Circuit/System Testing

1. Ignition OFF, disconnect the harness connector X3 at the PSCM.
2. Ignition OFF, test for 2-20 ohms between the signal circuit terminal 4 and the signal circuit terminal 2.
    - If not within the specified range, test the signal circuits for a short to ground or an open/high resistance. If circuits test normal, replace the steering column.
3. Ignition OFF, test for 100-500 ohms between the signal circuit terminal 8 and the signal circuit terminal 1.
    - If not within the specified range, test the signal circuits for a short to ground or an open/high resistance. If circuits test normal, replace the steering column.
4. Ignition OFF, test for 300-1000 ohms between the signal circuit terminal 7 and the signal circuit terminal 1.
    - If not within the specified range, test the signal circuits for a short to ground or an open/high resistance. If circuits test normal, replace the steering column.
5. Ignition OFF, test for 50-200 ohms between the signal circuit terminal 6 and the signal circuit terminal 1.
    - If not within the specified range, test the signal circuits for a short to ground or an open/high resistance. If circuits test normal, replace the steering column.
6. Ignition OFF, test for 200-800 ohms between the signal circuit terminal 5 and the signal circuit terminal 1.
    - If not within the specified range, test the signal circuits for a short to ground or an open/high resistance. If circuits test normal, replace the steering column.
7. Ignition OFF, test for greater than 1.0 Mohms between the signal circuit terminal 2 and the signal circuit terminal 1.
    - If less than the specified range, test the signal circuits for a short to ground or an open/high resistance. If circuits test normal, replace the steering column.
8. Ignition OFF, test for greater than 1.0 Mohms of resistance between the signal

circuit terminal 1 and ground.

- If less than the specified range, test the signal circuit for a short to ground. If circuits test normal, replace the steering column.

9. Ignition OFF, test for greater than 1.0 Mohms between the signal circuit terminal 2 and ground.
   - If less than the specified range, test the signal circuit for a short to ground. If circuits test normal, replace the steering column.
10. If all circuits test normal, replace the PSCM.

