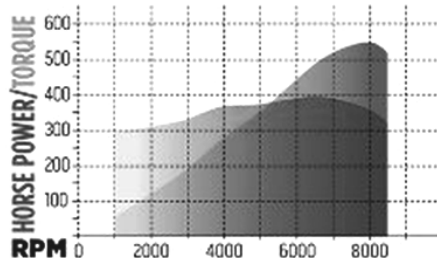
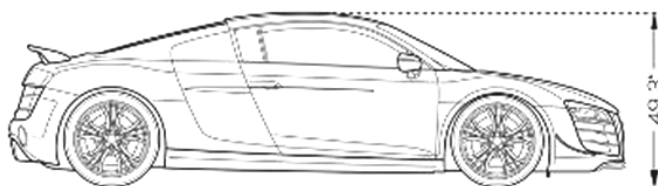


5.0.1b World's Greatest Drag Race Data

Choose two of the following data measures to help you predict the outcome of Motortrend's "World's Greatest Drag race." Record them on your data sheet and then predict the winning order.

 **AUDI R8 GT**
**3.5 sec****0-60 MPH**

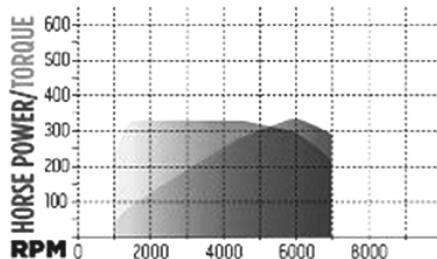
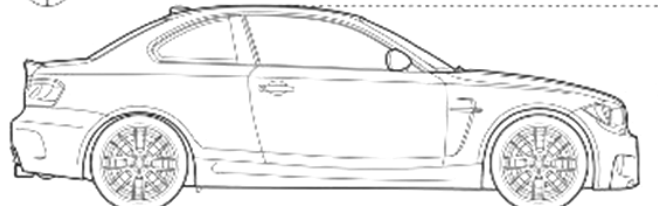
174.5"

QUARTER MILE**102 ft****BRAKING DISTANCE 60-0 MPH**

75.0"

POWER 560 HP @ 8000 RPM
TORQUE 398 LB-FT @ 6500 RPM**MT FIGURE EIGHT 23.9 SEC @ 0.95 G**

PRICE: \$200,100 **DRIVELINE:** Mid-engine/5.2L/560-hp/398-lb-ft V-10/6A-cl M/AWD **SUSPENSION, F;R:** Control arms, coil springs, adj shocks, anti-roll bar; control arms, coil springs, anti-roll bar **BRAKE DISCS/CLPRS, F;R** 15.0-in vented, drilled carbon-ceramic disc/6-piston; 14.0-in vented, drilled carbon-ceramic disc/4-piston, ABS **CURB WEIGHT (DIST F/R)** 3484 lb (43/57%) **TIRES, F;R** 235/35ZR19 91Y; 305/30ZR19 102Y Pirelli PZero Corsa

 **BMW 1 SERIES M**
**4.2 sec****0-60 MPH**

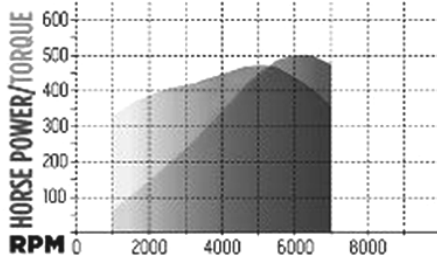
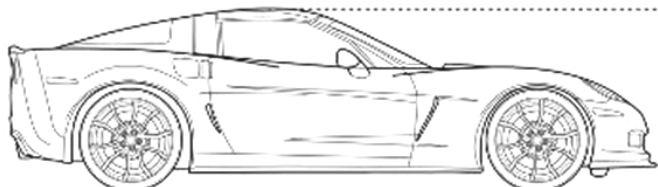
172.2"

QUARTER MILE**106 ft****BRAKING DISTANCE 60-0 MPH**

71.0"

