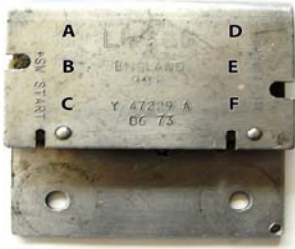


The Lucas OPUS Ignition Ballast Resistor Block

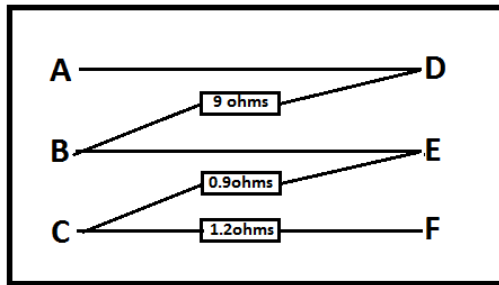


There are at least 4 different Ballast resistor blocks. Externally they look the same. The Lucas 9BR Ballast resistor blocks have a Part # stamped on the Ballast Block.

We have shown the connection information for the changes required for the Tacho to operate. You can connect the Later ballast block, (**Lucas 9BR 47246A**) to the early 5- or 6-wire systems as detailed below.

Lucas 9BR Y47227A Date 20 71. For Use with 6-wire amplifier and all V-12 before 1972.

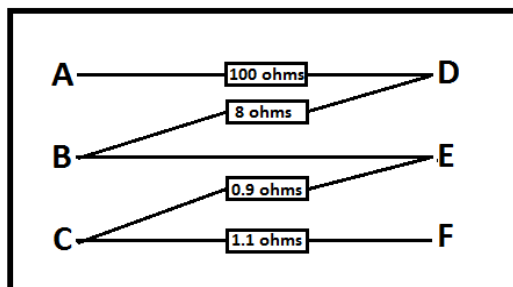
If fitted to a 5 wire ignition amplifier remove wires A and D from Ballast block and connect together with a 6.8Kohm resistor. This ballast block was fitted to some 1971 cars only.



- A. To Rev Counter. (white/Slate)
- B. + 12 V (white)
- C. to Starter relay (white/blue)
- D. Tacho trigger from Amplifier (white/blue)
- E. +12V to amplifier (black/red)
- F. To coil + (white/ green)

Lucas 9BR Y47229A Date 06 73. For use with a 6-wire amplifier and all V-12 before 1975.

If fitted to a 5-wire ignition amplifier remove wires A and D from Ballast block and connect together with a 6.8Kohm resistor

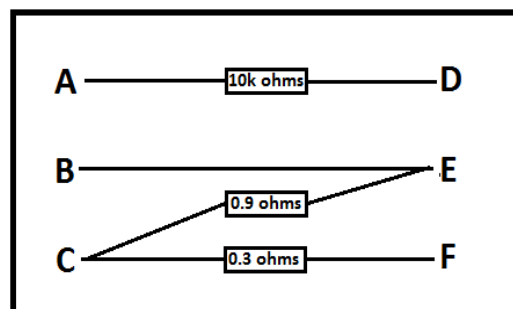


- A. To Rev Counter (white/slate)
- B. + 12 V (white)
- C. To Starter relay (white/blue)
- D. Tacho trigger from Amplifier (white/blue)
- E. +12V to amplifier (black/red)
- F. To coil + (white/ green)

Lucas 9BR 47246A Date 37 81 is for use with OPUS 5-wire amplifier.

If this ballast Block is fitted to a 6-wire OPUS the Tacho will not operate.

For the Tacho to work with this ballast resistor the **D** connection for tacho trigger must be connected directly to the coil negative terminal. The White Blue wire from a 6 wire amplifier must not be connected to either the coil or the ballast block.



- A. To Rev Counter (white/slate)
- B. +12V (white)
- C. To Starter relay (white/blue)
- D. Tacho trigger to coil negative.
- E. +12V to amplifier (black/red)
- F. To coil + (white/ green)