

## GENERAL DATA

### Engine - V8

<b>General</b>	
Cylinder arrangement	90° V8, numbered from the front of the engine: ⇒ Left bank cylinders 1, 3, 5 and 7 ⇒ Right bank cylinders 2, 4, 6 and 8
Bore	94.00 mm (3.70 in)
Stroke: ⇒ 4.0 litre ⇒ 4.6 litre	71.04 mm (2.80 in) 81.92 mm (3.22 in)
Capacity: ⇒ 4.0 litre ⇒ 4.6 litre	3950 cm <sup>3</sup> (241 in <sup>3</sup> ) 4554 cm <sup>3</sup> (278 in <sup>3</sup> )
Firing order	1 - 8 - 4 - 3 - 6 - 5 - 7 - 2
Compression ratio: ⇒ Low - 4.0 litre ⇒ High - 4.0 and 4.6 litre	8.23:1 9.35:1
Direction of rotation	Clockwise viewed from the front of the engine
Maximum power - 4.0 litre: ⇒ Low compression ratio ⇒ High compression ratio - UK/Japan/ROW ⇒ High compression ratio - NAS	132 kW (177 bhp) at 4750 rev/min 136 kW (182 bhp) at 4750 rev/min 140 kW (187 bhp) at 4750 rev/min
Maximum power - 4.6 litre	162 kW (217 bhp) at 4750 rev/min
Maximum engine speed: ⇒ Continuous ⇒ Intermittent	5000 rev/min 5250 rev/min
Weight (fully dressed, wet) ⇒ Manual ⇒ Automatic	194 Kg (435 lb) 179 Kg (402 lb)
Dimensions: ⇒ Length - Manual ⇒ Length - Automatic ⇒ Width ⇒ Height	767 mm (30.2 in) (Including fan) 777 mm (30.5 in) (Including fan and drive plate) 652 mm (25.7 in) 746 mm (29.4 in)
Spark plugs: ⇒ Make/Type - 4.0 litre ⇒ Make/type - 4.6 litre ⇒ Gap - 4.0 and 4.6 litre	Champion RC11 PYP B4 Champion RN11 YCC 1.00 ± 0.05 mm (0.040 ± 0.002 in) Non-adjustable
Coils: ⇒ Make ⇒ Type	Bosch 0221 503 407 Twin coils
Fuel injection system: ⇒ Make ⇒ Type	Bosch Motronic 5.2.1 Type 4146 Multiport fuel injection, electronically controlled with electro-mechanical injectors