

3.2.

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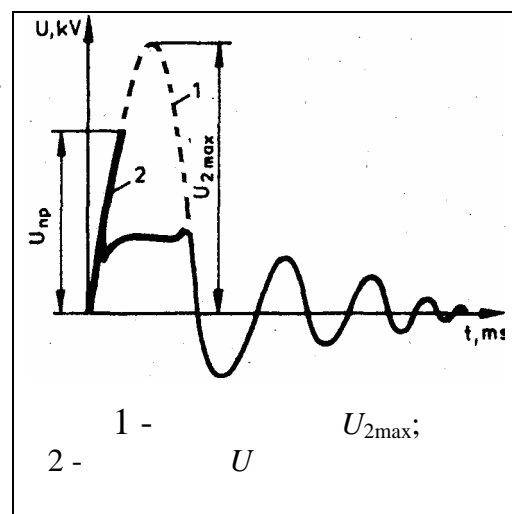
,

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U_{2max} .

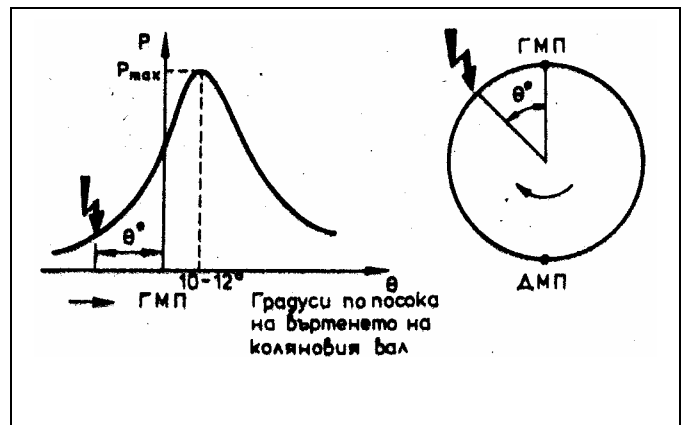
1,5

75-100 mJ.

().

12

P_{\max} 10-



θ ,

1 (,),

2,

3,

4,

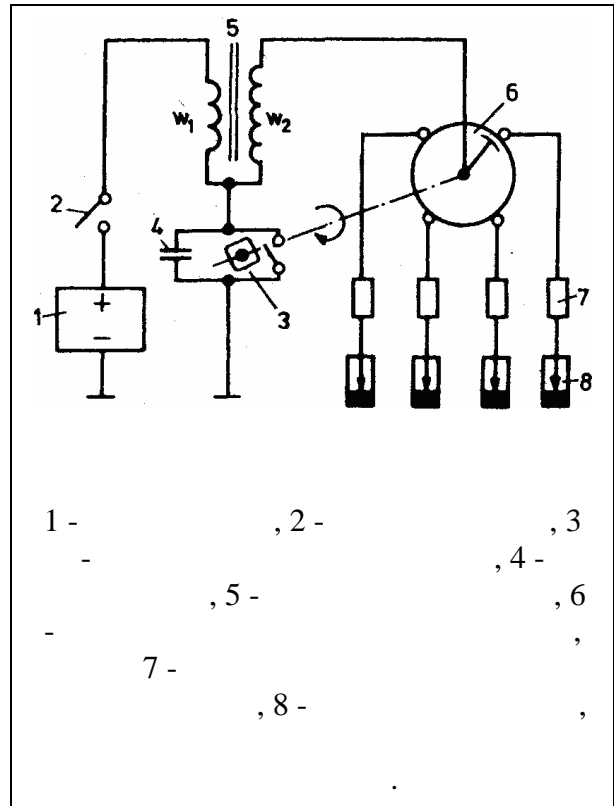
5,

7,

8

_____.

6,



1 - , 2 - , 3
 - , 4 - , 6
 - , 5 - ,
 - 7 - , 8 - ,

0,01-0,03 s.

200-300 V.

