

Model year:	2006
Date:	08/2005
Engine data	
Engine:	1.3 CDTI ECOTEC
Engine, location:	front, transverse in front of axle, 7° 50' forward inclined
Cooling system:	with liquid, sealed circuit
Cylinders, number:	4
Bore (mm):	69.6
Stroke (mm):	82
Displacement (cc):	1248
Compression ratio:	18:1
Engine, type:	in line; 5 main bearings
Cylinder block/head, material:	cast iron/aluminium alloy
Camshaft(s), location:	2 overhead (DOHC), driven by chain
Valve train:	indirect roller cam followers, hydraulic tappets
Valve, arrangement:	parallel; 4 per cylinder
Valve adjustment:	automatic - hydraulic
Fuel system:	diesel direct injection, common rail
Fuel pump:	mechanical
Emission control system:	2-way cat. conv., exhaust gas recirculation
Charger system:	turbo with intercooler
Output (kW/hp CEE at 1/min):	66/90 at 4000
Specific power (kW/l; hp/l):	52.9; 72.1
Max. torque (Nm at 1/min):	200 at 1750-2500
Specific torque (Nm/liter):	160.3
Mean effective pressure at max. power/max. torque (kPa):	1586.5/2014.7
Average piston speed (m/s):	10.9
Engine oil, capacity (l):	3.5
Cooling capacity (l):	5.6
Battery 12 V, capacity (Ah):	60
Alternator 14.2 V, capacity (W):	994
Transmission	
Drive axle:	front wheel drive
Transmission, type:	6-speed manual
Gear ratios:	1st ratio: 4.27 2nd ratio: 2.16 3rd ratio: 1.3 4th ratio: 0.96 5th ratio: 0.74 6th ratio: 0.61 reverse ratio: 3.82 final drive ratio: 3.72
Clutch, type:	dry single plate
Body	
Seats:	5
Drag coefficient (c _D):	0.31*
Frontal area (A in m ²):	2.08
Index (c _w xA):	0.65*
IDS chassis	
Wheel suspension front:	independent, wishbone on closed subframe, McPherson struts, twin tube gas pressure shock absorbers
Wheel suspension rear:	compound link suspension, torsion tube design with 2 control arms miniblock coil springs
Anti roll bar:	twin tube gas pressure shock absorbers front

Brakes	
Brake circuits:	2, diagonal
Brakes front, diameter (mm):	ventilated disc, 280
Brakes rear, diameter (mm):	solid disc, 264
ABS:	standard equipment
TC Plus:	standard equipment
ESP Plus:	standard equipment
Weights and dimensions	
Length (mm):	4515
Width (mm):	1794
Height (mm):	1500
Wheelbase (mm):	2703
Track front/rear (mm):	1488/1488
Luggage capacity (l) ECIE:	500(max. 540)-max. 1590 (with tire repair kit)
Opening luggage compartment to ground (mm):	591
Cargo-area length (mm):	1085(max. 1122)-max. 1819
Cargo-area width (mm):	1088
Cargo-area height (mm):	862
Rim width (inch)(mm)/tire size:	6.5Jx15/195/65 R15 H
Turning clearance circle/turning circle (m):	11.10/10.85
Steer. wheel turns lock/lock:	2.7
Steering, ratio:	electr.-hydr. power steering, 15
Steering wheel outside diameter (mm):	370
Kerb weight/max. allowable weight/additional load (kg):	1380/1905/525
Power to weight ratio (kg/kW; kg/hp)(empty):	20.9; 15.3
Max. axle load front/rear (kg):	880/940
Trailer load braked/unbraked (kg):	1300/690
Trailer hook weight/roof load (kg):	75/100
Fuel tank capacity (l), location:	52, under luggage compartment
Performance	
Top speed (km/h)*:	172
Acceleration 0-100 km/h (sec)*:	14.1
Acc. 80-120 km/h in 5th gear (sec)*:	19.5
Pass-by noise (dBA):	72
Fuel:	Diesel
Fuel consumption (liter/100 km):	Measured according to EU guideline 99/100/EU. Additional equipment can lead to increased consumption and CO ₂ values.
	urban: 6.2
	extra-urban: 4.0
	total: 4.8
CO ₂ emission (g/km):	130
Emission class:	Euro 4
Maintenance	
Service intervals:	General inspection after 24 months or 60.000 km; interim service with oil exchange after 12 months or 30.000 km
* Basic model	
* Kerb weight (70156 EEC) and 125 kg payload	
Specifications may differ outside Germany	

Model year:	2006
Date:	08/2005
Engine data	
Engine:	1.4 TWINPORT ECOTEC
Engine, location:	front, transverse in front of axle, 7° 50' forward inclined
Cooling system:	with liquid, sealed circuit
Cylinders, number:	4
Bore (mm):	73.4
Stroke (mm):	80.6
Displacement (cc):	1364
Compression ratio:	10.5:1
Engine, type:	in line; 5 main bearings
Cylinder block/head, material:	cast iron/aluminum
Camshaft(s), location:	2 overhead (DOHC),
Valve train:	indirect roller cam followers, hydraulic tappets
Valve, arrangement:	v; 4 per cylinder
Valve adjustment:	hydraulic
Fuel system:	sequential multi point fuel injection
Ignition system:	electr. ignition map (EST) + knock sensor
Fuel pump:	electric, in tank
Emission control system:	3-way cat. conv. with 2 oxygen sensors
Output (kW/hp CEE at 1/min):	66/90 at 5600
Specific power (kW/l; hp/l):	48.4; 66.0
Max. torque (Nm at 1/min):	125 at 4000
Specific torque (Nm/liter):	91.6
Mean effective pressure at max. power/max. torque (kPa):	1036.9/1152.1
Average piston speed (m/s):	15.0
Engine oil, capacity (l):	3.5
Cooling capacity (l):	5.6
Battery 12 V, capacity (Ah):	44
Alternator 14.2 V, capacity (W):	994
Transmission	
Drive axle:	front wheel drive
Transmission, type:	5-speed manual
Gear ratios:	1st ratio: 3.73 2nd ratio: 2.14 3rd ratio: 1.41 4th ratio: 1.12 5th ratio: 0.89 reverse ratio: 3.31 final drive ratio: 4.18
Clutch, type:	dry single plate
Body	
Seats:	5
Drag coefficient (c _D):	0.31*
Frontal area (A in m ²):	2.08
Index (c _w xA):	0.65*
IDS chassis	
Wheel suspension front:	independent, wishbone on closed subframe, McPherson struts, twin tube gas pressure shock absorbers
Wheel suspension rear:	compound link suspension, torsion tube design with 2 control arms miniblock coil springs
	twin tube gas pressure shock absorbers
Anti roll bar:	front

Brakes

Brake circuits:	2, diagonal
Brakes front, diameter (mm):	ventilated disc, 280
Brakes rear, diameter (mm):	solid disc, 264
ABS:	standard equipment
TC Plus:	standard equipment
ESP Plus:	standard equipment

Weights and dimensions

Length (mm):	4515
Width (mm):	1794
Height (mm):	1500
Wheelbase (mm):	2703
Track front/rear (mm):	1488/1488
Luggage capacity (l) ECIE:	500(max. 540)-max. 1590 (with tire repair kit)
Opening luggage compartment to ground (mm):	591
Cargo-area length (mm):	1085(max. 1122)-max. 1819
Cargo-area width (mm):	1088
Cargo-area height (mm):	862
Rim width (inch)(mm)/tire size:	6.5Jx15/195/65 R15 H
Turning clearance circle/turning circle (m):	11.10/10.85
Steer. wheel turns lock/lock:	2.7
Steering, ratio:	electr.-hydr. power steering, 15
Steering wheel outside diameter (mm):	370
Kerb weight/max. allowable weight/additional load (kg):	1280/1805/525
Power to weight ratio (kg/kW; kg/hp)(empty):	19.4; 14.2
Max. axle load front/rear (kg):	880/940
Trailer load braked/unbraked (kg):	900/640
Trailer hook weight/roof load (kg):	75/100
Fuel tank capacity (l), location:	52, under luggage compartment

Performance

Top speed (km/h)*:	178
Acceleration 0-100 km/h (sec)*:	14.1
Acc. 80-120 km/h in 5th gear (sec)*:	19.5
Pass-by noise (dBA):	71
Fuel:	unleaded premium 95 RON
Fuel consumption (liter/100 km):	Measured according to EU guideline 99/100/EU. Additional equipment can lead to increased consumption and CO ₂ values.
	urban: 8.2 - 8.4
	extra-urban: 5.2 - 5.4
	total: 6.3 - 6.5
CO ₂ emission (g/km):	151 - 156
Emission class:	Euro 4

Maintenance

Service intervals:	General inspection after 24 months or 60.000 km; interim service with oil exchange after 12 months or 30.000 km
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* Basic model

* Kerb weight (70156 EEC) and 125 kg payload

Specifications may differ outside Germany

Model year:	2006
Date:	08/2005
Engine data	
Engine:	1.6 TWINPORT ECOTEC
Engine, location:	front, transverse in front of axle, 7° 50' forward inclined
Cooling system:	with liquid, sealed circuit
Cylinders, number:	4
Bore (mm):	79
Stroke (mm):	81.5
Displacement (cc):	1598
Compression ratio:	10.5:1
Engine, type:	in line; 5 main bearings
Cylinder block/head, material:	cast iron/aluminum
Camshaft(s), location:	2 overhead (DOHC), driven by toothed belt
Valve train:	direct, bucket tappets
Valve, arrangement:	v; 4 per cylinder
Valve adjustment:	mechanical
Fuel system:	sequential multi point fuel injection
Ignition system:	electr. ignition map (EST) + knock sensor
Fuel pump:	electric, in tank
Emission control system:	3-way cat. conv. with 2 oxygen sensors
Output (kW/hp CEE at 1/min):	77/105 at 6000
Specific power (kW/l; hp/l):	48.2; 65.7
Max. torque (Nm at 1/min):	150 at 3900
Specific torque (Nm/liter):	93.9
Mean effective pressure at max. power/max. torque (kPa):	963.7/1180.1
Average piston speed (m/s):	16.3
Engine oil, capacity (l):	4
Cooling capacity (l):	5.9
Battery 12 V, capacity (Ah):	55
Alternator 14.2 V, capacity (W):	1420
Transmission	
Drive axle:	front wheel drive
Transmission, type:	5-speed manual
Gear ratios:	1st ratio: 3.73 2nd ratio: 2.14 3rd ratio: 1.41 4th ratio: 1.12 5th ratio: 0.89 reverse ratio: 3.31 final drive ratio: 3.94
Clutch, type:	dry single plate
Body	
Seats:	5
Drag coefficient (c _d):	0.31*
Frontal area (A in m ²):	2.08
Index (c _w xA):	0.65*
IDS chassis	
Wheel suspension front:	independent, wishbone on closed subframe, McPherson struts, twin tube gas pressure shock absorbers
Wheel suspension rear:	compound link suspension, torsion tube design with 2 control arms miniblock coil springs
Anti roll bar:	twin tube gas pressure shock absorbers front

Brakes

Brake circuits:	2, diagonal
Brakes front, diameter (mm):	ventilated disc, 280
Brakes rear, diameter (mm):	solid disc, 264
ABS:	standard equipment
TC Plus:	standard equipment
ESP Plus:	standard equipment

Weights and dimensions

Length (mm):	4515
Width (mm):	1794
Height (mm):	1500
Wheelbase (mm):	2703
Track front/rear (mm):	1488/1488
Luggage capacity (l) ECIE:	500(max. 540)-max. 1590 (with tire repair kit)
Opening luggage compartment to ground (mm):	591
Cargo-area length (mm):	1085(max. 1122)-max. 1819
Cargo-area width (mm):	1088
Cargo-area height (mm):	862
Rim width (inch)(mm)/tire size:	6.5Jx15/195/65 R15 H
Turning clearance circle/turning circle (m):	11.10/10.85
Steer. wheel turns lock/lock:	2.7
Steering, ratio:	electr.-hydr. power steering, 15
Steering wheel outside diameter (mm):	370
Kerb weight/max. allowable weight/additional load (kg):	1315/1840/525
Power to weight ratio (kg/kW; kg/hp)(empty):	17.1; 12.5
Max. axle load front/rear (kg):	920/940
Trailer load braked/unbraked (kg):	1100/650
Trailer hook weight/roof load (kg):	75/100
Fuel tank capacity (l), location:	52, under luggage compartment

Performance

Top speed (km/h)*:	185
Acceleration 0-100 km/h (sec)*:	12.7
Acc. 80-120 km/h in 5th gear (sec)*:	16.9
Pass-by noise (dBA):	71
Fuel:	unleaded premium 95 RON
Fuel consumption (liter/100 km):	Measured according to EU guideline 99/100/EU. Additional equipment can lead to increased consumption and CO ₂ values.
	urban: 8.7 - 8.9
	extra-urban: 5.5 - 5.7
	total: 6.7 - 6.9
CO ₂ emission (g/km):	161 - 166
Emission class:	Euro 4

Maintenance

Service intervals:	General inspection after 24 months or 60.000 km; interim service with oil exchange after 12 months or 30.000 km
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* Basic model

* Kerb weight (70156 EEC) and 125 kg payload

Specifications may differ outside Germany

Model year: 2006
Date: 08/2005

Engine data

Engine: 1.6 TWINPORT ECOTEC
Engine, location: front, transverse in front of axle, 7° 50' forward inclined
Cooling system: with liquid, sealed circuit
Cylinders, number: 4
Bore (mm): 79
Stroke (mm): 81.5
Displacement (cc): 1598
Compression ratio: 10.5:1
Engine, type: in line; 5 main bearings
Cylinder block/head, material: cast iron/aluminum
Camshaft(s), location: 2 overhead (DOHC), driven by toothed belt
Valve train: direct, bucket tappets
Valve, arrangement: v; 4 per cylinder
Valve adjustment: mechanical
Fuel system: sequential multi point fuel injection
Ignition system: electr. ignition map (EST) + knock sensor
Fuel pump: electric, in tank
Emission control system: 3-way cat. conv. with 2 oxygen sensors
Output (kW/hp CEE at 1/min): 77/105 at 6000
Specific power (kW/l; hp/l): 48.2; 65.7
Max. torque (Nm at 1/min): 150 at 3900
Specific torque (Nm/liter): 93.9
Mean effective pressure at max. power/max. torque (kPa): 963.7/1180.1
Average piston speed (m/s): 16.3
Engine oil, capacity (l): 4
Cooling capacity (l): 5.9
Battery 12 V, capacity (Ah): 55
Alternator 14.2 V, capacity (W): 1420

Transmission

Drive axle: front wheel drive
Transmission, type: Easytronic, automated manual transmission
Gear ratios: 1st ratio: 3.73 2nd ratio: 1.96 3rd ratio: 1.32
4th ratio: 0.95 5th ratio: 0.76
reverse ratio: 3.31 final drive ratio: 3.94
Clutch, type: single-plate clutch, electrically operated

Body

Seats: 5
Drag coefficient (c_d): 0.31*
Frontal area (A in m²): 2.08
Index (c_wxA): 0.65*

IDS chassis

Wheel suspension front: independent, wishbone on closed subframe, McPherson struts, twin tube gas pressure shock absorbers compound link suspension,
Wheel suspension rear: torsion tube design with 2 control arms miniblock coil springs twin tube gas pressure shock absorbers
Anti roll bar: front

Brakes

Brake circuits: 2, diagonal
Brakes front, diameter (mm): ventilated disc, 280
Brakes rear, diameter (mm): solid disc, 264
ABS: standard equipment
TC Plus: standard equipment
ESP Plus: standard equipment

Weights and dimensions

Length (mm): 4515
Width (mm): 1794
Height (mm): 1500
Wheelbase (mm): 2703
Track front/rear (mm): 1488/1488
Luggage capacity (l) ECIE: 500(max. 540)-max. 1590 (with tire repair kit)
Opening luggage compartment to ground (mm): 591
Cargo-area length (mm): 1085(max. 1122)-max. 1819
Cargo-area width (mm): 1088
Cargo-area height (mm): 862
Rim width (inch)(mm)/tire size: 6.5Jx15/195/65 R15 H
Turning clearance circle/turning circle (m): 11.10/10.85
Steer. wheel turns lock/lock: 2.7
Steering, ratio: electr.-hydr. power steering, 15
Steering wheel outside diameter (mm): 370
Kerb weight/max. allowable weight/additional load (kg): 1315/1840/525
Power to weight ratio (kg/kW; kg/hp)(empty): 17.1; 12.5
Max. axle load front/rear (kg): 920/940
Trailer load braked/unbraked (kg): 1100/650
Trailer hook weight/roof load (kg): 75/100
Fuel tank capacity (l), location: 52, under luggage compartment

