



# International / Navistar

## DT466- DT466E-DT530-DT530E 1530E- DT570- HT570

2.97-3.17 liter  
acceleration  
modulation



1 ENGINE CONTROL SYSTEM OVERVIEW



Figure 1-1 Engine Diagram

The fuel pump draws fuel from the fuel tank. Fuel flows through the pressure pump. The supply pump increases the fuel pressure to approximately 150 psi (10.3 bar). Fuel is pumped through the fuel filter and supply manifold for distribution through the head to the fuel injectors.

Pressure is controlled by the pressure regulator mounted to the rear of the fuel manifold.

After fuel is injected, the pressure regulator returns excess fuel to the tank.

In the injectors, the fuel pressure is increased to injection pressure of approximately 21,000 psi (1,448 bar).

# **Dt570 Service Manual**

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web single tuned circuit consider the single tuned circuit in fig 10 21 a tank circuit i.e. a parallel resonant circuit on the secondary side is inductively coupled to coil 1 which is excited by a source  $v_i$  let  $r_s$  be the source resistance and  $r_1$   $r_2$  be the resistances of coils 1 and 2 respectively

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inductances of both the primary and secondary windings are tuned separately with a capacitor across each the scheme results in a wider bandwidth and steeper skirts than a single tuned circuit would achieve

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