



HM 2.2 Table of Tolerances/Wear Limits

Steering

Steering wheel free play	Max	100 mm
King Pin play (at outer wheel)	Max	10 mm
Ball joint play (including tie rod & drag arm)	Max	1 mm
Shackle pin bush wear (combined)	Max	2 mm
Slip joint spines	Max	1 mm radial
Steering fluid leaks	Max	sweat only

Oil/Fuel leaks

Other oil leaks	Sweat only
Fuel leaks	Sweat only

Brakes

Brake chamber push rod travel	Max 50mm
Brake air hose leaks (incl boosters/diaphragm)	Nil
Brake lining min thickness	3 mm
Air pressure cut out	850 KPa
Air leaks: pressure maintained within 100KPa of full pressure after ½ hour	

Tyres

Tyre pressure	
➤ Steer	110 psi
➤ Drive	95 psi
➤ Trailer	95 psi
Tread depth:	
➤ Steer (above wear limit indicator)	Min 3.5 mm
➤ Drive (above wear limit indicator)	Min 2.5 mm
➤ Trailer (above wear limit indicator)	Min 2.5 mm
Diameter of matching tyres on the same side of axle	+/- 25 mm

Mechanical connections

Turntable movement between upper and lower parts	Max 8 mm
Turntable slack (forward & back)	Max 8 mm
Pins, pintle hooks drawbar eyes	Min 2 mm
Drawbar hinge bushes	Nil

Windscreen

Bulls eye, star fracture exceeds	16 mm diameter
Crack greater than	150 mm long
➤ Must not be in driver's vision	

Suspension

Spring leaves displaced sideways	10% of width
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