

Ignition, Primary

Note: This operation does not apply to Z14XE, Z16XE, Z16YNG, X20XEV, X20XER engines and also not to Frontera X22SE and Corsa-C Z16SE.

Objective:

Analysis of the primary voltage generated in the engine control unit.

Measurement:

Plot of the primary voltage with the engine idling (single display).

Preparation:

Caution - high voltage! Observe safety advice! Engine oil temperature > 80 °C.

Connections:

INPUT A	COM/TRIGGER	INPUT B
Connect the red measurement lead to the ignition coil plug terminal according to the table below. Connect the black ground lead to ground.		

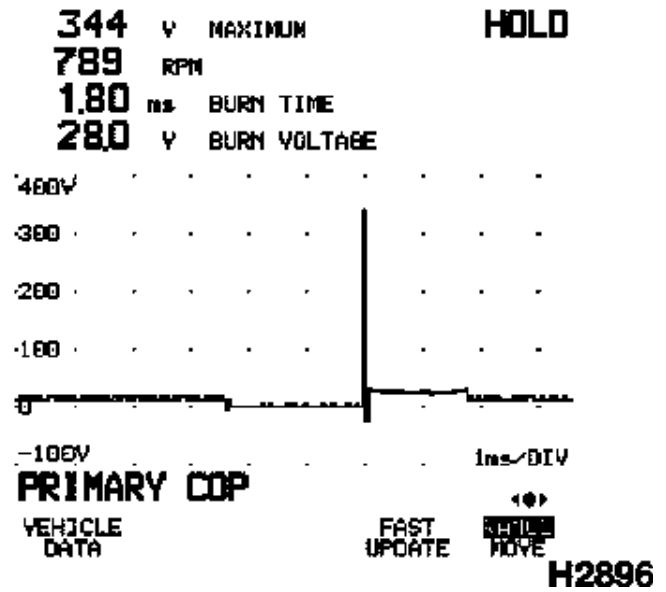
Engine	Red measurement lead
F4R	2
Y26SE	3, 4 or 5
Y32SE	3, 4 or 5
Z10XE	3, 4 or 5
Z32SE	3, 4 or 5
6VD1	C
Other engines	3, 4, 5 or 6

Procedure Tech 31:

1. Download Reference curve.
2. Start the engine and allow it to idle.

Reference Curve:





Procedure Tech 32:

1. Download Setup file (the Tech 32 uses only Setup files, no reference curves).
2. Start engine and allow it to idle.



Setup File:

Reference Curve:

