

# 2011 FORD MUSTANG V-6 TECHNICAL SPECIFICATIONS

| BODY                                                    |                                                                        |
|---------------------------------------------------------|------------------------------------------------------------------------|
| Construction: Unitized welded steel body, aluminum hood |                                                                        |
| Final assembly location: Flat Rock, Michigan (USA)      |                                                                        |
| POWERTRAIN AND CHASSIS                                  |                                                                        |
| ENGINE                                                  | V-6                                                                    |
| Type                                                    | 3.7L V-6                                                               |
| Manufacturing location                                  | Cleveland, Ohio (USA)                                                  |
| Configuration                                           | Aluminum block and aluminum head                                       |
| Intake manifold                                         | Composite shell-welded with internal runner pack                       |
| Exhaust manifold                                        | Cast iron                                                              |
| Redline                                                 | 6,850 rpm, hard limit 7,000 rpm                                        |
| Valvetrain                                              | DOHC, 4 valves per cylinder, twin independent variable camshaft timing |
| Pistons                                                 | Cast aluminum                                                          |
| Connecting rods                                         | Forged steel                                                           |
| Ignition                                                | Distributor-less with coil-on-plug                                     |
| Bore x stroke                                           | 3.76 x 3.41/95.5 x 86.7 mm                                             |
| Displacement                                            | 227 cu. in./3,731 cc                                                   |
| Compression ratio                                       | 10.5:1                                                                 |
| Engine control system                                   | PCM                                                                    |
| Horsepower                                              | 305 @ 6,500 rpm                                                        |
| Horsepower per liter                                    | 82                                                                     |
| Torque                                                  | 280 ft.-lb. @ 4,250 rpm                                                |
| Recommended fuel                                        | Unleaded 87 octane                                                     |
| Fuel capacity                                           | 16 gallons                                                             |
| Fuel delivery                                           | Sequential multi-port electronic                                       |
| Oil capacity                                            | 5 quarts with filter                                                   |
| DRIVETRAIN                                              |                                                                        |
| Layout                                                  | Rear-wheel drive                                                       |
| TRANSMISSION                                            |                                                                        |
| Standard                                                | 6-speed manual                                                         |
| Gear ratios                                             |                                                                        |
| 1st                                                     | 4.236                                                                  |
| 2nd                                                     | 2.538                                                                  |
| 3rd                                                     | 1.665                                                                  |
| 4th                                                     | 1.238                                                                  |
| 5th                                                     | 1.00                                                                   |
| 6th                                                     | 0.70                                                                   |
| Final drive                                             | 2.73 or 3.31                                                           |
|                                                         |                                                                        |

