

PVW132TOUa
ISSUE: 1 APRIL 2006
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THE TOUAREG.

TOUAREG, SE, ALTITUDE – 2.5 LITRE TDI 174 PS. TECHNICAL SPECIFICATION.

| ENGINE | |
|---|--|
| Engine type | Five cylinder diesel |
| Cubic capacity, ltrs/cc | 2.5/2460 |
| Bore/stroke, mm | 81.0/95.5 |
| Max. output, PS ⁽⁰¹⁾ /kW at rpm | 174/128 3500 |
| Max. torque, lbs.ft/Nm at rpm | 295/400 2000 |
| Compression ratio | 18.0 : 1 |
| Gearbox | Six speed manual Six speed auto tiptronic |
| Alternator, A | 150 - 190 |
| Battery, A (Ah) | 380 (80) |
| Reduction gear, l | 2.66 |

| WEIGHTS, KGS | |
|--------------------------------------|-------------|
| Unladen weight ⁽⁰²⁾ | 2510 (2510) |
| Gross vehicle weight ⁽⁰²⁾ | 2850 |
| Payload ⁽⁰²⁾ | 415 (415) |
| Axle load limit: Front | 1425 |
| Rear | 1570 |

| TRAILER LOAD LIMITS, KGS ⁽⁰³⁾ | |
|--|------|
| Braked 12% incline | 3500 |
| Unbraked | 750 |
| Nose weight | 140 |
| Roof weight | 100 |

| INTERIOR DIMENSIONS | |
|---|------------|
| Effective front head room, mm (sunroof) | 1008 (984) |
| Effective rear head room, mm (sunroof) | 987 (982) |
| Front elbow width, mm | 1504 |
| Rear elbow width, mm | 1505 |

| |
|--|
| Five cylinder diesel |
| 2.5/2460 |
| 81.0/95.5 |
| 174/128 3500 |
| 295/400 2000 |
| 18.0 : 1 |
| Six speed manual Six speed auto tiptronic |
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| |
|-------------|
| 2510 (2510) |
| 2850 |
| 415 (415) |
| 1425 |
| 1570 |

| |
|------|
| 3500 |
| 750 |
| 140 |
| 100 |

| |
|------------|
| 1008 (984) |
| 987 (982) |
| 1504 |
| 1505 |

| PERFORMANCE | |
|---|-----------|
| Top speed, mph (km/h) – where law permits | |
| With manual gearbox steel spring | 114 (184) |
| With manual gearbox air spring | 117 (189) |
| With automatic gearbox steel spring | 111 (179) |
| With automatic gearbox air spring | 114 (184) |
| Acceleration, seconds 0 - 62 mph | |
| With manual gearbox | 12.4 |
| With automatic gearbox | 12.9 |
| ABI insurance group | 15 |

| ENVIRONMENTAL INFORMATION | |
|---|------------------------------|
| Fuel grade, minimum | Diesel 51 CN ⁽⁰⁴⁾ |
| Official fuel consumption, mpg/ltr per 100 km ⁽⁰⁶⁾ | |
| Urban | 21.4/13.2 (20.8/13.6) |
| Extra-urban | 36.2/7.8 (34.9/8.1) |
| Combined | 28.8/9.8 (28.0/10.1) |
| Official CO ₂ emission, g/km ⁽⁰⁷⁾ | 265 (273) |
| Emission class – manual gearbox | EURO 3 |
| Emission class – automatic gearbox | EURO 3 |
| Noise, dB – manual gearbox | 76 |
| Noise, dB – automatic gearbox | 74 |

| MAXIMUM LUGGAGE CAPACITY, LITRES (VDA measuring method using 200 x 100 x 50 mm blocks) | |
|---|-----|
| Capacity | 555 |

| EXTERIOR DIMENSIONS | |
|----------------------------|-----------|
| Length, mm | 4754 |
| Width, mm | 1928 |
| Height, mm | 1726 |
| Wheelbase, mm | 2855 |
| Front/rear track width, mm | 1658/1670 |

