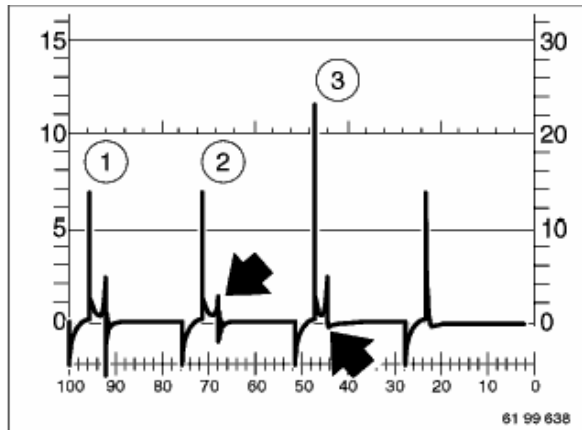


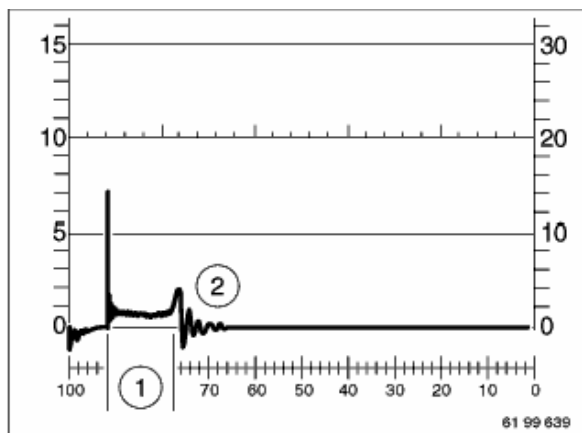
Evaluation of ignition voltage peaks and attenuation process at idling speed.



1. Beginning of attenuation processes with normal peaks upwards and downwards
2. Beginning of attenuation processes strongly shortened  
Ignition coil is defective!
3. Absence of initial downwards attenuation  
Ignition coil is defective!

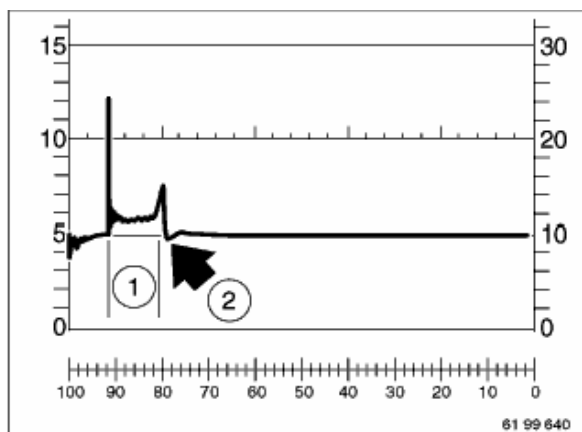
Note:

Higher ignition voltage peak is not always available.

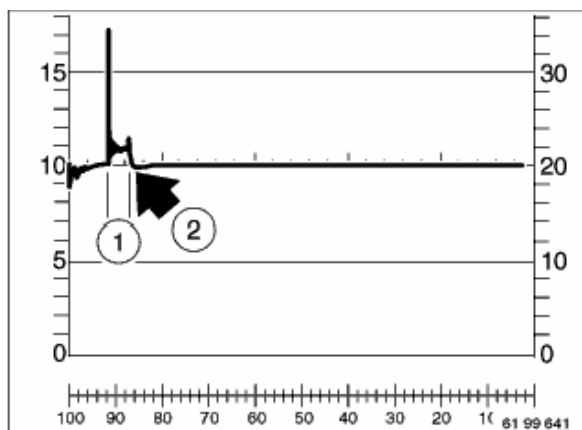


Evaluation of sparking voltage line at idling speed.

