

## 3126 Marine Engine

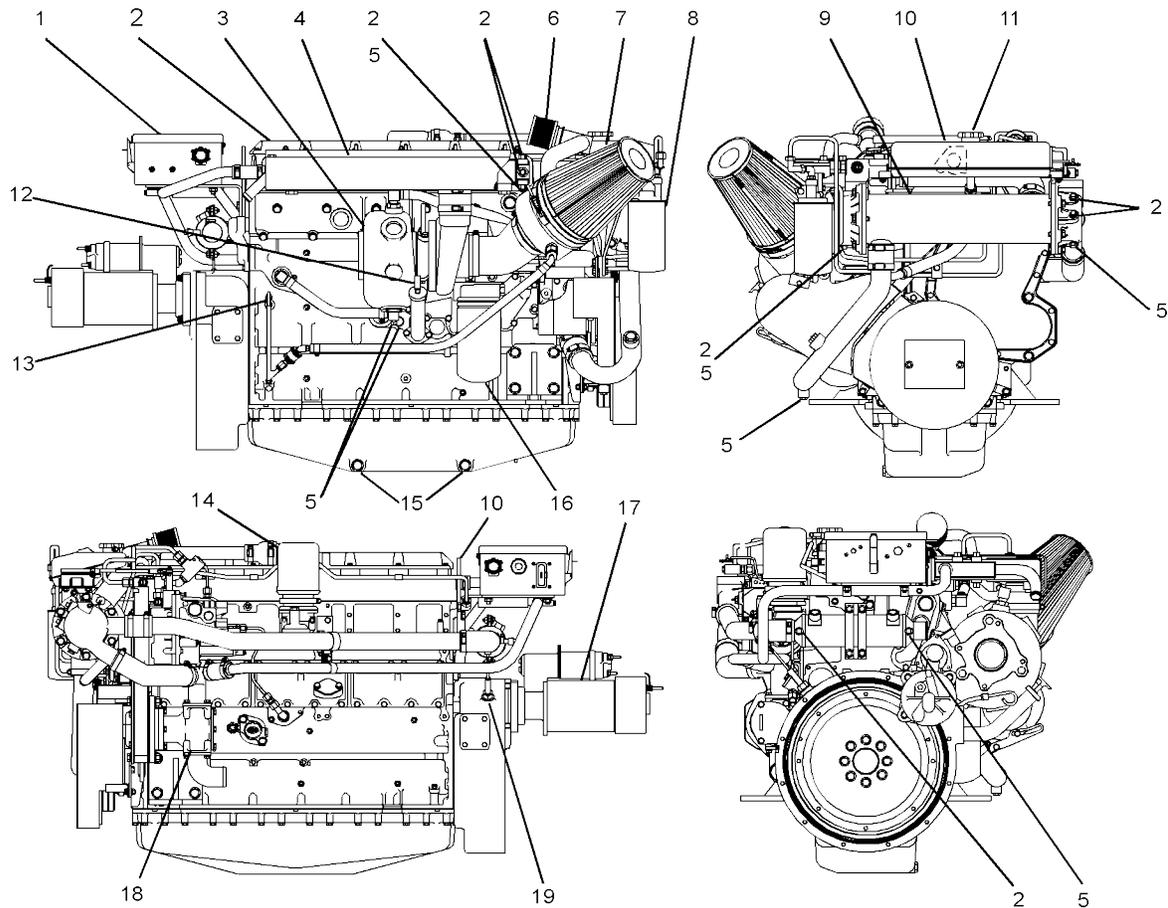


Illustration 11

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- |                              |                                |                                     |
|------------------------------|--------------------------------|-------------------------------------|
| (1) Junction box             | (8) Fuel filter                | (15) Oil drain plugs                |
| (2) Zinc rods                | (9) Heat exchanger             | (16) Oil filter                     |
| (3) Turbocharger             | (10) Lifting eyes              | (17) Starting motor                 |
| (4) Aftercooler              | (11) Expansion tank filler cap | (18) Raw/Seawater pump              |
| (5) Water drain plugs        | (12) Oil filler cap            | (19) Magnetic speed pickup location |
| (6) Vacuum regulator element | (13) Oil level gauge           |                                     |
| (7) Air cleaner element      | (14) Engine crankcase breather |                                     |

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- Turbocharged aftercooling

## Product Description

**SMCS Code:** 1000; 4450; 4491

The Cat 3116 and 3126 Marine Engines have the following characteristics:

- Four-stroke cycle
- Mechanical fuel system
- Direct fuel injection
- Six in-line cylinders
- Two valves per head

A hydromechanical governor controls the output of the fuel injector. The governor maintains the selected engine rpm. Individual fuel injectors (one per cylinder) meter fuel and individual fuel injectors pump fuel under high pressure through the fuel injector nozzles to the cylinders.

The fuel ratio control is located on the governor. The fuel ratio control restricts the fuel rack movement. In order to minimize exhaust smoke, only the proper amount of fuel is injected into the cylinders during acceleration.