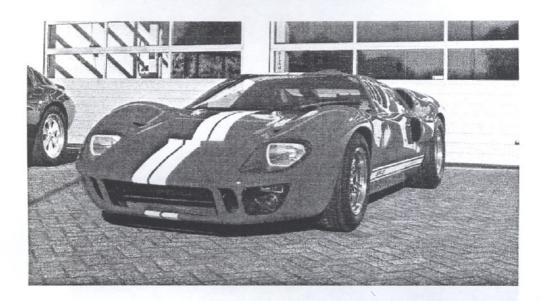
# Superformance



# **Superformance GT40**

First in the Superformance GT40 line up is the MKII A, a quality re-creation of the original that beat the Ferrari and finished in the top three positions at Le Mans in 1966. In developing the exhilarating SPF GT40, engineers went to great lengths to ensure authenticity. So authentic, that we can legally use the name "GT40".

Our engineers are proud of their results in creating this authentic replica of the GT 40 Mk II that finished first, second, and third in the grueling 24 Hours at Le Mans in 1966. After four years in development, production on this exclusive model began, with careful attention to detail incorporating an original style monocoque chassis and a pressed steel roof. The GT is an exact replica of the road going version of the original, with more than 90% of the vehicle's parts being interchangeable with the original car and chassis. The first in the production line was crated and flown off to its first public showing on May 18, 2005 in Carlisle, Pa. joining the parade later in 2006 are the MKI and FIA versions.

Add your choice of power (big or small block) with a ZF/RBT transaxle, and prepare yourself for extreme satisfaction, performance and the ultimate in styling.

# **OLTHOFF RACING, INC**

# SUPERFORMANCE® SPF-GT ORDER FORM

Name		Date	
		H () Cell: ()	
Color		Base Price	\$ 69,600.00
Twin Stripes color Stripe Deviation Gulf Pattern Roundels (each) Special Color: PPo Gurney Bubble Ceramic Silver He Ceramic Black He Transcooler MK II Chrome Fire Extin Custom Car Covel Custom Carpets Stone guard tape	G# aders aders guisher	\$ 650.00 \$ 750.00 \$ 1,000.00 \$ 350.00 \$ 850.00 \$ 650.00 \$ 850.00 \$ 1,300.00 \$ 150.00 \$ 200.00 \$ 140.00 \$ 625,00	\$\$\$\$\$\$\$\$\$
Options Sub Total			\$
N.C. Sales Tax or	Options		\$
		Total	\$ \$
	Check #	Less Deposit Balance Due	\$ \$
Signature:	For	Superformance®	
Approximate deliv	/ery date		

All prices and specifications are subject to change without prior notice.

SPF GT40 Standard Equipment:

The Superformance GT40 is precision crafted, factory assembled and sold minus an engine and transaxle.

- Original style monocoque chassis
- Pressed steel roof
- Suspension same as original
- Paint: Base and clear coat in a variety of colors
- Left-hand drive
- Shifter & Handbrake located in center of tunnel
- Tunnel offset as the original
- Original style seats with silver rivets
- · High capacity air-conditioning included
- Wilwood super light brakes
- Adjustable pedal box
- Adjustable steering as original. Wheel removable.

- Original style "Hartswell" door latches and catches
- · Windows: Front glass, side lexan with vents
- Cross flow radiator
- Original style "Bundle of Snakes" exhaust
- Instrument Panel fitted with Smith gauges
- Wheels: "Halibrand" style (MKII), "BRM" style (MKI)
- Headers for small and big block engines
- Engine oil pan

