



SPARTAN CHASSIS, INC.

CSB05-390-001

February, 2005

Page 1 of 2

CAMPAIGN SERVICE BULLETIN

CAMPAIGN EXPIRATION DATE: MARCH 31, 2006

SUBJECT: Steering Wheel Circuit Board Replacement

APPLIES TO: Spartan Chassis K2 Models, with a Vehicle Date of Manufacture (VDM) Between 07-13-2004 and 1-18-2005, Equipped with Driver Memory Options.

CONDITION: There is potential for radio frequency interference with certain 2-way radios and the memory function controller, where activation of the memory options could occur without knowledge or input from the operator.

PART / SERVICE INFORMATION:

Labor Time: 1.0 Hr.

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	S-1656-001	Kit- Steering Wheel Circuit Board

Kit #S-1656-001 Contains:

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	WC102M-W/O	Board- Strg Whl Circuit
1	CSB05-390-001	Document Instructions

**PLEASE READ THE ENTIRE BULLETIN BEFORE
PROCEEDING WITH ANY WORK.**

Technical Service Bulletins are intended for use by Professional Technicians only. They are written to guide Professional Technicians in performing service to vehicles of product specific nature in conjunction with industry standards. Professional Technicians are appropriately trained on industry standards and have the tools and equipment to perform procedures safely and properly.



CAMPAIGN SERVICE BULLETIN

CAMPAIGN EXPIRATION DATE: MARCH 31, 2006

STEP-BY-STEP INSTRUCTIONS:

1. Observe all industry safety standards and secure vehicle for controller rework and circuit board replacement.
2. Refer to FIG. 2-1. Remove center pad of steering wheel by loosening retaining cap screws.
3. Disconnect clock spring.
4. Remove eight small phillips head screws (from the underside of the wheel) from the touch pads, and two screws from the bottom side of steering wheel, allowing removal of the housing assembly from the wheel. Retain hardware for reinstallation.
5. Remove the circuit board from the housing by disconnecting the touch pads, the two single spade terminals, and the three front switches. Remove the circuit board from the housing by firmly pulling straight up.
6. Install new circuit board into slots in the housing and make the connections at the touch pads, the spade terminals, and the three front switches.
7. Install the housing assembly onto the steering wheel aligning the circuit board with the slots in the wheel.
8. Start the two center screws and tighten evenly being sure not to pinch wires.
9. Start the eight switch pad screws and tighten evenly being sure not to pinch wires.
10. Reconnect the clock spring.
11. Install the center pad.
12. Test all switch functions.



**FIG. 2-1
CIRCUIT BOARD SHOWN
REMOVED FROM HOUSING**