## **BUGATTI VEYRON 16.4** MFR'S SPECS C/D RESULTS Price **Fuel Capacity** Vehicle type: mid-engine, 4-wheel-drive, 2-passenger, 2-door coupe 26.4 gal Options: none EPA C/D \$1.657.700 CITY HWY OBSERVED Standard: power windows and locks, remote locking, cruise control, tilting and telescoping steering wheel 14 R 11 BASE: \$1.657.700 AV system: Burmester; AM, FM radio; CD player; 8 speakers MPG INTERIOR DIMENSIONS WEIGHT: Curb: 4486 lb Per horsepower: 4.5 lb TOWING CAPACITY: 0 lb RESTRAINT SYSTEMS Front: manual 3-point belts, driver and passenger DISTRIBUTION: Front: 44.6% Rear: 55.4% GVWR: 4850 lb front airbags Width: 78.7 in Drag area: Cd (0.39) x frontal area (22.3 sq ft) = 8.7 sq ftSEAT ADJUSTMENTS Front: fore-and-aft, seatback angle MEASUREMENTS (in) Shoulder Head Leg FRONT 36.03 44.0\* 54.5\* Height: Ground SAE VOLUME 45.1-Front Cargo clearance: 47.4 in 50 cu ft\* 1 cu ft 2 6-4 9 in \*C/DEST Wheelbase: 106.7 in Chassis type: center section of aluminum Front track: honeycomb and carbon-fiber-reinforced plastic 67.5 in with an aluminum-tube front and steel-tube rear Length: 175.7 in Rear track: 67.5 in space frames Body material: welded aluminum stampings and **ENGINE** DRIVETRAIN carbon-fiber-reinforced plastic Transmission: 7-speed manual with automated shifting STEERING Quad-turbocharged and twin-intercooled W-16, aluminum block and heads and clutch Final-drive ratio: 3.64:1, limited slip Rack-and-pinion with hydraulic power assist Bore x stroke: 3.39 x 3.39 in, 86.0 x 86.1mm 4-wheel-drive system: full time with automatic front-Turns lock-**Turning circle** axle engagement and an open front and limited-slip Steering ratio: Displacement: 488 cu in, 7998cc curb-to-curb: 39.3 ft rear differential Transfer-gear ratio: 0.71:1 17.2:1 to-lock: 2.5 Compression ratio: 9.0:1 MPH PER 1000 RPM Fuel-delivery system: port injection SUSPENSION GEAR RATIO SPEED IN GEAR **Turbochargers: MPE MP70** Front: ind, unequal-length control arms, coil springs, 3.18 10.1 67 mph (6600 rpm) Maximum boost pressure: 18.1 psi anti-roll bar Valve gear: chain-driven double overhead Ш 2.26 14.2 94 mph (6600 rpm) Rear: ind, unequal-length control arms with a toecams, 4 valves per cylinder, hydraulic lifters, III 1.67 19.3 127 mph (6600 rpm) control link, coil springs, anti-roll bar variable intake- and exhaust-valve timing I۷ 1.29 24.9 164 mph (6600 rpm) Power (SAE net): 1001 bhp @ 6000 rpm ٧ 1.06 30.4 201 mph (6600 rpm) WHEELS+TIRES Torque (SAE net): 922 lb-ft @ 2200 rpm VI 0.88 36.6 242 mph (6600 rpm) Wheel size/type: F: 255 x 500mm, R: 355 x 540mm/ VII 253 mph (6250 rpm) Redline: 6600 rpm 0.80 40 4 forged aluminum Tires: Michelin Pilot Sport PS2 PAX: F: 265-680ZR-**TEST RESULTS** NOTES 500A (99Y), R: 365-710ZR-540A (108Y) Spare: none HANDLING INTERIOR Out-of-this-world SOUND (dBA) ROADHOLDING UNDERSTEER **BRAKES** thrust shoves you with 94 more than 1 q up to MINIMAL Hydraulic with vacuum power **Traction Control** 83 50 mph. Resolutely assist, anti-lock control, and TES NO Defeatable YES electronic panic assist stable, even at 200 66 **MODERATE** mph. Surprisingly pure F: 15.7 x 1.5-in R: 15.0 x 1.3-in **Stability Control** steering and handling vented, drilled vented, drilled ■YES ■NO ceramic disc Defeatable YES for an AWD car. ceramic disc ACCELERATION WEATHER TOP SPEED Temperature: 72°F ¼-mile: 10.1 sec @ 142 Humidity: 54% Barometric pressure: 29.05 in Ha 11 1.6 20 2.5 30 3.7 45 5.3 62 7.2 85 9.8 113 13.1 153 17.8 210 25.5 SEC gov Itd ODOMETER Test-vehicle mileage: 2241 90 100 110 120 130 140 150 160 170 180 190 200 5-60 street start: 3.2 sec Top gear, 30-50: 1.8 sec Top gear, 50-70: 2.3 sec TIRE INFLATION BRAKING Test Front Rear 158 ft pressures: 44 psi 44 psi 70-0 MPH