



SEAT SWIVEL REPLACEMENT

TSB Number:	06-001-19
Product:	Seat Swivels 10/31/18 through 5/6/19
Date:	May 21, 2019

Purpose

The purpose of this Technical Service Bulletin is to inform Renegade dealers and customers of the need to replace the LCI Driver Side Seat Swivel and Passenger Side Seat Swivel installed in certain coaches.

Condition

Welds may be insufficient and will require removal and replacement of 694377 Driver Side Swivel and 694378 Passenger Side Swivel installed in certain coaches from 10/31/18 through 5/6/19.

Products Affected: LCI 694377 Driver Side Swivel, LCI 694378 Passenger Side Swivel

Models Affected: Renegade models Verona/Verona-LE and Valencia

Replacement

The seating units inside the coaches are constructed of three components: Seat, swivel and pedestal. The instructions detail the removal and replacement of the swivels. The instructions are the same for both driver side and passenger side swivels.

Safety



Use appropriate personal protective equipment (PPE) for the procedure being performed.



Moving parts can pinch, crush or cut. Keep clear and use caution.

SEAT SWIVEL REPLACEMENT

Resources Required

- $\frac{3}{8}$ " air or hand ratchet
- $\frac{1}{2}$ " socket with extender
- $\frac{7}{16}$ " open end wrench
- Cutter to cut and trim zip ties
- Hose cutter to trim hoses
- Torque wrench that measures in-lbs
- Channel lock pliers to pull air hoses from couplers
- Zip ties
- Plastic or cardboard on which to place seat during repair
- Yellow grease pencil (china marker)

Instructions

If the coach is a Verona or Verona-LE model with a heated seat, there are additional replacement instructions. If not a Verona or Verona-LE model, go to Removal of Swivel and Seat section. The coaches with the heated seats will have a red button with a seat heat icon (Fig. 1). Do as follows:

1. Disconnect the wiring terminal from the seat base (Fig. 2).

NOTE: It is not necessary to disconnect this wiring, but removal improves access to the seat interior.

2. Disconnect the wiring harness from the floor (Fig. 3).

Fig. 1

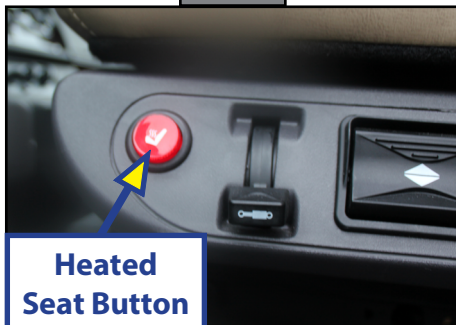


Fig. 2

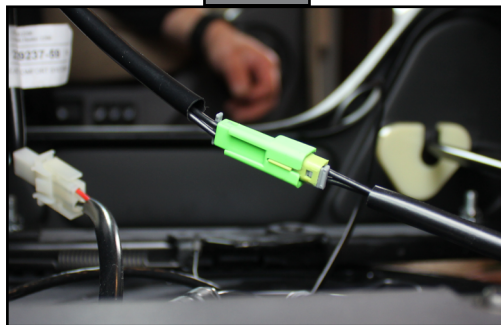
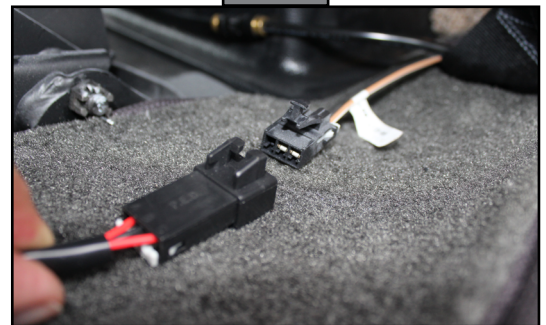


Fig. 3



SEAT SWIVEL REPLACEMENT

Removal of Swivel and Seat

1. Raise seat to the highest position using the air control on side of seat (Fig. 4). Place air shock control in the up position and block/secure air pedestal to prevent seat from lowering accidentally.
2. Before draining air from the system, lift up bottom of seat and loosen all seat and swivel fasteners using a 1/2" socket. There are eight fasteners in each seating system, including four fasteners on the seat (Fig. 5) and four fasteners on the swivel (Fig. 6).
3. Snip zip ties. There are zip ties on outboard side of the pedestal (Fig. 7) and under the seat (Fig. 8). The zip ties hold together the air lines and air control cable.