POWER 335 HP @ 5900 RPM
TORQUE 369 LB-FT @ 1500 RPM**MT FIGURE EIGHT 24.7 SEC @ 0.81 G**

PRICE: \$50,460 **DRIVELINE:** Front engine/3.0L/335-hp/332-lb-ft* twin-turbo I-6/6M/RWD **SUSPENSION, F;R:** Struts, coil springs, anti-roll bar; multilink, coil spring, anti-roll bar **BRAKE DISCS/CLPRS, F;R** 14.2-in vented, drilled disc/1-piston; 13.8-in vented, drilled disc/1-piston, ABS **CURB WEIGHT (DIST F/R)** 3402 lb (51/49%) **TIRES, F;R** 245/35ZR19 93Y; 265/35ZR19 98Y Michelin Pilot Sport PS2 *(369-lb-ft w/overboost)

 **CHEVROLET CORVETTE Z06 WITH Z07 PACKAGE**
**3.8 sec****0-60 MPH**

175.6"

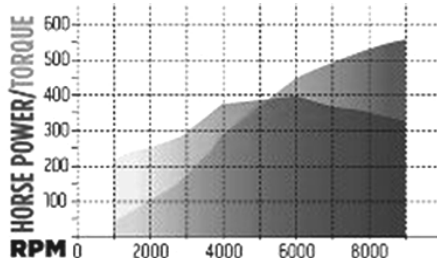
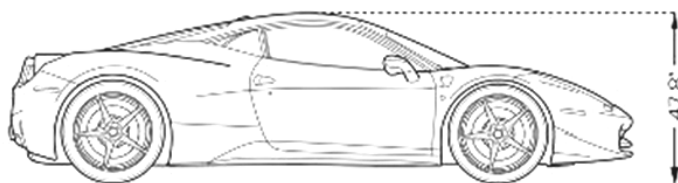
QUARTER MILE**94 ft****BRAKING DISTANCE 60-0 MPH**

75.9"

POWER 505 HP @ 6300 RPM
TORQUE 470 LB-FT @ 4800 RPM**MT FIGURE EIGHT 22.8 SEC @ 0.98 G**

PRICE: \$104,650 **DRIVELINE:** Front engine/7.0L/505-hp/470-lb-ft V-8/6M/RWD **SUSPENSION, F;R:** Control arms, transverse leaf spring, adj shocks, anti-roll bar; control arms, transverse leaf spring, adj shocks, anti-roll bar **BRAKE DISCS/CLPRS, F;R** 15.5-in vented, drilled carbon-ceramic disc/6-piston; 15.0-in vented, drilled carbon-ceramic disc/4-piston, ABS **CURB WEIGHT (DIST F/R)** 3320 lb (49/51%) **TIRES, F;R** 285/30ZR19 87Y; 335/35ZR20 94Y Michelin Pilot Sport Cup ZP

FERRARI 458 ITALIA



3.2 sec

0-60 MPH

178.2"

QUARTER MILE

106 ft

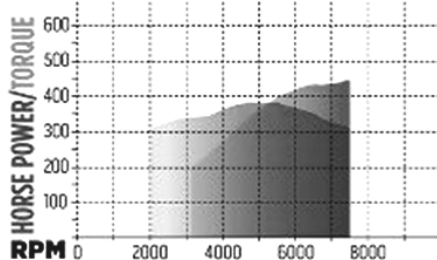
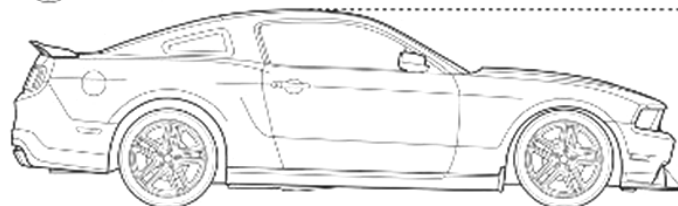
BRAKING DISTANCE 60-0 MPH

POWER 557 HP @ 9000 RPM
TORQUE 398 LB-FT @ 6000 RPM

MT FIGURE EIGHT 23.6 SEC @ 0.90 G

PRICE: \$287,654 **DRIVELINE:** Mid-engine/4.5L/557-hp/398-lb-ft V-8/7T-cl A/RWD **SUSPENSION, F/R:** Control arms, coil springs, adj shocks, anti-roll bar; multilink, coil springs, adj shocks, anti-roll bar **BRAKE DISCS/CLPRS, F/R:** 15.7-in vented, drilled carbon-ceramic disc/6-piston; 14.2-in vented, drilled carbon-ceramic disc/4-piston, ABS **CURB WEIGHT (DIST F/R)** 3440 lb (43/57%) **TIRES, F/R:** 235/35ZR20 92Y; 295/35ZR20 101Y Michelin Pilot Super Sport K1