## 2011 FORD MUSTANG V-6 TECHNICAL SPECIFICATIONS

| Optional                      |                                                                                                                                                                                                                                                             | 6-speed automatic |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 1st                           | 4.171                                                                                                                                                                                                                                                       |                   |
| 2nd                           | 2.340                                                                                                                                                                                                                                                       |                   |
| 3rd                           | 1.521                                                                                                                                                                                                                                                       |                   |
| 4th                           | 1.143                                                                                                                                                                                                                                                       |                   |
| 5th                           | 0.867                                                                                                                                                                                                                                                       |                   |
| 6th                           | 0.691                                                                                                                                                                                                                                                       |                   |
| Final drive                   | 2.73 or 3.31                                                                                                                                                                                                                                                |                   |
| SUSPENSION                    |                                                                                                                                                                                                                                                             |                   |
| Front                         | Reverse-L independent MacPherson strut, 28.6-mm tubular stabilizer bar                                                                                                                                                                                      |                   |
| Rear                          | 3-link solid axle with coil springs and Panhard rod and solid stabilizer bar                                                                                                                                                                                |                   |
| STEERING                      |                                                                                                                                                                                                                                                             |                   |
| Type                          | Rack-and-pinion with electric power assist                                                                                                                                                                                                                  |                   |
| Ratio                         | 15.7:1                                                                                                                                                                                                                                                      |                   |
| Turning circle curb-to-curb   | 33.4 ft.                                                                                                                                                                                                                                                    |                   |
| BRAKES                        |                                                                                                                                                                                                                                                             |                   |
| Type                          | Four-wheel power disc brakes with 4-sensor, 4-channel anti-lock braking system (ABS)                                                                                                                                                                        |                   |
| Front                         | 293 (11.5-in.) x 30-mm vented disc, twin-piston 43-mm floating aluminum calipers                                                                                                                                                                            |                   |
| Rear                          | 300 (11.8-in.) x 19-mm vented disc, single-piston 43-mm floating iron calipers                                                                                                                                                                              |                   |
| TIRES AND WHEELS (TYPE, SIZE) |                                                                                                                                                                                                                                                             |                   |
| Standard                      | Manual: P225/60R-17 A/S BFGoodrich Radial T/A<br>Auto: P215/65R-17 A/S Michelin Energy Saver<br>17 x 7.0-in. silver painted aluminum wheels                                                                                                                 |                   |
| Optional                      | 17 x 7.0-inch machined face, dark painted aluminum wheels<br>P235/50ZR-18 A/S Pirelli PZero Nero with:<br>18 x 8.0-in. narrow-spoke painted aluminum wheels<br>18 x 8.0-in. dark-stainless painted aluminum wheels<br>18 x 8.0-in. polished aluminum wheels |                   |

| <b>DIMENSIONS</b> (inches unless otherwise noted) |           |             |
|---------------------------------------------------|-----------|-------------|
|                                                   | Coupe     | Convertible |
| <b>EXTERIOR</b>                                   |           |             |
| Wheelbase                                         | 107.1     | 107.1       |
| Overall length                                    | 188.1     | 188.1       |
| Overall width                                     | 73.9      | 73.9        |
| Overall height                                    | 55.6      | 56.1        |
| Track, front/rear                                 | 62.3/62.9 | 62.3/62.9   |
| <b>INTERIOR</b>                                   |           |             |
| Seating capacity                                  | 4         | 4           |
| Front headroom                                    | 38.5      | 38.8        |
| Front legroom                                     | 42.4      | 42.4        |
| Front shoulder room                               | 55.3      | 55.3        |
| Front hip room                                    | 53.4      | 53.4        |

## 2011 FORD MUSTANG V-6 TECHNICAL SPECIFICATIONS

|                                                |                          |                       |
|------------------------------------------------|--------------------------|-----------------------|
| Rear headroom                                  | 34.7                     | 36.5                  |
| Rear legroom                                   | 29.8                     | 29.8                  |
| Rear shoulder room                             | 51.6                     | 45.0                  |
| Rear hip room                                  | 46.8                     | 45.2                  |
| <b>WEIGHTS AND CAPACITIES</b>                  |                          |                       |
| SAE passenger volume                           | 83.3 cu. ft.             | 81.0 cu. ft.          |
| Cargo volume                                   | 13.4 cu. ft.             | 9.6 cu. ft.           |
| Maximum towing capacity<br>(properly equipped) | 1,000 lbs.               | 1,000 lbs.            |
| <b>FUEL ECONOMY (city/hwy)</b>                 | <b>6-speed automatic</b> | <b>6-speed manual</b> |
| 3.7-liter DOHC V-6                             | 19/30 mpg estimated      | 18/29 mpg estimated   |
| <b>BASE CURB WEIGHT (POUNDS)</b>               |                          |                       |
| Manual transmission                            | 3,750 estimated          | 4,000 estimated       |
| Automatic transmission                         | 3,750 estimated          | 4,000 estimated       |
| Weight distribution (f/r)                      | 54/46 estimated          | 54/46 estimated       |
| Power-to-weight ratio                          | TBD                      | TBD                   |
| Manual transmission                            | TBD                      | TBD                   |
| Automatic transmission                         | TBD                      | TBD                   |

*Specifications subject to change.*