

MODEL T SCHEMATIC AND WIRING DIAGRAMS

By Bob Cascisa

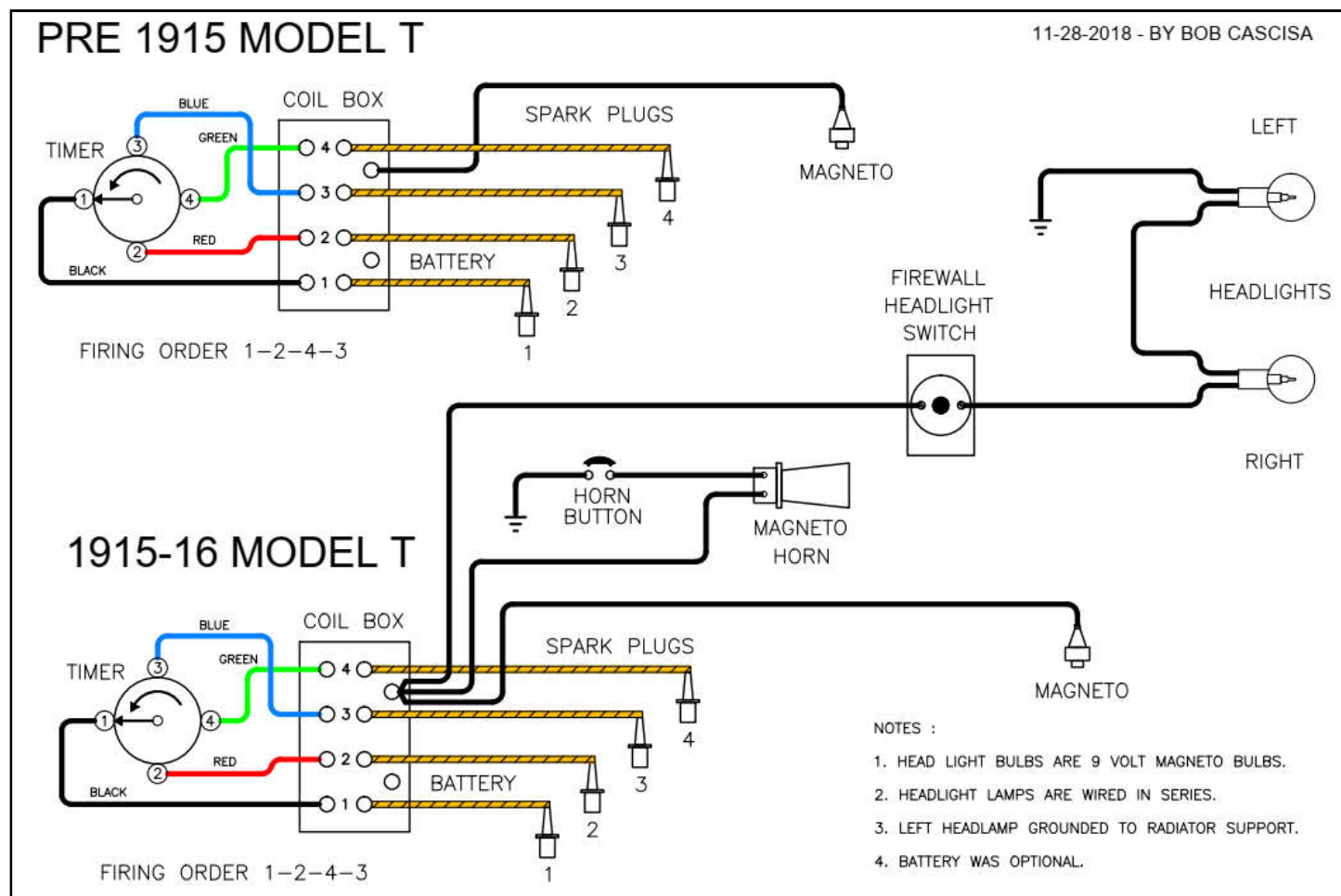
Below are the Model T electrical system drawings that are now available on the MTFCI web site. There are four schematic diagrams available for download. A schematic diagram is a graphical representation of electrical circuits and typically does not show installation details. Their purpose here is to present clear simplified electrical circuits to help the Model T owner better understand the electrical system. I made four schematic diagrams for the Model T.

After 1916 there are overlaps and many exceptions to which drawing applies to what year and what model. As everyone in the Model T community knows - for every absolute fact there are at least three exceptions. I hope you find these schematics useful.

