

2005 Volkswagen Passat Wagon
 Technical Specifications Data Sheet

| Technical Specifications | | 2005 Passat Wagon 1.8T |
|---------------------------------|---|-------------------------------|
| MODEL: | | |
| Code | B5.5 | |
| Color | Blue | |
| Drive | Front Wheel Drive | |
| Trim | GLS | |
| Type | Wagon | |
| ENGINE: | | |
| Arrangement | Longitudinal | |
| Bore | 3.19 Inches – 81 Millimeters | |
| Code | AWM | |
| Compression Ratio | 9:3 | |
| Displacement | 108.7 Cubic Inches – 1781 Cubic Centimeters | |
| Fuel Requirement | Petrol | |
| Horsepower | 170 @ 5900 RPM | |
| Max Torque | 166 Foot Pounds @ 1950 – 5000 RPM | |
| Max Turbo Boost | | |
| Stroke | 3.39 Inches – 86.4 Millimeters | |
| Type | Inline 4 | |
| ENGINE DESIGN: | | |
| Aspiration | Cast Aluminum Alloy Intake Manifold – Turbo – Intercooler | |
| Cooling System | Sealed | |
| Crankcase | Fracture-Split Forged Steel Connecting Rods – Mahle Forged Aluminum Alloy Pistons | |
| Crankshaft | Die Forged Steel – Five Main Bearings | |
| Cylinder Block | Cast Iron | |
| Cylinder Head | Cast Aluminum Alloy – Five Valves per Cylinder | |
| Emission System | ULEV | |
| Engine Management | Bosch Motronic ME 7.5 Electronic Engine Control Unit (ECU) | |
| Exhaust | Stainless Steel | |
| Firing Order | 1-3-4-2 | |
| Fuel Injection | Motronic ME7.5 Multi-Point Electronic Sequential Indirect Fuel Injection with Four Intake Manifold-Sited Fuel Injectors | |
| Ignition System | Mapped Direct Ignition with Four Individual Direct-Acting Single Spark Coils | |
| Lubrication System | | |
| Valve Train | 20 Valve – Hydraulic Lifters – Timing Belt-Driven – Dual Overhead Camshaft (DOHC) with Variable Inlet Valve Timing | |

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| DRIVE TRAIN: | | |
| Transmission | 5-Speed Electronic Automatic Transmission with Overdrive | |
| Tip-Auto | Tiptronic | |
| Drive | Front-Wheel Drive | |
| Traction Control | ABS and Driveline Traction Control | |
| Gear Ratios: 1 st | 3.665 | |
| 2 nd | 1.999 | |
| 3 rd | 1.407 | |
| 4 th | 1.000 | |
| 5 th | 0.742 | |
| Reverse | 4.096 | |
| Axle Ratio: | 3.73 | |
| PERFORMANCE: | | |
| 0-60 MPH | 10.8 Seconds | |
| ¼ Mile | | |
| Top Speed | 129 Miles Per Hour | |
| FUEL ECONOMY: | | |
| City | 17 Miles per Gallon | |
| Highway | 33 Miles per Gallon | |
| STEERING: | | |
| Type | Hydraulic Power Assist Rack and Pinion | |
| Turning Circle | 37.7 Feet | |
| Stability | Electronic Stability Control | |
| SUSPENSION: | | |
| Front | Four Link Independent – McPherson Struts – Coil Springs | |
| Rear | Torsion Bar Semi-Independent – Coil Springs | |
| BRAKES: | | |
| Type | ABS – Drive Line Traction Control | |
| Front | Vented Discs – 288 Millimeter | |
| Rear | Discs – 245 Millimeter | |
| Parking | Mechanically Actuated | |
| WHEELS: | | |
| Front | 7.0J x 16 Inches – Steel Rims | |
| Rear | 7.0J x 16 Inches – Steel Rims | |
| TIRES: | | |
| Front | 205/55 R16 – Brand | |
| Rear | 205/55 R16 – Brand | |

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| BODY: | | |
| Number of Doors | 5 | |
| Number of Seats | 5 | |
| Paint | Clearcoat Monotone Paint | |
| Side Impact Bars | Side Impact Beams | |
| Body Material | Fully Galvanized Steel | |
| Body Material | Body-Colored Bodyside Molding | |
| Bodyside Insert | Chrome | |
| Window Moldings | Chrome | |
| Front Windshield Moldings | Rubber | |
| Door Handles | Body-Colored | |
| Grille | Chrome | |
| Rear Cargo Door | Liftgate | |
| Sunroof | 1st Row Regular Opening – Express Open/Close – Slide and Tilt Glass with Sunshade | |
| Roof Features | Side Rails | |
| Mirrors | Dual Power Remote – Body-Colored – Heated Folding with Turn Signal Indicators | |
| Bumpers | Front and Rear Body-Colored Bumpers | |
| Rub Strips | Front and Rear Body-Colored Bumper Rub Strip/Fascia Accents | |
| Bumper Inserts | Front and Rear Chrome | |
| Exterior Lights | Projector Beam Halogen Headlamps | |
| Fog Lights | Front Equipped | |
| CAPACTIES: | | |
| Seating | 5 | |
| Passenger Area Volume | 93 Cubic Feet | |
| Interior Cargo Volume | 39 Cubic Feet | |
| Interior Cargo Volume Seats Folded | 56.5 Cubic Feet | |
| Interior Maximum Cargo Volume | 56.5 Cubic Feet | |
| Engine Oil | 3.7 Quarts | |
| Cooling System | 7.4 Quarts | |
| Fuel Tank | 16.4 Gallons | |

