



Hydraulic Leveling System – Pump & Reservoir Support Bracket

Bulletin Type:	Safety Recall	Publication Date:	December 8, 2020
Bulletin #(s):	20V-405B US Units 2020-322B CN Units	Make(s):	Jayco Motorized Entegra
Job Code:	9903515	Model(s):	Greyhawk Redhawk, Envoy 100 Series Envoy 200 Series
Flat Rate:	2 Hours	Model Year(s):	2016-2019

Incident:	The supporting bracket for the hydraulic pump and reservoir breaks, allowing the pump and reservoir to fall to the ground.
Affected Units:	All units with a hydraulic system installed by Jayco during the original build. CASE RECALL LINES in Jayco Partners note the affected unit serial numbers.
Parts Kit:	Parts Kit #: 20V-405B
	Parts Kit Contents: (4) .38-16 zinc hex nut (4) .38-16x1.00 GR5 zinc carriage bolt (4) .38 zinc USS flat washer (4) .38 zinc split lock washer (2) .38-16x1-1-1/2 grade 5 zinc hex tap bolt (1) .13 steel black 13.50x11.69x2.13 bracket
Misc. Tools & Supplies:	Sawzall with steel cutting blade OR 4" die grinder 9/16" long socket and ratchet 9/16" open end wrench Box to support the pump during the repair 9/16" short socket and extender
Parts Return Information:	No parts are to be returned

INSPECTION

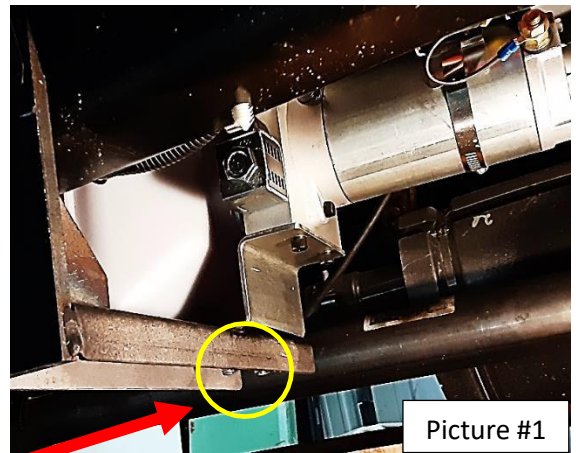
Inspect hoses and connection for damage, sign of wear or loose connections.

INSTRUCTIONS

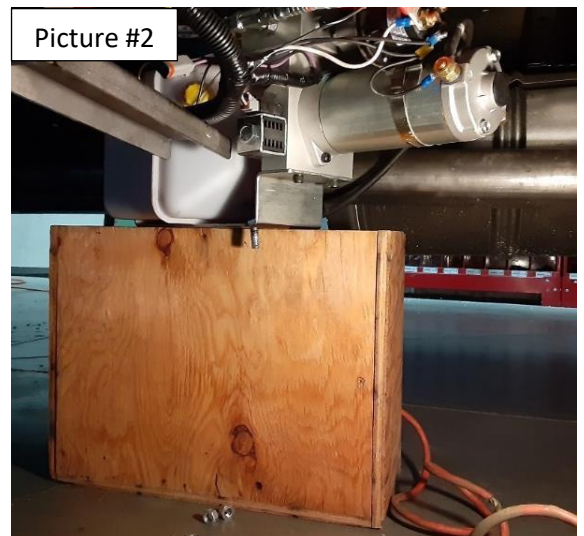
NOTE: The repair will be easier if you do not set the emergency brake on the motorhome. This will allow more slack in the brake cable in the bracket area. **Be sure to block the tires and put the gearshift in park to prevent the motorhome from moving during the repair.**

1. Obtain a box or similar support mechanism to support the leveling pump so when you remove the bolts from the support bracket you can lower the pump on it. Make sure the support is high enough as to not stress any hydraulic connections once the pump is resting on it. (Picture #2)

