

WIRING DIAGRAM FIGURE 1

All models, footstep or cab, World wide
For tractors up to Serial No. V52267

WIRING DIAGRAMS**Key to wiring diagram figure 2.**

1. Horn
2. Headlights
3. Fuel sender and low fuel indicator
4. Differential lock solenoid – 4WD (when fitted)
5. Engine oil pressure switch
6. Water temperature sender
7. Air filter switch
8. Temperature switch – Hydraulic filter
9. Pressure switch – Hydraulic filter
10. Alternator
11. Starter motor
12. Battery
13. Thermostart unit
14. Cigar lighter (when fitted)
15. Stop light switch
16. Trailer indicator warning light
17. Direction indicator warning light
18. Direction indicator switch
19. Direction indicator flasher unit
20. Start switch
21. Main fuse box
22. 13 pin plug – warning lights (instrument panel)
23. 12 pin plug – instruments (instrument panel)
24. Main/dip beam switch
25. Off/side/head light switch
26. Rear work light switch
27. Hazard warning light switch
28. Warning light dimmer switch
29. Neutral start safety switch (transmission)
30. Horn push switch
31. Idle speed indicator light
32. Single fuse – main start circuit
33. Speedometer kit (when fitted)
- 33a. Speedometer interface (black box)
- 33b. Speedometer Transducer
34. PTO safety start switch
35. Differential lock engaged switch
36. Front fender lights – right hand
37. Rear fender lights – right hand
38. Rear work light – right hand
39. Trailer socket
40. Number plate light
41. Parking brake switch
42. 4WD switch (when fitted)
43. Front fender lights – left hand.
44. Rear fender lights – left hand.
45. Earth (–) junction
46. Feed (+) junction
47. IPTO switch (when fitted)
48. Plug and socket – Red – behind engine
49. Plug and socket – Blue – behind engine
50. Plug and socket – Black – behind engine
51. Plug and socket – right hand clutch housing
52. Plug and socket – right hand side cover
53. Plug and socket – right hand clutch housing
54. Plug and socket – right hand side cover
55. Plug and socket – left hand seat deck
56. Plug and socket – right hand seat deck
57. Plug and socket – Speedometer
58. Plug and socket – Speedometer
59. Rear work light left-hand
60. Front work light right-hand (when fitted)
61. Front work light left-hand (when fitted)
62. Beacon (when fitted)
63. Interior light (cab models)
64. Front wiper motor (cab models)

65. Rear wiper motor (when fitted)
66. Radio (when fitted)
67. Road Hi-Lo switch (North America only)
68. Rear wiper switch (when fitted)
69. Front wiper switch (cab models)
70. Cab heater blower motor switch
71. Beacon switch (when fitted)
72. Cab heater blower motor
73. Multi-Power switch (when fitted)
74. Left hand flasher (North America only)
75. Plug and socket
76. Plug and socket
77. Right hand flasher (North America only)
78. Front work light switch (when fitted)
79. Screen washer pump (cab models)
80. Cab fuse box
81. Multi-Power Solenoid (when fitted)
82. Reverse horn switch (when fitted)
83. Reverse horn (when fitted)
84. Starter motor solenoid relay

Wiring colour codes

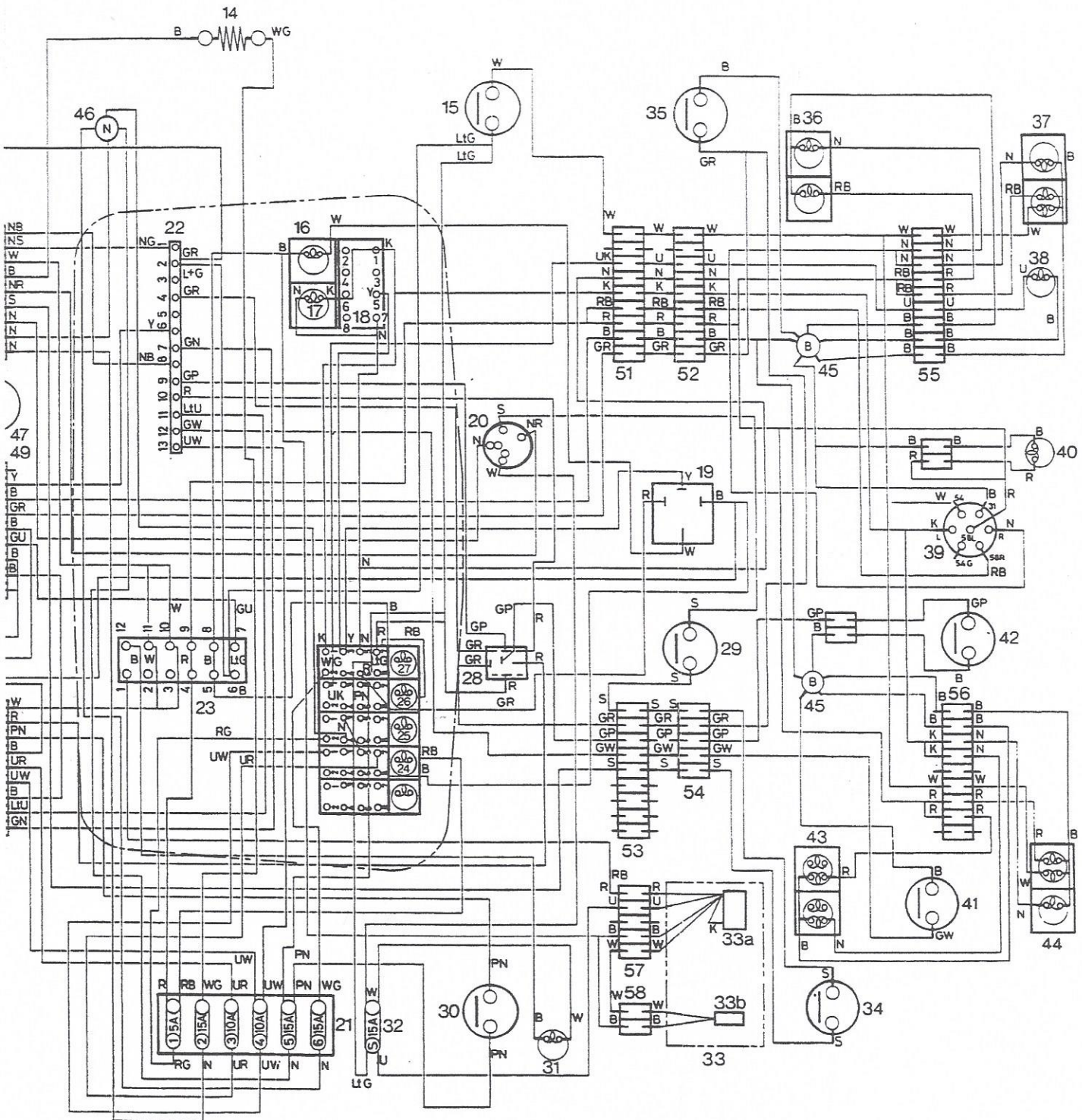
- | | |
|-----|---------------------|
| B | – Black |
| G | – Green |
| GN | – Green/brown |
| GP | – Green/purple |
| GR | – Green/red |
| GU | – Green/blue |
| GW | – Green/white |
| K | – Pink |
| LG | – Light green |
| LU | – Light blue |
| N | – Brown |
| NB | – Brown/black |
| NG | – Brown/green |
| NK | – Brown/pink |
| NR | – Brown/red |
| NU | – Brown/blue |
| O | – Orange |
| P | – Purple |
| PN | – Purple/brown |
| R | – Red |
| RB | – Red/black |
| RG | – Red/green |
| RLG | – Red/light green |
| RY | – Red/yellow |
| S | – Grey |
| U | – Blue |
| UK | – Blue/pink |
| UR | – Blue/red |
| UW | – Blue/white |
| W | – White |
| WG | – White/green |
| WK | – White/pink |
| WLG | – White/light green |
| WS | – White/grey |
| Y | – Yellow |

Trailer socket wiring

- | | |
|-----|---|
| L | – left hand rear direction indicator |
| R | – Right hand rear direction indicator |
| 31 | – Earth (–) |
| 54 | – Right hand and left hand brake stop lights |
| 54G | – Not used spare |
| 58L | – Left hand rear light and number plate light |
| 58R | – Right hand rear light |