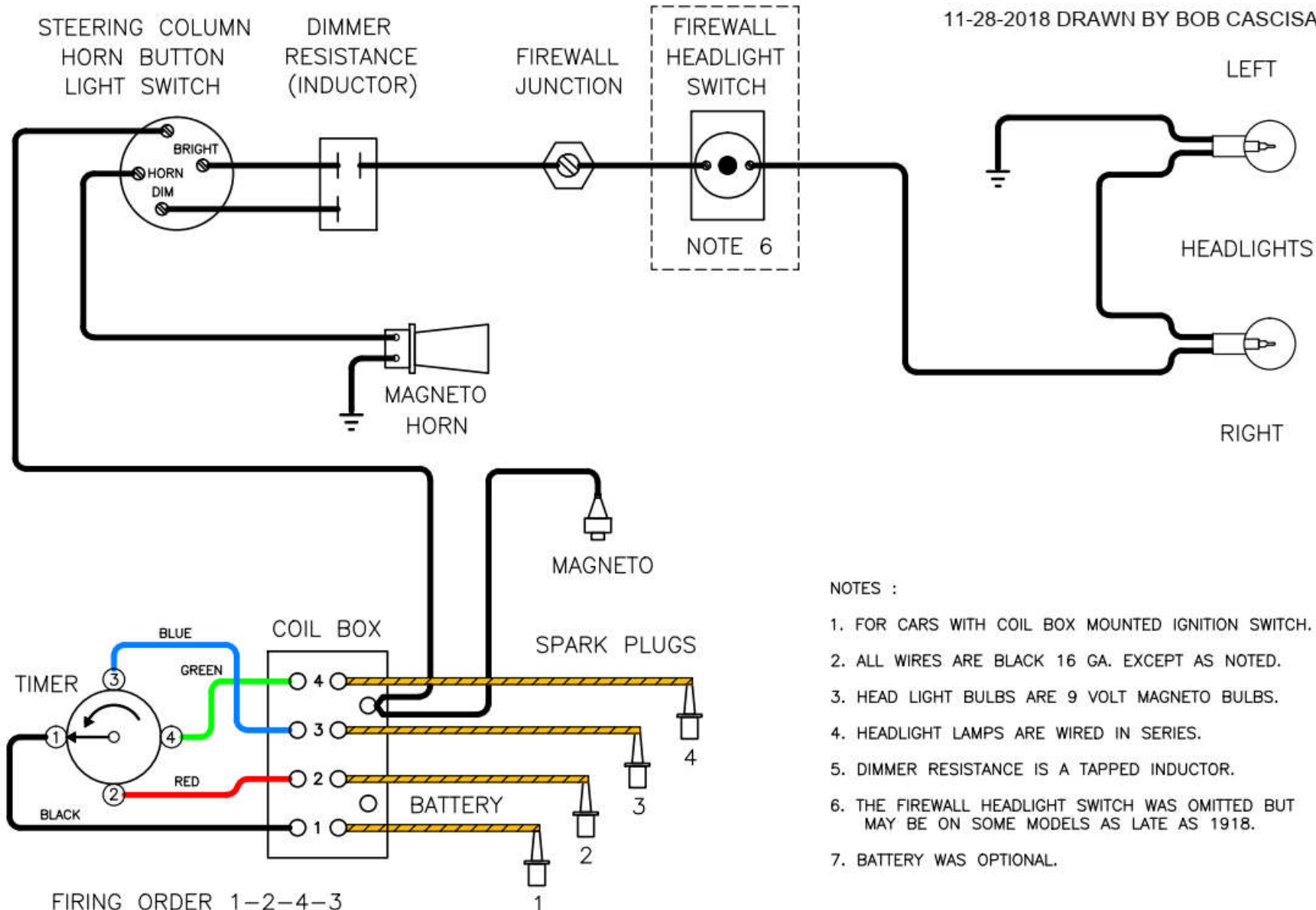
The four Model T Electrical Schematics

1914 and earlier – Coil ignition system only. 1915 – 1916 With Magneto headlights and horn.	Non-Starter with steering column light/horn switch.
Non-Starter with dashboard ignition/light switch	Starter, Generator and Lighting System