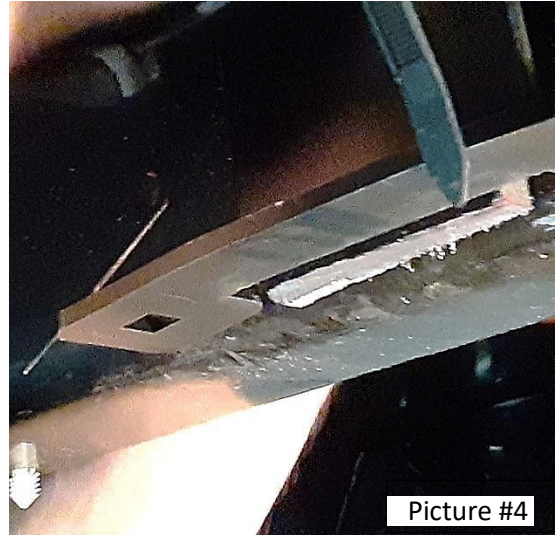
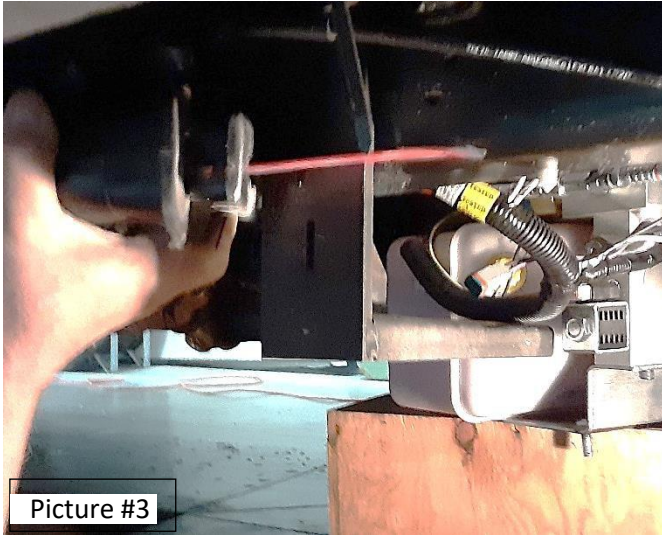
2. Using a 9/16" sock wrench, loosen and remove the (2) bolts securing the pump to the support bracket. Remove the bolts and discard, set aside the nuts and lock washers for attaching the new bracket. (Picture #1).



3. Lower the hydraulic pump onto the support box. Insure Make sure the support is high enough as to not stress any hydraulic connections once the pump is resting on it. (Picture #2)

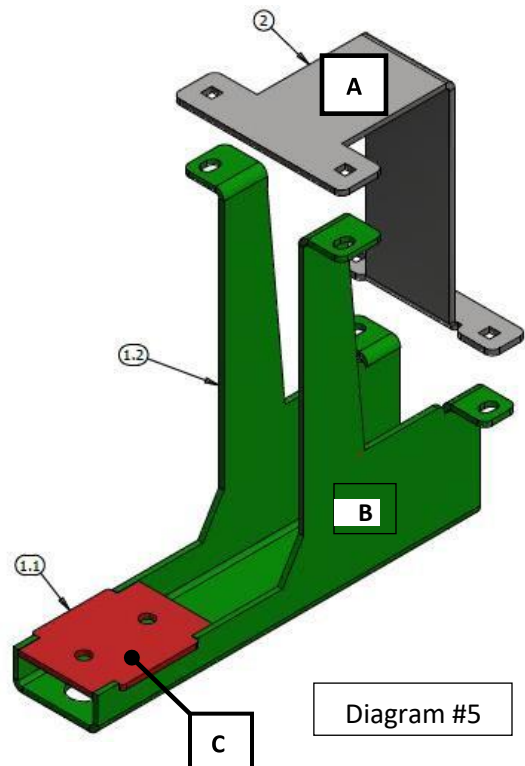


4. Using a sawzall or 4" die grinder, cut the existing support bracket off even with the bottom of the frame rails (Picture 3 & 4). Use caution to insure sparks do not damage the hydraulic hoses and reservoir container.



5. **Install Part A** of the bracket on the frame rail. It should be placed over the remaining part of the original bracket and on the inside of the emergency brake cable. The top will "hook" over the rail (towards the hydraulic pump).

Install Part B of the bracket with the support portion towards the hydraulic pump. Join the (2) bracket pieces together by inserting the (4) carriage bolts through the holes on the top of Part A and on through the holes on Part B. Add the flat washer, the split washer and the nut on each bolt. Using the long socket and ratchet, firmly tighten each nut.

