



SPARTAN CHASSIS, INC.

TSB04-130-003

November, 2004

Page 1 of 2

TECHNICAL SERVICE BULLETIN

SUBJECT: IFS1460

APPLIES TO: Spartan MM and K2 Chassis Models Equipped with an IFS1460 Front Suspension System

CONDITION: Front Suspension Bottoming Out

CORRECTION: Install alternative suspension components.

SPECIAL INSTRUCTIONS:

Before beginning the "STEP-BY-STEP INSTRUCTIONS" the front of the coach must be weighed to determine the current loaded weight.

If the loaded front axle weight is between 13.2K and 14.6K, install service kit #S-1640-001.

If the loaded front axle weight is less than 13.2K, install service kit #S-1640-002.

PART / SERVICE INFORMATION:

Labor Time: 2.0 Hrs. for installation of Kit #S-1640-001

Labor Time: 3.0 Hrs. for installation of Kit #S-1640-002

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	S-1640-001	Kit- IFS1460 13.2K – 14.6K
1	S-1640-002	Kit- IFS1460 less than 13.2K

Kit #S-1640-001 Contains:

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
2	704691-01	Air Spring
1	TSB04-130-003	Document Instructions

Kit #S-1640-002 Contains:

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
2	700972-03	Shock
2	704691-01	Air Spring
1	TSB04-130-003	Document Instructions

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Page 2 of 2

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

STEP-BY-STEP INSTRUCTIONS:

1. Observe all industry safety standards and secure vehicle for replacement of the front air springs.
2. Refer to the most recent version of the Reyco Granning IFS1460/1660 INDEPENDENT FRONT SUSPENSION SERVICE MANUAL; currently D702066 Rev. K 07/04.
 - 2a. Disconnect the front HCVs (Height Control Valves) to deflate air springs, per the Reyco Granning Service Manual.
 - 2b. Lift front of vehicle and position safety stands under the suspension subframe or chassis frame, and lower vehicle to rest on stands.
- Note: DO NOT place safety stands under the lower control arms to support the vehicle.**
3. For replacement of the air springs, refer to the appropriate section in the Reyco Granning Service Manual.
4. For replacement of the shock absorbers, refer to the appropriate section in the Reyco Granning Service Manual.
5. When repairs are completed, reconnect the height control valves per the Reyco Granning Service Manual.
6. Lower vehicle.
7. Check for any air leaks
8. Set front ride height to 9.00"; check and adjust if necessary, the rear ride height to 8.25".

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