

SERVICE ADVISORY # 07-095

Hideout/Energy Hanger and Shackle Bolt Torque

Models Included:

2008 Hideout and Energy Travel Trailers Manufactured in Pendleton, Oregon

Serial Number Range:

Hideout = 4YDT19F268N202117 - 4YDT23R208N202250

Energy = 4YDT260208N830002 - 4YDT230278N830013

Parts (if Required) per Unit:

7 – 121749 Shoulder Bolts 7 – 119667 Lock Nuts

Tools Required:

-Torque Wrench -Box End Wrench 13/16"
-Ratchet Wrench -Socket 13/16" -Wheel chocks

Keystone is conducting a voluntary RECALL notification campaign in accordance with the National Highway Transportation and Safety Act. The above 2008 Hideout and Energy Trailers may have been manufactured with the incorrect hanger & shackle bolt torque. The following procedure describes how to perform the repairs required.

GENERAL INFORMATION

- Stock units must be remedied before selling.

INSPECTION

- Step 1 Locate the trailer on a level flat hard surface. Chock the wheels.
- Step 2 Visually inspect and verify that lock nuts are attached to all hangers and shackles.



- Step 3 If all bolt and nut assemblies are present proceed to next page for torque instructions.
- Step 4 If any of the bolt and nut assemblies exhibit damage, order the required number of parts listed above.
- Step 5 Once the parts arrive, proceed to **HANGER / SHACKLE TORQUE INSTRUCTIONS w/ REPLACEMENT PARTS** on the next page.

HANGER / SHACKLE TORQUE INSTRUCTIONS w/ ALL PARTS PRESENT**ONE: PREPARING THE TRAILER**

Step 1 Locate the trailer on a level flat hard surface. Chock the wheels.

TWO: TORQUE INSTRUCTIONS

Step 1 Place the box end wrench on the bolt head and the torque wrench on the nut, Torque all hanger and shackle nuts to 30 – 50 ft.-lbs. Note – be sure shoulder portion of the bolt is installed correctly through the shackle links and spring hangers so the suspension parts can rotate freely.

HANGER / SHACKLE TORQUE INSTRUCTIONS w/ REPLACEMENT PARTS**ONE: PREPARING THE TRAILER**

Step 1 Locate the trailer on a level flat hard surface. Chock the wheels.

Step 2 Use a floor jack of sufficient capacity to raise one side of the trailer. Place the floor jack under the main frame rail behind the rear spring hanger, leaving enough room to install a jack stand immediately behind the spring hanger. Elevate the frame enough so that tire clears the shop floor approximately 2”.

Step 3 Install a jack stand of sufficient capacity directly behind the rear spring hanger.

Step 4 Relocate floor jack to an area just forward of the front spring hanger and follow steps 2 and 3.

TWO: BOLT REPLACEMENT AND TORQUE INSTRUCTIONS

Step 1 Support one of the axle tubes with a hydraulic jack.

Step 2 Remove the bolts if required attaching the springs to hangers or shackles.

Step 3 Attach the spring using new shoulder bolts and lock nuts. Placing the box end wrench on the bolt head and the torque wrench on the nut, Torque to 30 – 50 ft.-lbs. Note – be sure shoulder portion of the bolt is installed correctly through the shackle links and spring hangers so the suspension parts can rotate freely.

Step 4 For location(s) that bolts are not replaced verify that torque is 30 – 50 ft.-lbs

Step 5 Repeat steps 1 – 4 for each spring hanger and shackle assembly.

THREE: WARRANTY REIMBURSEMENT**For Inspection & Torque only (No parts were replaced)**

Submit the claim on Key Express or on a Keystone Warranty claim form with **Service Advisory # 07-095** and **Flat Rate Code # 7109542A** noted in the customer complaint section of the form. The amount of time authorized for inspection & torque is 0.5 hours.

For Shackle Bolt or Nut Replacement and Torque

Submit the claim on Key Express or on a Keystone Warranty claim form with **Service Advisory # 07-095** and **Flat Rate Code # 7109542B** noted in the customer complaint section of the form. The amount of time authorized for this repair is 1.0 hours.

FOUR: PART DISPOSITION

Please discard the bolts and nuts removed. Return to Keystone is not required.

If you have any questions please contact us through normal channels at:

Team Cougar (Indiana) 866-273-1454

The following units have been repaired prior to leaving the manufacturing facility.

Last Six Digits of VIN

202126	202154	202256
202129	202155	202257
202130	202156	202258
202131	202157	202259
202132	202240	202260
202133	202241	202261
202137	202242	202262
202138	202244	202263
202139	202245	830009
202142	202246	830010
202145	202247	830011
202146	202248	830012
202147	202249	830013
202148	202250	
202149	202251	
202150	202252	
202151	202253	
202152	202254	
202153	202255	