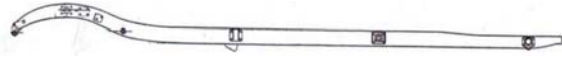


From the Frame Up, LLC



Tech Tips:

******* ALERT *******

EL967 - EARLY TC WIRING DIAGRAM Errors & Corrections

Generally, TC wiring diagrams would not be an issue as they are conveniently reprinted in the TC Instruction Manual (Brown Book) to cover all of the different production changes and different options associated with Home and Export Models. However, errors have been discovered with the early TC wiring diagrams that you should be aware of. Please review the following to understand the problem and solution.

First there are currently 5 different wiring diagrams for the TC that are found in any of the Instruction Manuals (Brown Book), current or earlier (1954) printings.

1. 1945/8 Home
2. 1945/8 Export
3. 1948 Export
4. 1948/9 Home
5. 1948/9 USA (Export)

The problem lies in the fact that if you look at the original diagrams from the 1st printing of the Brown Book, May 1946, the color codes and numbering system of wires are different than later printings. This gives you the impression that there was a production change in the wire harnesses themselves. However, this is not the case. The color of wire used for each application was consistent from start to finish for all production cars. What happened in later diagrams # 3, 4, & 5 is that the wires were renumbered but the same wire colors were actually used as found in early #1, & 2 applications. The primary error is that when MG printed the book, the color code charts for #3, 4, & 5 (which had changed for the later diagrams) were used also (in error) on charts #1 and 2. If diagrams #1 & 2 would have used their original color code charts there would be no confusion.

To illustrate look at the primary wire that goes to the tail light. Most everyone will recognize that this wire color is red. Now review each of the colors of wire for each of the diagrams.

1. 1945/8 Home late diagram, 1 - blue (wrong), 1945/8 Home early diagram, 1 - red (correct)
2. 1945/8 Export late diagram, 1 - blue (wrong), 1945/8 Export early diagram, 1 - red (correct)
3. 1948 Export, 41 - red (correct)
4. 1948/9 Home, 41 - red (correct)
5. 1948/9 USA (Export), 41 - red (correct)

