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Message
Roger Hulett

Joined: 31 May 2004
Posts: 140
Location: South West France
Posted: Thu Feb 07, 2008 6:11 pm Post subject: CVC Unit

When were CVC units first fitted to Scott bikes. My 1936 FS has a somewhat primitive Bosch unit fitted and I wondered if it is original or an add on.
Roger Hulett

Back to top

Roger Hulett

Joined: 31 May 2004
Posts: 140
Location: South West France
Posted: wed Feb 20, 2008 2:16 pm Post subject:

Does no one have an answer to this query ?

Back to top

Erik

Joined: 10 May 2005
Posts: 410
Location: Moerdijk, The Netherlands
Posted: wed Feb 20, 2008 3:34 pm Post subject:

Maybe because not everybody knows what CVC is? Or am I the only one ?

Back to top

efr215

Joined: 06 Nov 2004
Posts: 216
Location: Leigh-on-sea, Essex
Posted: wed Feb 20, 2008 8:10 pm Post subject:

Current and voltage Control -- or so I've believed for 50 years but then wot would I know?

Then again it could be Constant Voltage Control I 'spose, all I know for certain

Untitled

is that it's electrical and therefore has to be a product of Lucifer 'imself!

Back to top

ERIC BAYLISS

Joined: 01 Jan 2006

Posts: 49

Posted: Wed Feb 20, 2008 8:33 pm Post subject: cvc unit

Hi the Motor Cycle and the Motorcycling for 1937 show in there road test a cvc unit just under the saddle. and in the write up they mention it being new for the 1937 model. hope this helps.

Back to top

chstorm

Joined: 02 Aug 2004

Posts: 88

Location: Oslo, Norway

Posted: Wed Feb 20, 2008 8:39 pm Post subject:

A 1936 Scott was equipped with a Lucas Magdyno with no voltage regulator. It was a third-brush dynamo regulated by the battery - if the battery was not in circuit, the voltage would easily increase to more than 30 Volts. To regulate the dynamo output in watts, there was a small spiral-wound resistor mounted inside the headlamp which normally damped the amount of current reaching the dynamo field windings. When the lights were switched on, the resistor was no longer active, and the current to the field circuit increased, thereby increasing the dynamo output.

As far as I remember, A Lucas Magdyno with an outside boxed regulator was first used on Scotts in 1938. A Bosch unit cannot be original and must be a later addition.

Carl Henrik Stormer

Oslo, Norway

Scott TT Replica 1930

Scott DPY Flying Squirrel 1936

Scott DPZ Flying Squirrel 1938

Brum Scott Flying Squirrel 1958

Back to top

ERIC BAYLISS

Joined: 01 Jan 2006

Posts: 49

Posted: Wed Feb 20, 2008 9:21 pm Post subject: cvc unit

Hi Carl your date of 1938 is a bit late, I have got a copy of the road test from
Page 2

Untitled

The Motor Cycle for March 11 1937 in front of me now , the actual words are neatly mounted below the saddle is the voltage control unit, a new feature. it also shows it on another picture on may 11 1937. Eric

Back to top

chstorm

Joined: 02 Aug 2004

Posts: 88

Location: Oslo, Norway

Posted: Thu Feb 21, 2008 7:13 am Post subject:

Hi Eric,

You are quite right, 1936 was the last year without regulator.

Regards,
Carl

Carl Henrik Stormer
Oslo, Norway
Scott TT Replica 1930
Scott DPY Flying Squirrel 1936
Scott DPZ Flying Squirrel 1938
Brum Scott Flying Squirrel 1958