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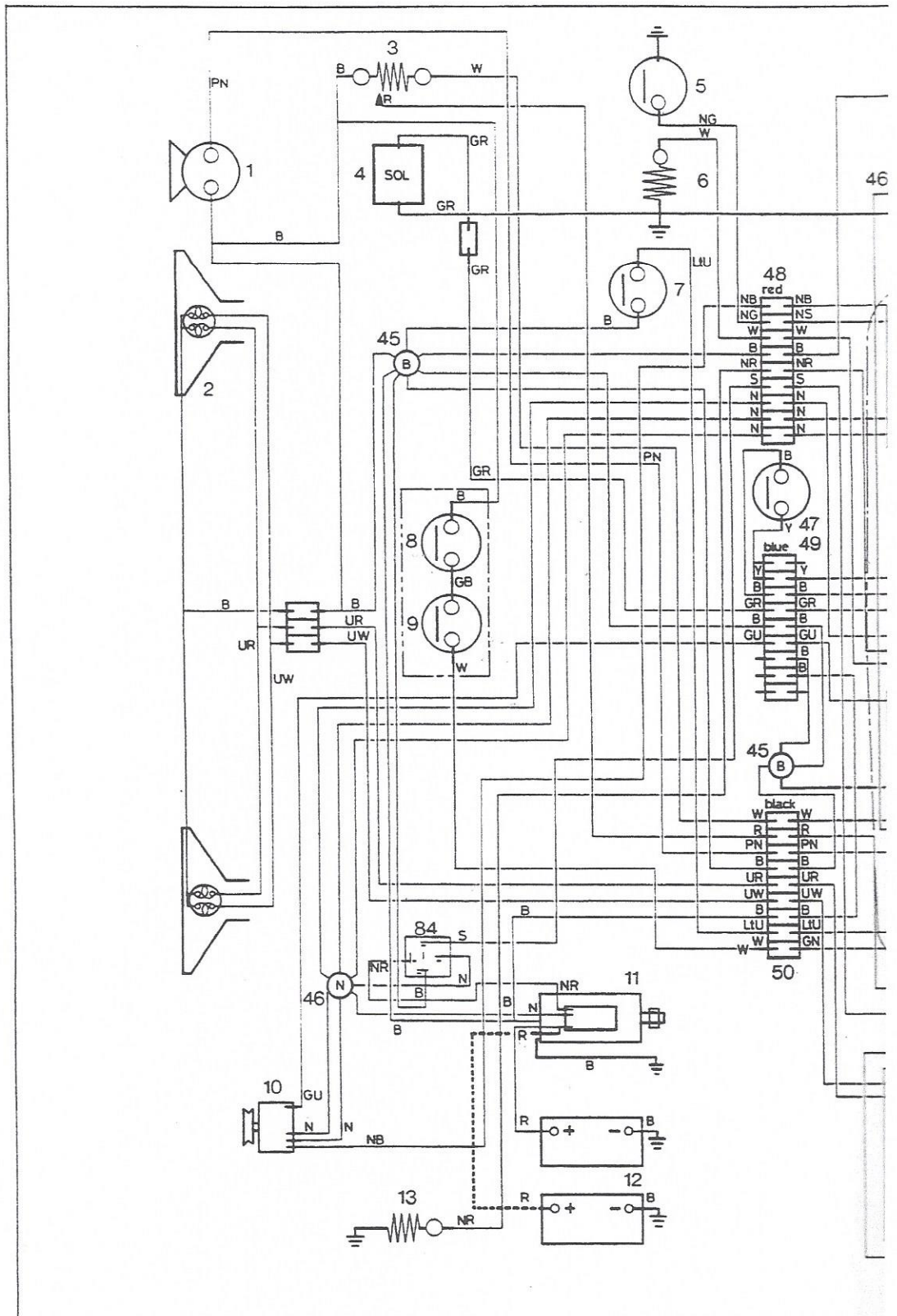
WIRING DIAGRAMS



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Figure 1. Wiring diagram, all models, footstep or cab World wide.

For tractors up to Serial No. V52267



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WIRING DIAGRAM FIGURE 3

All models, North America only.
For tractors up to Serial No. V52267

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WIRING DIAGRAMS

Key to wiring diagram figure 4.

1. Horn
2. Headlights
3. Fuel sender and low fuel indicator
4. Differential lock solenoid - 4WD (when fitted)
5. Engine oil pressure switch
6. Water temperature sender
7. Air filter switch
8. Temperature switch - Hydraulic filter
9. Pressure switch - Hydraulic filter
10. Alternator
11. Starter motor
12. Battery
13. Thermostart unit
14. Cigar lighter (when fitted)
15. Stop light switch
16. Trailer indicator warning light
17. Direction indicator warning light
18. Direction indicator switch
19. Direction indicator flasher unit
20. Start switch
21. Main fuse box
22. 13 pin plug - warning lights (instrument panel)
23. 12 pin plug - instruments (instrument panel)
24. Main/dip beam switch
25. Off/side/head switch
26. Rear work light switch
27. Hazard warning light switch
28. Warning light dimmer switch
29. Neutral start safety switch (transmission)
30. Horn push switch
31. Idle speed indicator light
32. Single fuse - main start circuit
33. Speedometer kit (when fitted)
- 33a. Speedometer interface (black box)
- 33b. Speedometer Transducer
34. PTO safety start switch
35. Differential lock engaged switch
36. Front fender lights - right hand
37. Rear fender lights - right hand
38. Rear work light - right hand
39. Trailer socket
40. Number plate light
41. Parking brake switch
42. 4WD switch (when fitted)
43. Front fender lights - left hand
44. Rear fender lights - left hand
45. Earth (-) junction
46. Feed (+) junction
47. IPTO switch (when fitted)
48. Plug and socket - Red - behind engine
49. Plug and socket - Black - R. H. side clutch housing
50. Plug and socket - Blue - behind engine
51. Plug and socket - Black - right hand clutch housing
52. Plug and socket - behind engine
53. Plug and socket - Red - right hand clutch housing
54. Lighting internal splice
55. Plug and socket - right hand seat deck
56. Plug and socket - left hand seat deck
57. Plug and socket - Speedometer
58. Plug and socket - Speedometer
59. Rear work light left-hand
60. Front work light right-hand (when fitted)
61. Front work light left-hand (when fitted)
62. Beacon (when fitted)
63. Interior light (cab models)
64. Front wiper motor (cab models)
65. Rear wiper motor (when fitted)
66. Radio (when fitted)
67. Road warning light switch (North America only)
68. Rear wiper switch (when fitted)
69. Front wiper switch (cab models)
70. Cab heater blower motor switch
71. Front work light switch (when fitted)
72. Cab heater blower motor
73. Multi-Power switch (when fitted)
74. Left hand flasher (North America only)
75. Lighting internal splice
76. Feed - internal splice

77. Right hand flasher (North America only)
78. Beacon switch
79. Screen washer pump (cab models)
80. Cab fuse box
81. Multi-Power Solenoid (when fitted)
82. Reverse horn switch (when fitted)
83. Reverse horn (when fitted)
- 84.
85. Road warning lights - North America
86. Road warning light switch - North America
87. Road warning light flasher unit - North America
88. Radio speaker - Cab only
89. Radio aerial - Cab only
90. Engine earth

Wiring colour codes

- | | |
|-----|---------------------|
| B | -Black |
| BU | -Black/blue |
| BP | -Black/purple |
| BR | -Black/red |
| BS | -Black/slate |
| BLG | -Black/light green |
| BW | -Black/white |
| G | -Green |
| GB | -Green/black |
| GN | -Green/brown |
| GO | -Green/orange |
| GP | -Green/purple |
| GR | -Green/red |
| GU | -Green/Blue |
| GW | -Green/white |
| K | -Pink |
| LG | -Light Green |
| LGY | -Light green/yellow |
| LU | -Light blue |
| N | -Brown |
| NB | -Brown/black |
| NG | -Brown/green |
| NK | -Brown/pink |
| NR | -Brown/red |
| NU | -Brown/blue |
| O | -Orange |
| P | -Purple |
| PB | -Purple/black |
| PN | -Purple/brown |
| R | -Red |
| RB | -Red/black |
| RU | -Red/blue |
| RG | -Red/green |
| RLG | -Red/light green |
| RW | -Red/white |
| RY | -Red/yellow |
| S | -Grey |
| U | -Blue |
| UK | -Blue/pink |
| UR | -Blue/pink |
| UW | -Blue/white |
| UG | -Blue/green |
| W | -White |
| WN | -White/brown |
| WR | -White/red |
| WB | -White/black |
| WG | -White/green |
| WK | -White/pink |
| WLG | -White/light green |
| WS | -White/grey |
| Y | -Yellow |
| YU | -Yellow/blue |

Trailer socket wiring

- | | |
|-----|--|
| L | -left hand rear direction indicator |
| R | -Right hand rear direction indicator |
| 31 | -Earth (-) |
| 54 | -Right hand and left hand brake stop lights |
| 54G | -Not used spare |
| 58L | -Left hand rear light and number plate light |
| 58R | -Right hand rear light |