- 01 The maximum power output figures are quoted in PS (or Pferdestärke, which is the metric equivalent of horsepower). To convert from metric to imperial horsepower, divide the PS figure by 1.0139. For example, 240 PS is equivalent to 237 bhp.
- 02 Figures are calculated in accordance with manufacturer's criteria. Vehicle unladen weight ranges with 90% tank capacity without driver (75 kg). The individual unladen weight depends on the specification of the vehicle, this then reduces the possible payload accordingly. Figures in () refer to automatic gearboxes.
- 03 With increasing altitude the engine performance diminishes. From 1,000 m above sea level and for every 1,000 m thereafter 10% of the vehicle/trailer weight (trailer weight + gross vehicle weight) must be deducted.
- 04 The use of bio diesel according to DIN 51606 is possible to about -10°C.
- 05 Thanks to the knock control, unleaded four star (at least 95 RON) can be used instead of unleaded Super plus.
- 06 Official fuel consumption according to EU Directive 99/94. Figures in () refer to automatic gearboxes. The consumption calculation according to 1999/100/EC is based on the actual unladen weight of the vehicle. Additional specifications can lead to a higher weight class and hence to consumption figures of this higher weight class. The driving style, road and traffic conditions, environmental influences and vehicle condition can in practice lead to consumption figures, which may differ from those calculated with this standard.
- 07 The weight of a vehicle will influence the level of CO₂ emission it produces; as a result, vehicles with higher levels of specification and factory-fitted options may emit higher levels of CO₂. The CO₂ figure quoted for each vehicle is the maximum possible. The unladen weight of the vehicle is calculated by range at the time of manufacture and the maximum possible CO₂ emission for that weight range is applied according to the Council Directive 80/1268EEC as amended by Commission Directive 1999/100/EC on the approximation of the laws of the member states relating to the carbon dioxide emissions and the fuel consumption of motor vehicles. Figures in () refer to automatic gearboxes.

SE, ALTITUDE – 3.6 LITRE V6 280 PS. TECHNICAL SPECIFICATION.

| ENGINE | |
|---|--------------------------|
| Engine type | Six cylinder petrol |
| Cubic capacity, ltrs/cc | 3.6/3597 |
| Bore/stroke, mm | 89.0/96.4 |
| Max. output, PS ⁽⁰¹⁾ /kW at rpm | 280/206 6200 |
| Max. torque, lbs.ft/Nm at rpm | 265/360 2500-5000 |
| Compression ratio | 12.0 : 1 |
| Gearbox | Six speed auto tiptronic |
| Alternator, A | 190 |
| Battery, A (Ah) | 380 (80) |
| Reduction gear, l | 2.66 |

| WEIGHTS, KGS | |
|--------------------------------------|--------|
| Unladen weight ⁽⁰²⁾ | (2484) |
| Gross vehicle weight ⁽⁰²⁾ | (2945) |
| Payload ⁽⁰²⁾ | (461) |
| Axle load limit: Front | 1415 |
| Rear | 1610 |

| TRAILER LOAD LIMITS, KGS ⁽⁰³⁾ | |
|--|------|
| Braked 12% incline | 3500 |
| Unbraked | 750 |
| Nose weight | 140 |
| Roof weight | 100 |

| INTERIOR DIMENSIONS | |
|---|------------|
| Effective front head room, mm (sunroof) | 1008 (984) |
| Effective rear head room, mm (sunroof) | 987 (982) |
| Front elbow width, mm | 1504 |
| Rear elbow width, mm | 1505 |

| PERFORMANCE | |
|---|-----------|
| Top speed, mph (km/h) – where law permits | |
| With manual gearbox steel spring | – |
| With manual gearbox air spring | – |
| With automatic gearbox steel spring | 133 (215) |
| With automatic gearbox air spring | 135 (218) |
| Acceleration, seconds 0 - 62 mph | |
| With manual gearbox | – |
| With automatic gearbox | 8.7 |
| ABI insurance group | 17 |

