The following errors appear in Chart 1 and Chart 3 of Turn Signal Troubleshooting as printed in some 1997 Service Manuals:

**NOTE**

*See Tables at right for chart location.*

- Chart 1 of Turn Signal Troubleshooting has an incomplete box. The lower right hand box which reads “See Chart 2” should read “See Chart 2 of Speedometer Troubleshooting”.

- Diagnostic Note 1 in Chart 1 of Turn Signal Troubleshooting should be deleted from the XL and Dyna Glide manuals (but remain in the Softail).

- On Chart 3 of Turn Signal Troubleshooting three boxes are missing.

The following pages show the correct troubleshooting charts. Changes are shown within the dashed lines. Please note these revisions in your manuals.

### Chart 1 Turn Signal Troubleshooting

<table>
<thead>
<tr>
<th>Model</th>
<th>Manual Part No.</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>XLH (Sportster)</td>
<td>99484-97</td>
<td>7-61</td>
</tr>
<tr>
<td>Softail</td>
<td>99482-97</td>
<td>8-41</td>
</tr>
<tr>
<td></td>
<td>99482-97A</td>
<td></td>
</tr>
<tr>
<td>Dyna Glide</td>
<td>99481-97</td>
<td>8-41</td>
</tr>
</tbody>
</table>

### Chart 3 Turn Signal Troubleshooting

<table>
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<tr>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Dyna Glide</td>
<td>99481-97</td>
<td>8-43</td>
</tr>
</tbody>
</table>
**Turn Signal Troubleshooting**

**Chart 1: Turn Signals Will Not Cancel.**

- **Flash Will Not Cancel.**
  - Check for Voltage on W/GN Wire in Connector [30B] While Connected. Meter Should Alternate Between 6-12 VDC (From Turn Signal Module) and 0-1 VDC When Rear Wheel is Rotated. Does It?
    - **YES**
      - No Voltage.
      - Replace Turn Signal Module. TS-1-a
    - **NO**
        - **YES**
          - Repair Short to Ground on W/GN Wire. TS-1-b
        - **NO**
          - Replace Turn Signal Module. TS-1-a

- **No Fluctuation.**
  - Check Continuity Between W/GN Speedometer Harness Wire on Stud at Back of Speedometer and W/GN Wire in Turn Signal Module Connector [30]. Continuity Present?
    - **YES**
      - Speedometer Functional?
        - **YES**
          - Replace Turn Signal Module. TS-1-a
        - **NO**
          - Repair Open in W/GN Wire. TS-1-c
      - **NO**
        - Replace Speedometer. TS-1-d

**DIAGNOSTIC NOTES**

The reference numbers below correlate with those on the diagnostic flow chart.

**Softail Only:** Remove instrument panel. See Ignition Light Switch, Removal, Steps 1-3.

TS numbers refer to the proper Job Time Code.
Turn Signal Troubleshooting

Chart 3: Turn Signals Will Not Flash, 4-Way Flashers Inoperable.

- Inspect Bulbs on Side That Will Not Flash. Bulbs Failed?
  - YES
    - Replace Bulbs as Necessary.
  - NO
    - Check for 12 VDC at Pin 7 with the Right Turn Switch Button Depressed. Is 12 VDC present?
      - YES
        - Place Jumper Wire Between Pins 2 and 3. Do the Right Turn Signal Lamps (Front and Rear) Illuminate?
      - NO
        - Check Continuity Between Pin 3 and Lamps. Continuity Present?
          - YES
            - Repair Open Ground Circuit.
          - NO
            - Repair Open Between Lamps and Turn Signal Module Connector [30].

- Check Continuity on W/V Wire to Ground. Continuity Present?
  - YES
    - Is 12 VDC Present at W/V Wire in Connector [24] with Left Turn Switch Button Depressed?
      - YES
        - Repair Open Between Connector [24] and Turn Signal Module.
      - NO
        - Repair Short to Ground.

- Is 12 VDC Present at W/B/N Wire at Pin 1. Is 12 VDC Present at Both Terminals?
  - YES
    - Check Resistance To Ground on Pin 1. Is Resistance Less than 1 Ohm?
      - YES
        - Repair Poor Ground.
      - NO
        - Repair Open Between Connector [24] and Circuit Breaker Block.
  - NO
    - Check for 12 VDC at Both Terminals of 15 Amp Accessory Circuit Breaker. Is 12 VDC Present at Both Terminals?
      - YES
        - Repair Open in O/W Wire Between Accessory Circuit Breaker Terminal and Turn Signal Module.
      - NO
        - Repair Open Between Ignition Switch and Circuit Breaker Block.

- Check for 12 VDC With Red Meter Lead at Pin 2 and Place Black Meter Lead at Pin 1. Is 12 VDC Present?
  - YES
    - Check for 12 VDC at W/B/N Wire in Connector [22] With Right Turn Switch Button Depressed?
      - YES
        - Replace Turn Signal Switch.
      - NO
        - Is 12 VDC Present at O/W Wire in Connector [22]?
          - YES
            - Repair Short to Ground.
          - NO
            - Replace Turn Signal Switch.

- Is 12 VDC Present at Pin 8 with the Left Turn Switch Button Depressed. Is 12 VDC present?
  - YES
    - Place Jumper Wire Between Pins 2 and 4. Do the Left Turn Signal Lamps (Front and Rear) Illuminate?
  - NO
    - Check Continuity on W/V Wire to Ground. Continuity Present?
      - YES
        - Repair Open Between Connector [24] and Turn Signal Module.
      - NO
        - Repair Open Between Lamps and Turn Signal Module Connector [30].

- Check Continuity Between Pin 4 and Lamps. Continuity Present?
  - YES
    - Repair Open Ground Circuit.
  - NO
    - Repair Open Between Lamps and Turn Signal Module Connector [30].

TS numbers refer to the proper Job Time Code.