

Specifications

Air Spring Suspension

Item

Specification

Independent with standard/Dynamic Response stabilizer bars, and air springs with multiple, driver selectable ride Type heights - Standard, off-road and access.

Steering Geometry - Front



CAUTION: When checking or adjusting front or rear steering geometry, the vehicle must either have a full fuel tank or have sufficient weight placed in the vehicle's load space to give the equivalent weight of a full fuel tank. The weight must be evenly distributed at the front and the right hand side of the load space. The fuel tank capacity is 86.3 litres (18.9 Imperial gallons) (22.7 US gallons). Depending on the amount of fuel in the tank, calculate the amount of weight which must be added:

1 litre of fuel weighs 0.8 kg (1.7 pounds)

1 Imperial gallon of fuel weighs 3.6 kg (8.0 pounds)

1 US gallon of fuel weighs 3.0 kg (6.7 pounds)

Front Suspension at Standard Ride Height	Dynamic (Air) Suspension
Castor	4° 01' ± 45'
	(4.02° ± 0.75°)
Cross Castor	0° ± 45' - Maximum
	(0° ± 0.75° - Maximum)
Camber	-30' ± 45'
	(0.50° ± 0.75°)
Cross Camber	0° ± 45' - Maximum
	(0° ± 0.75° - Maximum)
King Pin Inclination (KPI)	13° 54'
	(13.9°)
Total Toe - all models except TdV8	- 0° 10' ± 12'
	(- 0.16° ± 0.20°)
Total Toe - TdV8 models only	- 0° 05' ± 12'
	(- 0.08° ± 0.20°)

Steering Geometry - Rear

Rear Suspension at Standard Ride Height	Dynamic (Air) Suspension
Camber	-1° ± 45'
	(-1° ± 0.75°)
Cross Camber	0° ± 51' - Maximum
	(0° ± 0.85° - Maximum)
Total Toe - all models except TdV8	0° 14' ± 0.08'
	(0.24° ± 0.14°)
Total Toe - TdV8 models only	0° 24' ± 0.12'
	(0.40° ± 0.20°)
Thrust Angle	0° ± 8' - Maximum
	(0° ± 0.14° - Maximum)