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14B-07 WIRING DIAGRAMS

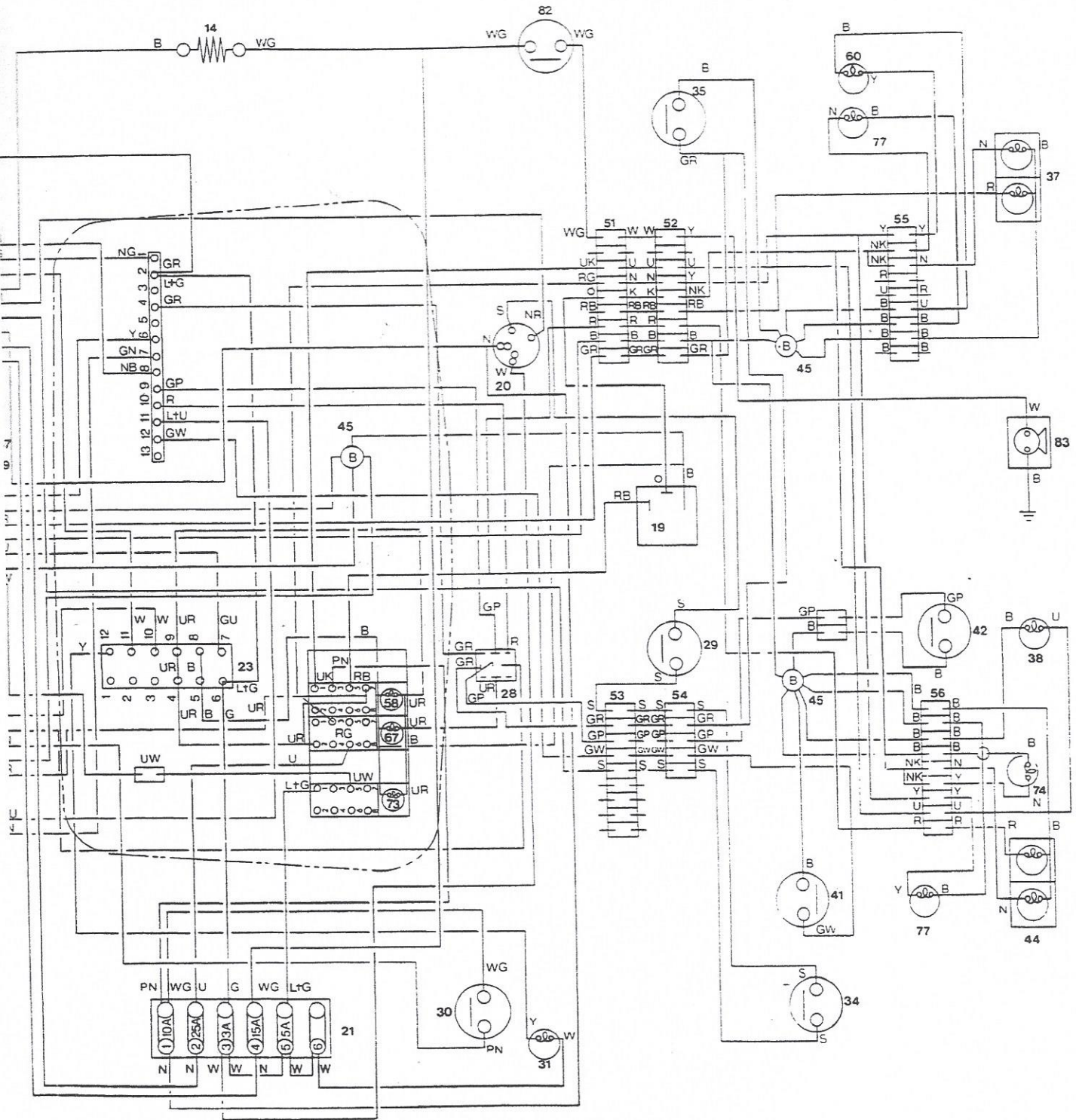
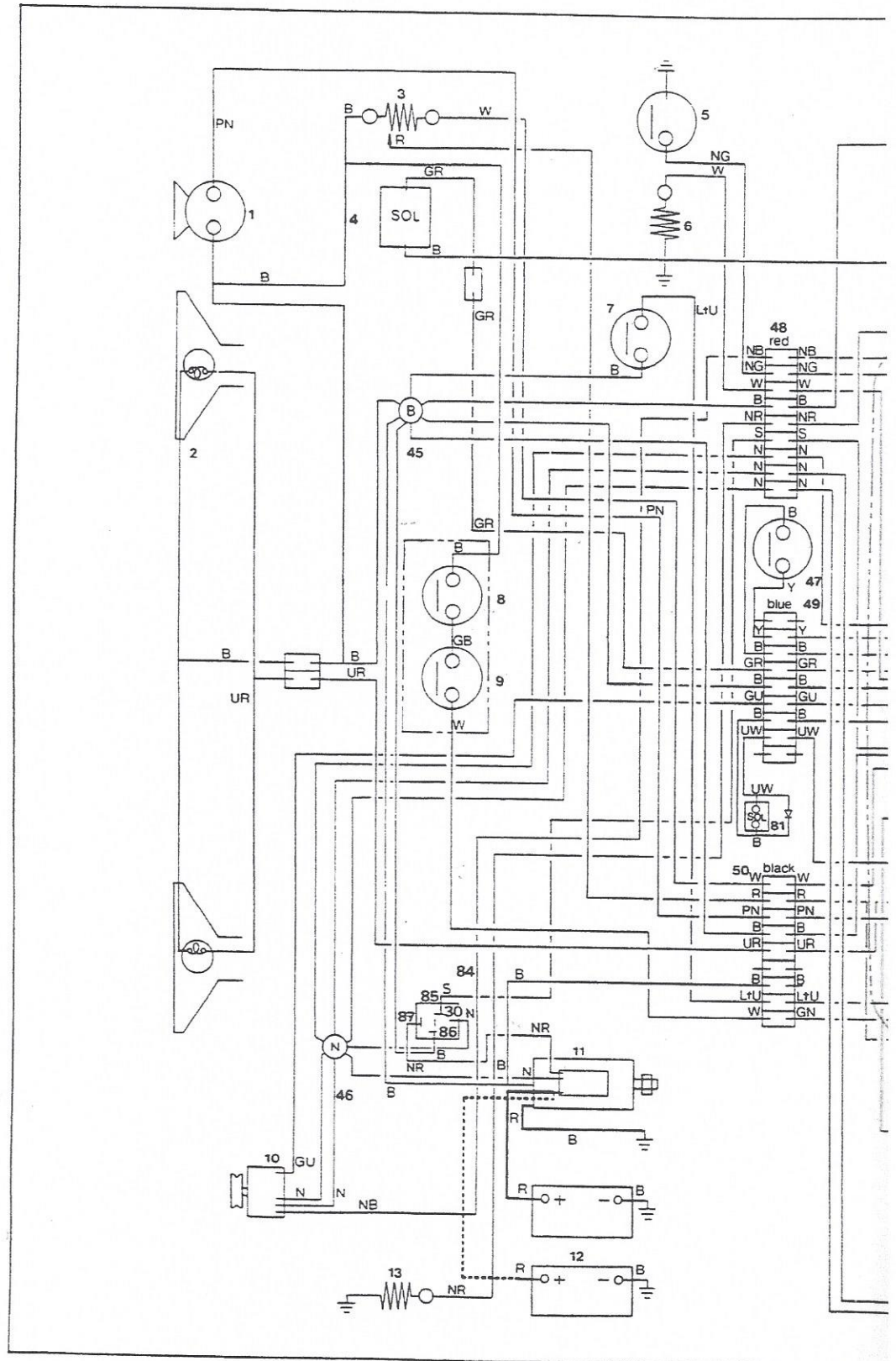


Figure 3. Wiring diagram, all models, North America only.
For tractors up to Serial No. V52267



WIRING DIAGRAM FIGURE 4

All models, footstep World wide

**For tractors Serial No. V52268 to R15000 (3 cyl. engines),
R14072 (4 cyl. engines), R14231 (6 cyl engines)**

WIRING DIAGRAMS

Key to wiring diagram figure 5.

