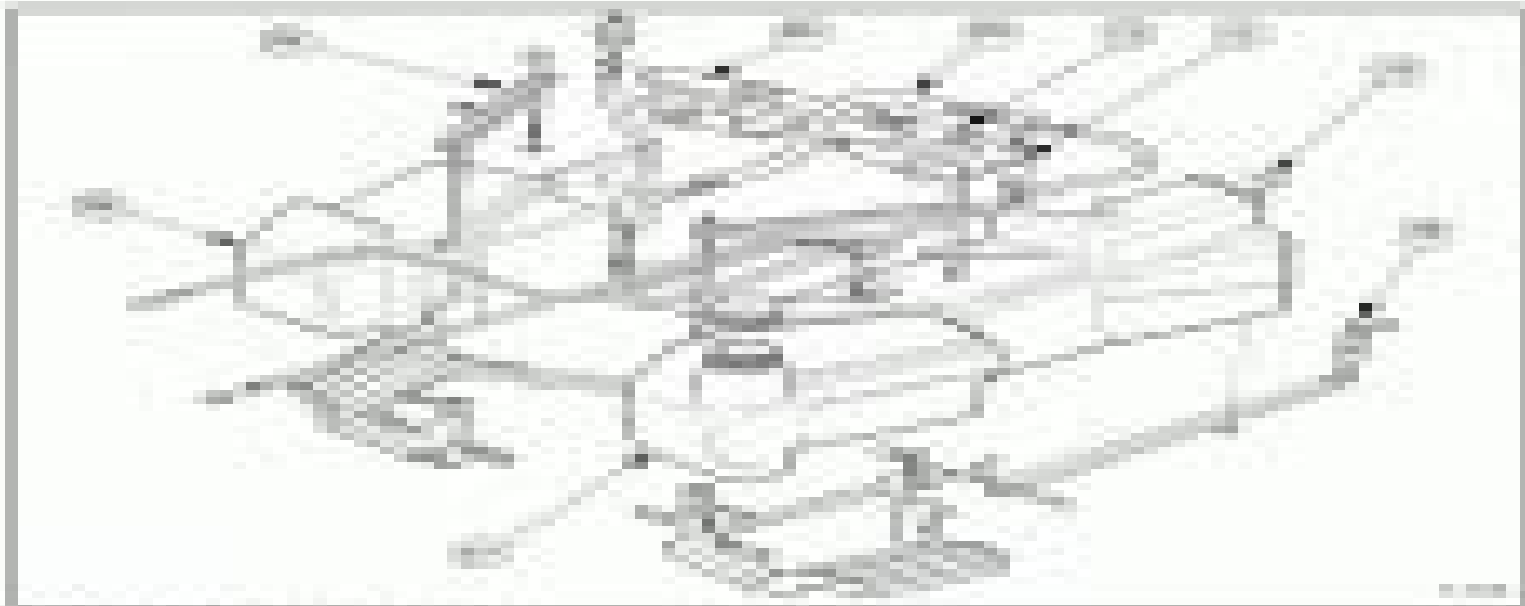




## FUEL SYSTEM - FUEL INJECTOR

### FUNCTION/DESCRIPTION

#### Function

The fuel injector is responsible for delivering the correct amount of fuel to the combustion chamber. It is controlled by the engine control unit (ECU) and the fuel pressure regulator. The fuel injector is a critical component of the fuel system and its proper operation is essential for the engine to run smoothly.

- 1. Fuel Injector: Delivers fuel to the combustion chamber.
- 2. Fuel Pressure Regulator: Maintains a constant fuel pressure in the fuel line.
- 3. Fuel Filter: Filters the fuel to remove any impurities.
- 4. Fuel Manifold: Distributes the fuel to the fuel injectors.
- 5. Fuel Return Line: Returns excess fuel to the fuel tank.

**NOTE:** The fuel injector is a critical component of the fuel system and its proper operation is essential for the engine to run smoothly.



# Massey Ferguson 4300 Service Manual

**L Cohen**



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