Fig. 4

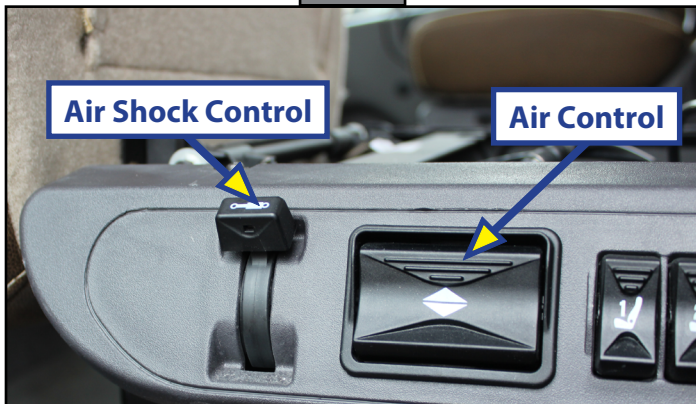


Fig. 5



Swivel Fastener

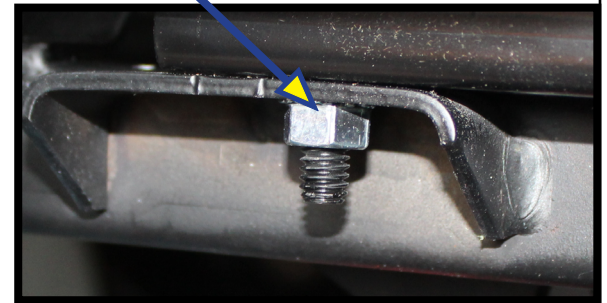


Fig. 6



Fig. 7

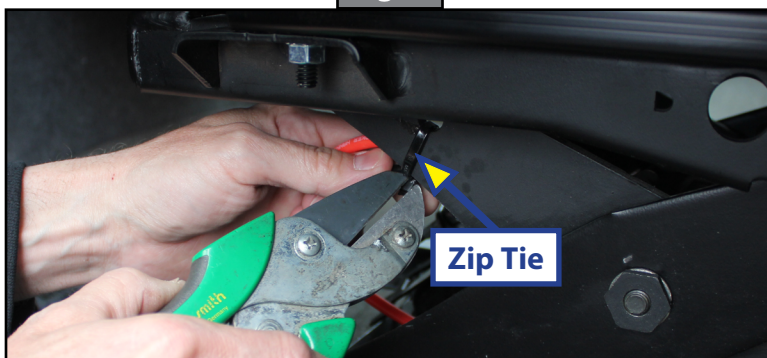
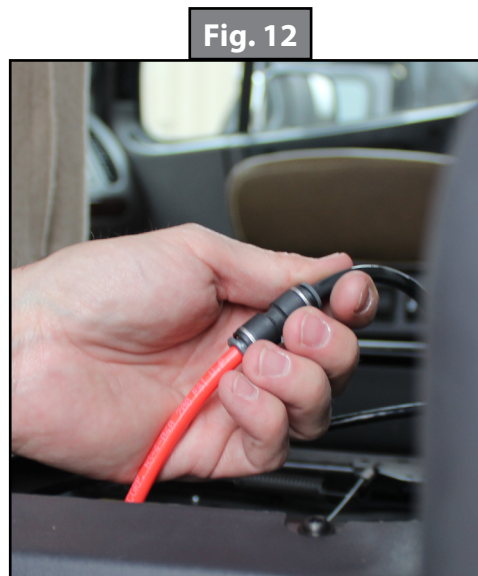
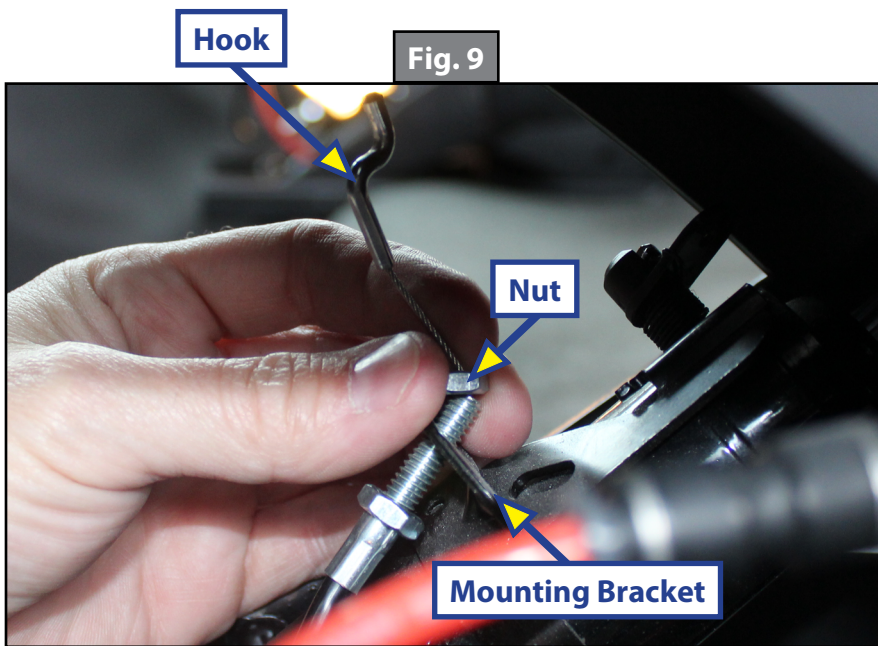


