

Engines

3.0L CRD V6 turbo diesel

Type	Diesel, common-rail direct injection, six-cylinder, Vtype, 72 degrees
Capacity	3 litres (2987 cc)
Maximum power	160 kW @ 4000 rpm
Power per litre	53.33 kW/L
Maximum torque	510 Nm @ 1600-2800 rpm
Compression ratio	18:1
Bore and stroke	83 x 92 mm
Camshafts	Twin overhead camshafts per bank
Valve system	24 valves, 2 intake and 2 exhaust per cylinder
Fuel system	Direct injection, high-pressure common rail
Materials	Aluminium block with aluminium cylinder heads
Maximum engine speed	4200 rpm, electronically limited
Minimum fuel standard	Diesel 50 ppm max sulphur (ULSD)
Emission controls	Two diesel oxidation catalysts at the close-coupled and toeboard positions with Diesel Particulate Filter as standard
Emission class	Euro 4

4.7L Power Tech V8

Type	Petrol, eight-cylinder, Vtype, 90 degree
Capacity	4.7 litres (4701 cc)
Maximum power	170 kW @ 4500 rpm
Power per litre	36.17 kW/L
Maximum torque	410 Nm @ 3600 rpm
Compression ratio	9:1
Bore and stroke	93.0 x 86.7 mm
Camshafts	Chain drive, single overhead cam per bank (SOHC)
Valve system	2 valves per cylinder (16 valves), 1 intake and 1 exhaust per cylinder, hydraulic valve lifters
Fuel system	Sequential multi-port electronic fuel injection
Materials	Cast iron block with twin aluminium

Maximum engine speed	cylinder heads 6000 rpm, electronically limited to 5300 rpm
Minimum fuel standard	91 RON unleaded petrol
Emission controls	Dual three-way catalytic converters, with heated oxygen sensors
Emission class	Euro 4

5.7L HEMI® V8

Type	Petrol, eight-cylinder, Vtype, 90 degree — with cylinder deactivation through the Multi-Displacement System (MDS), providing a world-class combination of performance and fuel economy
Capacity	5.7 litres (5654 cc)
Maximum power	240 kW @ 5000 rpm
Power per litre	42.44 kW/L
Maximum torque	500 Nm @ 4000 rpm
Compression ratio	9.5:1
Bore and stroke	99.5 x 90.9 mm
Camshafts	Single overhead cam per bank
Valve system	Overhead valve, pushrod system, 16 valve, 1 intake and 1 exhaust per cylinder; hydraulic lifters with roller followers
Fuel system	Sequential multi-port electronic fuel injection, returnless fuel delivery
Materials	Deep Skirt cast iron block, aluminium hemi-spherical combustion chamber cylinder heads
Maximum engine speed	5800 rpm
Minimum fuel standard	95 RON unleaded petrol
Emission controls	Dual three-way catalytic converters, with heated oxygen sensors
Emission class	Euro 4

Transmissions

5-45RFE — Multi-speed automatic

Availability Standard fit with 4.7L and 5.7L petrol
Description Multi-speed automatic transmission with 5 forward speeds, alternate second gear, Electronic Range Select (ERS), tow/haul feature, brake-park interlock and electronically modulated converter clutch

Gear ratios	1st	3.00
	2nd	1.67
	3rd	1.00
	4th	0.75
	5th	0.67
	Reverse	3.00
	Final drive ratio	2.50

W5A580 — Five-speed automatic

Availability Standard fit with 3.0L CRD
Description Five speed automatic with electronic range select, tow/haul feature, adaptive electronic control, brake park interlock and electronically modulated converter clutch

Gear ratios	1st	3.59
	2nd	2.19
	3rd	1.41
	4th	1.00
	5th	0.83
	Reverse	3.16
	Final drive ratio	2.95

Driveline

Transfer case

(all configurations) NV 245

Axles

Front:	DAP 200 mm	
Rear:	DAP 213 mm	
Axle ratios	4.7L	3.73:1
	5.7L HEMI	3.73:1
	3.0L CRD	3.55:1

Four-wheel drive systems

Quadra-Trac II®

Type	Active full-time system with two speeds and neutral, electronically controlled clutch pack coupling in centre differential and open front and rear differentials — standard on the 4.7L base vehicle
Operating ranges	4WD on demand, 4WD low
Low range ratio	2.72:1
Torque split	Variable up to 100% to the front and rear with 48/52 default split.

