



SPARTAN CHASSIS, INC.

CSB04-390-001

October, 2004

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CAMPAIGN SERVICE BULLETIN

CAMPAIGN EXPIRATION DATE: NOVEMBER 30, 2005

SUBJECT: Replace Speedometer Gauge and Calibrate Transmission Control Unit (TCU)

APPLIES TO: Spartan Chassis Models, with a Vehicle Date of Manufacture (VDM) Between 03-01-2004 and 8-31-04, Equipped with an Allison Transmission and Ametek Dixon Gauges.

CONDITION: The transmission indicator lamp is inoperative and the speedometer gauge and TCU require upgrades.

PART / SERVICE INFORMATION:

TRANSMISSION UPDATE MUST BE PERFORMED BY AN AUTHORIZED ALLISON SERVICE FACILITY. CHARGE IS BASED ON PREDETERMINED STANDARD RATE.

GAUGE REPLACEMENT

Labor Hours: 1.0 Hr.

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	S-1632-001	Kit- Speedo Gauge Replace
1	S-1632-002	Kit- Speedo Gauge Replace

Kit #S-1632-001 Contains:

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	00041194-824146	Gauge- Speedo
1	CSB04-390-001	Document Instructions

Kit #S-1632-002 Contains:

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	00041194-824147	Gauge- Speedo
1	CSB04-390-001	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.



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STEP-BY-STEP INSTRUCTIONS:

1. Observe all industry safety standards and secure vehicle for speedometer replacement and electronic updating of the TCU.

REPLACE SPEEDOMETER

An accurate record of the mileage must be recorded for inclusion on the speedometer affidavit.

2. Remove gauge panel from dash area.
3. Unplug the two (2) green connectors and the one (1) or two (2) smaller black connectors.
4. Remove the U-clamp from the back of the speedometer and push the speedometer out of the gauge panel. Retain speedometer for return to Spartan Chassis, Inc.

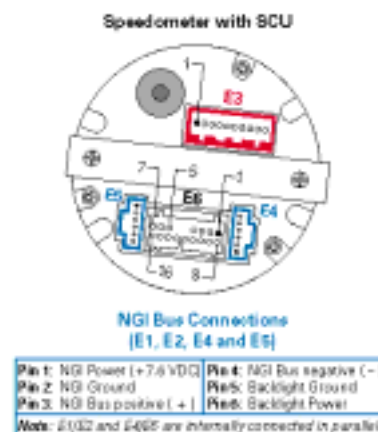


FIG. 2-2a

5. Install new speedometer into the gauge panel and attach U-clamp.
6. Refer to FIG. 2-2a. Make connections to new speedometer:
The black connectors may be used with either black connector on the speedometer.
The green connectors may only be plugged into a specific connector.
7. Reassemble gauge panel.
8. Test all gauges to ensure they are working properly.
9. Return speedometer to Spartan Chassis, Inc. per the instructions on the Returned Material Authorization (RMA) tag.

RECALIBRATE TCU

10. Check TCU and recalibrate with the correct update from the chart in FIG. 2-2b.

Current ECU PN	NEW ECU PN
ECB00APF	ECB00JJ9
ECB00BDX	ECB00JJA
ECB00FYX	ECB00JJB
ECB00G6N	ECB00JJF
ECB00HJ8	ECB00JQ7
ECB00AQ9	ECB00JJD
ECB00BDW	ECB00JJE

FIG. 2-2b

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