

MEMORANDUM LIST FOR DETAILED USE, CONSULT THE INSTRUCTIONS MANUAL

3 H.T. COIL TEST

Use this test to verify the good working of H.T. coil.


- Connect H.T. cable of the coil under test to DSE analyzer H.T. cable.
- Connect green wire together with female faston to the coil input.
- Connect black clip of red/black cable to the coil ground
- Set switch in position 'BOB. H.T.'
- Switch the D S E analyzer on.
- Press button TEST.
- Check if spark is good on the spark gap..

7 TEST Ω

Use this test to check the integrity of feeding coils, pick-up, diodes, resistances, bulbs, etc.

- Set switch of D S E analyzer on Ω .
- Switch the D S E analyzer on.

- Connections have to be done with red/black cable provided with clips.


 Resistances measures and ohmic measures must be done with engine out and key in OFF position.

4 RPM TEST

Use this test for rpm measure in engines with an ignition every 360°.

- Connect red single clip of D S E analyzer to H.T. cable of vehicle under test.
- Set switch in position RPM.
- Switch the D S E analyzer on.
- Start the engine.

8 TEST A

 It allows to check starting current and the battery recharging current.

Warning: For this test, use the suitable probe.

- Disconnect the positive terminal + from the battery.
- Connect to + terminal of battery the red + terminal of the probe.
- Connect the neutral probe terminal to the cable previously disconnected from battery. Set switch of D S E analyzer in position A.
- Switch D S E analyzer on.
- Start the engine and check value (-) in Ampère on display.
- After the starting, the display will show the recharging value (+) of battery in A.

■ Check if values are regular.

1 TEST 12P CDI unit

Use this test to verify the good working of C D I unit for 12 pole flywheels.

- Connect H.T. cable of CDI unit under test to the H.T. cable of D S E analyzer.
- Connect the suitable connector of DSE analyzer to the CDI unit.
- Set switch in position 12P.
- Switch DSE analyzer on.
- Press TEST button.
- Check if the spark is good on the spark gap.

5 RPM : 2 TEST

Use this test for rpm measure in engines with an ignition every 180°.

- Proceed as RPM TEST setting switch in position RPM :2.

9 TEST V = VOLT D.C.

Use this test to check direct voltages: battery Volt, recharging Volt, different feeding presence, etc..

- Set switch of DSE analyzer in position V=
- Switch D S E analyzer on.

Connections must be done together with red/black cable provided with clips.

2 CDI TEST

Use this test to verify the good working of CDI unit.


- Connect H.T. cable of CDI unit under test to the H.T. cable of DSE analyzer.
- Connect the suitable connector of DSE analyzer to CDI unit (check instructions manual)
- Set switch in position 'CDI'.
- Switch DSE analyzer on.
- Press TEST button.
- Check if spark is good on the spark gap.

6 TEST LOW Ω

Use this test to check the integrity of cable, stators, contact-breakers, etc.

- Set switch of D S E analyzer on Low Ω .
- Switch the D S E analyzer on.

Connections have to be done with red/black cable provided with clips.

 Resistances measures and ohmic measures must be done with engine out and key in OFF position. ♦

10 TEST V ~ VOLT A.C.

Use this test to check alternating voltages: Volt lighting plant, Volt recharging from flywheel, etc..

- Set switch of DSE analyzer in position V~.
- Switch D S E analyzer on.

Connections must be done together with red/black cable provided with clips.