

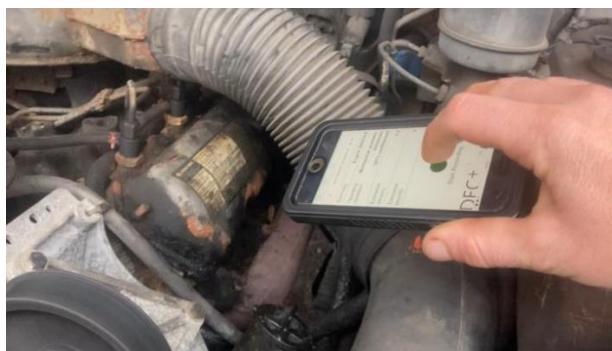
TN 258000 F: Introducing DEC+ Web App

16DEC25

1. What is this product?

We taught a computer everything we know about diesel engine noises. This tool lets you talk to that computer. Turns out computers have much better hearing and attention to detail, so it gives you the benefit of both an experienced ear and superhuman hearing.

The tool gives outputs describing the operating state of the engine; potential outputs are “normal”, “valvetrain noise”, “injector noise”, and “short block noise”. Weight and severity estimates are given if applicable.

**2. How do I use it?**

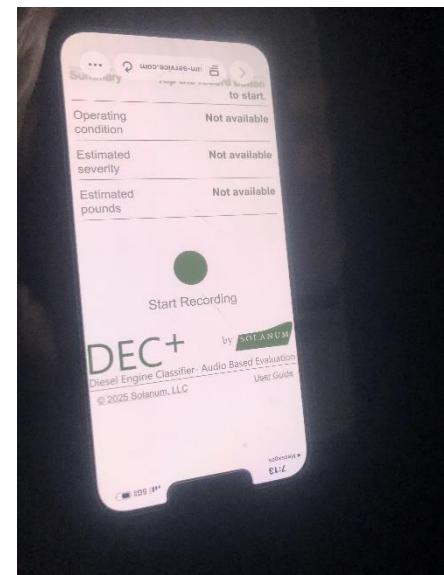
Visit solanum-service.com/dec on any mobile phone, then take a recording of any 3- or more cylinder diesel engine as it runs at low idle. Results appear after a short delay for processing.

3. WHY IS IT UPSIDE DOWN

It's right side up, your phone is upside down. Point the microphone towards the engine rather than toward yourself, then the text will be readable.

4. What do the outputs mean?

Summary	Tool status
Operating Condition	Whether the engine is best described as “normal” or as having some problem
Estimated Severity	0= stable, no damage 1= moderate malfunction 2= Severe damage
Estimated Pounds	How heavy the component causing any mechanical issue is



Outputs are intended to support prioritization and further evaluation, not to replace diagnostic testing or technician judgment.