MKI and MKII models available

### Dimensions, Capacities, and Specifications:

Compared with Original GT40

	1966 Ford GT 40 Mk IIA Le Mans Winner	Superformance GT Mk II
GENERAL		
Weight, lb	2682	2400
Weight Distribution front/rear, %	38/62	40/60
Wheelbase, in.	95.0	95.0
Track front/rear, in	57.0/56.0	56/59
Overall length, in	163.0	163
Width (over scoops), in	70.0	705
Height, in	40.5	39.5-40.5
Frontal area, sq.ft.	15.8	15.8
Fuel tank capacity, gal	42	22.5
ENGINE		
Family	Ford FE	Ford 351W
N. cyl & type	V8	V8
Bore x stroke, in	4.232 x 3.784	4.125 x 4.000
Displacement, cu.in.	427	427
Compression ratio	10.5	10.25
Bhp @ rpm	485 @ 6200	550 @ 5600
Torque @ rpm, lb.ft.	475 @ 4000	535 @ 5200
Carburation	1 x 4 bbl	1 x 4 bbl, or EFI

#### CALCULATED DATA

Engine rpm @ 60 mph	1905	1811
Lb / hp (with driver)	5.8	4.6

#### SPEED IN GEARS

mph @ rpm		
1st	89 @ 6200	53 @ 6400
2nd	140 @ 6200	85 @6400
3rd	170 @ 6200	120 @ 6400
4th	205 @ 6200	161 @6400
5th		207 @ 6230

#### ACCELERATION

Time to speed		
0-40 mph, sec	2.8	2.1
0-60 mph, sec	4.2	3.7
0-80 mph, sec	5.6	4.8
0-100 mph, sec	8.2	6.9
0-120 mph, sec	10.8	9.2
0-140 mph, sec	14.0	11.8
0-160 mph, sec	19.1	15.3
0-180 mph, sec	27.0	21.7
Time to distance		
Quarter mile, sec @ mph	12.0 @ 129	11.2 @ 135

#### FUEL ECONOMY

steady state mpg in top

gear	
70 mph	
100 mph	
150 mph	
200 mph	

16.5	16.0
15.7	15.1
10.1	9.62
6.2	5.9

#### Notes:

1. Data for 1966 Ford GT40 from:

Road & Track, Oct 1966, Portrait of the Le Mans Winner, Technical Analysis

 Data for Superformance GT40 Mk II from: Dimensions measured from GT 001

Weights from factory data for GT 002

Production drive train ratios from factory data

Engine specs from Roush data

3. Superformance GT40 right height depends on tire size and settings.

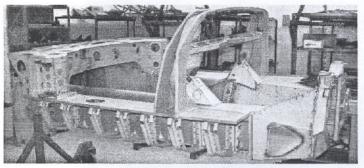
4. Superformance GT40 is lighter, primarily because of lighter engine.

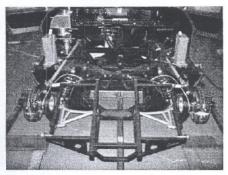
5. Difference in tread measurement is due primarily to differences in tire sizes.

6. Acceleration and fuel economy data from performance simulator.

7. Ford GT40 initial acceleration hampered by tall first gear.

#### **Monocoque Chassis:**





#### Advantages of Monocoque Design:

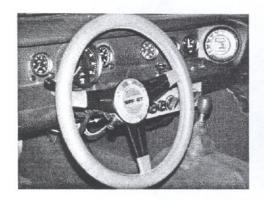
- · Low weight.
- · Chassis can be part of the bodywork.
- · Greater rigidity when compared to space frame of similar weight.

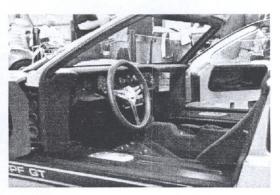
#### Disadvantages of Monocoque Design:

- · Design is difficult to analyze using traditional methods.
- · Greater material cost.
- Specialized construction methods.

#### INTERIOR:

- Left Hand Drive
- · Shifter & handbrake located on center tunnel
- Original style seats.
- Driver's seat 3" wider than original.
- Air Conditioning.
- · Removable Steering Wheel
- · Instrument Panel equipped with "Smith" gauges.
- Optional Gurney Bubble allows extra headroom.