FORD MUSTANG BOSS 302 LAGUNA SECA



4.0 sec

0-60 MPH

188.1"

QUARTER MILE

106 ft

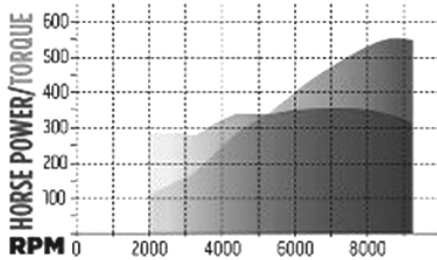
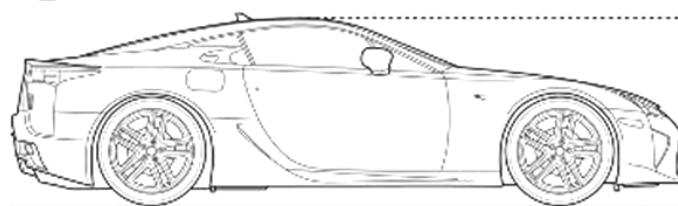
BRAKING DISTANCE 60-0 MPH

POWER 444 HP @ 7500 RPM
TORQUE 380 LB-FT @ 4500 RPM

MT FIGURE EIGHT 24.6 SEC @ 0.81 G

PRICE: \$48,100 **DRIVELINE:** Front engine/5.0L/444-hp/380-lb-ft V-8/6M/RWD **SUSPENSION, F/R:** Struts, coil springs, adj shocks, anti-roll bar; live axle, coil springs, adj shocks, anti-roll bar **BRAKE DISCS/CLPRS, F/R:** 14.0-in vented disc/4-piston; 11.8-in vented disc/1-piston, ABS **CURB WEIGHT (DIST F/R)** 3640 lb (55/45%) **TIRES, F/R:** 255/40ZR19; 285/35ZR19 Pirelli PZero Corsa

LEXUS LFA



4.0 sec

0-60 MPH

177.1"

QUARTER MILE

106 ft

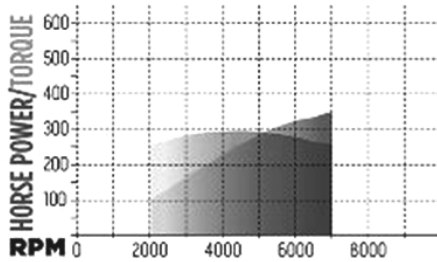
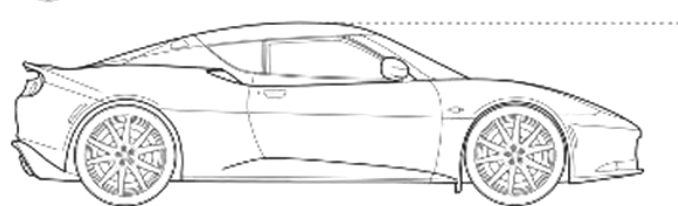
BRAKING DISTANCE 60-0 MPH

POWER 552 HP @ 8700 RPM
TORQUE 354 LB-FT @ 6800 RPM

MT FIGURE EIGHT 23.7 SEC @ 0.89 G

PRICE: \$381,100 **DRIVELINE:** Front engine/4.8L/552-hp/354-lb-ft V-10/6A-cl M/RWD **SUSPENSION, F/R:** Control arms, coil springs, anti-roll bar; multilink, coil springs, anti-roll bar **BRAKE DISCS/CLPRS, F/R:** 15.4-in vented, drilled carbon-ceramic disc/6-piston; 14.2-in vented, drilled carbon-ceramic disc/4-piston, ABS **CURB WEIGHT (DIST F/R)** 3559 lb (50/50%) **TIRES, F/R:** 265/35ZR20 95Y; 305/30ZR20 99Y Bridgestone Potenza S001

LOTUS EVORA S



4.5 sec

0-60 MPH

170.9"

