



Close Window

ENGINE DATA	V8 HSE	V8 SUPERCHARGED
Capacity	5.0 Liters	5.0 Liters
No. of cylinders	8	8
Cylinder layout	Longitudinal V8	Longitudinal V8
Bore inches (mm)	3.6 inches (92.5mm)	3.6 inches (92.5mm)
Stroke inches (mm)	3.7 inches (93mm)	3.7 inches (93mm)
Compression ratio (:1)	11.5 (+/-0.5)	9.5 (+/-0.5)
Cylinder head material	Aluminum	Aluminum
Cylinder block material	Aluminum	Aluminum
Ignition system	Denso Generation 1.5	Denso Generation 1.5
Valves per cylinder	4	4
Maximum power bhp @ rpm	375 @ 6,500	510 @ 6,000 - 6,500
Maximum torque lb-ft @ rpm (Nm @ rpm)	375@3,500 (510@3,500)	461@2,500-5,500 (625@2,500-5,500)

TRANSMISSION DATA	V8 HSE	V8 SUPERCHARGED
Transmission type	Automatic	Automatic
Gear ratio 6th (High/Low) :1	0.691/2.020	0.691/2.020
5th (High/Low) :1	0.867/2.540	0.867/2.540
4th (High/Low) :1	1.143/3.350	1.143/3.350
3rd (High/Low) :1	1.521/4.460	1.521/4.460
2nd (High/Low) :1	2.340/6.860	2.340/6.860
1st (High/Low) :1	4.171/12.220	4.171/12.220
Reverse (High/Low) :1	3.403/9.960	3.403/9.960
Final Drive ratio :1	3.54	3.54
Transfer box ratio High :1	1	1
Transfer box ratio Low :1	2.93:1	2.93:1
Shift-on-the-move (mph/kph) - max High to Low	12/20	12/20
Low to High (mph/kph)	37/60	37/60
In gear speed (mph/kph) 6th High	130/210	140/225
1st High (mph/kph)	32/51	30/49
1st Low (mph/kph)	11/18	11/17