

# TECHNICAL

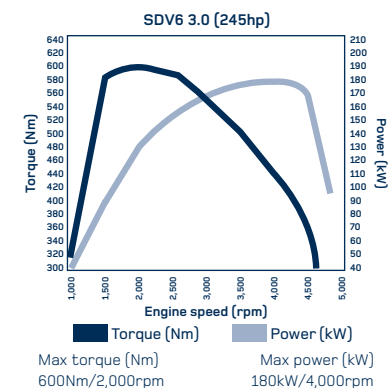
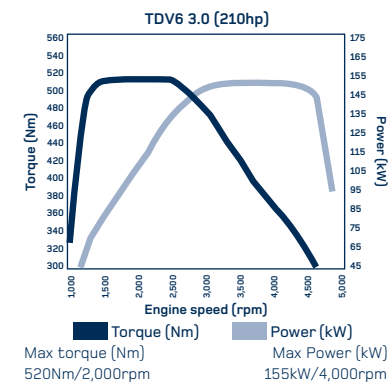
## ENGINE, TRANSMISSION & SUSPENSION

	TDV6 3.0 COMMERCIAL	SDV6 3.0 GS	SDV6 3.0 XS	SDV6 3.0 HSE
Six-speed adaptive automatic transmission	■	■	■	■
Diesel Particulate Filter (DPF)	■	■	■	■
Four-corner air suspension with Terrain Response®	■	■	■	■
Active rear locking differential	□	□	□	□

■ Standard □ Option – Not available

## TRANSMISSION

	TDV6 3.0 210hp Auto	SDV6 3.0 245hp Auto
Transmission type	ZF HP28	ZF HP28
Gear Ratios (High range)		
6th	0.69	0.69
5th	0.86	0.86
4th	1.14	1.14
3rd	1.52	1.52
2nd	2.34	2.34
1st	4.17	4.17
Reverse	3.40	3.40
Final drive ratio	3.54	3.54
Transfer box ratio		
High	1:1	1:1
Low	2.93:1	2.93:1



## MAX SPEED IN GEARS

**(High Range)** mph (km/h) - Autos in 'D', with no CommandShift® or Sport selected

	TDV6 3.0 Auto	SDV6 3.0 Auto
1st	19 (30)	19 (30)
2nd	39 (63)	39 (63)
3rd	63 (101)	63 (101)
4th	85 (136)	85 (136)
5th	112 (180)	112 (180)
6th	112 (180)	112 (180)

**(Low Range)** - Autos in 'D', with no CommandShift® or Sport selected

1st	6 (10)	6 (10)
2nd	14 (22)	14 (22)
3rd	21 (34)	21 (34)
4th	29 (46)	29 (46)
5th	39 (62)	39 (62)
6th	55 (88)	55 (88)

Cd (drag co-efficient) 0.41

## BRAKES

Description	All Derivatives
Front size mm (inch)	360 (14.173)
Type	Ventilated disc
Rear size mm (inch)	350 (13.779)
Type	Ventilated disc
Parking	Duo Servo

## SAFETY & SECURITY

	All Derivatives
Roll Stability Control (RSC)	■
Airbags, row one driver and passenger front	■
Airbags, row one driver and passenger side	■
Airbags, side and head curtain (1st, 2nd & 3rd row*)	■
Central high mounted stop lamp	■
Dynamic Stability Control (DSC)	■
Electric Parking Brake (EPB)	■
Electronic Brake Assist (EBA)	■
Four-channel all-terrain ABS (Anti-lock Braking System) with all round ventilated disc brakes	■

■ Standard □ Option – Not available \*3rd row only with 7 seats fitted

## STEERING

	Description	All Derivatives
Type		Assisted rack and pinion
Steering wheel: height adjustment standard	Turns lock to lock	3.32
Turning circle	Kerb to kerb Wall to wall	11.45m 11.8m

## FEATURES BY DERIVATIVE

### 3.0 TDV6 COMMERCIAL

#### ENGINE & TRANSMISSION

- 3.0 litre 210hp TDV6 advanced sequential turbo diesel engine
- Misfuel protection device
- 6-speed automatic transmission featuring CommandShift®
- Diesel Particulate Filter.