They can be downloaded here : <https://www.modelt.org/technical-info.html>



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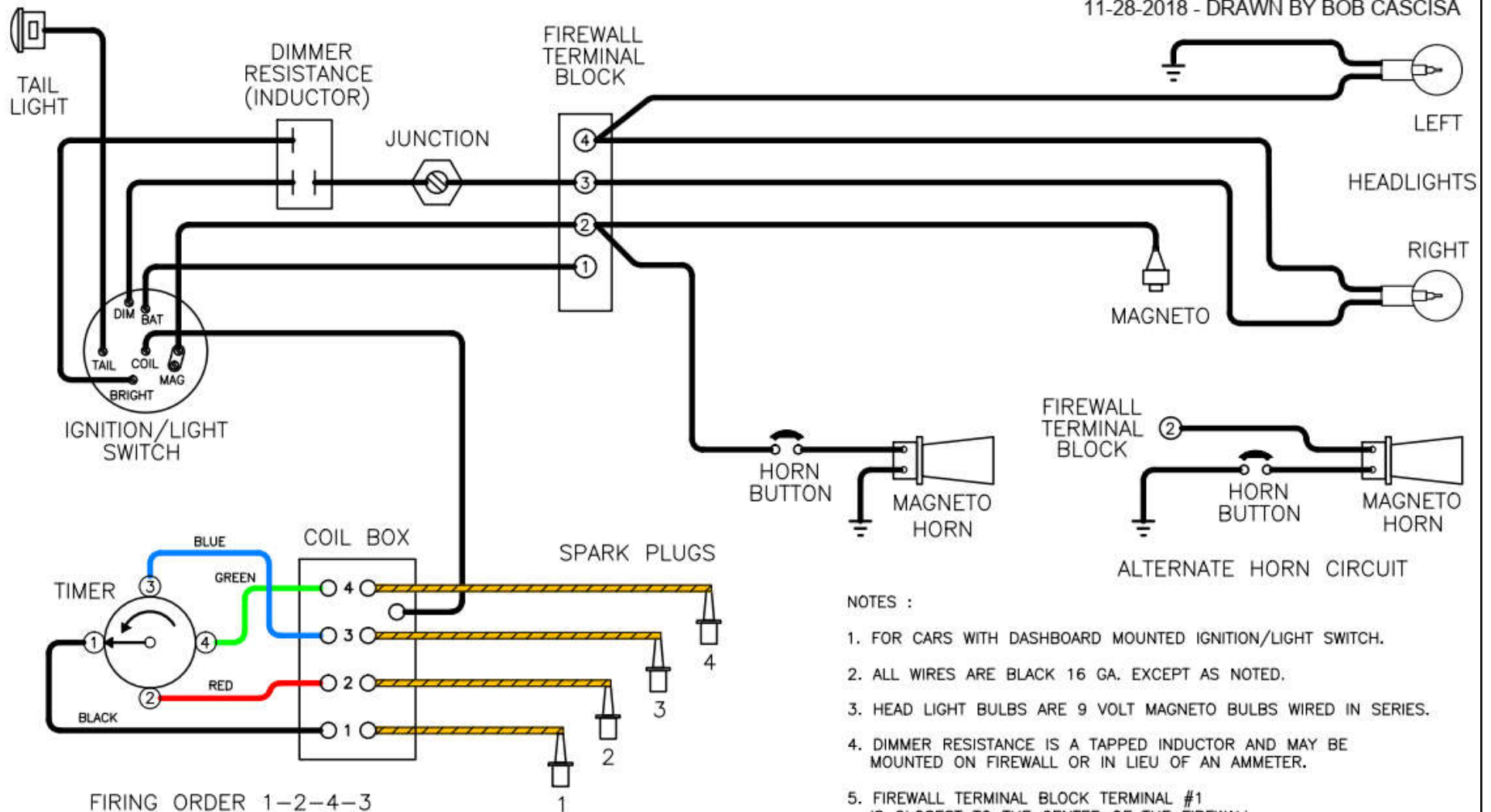


NOTES :

1. FOR CARS WITH COIL BOX MOUNTED IGNITION SWITCH.
2. ALL WIRES ARE BLACK 16 GA. EXCEPT AS NOTED.
3. HEAD LIGHT BULBS ARE 9 VOLT MAGNETO BULBS.
4. HEADLIGHT LAMPS ARE WIRED IN SERIES.
5. DIMMER RESISTANCE IS A TAPPED INDUCTOR.
6. THE FIREWALL HEADLIGHT SWITCH WAS OMITTED BUT MAY BE ON SOME MODELS AS LATE AS 1918.
7. BATTERY WAS OPTIONAL.

