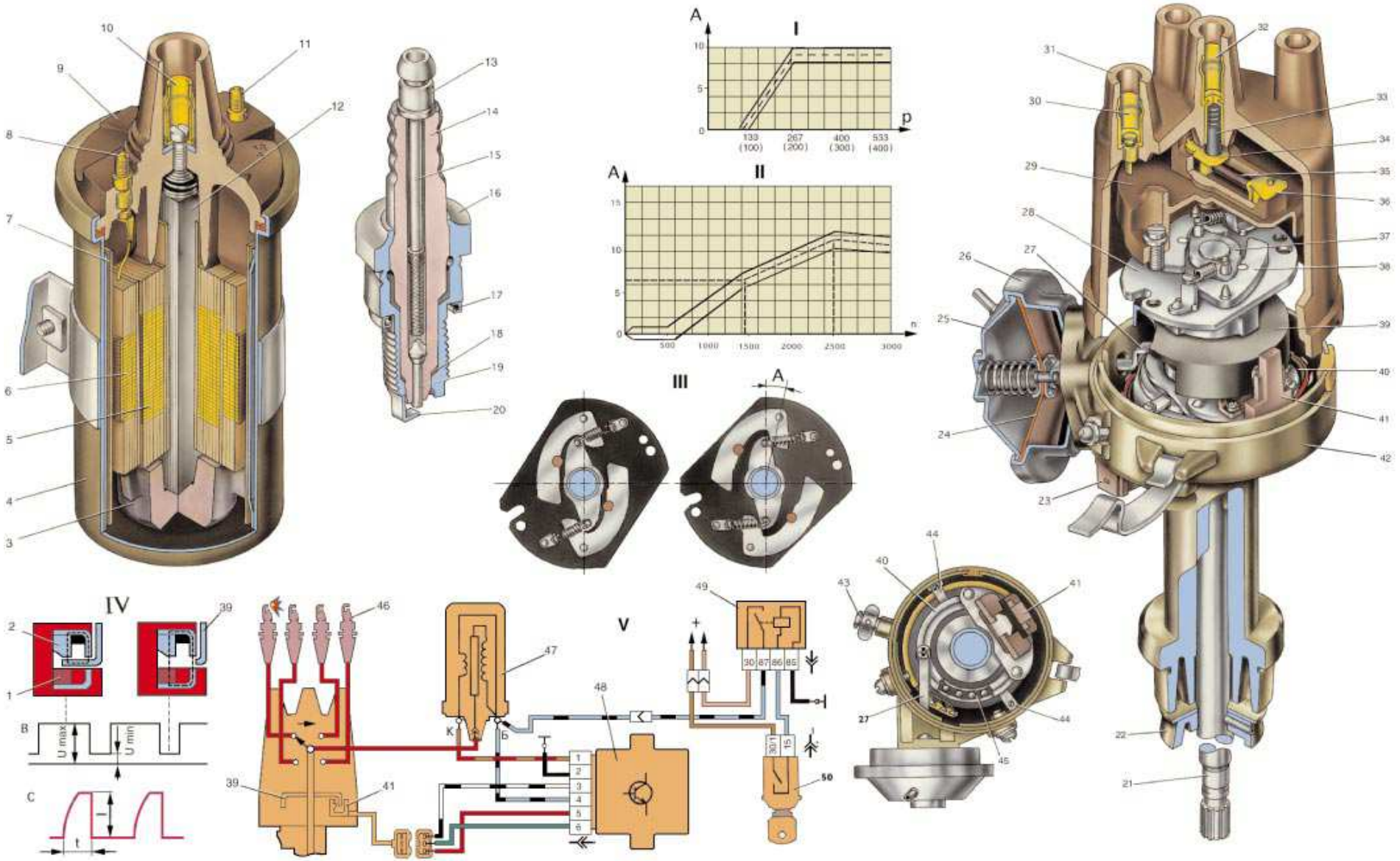

IGNITION SYSTEM

1. Semiconductor element with integrated circuit
2. Permanent magnet
3. Insulator
4. Ignition coil housing
5. Secondary winding
6. Primary winding
7. Outer magnetic duct
8. Primary winding end **'K'** terminal
9. Cover
10. High tension terminal
11. ' **Б'** terminal, primary winding start / secondary winding end
12. Core
13. Contact nut
14. Spark plug insulator
15. Core bar
16. Spark plug body
17. Sealing ring
18. Heat screening washer
19. Centre electrode
20. Side electrode
21. Distributor shaft
22. Shaft oil slinger
23. Socket
24. Diaphragm
25. Vacuum advance cover
26. Vacuum advance housing
27. Vacuum unit operating arm
28. Advance unit bearing plate
29. Distributor rotor
30. Side electrode with terminal for lead to ignition switch
31. Ignition distributor cap
32. Centre electrode with terminal for coil lead
33. Centre electrode carbon contact
34. Centre rotor contact
35. 1000 Ohm resistor for interference suppression
36. Outer rotor contact
37. Centrifugal regulator plate
38. Advance unit governor weight
39. Screen
40. Hall sensor plate
41. Hall sensor
42. Distributor body
43. Oiler body
44. Bearing lock plate
45. Bearing
46. Spark plugs
47. Ignition coil
48. Ignition module
49. Ignition relay
50. Ignition switch

I. Vacuum advance unit performance:
A - timing angle, degrees
P - vacuum, gPa (Hg mm)

II. Centrifugal advance unit performance:
A - ignition timing, degrees
n - distributor shaft rotation rate, RPM

III. Centrifugal advance operation diagram:
A - ignition timing

IY. Hall sensor operation diagram:
B - voltage pulses (U) at sensor output
C - current pulses (I) in ignition coil primary winding; **t** - current accumulation time

Y. Ignition system diagram