



| Technical Specifications             |   | S4 Sedan           |   |
|--------------------------------------|---|--------------------|---|
| <b>ENGINE:</b>                       |   |                    |   |
| Type                                 | V8 arrangement, 8-cylinder with Double Overhead Camshafts and two-stage variable intake manifold  |                    |   |
| Arrangement                          | Front mounted   |                    |   |
| Bore                                 | 3.33 in.  | 84.5 mm            |   |
| Stroke                               | 3.65 in.  | 92.8 mm            |   |
| Displacement                         | 254 cu. in.   | 4163 cc            |   |
| Compression ratio                    | 11.0:1  |                    |   |
| Fuel requirement                     | Premium unleaded 91 AKI / 95 RON recommended for maximum performance  |                    |   |
| Horsepower (SAE)                     | 340 hp  | @7000 rpm (manual) | 6800 rpm (auto)   |
| Max. Torque                          | 302 lbs. ft.  | @ 3500 rpm         |   |
| <b>ENGINE DESIGN:</b>                |   |                    |   |
| Cylinder block                       |   |                    |   |
| Crankshaft                           |   |                    |   |
| Cylinder head                        | Aluminum alloy  |                    |   |
| Valve train / intake                 | Intake camshaft adjustment, DOHC belt driven, hydraulic lifters   |                    |   |
| Cooling system                       | Water-cooled, thermostatically controlled radiator fan  |                    |   |
| Lubrication system                   | Gear pump, pressurized, full flow with oil cooler   |                    |   |
| Fuel injection: FSI Direct Injection | Motronic 7.1.1: fully electronic, sequential injection, hot-film air mass measurement, drive-by-wire throttle control, mapped ignition with solid state high-voltage distribution, cylinder-selective adaptive knock control using four sensors |                    |   |
| Emission system                      | Two close-coupled primary and two underfloor main catalytic converters; adaptive lambda control with two heated oxygen sensors before and two after the converter.  |                    |   |
| <b>ELECTRICAL SYSTEM:</b>            |   |                    |   |
| Battery                              | 12 volts  | 95 amp/hr          |   |
| Alternator                           | 14 volts  | 190 amp            |   |
| <b>DRIVETRAIN:</b>                   |   |                    |   |
| Transmissions                        | 6-speed manual transmission   |                    |   |
|                                      | 6-speed automatic transmission with Tiptronic®  |                    |   |
| Type                                 | quattro® Manual 6-speed   |                    | quattro® Automatic 6-speed w/Tiptronic  |
| Gear ratios:                         | 1st   | 3.667:1            | 4.171:1   |
|                                      | 2nd   | 2.050:1            | 2.340:1   |
|                                      | 3rd   | 1.462:1            | 1.521:1   |
|                                      | 4th   | 1.133:1            | 1.143:1   |
|                                      | 5th   | 0.919:1            | 0.867:1   |
|                                      | 6th   | 0.778:1            | 0.691:1   |
|                                      | Final Drive   | 3.889:1            | 3.539:1   |
| Torque Split                         | 40/60   |                    | 50/50   |
| Front Differential                   | Hypoid gear, electronically locking (EDL)   |                    | Hypoid gear, electronically locking (EDL)   |
| Center Differential                  | TORSSEN® (TORque SENSing) differential providing automatic and variable front to rear power proportioning   |                    | TORSSEN® (TORque SENSing) differential providing automatic and variable front to rear power proportioning |
| Rear Differential                    | Hypoid gear, electronically locking (EDL)   |                    | Hypoid gear, electronically locking (EDL)   |
| <b>STEERING:</b>                     |   |                    |   |
| Type                                 | Maintenance-free rack-and-pinion steering with Servotronic electronic power assist  |                    |   |
| Ratio                                | 14.5:1  |                    |   |
| Turns (lock-to-lock)                 | n.a.  |                    |   |
| Turning circle (curb-to-curb)        | 37.7 ft.  | 11.5 m             |   |
| <b>SUSPENSION:</b>                   |   |                    |   |
| Front                                | Four-link, upper and lower control arms, stabilizer bar, coil springs/shock absorbers (gas charged)   |                    |   |
| Rear                                 | Fully independent, trapezoidal link rear suspension, stabilizer bar, separate coil springs and shock absorbers (gas charged)  |                    |   |
| <b>BRAKES:</b>                       |   |                    |   |
| Service brake                        | Dual circuit brake system with diagonal split, Anti-lock Brake System (ABS), Electronic Brake pressure Distribution (EBD) and Electronic Stabilization Program, upgraded version 8.0 (ESP) with brake disc wiping feature; tandem brake booster |                    |   |
| Front, size and type                 | 12.6 in.  | 320x30 mm          | - Ventilated disc / ContiTeves FNRG-60  |
| Rear, size and type                  | 11.3 in.  | 288x12 mm          | - Solid disc / TRW CII-41   |
| Parking brake                        | Mechanically actuated at the rear wheels  |                    |   |



| Technical Specifications (continued)           |  | S4 Sedan   |                           |  |                          |
|--|--|--|---------------------------|--|--------------------------|
| <b>WHEELS:</b>                                 |  | <b>Standard 18" (C5G)</b>  |                           |  |                          |
| Size   |  | 8J X 18"   |                           |  |                          |
| Offset   |  | 43 mm  |                           |  |                          |
| Weight   |  | n/a  |                           |  |                          |
| Type   |  | Cast alloy 7 double-spoke wheels with high-performance tires   |                           |  |                          |
| <b>TIRES:</b>                                  |  |  |                           |  |                          |