- ,

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3 ,

2:1

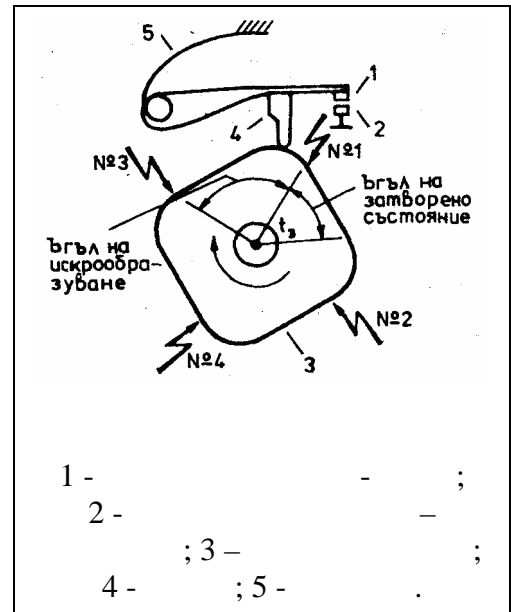
;

1

5

4

2.



1 - ;

2 - -

; 3 - ;

4 - ; 5 - .

().

$360^\circ/z$

, Z

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- - ,

- - .

60-63 % $360^\circ/z$,

- 0,30-

0,45 mm.

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1

2

3,

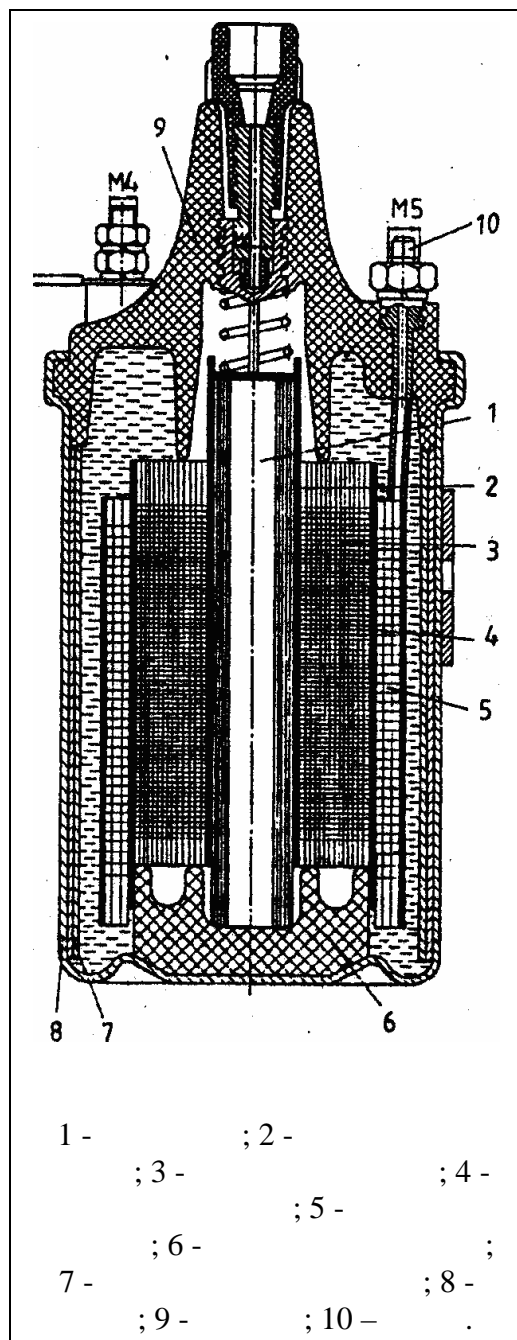
0,06-0,1 mm

18 000 - 22 000

4.

5 300 - 320

0,6 - 1 mm.



7,

6

8.

9.

10

50 100.