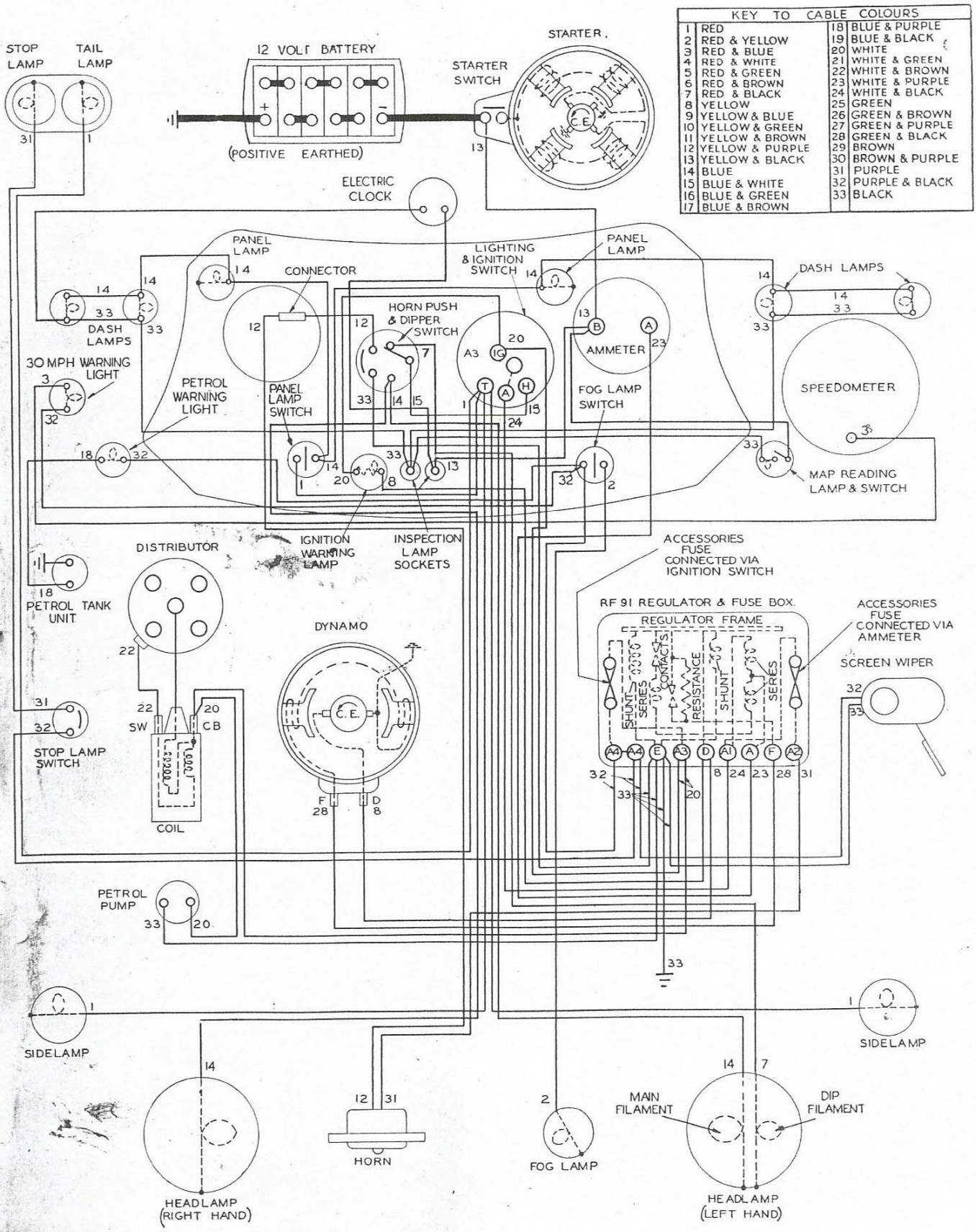
So you can see the color of wire for the tail light, red in this case, is in fact, consistent from start to finish. What you have to remember is that you must not use the later versions of diagrams #1 and #2 or you may get confused wiring your car. If you have an early car you will need to reference the early wiring diagrams.

On the next 2 pages you will find copies of the original diagrams taken from the May 1946 printing of the Brown Book for both the Home and Export models. Differences noted should be:

- Color codes are proper and should be used in lieu of later printings of wiring diagrams.
- Regulator shown is RF91. Note: In August 1947, there was a production change where the RF91 regulator was changed to the RF95.
- The 30 light wiring is included in the early 1945/8 Home Model diagram which is not the case with the later Home Model diagrams.

These diagrams are provided for the benefit of those owners of the early TC's. If anyone has further comment on these changes, I would appreciate hearing from you.

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KEY TO CABLE COLOURS			
1	RED	18	BLUE & PURPLE
2	RED & YELLOW	19	BLUE & BLACK
3	RED & BLUE	20	WHITE
4	RED & WHITE	21	WHITE & GREEN
5	RED & GREEN	22	WHITE & BROWN
6	RED & BROWN	23	WHITE & PURPLE
7	RED & BLACK	24	WHITE & BLACK
8	YELLOW	25	GREEN
9	YELLOW & BLUE	26	GREEN & BROWN
10	YELLOW & GREEN	27	GREEN & PURPLE
11	YELLOW & BROWN	28	GREEN & BLACK
12	YELLOW & PURPLE	29	BROWN
13	YELLOW & BLACK	30	BROWN & PURPLE
14	BLUE	31	PURPLE
15	BLUE & WHITE	32	PURPLE & BLACK
16	BLUE & GREEN	33	BLACK
17	BLUE & BROWN		

Illustration No. 50.—Diagram of electrical wiring system.