#### SUSPENSION & DRIVING DYNAMICS

- Electronic air suspension with enhanced Terrain Response® and trip computer
- 4-channel all-terrain ABS with all round ventilated disc brakes
- Emergency Brake Assist (EBA)
- Dynamic Stability Control (DSC) with Trailer Stability Assist (TSA)
- Hill Descent Control feat. Hill Start Assist and Gradient Acceleration Control.

#### WHEELS

- 19" alloy wheels
- Temporary durable spare wheel
- Locking wheel nuts.

#### EXTERIOR LIGHTING

- LED rear tail lights
- Central high mounted stop lamp.

#### EXTERIOR FEATURES

- Colour coded front bumper and tailgate lift handle
- Black wheel arches, rear bumper and rear appliqué panel.

#### INTERIOR FEATURES

- Cloth seat facings
- Meteor door inserts and centre console finishers
- Two front seats.

#### COMFORT & CONVENIENCE

- Rear Park Distance Control
- Adjustable front head restraints
- 5" TFT information centre
- Keyless push button start
- Volumetric alarm system
- Automatic climate control
- Non-Smokers Pack
- Electric Park Brake (EPB)
- Electric steering column lock
- Four airbags
- Privacy glass.

#### INFORMATION, COMMUNICATION & AUDIO

- **harman/kardon®** audio system with radio, single CD player, auxiliary input and 9 speakers
- Bluetooth® phone system (Nokia).

#### DISCOVERY COMMERCIAL FEATURES

- 9mm Phenolic plywood loadspace floor, heat and slip resistant
- Two-piece bulkhead; mesh upper section, solid lower section
- Moulded blanking panels bonded to rear window apertures
- 2,130 litre loadspace
- N1 Light Commercial Vehicle classification
- Loadspace lashing points.

### 3.0 SDV6 GS

#### ENGINE & TRANSMISSION

- 3.0 litre 245hp SDV6 advanced sequential turbo diesel engine
- Misfuel protection device
- 6-speed automatic transmission featuring CommandShift®
- Diesel Particulate Filter.

#### SUSPENSION & DRIVING DYNAMICS

- Electronic air suspension with enhanced Terrain Response® and trip computer
- 4-channel all-terrain ABS with all round ventilated disc brakes
- Emergency Brake Assist (EBA)
- Dynamic Stability Control (DSC) with Trailer Stability Assist (TSA)
- Hill Descent Control feat. Hill Start Assist and Gradient Acceleration Control.

#### WHEELS

- 19" 7-spoke alloy wheels
- Temporary durable spare wheel
- Locking wheel nuts.

#### EXTERIOR LIGHTING

- LED rear tail lights
- Central high mounted stop lamp.

#### EXTERIOR FEATURES

- Colour coded front bumper and tailgate lift handle
- Colour coded wheel arches, rear bumper and rear appliqué panel.

#### INTERIOR FEATURES

- Cloth seat facings
- Meteor door inserts and centre console finishers
- 7 Seat Pack – Row three folding seats, accessory socket row three/load space, 35:30:35 folding row two seat, map lamps row three.

#### COMFORT & CONVENIENCE

- Rear Park Distance Control
- Adjustable front head restraints
- 5" TFT information centre
- Keyless push button start
- Volumetric alarm system
- Automatic climate control
- Load space cover
- Non-Smokers Pack (Smoker's Pack a no-cost option)
- Electric Park Brake (EPB)
- Electric steering column lock
- Heated front screen and washer jets
- Eight airbags.

#### INFORMATION, COMMUNICATION & AUDIO

- **harman/kardon®** audio system with radio, single CD player, auxiliary input and 9 speakers
- Bluetooth® phone system (Nokia).

