



SPARTAN CHASSIS, INC.

05V-283

NHTSA # 05V-283

RSB05-160-001

July, 2005

Page 1 of 3

RECALL SERVICE BULLETIN

SUBJECT: Steering - Intermediate Shaft

APPLIES TO: Spartan Chassis K2 Models with a VDM (Vehicle Date of Manufacture) Between October 19, 2003 and September 3, 2004, Equipped with Intermediate Shaft Part # 1361-KK1-554, Manufactured by ZF.

CONDITION: Driver May Experience a Loss of Steering Control

CAUSE: Failure of Press Fit Connection at Intermediate Shaft /Fork

CORRECTION: Replace Intermediate Shaft

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

PART / SERVICE INFORMATION:

Labor Time: 1.0 Hr.

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	S-1710-001	Kit- ZF Inter Shaft, 554 mm

Kit #S-1710-001 Contains:

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
2	M10150050FH7B	Bolt- M10-1.50 X 50mm LG FLG HEX GR7 BLK
2	M10150FLN	Nut- M10-1.50 FLG LK
1	1361-KK1-554	Shaft- Steering Intermediate
1	RSB05-160-001	Document- Instructions

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.



SPARTAN CHASSIS, INC.

NHTSA # 05V-283

RSB05-160-001

July, 2005

Page 2 of 3

RECALL SERVICE BULLETIN

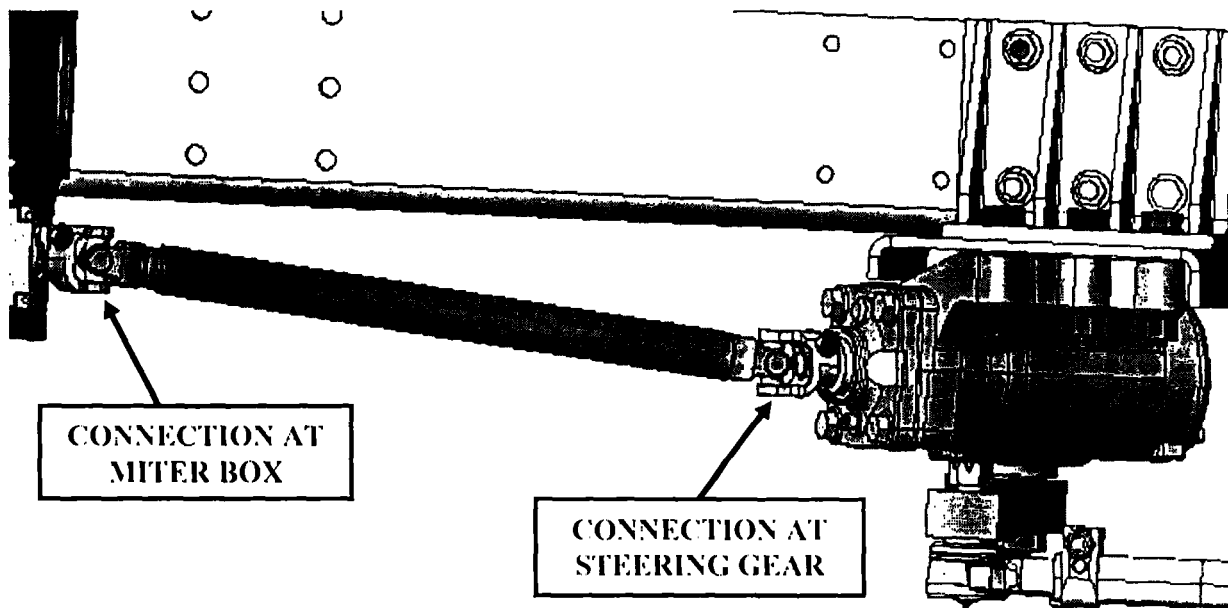
STEP-BY-STEP INSTRUCTIONS:

1. Observe all industry safety standards and secure vehicle to allow for replacement of the steering intermediate shaft.

NOTE: When parking the coach, be sure to have the front wheels directed straight forward.

2. Refer to FIG. 2-1. Locate and remove the steering intermediate shaft by disconnecting the shaft from the steering gear and the miter box. Properly destroy shaft and dispose of fasteners and shaft.

NOTE: Destroy intermediate shaft by sawing in half.



INTERMEDIATE SHAFT CONNECTIONS

FIG 2-1

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.



SPARTAN CHASSIS, INC.

NHTSA # 05V-283

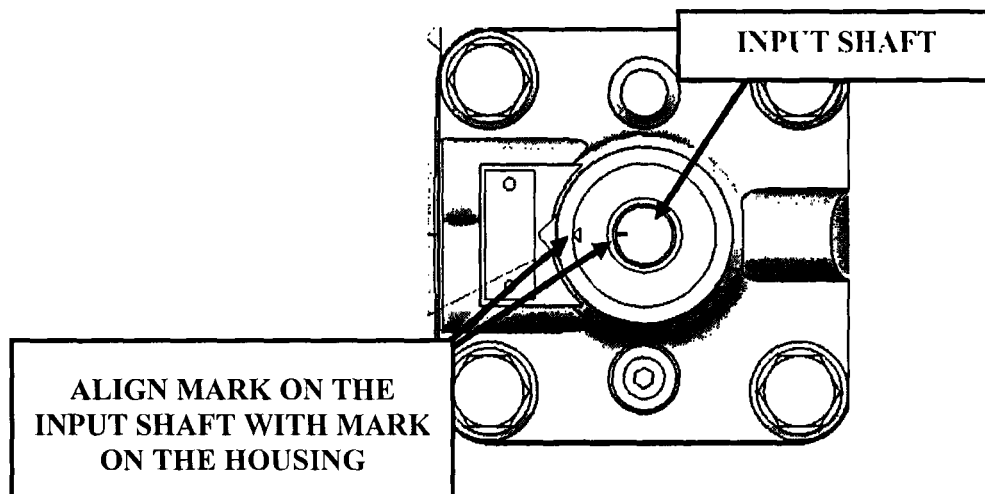
RSB05-160-001

July, 2005

Page 3 of 3

RECALL SERVICE BULLETIN

3. Ensure wheels are directed straightforward.
 - 3a. Refer to FIG. 3-1. Check alignment of the input shaft on the steering gear. The indexing mark on the input shaft should align with the index mark on the gear housing. Align as necessary.



TOP VIEW OF STEERING GEAR INPUT SHAFT

FIG 3-1

4. Install new intermediate shaft and fasteners. Torque to 47 +/- 7 LB. FT.

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.