

## 5.8L ENGINE MECHANICAL SPECIFICATIONS

Description	English Specifications	Metric Specifications
<b>Camshaft</b>		
Lobe lift		
Intake:	0.2780	7.0610
Exhaust:	0.2830	7.1880
End-play		
Standard:	0.001-0.007	0.0254-0.178
Maximum:	0.0090	0.2280
Camshaft journal to bearing clearance:	0.001-0.003	0.0254-0.076
<b>Camshaft drive</b>		
Journal diameter (standard)		
No. 1:	2.0815	52.8700
No. 2:	2.0655	52.4600
No. 3:	2.0515	51.1810
No. 4:	2.0365	51.7270
No. 5:	2.0215	51.3460
Bearing inside diameter		
No. 1:	2.0835	52.9210
No. 2:	2.0685	52.5400
No. 3:	2.0535	52.1590
No. 4:	2.0385	51.7780
No. 5:	2.0235	51.3970
Camshaft front bearing location	0.005-0.020	0.127-0.508
<b>Oil pump and oil capacity</b>		
Relief valve spring pressure @ specified length:	18.2-20.2 lbs. @ 2.49 in.	8.26-9.16 kg @ 63.25mm
Driveshaft to housing clearance:	0.0015-0.003	0.0381-0.076
Relief valve to housing clearance:	0.0015-0.003	0.0381-0.076
Rotor assembly end clearance:	0.004 maximum	0.100 maximum
Outer race to housing clearance:	0.001-0.003	0.0254-0.0762
Engine oil capacity		
U.S. quarts: 5		
Imperial quarts: 4.2		
Litres: 4.7		