### 3.0 SDV6 XS

As 3.0 SDV6 GS plus

#### SUSPENSION & DRIVING DYNAMICS

- Cruise control.

#### EXTERIOR LIGHTING

- Bright Pack – front fog lamps, automatic head lamps, headlamp powerwash, rain sensor, electrochromatic interior mirror, puddle and footwell lamps.

#### EXTERIOR FEATURES

- Roof rails.

#### INTERIOR FEATURES

- Leather seats with manual adjustment.

#### COMFORT & CONVENIENCE

- Front Park Distance Control
- Heated front seats
- Powerfold exterior mirrors
- Heated front screen and washer jets
- Convenience Pack – Illuminated vanity mirrors, rear luggage net, third cup-holder row one.

#### INFORMATION, COMMUNICATION & AUDIO

- Hi ICE Pack – 8 speakers, passive subwoofer, **harman/kardon®** branding, audio amplifier, sidescreen antenna amplifier, single slot in-dash CD player and steering wheel mounted audio controls
- iPod® and USB audio connectivity interface
- Digital Audio Broadcasting (DAB) Radio
- Touch-screen hard disc drive navigation system.

### 3.0 SDV6 HSE

As 3.0 SDV6 XS plus

#### WHEELS

- 19" 7 split-spoke alloy wheels.

#### EXTERIOR LIGHTING

- LED front signature lights and rear tail lights
- Xenon front headlights
- Automatic High Beam Assist (HBA).

#### EXTERIOR FEATURES

- Metallic paint.

#### INTERIOR FEATURES

- Premium Leather Pack – premium 'Windsor' leather seat facings, premium carpet mats, driver's seat cushion pocket
- Grand Black Lacquer wood finishers (Straight Grain Walnut a no-cost option)
- 8-way electric driver and passenger seats, power lumbar adjust for driver's seat, electrically adjustable driver's seat side bolsters, electric adjustable steering column.

#### COMFORT & CONVENIENCE

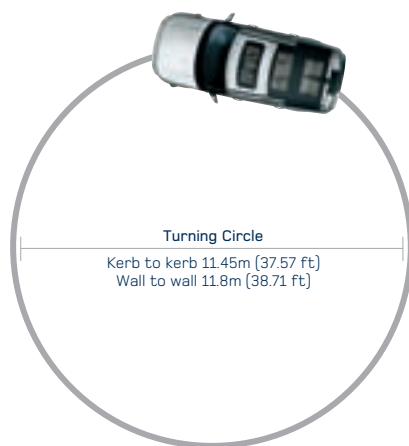
- Rear view camera with parking aid
- Driver's seat memory
- Heated front and rear seats
- Keyless entry
- Interior mood lighting
- Electric front sunroof plus two fixed Alpine roofs.

#### INFORMATION, COMMUNICATION & AUDIO

- Premium ICE Pack – **harman/kardon®** LOGIC 7® with 13 speakers, active subwoofer, DSP amplifier, side screen antenna amplifier, single slot in-dash CD player and steering wheel mounted audio controls
- Touch-screen hard disc drive Premium Navigation System including 4x4 interface, TMC and voice control.



## DIMENSIONS & CAPABILITY



**Obstacle Clearance**  
Ground clearance up to 310mm (air suspension)  
Standard ride height 185mm



**Wading Depth**  
Maximum wading depth 700mm (27.56 in.) (air suspension only)  
Normal wading depth 600mm (23.62 in.)



### Off-road Geometry

Off-road ride height  
(air suspension)

#### A

**Approach Angle**  
36.2°

#### B

**Ramp Break Over Angle**  
27.3°

#### C

**Departure Angle**  
29.6°



Maximum loadspace – seats folded

### Interior

#### Head room – mm (inch)

1st row 1,020 (40.2) (1,027 (40.4) with Alpine roof)  
2nd row 1,043 (41.1) (1,076 (42.4) with Alpine roof)  
3rd row 983 (38.7) (1,018 (40.1) with Alpine roof)

