

# BMW

## U.S. Media Information

### Technical Data

#### 2018 BMW M6 Convertible

|                                      |                 | <b>M6</b>                  | <b>M6 DCT</b> |
|--------------------------------------|-----------------|----------------------------|---------------|
|                                      |                 | <b>manual transmission</b> | <b>DCT</b>    |
| <b>Transmission type</b>             |                 |                            |               |
| <b>Body</b>                          |                 |                            |               |
| Seats                                | --              | 4                          | 4             |
| Number of Doors                      | --              | 2                          | 2             |
| drive type                           | --              | RWD                        | RWD           |
| Veh. length                          | inch            | 193                        | 193           |
| Veh. width                           | inch            | 74.8                       | 74.8          |
| Width incl mirrors                   | inch            | 82.9                       | 82.9          |
| Veh. height                          | inch            | 53.9                       | 53.9          |
| Wheelbase                            | inch            | 112.2                      | 112.2         |
| Overhang front                       | inch            | 37.4                       | 37.4          |
| Rear overhang                        | inch            | 43.4                       | 43.4          |
| Ground clearance                     | inch            | 4.2                        | 4.2           |
| Turning circle                       | ft              | 39.7                       | 39.7          |
| Legroom front                        | inch            | 42.1                       | 42.1          |
| Legroom 2nd row                      | inch            | 30.5                       | 30.5          |
| Shoulder room front                  | inch            | 56.9                       | 56.9          |
| Shoulder room rear                   | inch            | 49.6                       | 49.6          |
| Headroom front                       | inch            | 40.3                       | 40.3          |
| Maximum headroom 2nd row             | inch            | 36.5                       | 36.5          |
| Front Seat Volume                    | ft <sup>3</sup> | 55.8                       | 55.8          |
| Rear Seat Volume                     | ft <sup>3</sup> | 31.9                       | 31.9          |
| Press Trunk volume (SAE)             | ft <sup>3</sup> | 10.6-12.4                  | 10.6-12.4     |
| US Tank capacity - series            | gal             | 21.1                       | 21.1          |
| rear Weight distribution (empty car) | %               | 49.3                       | 49.1          |
| US Curb weight                       | lbs             | 4480                       | 4515          |
| <b>Engine</b>                        |                 |                            |               |
| Engine type                          | --              | S63B44T0                   | S63B44T0      |
| Cylinders                            | --              | 8                          | 8             |
| Valves p.cyl.                        | --              | 4                          | 4             |
| Stroke                               | mm              | 88.3                       | 88.3          |
| Bore                                 | mm              | 89                         | 89            |
| Displacement                         | cm <sup>3</sup> | 4395                       | 4395          |
| Compression rate                     | :1              | 10                         | 10            |
| Engine power                         | hp@rpm          | 552@6000-7000              | 552@6000-7000 |
| Engine torque                        | lb-ft@rpm       | 500@1500-5750              | 500@1500-5750 |
| Fuel type                            | --              | gasoline                   | gasoline      |
| Useable Fuel quality                 | --              | ROZ91-98                   | ROZ91-98      |
| recomm.                              | --              | ROZ98                      | ROZ98         |
| Engine oil (filling quantity)        | liter           | 8.5                        | 8.5           |
| <b>Transmission</b>                  |                 |                            |               |
| Transmission designation             | --              | G                          | M DKG 436     |
| Transmission type                    | --              | manual transmission        | DCT           |
| Gear ratios                          |                 |                            |               |

|                                     |                | <b>M6</b>           | <b>M6 DCT</b>       |
|-------------------------------------|----------------|---------------------|---------------------|
| 1st gear                            | --             | 4.055               | 4.806               |
| 2nd                                 | --             | 2.396               | 2.593               |
| 3rd                                 | --             | 1.582               | 1.701               |
| 4th                                 | --             | 1.192               | 1.277               |
| 5th                                 | --             | 1                   | 1                   |
| 6th                                 | --             | 0.872               | 0.844               |
| 7th                                 | --             | -                   | 0.671               |
| 8th                                 | --             | -                   | -                   |
| Reverse gear                        | --             | 3.677               | 4.172               |
| Final drive ratio                   | --             | 3.154               | 3.154               |
| <b>Chassis and Suspension</b>       |                |                     |                     |
| Power-steering                      | --             | hydraulic           | hydraulic           |
| Steering transmission, overall      | :1             | 13.1                | 13.1                |
| Front tires                         | --             | 265/40 ZR19 102Y XL | 265/40 ZR19 102Y XL |
| Front rims                          | --             | 9.5J x 19           | 9.5J x 19           |
| Rear tires                          | --             | 295/35 ZR19 104Y XL | 295/35 ZR19 104Y XL |
| Rear rims                           | --             | 10.5J x 19          | 10.5J x 19          |
| Track front                         | inch           | 64.2                | 64.2                |
| Rear track                          | inch           | 63.5                | 63.5                |
| <b>Performance</b>                  |                |                     |                     |
| Top speed                           | mph            | 155                 | 155                 |
| Top speed (opt. M Driver's Package) | mph            | 190                 | 190                 |
| 0-60 mph                            | s              | 4.4                 | 4.3                 |
| A                                   | m <sup>2</sup> | 2.29                | 2.29                |
| Cx                                  | --             | 0.33                | 0.33                |
| Air resistance                      | m <sup>2</sup> | 0.76                | 0.76                |
| Battery Capacity (low voltage)      | Ah             | 105                 | 105                 |
| System voltage (low voltage)        | V              | 12                  | 12                  |
| <b>Fuel economy</b>                 |                |                     |                     |
| Fuel cons. city (official EPA)      | mpg            | 15                  | 14                  |
| Fuel cons. highway (official EPA)   | mpg            | 22                  | 20                  |
| Fuel cons. combined (official EPA)  | mpg            | 17                  | 16                  |