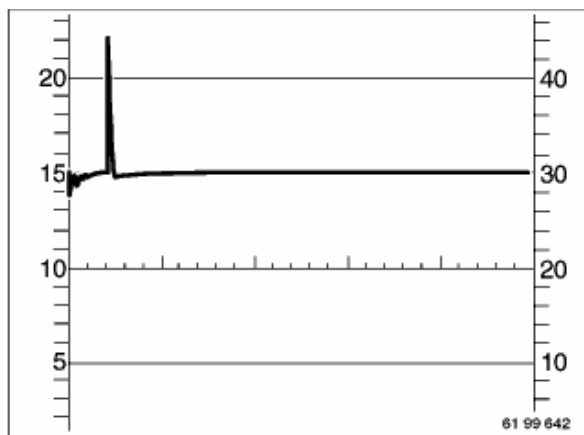
1. Normal combustion period
2. Normal attenuations to sparking voltage line  
Ignition coil is OK.



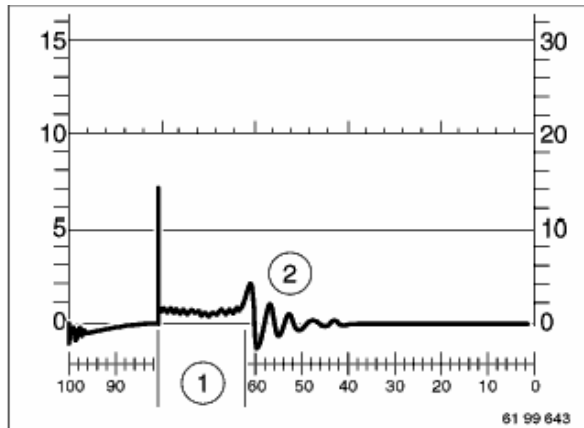
1. Shorter sparking period
2. Attenuation to sparking voltage line is only slight.  
Ignition coil is defective!



1. Much shorter sparking period
2. Attenuations to sparking voltage line absent.  
Ignition coil is defective!

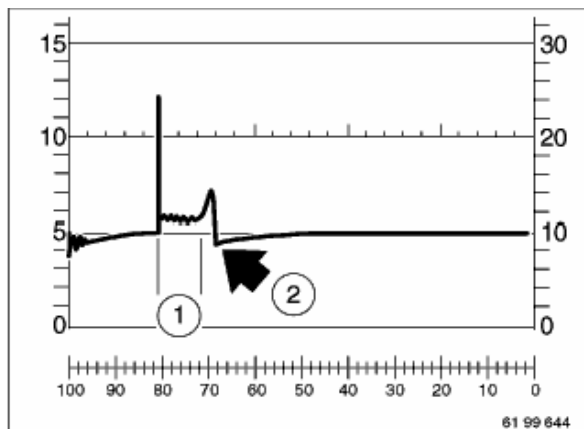


No sparking voltage line  
Ignition coil is defective!

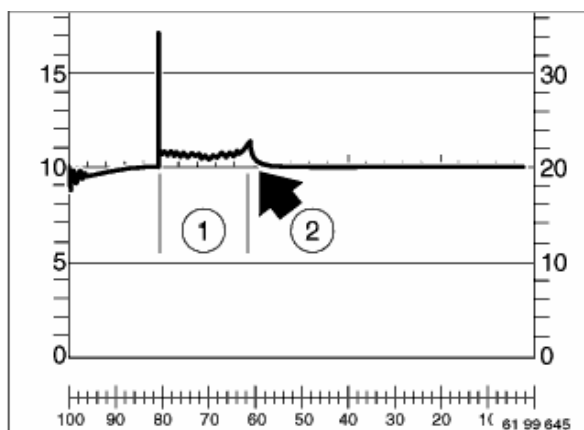


Evaluation of combustion voltage line at raised engine speeds  
approx. 1500 min<sup>-1</sup>.

1. Normal combustion period
2. Normal attenuations to sparking voltage line  
Ignition coil is OK.



1. Shorter sparking period
2. Attenuation to sparking voltage line is only slight.  
Ignition coil is defective!



1. Normal combustion period
2. Attenuations to sparking voltage line absent.  
Ignition coil is defective!