Sook Two

BOOK TWO CONTENTS

Section Number		Page
04 c	GENERAL SPECIFICATION DATA	
-	—V8 engine data —Fuel system —Cooling system —Clutch	1 3 3 3
06 т	TORQUE WRENCH SETTINGS	
	—Engines —Clutch	1
12 v	V8 CYLINDER ENGINE	
- - - - - - -	-Overhaul engine -Cylinder head -Flywheel -Timing gear cover and water pump -Oil pump -Timing chain gears and camshaft -Connecting rods and pistons -Crankshaft -Assembling engine -Fault diagnosis	1 3 6 7 8 9 10 16 18 30
17 E	EMISSION CONTROL	
- - - - - -	-Description -Engine breather filter — remove and refit -Engine flame traps — remove and refit -Adsorption canister — remove and refit -Pulsair air injection -Pulsair manifold — remove and refit -Pulsair check valve — remove and refit -Air intake temperature control system — description -Control valve — check — remove and refit -Temperature sensor — remove and refit -Vacuum delay valve -Air intake temperature control — fault diagnosis	1 1 2 3 3 4 5 6 6 7 7 9

Continued

Section
Number

Page

19	FUEL SYSTEM—ELECTRONIC FUEL INJECTION
----	---------------------------------------

—Components	1
—Wiring diagram	2
—Description	3
—Engine setting procedure	4
—Continuity tests AVO meter	5
—Fault diagnosis — hot start	12
Fault diagnosis general	13
—Engine tuning procedure	14
—Check and adjust ignition timing	14
Check and adjust idle speed	14
—Check and adjust idle CO level	14
—Air cleaner — remove and refit	14
—Resetting throttle levers	15
—Renew throttle cable	15
-Relays - remove and refit	16
—Electronic control unit	16
—Throttle potentiometer — remove, refit and setting	17
—Thermotime switch — test — remove and refit	18
—Coolant temperature sensor — test — remove and refit	18
—Air temperature sensor — test	19
—Airflow meter — remove and refit	19
—Power resistor — remove and refit	20
—Over-run fuel shut-off valve — remove and refit	20
—Solenoid operated air valve — remove and refit	20
—Depressurise fuel system	21
—Fuel pressure regulator — test — remove and refit	21
—Plenum chamber — remove and refit	22
—Ram housing — remove and refit	22
—Extra air valve — test — remove and refit	23
—Fuel rails — remove and refit	24
—Injectors — test — remove and refit	24
—Intake manifold — remove and refit	26
—Fuel line filter — remove and refit	27
—Fuel pump — remove and refit	27
—Fuel pipes	28
TO THE SECTION OF THE	20

19 FUEL SYSTEM—CARBURETTER

—Air filter — remove and refit	1
—Carburetter description — tamperproofing	2
—Carburetters — tune and adjust	2
—Slow running — adjust	3
—Fast idle — adjust	4
—Idle mixture — adjust	4
Carburetter remove and refit	6
—Carburetter overhaul	8
—Throttle cable — remove and refit	11
—Throttle linkage — remove and refit	12
Choke cable remove and refit	13
-Throttle pedal - remove and refit	14
—Fuel filter — remove and refit	14
—Fuel pipes	15
—Fuel tank and pump — remove and refit	15
—Fault diagnosis	16

Section Number		Page
26	COOLING SYSTEM	
	Coolant drain and refillCoolant requirements	1 2 2 3 3 3 4 4 4 5 5
30	MANIFOLD AND EXHAUST SYSTEM	
	—Induction manifold — remove and refit —Exhaust system complete — remove and refit —Exhaust manifold — remove and refit	1 2 4
33	CLUTCH	
	—Clutch assembly — overhaul — remove and refit —Hydraulic system — bleed —Master cylinder — remove and refit — overhaul —Release bearing assembly — remove and refit —Clutch pedal — remove and refit —Slave cylinder — remove and refit — overhaul	1 1 1 2 2 2 3 4 5 5

<u>Notes</u>

We the second se	100