

GENERAL SPECIFICATIONS

Note: For vehicles fitted with Perkins diesel engine refer Perkins Handbook.

● Engine	5.8 litre 4-V	High Compression 4, 1 litre
Bore	101.6 mm	93.5mm
Stroke	88.9 mm	99.3 mm
Cubic Capacity	5.8 litre	4.1 litre
Compression Ratio	8.9:1	9.3:1
Taxable Horsepower	51.2	32.50
Engine Power (DIN)	149 kW @ 4300 r.p.m.	102 kW @ 3700 r.p.m.
Torque (DIN)	410 Nm @ 3000 r.p.m.	305 Nm @ 2200 r.p.m.
Firing Order	1-3-7-2-6-5-4-8	1-5-3-6-2-4
Valve Clearance — Inlet and Exhaust	Non Adjustable	Non Adjustable
Curb Idle Speed — R.P.M. (Manual)	800 - 825 (in neutral)	775 - 825 (in neutral)
(Automatic)	600 - 625 (in drive)	625 - 725 (in neutral)

WARNING

ELECTRONIC IGNITION SYSTEM

6 & 8 CYLINDER PETROL ENGINES ARE EQUIPPED WITH AN ELECTRONIC IGNITION SYSTEM WHICH GENERATES VOLTAGE UP TO 25kv. CARE SHOULD BE TAKEN WHEN SERVICING, TO AVOID CONTACT WITH CONDUCTIVE PARTS AND HENCE SEVERE ELECTRICAL SHOCK. THESE SYSTEMS CAN PRODUCE **HIGH TENSION VOLTAGES** IN THE PRIMARY AND SECONDARY CIRCUIT WHICH ARE DANGEROUS. PLEASE ENSURE THAT ALL WORK IS CARRIED OUT WITH UTMOST CARE. BEFORE REMOVING OR REFITTING ANY PARTS OR ELECTRICAL CONNECTIONS ENSURE THAT IGNITION SYSTEM IS SWITCHED OFF.

● Ignition System		
Spark Plugs — Type	Motorcraft ARF 42	Motorcraft AGR 42
— Gap	0.80 - 0.90 mm	0.80 - 0.90 mm
Contact Breaker Point Gap	Breakerless Ignition	Breakerless Ignition
Dwell Angle at Idle Speed	Breakerless Ignition	Breakerless Ignition
Ignition Timing at Ground Idle (Solenoid De-energised)	6 B.T.D.C. + 500 r.p.m. ± 50	10 ± 2 @ 500 r.p.m. ± 50
● Clutch		
Type	Diaphragm Spring (Single Plate)	Diaphragm Spring (Twin Plate)
Diameter	279 mm	241 mm