engine.

Saleen Engine Management Processor - The Saleen processor was developed specifically for our supercharged S351-R engine. It is tuned for maximum performance and 50 states emission certification with OBDII.

Performance Enhancements

Saleen/Alcon Brake System - The Saleen/Alcon brake system is standard equipment on the S351-R. We feel it is essential to equip a vehicle with this much power with suitable brake components. The front rotors measure 13" and use a four piston caliper. The rear calipers are not changed as most of the braking is done in the front. Increasing the rear rotor size would add too much rotating weight with limited benefit. The Saleen brake system was developed to work in conjunction with Ford's ABS.

The S351-R will decelerate from 60-0 mph in 118 feet. This compares to the Lamborghini Diablo's 60-0 mph stopping distance of 132 feet.

Saleen Racecraft G-load brace - The Racecraft G-load brace is a 1" steel brace that attaches to the chassis under the engine. It was engineered to reduce flex offering better handling.

Borg-Warner 6-Speed Transmission - Due to the increase in power for 1997, Saleen engineers decided the S351-R needed closer gear ratios to take full advantage of the engines output. The gearbox they selected is the Borg-Warner T56. This unit has already been proven in the Dodge Viper.

Saleen Short Throw Shifter - The Saleen shifter reduces the shift throw by 20% which allows the engine to lose as little as 500 rpm's between shifts.

Balanced and Custom Drive Shaft - Saleen engineers developed a custom drive shaft to work with our S351-R powertrain. Each drive shaft is balanced before installation to reduce vibration and wear.

Torsen Traction-Loc Differential - Saleen engineers in conjunction with Torsen Engineering designed a limited slip differential to achieve more traction off the line and drive through corners. This differential has dramatically increased the overall performance and driveability of the S351-R.

High Volume Fuel Pumps - The S351-R engine uses a high volume internal and external fuel pump for adequate fuel supply. The spikes in fuel pressure can be read through the internal fuel pressure gauge housed in our twin gauge pod.

Saleen Oil Cooler - To reduce engine temperature, Saleen engineers developed an external engine oil cooler. This will increase

1. Engine horsepower.
2. Durability.

Saleen Performance Radiator - A Saleen engineered aluminum high volume radiator is installed to keep engine temperature at an optimum level.

Saleen Mufflers and Performance Exhaust - A Saleen designed 2½ stainless steel cat-back system is installed. This exhaust provides:

1. Less exhaust restriction, which results in more power.
2. A much deeper engine note.
3. An aerodynamic tunnel effect because the exhaust is incorporated into the rear fascia.

Air Management

See S281 section. The Saleen designed hood is standard on the S351-R.

Racecraft F.I.A. Suspension

For 1997 the S351-R will have a re-developed Racecraft Suspension system called the F.I.A. (Federation International Automobile). The F.I.A. is the international sanctioning body for world motorsports. Saleen Performance is using the F.I.A. identification to show our international vision to sports car development and the possibility of participating in international motorsport events. (24 Hours of Le Mans, Sebring, Daytona, Suzuka?)

The Racecraft F.I.A. Suspension was developed to handle the S351-R's increased performance. The suspension components will handle more stress and are engineered for longevity. The S351-R will have a better balance and increased performance over last years car. Skid pad numbers have not been published.

The Racecraft F.I.A. Suspension consists of:

Saleen Racecraft progressive rate front/rear coil springs

Saleen Racecraft *F.I.A.* gas front struts

Saleen strut mount bushings

Saleen Racecraft front sway bar - 1 3/8" diameter

Saleen urethane sway bar bushings

Saleen Racecraft *F.I.A.* gas rear shocks

Saleen Racecraft *F.I.A.* gas quad shocks - The Racecraft quad shock reduces axle wrap up under hard acceleration.

Saleen lower control arms with urethane bushings - Saleen lower control arms reduce lateral movement of the rear end under hard acceleration and cornering. The urethane bushing reduce control arm flex.

Saleen/Speedline five spoke magnesium wheels

18" x 8 1/2" front and rear

High Performance B.F. Goodrich Comp T/A ZR tires

245/40/ZR18 front

245/40/ZR18 rear

Saleen High Performance alignment and tuned chassis - Saleen's S351-R alignment specifications are set for high performance driving and to decrease tire wear.

Styling and Interior

200 MPH Speedometer and White Face Gauges - The Saleen gauges are re-calibrated to accommodate the S351-R's specifications. The white face gauges are easier to read in the daylight and cosmetically enhance the interior of a Saleen Mustang.

Twin Gauge Pod - The Twin Gauge Pod is a Saleen engineered component that houses two functional gauges for fuel and boost pressure. The pod replaces the factory clock.

Saleen/Recaro Performance Interior - The standard Ford Mustang seats are replaced with Saleen/Recaro front and rear seats. These are standard in cloth, but can be upgraded to leather. The Saleen/Recaro seats offer much more lateral and thigh support and increases road feel and driving enhancement.