QUARTER MILE

102 ft

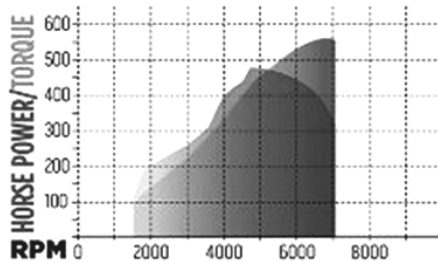
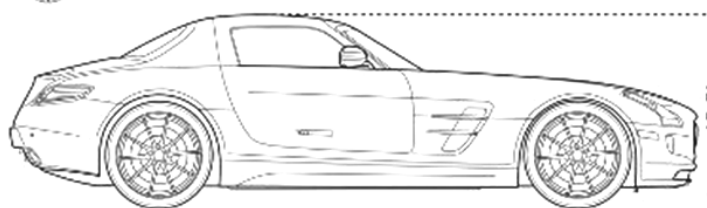
BRAKING DISTANCE 60-0 MPH

POWER 345 HP @ 7000 RPM
TORQUE 295 LB-FT @ 4500 RPM

MT FIGURE EIGHT 24.4 SEC @ 0.82 G

PRICE: \$90,110 **DRIVELINE:** Mid-engine/3.5L/345-hp/295-lb-ft supercharged V-6/6M/RWD **SUSPENSION, F/R:** Control arms, coil springs, anti-roll bar; control arms, coil springs, anti-roll bar **BRAKE DISCS/CLPRS, F/R:** 13.8-in vented, drilled disc/4-piston; 13.1-in vented, drilled disc/4-piston, ABS **CURB WEIGHT (DIST F/R)** 3171 lb (39/61%) **TIRES, F/R:** 235/35ZR19 91Y; 275/30ZR20 97Y Pirelli PZero Corsa

MERCEDES-BENZ AMG SLS



3.7 sec

182.6"

109 ft

O-60 MPH

QUARTER MILE

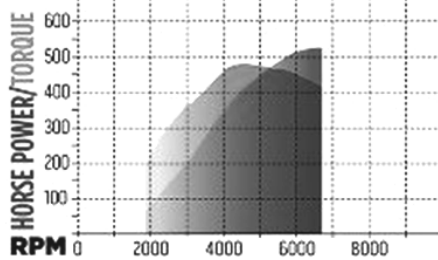
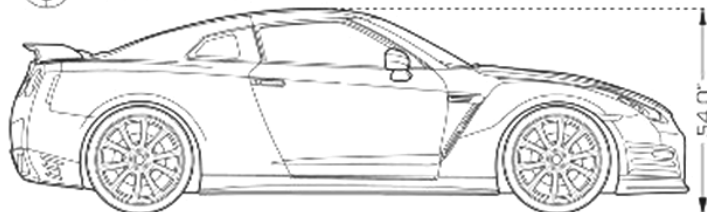
BRAKING DISTANCE 60-0 MPH

POWER 563 HP @ 6800 RPM
TORQUE 479 LB-FT @ 4750 RPM

MT FIGURE EIGHT 24.3 SEC @ 0.86 G

PRICE: \$205,200 **DRIVELINE:** Front engine/6.2L/563-hp/479-lb-ft V-8/7T-cl A/RWD **SUSPENSION, F;R:** Control arms, coil springs, anti-roll bar; control arms, coil springs, anti-roll bar **BRAKE DISCS/CLPRS, F;R** 15.4-in vented, slotted, drilled disc/6-piston; 14.2-in vented, slotted, drilled disc/4-piston, ABS **CURB WEIGHT (DIST F/R)** 3795 lb (46/54%) **TIRES, F;R** 265/35ZR19 98Y; 295/30ZR20 101Y Continental ContiSportContact 5P

NISSAN GT-R



2.9 sec

183.1"

109 ft

O-60 MPH

QUARTER MILE

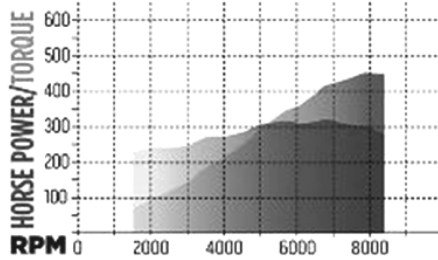
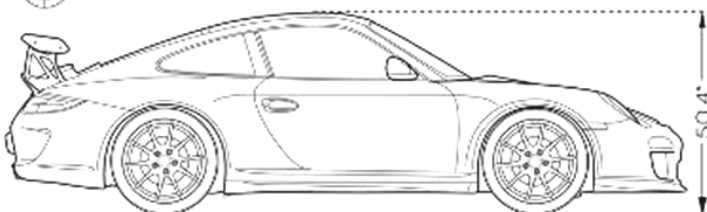
BRAKING DISTANCE 60-0 MPH