- 1. Horn
- 2. Headlights
- 3. Fuel sender and low fuel indicator
- 4. Differential lock solenoid - 4WD (when fitted)
- 5. Engine oil pressure switch
- 6. Water temperature sender
- 7. Air filter switch
- 8. Temperature switch - Hydraulic filter
- 9. Pressure switch - Hydraulic filter
- 10. Alternator
- 11. Starter motor
- 12. Battery
- 13. Thermostart unit
- 14. Cigar lighter (when fitted)
- 15. Stop light switch
- 16. Trailer indicator warning light
- 17. Direction indicator warning light
- 18. Direction indicator switch
- 19. Direction indicator flasher unit
- 20. Start switch
- 21. Main fuse box
- 22. 13 pin plug - warning lights (instrument panel)
- 23. 12 pin plug - instruments (instrument panel)
- 24. Main/dip beam switch
- 25. Off/side/head switch
- 26. Rear work light switch
- 27. Hazard warning light switch
- 28. Warning light dimmer
- 29. Neutral start safety switch (transmission)
- 30. Horn push switch
- 31. Idle speed indicator light
- 32. Single fuse - main start circuit
- 33. Speedometer kit (when fitted)
- 33a. Speedometer interface (black box)
- 33b. Speedometer Transducer
- 34. PTO safety start switch
- 35. Differential lock engaged switch
- 36. Front fender lights - right hand
- 37. Rear fender lights - right hand
- 38. Rear work light - right hand
- 39. Trailer socket
- 40. Number plate light
- 41. Parking brake switch
- 42. 4WD switch (when fitted)
- 43. Front fender lights - left hand
- 44. Rear fender lights - left hand
- 45. Earth (-) junction
- 46. Feed (+) junction
- 47. IPTO switch (when fitted)
- 48. Plug and socket - Red - behind engine
- 49. Plug and socket - Black - R. H. side clutch housing
- 50. Plug and socket - Blue - behind engine
- 51. Plug and socket - Black - right hand clutch housing
- 52. Plug and socket - behind engine
- 53. Plug and socket - Red - right hand clutch housing
- 54. Lighting internal splice
- 55. Plug and socket - right hand seat deck
- 56. Plug and socket - left hand seat deck
- 57. Plug and socket - Speedometer
- 58. Plug and socket - Speedometer
- 59. Rear work light left-hand
- 60. Front work light right-hand (when fitted)
- 61. Front work light left-hand (when fitted)
- 62. Beacon (when fitted)
- 63. Interior light (cab models)
- 64. Front wiper motor (cab models)
- 65. Rear wiper motor (when fitted)
- 66. Radio (when fitted)
- 67. Road warning light switch (North America only)
- 68. Rear wiper switch (when fitted)
- 69. Front wiper switch (cab models)
- 70. Cab heater blower motor switch
- 71. Front work light switch (when fitted)
- 72. Cab heater blower motor
- 73. Multi-Power switch (when fitted)
- 74. Left hand flasher (North America only)
- 75. Lighting internal splice
- 76. Feed - internal splice

- 77. Right hand flasher (North America only)
- 78. Beacon switch
- 79. Screen washer pump (cab models)
- 80. Cab fuse box
- 81. Multi-Power Solenoid (when fitted)
- 82. Reverse horn switch (when fitted)
- 83. Reverse horn (when fitted)
- 84.
- 85. Road warning lights - North America
- 86. Road warning light switch - North America
- 87. Road warning light flasher unit - North America
- 88. Radio speaker - Cab only
- 89. Radio aerial - Cab only
- 90. Engine earth

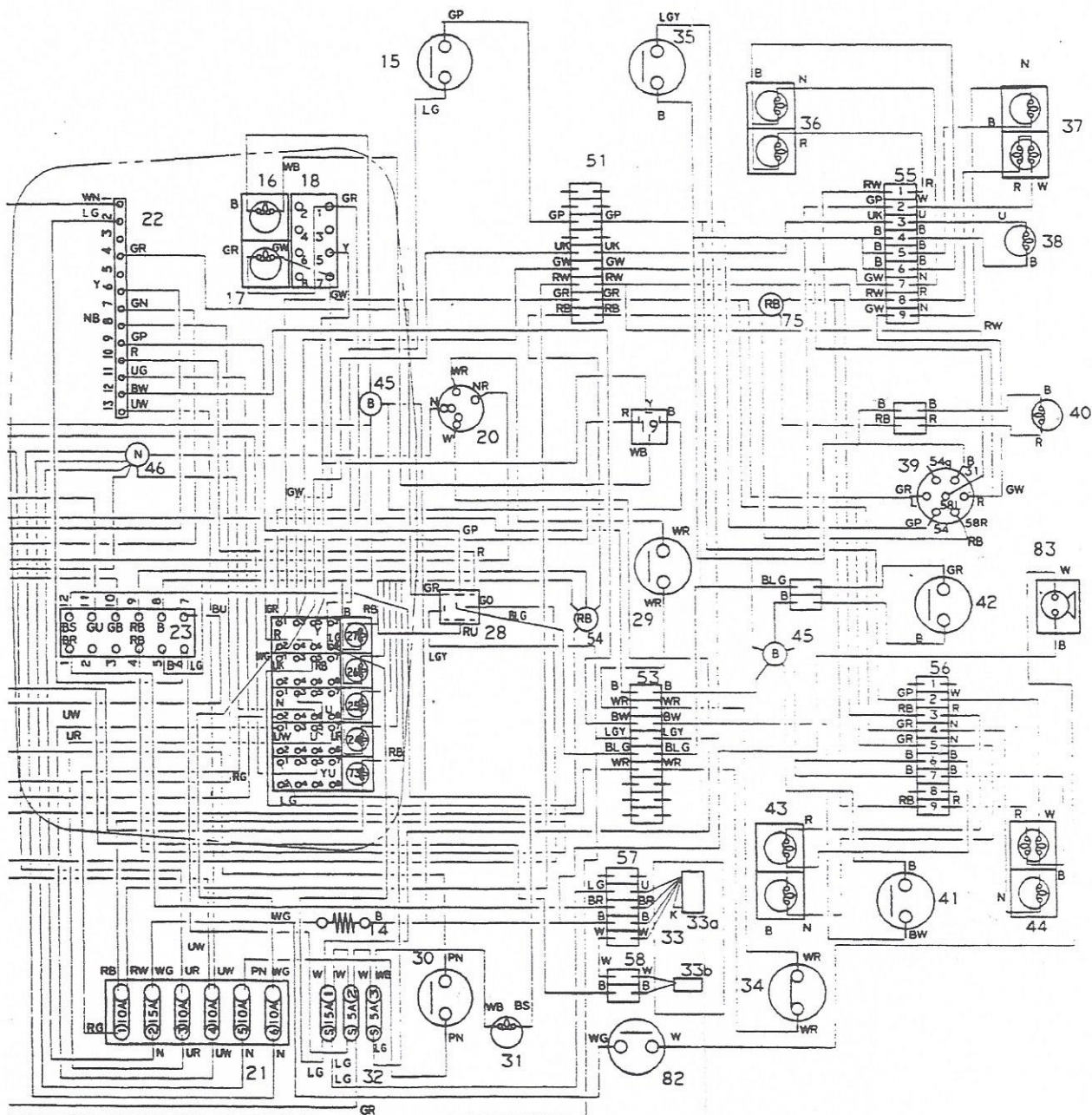
Wiring colour codes

- B -Black
- BU -Black/blue
- BP -Black/purple
- BR -Black/red
- BS -Black/slate
- BLG -Black/light green
- BW -Black/white
- G -Green
- GB -Green/black
- GN -Green/brown
- GO -Green/orange
- GP -Green/purple
- GR -Green/red
- GU -Green/Blue
- GW -Green/white
- K -Pink
- LG -Light Green
- LGY -Light green/yellow
- LU -Light blue
- N -Brown
- NB -Brown/black
- NG -Brown/green
- NK -Brown/pink
- NR -Brown/red
- NU -Brown/blue
- O -Orange
- P -Purple
- PB -Purple/black
- PN -Purple/brown
- R -Red
- RB -Red/black
- RU -Red/blue
- RG -Red/green
- RLG -Red/light green
- RW -Red/white
- RY -Red/yellow
- S -Grey
- U -Blue
- UK -Blue/pink
- UR -Blue/pink
- UW -Blue/white
- UG -Blue/green
- W -White
- WN -White/brown
- WR -White/red
- WB -White/black
- WG -White/green
- WK -White/pink
- WLG -White/light green
- WS -White/grey
- Y -Yellow
- YU -Yellow/blue

Trailer socket wiring

- L -left hand rear direction indicator
- R -Right hand rear direction indicator
- 31 -Earth (-)
- 54 -Right hand and left hand brake stop lights
- 54G -Not used spare
- 58L -Left hand rear light and number plate light
- 58R -Right hand rear light

8



TL117

Figure 4. Wiring diagram, all models, footstep World wide.
 Tractors Serial No. V52268 to R15000 (3 cyl. engines),
 R14072 (4 cyl. engines), R14231 (6 cyl. engines)

