



Date	Group	No.	Release	Page
4.2017	<b>728</b>	<b>003</b>	<b>01</b>	1(9)

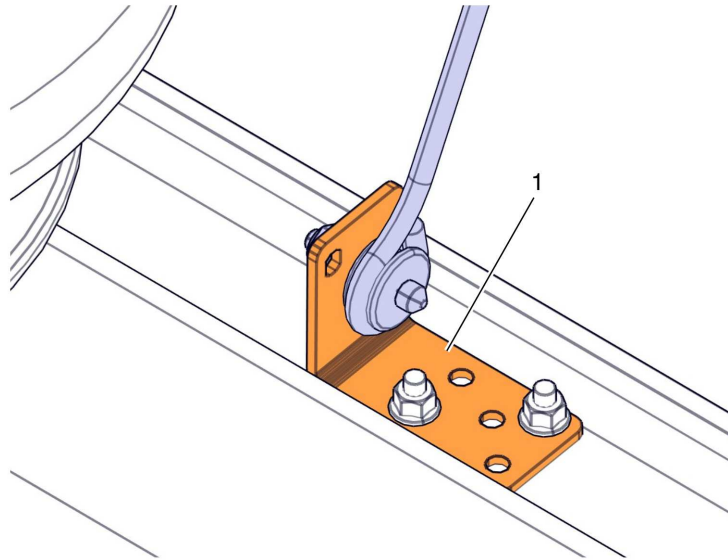
Height Control Arm Position, Adjustment  
CHU, CXU

## FSB 728-003, Height Control Arm Position, Adjustment

(April 2017)

Some MACK CXU612/CHU612 trucks built from October 4, 2010 to February 6, 2017 with single rear axle Hendrickson air suspension (RAD-A2H) and short tapered frame rail (RFL830, RF-TAP28/RF-TA28T) could have the level arm rise above the frame rail when suspension is lowered completely. To eliminate this problem the arm should be adjusted (rotated 180°) forward and the leveling rod should be moved to the front of the air spring support crossmember and reinstalled with bracket (part number 20839697) and existing hardware.

**Note:** This bulletin does not apply to MACK Trucks Australia.



W7121287

**Required Parts (Height Control Arm Position, Adjustment)**

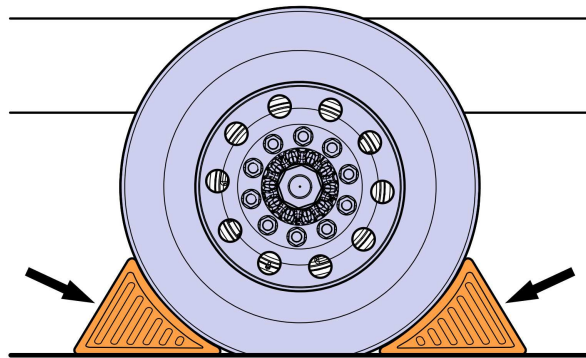
Item	Description	Part Number	Qty
1	Height Control Rod Bracket	20839697	1

## Decommissioning the Truck for Repair

You must read and understand the precautions and guidelines in Service Information, group 70, "General Safety Practices, Frame, Springs, Shocks & Wheels" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

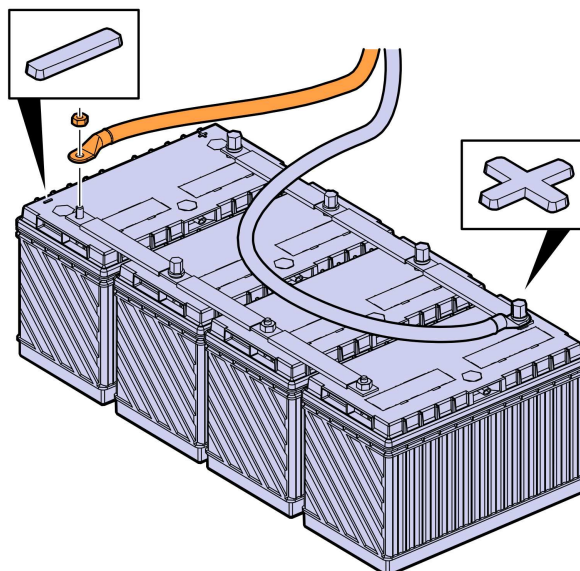
**NOTE:** Information is subject to change without notice. Illustrations are used for reference only and can differ slightly from the actual vehicle being serviced. However, key components addressed in this information are represented as accurately as possible.

