



Countries: AUSTRALIA, BAHAMAS, BOLIVIA, BELIZE, CANADA, CHILE, COLOMBIA, COSTA RICA, DOMINICAN REPUBLIC, ECUADOR, EL SALVADOR, TRINIDAD AND TOBAGO, UNITED STATES, URUGUAY, VENEZUELA, MEXICO, ARUBA, NICARAGUA, PERU, PUERTO RICO, Curaçao, GUATEMALA, GUYANA, HAITI, HONDURAS, JAMAICA, PANAMA

Document ID: IK0300068

Availability: FleetSIS, NotSIR

Revision: 0

Major System: SPRINGS AND SUSPENSION

Created: 3/29/2018

Current Language: English

Last Modified: 4/18/2018

Other Languages: NONE

Author: Gintarus Andriusis

Viewed: 62

[Less Info](#)

Hide Details

Coding Information

Copy Link 	Copy Relative Link 	Bookmark View My Bookmarks	Add to Favorites 	Print 	Provide Feedback 	Helpful 1	Not Helpful 0
----------------------	-------------------------------	--	-----------------------------	------------------	-----------------------------	-------------------------	-----------------------------

Title: Hadley Smart Valve Troubleshooting Guide

Applies To: ProStar, LT

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

04/18/2018 - Initial Article Release

DESCRIPTION

This document will guide the user through Hadley ride height Smart Valve Operation and Troubleshooting.

SYMPTOM(s)

Diagnostic Trouble Code(s) & Dashboard Indicator Light(s):

DTC/Light	Description
Not Applicable	Not Applicable

Customer Observations or Concerns:

SmartValve Status LED Operation

The SMARTVALVE STATUS indicator contains both red and green LEDs.

The red LED flashes quickly if power or communication is lost to the valve.

The green LED indicates the mode and errors detected during operation. A repeating pattern indicates a system mode or condition. A series of blinks arranged in pairs of groups are used to indicate system faults. This section summarizes these codes.

SPECIAL TOOL(s) / SOFTWARE

Tool Description	Tool Number	Comments	Instructions
SmartValve Setup Tool Software		Acquired Through Hadley. Refer to Figure 1	Hadley Customer Service
SmartValve Diagnostic USB Cable		Acquired Through Hadley. Refer to Figure 1	Hadley Customer Service




Figure #1: SmartValve Setup Tool Software and Diagnostic USB Cable

SERVICE PARTS INFORMATION


Kit Description	Part Number	Quantity Required	Notes
Hadley SmartValve Kit		1	

	Acquired through Hadley. Contact Hadley Customer Service		Contact Hadley Customer Service for specific part number replacement


DIAGNOSTIC STEP(S)

 **WARNING:**

To prevent property damage, personal injury, and / or death, park vehicle on a hard, flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in either direction.

 **WARNING:**

To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

 **WARNING:**

To prevent property damage, personal injury, and / or death, if the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over.

Step	Action	Decision
1	<p>DIAGNOSTIC:</p> <p>Is the unit equipped with Hadley SmartValve for suspension height control?</p> <p>See Figure 2</p>	<p>Yes. Refer to Repair Steps for further information.</p> <p>No. Refer to published diagnostics manual for further information on standard height control valve.</p>

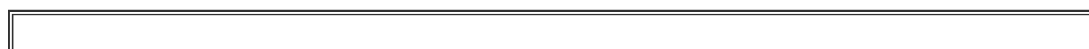




Figure #2: Hadley SmartValve

REPAIR STEP(s)

REPAIR AND DIAGNOSTIC PROCEDURE:

1. Refer to the [SmartValve Troubleshooting Guide](#)
2. If directed by previous step, refer to Manual [H00700PK](#)
3. Contact [Hadley Customer Service](#) if resolution is not found

WARRANTY INFORMATION

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

OTHER RESOURCES

[Master Service Information Site](#)

 Hide Details

Feedback Information

Viewed: 61
Helpful: 1
Not Helpful: 0

No Feedback Found