



**DATE:** 6-13-18

**APPLIES TO:** This service bulletin applies to model year 2017-2019, Incomplete Transit Bus Chassis cabs, K2, K3 and K4 model motor home chassis equipped with an air leveling system supplied by Hadley and built between April 1, 2017 and December 1, 2017.

**CONDITION:** Manifold pole pieces are not being retained in the solenoid c-bracket.

**CORRECTION:** Replace the air manifold.

**LABOR ALLOCATION:** 2 hrs. for Incomplete Transit bus chassis cabs. 1hr. for motor home chassis model.

**CLASSIFICATION:** V3

**PARTS NEEDED:**

**Kit # S-2630-001 Contains:**

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	H00720-1A-F	Hadley manifold
1	CSB18-330-003	Service Bulletin – English
1	CSB18-330-004	Service Bulletin – French

**Kit # S-2630-002 Contains:**

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	H00720-4A-F	Hadley manifold
1	CSB18-330-003	Service Bulletin – English
1	CSB18-330-004	Service Bulletin – French

**Kit # S-2630-003 Contains:**

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	H00720-5A-F	Hadley manifold
1	CSB18-330-003	Service Bulletin – English
1	CSB18-330-004	Service Bulletin – French

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**Kit # S-2630-004 Contains:**

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	H00720-3A-F	Hadley manifold
1	CSB18-330-003	Service Bulletin – English
1	CSB18-330-004	Service Bulletin – French

**Kit # S-2630-005 Contains:**

<u>QTY</u>	<u>Part Number</u>	<u>Description</u>
1	H00720-2A-F	Hadley manifold
1	CSB18-330-003	Service Bulletin – English
1	CSB18-330-004	Service Bulletin – French

**GENERAL INSTRUCTIONS:**

Thoroughly review entire service bulletin before starting work. If there are questions or concerns with steps defined in this service bulletin, contact Spartan Motors USA, Inc. Customer & Product Support Group.

All applicable industry safety standards must be followed when performing work identified in this procedure.

**STEP-BY-STEP INSTRUCTIONS:**

**Hadley Assembly Removal:**

1. Set park brake and chock wheels.
2. Drain air tanks of air until empty.
3. Disconnect air lines from Hadley assembly.

**NOTE: Label air lines prior to removing from manifold to ensure proper reassembly**

4. Disconnect electrical connectors from Hadley assembly
5. Unbolt Hadley assembly from frame rail

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6. Set Hadley assembly on bench for removal of manifold

Hadley Manifold Removal and Installation:

1. Remove Hadley manifold from Hadley assembly
2. Install new Hadley manifold to Hadley assembly

Hadley Assembly Installation:

1. Install Hadley assembly back to its original location
2. Trim .25" off each airline removed from manifold to ensure proper seating into push-to-connect fittings.

**NOTE:** It is important the airlines are cut straight by using an appropriate cutter designed for application

3. Re-install air lines to Hadley assembly
4. Re-connect electrical connectors to Hadley assembly
5. Start engine and allow primary and secondary air systems to fill
6. Check for air leaks with soapy water at the Hadley manifold hose connections, correct any leaks if necessary.
7. Operate all Hadley functions to verify repairs

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