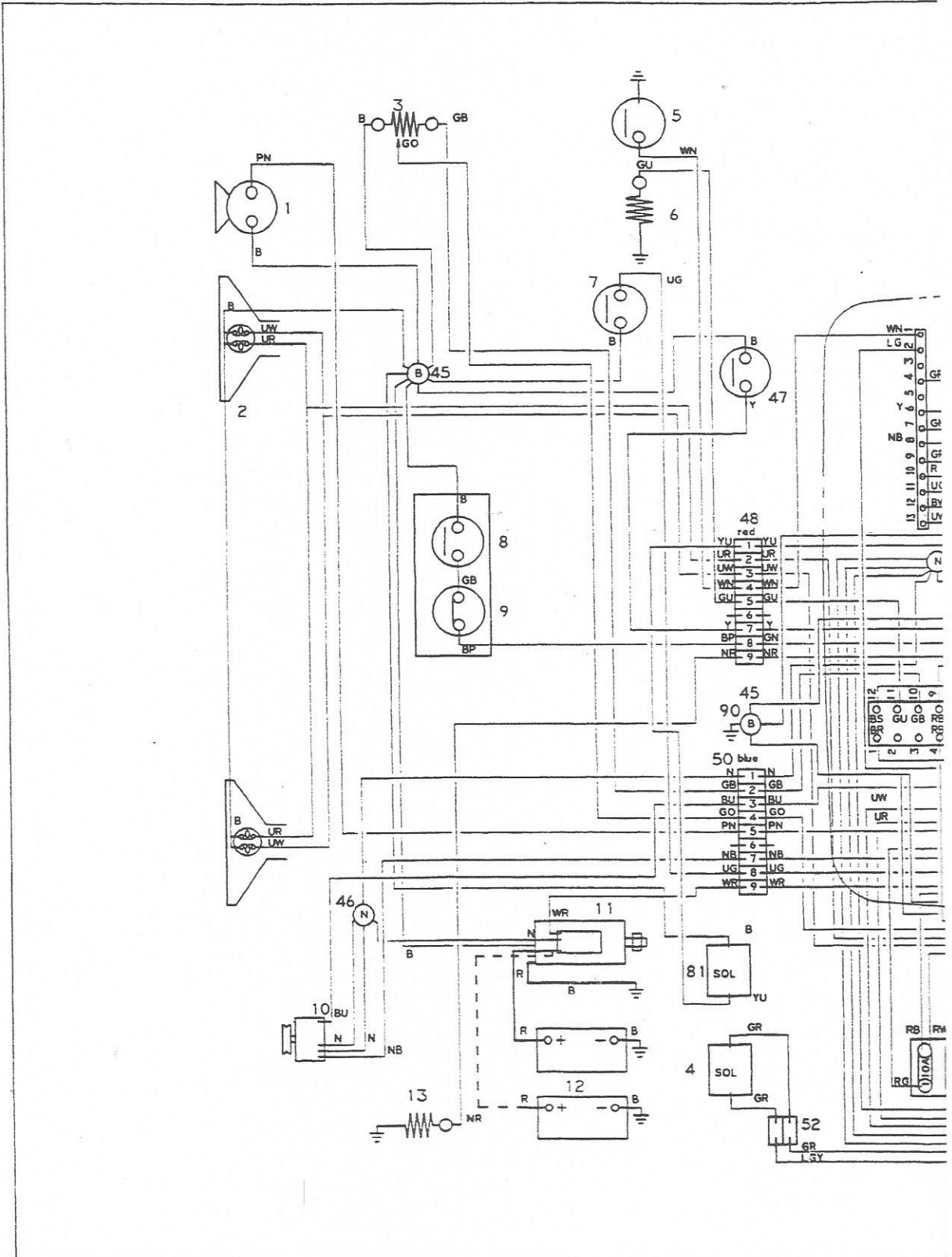


Figure 4. Wiring dia
For tractors Serial N
R14072 (4 cyl.)

WIRING DIAGRAM FIGURE 6

All models, footstep, North America

**For tractors Serial No. V52268 to R15000 (3 cyl. engines),
R14072 (4 cyl. engines), R14231 (6 cyl engines)**

WIRING DIAGRAMS

Key to wiring diagram figure 7.

1. Horn
2. Headlights
3. Fuel sender and low fuel indicator
4. Differential lock solenoid—4WD (when fitted)
5. Engine oil pressure switch
6. Water temperature sender
7. Air filter switch
8. Temperature switch—Hydraulic filter
9. Pressure switch—Hydraulic filter
10. Alternator
11. Starter motor
12. Battery
13. Thermostart unit
14. Cigar lighter (when fitted)
15. Stop light switch
16. Trailer indicator warning light
17. Direction indicator warning light
18. Direction indicator switch
19. Direction indicator flasher unit
20. Start switch
21. Main fuse box
22. 13 pin plug—warning lights (instrument panel)
23. 12 pin plug—instruments (instrument panel)
24. Main/dip beam switch
25. Off/side/head switch
26. Rear work light switch
27. Hazard warning light switch
28. Warning light dimmer switch
29. Neutral start safety switch (transmission)
30. Horn push switch
31. Idle speed indicator light
32. Single fuse—main start circuit
33. Speedometer kit (when fitted)
- 33a. Speedometer interface (black box)
- 33b. Speedometer Transducer
34. PTO safety start switch
35. Differential lock engaged switch
36. Front fender lights—right hand
37. Rear fender lights—right hand
38. Rear work light—right hand
39. Trailer socket
40. Number plate light
41. Parking brake switch
42. 4WD switch (when fitted)
43. Front fender lights—left hand
44. Rear fender lights—left hand
45. Earth (—) junction
46. Feed (+) junction
47. IPTO switch (when fitted)
48. Plug and socket—Red—behind engine
49. Plug and socket—Black—R. H. side clutch housing
50. Plug and socket—Blue—behind engine
51. Plug and socket—Black—right hand clutch housing
52. Plug and socket—behind engine
53. Plug and socket—Red—right hand clutch housing
54. Lighting internal splice
55. Plug and socket—right hand seat deck
56. Plug and socket—left hand seat deck
57. Plug and socket—Speedometer
58. Plug and socket—Speedometer
59. Rear work light left-hand
60. Front work light right-hand (when fitted)
61. Front work light left-hand (when fitted)
62. Beacon (when fitted)
63. Interior light (cab models)
64. Front wiper motor (cab models)
65. Rear wiper motor (when fitted)
66. Radio (when fitted)
67. Road warning light switch (North America only)
68. Rear wiper switch (when fitted)
69. Front wiper switch (cab models)
70. Cab heater blower motor switch
71. Front work light switch (when fitted)
72. Cab heater blower motor
73. Multi-Power switch (when fitted)
74. Left hand flasher (North America only)
75. Lighting internal splice
76. Feed—internal splice

77. Right hand flasher (North America only)
78. Beacon switch
79. Screen washer pump (cab models)
80. Cab fuse box
81. Multi-Power Solenoid (when fitted)
82. Reverse horn switch (when fitted)
83. Reverse horn (when fitted)
- 84.
85. Road warning lights—North America
86. Road warning light switch—North America
87. Road warning light flasher unit—North America
88. Radio speaker—Cab only
89. Radio aerial—Cab only
90. Engine earth

Wiring colour codes

B	—Black
BU	—Black/blue
BP	—Black/purple
BR	—Black/red
BS	—Black/slate
BLG	—Black/light green
BW	—Black/white
G	—Green
GB	—Green/black
GN	—Green/brown
GO	—Green/orange
GP	—Green/purple
GR	—Green/red
GU	—Green/Blue
GW	—Green/white
K	—Pink
LG	—Light Green
LGY	—Light green/yellow
LU	—Light blue
N	—Brown
NB	—Brown/black
NG	—Brown/green
NK	—Brown/pink
NR	—Brown/red
NU	—Brown/blue
O	—Orange
P	—Purple
PB	—Purple/black
PN	—Purple/brown
R	—Red
RB	—Red/black
RU	—Red/blue
RG	—Red/green
RLG	—Red/light green
RW	—Red/white
RY	—Red/yellow
S	—Grey
U	—Blue
UK	—Blue/pink
UR	—Blue/pink
UW	—Blue/white
UG	—Blue/green
W	—White
WN	—White/brown
WR	—White/red
WB	—White/black
WG	—White/green
WK	—White/pink
WLG	—White/light green
WS	—White/grey
Y	—Yellow
YU	—Yellow/blue

Trailer socket wiring

L	—left hand rear direction indicator
R	—Right hand rear direction indicator
31	—Earth (—)
54	—Right hand and left hand brake stop lights
54G	—Not used spare
58L	—Left hand rear light and number plate light
58R	—Right hand rear light

14B-13



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Figure 6. Wiring diagram, all models, footstep, North America.