Performance

Top speed (km/h)*: 185
Acceleration 0-100 km/h (sec)*: 13.7
Pass-by noise (dBA): 71
Fuel: unleaded premium 95 RON
Fuel consumption (liter/100 km): Measured according to EU guideline 99/100/EU.
Additional equipment can lead to increased consumption and CO₂ values.
urban: 8.6 - 8.8
extra-urban: 5.4 - 5.6
total: 6.6 - 6.8
CO₂ emission (g/km): 158 - 163
Emission class: Euro 4

Maintenance

Service intervals: General inspection after 24 months or 60.000 km;
interim service with oil exchange after 12 months or 30.000 km

* Basic model

* Kerb weight (70156 EEC) and 125 kg payload

Specifications may differ outside Germany

Model year: 2006
Date: 08/2005

Engine data

Engine: 1.7 CDTI ECOTEC
Engine, location: front, transverse in front of axle, 7° 50' forward inclined
Cooling system: with liquid, sealed circuit
Cylinders, number: 4
Bore (mm): 79
Stroke (mm): 86
Displacement (cc): 1686
Compression ratio: 18.4:1
Engine, type: in line; 5 main bearings
Cylinder block/head, material: cast iron/aluminum
Camshaft(s), location: 2 overhead (DOHC), driven by toothed belt
Valve train: direct, bucket tappets
Valve, arrangement: parallel; 4 per cylinder
Valve adjustment: mechanical
Fuel system: diesel direct injection, common rail
Fuel pump: mechanical
Emission control system: oxidizing catalytic converter
Charger system: turbo with intercooler
Max. boost pressure (bar): 1.0
Output (kW/hp CEE at 1/min): 59/80 at 4400
Specific power (kW/l; hp/l): 35.0; 47.4
Max. torque (Nm at 1/min): 170 at 1800-2800
Specific torque (Nm/liter): 100.8
Mean effective pressure at max. power/max. torque (kPa): 954.4/1267.6
Average piston speed (m/s): 12.6
Engine oil, capacity (l): 4.5
Cooling capacity (l): 6.8
Battery 12 V, capacity (Ah): 60
Alternator 14.2 V, capacity (W): 1420

Transmission

Drive axle: front wheel drive
Transmission, type: 5-speed manual
Gear ratios: 1st ratio: 3.73 2nd ratio: 1.96 3rd ratio: 1.31
4th ratio: 0.95 5th ratio: 0.76
reverse ratio: 3.31 final drive ratio: 3.74
dry single plate

Clutch, type:

Body

Seats: 5
Drag coefficient (c_d): 0.31*
Frontal area (A in m²): 2.08
Index ($c_w \times A$): 0.65*

IDS chassis

Wheel suspension front: independent, wishbone on closed subframe, McPherson struts, twin tube gas pressure shock absorbers
Wheel suspension rear: compound link suspension, torsion tube design with 2 control arms miniblock coil springs twin tube gas pressure shock absorbers
Anti roll bar: front

Brakes

Brake circuits: 2, diagonal
Brakes front, diameter (mm): ventilated disc, 280
Brakes rear, diameter (mm): solid disc, 264
ABS: standard equipment
TC Plus: standard equipment
ESP Plus: standard equipment

Weights and dimensions

Length (mm): 4515
Width (mm): 1794
Height (mm): 1500
Wheelbase (mm): 2703
Track front/rear (mm): 1488/1488
Luggage capacity (l) ECIE: 500(max. 540)-max. 1590 (with tire repair kit)
Opening luggage compartment to ground (mm): 591
Cargo-area length (mm): 1085(max. 1122)-max. 1819
Cargo-area width (mm): 1088
Cargo-area height (mm): 862
Rim width (inch)(mm)/tire size: 6.5Jx15/195/65 R15 H
Turning clearance circle/turning circle (m): 11.10/10.85
Steer. wheel turns lock/lock: 2.7
Steering, ratio: electr.-hydr. power steering, 15
Steering wheel outside diameter (mm): 370
Kerb weight/max. allowable weight/additional load (kg): 1380/1905/525
Power to weight ratio (kg/kW; kg/hp)(empty): 23.4; 17.3
Max. axle load front/rear (kg): 975/940
Trailer load braked/unbraked (kg): 1200/690
Trailer hook weight/roof load (kg): 75/100
Fuel tank capacity (l), location: 52, under luggage compartment

Performance

Top speed (km/h)*: 168
Acceleration 0-100 km/h (sec)*: 15.4
Acc. 80-120 km/h in 5th gear (sec)*: 19.6
Pass-by noise (dBA): 70
Fuel: Diesel
Fuel consumption (liter/100 km): Measured according to EU guideline 99/100/EU. Additional equipment can lead to increased consumption and CO₂ values .
urban: 6.3 - 6.4
extra-urban: 4.1 - 4.2
total: 4.9 - 5.0
CO₂ emission (g/km): 13 - 1352
Emission class: Euro 4

Maintenance

Service intervals: General inspection after 24 months or 60.000 km;
interim service with oil exchange after 12 months or 30.000 km

* Basic model

* Kerb weight (70156 EEC) and 125 kg payload

Specifications may differ outside Germany

Model year:	2006
Date:	08/2005
Engine data	
Engine:	1.7 CDTI ECOTEC
Engine, location:	front, transverse in front of axle, 7° 50' forward inclined
Cooling system:	with liquid, sealed circuit
Cylinders, number:	4
Bore (mm):	79
Stroke (mm):	86
Displacement (cc):	1686
Compression ratio:	18.4:1
Engine, type:	in line; 5 main bearings
Cylinder block/head, material:	cast iron/aluminum
Camshaft(s), location:	2 overhead (DOHC), driven by toothed belt
Valve train:	direct, bucket tappets
Valve, arrangement:	parallel; 4 per cylinder
Valve adjustment:	mechanical
Fuel system:	diesel direct injection, common rail
Fuel pump:	mechanical
Emission control system:	oxidizing catalytic converter
Charger system:	turbo with intercooler
Max. boost pressure (bar):	1.18
Output (kW/hp CEE at 1/min):	74/100 at 4400
Specific power (kW/l; hp/l):	43.9; 59.3
Max. torque (Nm at 1/min):	240 at 2300
Specific torque (Nm/liter):	142.3
Mean effective pressure at max. power/max. torque (kPa):	1197.0/1789.6
Average piston speed (m/s):	12.6
Engine oil, capacity (l):	5
Cooling capacity (l):	6.8
Battery 12 V, capacity (Ah):	60
Alternator 14.2 V, capacity (W):	1420
Transmission	
Drive axle:	front wheel drive
Transmission, type:	5-speed manual
Gear ratios:	1st ratio: 3.58 2nd ratio: 1.89 3rd ratio: 1.19 4th ratio: 0.85 5th ratio: 0.69 reverse ratio: 3.31 final drive ratio: 3.95 dry single plate
Clutch, type:	
Body	
Seats:	5
Drag coefficient (c _d):	0.31*
Frontal area (A in m²):	2.08
Index (c _w xA):	0.65*
IDS chassis	
Wheel suspension front:	independent, wishbone on closed subframe, McPherson struts, twin tube gas pressure shock absorbers
Wheel suspension rear:	compound link suspension, torsion tube design with 2 control arms miniblock coil springs
Anti roll bar:	twin tube gas pressure shock absorbers front

Brakes

Brake circuits:	2, diagonal
Brakes front, diameter (mm):	ventilated disc, 280
Brakes rear, diameter (mm):	solid disc, 264
ABS:	standard equipment
TC Plus:	standard equipment
ESP Plus:	standard equipment

