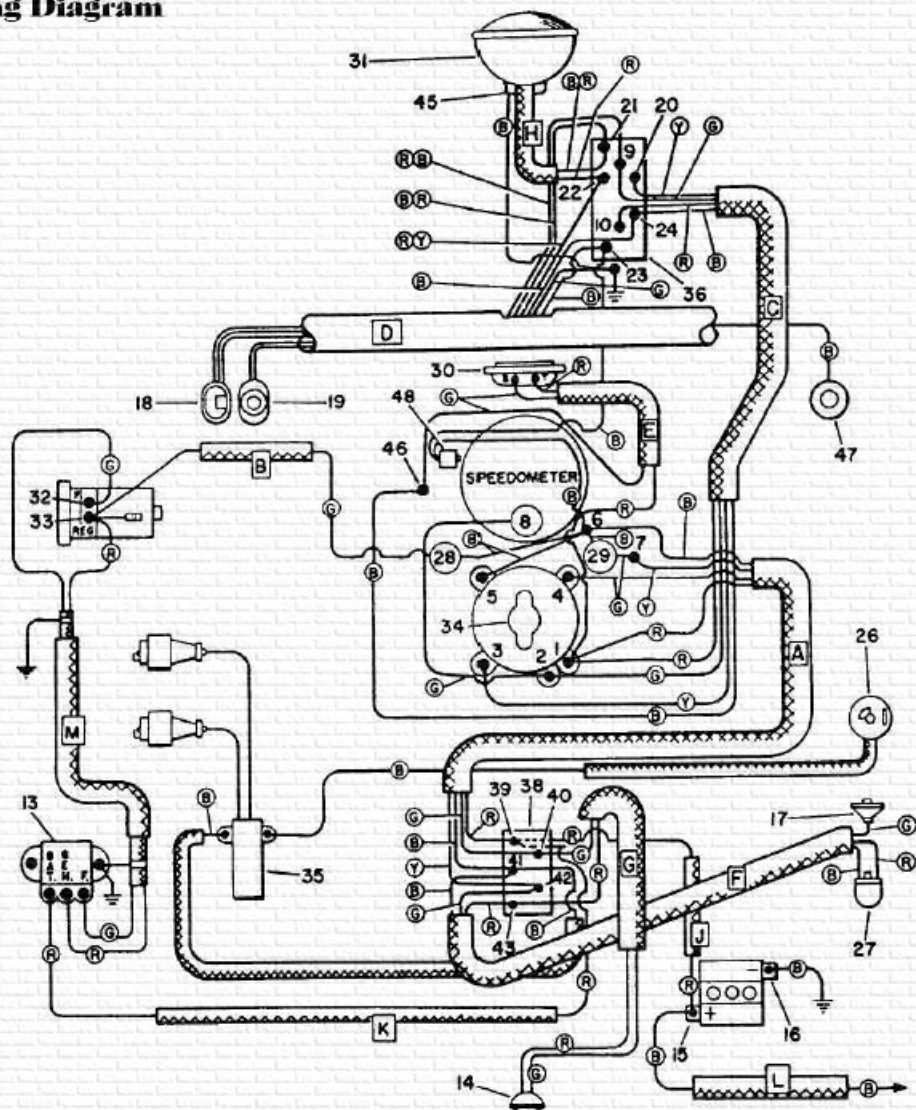


**1955 - 1957
Radio - Special Model
Wiring Diagram**



KEY TO COLOR CODE	
(R) RED	(R B) RED WITH BLACK TRACER
(G) GREEN	(B R) BLACK WITH RED TRACER
(B) BLACK	(R Y) RED WITH YELLOW TRACER
(Y) YELLOW	

Wiring Diagram (Radio-Special)

KEY FOR WIRING DIAGRAM (RADIO-SPECIAL)