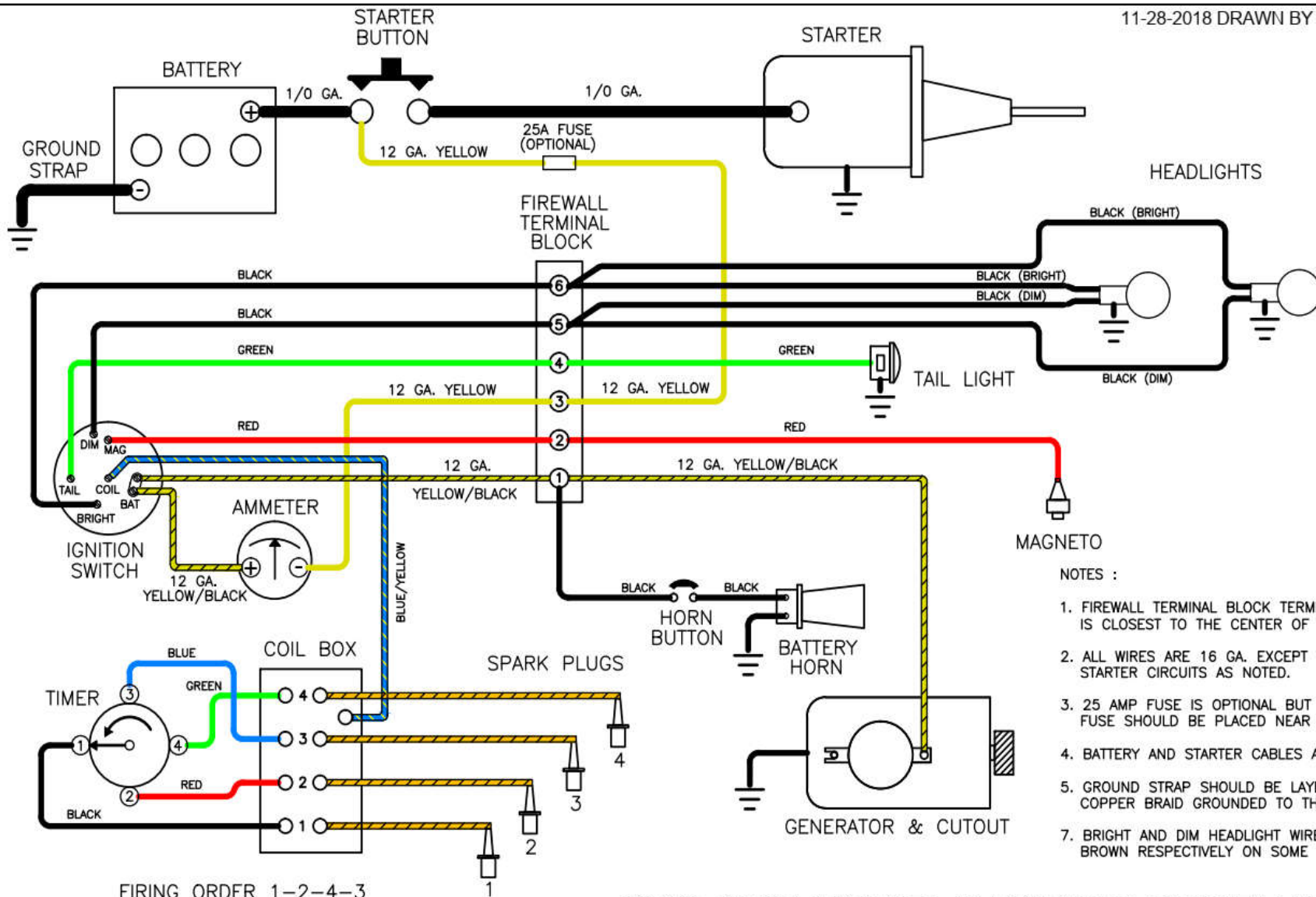
NON-STARTER - WITH STEERING COLUMN HORN/LIGHT SWITCH

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NON-STARTER - WITH DASHBOARD LIGHT/IGNITION SWITCH

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NOTES :

1. FIREWALL TERMINAL BLOCK TERMINAL #1 IS CLOSEST TO THE CENTER OF THE FIREWALL.
2. ALL WIRES ARE 16 GA. EXCEPT THE GENERATOR AND STARTER CIRCUITS AS NOTED.
3. 25 AMP FUSE IS OPTIONAL BUT RECOMMENDED. FUSE SHOULD BE PLACED NEAR THE STARTER BUTTON.
4. BATTERY AND STARTER CABLES ARE 1/0.
5. GROUND STRAP SHOULD BE LAYERED COPPER OR COPPER BRAID GROUNDED TO THE FRAME RAIL.
7. BRIGHT AND DIM HEADLIGHT WIRES MAY BE GRAY AND BROWN RESPECTIVELY ON SOME EARLY MODELS.

1919-1927 MODEL T WIRING SCHEMATIC