- 1 Park the vehicle on a flat and level surface.
- 2 Apply the parking brake.
- 3 Place the transmission in neutral or park.
- 4 Install the wheel chocks.



W7086748

- 5 Disconnect the cable from the battery's negative terminal.

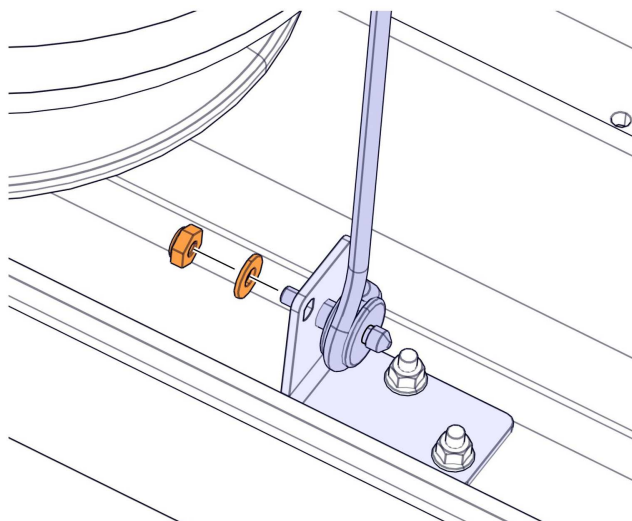


W3086747

## Height Control Arm Position Adjustment Procedure

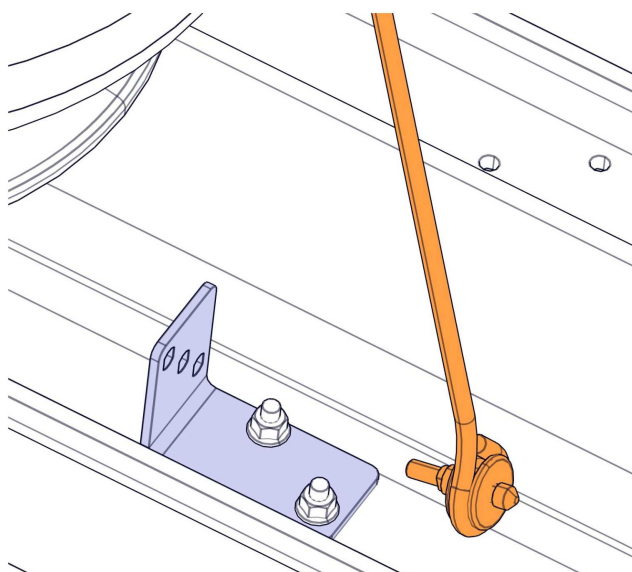
- 1 Using the dash mounted rear suspension air dump switch, release the air from the air springs.
- 2 Remove the fastener securing the leveling rod to the air spring support crossmember bracket.

**Note:** Store the fastener for reuse.



W7121288

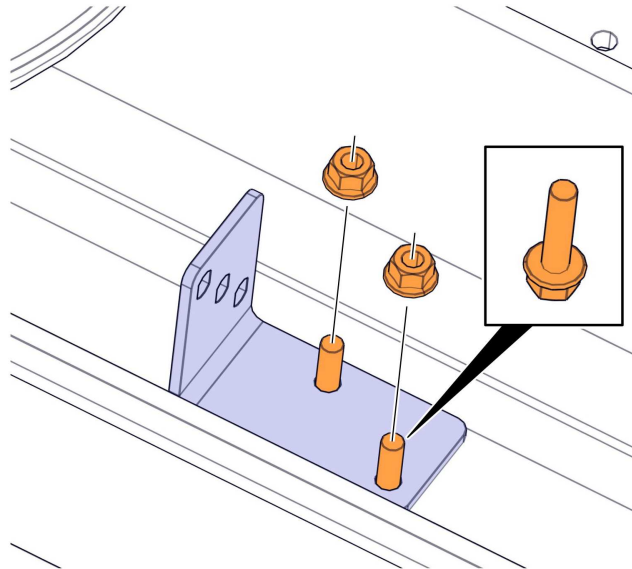
- 3 Position the level control rod away from the control rod bracket as shown.