Weights and dimensions

Length (mm):	4515
Width (mm):	1794
Height (mm):	1500
Wheelbase (mm):	2703
Track front/rear (mm):	1488/1488
Luggage capacity (l) ECIE:	500(max. 540)-max. 1590 (with tire repair kit)
Opening luggage compartment to ground (mm):	591
Cargo-area length (mm):	1085(max. 1122)-max. 1819
Cargo-area width (mm):	1088
Cargo-area height (mm):	862
Rim width (inch)(mm)/tire size:	6.5Jx15/195/65 R15 H
Turning clearance circle/turning circle (m):	11.10/10.85
Steer. wheel turns lock/lock:	2.7
Steering, ratio:	electr.-hydr. power steering, 15
Steering wheel outside diameter (mm):	370
Kerb weight/max. allowable weight/additional load (kg):	1393/1935/542
Power to weight ratio (kg/kW; kg/hp)(empty):	18.8; 13.9
Max. axle load front/rear (kg):	1010/940
Trailer load braked/unbraked (kg):	1400/690
Trailer hook weight/roof load (kg):	75/100
Fuel tank capacity (l), location:	52, under luggage compartment

Performance

Top speed (km/h)*:	180
Acceleration 0-100 km/h (sec)*:	12.5
Acc. 80-120 km/h in 5th gear (sec)*:	12.7
Pass-by noise (dBA):	70
Fuel:	Diesel
Fuel consumption (liter/100 km):	Measured according to EU guideline 99/100/EU. Additional equipment can lead to increased consumption and CO ₂ values. urban: 6.4 - 6.5 extra-urban: 4.2 - 4.3 total: 5 - 5.1
CO ₂ emission (g/km):	135 - 138
Emission class:	Euro 4

Maintenance

Service intervals:	General inspection after 24 months or 60.000 km; interim service with oil exchange after 12 months or 30.000 km
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* Basic model

* Kerb weight (70156 EEC) and 125 kg payload

Specifications may differ outside Germany

Model year:	2006
Date:	08/2005
Engine data	
Engine:	1.7 CDTI ECOTEC
Engine, location:	front, transverse in front of axle, 7° 50' forward inclined
Cooling system:	with liquid, sealed circuit
Cylinders, number:	4
Bore (mm):	79
Stroke (mm):	86
Displacement (cc):	1686
Compression ratio:	18.4:1
Engine, type:	in line; 5 main bearings
Cylinder block/head, material:	cast iron/aluminum
Camshaft(s), location:	2 overhead (DOHC), driven by toothed belt
Valve train:	direct, bucket tappets
Valve, arrangement:	parallel; 4 per cylinder
Valve adjustment:	mechanical
Fuel system:	diesel direct injection, common rail
Fuel pump:	mechanical
Emission control system:	oxidizing catalytic converter
Charger system:	turbo with intercooler
Max. boost pressure (bar):	1.18
Output (kW/hp CEE at 1/min):	74/100 at 4400
Specific power (kW/l; hp/l):	43.9; 59.3
Max. torque (Nm at 1/min):	240 at 2300
Specific torque (Nm/liter):	142.3
Mean effective pressure at max. power/max. torque (kPa):	1197.0/1789.6
Average piston speed (m/s):	12.6
Engine oil, capacity (l):	5
Cooling capacity (l):	6.8
Battery 12 V, capacity (Ah):	60
Alternator 14.2 V, capacity (W):	1420
Transmission	
Drive axle:	front wheel drive
Transmission, type:	6-speed manual
Gear ratios:	1st ratio: 3.82 2nd ratio: 2.05 3rd ratio: 1.30 4th ratio: 0.96 5th ratio: 0.74 6th ratio: 0.61 reverse ratio: 3.55 final drive ratio: 3.65 dry single plate
Clutch, type:	
Body	
Seats:	5
Drag coefficient (c _d):	0.31*
Frontal area (A in m²):	2.08
Index (c _w xA):	0.65*
IDS chassis	
Wheel suspension front:	independent, wishbone on closed subframe, McPherson struts, twin tube gas pressure shock absorbers
Wheel suspension rear:	compound link suspension, torsion tube design with 2 control arms miniblock coil springs
Anti roll bar:	twin tube gas pressure shock absorbers front

Brakes	
Brake circuits:	2, diagonal
Brakes front, diameter (mm):	ventilated disc, 280
Brakes rear, diameter (mm):	solid disc, 264
ABS:	standard equipment
TC Plus:	standard equipment
ESP Plus:	standard equipment
Weights and dimensions	
Length (mm):	4515
Width (mm):	1794
Height (mm):	1500
Wheelbase (mm):	2703
Track front/rear (mm):	1488/1488
Luggage capacity (l) ECIE:	500(max. 540)-max. 1590 (with tire repair kit)
Opening luggage compartment to ground (mm):	591
Cargo-area length (mm):	1085(max. 1122)-max. 1819
Cargo-area width (mm):	1088
Cargo-area height (mm):	862
Rim width (inch)(mm)/tire size:	6.5Jx15/195/65 R15 H
Turning clearance circle/turning circle (m):	11.10/10.85
Steer. wheel turns lock/lock:	2.7
Steering, ratio:	electr.-hydr. power steering, 15
Steering wheel outside diameter (mm):	370
Kerb weight/max. allowable weight/additional load (kg):	1393/1935/542
Power to weight ratio (kg/kW; kg/hp)(empty):	18.8; 13.9
Max. axle load front/rear (kg):	1010/940
Trailer load braked/unbraked (kg):	1400/690
Trailer hook weight/roof load (kg):	75/100
Fuel tank capacity (l), location:	52, under luggage compartment
Performance	
Top speed (km/h)*:	180
Acceleration 0-100 km/h (sec)*:	12.5
Acc. 80-120 km/h in 5th gear (sec)*:	12.7
Pass-by noise (dBA):	70
Fuel:	Diesel
Fuel consumption (liter/100 km):	Measured according to EU guideline 99/100/EU. Additional equipment can lead to increased consumption and CO ₂ values. urban: 6.4 - 6.5 extra-urban: 4.2 - 4.3 total: 5 - 5.1
CO ₂ emission (g/km):	135 - 138
Emission class:	Euro 4
Maintenance	
Service intervals:	General inspection after 24 months or 60.000 km; interim service with oil exchange after 12 months or 30.000 km
* Basic model	
* Kerb weight (70156 EEC) and 125 kg payload	
Specifications may differ outside Germany	

Model year:	2006
Date:	08/2005
Engine data	
Engine:	1.8 ECOTEC
Engine, location:	front, transverse in front of axle, 7° 50' forward inclined
Cooling system:	with liquid, sealed circuit
Cylinders, number:	4
Bore (mm):	80.5
Stroke (mm):	88.2
Displacement (cc):	1796
Compression ratio:	10.5:1
Engine, type:	in line; 5 main bearings
Cylinder block/head, material:	cast iron/aluminum
Camshaft(s), location:	2 overhead (DOHC), driven by toothed belt
Valve train:	hydraulic bucket tappets
Valve, arrangement:	v; 4 per cylinder
Valve adjustment:	hydraulic
Fuel system:	sequential multi point fuel injection
Ignition system:	electr. ignition map, ignition coil direct to spark plug
Fuel pump:	electric, in tank
Emission control system:	3-way cat. conv. with 2 oxygen sensors
Output (kW/hp CEE at 1/min):	92/125 at 5600
Specific power (kW/l; hp/l):	51.2; 69.6
Max. torque (Nm at 1/min):	170 at 3800
Specific torque (Nm/liter):	94.7
Mean effective pressure at max. power/max. torque (kPa):	1097.7/1190.0
Average piston speed (m/s):	16.5
Engine oil, capacity (l):	4.25
Cooling capacity (l):	5.9
Battery 12 V, capacity (Ah):	44
Alternator 14.2 V, capacity (W):	994
Transmission	
Drive axle:	front wheel drive
Transmission, type:	5-speed manual
Gear ratios:	1st ratio: 3.73 2nd ratio: 2.14 3rd ratio: 1.41 4th ratio: 1.12 5th ratio: 0.89 reverse ratio: 3.31 final drive ratio: 3.94
Clutch, type:	dry single plate
Body	
Seats:	5
Drag coefficient (c _D):	0.31*
Frontal area (A in m ²):	2.08
Index (c _w xA):	0.65*
IDS chassis	
Wheel suspension front:	independent, wishbone on closed subframe, McPherson struts, twin tube gas pressure shock absorbers compound link suspension,
Wheel suspension rear:	torsion tube design with 2 control arms miniblock coil springs twin tube gas pressure shock absorbers
Anti roll bar:	front

