Spartan Fire, LLC

Technical Service Bulletin
TSB21-250-003A

DATE: 2/18/2022

APPLIES TO: This service bulletin applies to Model Year 2011 through 2022 Gladiator and Metro Star emergency response chassis cabs built between January 12, 2011 and February 11, 2022.

CONDITION: Front IFS height control valves may fail

CORRECTION: Replace with new height control valves

LABOR ALLOCATION: 2 hrs.

CLASSIFICATION: T3

PARTS NEEDED:

QTY	Part Number	Description
1	K715744	Height Control Valve Kit

Reference: Kit # S-3762-001

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 Fire, LLC. Customer & Product Support Group.

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

Reyco Granning SUSPENSIONS

Service Bulletin

Service Bulletin HCV
Date: 04/21/2021
REV: A

Subject: Installation of upgraded High Temperature Height Control Valves (HCV) for IFS FT
Applies to: IFS for Fire Truck
Vocation: Fire Truck

Please Read the Entire Bulletin and Reference Manuals D710023 before Proceeding with Any Work. Follow industry standards regarding safety equipment and procedures. Refer any questions to Reyco Granning Field Service/Warranty department via 417-466-1044. (Mark Bachman)

This procedure should be done when upgrading the HCV to the High Temperature variant

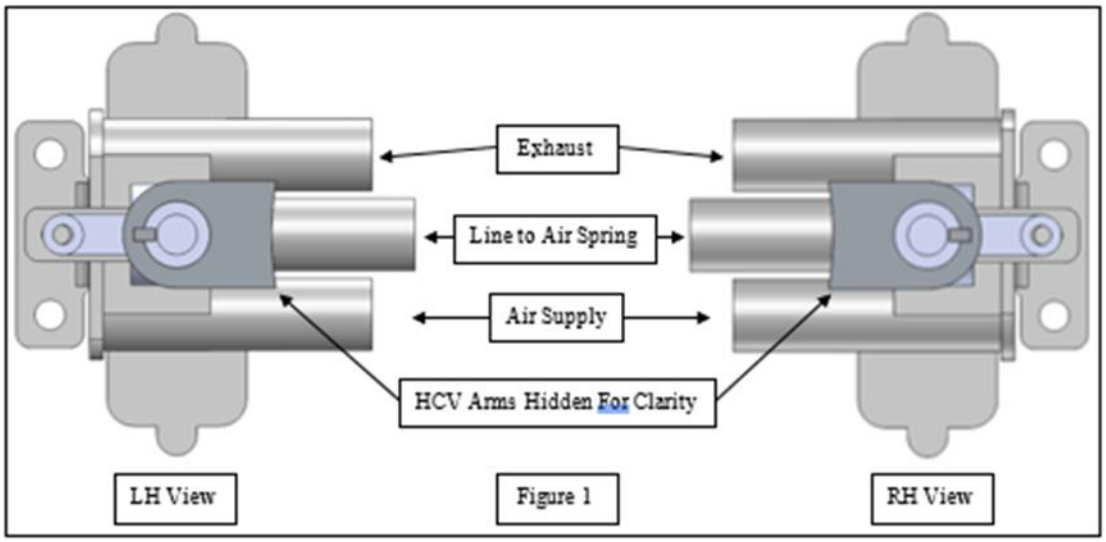
Perform the below instructions.

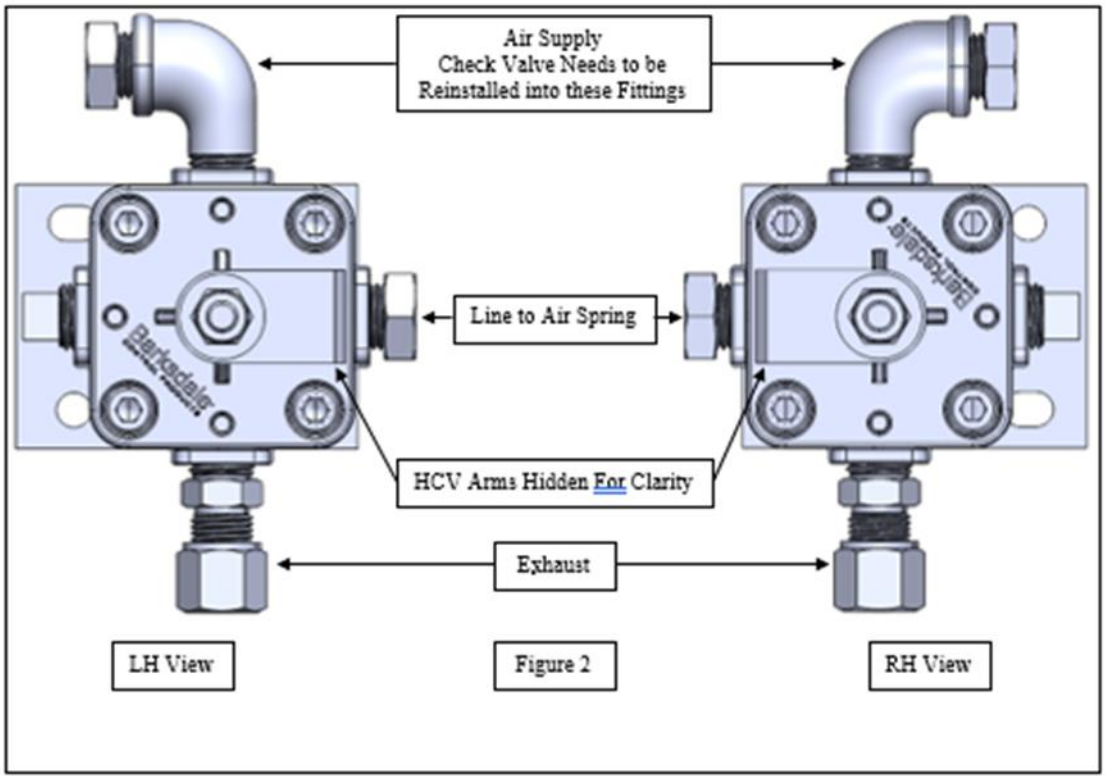
Kit for upgrade is K715744. See D715745 included in the kit for reference with this TSB

- Remove current HCV's reference Figure 1
  - Disconnect air lines
    - Label each airline per Figure 1
    - Ensure to retain the check valve on the air supply line
  - Remove linkage off of HCV arm
    - One 1/4 – 28 nut per side
  - Remove HCV from Cradle
    - Two 1/4 – 20 fastener, nut, and washer per side
- Install High Heat HCV's following Figure 2
  - Attach HCV's from kit K715744 to Cradle
    - Reuse two 1/4 – 20 fastener, nut, and washer from previous mounting provision per side
  - Attach linkage to HCV's
    - Reuse one 1/4 – 28 nut per side
  - Connect air lines per Figure 2
    - Ensure to retain the check valve on the supply line to the HCV's
- Set ride height per D710023 for both sides
  - Additional adjustment available on High Heat HCV bracket that connect to cradle via slot in the bracket

Reyco Granning SUSPENSIONS

Service Bulletin





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

Reyco Granning SUSPENSIONS

Service Bulletin

WARNING Use jack stands or other safety devices to properly support vehicle

Failure to safely support the vehicle and follow the procedures in this bulletin can lead to property damage and/or personal injury.