Time Savings With EHOOKS

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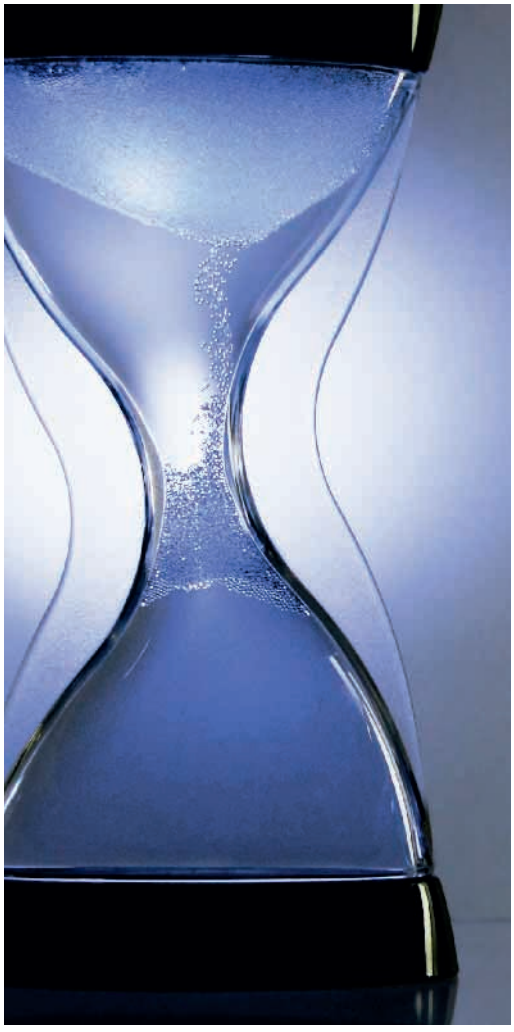
EHOOKS supports Denso ECUs

The EHOOKS software tool from ETAS provides many efficient functions. EHOOKS users are able to place their bypass hooks directly into the HEX and A2L files, allowing OEMs to easily change their required bypass hook points for rapid prototyping.



Thanks to this remarkable technology, the operating efficiency between the OEM and ECU supplier is significantly improved, resulting in reduced development times. Since the ECU supplier has the ability to select the open areas of the software, its intellectual property is always protected.

Furthermore, EHOOKS provides the functionality to not only place the bypass hooks but also to change or fix RAM parameters, enabling engineers to modify/fix ECU parameters according to their requirements. EHOOKS can be applied for ECU test and calibration activities and is particularly beneficial in the following use cases:

1. The ability to change final output parameters makes it easy to calibrate ignition timing, air/fuel ratio, and variable valve timing.
2. Unstable input parameters can be replaced by fixed values.
3. The software setup for testing on an engine test bench can be done without a vehicle harness:
- Fail safe protection because of quasi-vehicle speed input
- Setting of quasi-vehicle network signals

4. Stabilized testing conditions.
5. Efficient diagnostic function tests:
- Validation of diagnostic functions when input/internal parameters are changed
- Direct activation of error conditions
- Validation of data values (transmission message, sensor value, measurement value for emission)

EHOOKS is customized for each ECU. In addition to the Bosch MEDC17 series and Continental CTCEMS ECUs, EHOOKS now also supports the Denso Powertrain ECUs. As for the Bosch and Continental releases, EHOOKS for Denso was developed with the strong support and close cooperation of the ECU supplier.

Keep an eye on EHOOKS!