- A. FOUR WIRE CABLE - Red, green, black and yellow wires from switch and instrument panel base terminals #1, #4, #6 and #7. Right front cable in panel base to terminal box behind ignition coil.
- B. LOOM (one wire) - Green wire from generator signal light (28) (under panel) to "REG" terminal on generator.
- C. FOUR WIRE CABLE - Red, green, yellow and black wires from switch and instrument panel base terminals #1, #2, #3 and #46. Right rear cable in panel base to terminal plate on fork.
- D. HANDLEBAR (loose wires) - Red wire with black tracer, black wire with red tracer and red wire with yellow tracer from headlamp switch on handlebar to terminal plate terminals #9, #21, and #22. Black wire from horn switch to terminal plate terminal #24. Green wire from horn switch to ground terminal plate top mounting screw. Black wire (right handlebar) from speedometer hand lock switch (47) to terminal plate terminal #23.
- E. TWO WIRE CABLE - Red and green wires from horn to switch terminal #1 and terminal #46.
- F. THREE WIRE CABLE - Black, green and red wires from terminal box, terminals #41, #42 and #43 to oil switch and stop lamp switch.
- G. LOOM (two wires) - Red and green from terminal box terminals #43 and #40 to tail lamp.
- H. LOOM (two wires) - Black and red wires from terminal plate terminals #21 and #22 to headlamp.
- J. LOOM (one wire) - Red wire from terminal box terminal #39 (back of box) to positive battery terminal.
- K. LOOM (one wire) - Red wire from terminal box terminal #39 (back of box) to "BAT." Terminal of current and voltage regulator.
- L. LOOM (one wire) - Black wire from positive battery terminal to radio.
- M. LOOM (two wire armored cable) - Red and green wire from generator terminals marked "REG" and "(F)." Armored covering of cable grounded at both ends to generator and current and voltage regulator.
1. SWITCH TERMINAL - Red wire through cable "A" to terminal #39; red wire through cable "C" to terminal #10; red wire through cable "E" to horn.
2. SWITCH TERMINAL - Green wire through cable "C" to terminal #9; green wire to speedometer light (8).
3. SWITCH TERMINAL - Yellow wire through cable "C" to terminal #20.
4. SWITCH TERMINAL - Green wire through cable "A" to terminal #40.
5. SWITCH TERMINAL - Black wire to junction terminal #6.
6. JUNCTION TERMINAL - Black wire to oil signal light (29); black wire to generator signal light (28); black wire to switch terminal #5; black wire through cable "A" to terminal #41; black wire to speedometer hand lock (48).
7. JUNCTION TERMINAL - Yellow wire through cable "A" to terminal #42; green wire to oil signal light (29).
8. SPEEDOMETER LIGHT - Green wire to switch terminal #2.
9. TERMINAL - Green wire through cable "C" to switch terminal #2; red wire with black tracer through "D" to headlamp toggle switch (18).
10. TERMINAL - Red wire through cable "C" to switch terminal #1. This is a live terminal and can be used for accessory lamps, etc. independent of ignition-light switch.
11. TERMINAL - Not used with radio wiring.
12. TERMINAL - Not used with radio wiring.
13. CURRENT AND VOLTAGE REGULATOR - Green wire through loom "M" to generator "(F)" terminal; red wire through loom "M" to generator "REG" terminal.
14. TAIL AND STOP LAMP - Red wire through loom "G" to terminal #43; green wire through loom "G" to terminal #40.
15. BATTERY POSITIVE TERMINAL - Black wire through loom "L" to radio. Red wire through loom "J" to terminal #39.
16. BATTERY NEGATIVE TERMINAL - Black wire to ground terminal on frame.
17. OIL SIGNAL SWITCH - Green wire through cable "F" to terminal #42.
18. HANDLEBAR HEADLAMP SWITCH - Black wire with red tracer through cable "D" to terminal #21; red wire with yellow tracer through cable "D" to terminal #22; red wire with black tracer through cable "D" to terminal #9.
