

DESCRIPTION AND OPERATION > INTAKE AIR DISTRIBUTION AND FILTERING - OVERVIEW > OVERVIEW

The air intake system cleans intake air with a replaceable, dry-type engine Air Cleaner (ACL) element made of treated, pleated paper. A new Air Cleaner (ACL) element must be installed periodically as scheduled. Engine performance and fuel economy are adversely affected when maximum restriction of the Air Cleaner (ACL) element is reached.

The air intake system measures airflow with the MAF sensor.

DIAGNOSIS AND TESTING > INTAKE AIR DISTRIBUTION AND FILTERING

Diagnostics in this service information assume a certain skill level and knowledge of Ford-specific diagnostic practices. For information about these, REFER to: Diagnostic Methods .

For PCM DTC,

REFER to: ELECTRONIC ENGINE CONTROLS .

For driveability symptoms without DTC, Refer to ENGINE CONTROLS - SYMPTOM CHARTS (EXCEPT DIESEL & HYBRID) .

REMOVAL AND INSTALLATION > AIR CLEANER > REMOVAL



NOTE: Removal steps in this procedure may contain installation details.

1.

1.

Loosen the clamp and position the air cleaner outlet pipe from the air cleaner.

Torque

: 44 lb.in (5 Nm)

2.

Disconnect the MAF sensor electrical connector.

3.

Detach and position the wire harness from the air cleaner.