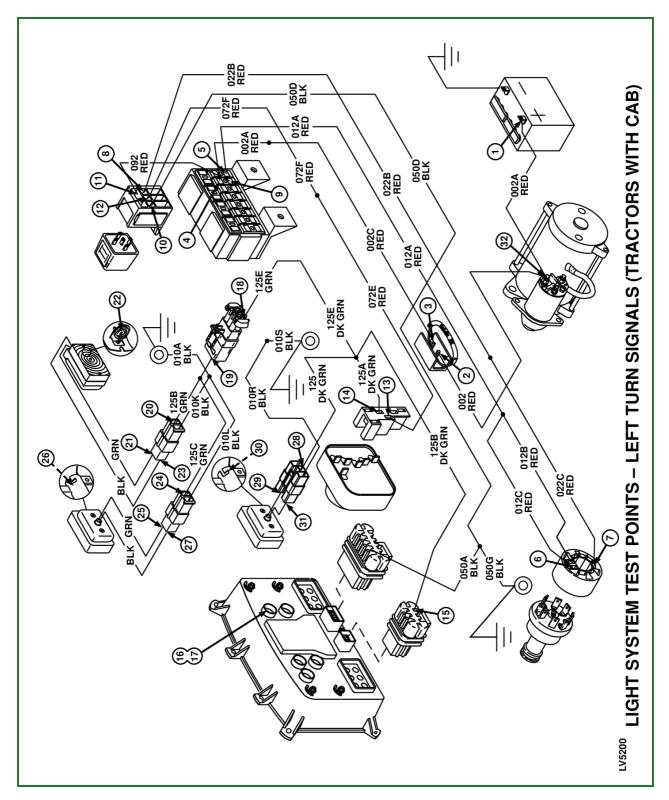
Lighting System Test Points—Left Turn Signals (Tractors With Cab)



LV5200-19: Lighting System Test Points—Left Turn Signals (Tractors With Cab)

CONDITIONS:

- Key switch in run position.
- Forward/reverse selector in N, neutral position.
- · Park brake engaged.
- Meter positive lead (red) on the numbered test point.
- Meter negative lead (black) on battery negative (—) post.
- · Meter on DC volts.
- Electrical tests and adjustments in this section and group.

-: Test Points—Left Turn Signal (with Cab)

Test Location	Normal	If Not Normal	
Battery positive post.	Minimum 11.8 VDC.	Test battery and charge if good. Replace bad battery.	
2. Left post of fuse link junction block.	Battery voltage.	Check for corroded connections or break in wire between starter and fuse link.	
3. Right post of fuse link junction block.	Battery voltage.	Check for loose or corroded terminal or replace fuse link.	
4. Top terminal of 30- amp fuse F6.	Battery voltage.	Check for corroded connections or break in splice or wire between fuse F6 and fuse link.	
5. Bottom terminal of 30-amp fuse F5.	Battery voltage.	Check for failed fuse F5. If fuse is good, check for corroded or loose terminals.	
6. BAT terminal of key switch.	Battery voltage.	Check for corroded connections or break in wire between fuse block and key switch.	
7. IGN terminal of key switch.	Battery voltage.	Check that key switch is in the run position. If key switch is in run, switch is bad. Replace.	
8. Terminal 86 of ignition relay.	Battery voltage.	Check for corroded connections or break in splice or wire between key switch and ignition relay.	
9. Bottom terminal of 30-amp fuse F6.	Battery voltage.	Check for failed fuse F6. If fuse is good, check for corroded or loose terminals.	
10. Terminal 85 of ignition relay.	Less than 0.2 volt.	Check for continuity to ground of black wires Nos. 050A and 050G. If black wires are good to ground, test ignition relay.	
11. Terminal 30 of ignition relay.	Battery voltage.	Check for corroded connections or break in wire between ignition relay and fuse block.	
12. Terminal 87 of ignition relay.	Battery voltage.	Check for corroded or loose terminals. Test ignition relay.	
13. Terminal 2 of turn signal controller.	Battery voltage.	Check for corroded connections or break in splice or wire between fuse block and turn signal controller.	

CONDITIONS:

Turn signal controller moved to left turn position.

-: Test Points—Left Turn Signal (with Cab)

Test Location	Normal	If Not Normal
14. Terminal 3 of turn signal connector.	Battery voltage (pulsing).	Replace turn signal controller.
15. Terminal D of female terminal side of instrument panel connector.		Check for corroded connections or break in splice or wire between turn signal controller and instrument panel connector.