2470, 2670 Tractor

Service Manual

9-78399

CASE

MidWestTech | Case 2470, 2670 Tractor Service Manual | Publication 9-78399

Order the manual at mid-west-tech.com >

TABLE OF CONTENTS

RUN-IN INSTRUCTIONS 3,4

DETAILED ENGINE SPECIFICATIONS 5-11

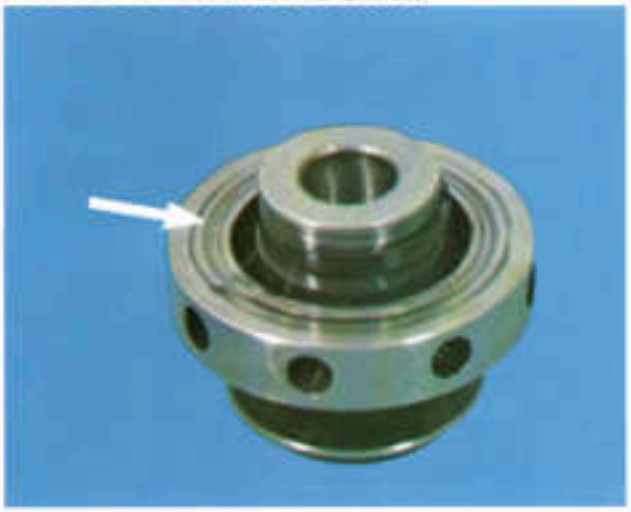
- Cylinder Sleeves 5
- Piston 5
- Piston Rings 5
- Piston Pin 6
- Connecting Rod 6
- Crankshaft 6,7
- Camshaft 7
- Valve Push Rod Lifters 8
- Gear Train 8
- Oil Pump 8,9
- Cylinder Head 9
- Exhaust Valve 9
- Intake Valve 9,10
- Intake and Exhaust Valve Guides 10
- Valve Spring 10
- Rocker Arm Assembly 10
- Intake Valve Timing 11

SPECIAL TORQUES 11

GENERAL TORQUE SPECIFICATION TABLE 12

MidWestTech | Case 2470, 2670 Tractor Service Manual | Publication 9-78399 Order the manual at mid-west-tech.com >

Scored Thrust Collar



Scoring on the thrust collar caused by dirty oil usually because engine oil and/or oil filters were not changed at the recommended intervals.

Compressor Damage - Soft



Soft material getting into the inlet will damage the compressor blades as shown. The damage to this blade was caused by a shop towel being left in the intake system.

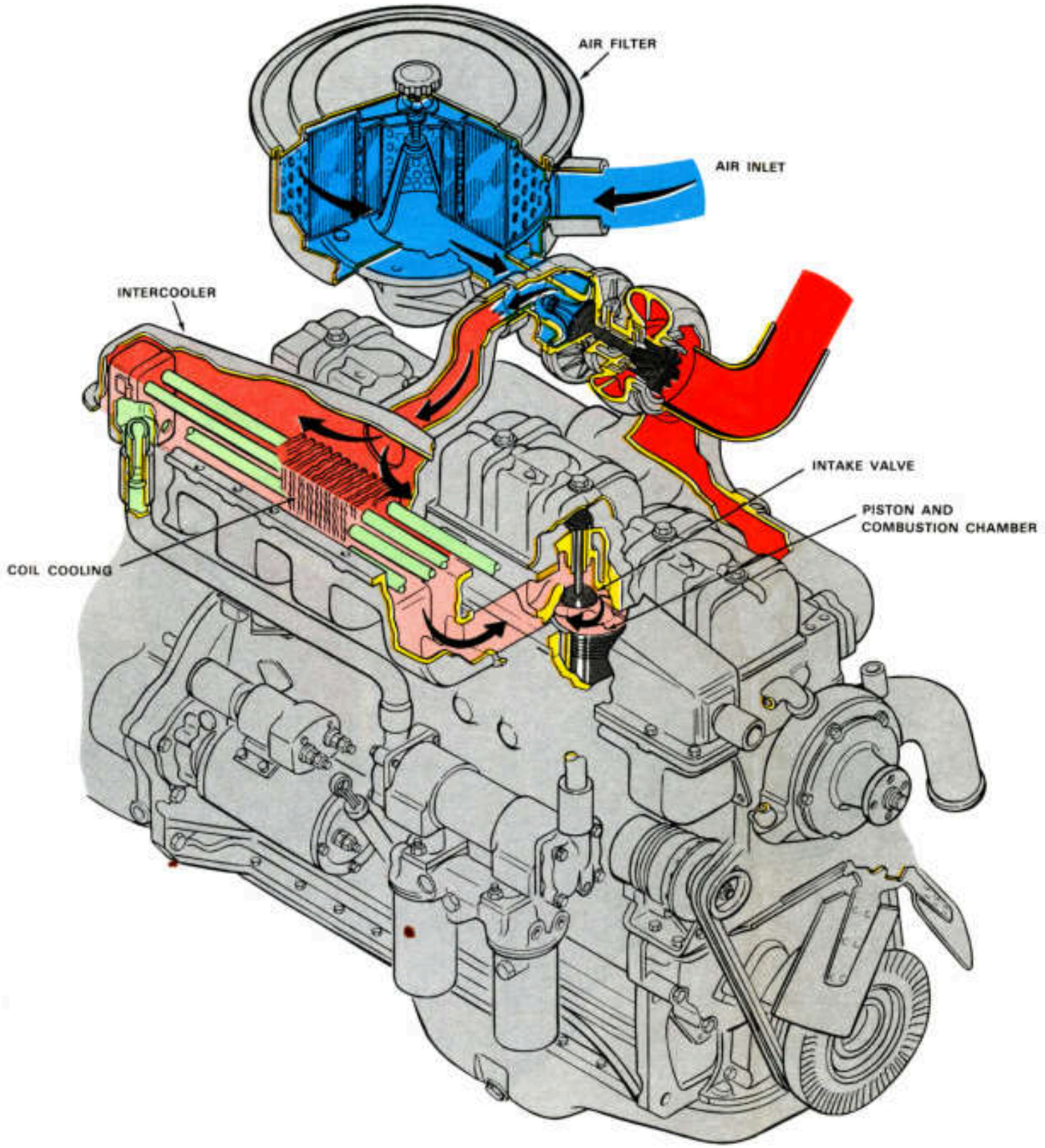
Compressor Damage - Hard





Hard material such as a nut, wire, wrench or bolt getting into the inlet will damage the compressor blades as shown. The compressor housing will be marked by the bits of foreign material. If damage to blades is so extensive that wheel balance is destroyed, some wheel-to-housing contact damage may also be present.

Order the manual at mid-west-tech.com >



INTAKE

Air enters the air filter at the air inlet. At full load, the exhaust driven turbocharger compresses the intake air causing the temperature of the air to increase about 270°. This heated air is cooled about 140° before entering the combustion chamber, by passing the air over the cooling coils of the intercooler.

Order the manual at mid-west-tech.com >