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| INTERIOR DIMENSIONS: | | |
| Front Leg Room | 41.5 Inches | |
| Rear Leg Room | 35.3 Inches | |
| Front Head Room | 37.8 Inches | |
| Rear Head Room | 37.9 Inches | |
| Front Shoulder Room | 55.8 Inches | |
| Rear Shoulder Room | 54.6 Inches | |
| EXTERIOR DIMENSIONS: | | |
| Wheel Base | 106.42 Inches | |
| Front Axle | 59.94 Inches | |
| Rear Axle | 59.45 Inches | |
| Length | 184.33 Inches | |
| Width | 68.74 Inches | |
| Height | 58.94 Inches | |
| Ground Clearance | 5.8 Inches | |
| Curb Weight | 3803 Pounds | |
| FEATURES: | | |
| Climate Control | Heating and Air Conditioning | |
| Radio | Premium AM/FM Stereo – In-dash CD – Remote CD Compatible – Theft Deterrent | |
| Speakers | 8 Monsoon with Amplifier | |
| Antenna | Roof Integrated | |
| Cruise | Cruise Control | |
| Auxiliary Release – Door Locks | Auto Locking Power Door Locks with 2 Stage Unlock – Integrated Key – Remote Valet Function | |
| Remote Entry | Keyless Key-Fob | |
| Child Safety Locks | Rear Door Locks | |
| Hatch Release | Lock Included with Power Doors | |
| Fuel Release | Power Remote | |
| Garage Door Transmitter | HomeLink | |
| 12V DC Power | 3 Accessory Outlets | |
| Smokers Package | Ashtray | |
| Lighter | Front Element | |
| Instrumentation | Analog Display | |
| Gauges | Tachometer – Water Temp – Exterior Temp – Oil Temp | |
| Clock | In-Dash | |
| Computer | Trip – Odometer | |

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| FEATURES: Continued | | |
| Warning Indicator | Oil Pressure – Water Temp – Battery – Lights On – Key in Ignition – Low Fuel – Low Washer Fluid – Trunk Ajar – Brake Pad Wear | |
| Steering Wheel | Tilt with Telescopic Adjustment | |
| Windows | Power – Light Tint | |
| 1-Touch | Open – Close Driver and Passenger | |
| Windshield | Speed Sensitive Variable Intermittent Wipers with Heated Jets | |
| Rear Windshield | Fixed Interval Wiper with Defroster | |
| Interior Mirrors | Dual Illuminated Vanity – Driver Side Auxiliary Visor | |
| Rearview Mirror | Day – Night | |
| Dome Light | Fade | |
| Reading Lights | Front and Rear | |
| Other Lighting | 4 Door – Curb Courtesy Lights – Illuminated Entry – Variable IP Lighting | |
| Floor Console | Full Floor with Covered Storage | |
| Glove Box | Locking with Light | |
| Cupholders | Front and Rear | |
| Seatback Storage Pockets | 2 | |
| Refrigerated Box | Cooled Box in the Glovebox | |
| Door Bins | Driver and Passenger | |
| Cargo | Carpeted Cargo Area – Roll-Up Cover – Tie Downs – Lighted | |
| Concealed Storage | In the Cargo Area | |
| Front Seats | Bucket – Heated Seat Cushion – Heated Seat Back | |
| Front Head restraints | Adjustable with Tilt | |
| Front Armrest | Center | |
| Driver's Seat | 6-Way Adjustable with Manual Reclining – Manual Height Adjustment – Manual Lumbar Support – Fore and Aft | |
| Passenger's Seat | 6-Way Adjustable with Manual Reclining – Manual Height Adjustment – Manual Lumbar Support – Fore and Aft | |
| Rear Seats | 60-40 Folding Rear – Fold Forward Seatback Bench Seats | |
| Rear Head restraints | 3 Adjustable with Tilt | |
| Rear Armrest | Center | |
| Front Seat Trim | Leatherette Faced with Leatherette Side and Back | |
| Rear Seat Trim | Leatherette Faced with Carpet Side and Back | |
| Door Trim | Leatherette Trim Insert | |
| Headliner | Full Cloth | |

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| FEATURES: Continued | | |
| Front Floor Trim | Full Carpet Floor Covering | |
| Floor Mats | Carpeted | |
| Interior Accents | Chrome | |
| ELECTRICAL: | | |
| Alternator | 90 Amp | |
| Battery | 80 Amp hours with Run Down Protection | |