

**Extra Exhaust Hardware**

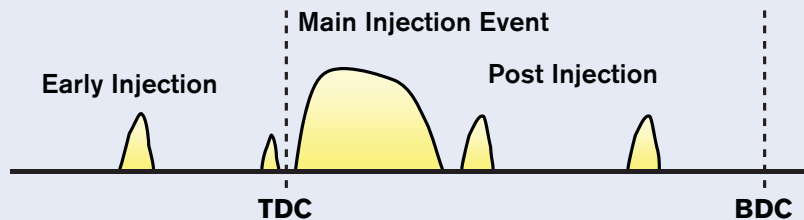
**Extra Fluid**

### How will MaxxForce™ and Navistar® meet the new emissions

## Step 1

### Advanced Fuel Injection Technology

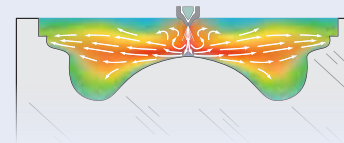
Our next-generation fuel injection systems are capable of delivering fuel into the cylinder multiple times per cycle and at higher pressures. Utilization of one or more pre- and post-injections along with the main injection event means combustion can take place over a longer period and be more complete, resulting in less creation of NO<sub>x</sub> emissions.



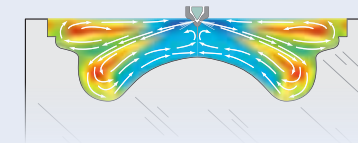
## Step 2

### Proprietary Combustion Bowl Design

Our redesigned combustion bowl combines with the higher fuel injection pressure to break the fuel up into a finer mist spread more evenly inside the cylinder, resulting in a more complete and cleaner burn.



**OLD DESIGN**  
Fuel not distributed evenly,  
burns inconsistently



**NEW DESIGN**  
Fuel is a finer mist for a  
smoother, more complete and  
cleaner burn