5

2,

3,

1

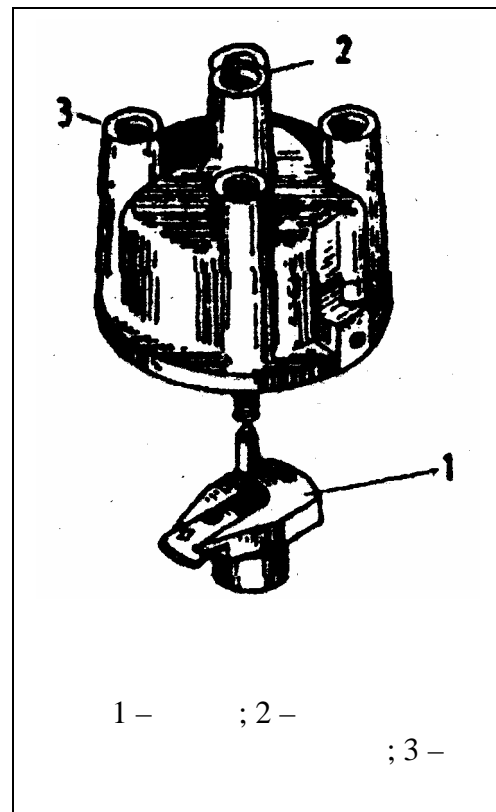
7

_____.

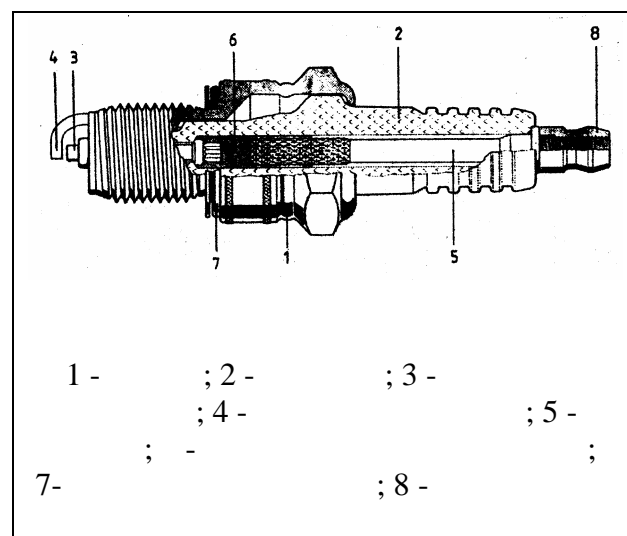
8 - 10 Ohm.

(10 - 20 Ohm).

_____.



1, 2, 3, 4, 5, 8.



14 1,25,

10 1,0.

10 19 mm.

, 22 16 mm

4.

7.

- 0,6 - 0,8 mm,

- 0,4 - 0,5 mm.

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500-900 ° ;

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500-900 ° ,

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100 500.

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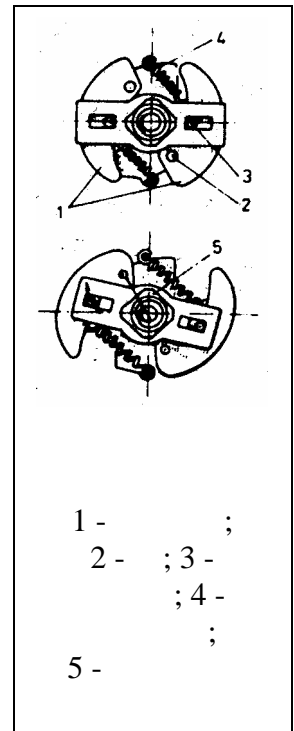
-

.

2 20.

_____.

_____.



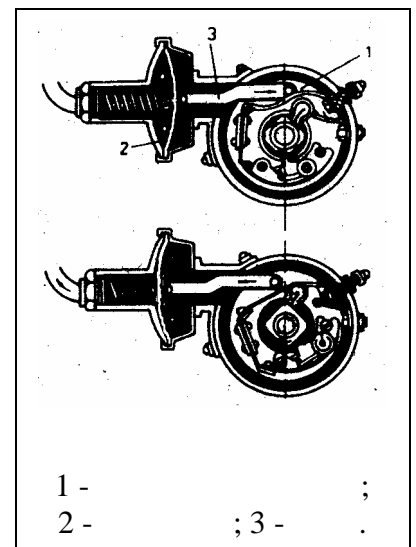
3,
 4.