- Refer to the S281 section for additional Styling and Interior information:

SALEEN MUSTANG ATTRIBUTES

- Competition bred high performance drivers car (**Motor Trend**, April 96/S351 R; SALEEN S351 R - "**A THUNDERING, PLUNDERING, VIPER-EATING MONSTROSITY**").
- Limited-production exclusivity (Since 1984, an approximate 12 year average of 500 cars per year have been produced to date. **Turbo & High Tech Performance**, August 96/S281; "*With the popularity of Saleen Mustangs increasing at a steady pace over the past few years, there is presently a healthy herd of these ponycars running around the nation's highways*").
- Fun to drive (**Motor Trend**, April 96/S351 R; "*Even with only 2000 rpm registering on the tach, a sudden stab of throttle will fling your Slurpee clear into the back seat*").
- Significant power increase (**Motor Trend**, April 96/S351 R; "*...the intensity of the power delivery demands your full attention*").
- World-class brakes (**Road & Track 95**; "*Braking with the Saleen/Alcon brakes is like a dog hitting the end of its chain*").
- Exceptional handling (The standard S281 Mustang will pull .92g lateral acceleration).
- Excellent performance value (The base S281 M.S.R.P. starts at just \$29,500.00).
- High standard feature quality, backed by a manufacturers warranty (3year/ 36,000 on S281, and 12 month/12,000 mile on S351).
- Unmatched styling (**Road Test Annual 1996, Fastest Cars in America**; "*With unique wheels and urethane bodywork, the S351 looks ready to rumble*").

NOTHING COMPARES WITH SALEEN MUSTANGS

<u>MODEL</u>	<u>1/4 MILE</u> <u>(second)/MPH</u>	<u>0-60</u> <u>MPH</u> <u>(second)</u>	<u>LAT</u> <u>ACCEL.</u>	<u>BRAKING FT.</u> <u>60-0 MPH</u>	<u>RESALE</u> <u>VALUE</u>	<u>SUGGESTED</u> <u>RETAIL*</u>
SALEEN COBRA EDITION	13.9/102	5.5	.93g	121	HIGH	\$36,990
SALEEN S-281 COUPE	14.8/94	6.4	.93g	125	HIGH	\$28,990
SALEEN S-281 SPEEDSTER	14.9/93	6.5	.93g	128	HIGH	\$36,400
PORSCHE BOXTER	14.7/93.2	6.1	.93g	120	AVERAGE	\$45,900
BMW M Z3 2.8	14.9/93.0	6.5	.87g	123	AVERAGE	\$38,317
CAMARO Z28 SS	13.9/105.0	5.4	.88g	123	LOW	\$28,500
TOYOTA SUPRA/TURBO	13.8/104.9	5.3	.98g	122	LOW	\$51,450
MITSUBISHI 3000GT/VR4	13.9/98.4	5.7	.86g	122	LOW	\$45,594
FIREBIRD FORMULA	14.1/101.0	5.5	.85g	123	LOW	\$34,835
JAGUAR XK3 Convertible	15.0/94.6	6.6	.79g	130	AVERAGE	\$75,398

<u>MODEL</u>	<u>1/4 MILE</u> <u>(second)/MPH</u>	<u>0-60</u> <u>MPH</u> <u>(second)</u>	<u>LAT</u> <u>ACCEL.</u>	<u>BRAKING</u> <u>FT.</u> <u>60-0 MPH</u>	<u>RESALE</u> <u>VALUE</u>	<u>SUGGESTED</u> <u>RETAIL*</u>
JAGUAR XJR-15	12.6/117.2	4.5	.95g	N/A	HIGH	\$1,000,000
SALEEN S-351	12.7/122.0	4.6	.94g	110	HIGH	\$56,990
DODGE VIPER GTS	12.8/111.0	4.4	.97g	129	AVERAGE	\$73,030
PORSCHE 911/TURBO	12.9/112.6	4.5	.91g	126	AVERAGE	\$99,720
LOTUS ESPRIT/V-8	13.0/102.8	4.4	.90g	125	LOW	\$86,977
CORVETTE	13.3/107	4.8	.93g	116	LOW	\$48,540
LAMBORGHINI DIABLO	13.2/109.6	4.7	.87g	116	HIGH	\$268,071
FERRARI 355	13.3/107.2	4.9	.93g	119	AVERAGE	\$133,080
ACURA NSX	13.5/105.7	5.0	.89g	123	LOW	\$39,290

* Prices may include optional equipment.

Information was compiled from Road & Track, Car and Driver and Motor Trend.

Effective 10/01/97

1998 Saleen S-351 Price Quote Form

Saleen S-351 coupe base price	\$56,990.00	
Saleen S-351 convertible base price	\$60,990.00	

Ford options not included in the Saleen base MSRP

Anti-Theft	\$145.00	
Mach 460 Sound System	\$395.00	
Compact Disc Player	Standard	

Saleen S-351 Options

3.55:1 Rear End Gears	\$812.00	
Tire Upgrade (245/40/ZR18 Front and 295/35/ZR18 Rear)	\$1,375.00	
Saleen / Recaro Leather Interior	\$2,244.00	
B-Pillar Chassis Brace (coupe only)	\$345.00	
Saleen Design Steering Wheel	TBD	
Speedster Package (convertible only)	\$2,315.00	
Sport Bar with Soft Tonneau (convertible only)	\$1,200.00	
Saleen Extreme Rainbow Paint	\$11,500.00	

Enclosed transport to dealer: Zone: _____ (obtain price from Saleen manager)	\$ _____
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TOTAL SALEEN MSRP

Luxury Tax	
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Fuel Consumption Tax	\$3,000.00	\$3,000.00
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TOTAL

Effective 10/01/97