

DESCRIPTION

This Section covers various engine tests, adjustments, service procedures and cleaning / inspection procedures. Engine assembly and service specifications appear at the end of the appropriate engine Section.

For engine removal, disassembly, assembly, installation, adjustment procedures and specifications, refer to the appropriate engine Section.

These engines incorporate a closed-type positive crankcase ventilation (PCV) system and exhaust emission control system. All engine / emission control systems are covered in the Powertrain Control / Emissions Diagnosis Manual.¹

To maintain the required exhaust emission levels, the fuel system, ignition system and engine must be kept in good operating condition and meet recommended adjustment specifications.

When performing tests, adjustments or service to the engine, ignition system or fuel system, it is essential to follow the procedures and specifications in the appropriate service section in this manual, and in the Powertrain Control / Emissions Diagnosis Manual.¹

Before replacing damaged or worn engine components such as the crankshaft, cylinder heads, valve guides, valves, camshafts or cylinder block, ensure the part(s) are not serviceable.

WARNING: TO AVOID THE POSSIBILITY OF PERSONAL INJURY OR DAMAGE TO THE VEHICLE, DO NOT OPERATE THE ENGINE WITH THE HOOD OPEN UNTIL THE FAN HAS FIRST BEEN EXAMINED FOR POSSIBLE CRACKS AND SEPARATION.

Exhaust Emission Control System

Operation, removal, installation and required maintenance of the exhaust emission control devices used on these engines are covered in the Powertrain Control / Emissions Diagnosis Manual.¹

Engine Identification

For quick engine identification, refer to the Safety Certification Decal. The decal is mounted on the LH front door lock face panel. Find the engine code (letter or number) on the decal, then refer to the engine identification chart to determine the engine type and size. An engine identification label is also attached to the engine. The symbol code on the identification tag identifies each engine for determining parts usage; for instance, engine cubic inch displacement and model year. Engine decal information is located in Section 03-01A (3.0L), 03-01B (3.0L / 3.2L SHO) or 03-01C (3.8L).

Safety Certification Decal


1FABP43F9DB100001															
VEHICLE IDENTIFICATION NUMBER															
MFD. BY FORD MOTOR CO. IN U.S.A.															
DATE: 9-87				FRONT GAWR: 2714 LB 1231 KG				GVWR: 5347 LB - 2425 KG				REAR GAWR: 2683 LB 1216 KG			
THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR VEHICLE SAFETY AND BUMPER STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.															
VEH. IDENT. NO. 1FABP43F9DB100001															
TYPE PASSENGER															
3H															
EXTERIOR PAINT COLORS															
BODY	VR	MLOG	INT.	TRIM	A/C	R	S	AX	TR						
54K	YB	84A		GB	A	2	B	8	X8BBB						
ENGINE CODE (8th CHARACTER)						MODEL YEAR									
						A6972-D									

Emission Calibration Label

The emission calibration number label is located on the LH side door or LH door post pillar. It identifies the engine calibration number, the engine code number and revision level.

These numbers are used to determine if parts are unique to specific engines.

Engine Emission Calibration Number Label

CALIBRATION			
ÉTALONNAGE			
CALIBRACIÓN			
8-25F-R00		E8AE-GE061-AAA	
↑			
CALIBRATION REVISION NUMBER		A14130-1A	

Always refer to these labels when replacement parts are required or when checking engine calibrations. Engine parts often differ within a CID family. Verification of identification codes will ensure that the proper parts are obtained. These codes contain all pertinent information relating to dates, optional equipment and revisions. The Ford Master Parts Catalog contains a complete listing of the codes and their application.

¹ Can be purchased as a separate item.