W7121289

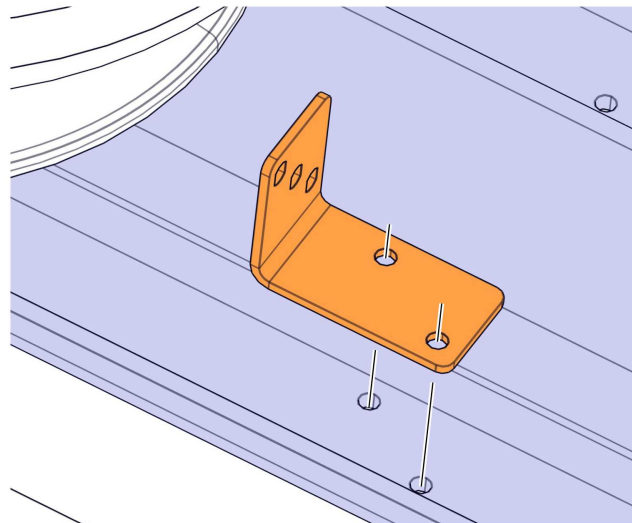
- 4 Remove the fasteners securing the control rod bracket to the air spring support crossmember bracket.

**Note:** Clean the fasteners of any debris and store them for reuse.



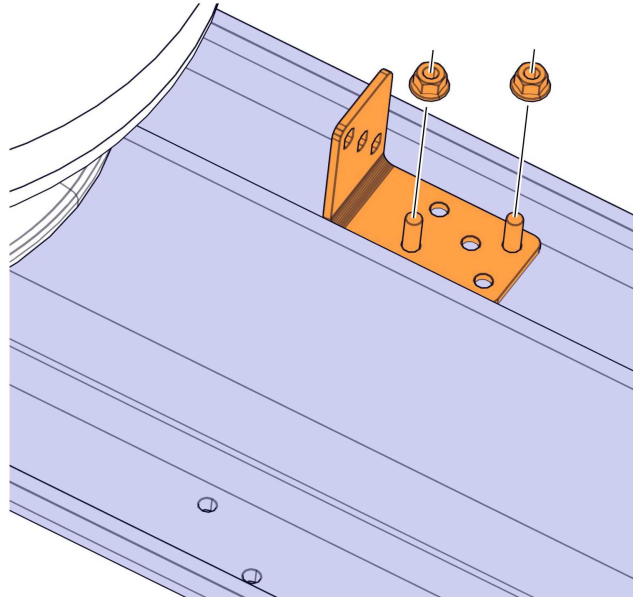
W7121290

- 5 remove the bracket from the air spring support crossmember.



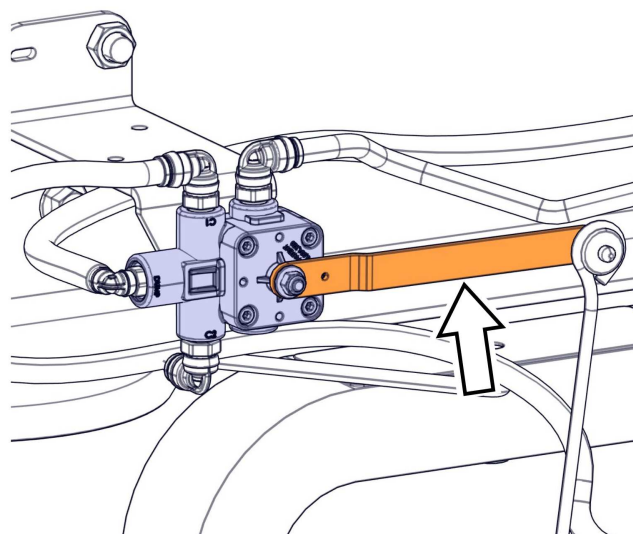
W7121291

- 6 Install bracket (part number 20839697) on the air spring support crossmember bracket using the previously stored fasteners.
- 7 Tighten the fasteners to  $24 \pm 4$  Nm ( $18 \pm 3$  ft-lb).



W7121292

- 8 With the leveling rod still attached, rotate the control arm 180 degrees. See the figure below for reference.