Brakes

Brake circuits:	2, diagonal
Brakes front, diameter (mm):	ventilated disc, 280
Brakes rear, diameter (mm):	solid disc, 264
ABS:	standard equipment
TC Plus:	standard equipment
ESP Plus:	standard equipment

Weights and dimensions

Length (mm):	4515
Width (mm):	1794
Height (mm):	1500
Wheelbase (mm):	2703
Track front/rear (mm):	1488/1488
Luggage capacity (l) ECIE:	500(max. 540)-max. 1590 (with tire repair kit)
Opening luggage compartment to ground (mm):	591
Cargo-area length (mm):	1085(max. 1122)-max. 1819
Cargo-area width (mm):	1088
Cargo-area height (mm):	862
Rim width (inch)(mm)/tire size:	6.5Jx15/195/65 R15 H
Turning clearance circle/turning circle (m):	11.10/10.85
Steer. wheel turns lock/lock:	2.7
Steering, ratio:	electr.-hydr. power steering, 15
Steering wheel outside diameter (mm):	370
Kerb weight/max. allowable weight/additional load (kg):	1325/1850/525
Power to weight ratio (kg/kW; kg/hp)(empty):	14.4; 10.6
Max. axle load front/rear (kg):	930/940
Trailer load braked/unbraked (kg):	1300/660
Trailer hook weight/roof load (kg):	75/100
Fuel tank capacity (l), location:	52, under luggage compartment

Performance

Top speed (km/h)*:	198
Acceleration 0-100 km/h (sec)*:	10.9
Acc. 80-120 km/h in 5th gear (sec)*:	14.2
Pass-by noise (dBA):	72
Fuel:	unleaded premium 95 RON
Fuel consumption (liter/100 km):	Measured according to EU guideline 99/100/EU. Additional equipment can lead to increased consumption and CO ₂ values.
	urban: 10.5 - 10.7
	extra-urban: 6.2 - 6.4
	total: 7.8 - 8.0
CO ₂ emission (g/km):	187 - 192
Emission class:	Euro 4

Maintenance

Service intervals:	General inspection after 24 months or 60.000 km; interim service with oil exchange after 12 months or 30.000 km
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* Basic model

* Kerb weight (70156 EEC) and 125 kg payload

Specifications may differ outside Germany

Model year: 2006
Date: 08/2005

Engine data

Engine: 1.8 ECOTEC
Engine, location: front, transverse in front of axle, 7° 50' forward inclined
Cooling system: with liquid, sealed circuit
Cylinders, number: 4
Bore (mm): 80.5
Stroke (mm): 88.2
Displacement (cc): 1796
Compression ratio: 10.5:1
Engine, type: in line; 5 main bearings
Cylinder block/head, material: cast iron/aluminum
Camshaft(s), location: 2 overhead (DOHC), driven by toothed belt
Valve train: hydraulic bucket tappets
Valve, arrangement: v; 4 per cylinder
Valve adjustment: hydraulic
Fuel system: sequential multi point fuel injection
Ignition system: electr. ignition map, ignition coil direct to spark plug
Fuel pump: electric, in tank
Emission control system: 3-way cat. conv. with 2 oxygen sensors
Output (kW/hp CEE at 1/min): 92/125 at 5600
Specific power (kW/l; hp/l): 51.2; 69.6
Max. torque (Nm at 1/min): 170 at 3800
Specific torque (Nm/liter): 94.7
Mean effective pressure at max. power/max. torque (kPa): 1097.7/1190.0
Average piston speed (m/s): 16.5
Engine oil, capacity (l): 4.25
Cooling capacity (l): 5.9
Battery 12 V, capacity (Ah): 44
Alternator 14.2 V, capacity (W): 994

Transmission

Drive axle: front wheel drive
Transmission, type: automatic + lock-up
Gear ratios: 1st ratio: 2.81 2nd ratio: 1.48 3rd ratio: 1.00
4th ratio: 0.74
reverse ratio: 2.77 final drive ratio: 4.12
torque converter

Clutch, type:

Body

Seats: 5
Drag coefficient (c_d): 0.31*
Frontal area (A in m²): 2.08
Index (c_wxA): 0.65*

IDS chassis

Wheel suspension front: independent, wishbone on closed subframe, McPherson struts, twin tube gas pressure shock absorbers compound link suspension,
Wheel suspension rear: torsion tube design with 2 control arms miniblock coil springs twin tube gas pressure shock absorbers
Anti roll bar: front

Brakes

Brake circuits: 2, diagonal
Brakes front, diameter (mm): ventilated disc, 280
Brakes rear, diameter (mm): solid disc, 264
ABS: standard equipment
TC Plus: standard equipment
ESP Plus: standard equipment

Weights and dimensions

Length (mm): 4515
Width (mm): 1794
Height (mm): 1500
Wheelbase (mm): 2703
Track front/rear (mm): 1488/1488
Luggage capacity (l) ECIE: 500(max. 540)-max. 1590 (with tire repair kit)
Opening luggage compartment to ground (mm): 591
Cargo-area length (mm): 1085(max. 1122)-max. 1819
Cargo-area width (mm): 1088
Cargo-area height (mm): 862
Rim width (inch)(mm)/tire size: 6.5Jx15/195/65 R15 H
Turning clearance circle/turning circle (m): 11.10/10.85
Steer. wheel turns lock/lock: 2.7
Steering, ratio: electr.-hydr. power steering, 15
Steering wheel outside diameter (mm): 370
Kerb weight/max. allowable weight/additional load (kg): 1350/1875/525
Power to weight ratio (kg/kW; kg/hp)(empty): 14.7; 10.8
Max. axle load front/rear (kg): 950/940
Trailer load braked/unbraked (kg): 1250/660
Trailer hook weight/roof load (kg): 75/100
Fuel tank capacity (l), location: 52, under luggage compartment

Performance

Top speed (km/h)*: 188
Acceleration 0-100 km/h (sec)*: 12.2
Pass-by noise (dBA): 70
Fuel: unleaded premium 95 RON
Fuel consumption (liter/100 km): Measured according to EU guideline 99/100/EU.
Additional equipment can lead to increased consumption and CO₂ values.
urban: 11.4 - 11.6
extra-urban: 6.3 - 6.5
total: 8.2 - 8.4
CO₂ emission (g/km): 197 - 202
Emission class: Euro 4

Maintenance

Service intervals: General inspection after 24 months or 60.000 km;
interim service with oil exchange after 12 months or 30.000 km

* Basic model

* Kerb weight (70156 EEC) and 125 kg payload

Specifications may differ outside Germany

Model year:	2006
Date:	08/2005
Engine data	
Engine:	1.9 CDTi ECOTEC
Engine, location:	front, transverse in front of axle, 7° 50' forward inclined
Cooling system:	with liquid, sealed circuit
Cylinders, number:	4
Bore (mm):	82
Stroke (mm):	90.4
Displacement (cc):	1910
Compression ratio:	18:1
Engine, type:	in line; 5 main bearings
Cylinder block/head, material:	cast iron/aluminum
Camshaft(s), location:	1 overhead (OHC), driven by toothed belt
Valve train:	bucket tappets
Valve, arrangement:	parallel; 2 per cylinder
Valve adjustment:	automatic - hydraulic
Fuel system:	diesel direct injection, common rail
Fuel pump:	mechanical
Emission control system:	oxidizing catalytic converter, diesel particulate filter
Charger system:	turbo with intercooler
Output (kW/hp CEE at 1/min):	74/100 at 3500-400
Specific power (kW/l; hp/l):	38.7; 52.4
Max. torque (Nm at 1/min):	260 at 1700-2500
Specific torque (Nm/liter):	136.1
Mean effective pressure at max. power/max. torque (kPa):	1328.3/1711.4
Average piston speed (m/s):	10.5
Engine oil, capacity (l):	4.3
Cooling capacity (l):	7.5
Battery 12 V, capacity (Ah):	60
Alternator 14.2 V, capacity (W):	1420
Transmission	
Drive axle:	front wheel drive
Transmission, type:	6-speed manual
Gear ratios:	1st ratio: 3.82 2nd ratio: 2.05 3rd ratio: 1.30 4th ratio: 0.96 5th ratio: 0.74 6th ratio: 0.61 reverse ratio: 3.55 final drive ratio: 3.65 dry single plate
Clutch, type:	
Body	
Seats:	5
Drag coefficient (c_d):	0.31*
Frontal area (A in m ²):	2.08
Index ($c_w \times A$):	0.65*
IDS chassis	
Wheel suspension front:	independent, wishbone on closed subframe, McPherson struts, twin tube gas pressure shock absorbers
Wheel suspension rear:	compound link suspension, torsion tube design with 2 control arms miniblock coil springs
Anti roll bar:	twin tube gas pressure shock absorbers front