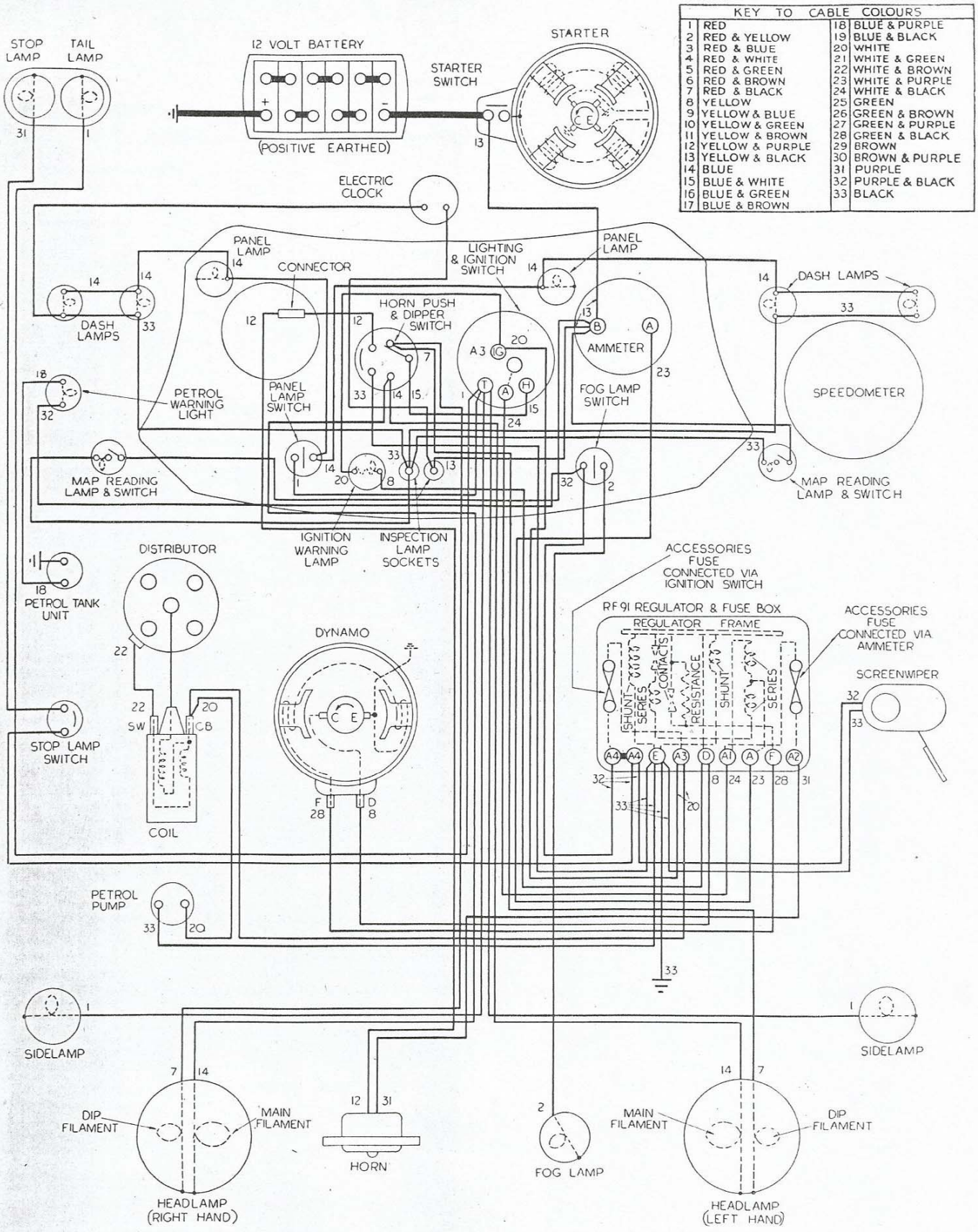


Illustration No. 53.—Electrical circuit for Export cars.