| ENVIRONMENTAL INFORMATION | |
|---|---------------------------------|
| Fuel grade, minimum | Unleaded 95 RON ⁽⁰⁵⁾ |
| Official fuel consumption, mpg/ltr per 100 km ⁽⁰⁶⁾ | |
| Urban | (14.5/19.4) |
| Extra-urban | (26.6/10.6) |
| Combined | (20.5/13.8) |
| Official CO ₂ emission, g/km ⁽⁰⁷⁾ | (331) |
| Emission class – manual gearbox | – |
| Emission class – automatic gearbox | EURO 4 |
| Noise, dB – manual gearbox | – |
| Noise, dB – automatic gearbox | TBA |

| MAXIMUM LUGGAGE CAPACITY, LITRES (VDA measuring method using 200 x 100 x 50 mm blocks) | |
|---|-----|
| Capacity | 555 |

| EXTERIOR DIMENSIONS | |
|----------------------------|-----------|
| Length, mm | 4754 |
| Width, mm | 1928 |
| Height, mm | 1726 |
| Wheelbase, mm | 2855 |
| Front/rear track width, mm | 1655/1670 |

- 01 The maximum power output figures are quoted in PS (or Pferdestärke, which is the metric equivalent of horsepower). To convert from metric to imperial horsepower, divide the PS figure by 1.0139. For example, 240 PS is equivalent to 237 bhp.
- 02 Figures are calculated in accordance with manufacturer's criteria. Vehicle unladen weight ranges with 90% tank capacity without driver (75 kg). The individual unladen weight depends on the specification of the vehicle, this then reduces the possible payload accordingly. Figures in () refer to automatic gearboxes.
- 03 With increasing altitude the engine performance diminishes. From 1,000 m above sea level and for every 1,000 m thereafter 10% of the vehicle/trailer weight (trailer weight + gross vehicle weight) must be deducted.
- 04 The use of bio diesel according to DIN 51606 is possible to about -10°C.
- 05 Thanks to the knock control, unleaded four star (at least 95 RON) can be used instead of unleaded Super plus.
- 06 Official fuel consumption according to EU Directive 99/94. Figures in () refer to automatic gearboxes. The consumption calculation according to 1999/100/EC is based on the actual unladen weight of the vehicle. Additional specifications can lead to a higher weight class and hence to consumption figures of this higher weight class. The driving style, road and traffic conditions, environmental influences and vehicle condition can in practice lead to consumption figures, which may differ from those calculated with this standard.
- 07 The weight of a vehicle will influence the level of CO₂ emission it produces; as a result, vehicles with higher levels of specification and factory-fitted options may emit higher levels of CO₂. The CO₂ figure quoted for each vehicle is the maximum possible. The unladen weight of the vehicle is calculated by range at the time of manufacture and the maximum possible CO₂ emission for that weight range is applied according to the Council Directive 80/1268EEC as amended by Commission Directive 1999/100/EC on the approximation of the laws of the member states relating to the carbon dioxide emissions and the fuel consumption of motor vehicles. Figures in () refer to automatic gearboxes.

TOUAREG, SE, ALTITUDE – 3.0 LITRE V6 TDI 225 PS. TECHNICAL SPECIFICATION.

| ENGINE | |
|---|--------------------------|
| Engine type | Six cylinder diesel |
| Cubic capacity, ltrs/cc | 3.0/2967 |
| Bore/stroke, mm | 83.0/91.4 |
| Max. output, PS ⁽⁰¹⁾ /kW at rpm | 225/165 4000 |
| Max. torque, lbs.ft/Nm at rpm | 369/500 1750 |
| Compression ratio | 17.0 : 1 |
| Gearbox | Six speed auto tiptronic |
| Alternator, A | 190 |
| Battery, A (Ah) | 450 (95) |
| Reduction gear, l | 2.66 |

| WEIGHTS, KGS | |
|--------------------------------------|--------|
| Unladen weight ⁽⁰²⁾ | (2530) |
| Gross vehicle weight ⁽⁰²⁾ | (2945) |
| Payload ⁽⁰²⁾ | (415) |
| Axle load limit: Front | 1460 |
| Rear | 1610 |