Brakes

Brake circuits:	2, diagonal
Brakes front, diameter (mm):	ventilated disc, 260
Brakes rear, diameter (mm):	compound drum, 200
ABS:	standard equipment
ESP:	standard equipment

Weights and dimensions

Length (mm):	4515
Width (mm):	1794
Height (mm):	1500
Wheelbase (mm):	2703
Track front/rear (mm):	1488/1488
Luggage capacity (l) ECIE:	500(max. 540)-max. 1590 (with tire repair kit)
Opening luggage compartment to ground (mm):	591
Cargo-area length (mm):	1085(max. 1122)-max. 1819
Cargo-area width (mm):	1088
Cargo-area height (mm):	862
Rim width (inch)(mm)/tire size:	6.5Jx16/205/55 R16-91H
Turning clearance circle/turning circle (m):	11.10/10.85
Steer. wheel turns lock/lock:	2.7
Steering, ratio:	electr.-hydr. power steering, 15
Steering wheel outside diameter (mm):	370
Kerb weight/max. allowable weight/additional load (kg):	1435/1960/525
Power to weight ratio (kg/kW; kg/hp)(empty):	19.4; 14.4
Max. axle load front/rear (kg):	1045/940
Trailer load braked/unbraked (kg):	1400/670
Trailer hook weight/roof load (kg):	75/100
Fuel tank capacity (l), location:	52, under luggage compartment

Performance

Top speed (km/h)*:	180
Acceleration 0-100 km/h (sec)*:	12.5
Acc. 80-120 km/h in 5th gear (sec)*:	132
Pass-by noise (dBA):	72
Fuel:	Diesel
Fuel consumption (liter/100 km):	Measured according to EU guideline 99/100/EU. Additional equipment can lead to increased consumption and CO ₂ values. urban: 7.8 extra-urban: 5.1 total: 6.1 165 Euro 4
CO ₂ emission (g/km):	
Emission class:	

Maintenance

Service intervals:	General inspection after 24 months or 60.000 km; interim service with oil exchange after 12 months or 30.000 km
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* Basic model

* Kerb weight (70156 EEC) and 125 kg payload
Specifications may differ outside Germany

Model year:	2006
Date:	08/2005
Engine data	
Engine, location:	front, transverse in front of axle, 7° 50' forward inclined
Cooling system:	with liquid, sealed circuit
Cylinders, number:	4
Bore (mm):	82
Stroke (mm):	90.4
Displacement (cc):	1910
Compression ratio:	18:1
Engine, type:	in line; 5 main bearings
Cylinder block/head, material:	cast iron/aluminum
Camshaft(s), location:	1 overhead (OHC), driven by toothed belt
Valve train:	direct, bucket tappets
Valve, arrangement:	in line; 2 per cylinder
Valve adjustment:	mechanical
Fuel system:	diesel direct injection, common rail
Fuel pump:	high pressure, mechanical
Emission control system:	2-way cat. conv. (oxidizing catalytic converter), exhaust gas recirculation, diesel particulate filter
Charger system:	turbo with intercooler
Output (kW/hp CEE at 1/min):	88/120 at 3500-4000
Specific power (kW/l; hp/l):	46.1; 62.8
Max. torque (Nm at 1/min):	280 at 2000-2750
Specific torque (Nm/liter):	146.6
Mean effective pressure at max. power/max. torque (kPa):	1579.7/1843.0
Average piston speed (m/s):	10.5
Engine oil, capacity (l):	4.3
Cooling capacity (l):	7
Battery 12 V, capacity (Ah):	60
Alternator 14.2 V, capacity (W):	1420
Transmission	
Drive axle:	front wheel drive
Transmission, type:	6-speed manual
Gear ratios:	1st ratio: 3.82 2nd ratio: 2.05 3rd ratio: 1.30 4th ratio: 0.96 5th ratio: 0.74 6th ratio: 0.61 reverse ratio: 3.55 final drive ratio: 3.65
Clutch, type:	dry single plate
Body	
Seats:	5
Drag coefficient (c _d):	0.31*
Frontal area (A in m ²):	2.08
Index (c _w xA):	0.65*
IDS chassis	
Wheel suspension front:	independent, wishbone on closed subframe, McPherson struts, twin tube gas pressure shock absorbers
Wheel suspension rear:	compound link suspension, torsion tube design with 2 control arms miniblock coil springs
Anti roll bar:	twin tube gas pressure shock absorbers front

Brakes	
Brake circuits:	2, diagonal
Brakes front, diameter (mm):	ventilated disc, 260
Brakes rear, diameter (mm):	compound drum, 200
ABS:	standard equipment
ESP:	standard equipment
Weights and dimensions	
Length (mm):	4515
Width (mm):	1794
Height (mm):	1500
Wheelbase (mm):	2703
Track front/rear (mm):	1488/1488
Luggage capacity (l) ECIE:	500(max. 540)-max. 1590 (with tire repair kit)
Opening luggage compartment to ground (mm):	591
Cargo-area length (mm):	1085(max. 1122)-max. 1819
Cargo-area width (mm):	1088
Cargo-area height (mm):	862
Rim width (inch)(mm)/tire size:	6.5Jx16/205/55 R16-91H
Turning clearance circle/turning circle (m):	11.10/10.85
Steer. wheel turns lock/lock:	2.7
Steering, ratio:	electr.-hydr. power steering, 15
Steering wheel outside diameter (mm):	370
Kerb weight/max. allowable weight/additional load (kg):	1435/1960/525
Power to weight ratio (kg/kW; kg/hp)(empty):	16.3; 12.0
Max. axle load front/rear (kg):	1045/940
Trailer load braked/unbraked (kg):	1400/715
Trailer hook weight/roof load (kg):	75/100
Fuel tank capacity (l), location:	52, under luggage compartment
Performance	
Top speed (km/h)*:	190
Acceleration 0-100 km/h (sec)*:	10.8
Acc. 80-120 km/h in 5th gear (sec)*:	11
Pass-by noise (dBA):	72
Fuel:	Diesel
Fuel consumption (liter/100 km):	Measured according to EU guideline 99/100/EU.
	Additional equipment can lead to increased consumption and CO ₂ values.
	urban: 7.8
	extra-urban: 5.1
	total: 6.1
	165
	Euro 4
Maintenance	
Service intervals:	General inspection after 24 months or 60.000 km; interim service with oil exchange after 12 months or 30.000 km
* Basic model	
* Kerb weight (70156 EEC) and 125 kg payload	
Specifications may differ outside Germany	

