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Coding Information

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Title: Maxxforce 11/13L, N13L and 2010+ Maxxforce V8 Cylinder Head Crack Inspection

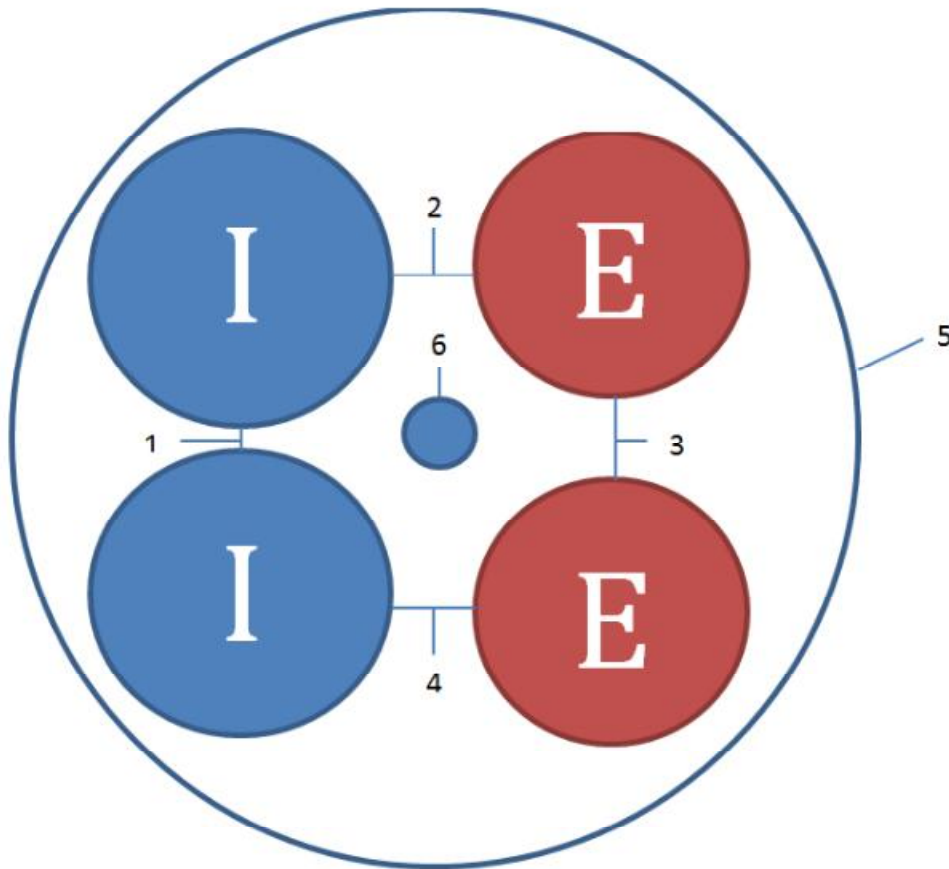
Applies To: All Maxxforce 11/13L engines, N13 engines and 2010+ Maxxforce V8 engines

CHANGE LOG

- 2015/11/09 - Updated to include 2010 Maxxforce V8
- 2015/08/24 - Updated visibility
- 2014/04/09 - Launch as internal release only

DESCRIPTION

MF 11/13, N13 and MF7 Cylinder Head Crack Inspection Guide



Acceptable Cracks

- Cracks of any length in location 1, between the intake ports, are acceptable
- Cracks of less than 3 mm length from location 6, Injector bore are acceptable
- Cracks between all other ports, locations 2,3, &4 are only acceptable if they are less than 3mm in length and do not contact the valve seat
- Cracks that appear on the surface of the fire deck and are less than 3mm in length; including cracks emanating from valve seats but not between valves

Unacceptable cracks

- Any cracks that run the entire length between the ports in locations 2,3, &4 are unacceptable and warrant cylinder head replacement
- Any cracks, regardless of length, that run along the combustion sealing surface, location 5, are unacceptable and warrant cylinder head replacement
- If there are multiple cracks propagating from a single valve seat, the head warrants replacement
- If there are cracks in multiple locations 1-4, on any single cylinder, the head warrants replacement

WARRANTY INFORMATION

Warranty Claim Coding:

Group: 12000 - Engine

Noun: 342 - Head, Cylinder

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