| TRAILER LOAD LIMITS, KGS ⁽⁰³⁾ | |
|--|------|
| Braked 12% incline | 3500 |
| Unbraked | 750 |
| Nose weight | 140 |
| Roof weight | 100 |

| INTERIOR DIMENSIONS | |
|---|------------|
| Effective front head room, mm (sunroof) | 1008 (984) |
| Effective rear head room, mm (sunroof) | 987 (982) |
| Front elbow width, mm | 1504 |
| Rear elbow width, mm | 1505 |

| PERFORMANCE | |
|---|-----------|
| Top speed, mph (km/h) – where law permits | |
| With manual gearbox steel spring | – |
| With manual gearbox air spring | – |
| With automatic gearbox steel spring | 125 (201) |
| With automatic gearbox air spring | 127 (205) |
| Acceleration, seconds 0 - 62 mph | |
| With manual gearbox | – |
| With automatic gearbox | 9.9 |
| ABI insurance group | TBA |

| ENVIRONMENTAL INFORMATION | |
|---|------------------------------|
| Fuel grade, minimum | Diesel 51 CN ⁽⁰⁴⁾ |
| Official fuel consumption, mpg/ltr per 100 km ⁽⁰⁶⁾ | |
| Urban | (19.3/14.6) |
| Extra-urban | (32.5/8.7) |
| Combined | (25.9/10.9) |
| Official CO ₂ emission, g/km ⁽⁰⁷⁾ | (287) |
| Emission class – manual gearbox | – |
| Emission class – automatic gearbox | EURO 4 |
| Noise, dB – manual gearbox | – |
| Noise, dB – automatic gearbox | 73 |

| MAXIMUM LUGGAGE CAPACITY, LITRES (VDA measuring method using 200 x 100 x 50 mm blocks) | |
|---|-----|
| Capacity | 555 |

| EXTERIOR DIMENSIONS | |
|----------------------------|-----------|
| Length, mm | 4754 |
| Width, mm | 1928 |
| Height, mm | 1726 |
| Wheelbase, mm | 2855 |
| Front/rear track width, mm | 1655/1670 |

- 01 The maximum power output figures are quoted in PS (or Pferdestärke, which is the metric equivalent of horsepower). To convert from metric to imperial horsepower, divide the PS figure by 1.0139. For example, 240 PS is equivalent to 237 bhp.
- 02 Figures are calculated in accordance with manufacturer's criteria. Vehicle unladen weight ranges with 90% tank capacity without driver (75 kg). The individual unladen weight depends on the specification of the vehicle, this then reduces the possible payload accordingly. Figures in () refer to automatic gearboxes.
- 03 With increasing altitude the engine performance diminishes. From 1,000 m above sea level and for every 1,000 m thereafter 10% of the vehicle/trailer weight (trailer weight + gross vehicle weight) must be deducted.
- 04 The use of bio diesel according to DIN 51606 is possible to about -10°C.
- 05 Thanks to the knock control, unleaded four star (at least 95 RON) can be used instead of unleaded Super plus.
- 06 Official fuel consumption according to EU Directive 99/94. Figures in () refer to automatic gearboxes. The consumption calculation according to 1999/100/EC is based on the actual unladen weight of the vehicle. Additional specifications can lead to a higher weight class and hence to consumption figures of this higher weight class. The driving style, road and traffic conditions, environmental influences and vehicle condition can in practice lead to consumption figures, which may differ from those calculated with this standard.
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SE, ALTITUDE – 5.0 LITRE V10 TDI 313 PS. TECHNICAL SPECIFICATION.