Fig. 8



SEAT SWIVEL REPLACEMENT

4. Release the seat shock control cable for air ride, located under the pedestal (Fig. 9). Using a 7/16" wrench, loosen the nut on the cable. Push the spring-loaded hook forward and it will release.
5. Pull cable out of mounting bracket and push it up through the center hole in the swivel, letting it rest on the seat frame (Fig. 10).
6. Using a 1/2" socket, remove the four fasteners from the swivel and the four fasteners from the pedestal. Retain fasteners for reinstallation.
7. The air lines are accessible with seat base up. However, before disconnecting the air lines, use colored tape or marker to identify proper connections when reattaching them.
8. Remove quick connect air coupler on main air supply (Fig. 11).
9. Remove quick connect air coupler on air control line (Fig. 12)
10. Once the two air lines are disconnected, the seat assembly will drop down if not blocked or secured (Fig. 13).



SEAT SWIVEL REPLACEMENT

11. Place plastic or cardboard between the seats before removing seat.
12. Remove the seat from the swivel. Lay the seat on its back (Fig. 14).
13. Lift the swivel straight up. Make sure the air lines and release control cable are free and not caught or still attached.
14. Record information on TSB Seat Swivel Inspection, Verification and Signoff Sheet. This must be returned to LCI.

Fig. 14



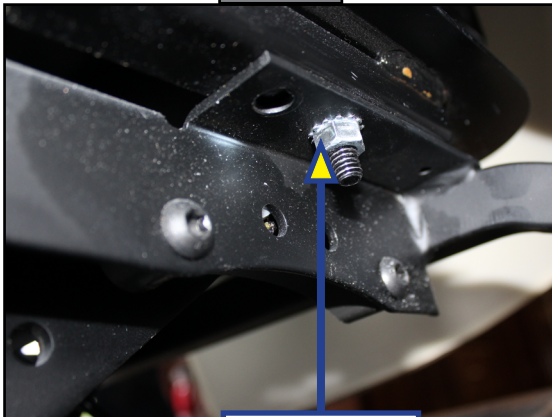
Fig. 15



Installation of Replacement Swivel and Seat

1. Place swivel on top of pedestal. Make sure the swivel is aligned to use the back holes on the pedestal (Fig. 16). If the front holes are used, the seat will not swivel when replacement is completed.
2. Run the air line and control cable through the middle of the swivel (Fig. 17). Do not yet place fasteners on the swivel to the pedestal. This will help make installation easier.

Fig. 16



**Back Hole
on Pedestal**

Fig. 17



SEAT SWIVEL REPLACEMENT

3. Place seat on swivel (Fig. 18) and replace the seat fasteners. Finger-tighten the fasteners.
4. Snip a small amount of air hose to create a clean connection to the coupler (Fig. 19).
5. Push the air hoses back into the air coupler (Figs. 20 and 21). Make sure to connect the correct air hose into the correct coupler.
6. Replace the fasteners on the bolts from the swivel to the pedestal, but finger-tighten only.
7. Run the seat shock control cable (Fig. 22) back through the mounting bracket and reconnect it. Make sure the spring-loaded hook is attached. Firmly tighten the nut, but do NOT overtighten.
8. With a 1/2" socket, loosely tighten the fasteners to the pedestal and the swivel.
9. Using a torque wrench, finish tightening the eight fasteners to 76 in-lbs. Do NOT overtighten.