DRIVE TRA	IN	7.2	
Transaxle	***	Ford T-44	RBT
Speeds		4	5
Gear ratios,		·	o .
transmission/	overall		
1st	overun	2.22 / 6.18	2.58 / 9.73
2nd		1.43 / 3.96	1.61 / 6.07
3rd		1.19 / 3.30	1.14 / 4.30
4th		1.00 / 2.77	0.846 / 3.19
5th			0.642 / 2.42
Differential ra	atio	3.09	3.77
Transfer gear	ratio	0.899	
CHASSIS & SUSPENSIO	N		
Frame type		Semi-monocoque,	Semi-monocoque,
- JI		sheet steel	sheet steel
Brake type		Vented disc, single	Vented disc, single
Traine JP		calipher	caliper
Tires		Goodyear "A"	Yokohama Avid
Front		9.75-15	225/60R15 (test)
		(250/60-15 approx)	225/50R15 (opt)
Rear		12.8-15	275/60R15 (test)
		(325/60-15 approx)	295/50R15 (opt)
Wheels		11 /	(1)
Front			15x8
Rear			15x10
Steering typ	e	Rack and pinion	Rack and pinion
Front suspen		Independent with	Independent with
		unequal length A-	unequal length A-
		arms, coil springs,	arms, coil springs,
		tube shocks, anti-	tube shocks, anti-roll
		roll bar	bar
Rear suspens	sion	Independent with	Independent with
		trailing arms,	trailing arms,
		unequal length	unequal length
		lateral arms, coil	lateral arms, coil
		springs, tube	springs, tube shocks,
		shocks, anti-roll bar	anti-roll bar
INSTRUME	NTATION:		
Instruments		7000 rpm tach	oil pressure
		oil temperature	8000 rpm tach
		water temperature	water temperature
		fuel pressure	oil temperature
		ammeter	fuel level
		gearbox oil	ammeter
		temperature	200 mph
			speedometer
Warning lig	hts	differential oil	high beam
		pressure	alternator
		engine oil pressure	turn signal
			radiator cooling fans
			35

## **Roush Performance Engines**

Roush Performance is extending our product offering to include Roush-engineered, Ford-based street performance engines.

- All engines are built to Roush's exacting tolerances and all AL and R series engines (Competition excluded) carry a 2-year / 24,000-mile warranty.
- All engines are hot-tested and verified for power on a dynamometer. Dyno sheets are included with each R series engine.
- · All engines come with the exclusive "powered by Roush" engraved plaques.
- The engines are built from the highest quality parts; sourced with "performance" and "reliability" in mind. In most cases, they carry the ROUSH brand to ensure "you're getting the best".
- Our engines are built complete from carburetor to oil pan and include many parts that you've had to "add-on" in the past.
- Engine packages are available with "full-polished" components to finish your project with just the right look. (Check availability and lead time.) Roush can custom paint blocks, oil pans, timing covers, etc.
- Short-block, long-block and custom engine builds are available.

Model	Cubic Base Inch Engine	Horsepower	Torque	Price (Estimate)
402SR	402 cu.in. / 5.8L	430 HP	480 ft. lbs.	\$12,100.00
402R	402 cu.in. / 5.8L	515 HP	500 ft. lbs.	\$12,100.00
402IR 8-Stack fuel injected	402 cu.in. / 5.8L	500 HP	500 ft. lbs	\$20,500.00
427SR	427 cu.in. / 5.8L 4 bolt mai	510 - 520 HP	530 ft. lbs.	\$14,050.00
427R	427 cu.in. / 5.8L	550 HP	535 ft. lbs.	\$14,050.00
427IR 8-Stack fuel injected	427 cu.in. / 5.8L 4 bolt ma	550 HP	535 ft. lbs.	\$22,500.00

- \* Add upgrade C (clutch, pressure plate, T.B.) at \$450.00
- \* Add Freight at \$250.00

For information or nearest dealer,

Call 800-59-ROUSH

Or visit us at www.roushperf.com

Size specifications may vary.
 Stated horsepowers are averaged and can vary + 5%. Detals available.