Quadra-Drive II®

Type	Active full-time system with two speeds and neutral, electronically controlled clutch pack coupling in centre differential with industry-exclusive front and rear Electronic Limited Slip Differentials (ELSD)
Operating ranges	4WD on demand, 4WD low
Low range ratio	2.72:1

Torque split	If three wheels are slipping, 100% of available torque is transferred to the tyre with the most traction within a split second
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Suspension and damping

Front	Short/long arm (SLA) independent configuration with gas charged twin-tube coil-over shock absorbers and stabiliser bar, 22.5 cm wheel travel
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Rear	Live solid axle and five link suspension (twin upper and lower trailing tubular linking arms plus lateral track bar, coil springs, twin monotube shock absorbers, coil springs and stabiliser bars), 22.4 cm wheel travel
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Steering

Type	Power rack-and-pinion
Overall ratio	17:4:1 on centre, 15:45:1 at full lock
Gearing	3.14 turns lock-to-lock
Turning circle	11.8 m curb-to-curb

Brakes

Front

Discs	328 mm x 30 mm ventilated
Callipers	48 mm diameter dual-piston sliding callipers
Swept area	1757 sq. cm

Rear

Discs	320 mm x 14 mm solid
Callipers	48 mm diameter single-piston sliding callipers
Swept area	1650 sq. cm

Wheels and tyres

Standard fit equipment listed

Base

Wheel type and material	Standard: "Wrench", Cast Aluminium alloy 17", 5-spoke, machined face, painted sparkle silver pockets; Goodyear
Tyres, front and rear	P245/65R17 Wrangler HP BSW A/S
Spare tyre configuration	full-size spare

Limited

Wheel type and material	Standard: "Wrench", Cast Aluminium alloy 17", 5-spoke, machined face, painted sparkle silver pockets; Goodyear
Tyres, front and rear	P245/65R17 Wrangler HP BSW A/S
Spare tyre configuration	full-size spare

Dimensions

Dimensions are in millimetres unless otherwise noted.

Exterior

Overall length (w/spare tyre)	4787
Overall width	2260.9 with mirrors, 1899 with mirrors folded
Overall height (to middle of roof)	1826
Wheelbase	2780
Overhang, front	867
Overhang, rear	1139
Ground clearance, front axle	213
Ground clearance, rear axle	217
Track, front	1590
Track, rear	1590
Approach angle	34 degrees
Departure angle min.	27 degrees
Breakover angle min.	20 degrees

Interior

Front

Head room	1070
Leg room	1058
Shoulder room	1498
Hip room	1412
Seat travel – driver	267
Seat travel – passenger	250

Second row

Head room	1023
Leg room	916
Shoulder room	1486
Hip room	1373

Third row

Head room	908
Leg room	734
Shoulder room	1286
Hip room	1459

Cargo

All Seats in Place	212L
3rd Row Folded	1028L
2nd and 3rd Row Folded	1940L

Cargo volume in SAE measurement standard

Weights

	3.0 CRD	4.7L	5.7L
Kerb weight	2242 - 2306 kg.	2235 - 2303 kg.	2318 kg.
Gross vehicle weight	2948 kg.	2948 kg.	2948 kg.

Capacities

	3.0 CRD	4.7L	5.7L
Max. towing (Inc. tongue load)	3500 kg	3500 kg	3500 kg
Max. load — front axle	1338 kg. for all		

Max. load — rear axle	1656 kg. for all		
Max. tongue load factors	327 kg , dependent on various load factors		
Max. roof load	69 kg. for all powertrains		
Fuel tank	77.7 L for all models		
Oil (with new filter)	9.5L	5.7L	6.6L
Coolant	14.6L	13.6L	16.8L

Fuel consumption (L/100 km, ADR 8101)

	3.0 CRD	4.7L	5.7L
ADR 8101	10.5	15.5	16.0

Performance

	3.0 CRD	4.7L	5.7L
Estimated acceleration (0-100 km/h) sec.	9.0 sec.	9.5 sec.	7.4
Top speed (kph)	190	190	208

Service intervals

	3.0 CRD	4.7L	5.7L
Oil change intervals (Schedule A)	20,000 km	12,000 km	12,000km
Oil change intervals (Schedule B)	10,000 km	5,000 km	5,000km
Service intervals (Schedule A)	20,000 km	12,000 km	12,000 km
Service intervals (Schedule B)	10,000 km	5,000 km	5,000km
Warranty duration	3-years/100,000 km		
Roadside assistance	3-years		