POWER 530 HP @ 6400 RPM
TORQUE 448 LB-FT @ 3200 RPM

MT FIGURE EIGHT 23.7 SEC @ 0.89 G

PRICE: \$90,950 **DRIVELINE:** Front engine/3.8L/530-hp/448-lb-ft twin-turbo V-6/7T-cl A/AWD **SUSPENSION, F;R:** Control arms, coil springs, adj shocks, anti-roll bar; multilink, coil springs, adj shocks, anti-roll bar **BRAKE DISCS/CLPRS, F;R** 15.4-in vented, drilled disc; 15.0-in vented, drilled disc; ABS **CURB WEIGHT (DIST F/R)** 3894 lb (55/45%) **TIRES, F;R** 255/40ZR20 97Y; 285/35ZR20 100Y Dunlop SP Sport Maxx CT 600 DSST CTT

PORSCHE 911 GT3 RS



3.5 sec

176.2"

98 ft

O-60 MPH

QUARTER MILE

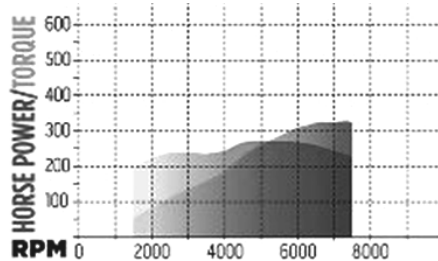
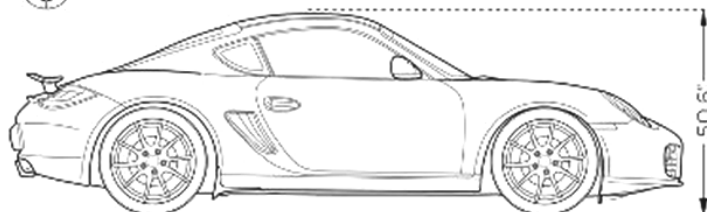
BRAKING DISTANCE 60-0 MPH

POWER 450 HP @ 7900 RPM
TORQUE 317 LB-FT @ 6750 RPM

MT FIGURE EIGHT 23.6 SEC @ 0.87 G

PRICE: \$149,820 **DRIVELINE:** Rear engine/3.8L/450-hp/317-lb-ft flat-6/6M/RWD **SUSPENSION, F;R:** Control arms, coil springs, adj shocks, adj anti-roll bar; multilink, coil springs, adj shocks, adj anti-roll bar **BRAKE DISCS/CLPRS, F;R** 15.0-in vented, drilled carbon-ceramic disc/6-piston; 13.8-in vented, drilled carbon-ceramic disc/4-piston, ABS **CURB WEIGHT (DIST F/R)** 3157 lb (39/61%) **TIRES, F;R** 245/35ZR19 89Y; 325/30ZR19 101Y Michelin Pilot Sport Cup

PORSCHE CAYMAN R



4.2 sec

171.1"

108 ft

O-60 MPH

QUARTER MILE

BRAKING DISTANCE 60-0 MPH

POWER 330 HP @ 7400 RPM
TORQUE 273 LB-FT @ 4750 RPM

MT FIGURE EIGHT 24.5 SEC @ 0.82 G

PRICE: \$78,150 **DRIVELINE:** Mid-engine/3.4L/330-hp/273-lb-ft flat-6/7t-cl A/RWD **SUSPENSION, F;R:** Struts, coil springs, anti-roll bar; struts, coil springs, anti-roll bar **BRAKE DISCS/CLPRS, F;R** 12.5-in vented, drilled disc/6-piston; 11.8-in vented, drilled disc/4-piston, ABS **CURB WEIGHT (DIST F/R)** 3083 lb (45/55%) **TIRES, F;R** 235/35ZR19; 265/35ZR19 Bridgestone Potenza RE050A