#### Leg room – mm (inch)

1st row 1,078 (42.4)  
2nd row 955 (37.6)  
3rd row 923 (36.3)

#### Shoulder room – mm (inch)

1st row 1,503 (59.2)  
2nd row 1,499 (59)  
3rd row 1,087 (42.8)



Maximum loadspace behind row 2 – seats up

### Luggage Capacity

#### Loadspace length behind: – mm (inch)

1st row 1,950 (76.8) 7 seat (1,831 (72.1) 5 seat)  
2nd row 1,124 (44.3) 7 seat (1,108 (43.6) 5 seat)  
3rd row 338 (13.3) 7 seat

#### Width – mm (inch)

1,235 (48.6) (1,146 (45.1) between wheel arches)

#### Height – mm (inch)

1,027 (40.4) (1,058 (41.7) with Alpine roof)

#### Loadspace volume behind: – litres (cu. feet)

1st row 2,558 (90.3) 7 seat (2,476 (87.4) 5 seat)  
2nd row 1,192 (42.1) 7 seat (1,260 (44.5) 5 seat)  
3rd row 280 (9.9) 7 seat

## WEIGHTS & PERFORMANCE

Width 2,022mm (79.6 in.) mirrors folded  
2,176mm (85.7 in.) mirrors out



Rear wheel track 1,612.5mm (63.5 in.)



Wheelbase 2,885mm (113.6 in.)



Front wheel track 1,605mm (63.2 in.)



Length 4,829mm (190.1 in.)

### Minimum height - mm (inch)

Roof options

Fixed roof

Alpine roof

With sunroof tilted open

Roof rails

Integrated antenna (Alpine roof)

Air suspension (in access lower mode)

1,837 (72.3)

1,832 (72.1)

1,870 (73.6)

1,841 (72.5)

1,888 (74.3)

### WEIGHTS kg (lbs)

	TDV6 3.0 Auto	SDV6 3.0 Auto
Base kerb mass* (weight from) (EU)	2,583 (5,695)	2,583 (5,695)
Gross vehicle weight	3,240 (7,143) - air suspension	3,240 (7,143) - air suspension
Maximum mass on each axle (front)	1,450 (3,197)	1,450 (3,197)
Maximum mass on each axle (rear)	1,855 (4,090) - air suspension	1,855 (4,090) - air suspension
<b>Towing</b>		
Max towing (towing pack optional)	3,500 (7,716)	3,500 (7,716)
Unbraked trailer	750 (1,653)	750 (1,653)
Maximum mass of vehicle and trailer combination (GTW)	6,740 (14,859) - air suspension	6,740 (14,859) - air suspension

\*EEC kerb includes fluids, tools, spare and 75kg driver

### PERFORMANCE & FUEL ECONOMY

	TDV6 3.0 210hp Auto	SDV6 3.0 245hp Auto
Maximum speed mph (km/h)	112 (180)	112 (180)
Acceleration - secs 0-60mph	10.4	9.0
0-100km/h	10.9	9.6
<b>Fuel economy</b>		
Urban mpg (L/100km)	25.2 (11.2)	25.2 (11.2)
Extra urban mpg (L/100km)	34.0 (8.3)	34.0 (8.3)
Combined mpg (L/100km)	30.4 (9.3)	30.4 (9.3)
Combined CO <sub>2</sub> emissions (g/km)	244	244
Drive by noise/dB	73.0	73.0

Fuel consumption figures: The results given here do not express or imply any guarantee of the fuel consumption of any particular vehicle with which this information may be supplied. Vehicles are not individually tested and there are inevitable differences between individual vehicles of the same model. The vehicle may also incorporate particular modifications. Furthermore, the driver's style and road traffic conditions, as well as the extent to which the vehicle has been driven and the standard of maintenance, will affect its fuel consumption.