**For tractors Serial No. V52268 to R15000 (3 cyl. engines),
R14072 (4 cyl. engines), R14231 (6 cyl engines)**

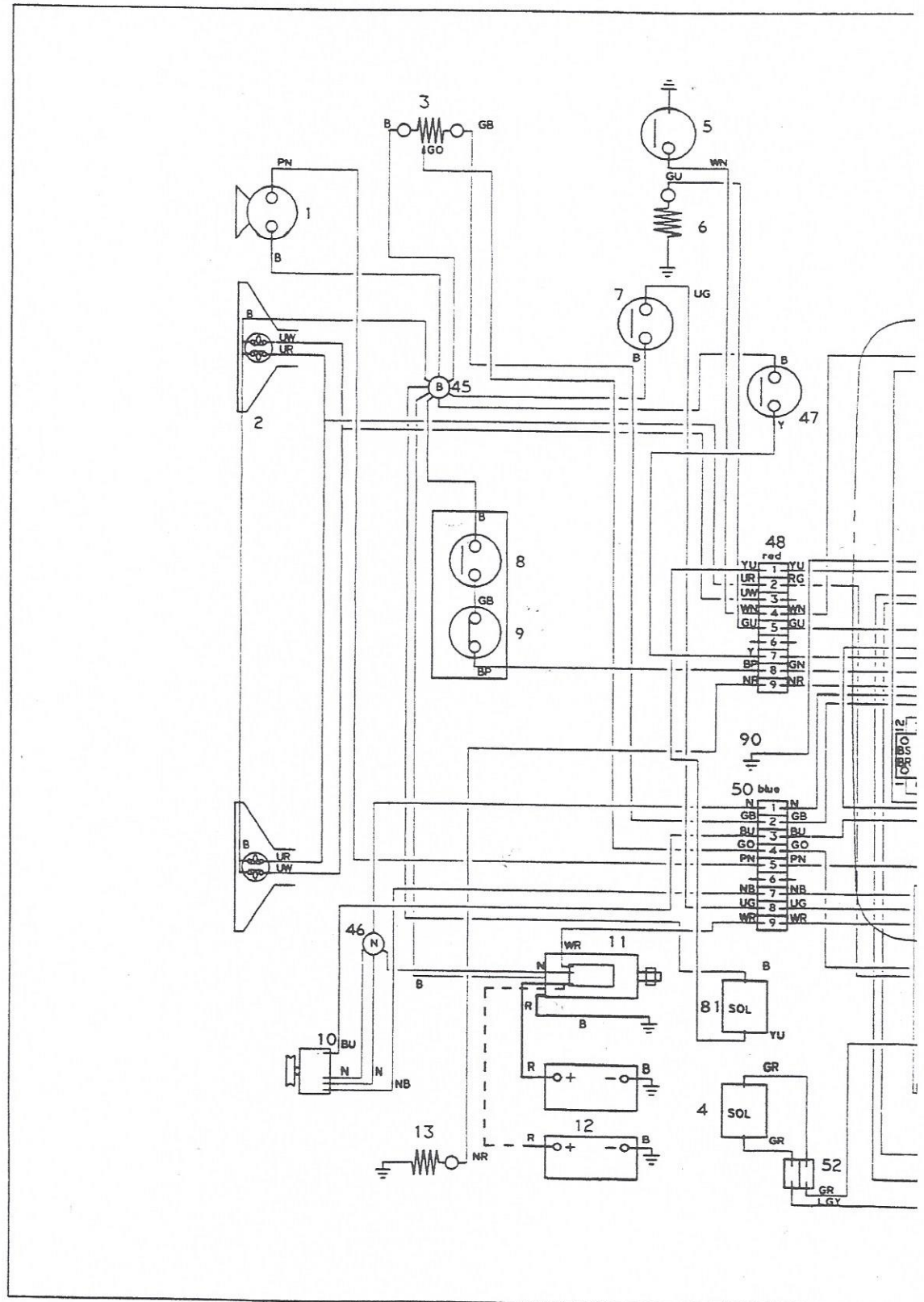


Figure 6. Win
For tractors
R1407

WIRING DIAGRAM FIGURE 10

All models, Footstep, World wide.

**For tractors Serial No. R15001 (3 cyl. engines),
R14073 (4 cyl. engines), R14232 (6 cyl. engines)
to S00000 (all engines)**

WIRING DIAGRAMS

Key to wiring diagram figure 11.

- 1. Horn
- 2. Headlights
- 3. Fuel sender and low fuel indicator
- 4. Differential lock solenoid - 4WD (when fitted)
- 5. Engine oil pressure switch
- 6. Water temperature sender
- 7. Air filter switch
- 8. Temperature switch - hydraulic filter
- 9. Pressure switch - hydraulic filter
- 10. Alternator
- 11. Starter motor
- 12. Battery
- 13. Thermostart unit
- 14. Cigar lighter (when fitted)
- 15. Stop light switch
- 16. Trailer indicator warning light
- 17. Direction indicator warning light
- 18. Direction indicator switch
- 19. Direction indicator flasher unit
- 20. Start switch
- 21. Main fuse box
- 22. 13 pin plug - warning lights (instrument panel)
- 23. 12 pin plug - instruments (instrument panel)
- 24. Main/dip beam switch
- 25. Off/side/head switch
- 26. Rear work light switch
- 27. Hazard warning light switch
- 28. Warning light dimmer
- 29. Neutral start safety switch (transmission)
- 30. Horn push
- 31. Idle speed indicator light
- 32. Single fuse - main start circuit
- 33. Speedometer kit (when fitted)
- 33a. Speedometer interface (black box)
- 33b. Speedometer transducer
- 34. PTO safety start switch
- 35. Differential lock engaged switch
- 36. Front fender lights - right hand
- 37. Rear fender lights - right hand
- 38. Rear work light - right hand
- 39. Trailer socket
- 40. Number plate light
- 41. Parking brake switch
- 42. 4WD switch (when fitted)
- 43. Front fender lights - left hand
- 44. Rear fender lights - left hand
- 45. Earth (-) junction
- 46. Feed (+) junction
- 47. IPTO switch (when fitted)
- 48. Plug and socket - red - behind engine
- 49. Plug and socket - black - R.H. side clutch housing
- 50. Plug and socket - blue - behind engine
- 51. Plug and socket - black - R.H. clutch housing
- 52. Plug and socket - behind engine
- 53. Plug and socket - red - R.H. clutch housing
- 54. Lighting internal splice
- 55. Plug and socket - right hand seat deck
- 56. Plug and socket - left hand seat deck
- 57. Plug and socket - speedometer
- 58. Plug and socket - speedometer
- 59. Rear work light - left hand
- 60. Front work light - right hand (when fitted)
- 61. Front work light - left hand (when fitted)
- 62. Beacon (when fitted)
- 63. Interior light (cab models)
- 64. Front wiper motor (cab models)
- 65. Rear wiper motor (when fitted)
- 66. Radio (when fitted)
- 67. Road warning light switch (North America only)
- 68. Rear wiper switch (when fitted)
- 69. Front wiper switch (cab models)
- 70. Cab heater blower motor switch
- 71. Front work light switch (when fitted)
- 72. Cab heater blower motor
- 73. Multi-Power switch (when fitted)
- 74. Left hand flasher (North America only)
- 75. Lighting internal splice
- 76. Feed - internal splice
- 77. Right hand flasher (North America only)
- 78. Beacon switch
- 79. Screen washer pump (cab models)

- 80. Cab fuse box
- 81. Multi-Power solenoid (when fitted)
- 82. Reverse horn switch (when fitted)
- 83. Reverse horn (when fitted)
- 84. Front differential lock switch - 4WD
- 85. Road warning lights - North America
- 86. Road warning light switch - North America
- 87. Road warning light flasher unit - North America
- 88. Radio speaker - (cab models)
- 89. Radio aerial - (cab models)
- 90. Engine earth
- 91. Air conditioner relay
- 92. Air conditioner thermostat
- 93. Air conditioner compressor
- 94. Air conditioner cut-out switches
- 95. Plug and socket (air conditioner)
- 96. Rear screen washer pump
- 97. Fresh air blower motor
- 98. Fresh air blower motor resistor
- 99. Fresh air blower motor switch
- 100. Air conditioner line fuse
- 101. Fresh air blower motor relay
- 102. Plug and socket (R.H. lamp unit)
- 103. Plug and socket (L.H. lamp unit)
- 104. Plug and socket (direction indicators)
- 105. 4WD switch (when fitted)
- 106. Range indicator light junction
- 107. Range indicator light
- 108. Range indicator light switch junction
- 109. Range indicator light switch
- 110. Plug and socket reverse horn junction L.H. side
- 111. Plug and socket reverse horn switch L.H. side
- 112. Plug and socket differential lock switch junction (right hand side rear axle)
- 113. Engine speed sensor (when fitted)
- 114. Fuel valve (when fitted)
- 115. Plug and socket 4WD switch junction L.H. side spacer
- 116. Battery isolator switch (when fitted)
- 117. Tachometer interface unit (when fitted)
- 118. 4WD solenoid valve (when fitted)

Wiring colour codes

B	- Black	P	- Purple
BU	- Black/blue	PB	- Purple/black
BP	- Black/purple	PN	- Purple/brown
BR	- Black/red	R	- Red
BS	- Black/slate	RB	- Red/black
BLG	- Black/light green	RU	- Red/blue
BW	- Black/white	RG	- Red/green
G	- Green	RLG	- Red/light green
GB	- Green/black	RW	- Red/white
GN	- Green/brown	RY	- Red/yellow
GO	- Green/orange	S	- Grey
GP	- Green/purple	U	- Blue
GR	- Green/red	UK	- Blue/pink
GU	- Green/blue	UR	- Blue/red
GW	- Green/white	UW	- Blue/white
K	- Pink	UG	- Blue/green
LG	- Light green	W	- White
LGY	- Light green/yellow	WN	- White/brown
LU	- Light blue	WR	- White/red
N	- Brown	WB	- White/black
NB	- Brown/black	WG	- White/green
NG	- Brown/green	WK	- White/pink
NK	- Brown/pink	WLG	- White/light green
NR	- Brown/red	WS	- White/grey
NU	- Brown/blue	Y	- Yellow
O	- Orange	YU	- Yellow/blue

