



Opel Insignia: Technical Data Overview

| Insignia | | | | | | | |
|---|--------------------|--|------------|------------|------------------|------------------|---------------------|
| Gasoline engines | | | 1.6 ECOTEC | 1.8 ECOTEC | 1.6 TURBO ECOTEC | 2.0 TURBO ECOTEC | 2.8 V6 TURBO ECOTEC |
| Emission classification | | | Euro 5 | Euro 5 | Euro 5 | Euro 5 | Euro 5 |
| Fuel | | | Premium | Premium | Premium | Premium | Premium |
| Number of cylinders/Valves per cylinder | | | 4/4 | 4/4 | 4/4 | 4/4 | 6/4 |
| Displacement | in cm ³ | | 1,598 | 1,796 | 1,598 | 1,998 | 2,792 |
| Bore | in mm | | 79.0 | 80.5 | 79.0 | 86.0 | 89.0 |
| Stroke | in mm | | 81.5 | 88.2 | 81.5 | 86.0 | 74.8 |
| Max. output | in kW (hp) | | 85 (115) | 103 (140) | 132 (180) | 162 (220) | 191 (260) |
| | at rpm | | 6,000 | 6,300 | 5,500 | 5,300 | 5,500 |
| Max. torque | in Nm | | 155 | 175 | 230 | 350 | 350 (400*) |
| | at rpm | | 4,000 | 3,800 | 2,200 - 5,400 | 2,000 - 4,000 | 1,900 - 4,500 |
| Compression ratio | | | 10.8 : 1 | 10.5 : 1 | 8.8 : 1 | 9.3 : 1 | 9.5 : 1 |
| Transmission | | | | | | | |
| 6-speed manual | | | standard | standard | standard | standard | standard |
| 6-speed automatic | | | - | - | - | option | option |
| Drive | | | | | | | |
| FWD | | | standard | standard | standard | standard | - |
| AWD | | | - | - | - | option | standard |

* with overboost; ** with mechanical park brake; *** with electrical park brake



| Insignia | | | | | |
|---|--------------------|-----------------|-----------------|-----------------|-------------------------|
| Diesel engines | | 2.0 CDTI ECOTEC | 2.0 CDTI ECOTEC | 2.0 CDTI ECOTEC | 2.0 CDTI BiTurbo ECOTEC |
| Emission classification | | Euro 5 | Euro 5 | Euro 5 | Euro 5 |
| Diesel Particle Filter | | standard | standard | standard | standard |
| Number of cylinders/Valves per cylinder | | 4/4 | 4/4 | 4/4 | 4/4 |
| Displacement | in cm ³ | 1,956 | 1,956 | 1,956 | 1,956 |
| Bore | in mm | 83.0 | 83.0 | 83.0 | 83.0 |
| Stroke | In mm | 90.4 | 90.4 | 90.4 | 90.4 |
| Max. output | in kW (hp) | 81 (110) | 96 (130) | 118 (160) | 140 (190) |
| | at rpm | 4,000 | 4,000 | 4,000 | 4,000 |
| Max. torque | in Nm | 260 (320*) | 300 (320*) | 350 (380*) | 400 |
| | at rpm | 1,750 – 2,500 | 1,750 – 2,500 | 1,750 – 2,500 | 1,750 – 2,500 |
| Compression ratio | | 16.5 : 1 | 16.5 : 1 | 16.5 : 1 | 16.5 : 1 |
| Transmission | | | | | |
| 6-speed manual | | standard | standard | standard | standard |
| 6-speed automatic | | - | option | option | option |
| Drive | | | | | |
| FWD | | standard | standard | standard | as of MY 10 |
| AWD | | - | - | - | standard |

* with overboost



| Insignia | 4-door | 5-door | Sports Tourer |
|---|--------|--------|---------------|
| Vehicle dimensions in mm | | | |
| Length | 4,830 | 4,830 | 4,908 |
| Width | 1,856 | 1,856 | 1,856 |
| Width with exterior mirrors | 2,084 | 2,084 | 2,084 |
| Height (at curb weight) | 1,498 | 1,498 | 1,520 |
| Wheelbase | 2,737 | 2,737 | 2,737 |
| Track, front | 1,585 | 1,585 | 1,585 |
| Track, rear | 1,587 | 1,587 | 1,587 |
| Turning circle in m | | | |
| Wall to wall | 11.4 | 11.4 | 11.4 |
| Curb to curb | 10.9 | 10.9 | 10.9 |
| Boot dimensions in mm (according to ECIE) | | | |
| Length on floor to rear seat back | 1,003 | 1,003 | 1,086 |
| Length on floor with rear seat back folded forward | 1,895 | 1,895 | 1,908 |
| Width between wheel housings | 1,027 | 1,027 | 1,030 |
| Max. opening width | 1,017 | 950 | 1,064 |
| Opening height | 330 | 594 | 684 |
| Boot capacity in liters (according to ECIE) | | | |
| Boot to boot cover | 500 | 520 | 540 |
| With rear seat back folded forward to beneath roof | - | 1,465 | 1,510 |
| Weight and axle loads in kg (according to 70/156/EU) | | | |
| Curb weight incl. driver | 1,503 | 1,503 | 1,660 |
| Permissible gross vehicle weight | 2,020 | 2,035 | 2,215 |
| Payload | 517 | 532 | 555 |
| Permissible axle load, front | 1,005 | 1,005 | 1,045 |
| Permissible axle load, rear | 1,050 | 1,070 | 1,180 |
| Permissible roof load | 100 | 100 | 100 |
| Fuel tank capacity (in liters) | 70 | 70 | 70 |