Fig. 18



Fig. 19



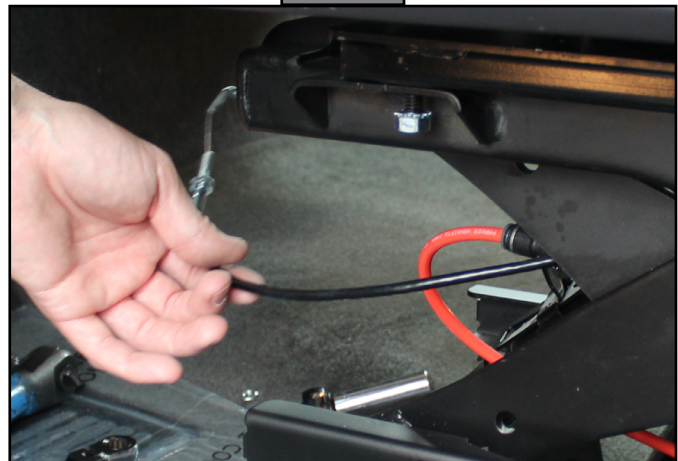
Fig. 20



Fig. 21



Fig. 22



SEAT SWIVEL REPLACEMENT

10. Zip tie air lines and control cables to the pedestal base and under the seat (Figs. 23 and 24). Utilize hole in pedestal base to attach zip tie containing the seat shock control cable and air line (Fig. 24).
11. Mark all fasteners with a yellow grease pencil. Mark from the nut down the threads. Do NOT use a yellow paint marker.
12. Once swivel is reinstalled, start the vehicle to refill the air lines. Shut off vehicle when air gauge indicates correct pressure or the air dryer pops.
13. When air pressure is correct, raise the seat to remove block/securement.
14. Check all seat functions to ensure proper operation.

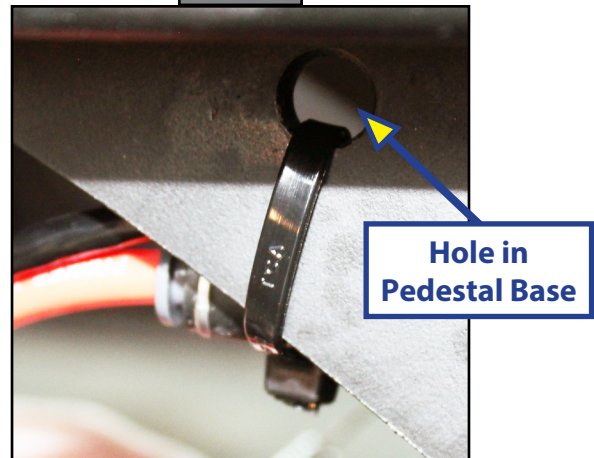
If the coach is a Verona or Verona-LE model with a large red button on the side of the chair and it has a heated seat, do as follows:

1. Reconnect the wire terminal on the seat to the seat base (if disconnected).
2. Reconnect the wire harness from the floor to the seat base.

Fig. 23



Fig. 24



Action Needed

Submit completed work order with full unit information via email to CustomerService@lci1.com with RENEGADE SEAT REPLACEMENT CLAIM in the subject line. If needed, please utilize the LCI claim form on our website, https://lci-support-doc.s3.amazonaws.com/forms/warranty_claim_form.pdf, or submit your dealership work order in place of the LCI claim form. Dealers are NOT required to use the LCI Claim Form and are NOT required to obtain authorization prior to the repair being conducted. Please ensure the completed Inspection and Verification Sheet (page 8 of this document) is submitted with your claim and request for payment.

Warranty Labor Allowance: 0.5 hour per seat

As a supplier of components to the RV industry, safety, education and customer satisfaction are our primary concerns. Should you have any questions, please do not hesitate to contact us at (574) 537-8900 or by email at customerservice@lci1.com. Self-help tips, technical documents, product videos and a training class schedule are available at lci1.com or by downloading the MyLCI app.



SEAT SWIVEL REPLACEMENT

TSB # 06-001-19 SEAT SWIVEL INSPECTION, VERIFICATION AND SIGNOFF

All seat swivel bases dated 10/31/18—5/6/19 must be replaced with a new or repaired base. All new bases will have an identification sticker dated 5/7/19 or later. Repaired bases will have an additional sticker labeled (torqued check :) and dated.

K#: _____ Full VIN: _____

Current DS Seat Swivel S/N: _____ Replacement DS S/N: _____

Current PS Seat Swivel S/N: _____ Replacement PS S/N: _____

Installer's Name: _____
Please print first and last name

Torqued to 76 inch pounds by: _____ Date: _____
Please print first and last name

Inspected by: _____ Date: _____
Please print first and last name

Note: If using fillable form on a computer, type complete name in the signature lines.

Submit Form

Clear Form



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