Model year:	2006
Date:	08/2005
Engine data	
Engine:	1.9 CDTI ECOTEC
Engine, location:	front, transverse in front of axle, 7° 50' forward inclined
Cooling system:	with liquid, sealed circuit
Cylinders, number:	4
Bore (mm):	82
Stroke (mm):	90.4
Displacement (cc):	1910
Compression ratio:	18:1
Engine, type:	in line; 5 main bearings
Cylinder block/head, material:	cast iron/aluminum
Camshaft(s), location:	1 overhead (OHC), driven by toothed belt
Valve train:	direct, bucket tappets
Valve, arrangement:	in line; 2 per cylinder
Valve adjustment:	mechanical
Fuel system:	diesel direct injection, common rail
Fuel pump:	high pressure, mechanical
Emission control system:	oxidizing catalytic converter, diesel particulate filter
Charger system:	turbo with intercooler
Output (kW/hp CEE at 1/min):	88/120 at 3500-4000
Specific power (kW/l; hp/l):	46.1; 62.8
Max. torque (Nm at 1/min):	280 at 2000-2750
Specific torque (Nm/liter):	146.6
Mean effective pressure at max. power/max. torque (kPa):	1579.7/1843.0
Average piston speed (m/s):	10.5
Engine oil, capacity (l):	4.3
Cooling capacity (l):	7
Battery 12 V, capacity (Ah):	60
Alternator 14.2 V, capacity (W):	1704
Transmission	
Drive axle:	front wheel drive
Transmission, type:	automatic with ActiveSelect
Gear ratios:	1st ratio: 4.15 2nd ratio: 2.37 3rd ratio: 1.56 4th ratio: 1.16 5th ratio: 0.86 6th ratio: 0.69 reverse ratio: 3.39 final drive ratio: 3.08
Body	
Seats:	5
Drag coefficient (c _D):	0.31*
Frontal area (A in m ²):	2.08
Index (c _w xA):	0.65*
IDS chassis	
Wheel suspension front:	independent, wishbone on closed subframe, McPherson struts, twin tube gas pressure shock absorbers
Wheel suspension rear:	compound link suspension, torsion tube design with 2 control arms miniblock coil springs
Anti roll bar:	twin tube gas pressure shock absorbers front

Brakes	
Brake circuits:	2, diagonal
Brakes front, diameter (mm):	ventilated disc, 260
Brakes rear, diameter (mm):	compound drum, 200
ABS:	standard equipment
ESP:	standard equipment
Weights and dimensions	
Length (mm):	4515
Width (mm):	1794
Height (mm):	1500
Wheelbase (mm):	2703
Track front/rear (mm):	1488/1488
Luggage capacity (l) ECIE:	500(max. 540)-max. 1590 (with tire repair kit)
Opening luggage compartment to ground (mm):	591
Cargo-area length (mm):	1085(max. 1122)-max. 1819
Cargo-area width (mm):	1088
Cargo-area height (mm):	862
Rim width (inch)(mm)/tire size:	6.5Jx16/205/55 R16-91H
Turning clearance circle/turning circle (m):	11.10/10.85
Steer. wheel turns lock/lock:	2.7
Steering, ratio:	electr.-hydr. power steering, 15
Steering wheel outside diameter (mm):	370
Kerb weight/max. allowable weight/additional load (kg):	1465/1990/525
Power to weight ratio (kg/kW; kg/hp)(empty):	16.6; 12.2
Max. axle load front/rear (kg):	1045/940
Trailer load braked/unbraked (kg):	1400/715
Trailer hook weight/roof load (kg):	75/100
Fuel tank capacity (l), location:	52, under luggage compartment
Performance	
Top speed (km/h)*:	190
Acceleration 0-100 km/h (sec)*:	10.8
Acc. 80-120 km/h in 5th gear (sec)*:	11
Pass-by noise (dBA):	74
Fuel:	Diesel
Fuel consumption (liter/100 km):	Measured according to EU guideline 99/100/EU. Additional equipment can lead to increased consumption and CO ₂ values.
	urban: 9.8
	extra-urban: 5.5
	total: 7.1
CO ₂ emission (g/km):	192
Emission class:	Euro 4
Maintenance	
Service intervals:	General inspection after 24 months or 60.000 km; interim service with oil exchange after 12 months or 30.000 km
* Basic model	
* Kerb weight (70156 EEC) and 125 kg payload	
Specifications may differ outside Germany	

Model year:	2006
Date:	08/2005
Engine data	
Engine:	1.9 CDTi ECOTEC
Engine, location:	front, transverse in front of axle, 7° 50' forward inclined
Cooling system:	with liquid, sealed circuit
Cylinders, number:	4
Bore (mm):	82
Stroke (mm):	90.4
Displacement (cc):	1910
Compression ratio:	17.5:1
Engine, type:	in line; 5 main bearings
Cylinder block/head, material:	cast iron/aluminum
Camshaft(s), location:	2 overhead (DOHC), driven by toothed belt
Valve train:	indirect, roller cam followers
Valve, arrangement:	in line; 4 per cylinder
Valve adjustment:	hydraulic
Fuel system:	diesel direct injection, common rail
Fuel pump:	high pressure, mechanical
Emission control system:	2-way cat. conv. (oxidizing catalytic converter), exhaust gas recirculation, diesel particulate filter
Charger system:	turbo with intercooler
Output (kW/hp CEE at 1/min):	110/150 at 4000
Specific power (kW/l; hp/l):	57.6; 78.5
Max. torque (Nm at 1/min):	320 at 2000-2750
Specific torque (Nm/liter):	167.5
Mean effective pressure at max. power/max. torque (kPa):	1727.7/2106.3
Average piston speed (m/s):	12.1
Engine oil, capacity (l):	4.3
Cooling capacity (l):	7
Battery 12 V, capacity (Ah):	60
Alternator 14.2 V, capacity (W):	1420
Transmission	
Drive axle:	front wheel drive
Transmission, type:	6-speed manual
Gear ratios:	1st ratio: 3.82 2nd ratio: 2.05 3rd ratio: 1.30 4th ratio: 0.96 5th ratio: 0.74 6th ratio: 0.61 reverse ratio: 3.55 final drive ratio: 3.65
Clutch, type:	dry single plate
Body	
Seats:	5
Drag coefficient (c _d):	0.31*
Frontal area (A in m²):	2.08
Index (c _w xA):	0.65*
IDS chassis	
Wheel suspension front:	independent, wishbone on closed subframe, McPherson struts, twin tube gas pressure shock absorbers
Wheel suspension rear:	compound link suspension, torsion tube design with 2 control arms miniblock coil springs
Anti roll bar:	twin tube gas pressure shock absorbers front

Brakes	
Brake circuits:	2, diagonal
Brakes front, diameter (mm):	ventilated disc, 260
Brakes rear, diameter (mm):	compound drum, 200
ABS:	standard equipment
ESP:	standard equipment
Weights and dimensions	
Length (mm):	4515
Width (mm):	1794
Height (mm):	1500
Wheelbase (mm):	2703
Track front/rear (mm):	1488/1488
Luggage capacity (l) ECIE:	500(max. 540)-max. 1590 (with tire repair kit)
Opening luggage compartment to ground (mm):	591
Cargo-area length (mm):	1085(max. 1122)-max. 1819
Cargo-area width (mm):	1088
Cargo-area height (mm):	862
Rim width (inch)(mm)/tire size:	6.5Jx16/205/55 R16-91H
Turning clearance circle/turning circle (m):	11.10/10.85
Steer. wheel turns lock/lock:	2.7
Steering, ratio:	electr.-hydr. power steering, 15
Steering wheel outside diameter (mm):	370
Kerb weight/max. allowable weight/additional load (kg):	1450/1975/525
Power to weight ratio (kg/kW; kg/hp)(empty):	13.2; 9.7
Max. axle load front/rear (kg):	1045/940
Trailer load braked/unbraked (kg):	1400/720
Trailer hook weight/roof load (kg):	75/100
Fuel tank capacity (l), location:	52, under luggage compartment
Performance	
Top speed (km/h)*:	207
Acceleration 0-100 km/h (sec)*:	9.2
Acc. 80-120 km/h in 5th gear (sec)*:	9.7
Pass-by noise (dBA):	73
Fuel:	Diesel
Fuel consumption (liter/100 km):	Measured according to EU guideline 99/100/EU. Additional equipment can lead to increased consumption and CO ₂ values.
	urban: 7.5
	extra-urban: 5
	total: 5.9
CO ₂ emission (g/km):	159
Emission class:	Euro 4
Maintenance	
Service intervals:	General inspection after 24 months or 60.000 km; interim service with oil exchange after 12 months or 30.000 km
* Basic model	
* Kerb weight (70156 EEC) and 125 kg payload	
Specifications may differ outside Germany	

