

Service-Information



BMW MOTORRAD GMBH Service R-VK-11 da-st	Motorcycles-R 60/6-R 100 RS Technical Group: Instruments	Munich, May '78 62 001 78 (1063F)
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- For U.S.A. and Canada Only -

Subject: Electronic Revolution Counter for
R 60/6 - R 100 RS model '77

Dear Dealer,

If it is required to install an electronic revolution counter on one of these machines, please refer to the following list of possible installation and connection arrangements.

However, please note that engines with mechanical revolution counter drive connection will continue to be available until further notice. Please keep this in mind when ordering in future.

1. Installation of complete twin-dial instrument with wiring harness (model '78).
2. Exchange of existing revolution counter for an electronic instrument, but retaining the old instrument casing (see instructions for installation given below).
 - 2.1 Remove cover, sealing cap, bulb carrier and high beam tell-tale lamp and take revolution counter out of housing complete with bulb carrier.
 - 2.2 Drill two holes of 2.6 mm diameter (see illustration) in the plastic baseplate of the electronic revolution counter.

Important: If the black lead from terminal 1 of the coil is already present (this can be detected by the presence of a connecting sleeve in No. 10 of the 12-pole moulded-on plug), the holes need not be drilled.

- 2.3 The three cables from the revolution counter, with flat plug connectors, are soldered at the base of the bulb carrier pins as follows:

Red lead = (+) to pin 12
 Brown lead = (-) to pin 7
 Green lead = (ignition pulse) to pin 10

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On model '77 motorcycles, pin 10 is not present, neither is the unused cable to the coil installed. In this case the green lead must be lengthened and run parallel to the wiring harness from the twin-dial instrument to the coil (the wiring to terminal 1 from the distributor).

Please ensure that this cable is provided with a knot to relieve tension (see picture).

2.4 Re-assemble in the opposite sequence to that described above.

After this, remove the drive cable for the mechanical revolution counter. The worm wheel with shim washer, sealing ring and plastic bushing remain in the mounting and are secured with the M 6 bolt. The shaft must be divided so that it can be pulled out of the rubber seal. The opening which remains in the seal is closed off with a plug:

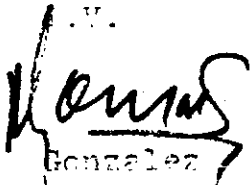
BMW part number 63 23 1 351 257.

Yours very sincerely,

BMW MOTORRAD GMBH
Munich

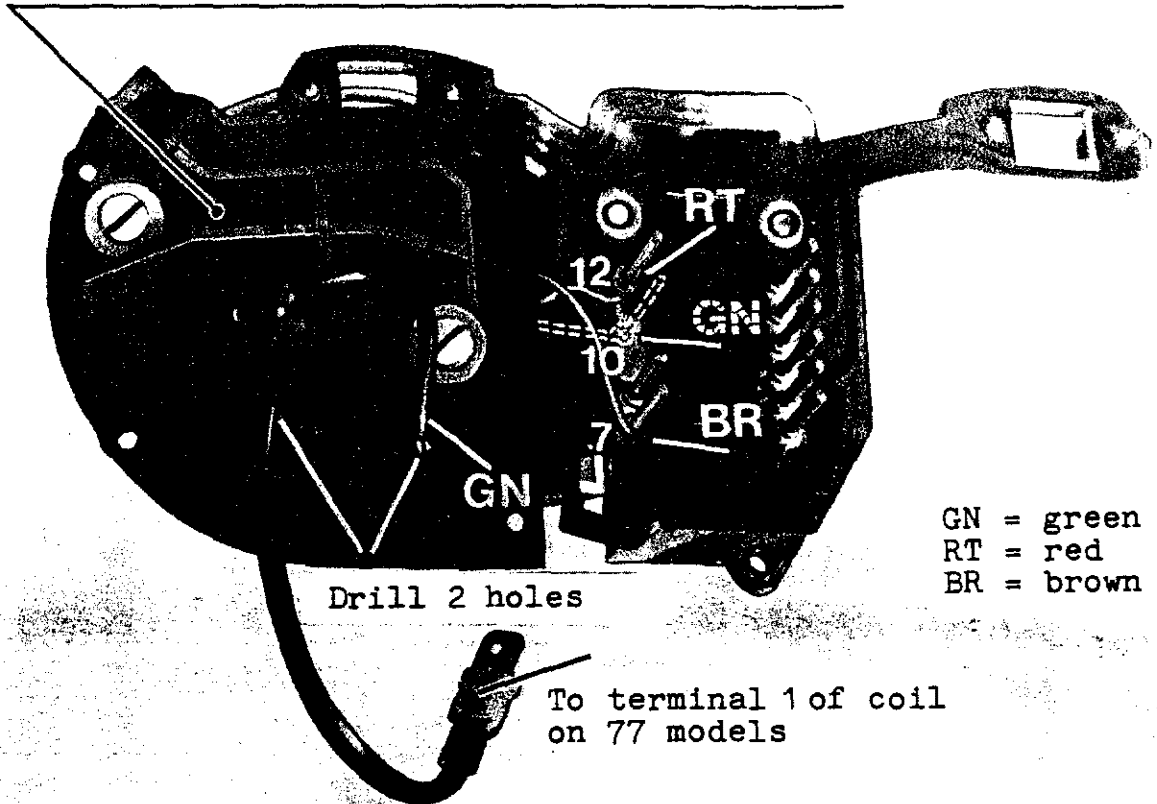
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Blank

Revolution counter for model 78 on
BMW part number 62 13 1 243 434



Drill 2 holes

GN = green
RT = red
BR = brown

To terminal 1 of coil
on 77 models