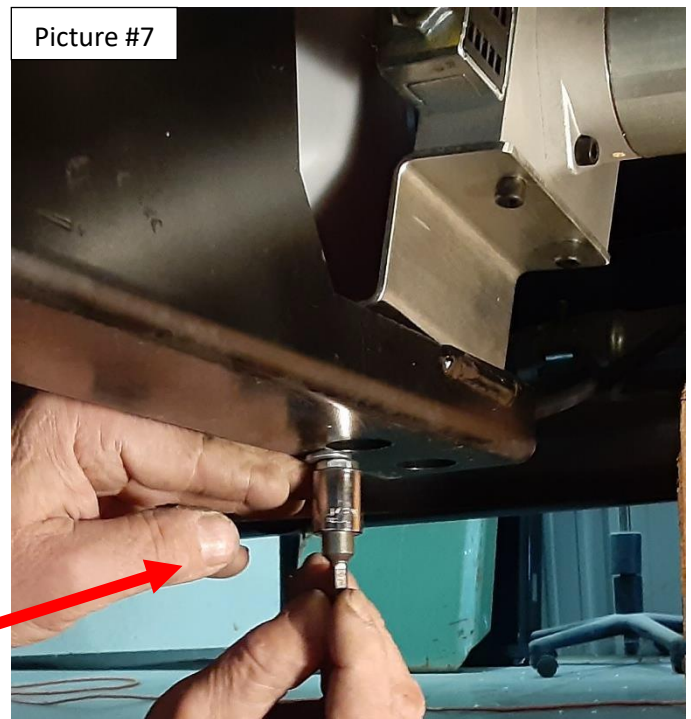


6. Set the hydraulic pump onto the top surface of the new bracket. (Picture #6) Insert the (2) new Hex Bolts through the top of the pump bracket (where the original bolts were). Set the hydraulic pump on the bracket, making sure the bolts are through the holes on the bracket plate C shown on Diagram #5. Adjust the hydraulic pump position as needed to insure it is securely seated on the bracket.

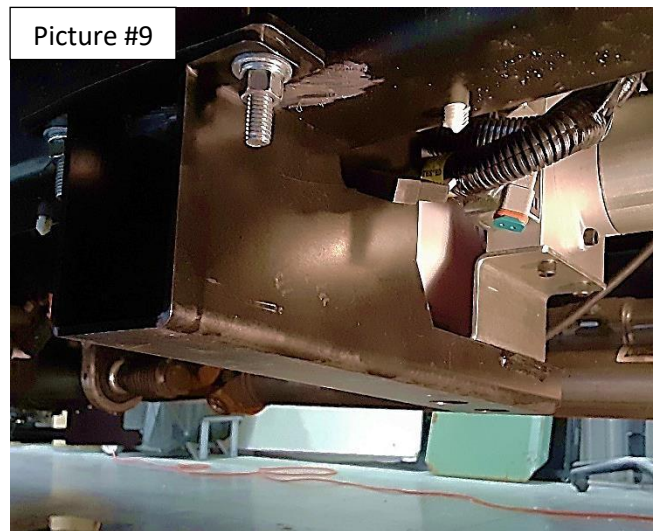
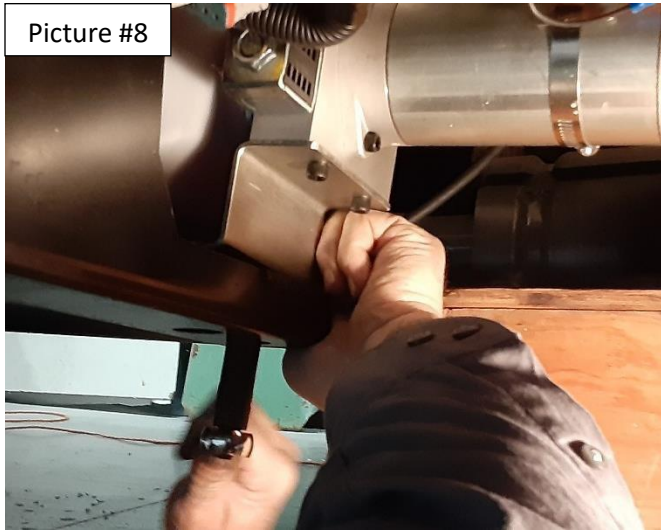


7. Install the original lock washer and nut onto the pump bolt securing the pump to the bracket. Access to the bolt is through the (2) holes in the bottom of the bracket. (Picture #7)

NOTE: To make the nut/washer installation easier, place an extra nut into a short 9/16" socket with an extender on it. Place the nut with the lock washer on top, into the socket. Insert the washer/nut into the hole to get it started.



8. Using the long socket and ratchet, tighten the nuts through the holes in the bottom of the bracket. You may need to use the 9/16" open wrench to hold the bolt head while tightening the nut. Securely tighten nuts on both bolts. (Picture 8 & 9)



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