| ENGINE | |
|---|--------------------------|
| Engine type | 10 cylinder diesel |
| Cubic capacity, ltrs/cc | 5.0/4921 |
| Bore/stroke, mm | 81.0/95.5 |
| Max. output, PS ⁽⁰¹⁾ /kW at rpm | 313/230 3750 |
| Max. torque, lbs.ft/Nm at rpm | 553/750 2000 |
| Compression ratio | 18.5 : 1 |
| Gearbox | Six speed auto tiptronic |
| Alternator, A | 190 |
| Battery, A (Ah) | 480 (85) and 520 (110) |
| Reduction gear, l | 2.66 |

| WEIGHTS, KGS | |
|--------------------------------------|--------|
| Unladen weight ⁽⁰²⁾ | (2685) |
| Gross vehicle weight ⁽⁰²⁾ | (3100) |
| Payload ⁽⁰²⁾ | (415) |
| Axle load limit: Front | 1565 |
| Rear | 1650 |

| TRAILER LOAD LIMITS, KGS ⁽⁰³⁾ | |
|--|------|
| Braked 12% incline | 3500 |
| Unbraked | 750 |
| Nose weight | 140 |
| Roof weight | 100 |

| INTERIOR DIMENSIONS | |
|---|------------|
| Effective front head room, mm (sunroof) | 1008 (984) |
| Effective rear head room, mm (sunroof) | 987 (982) |
| Front elbow width, mm | 1504 |
| Rear elbow width, mm | 1505 |

| |
|--------------------------|
| 10 cylinder diesel |
| 5.0/4921 |
| 81.0/95.5 |
| 313/230 3750 |
| 553/750 2000 |
| 18.5 : 1 |
| Six speed auto tiptronic |
| 190 |
| 480 (85) and 520 (110) |
| 2.66 |

| |
|--------|
| (2685) |
| (3100) |
| (415) |
| 1565 |
| 1650 |

| |
|------|
| 3500 |
| 750 |
| 140 |
| 100 |

| |
|------------|
| 1008 (984) |
| 987 (982) |
| 1504 |
| 1505 |

| PERFORMANCE | |
|---|-----------|
| Top speed, mph (km/h) – where law permits | |
| With manual gearbox steel spring | – |
| With manual gearbox air spring | – |
| With automatic gearbox steel spring | – |
| With automatic gearbox air spring | 140 (225) |
| Acceleration, seconds 0 - 62 mph | |
| With manual gearbox | – |
| With automatic gearbox | 7.8 |
| ABI insurance group | 19 |

| ENVIRONMENTAL INFORMATION | |
|---|------------------------------|
| Fuel grade, minimum | Diesel 51 CN ⁽⁰⁴⁾ |
| Official fuel consumption, mpg/ltr per 100 km ⁽⁰⁶⁾ | |
| Urban | (16.5/17.1) |
| Extra-urban | (28.8/9.8) |
| Combined | (23.0/12.3) |
| Official CO ₂ emission, g/km ⁽⁰⁷⁾ | (332) |
| Emission class – manual gearbox | – |
| Emission class – automatic gearbox | EURO 3 |
| Noise, dB – manual gearbox | – |
| Noise, dB – automatic gearbox | 72 |

| MAXIMUM LUGGAGE CAPACITY, LITRES (VDA measuring method using 200 x 100 x 50 mm blocks) | |
|---|-----|
| Capacity | 500 |

| EXTERIOR DIMENSIONS | |
|----------------------------|-----------|
| Length, mm | 4754 |
| Width, mm | 1928 |
| Height, mm | (1703) |
| Wheelbase, mm | 2855 |
| Front/rear track width, mm | 1645/1657 |

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- 02 Figures are calculated in accordance with manufacturer's criteria. Vehicle unladen weight ranges with 90% tank capacity without driver (75 kg). The individual unladen weight depends on the specification of the vehicle, this then reduces the possible payload accordingly. Figures in () refer to automatic gearboxes.
- 03 With increasing altitude the engine performance diminishes. From 1,000 m above sea level and for every 1,000 m thereafter 10% of the vehicle/trailer weight (trailer weight + gross vehicle weight) must be deducted.
- 04 The use of bio diesel according to DIN 51606 is possible to about -10°C.
- 05 Thanks to the knock control, unleaded four star (at least 95 RON) can be used instead of unleaded Super plus.
- 06 Official fuel consumption according to EU Directive 99/94. Figures in () refer to automatic gearboxes. The consumption calculation according to 1999/100/EC is based on the actual unladen weight of the vehicle. Additional specifications can lead to a higher weight class and hence to consumption figures of this higher weight class. The driving style, road and traffic conditions, environmental influences and vehicle condition can in practice lead to consumption figures, which may differ from those calculated with this standard.
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THE TECHNOLOGY.