Trailer socket wiring

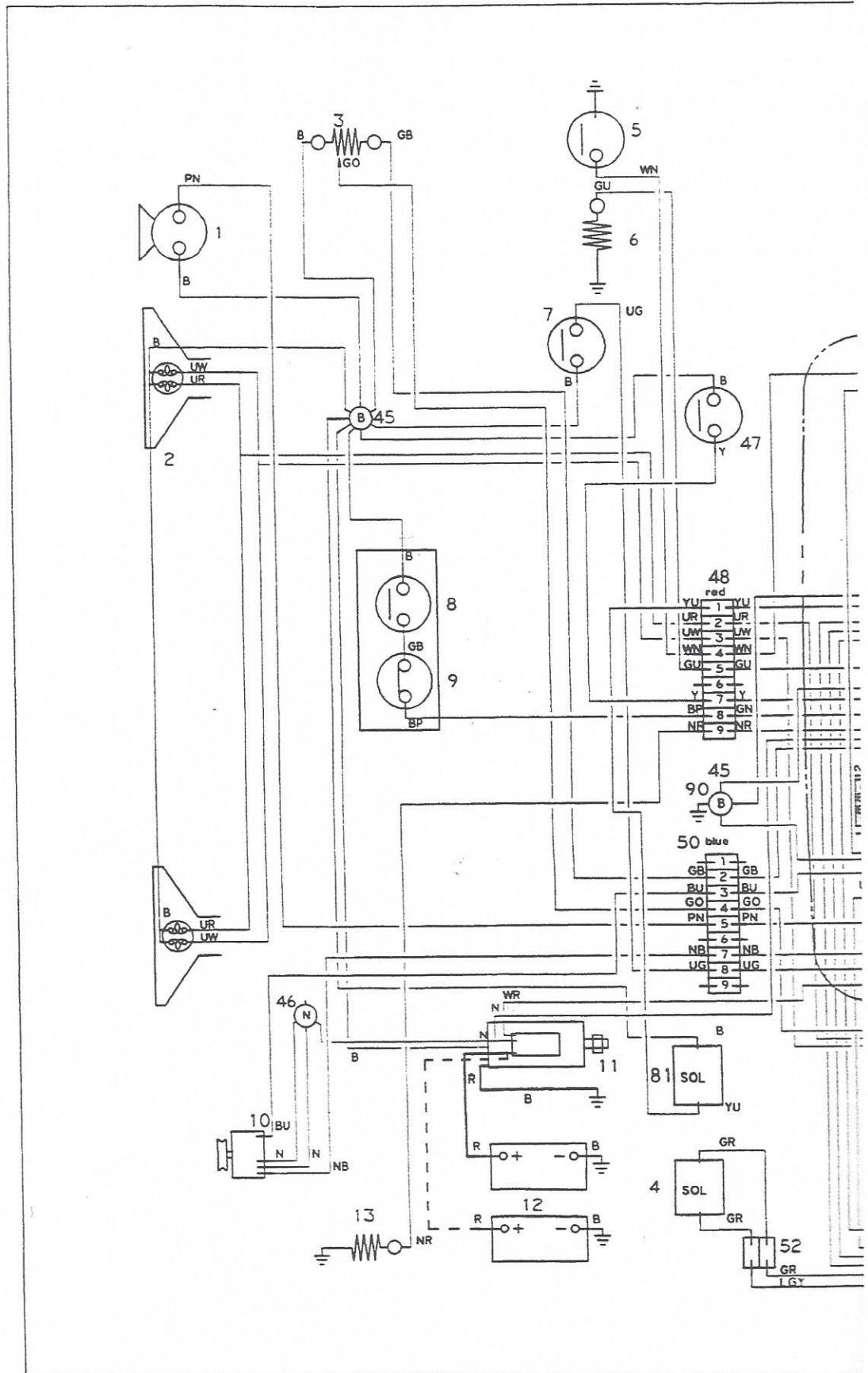
- L - Left-hand rear direction indicator
- R - Right-hand rear direction indicator
- 31 - Earth
- 54 - Right-hand and left-hand brake stop lights
- 54G - Not used - spare
- 58L - Left-hand rear light and number plate light
- 58R - Right hand rear light

WIRING DIAGRAM

14B-21



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M-F 300 Series

Figure 10.
For tractors Se
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WIRING DIAGRAM FIGURE 11

All models, Footstep, North America.

**For tractors Serial No. R15001 (3 cyl. engines),
R14073 (4 cyl. engines), R14232 (6 cyl. engines)
to S00000 (all engines)**

14B-24**WIRING DIAGRAMS****Key to wiring diagram figure 12.**

1. Horn
2. Headlights
3. Fuel sender and low fuel indicator
4. Differential lock solenoid - 4WD (when fitted)
5. Engine oil pressure switch
6. Water temperature sender
7. Air filter switch
8. Temperature switch - hydraulic filter
9. Pressure switch - hydraulic filter
10. Alternator
11. Starter motor
12. Battery
13. Thermostart unit
14. Cigar lighter (when fitted)
15. Stop light switch
16. Trailer indicator warning light
17. Direction indicator warning light
18. Direction indicator switch
19. Direction indicator flasher unit
20. Start switch
21. Main fuse box
22. 13 pin plug - warning lights (instrument panel)
23. 12 pin plug - instruments (instrument panel)
24. Main/dip beam switch
25. Off/side/head switch
26. Rear work light switch
27. Hazard warning light switch
28. Warning light dimmer
29. Neutral start safety switch (transmission)
30. Horn push
31. Idle speed indicator light
32. Single fuse - main start circuit
33. Speedometer kit (when fitted)
- 33a. Speedometer interface (black box)
- 33b. Speedometer transducer
34. PTO safety start switch
35. Differential lock engaged switch
36. Front fender lights - right hand
37. Rear fender lights - right hand
38. Rear work light - right hand
39. Trailer socket
40. Number plate light
41. Parking brake switch
42. 4WD switch (when fitted)
43. Front fender lights - left hand
44. Rear fender lights - left hand
45. Earth (-) junction
46. Feed (+) junction
47. IPTO switch (when fitted)
48. Plug and socket - red - behind engine
49. Plug and socket - black - R.H. side clutch housing
50. Plug and socket - blue - behind engine
51. Plug and socket - black - R.H. clutch housing
52. Plug and socket - behind engine
53. Plug and socket - red - R.H. clutch housing
54. Lighting internal splice
55. Plug and socket - right hand seat deck
56. Plug and socket - left hand seat deck
57. Plug and socket - speedometer
58. Plug and socket - speedometer
59. Rear work light - left hand
60. Front work light - right hand (when fitted)
61. Front work light - left hand (when fitted)
62. Beacon (when fitted)
63. Interior light (cab models)
64. Front wiper motor (cab models)
65. Rear wiper motor (when fitted)
66. Radio (when fitted)
67. Road warning light switch (North America only)
68. Rear wiper switch (when fitted)
69. Front wiper switch (cab models)
70. Cab heater blower motor switch
71. Front work light switch (when fitted)
72. Cab heater blower motor
73. Multi-Power switch (when fitted)
74. Left hand flasher (North America only)
75. Lighting internal splice
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80. Cab fuse box
81. Multi-Power solenoid (when fitted)
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84. Front differential lock switch - 4WD
85. Road warning lights - North America
86. Road warning light switch - North America
87. Road warning light flasher unit - North America
88. Radio speaker - (cab models)
89. Radio aerial - (cab models)
90. Engine earth
91. Air conditioner relay
92. Air conditioner thermostat
93. Air conditioner compressor
94. Air conditioner cut-out switches
95. Plug and socket (air conditioner)
96. Rear screen washer pump
97. Fresh air blower motor
98. Fresh air blower motor resistor
99. Fresh air blower motor switch
100. Air conditioner line fuse
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102. Plug and socket (R.H. lamp unit)
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104. Plug and socket (direction indicators)
105. 4WD switch (when fitted)
106. Range indicator light junction
107. Range indicator light
108. Range indicator light switch junction
109. Range indicator light switch
110. Plug and socket reverse horn junction L.H. side
111. Plug and socket reverse horn switch L.H. side
112. Plug and socket differential lock switch junction (right hand side rear axle)
113. Engine speed sensor (when fitted)
114. Fuel valve (when fitted)
115. Plug and socket 4WD switch junction L.H. side spacer
116. Battery isolator switch (when fitted)
117. Tachometer interface unit (when fitted)
118. 4WD solenoid valve (when fitted)

