

# Authorized Field Change



**AFC 18904**

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**Date:** OCTOBER 2018

**Subject File:** REAR AXLE

**Subject:** International® Ride Optimized Suspension (IROS) Height Control Valve Lower Bracket

Model: International® 9900i, LT® Series, RH™ Series, ProStar® and TranStar® model trucks.

Start Date: 05 May 2015 End Date: 08 November 2017

## DESCRIPTION

The Height Control Valve (HCV) lower bracket may fail due to fatigue and result in incorrect ride height and possible driveline vibration.

## ELIGIBILITY


This procedure applies ONLY to vehicles marked in the International® Service Portal<sup>SM</sup> with AFC 18904. Check and complete any other open campaigns also at this time.


## PARTS INFORMATION


Table 1. **Parts Information**


Part Number	Description	Quantity
4122284C91	Lever, Air Spring Level	1


## SERVICE PROCEDURE

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

 **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.

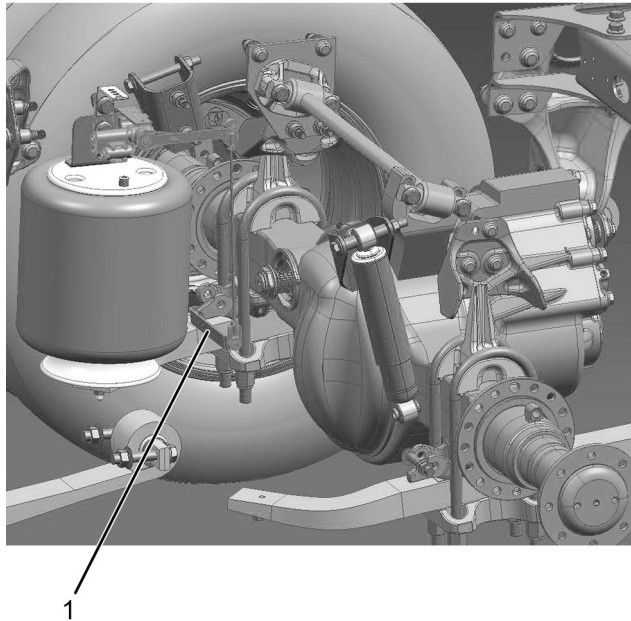
 **WARNING:** To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

 **WARNING:** To prevent property damage, personal injury, and / or death, keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases.

 **WARNING:** To prevent property damage, personal injury, and /or death, remove ground cable from negative terminal of main battery before disconnecting or connecting electrical components. Always connect ground cable last.

1. Park vehicle on flat surface.
2. Shift transmission to Park or Neutral and set parking brake.
3. Install wheel chocks.

## SERVICE PROCEDURE (CONT.)



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**Figure 1. Ride Height Control Valve**

1. HCV lower bracket

4. Locate and remove HCV lower bracket (Figure 1, Item 1) located on axle seat of left-side forward drive axle.

**NOTE: Install HCV lower bracket so that it wraps around the end of the axle seat and mates to the outboard face of the boss surrounding the bolt hole in order to prevent rotation of the HVC bracket.**

5. Install new bracket.

6. Using a torque wrench, tighten fastener securing bracket to axle to 13 lb-ft (18 N•m).

7. Using a torque wrench, tighten fastener securing rod to bracket to 13 lb-ft (18 N•m).

8. Check and adjust suspension ride height as necessary.

9. Remove wheel chocks.

### LABOR INFORMATION

Operation number must appear on all claims.

**Table 2. Labor Information**

Operation No.	Description	Time
A40-18904-1	Replace and Adjust Height Control Valve Lower Bracket	0.4 hr

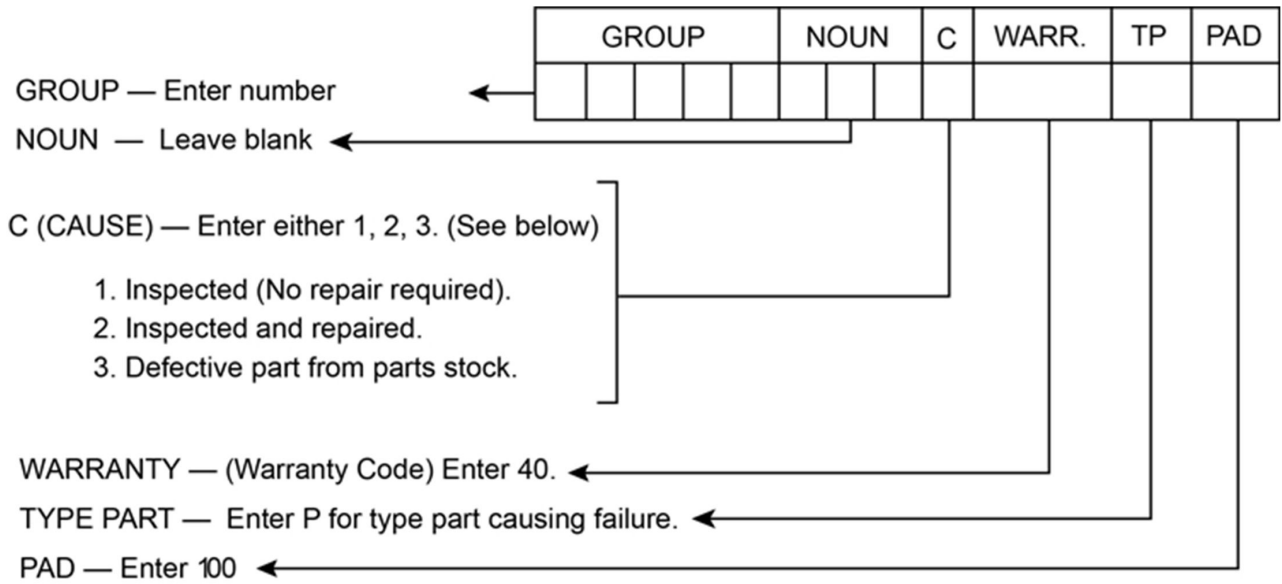
**ADMINISTRATIVE PROCEDURE**

Expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Authorized Field Change Number 18904.

Section 7 of the Warranty Policy and Procedures Manual contains further information related to the submission and processing of AFC / Recall claims.

As with all claim submissions, items acquired locally must be submitted in the “Other Charges” tab. The cost of any bulk items (such as a bag of cable tie straps, roll of wire, barrel of oil, or tube of silicone) should be prorated for the cost of the individual pieces / amount used during each repair.

To ensure this important improvement is made in a timely manner, all claims for 18904 activity must be submitted by 30 October 2019 or within the normal warranty period for the vehicle, if after 30 October 2019.



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