ENGINES

- 2.5 litre TDI/128 kW (174 PS⁽⁰¹⁾) diesel engine.
Five cylinder in-line engine, two valves per cylinder utilising crossflow principle, aluminium cylinder crankcase with plasma coated bores, 'Pumpe Düse' high pressure injection system, variable vane turbocharger, electronic accelerator engine control
- 3.6 litre/206 kW (280 PS⁽⁰¹⁾) V6 petrol engine.
Six cylinder 'V' engine, four valves per cylinder, electronic direct injection (FSI), grey cast iron cylinder crankcase, cylinder angle 10.6° in VR design, bore 89 mm, stroke 96.4 mm, connecting rod length 164 mm, cylinder distance 64 mm, valve drive via roller rocker arms, continuous inlet and exhaust camshaft adjustment, single spark ignition, electronic accelerator engine control
- 3.0 litre TDI/165 kW (225 PS⁽⁰¹⁾) V6 diesel engine.
Six cylinder 'V' engine, four valves per cylinder, two overhead camshafts per cylinder bank, turbocharger with variable turbine geometry, valve drive via roller valve levers, injection system of the third generation with Piezo inline injectors and 1,600 bar injection pressure, diesel particle filter
- 5.0 litre TDI/230 kW (313 PS⁽⁰¹⁾) V10 diesel engine.
10 cylinder 'V' engine, aluminium cylinder crankcase, 'Pumpe Düse' high pressure injection system, twin turbochargers with electronic boost adjustment, bore 81 mm, stroke 95.5 mm, connecting rod length 144 mm, cylinder distance 88 mm, compression 18.5 : 1, engine management with master-slave principle

NOTES

- 01 The maximum power output figures are quoted in PS (or Pferdestärke, which is the metric equivalent of horsepower).
To convert from metric to imperial horsepower, divide the PS figure by 1.0139. For example, 240 PS is equivalent to 237 bhp.

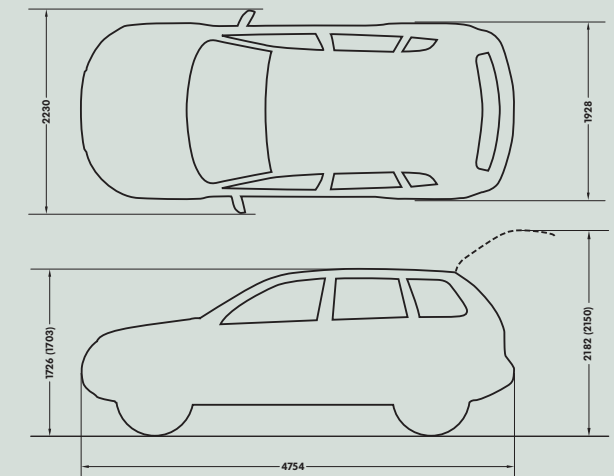
TRANSMISSION

- Permanent four wheel drive, central differential with electronically controlled friction-disc lock and low range gearing, four wheel EDL
- 2.5 TDI: Six speed manual gearbox
Six speed automatic tiptronic gearbox
- V6: Six speed automatic tiptronic gearbox
- V6 TDI: Six speed automatic tiptronic gearbox
- V10 TDI: Six speed automatic tiptronic gearbox

RUNNING GEAR

- Front and rear independent suspension on double wishbones with acoustically insulated subframes
- Front and rear anti-roll bar

EXTERIOR DIMENSIONS



All figures in millimetres