Wiring colour codes

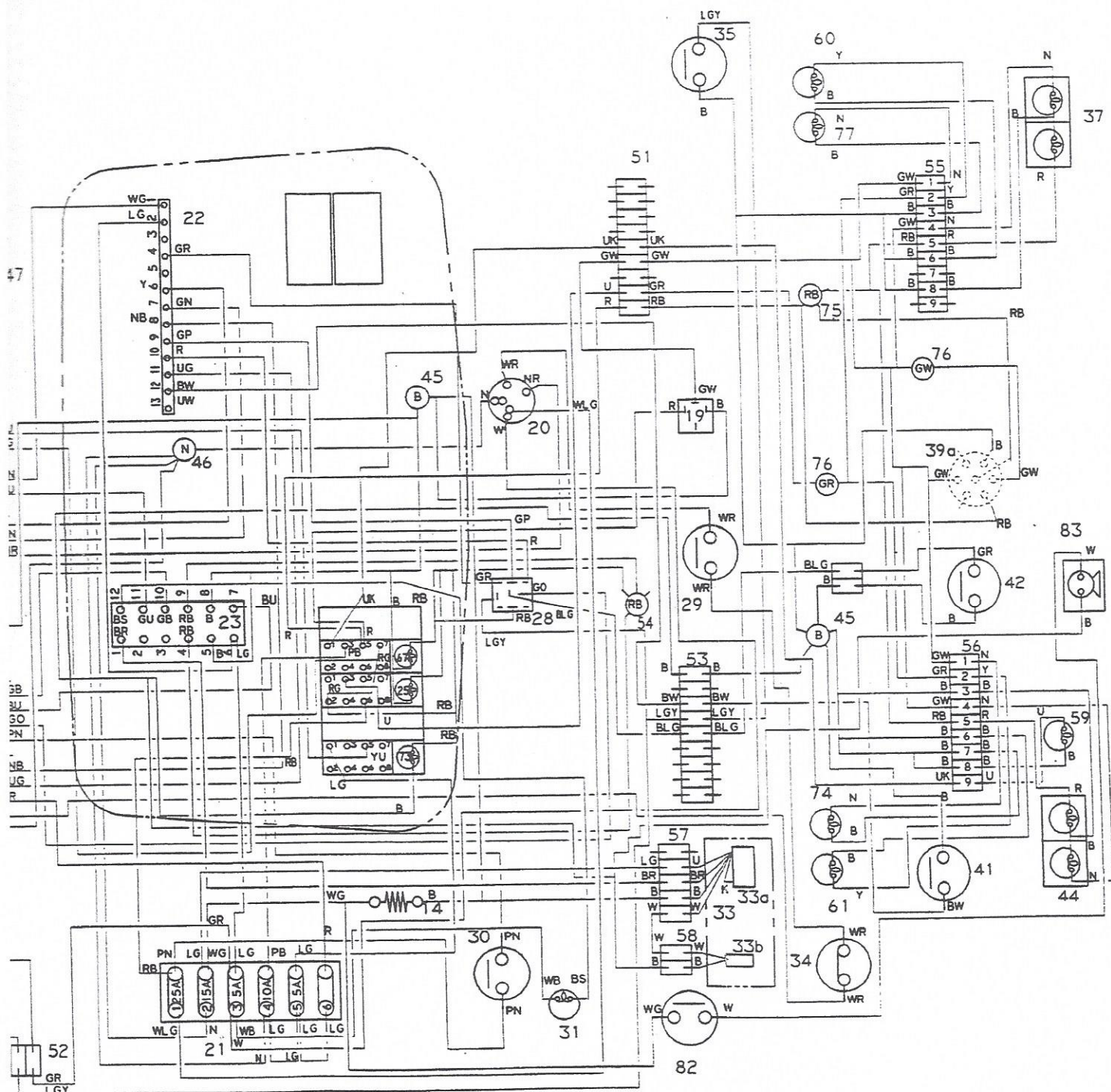
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GP	- Green/purple	U	- Blue
GR	- Green/red	UK	- Blue/pink
GU	- Green/blue	UR	- Blue/red
GW	- Green/white	UW	- Blue/white
K	- Pink	UG	- Blue/green
LG	- Light green	W	- White
LGY	- Light green/yellow	WN	- White/brown
LU	- Light blue	WR	- White/red
N	- Brown	WB	- White/black
NB	- Brown/black	WG	- White/green
NG	- Brown/green	WK	- White/pink
NK	- Brown/pink	WLG	- White/light green
NR	- Brown/red	WS	- White/grey
NU	- Brown/blue	Y	- Yellow
O	- Orange	YU	- Yellow/blue

Trailer socket wiring

- | | |
|-----|---|
| L | - Left-hand rear direction indicator |
| R | - Right-hand rear direction indicator |
| 31 | - Earth |
| 54 | - Right-hand and left-hand brake stop lights |
| 54G | - Not used - spare |
| 58L | - Left-hand rear light and number plate light |
| 58R | - Right hand rear light |

14B-23

WIRING DIAGRAMS

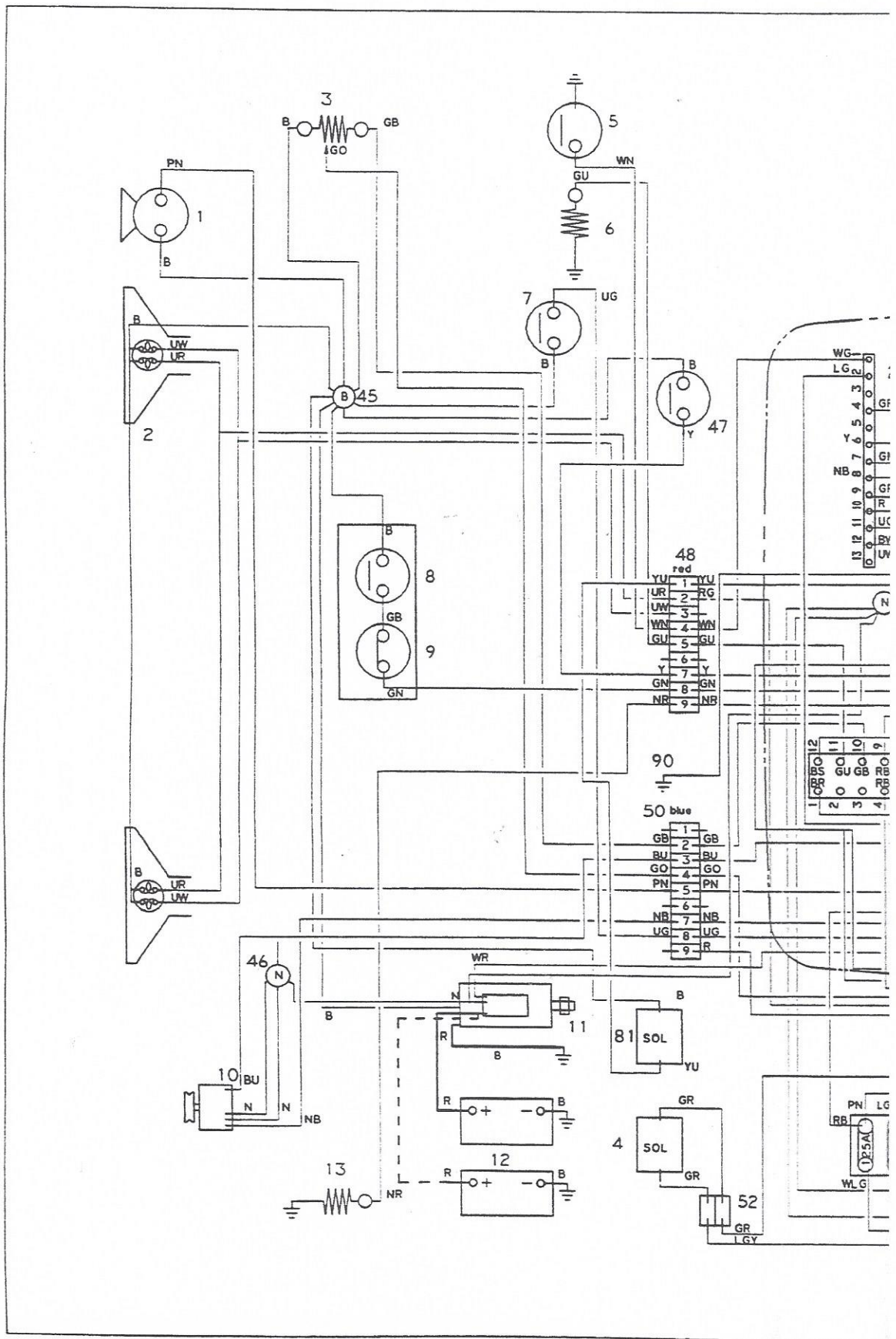


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Figure 11. Wiring diagram, All models, Footstep, North America.

For tractors Serial No. R15001 (3 cyl. engines), R14073 (4 cyl. engines),
R14232 (6 cyl. engines) to S00000 (all engines)

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M-F 300 Series

Figure 11. Wiring diagram
For tractors Serial No. R14232 (6 c)