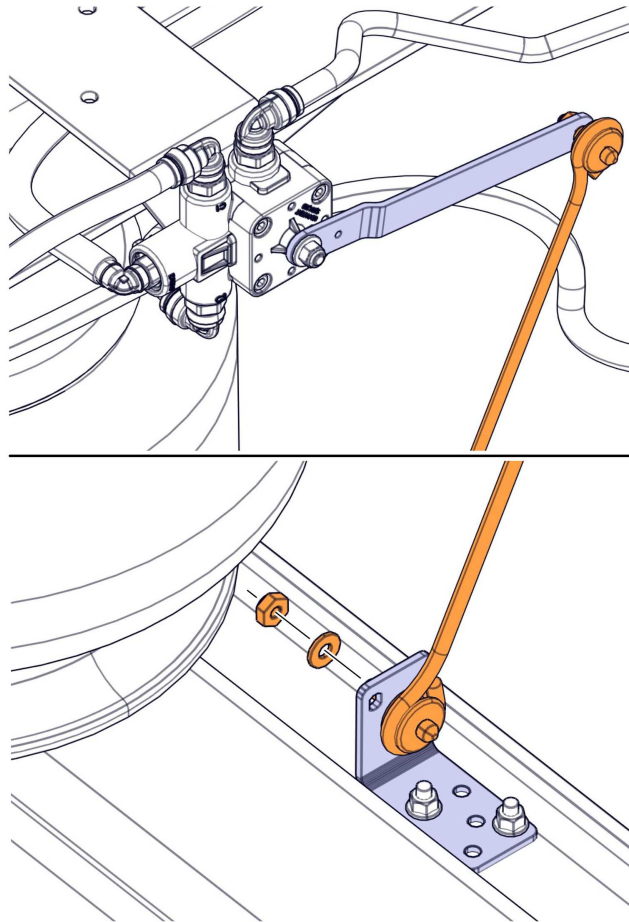


W7121294

- 9 Using the stored fastener, connect the level control rod to the air spring support crossmember bracket as shown in the figure below.

**Note:** Ensure the level control rod is installed in the middle hole of the air spring support crossmember bracket.

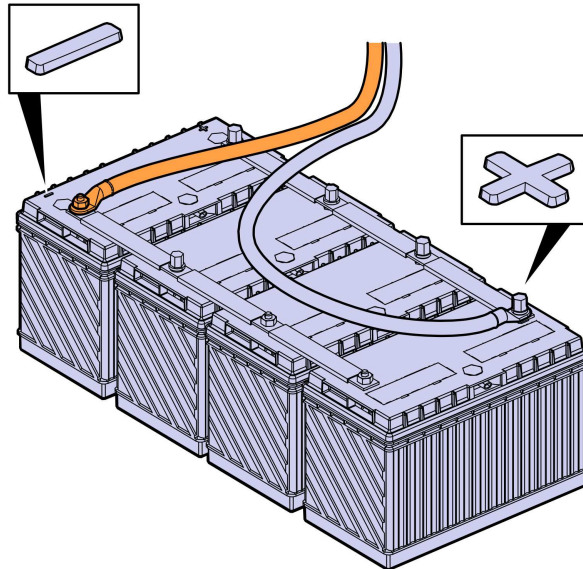
- 10 Tighten the fastener securing the level control rod to 2.8 Nm (25.0 in-lb).



W7121295

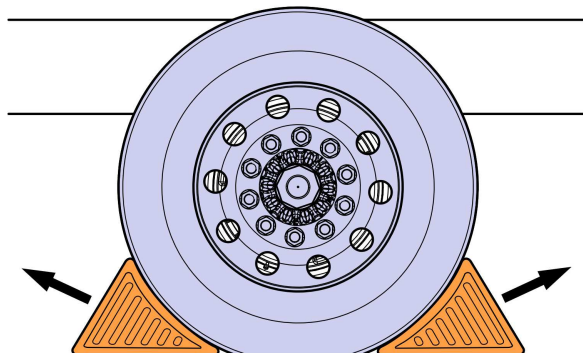
## Commissioning the Truck for Operation

- 1 Connect the battery cable to the negative (ground) terminal.



W3086758

- 2 Start the truck and build the air system up to normal operating pressure.
- 3 Remove the wheel chocks.



W7086759



**Reimbursement**

<b>This repair may be eligible for reimbursement if a product failure was experienced within time and mileage limits of the applicable Warranty coverage. Reimbursement is obtained via the normal claim handling process.</b>	<b>UCHP Reimbursement</b>
<b>Claim Type (used only when uploading from the Dealer Bus. Sys.)</b>	01
<b>Labor Code</b>	
Primary Labor Code (Height Control Arm Position, Adjustment)	7281-05-09-01 0.3 hrs.
<b>Causal Part</b>	22586327

MACK Trucks North America reserves the right to make any changes in design or to make additions to or upon its products without incurring any obligations to install the same on vehicles previously built.