1

2 ,
 5

3

_____.



2

3

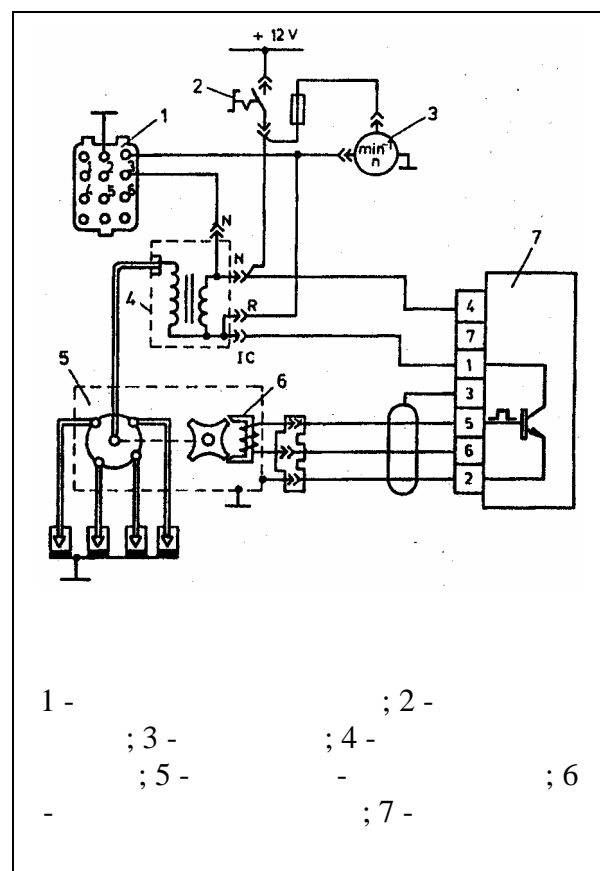
1

- : 50 mJ

1,6 ms 20 mJ 1,2 ms

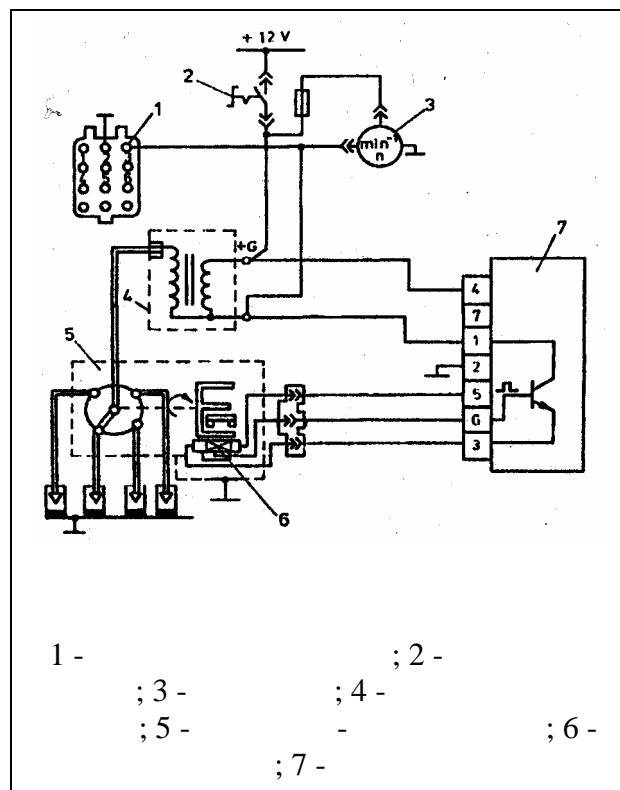
- :

25 000 18 000 V.



4.

6



4.

“ ”

1. How Ignition System Works. 4:06.

<https://www.youtube.com/watch?v=W94iksaQwUo>

2. How Battery Ignition System Works. 5:41

<https://www.youtube.com/watch?v=OMLSNwQiiKg>

3. How Electronic Ignition System Works. 3:44.

https://www.youtube.com/watch?v=QYx8J_5l5wY

4. Transistorized ignition system. 4:26.

<https://www.youtube.com/watch?v=H2J0lSTYVhQ>

5. CDI Spark 1000 - 10000rpm w/ denso iridium spark plug. 0:33.

<https://www.youtube.com/watch?v=W8V0ULIWBrM>