

Bookmarks

- 1996 Fbody Service Manual Volume #1
 - Table Of Contents
 - Section 0 General Information
 - Section 2 Heating and Air Conditioning
 - Section 3 Steering, Suspension, Tires and Wheels
 - Section 4 Final Drive
 - Section 5 Brakes
 - Section 6 Engine
 - General Information and Mechanical Diagnosis
 - 5.7Liter V8 Engine On-Vehicle Service RPO LT1 - VIN P
 - 5.7 Liter V8 Engine Unit Repair RPO LT1 - VIN P
 - 3800 Engine On-Vehicle Service L36 (VIN K)
 - 3800 Engine Unit Repair L36 (VIN K)
 - Cooling and Radiator
 - Engine Fuel
 - Engine Electrical

Step #1
 Click on this icon to open the Bookmark Window. When have found the section you're looking for, you can click on this icon again to close the Bookmark Window

Step #2
 Click on the Bookmark for the section of the manual you're looking for. This will take you to the first page of the section.

If this box has a + in it, click on it to expand the bookmarks to show the topics contained within the section.

Now you can click on subject you're looking for and it will take you to the first page of the topic selected.

ENGINE GENERAL INFORMATION AND MECHANICAL DIAGNOSIS 6-1

SECTION 6

ENGINE

CONTENTS

Engine General Information and Mechanical Diagnosis.....	Section 6	Cranking System.....	Section 6D2
5.7 Liter V8 Engine On-Vehicle Service.....	Section 6A3A	Charging System.....	Section 6D3
5.7 Liter V8 Engine Unit Repair.....	Section 6A3B	Ignition System.....	Section 6D4
3800 V6 Engine On-Vehicle Service.....	Section 6A8A	Engine Wiring.....	Section 6D5
3800 V6 Engine Unit Repair.....	Section 6A8B	Driveability and Emissions - General Information.....	Section 6E
Cooling and Radiator.....	Section 6B	Driveability and Emissions - Fuel Injection (SPI) (3800).....	Section 6E3
Engine Fuel.....	Section 6C	Driveability and Emissions - Fuel Injection (SPI) (5.7L).....	Section 6E3
Engine Electrical.....	Section 6D	Exhaust System.....	Section 6F
Battery.....	Section 6D1		

SECTION 6

ENGINE GENERAL INFORMATION AND MECHANICAL DIAGNOSIS

CAUTION: This vehicle is equipped with Supplemental Inflatable Restraint (SIR). Refer to CAUTIONS in Section 9J under "On-Vehicle Service" and the SIR Component and Wiring Location view in Section 9J before performing service on or around SIR components or wiring. Failure to follow CAUTIONS could result in possible air bag deployment, personal injury, or unneeded SIR system repairs.

CONTENTS

Description of Section 6.....	6-2	Secondary Air Injection (AIR) System Monitoring.....	6-4
Section 6A - Engine Mechanical.....	6-2	Evaporative Emission Canister Purge Valve Monitoring.....	6-5
Section 6B - Cooling and Radiator.....	6-2	Engine Coolant Temperature (ECT) Sensor Monitoring.....	6-5
Section 6C - Engine Fuel.....	6-2	Engine Misfire Mechanical Diagnosis.....	6-5
Section 6D - Engine Electrical.....	6-2	Engine Mechanical Diagnosis.....	6-5
Section 6E - Driveability and Emissions - General Information.....	6-2	Excessive Oil Loss.....	6-5
Section 6F - Exhaust System.....	6-2	Oil Leak Diagnosis.....	6-5
General Information.....	6-2	Finding the Leak.....	6-5
Cleanliness and Care.....	6-2	Repairing the Leak.....	6-7
General Information on Engine Service.....	6-3	Low or No Oil Pressure.....	6-8
Engine Performance Diagnosis.....	6-3	Engine Noise Diagnosis.....	6-8
On-Board Diagnostics II (OBD II).....	6-3	Main Bearing Noise.....	6-9
Heated Oxygen Sensor (HO2S) Monitoring.....	6-3	Connecting Rod Bearing Noise.....	6-9
Catalyst Monitoring.....	6-3	Timing Gear or Chain and Sprocket Noise.....	6-9
Misfire Monitoring.....	6-4	Piston Noises.....	6-9
Fuel Trim System Monitoring.....	6-4	Valve Mechanism or Valve Train Noises.....	6-9
Exhaust Gas Recirculation (EGR) System Monitoring.....	6-4	Rattle (Balance Shaft).....	6-10