Model year:	2006
Date:	08/2005
Engine data	
Engine:	2.0 Turbo ECOTEC
Engine, location:	front, transverse in front of axle, 7° 50' forward inclined
Cooling system:	with liquid, sealed circuit
Cylinders, number:	4
Bore (mm):	86
Stroke (mm):	86
Displacement (cc):	1998
Compression ratio:	8.8:1
Engine, type:	in line; 5 main bearings
Cylinder block/head, material:	cast iron/aluminum
Camshaft(s), location:	2 overhead (DOHC), driven by toothed belt
Valve train:	hydraulic bucket tappets
Valve, arrangement:	v; 4 per cylinder
Valve adjustment:	hydraulic
Fuel system:	sequential multi point fuel injection
Ignition system:	electr. ignition map (EST) + knock sensor
Fuel pump:	electric, in tank
Emission control system:	3-way cat. conv. with 2 oxygen sensors
Output (kW/hp CEE at 1/min):	125/170 at 5200
Specific power (kW/l; hp/l):	62.6; 85.1
Max. torque (Nm at 1/min):	250 at 1950
Specific torque (Nm/liter):	125.1
Mean effective pressure at max. power/max. torque (kPa):	1443.8/1573.1
Average piston speed (m/s):	14.9
Engine oil, capacity (l):	4.25
Cooling capacity (l):	7.1
Battery 12 V, capacity (Ah):	55
Alternator 14.2 V, capacity (W):	1704
Transmission	
Drive axle:	front wheel drive
Transmission, type:	6-speed manual
Gear ratios:	1st ratio: 3.82 2nd ratio: 2.05 3rd ratio: 1.30 4th ratio: 0.96 5th ratio: 0.74 6th ratio: 0.61 reverse ratio: 3.55 final drive ratio: 3.94
Clutch, type:	dry single plate
Body	
Seats:	5
Drag coefficient (c _D):	0.31*
Frontal area (A in m ²):	2.08
Index (c _w xA):	0.65*
IDS chassis	
Wheel suspension front:	independent, wishbone on closed subframe, McPherson struts, twin tube gas pressure shock absorbers
Wheel suspension rear:	compound link suspension, torsion tube design with 2 control arms miniblock coil springs
Anti roll bar:	twin tube gas pressure shock absorbers front

Brakes

Brake circuits:	2, diagonal
Brakes front, diameter (mm):	ventilated disc, 260
Brakes rear, diameter (mm):	compound drum, 200
ABS:	standard equipment
ESP:	standard equipment

Weights and dimensions

Length (mm):	4515
Width (mm):	1794
Height (mm):	1500
Wheelbase (mm):	2703
Track front/rear (mm):	1488/1488
Luggage capacity (l) ECIE:	500(max. 540)-max. 1590 (with tire repair kit)
Opening luggage compartment to ground (mm):	591
Cargo-area length (mm):	1085(max. 1122)-max. 1819
Cargo-area width (mm):	1088
Cargo-area height (mm):	862
Rim width (inch)(mm)/tire size:	7Jx17/225/45 R17
Turning clearance circle/turning circle (m):	11.10/10.85
Steer. wheel turns lock/lock:	2.7
Steering, ratio:	electr.-hydr. power steering, 15
Steering wheel outside diameter (mm):	370
Kerb weight/max. allowable weight/additional load (kg):	1425/1950/525
Power to weight ratio (kg/kW; kg/hp)(empty):	11.4; 8.4
Max. axle load front/rear (kg):	1025/940
Trailer load braked/unbraked (kg):	1400/710
Trailer hook weight/roof load (kg):	75/100
Fuel tank capacity (l), location:	52, under luggage compartment

Performance

Top speed (km/h)*:	217
Acceleration 0-100 km/h (sec)*:	8.9
Acc. 80-120 km/h in 5th gear (sec)*:	11.1
Pass-by noise (dBA):	74
Fuel:	unleaded premium 95 RON
Fuel consumption (liter/100 km):	Measured according to EU guideline 99/100/EU. Additional equipment can lead to increased consumption and CO ₂ values.
	urban: 12.9
	extra-urban: 6.9
	total: 9.1
CO ₂ emission (g/km):	218
Emission class:	Euro 4

Maintenance

Service intervals:	General inspection after 24 months or 60.000 km; interim service with oil exchange after 12 months or 30.000 km
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* Basic model

* Kerb weight (70156 EEC) and 125 kg payload

Specifications may differ outside Germany

Model year: 2006
Date: 08/2005

Engine data

Engine: 2.0 Turbo ECOTEC
Engine, location: front, transverse in front of axle, 7° 50' forward inclined
Cooling system: with liquid, sealed circuit
Cylinders, number: 4
Bore (mm): 86
Stroke (mm): 86
Displacement (cc): 1998
Compression ratio: 8.8:1
Engine, type: in line; 5 main bearings
Cylinder block/head, material: cast iron/aluminum
Camshaft(s), location: 2 overhead (DOHC), driven by toothed belt
Valve train: hydraulic bucket tappets
Valve, arrangement: v; 4 per cylinder
Valve adjustment: hydraulic
Fuel system: sequential multi point fuel injection
Ignition system: electr. ignition map (EST) + knock sensor
Fuel pump: electric, in tank
Emission control system: 3-way cat. conv. with 2 oxygen sensors
Output (kW/hp CEE at 1/min): 147/200 at 5400
Specific power (kW/l; hp/l): 73.6; 100.1
Max. torque (Nm at 1/min): 262 at 4200
Specific torque (Nm/liter): 131.1
Mean effective pressure at max. power/max. torque (kPa): 1634.10/1648.6
Average piston speed (m/s): 15.5
Engine oil, capacity (l): 4.25
Cooling capacity (l): 7.1
Battery 12 V, capacity (Ah): 55
Alternator 14.2 V, capacity (W): 1704

Transmission

Drive axle: front wheel drive
Transmission, type: 6-speed manual
Gear ratios: 1st ratio: 3.82 2nd ratio: 2.16 3rd ratio: 1.48
4th ratio: 1.07 5th ratio: 0.88 6th ratio: 0.74
reverse ratio: 3.55 final drive ratio: 3.94
Clutch, type: dry single plate

Body

Seats: 5
Drag coefficient (c_d): 0.31*
Frontal area (A in m²): 2.08
Index ($c_w \times A$): 0.65*

IDS chassis

Wheel suspension front: independent, wishbone on closed subframe, McPherson struts, twin tube gas pressure shock absorbers
Wheel suspension rear: compound link suspension, torsion tube design with 2 control arms miniblock coil springs twin tube gas pressure shock absorbers
Anti roll bar: front

Brakes

Brake circuits: 2, diagonal
Brakes front, diameter (mm): ventilated disc, 260
Brakes rear, diameter (mm): compound drum, 200
ABS: standard equipment
ESP: standard equipment

Weights and dimensions

Length (mm): 4515
Width (mm): 1794
Height (mm): 1500
Wheelbase (mm): 2703
Track front/rear (mm): 1488/1488
Luggage capacity (l) ECIE: 500(max. 540)-max. 1590 (with tire repair kit)
Opening luggage compartment to ground (mm): 591
Cargo-area length (mm): 1085(max. 1122)-max. 1819
Cargo-area width (mm): 1088
Cargo-area height (mm): 862
Rim width (inch)(mm)/tire size: 7Jx17/225/45 R17
Turning clearance circle/turning circle (m): 11.10/10.85
Steer. wheel turns lock/lock: 2.7
Steering, ratio: electr.-hydr. power steering, 15
Steering wheel outside diameter (mm): 370
Kerb weight/max. allowable weight/additional load (kg): 1425/1950/525
Power to weight ratio (kg/kW; kg/hp)(empty): 9.7; 7.1
Max. axle load front/rear (kg): 1025/940
Trailer load braked/unbraked (kg): 1400/710
Trailer hook weight/roof load (kg): 75/100
Fuel tank capacity (l), location: 52, under luggage compartment

Performance

Top speed (km/h)*: 230
Acceleration 0-100 km/h (sec)*: 8.4
Acc. 80-120 km/h in 5th gear (sec)*: 8.2
Pass-by noise (dBA): 74
Fuel: unleaded premium 95 RON
Fuel consumption (liter/100 km): Measured according to EU guideline 99/100/EU.
Additional equipment can lead to increased consumption and CO₂ values.
urban: 13.2
extra-urban: 7.2
total: 9.4
CO₂ emission (g/km): 226
Emission class: Euro 4

Maintenance

Service intervals: General inspection after 24 months or 60.000 km;
interim service with oil exchange after 12 months or 30.000 km

* Basic model

* Kerb weight (70156 EEC) and 125 kg payload

Specifications may differ outside Germany