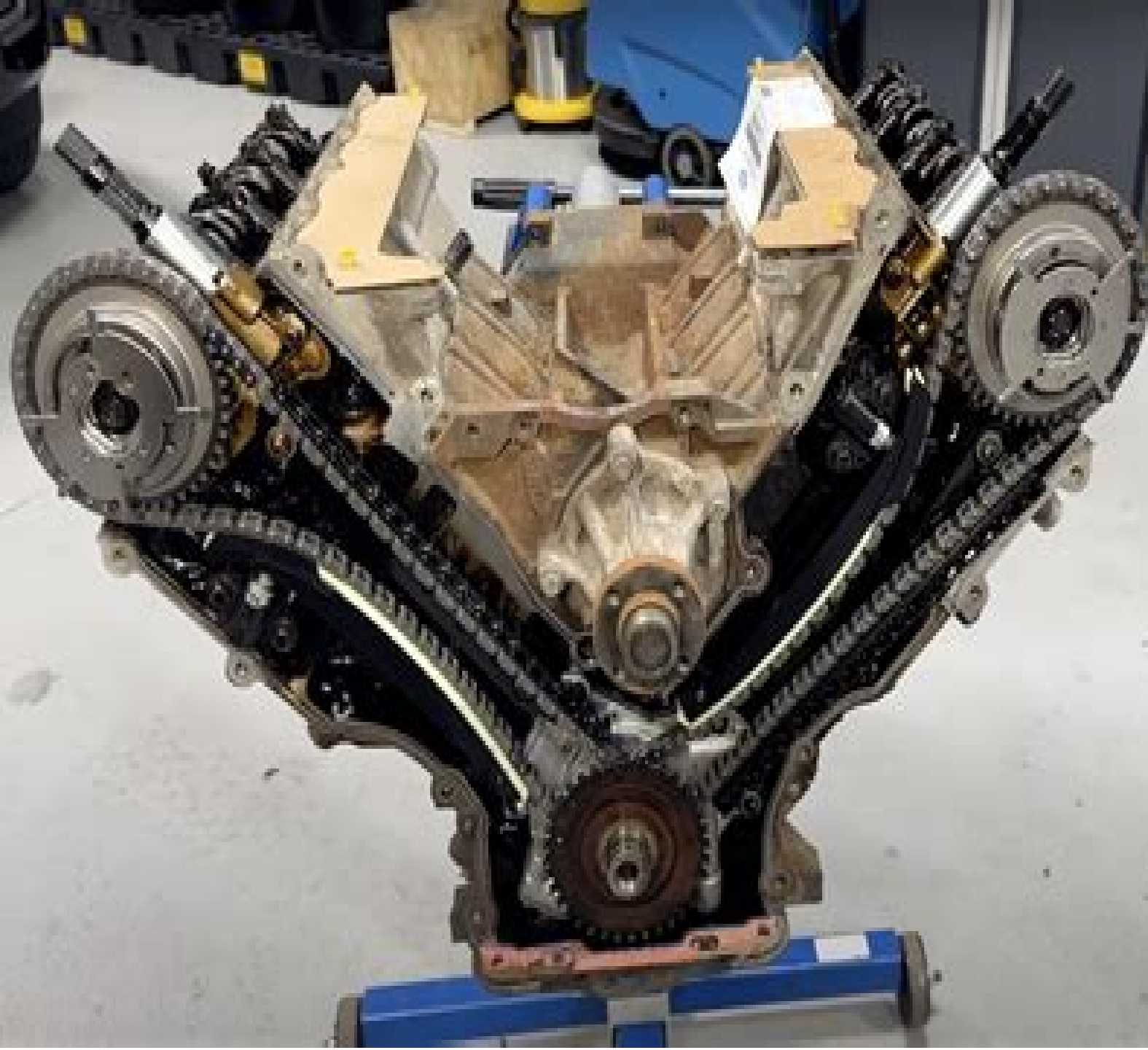




# 3 Ford Expedition Engine Sputters

**Sabine Zange**



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### 3 Ford Expedition Engine Sputters Book Review: Unveiling the Power of Words

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web solution w d 1 5936 0 500 mol 8 3145 j k<sup>-1</sup> mol<sup>-1</sup> 300 K d 1 99 103 j K<sup>-1</sup> q d w d 1 99 103 j 3 5 this problem is designed to test the assertion on page 60 that for typical thermodynamic processes in which the elevation of the center of mass changes it is usually a good approximation to set  $w$  equal to  $w_{\text{lab}}$

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web solution for a refrigerator  $\text{COP}_{\text{low } T}$  high  $T$  low solve for the hot side temperature  $45^\circ\text{C}$  low  $273^\circ\text{C}$  high  $T$  low  $\text{COP} = 10.45$   $273^\circ\text{C}$   $250.8 \text{ K}$  answer is a 2 helium

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