19. HORN SWITCH - Black wire to terminal #24; green wire to ground terminal plate top mounting screw.
20. TERMINAL - Yellow wire through cable "C" to switch terminal #3. Used only with parking lamps.
21. TERMINAL - Black wire with red tracer through "D" to headlamp switch (18); black wire through loom "H" to headlamp (31).
22. TERMINAL - Red wire with yellow tracer through "D" to head lamp switch (18); red wire through loom "H" to head lamp (31).
23. TERMINAL - Black wire (loose) to speedometer hand lock (48); black wire (loose) to handlebar speedometer hand lock switch (47) (right side handlebar).
24. TERMINAL - Black wire (loose) to horn switch; black wire through cable "C" to terminal #46.
25. TERMINAL - Not used with radio wiring.
26. IGNITION CIRCUIT BREAKER - Black wire to coil (35) rear terminal.
27. STOP LAMP SWITCH - Red wire through cable "F" to terminal #43; black wire through cable "F" to terminal #41.
28. GENERATOR SIGNAL LIGHT (marked "GEN") - Black wire (under panel base) to junction terminal #6; green wire (under panel base) to generator "REG" terminal.
29. OIL SIGNAL LIGHT (marked "OIL") - Black wire (under panel base) to junction terminal #6; green wire (under panel base) to junction terminal #7.
30. HORN - Red wire through cable "E" to switch terminal #1; green wire through cable "E" to junction terminal #46.
31. HEAD LAMP - Red wire through loom "H" to terminal #22; black wire through loom "H" to terminal #21.
32. GENERATOR "F" TERMINAL - Green wire through loom "M" to terminal "F" of current and voltage regulator.
33. GENERATOR "REG" TERMINAL - Red wire through loom "M" to terminal "GEN" of current and voltage regulator.
34. IGNITION-LIGHT SWITCH (top view) - Switch position for off, ignition only, ignition and running lights and parking lights are shown in Figure 4. Switch can be locked in off and park positions only, using head lock key.
35. IGNITION COIL - Black wire to terminal #41; black wire to circuit breaker (28).
36. TERMINAL PLATE - Mounted on fork.
38. TERMINAL BOX - Mounted on frame behind ignition coil.
39. TERMINAL (Upper left terminal of terminal box) - Red wire through cable "A" to switch terminal #1; red wire through loom "J" to battery positive terminal #15; red wire through loom "K" to "BAT" terminal of current and voltage regulator.
40. TERMINAL (Upper right terminal of terminal box) - Green wire through cable "A" to switch terminal #4; green wire through loom "G" to tail and stop lamp (14).
41. TERMINAL (Center left terminal of terminal box) - Black wire through cable "A" to junction terminal #6; black wire through cable "F" to stop lamp switch (27); black wire to front coil terminal.
42. TERMINAL (Lower right terminal of terminal box) - Yellow wire through cable "A" to junction terminal #7; green wire through cable "F" to oil signal switch (17).
43. TERMINAL (Lower left terminal of terminal box) - Red wire through loom "G" to tail and stop lamp (14); red wire through cable "F" to stop lamp switch (27).
44. JUNCTION TERMINAL - Not used with radio wiring.
45. HEAD LAMP BRACKET - Black wire to ground terminal plate top mounting screw.
46. JUNCTION TERMINAL (Forward left side instrument panel) - Green wire through cable "E" to horn (30); black wire through cable "C" to terminal #24.
47. SPEEDOMETER HAND LOCK SWITCH - Black wire through right handlebar to terminal #23.
48. SPEEDOMETER HAND LOCK - Black wire (loose) to terminal #23; black wire to junction terminal #6.

NOTE

Sidocar tail and stop lamp. If the sidocar is equipped with a tail and stop lamp, the green wire of the lamp cable is connected to terminal #40 and the red wire to terminal #43 on terminal box (38) behind ignition coil.