| Size   |  | 235/40 R 18  |                           |  |                          |
| Speed rating                                   |  | Y  |                           |  |                          |
| Construction                                   |  | Radial   |                           |  |                          |
| Load Index                                     |  | 91   |                           |  |                          |
| Brand / Type (all approved)                    |  | Conti Sport Contact 2<br>Pirelli P Zero Rosso  |                           |  |                          |
| <b>BODY:</b>                                   |  |  |                           |  |                          |
| Material                                       |  | Unitized steel structure with integrated aluminum and magnesium components                                   |                           |  |                          |
| Corrosion protection                           |  | All steel parts are 100% dual-side zinc-galvanized. (12-year limited warranty against corrosion perforation) |                           |  |                          |
| <b>CAPACITIES:</b>                             |  | <b>quattro®</b>  |                           |  |                          |
| Engine oil                                     |  | 11.3 qt.   | 10.7 liter                |  |                          |
| Fuel tank                                      |  | 16.6 gal.  | 63 liter                  |  |                          |
| Cooling system                                 |  | 12.9 qt.   | 12.2 liter                |  |                          |
| <b>EXTERIOR DIMENSIONS:</b>                    |  | <b>quattro®</b>  |                           |  |                          |
| Wheelbase                                      |  | 104.3 in.  | 2648 mm                   |  |                          |
| Track: front / rear                            |  | 59.9 in.   | 1522 mm                   | /  | 59.9 in. 1522 mm         |
| Overall length                                 |  | 180.6 in.  | 4586 mm                   |  |                          |
| Overall width / with mirrors                   |  | 70.1 in.   | 1781 mm                   | /  | 76.3 in. 1937 mm         |
| Height (unloaded)                              |  | 55.7 in.   | 1415 mm                   |  |                          |
| Ground clearance (loaded)                      |  | 3.7 in.  | 94 mm                     |  |                          |
| Curb weight: man. / auto.                      |  | 3869 lbs.  | 1755 kg                   | /  | 3990 lbs. 1810 kg        |
| Distribution: % front / rear                   |  | 53/47  | 53/47                     |  | 60 / 40                  |
| Drag coefficient: Front / quattro              |  | Cw = 0.33  | Frontal Area = 2.18 sq.m. |  |                          |
| <b>INTERIOR DIMENSIONS (SAE measurements):</b> |  |  |                           |  |                          |
| Seating Capacity                               |  | 5  |                           |  |                          |
| EPA class                                      |  | Compact  |                           |  |                          |
| Head room front / rear                         |  | 38.4 in.   | 976 mm                    | /  | 37.24 in. 946 mm         |
| w/sunroof front / rear                         |  | 37.9 in.   | 962 mm                    | /  | 37.1 in. 942 mm          |
| Shoulder room front / rear                     |  | 55.1 in.   | 1400 mm                   | /  | 53.43 in. 1357 mm        |
| Leg room front / rear                          |  | 41.3 in.   | 1050 mm                   | /  | 34.25 in. 870 mm         |
| Int. volume Sedan front / rear                 |  | 50.7 cu. ft.   | 1436 liters               | /  | 39.4 cu. ft. 1116 liters |
| Luggage Capacity Sedan                         |  | 13.4 cu. ft.   | 380 liters                | 103.5 = total of cu. ft (including trunk volume) |                          |
| Int. Volume Avant front / rear                 |  | 50.7 cu. ft.   | 1436 liters               | /  | 40.1 cu. ft. 1136 liters |
| Luggage Capacity Avant                         |  | 27.8 cu. ft.   | 787 liters                | 118.6 = total of cu. ft (including trunk volume) |                          |
| Avant rear volume with seats folded            |  | 59 cu. ft.   | 1672 liters               |  |                          |
| <b>PERFORMANCE:</b>                            |  | <b>quattro®</b>  |                           |  |                          |
|  |  | <b>Manual 6-speed</b>  |                           | <b>Automatic Tiptronic®</b>                      |                          |
| 0-50 mph (0-80kmh)                             |  | 4.1 sec.   |                           | 4.3 sec.   |                          |
| 0-60 mph (0-100 km/h)                          |  | 5.3 sec.   |                           | 5.6 sec.   |                          |
| 1/4 mile                                       |  | 13.7 sec.  |                           | 13.9 sec.  |                          |
| Top speed                                      |  | Top speed is electronically limited at 155 MPH (250 km/h)  |                           |  |                          |
| <b>FUEL CONSUMPTION:</b>                       |  | <b>EPA estimate</b>  |                           |  |                          |
|  |  | <b>quattro®</b>  |                           |  |                          |
|  |  | <b>Manual 6-speed</b>  |                           | <b>Automatic Tiptronic®</b>                      |                          |
| City   |  | 13 mpg   |                           | 14 mpg   |                          |
| Highway  |  | 20 mpg   |                           | 21 mpg   |                          |
| Combined                                       |  | 15 mpg   |                           | 16 mpg   |                          |
|  |  | <b>Canadian Estimate</b>   |                           |  |                          |
|  |  | <b>Manual 6-speed</b>  |                           | <b>Automatic Tiptronic®</b>                      |                          |
| City   |  | 16.0 liters/100km  |                           | 15.4 liters/100km                                |                          |
| Highway  |  | 10.2 liters/100km  |                           | 9.5 liters/100km                                 |                          |