



# Recall Campaign

NHTSA#: 12V-347

TC#: 2012-223

Job Code: 9901105

Flat Rate: 0.7 hrs.

**REQUIRES PARTS TO BE ORDERED FROM Jayco for every unit.**

**ACTION REQUIRED:**

Replace the 50 AMP Iota transfer switch

**MODELS / UNITS:**

Greyhawk Class C Motor Homes

2007 Models

33DS 71MK0050-0166

Seneca Class C Motor Homes

2008 Models

35GS 81WB0051-0329

2010 Models

35GS A1WB0051-0078

36FS A1WF 0050-0089

36MS A1WG0050-0090

Eagle Fifth Wheels

2009 Models

351RLSA 91LC0050, 0052, 0055-0058, 0071, 0077, 0087, 0095, 0100, 0112, 0117-0118, 0120, 0123-0125, 0128-0129, 0134-0137, 0143-0145, 0151, 0153, 0155, 0173, 0175, 0177, 0191-0192, 0199, 0201-0203, 0206, 0227-0229

2011 Models

351RLTS B1LM0052-0053, 0055, 0058, 0060, 0064, 0072-0073, 0081, 0088, 0090, 0098-0099, 0102, 0117-0118, 0120, 0123, 0127, 0133-0134, 0141

Designer Fifth Wheels

2008 Models

35RLTS 81SZ0050-0051, 0053-0064, 0067, 0069, 0072-0075, 0078, 0085, 0089, 0091-0092, 0096-0097, 0099-0100, 0102-0109, 0111, 0114-0116, 0119-0122, 0124-0125, 0130, 0132-0134, 0136, 0139-0142, 0145, 0147, 0150-0152, 0154-0156, 0159-0162, 0166, 0169, 0171-0176, 0179-0181, 0183-0185, 0187, 0189-0190, 0192-0193, 0196, 0199, 0201-0202, 0207-0219, 0221, 0224-0227, 0229-0234, 0238-0241, 0243-0246, 0248, 0250-0255, 0257, 0260-0261, 0265, 0268, 0270-0275, 0278-0281, 0284-0285, 0287-0289, 0291, 0293-0298, 0302, 0304-0305, 0307-0308, 0310-0312, 0317-0321, 0323, 0325-0327, 0329-0333, 0336, 0339-0344, 0347-0349, 0354-0358, 0361, 0363-0364, 0367, 0371-0373, 0388, 0390-0391, 0395-0403, 0406, 0408-0411, 0413, 0415, 0417-0418, 0421-0424, 0427, 0429, 0432, 0434-0435, 0438-0440, 0446, 0448-0449, 0451, 0453-0454, 0456, 0460-0461, 0464, 0466, 0469-0470, 0472, 0474, 0476, 0480, 0482-0483, 0485

2009 Models

35RLTS 91SZ0050, 0056-0058, 0060-0062, 0066-0067, 0069-0075, 0079, 0081, 0083-0086, 0089-0090, 0095, 0097-0098, 0101-0102, 0104-0105, 0108, 0112-0113, 0119-0120, 0122, 0127, 0129, 0131-0132, 0135, 0137-0138, 0140, 0143, 0146-0147, 0149-0151, 0153, 0155, 0157, 0159, 0161, 0163-0164, 0166-0167, 0169, 0171, 0173, 0175-0181, 0183-0185, 0188-0190, 0197, 0202, 0204-0205, 0212, 0214-0215, 0218-0220, 0223-0225, 0229-0231, 0233, 0235-0239, 0241-0243, 0245-0246, 0249-0251, 0254, 0256, 0264-0266, 0268-0269, 0273, 0275-0276, 0281

2010 Models

37RLQS A1SB0051, 0056, 0061-0062, 0065, 0067-0068, 0073, 0075-0076, 0079, 0084, 0088-0089, 0093-0094, 0098-0099, 0103-0105, 0111, 0122, 0128-0130, 0132, 0143, 0145, 0147-0148, 0150-0153, 0155-0156, 0158, 0160

35RLTS A1SZ0051, 0053, 0056-0057, 0059, 0063, 0067-0069, 0074, 0079-0084, 0089-0090, 0092-0093, 0100, 0105-0107, 0109, 0111-0112, 0114, 0116, 0127, 0129, 0133-0134, 0138, 0145-0146, 0148-0151, 0154, 0158, 0160-0161, 0163, 0172, 0181, 0184, 0187-0188, 0190-0191, 0194, 0198, 0200, 0203-0205, 0207, 0220-0221, 0225, 0232, 0234-0235

Recon Sport Utility Fifth Wheel

2010 Models

37F A1AF0050-0064

**KIT CONTENTS**

12V-347  
50 AMP transfer switch  
(2) wire clamps  
(4) reducing washers  
Instruction sheet

**Note: Kit can only be ordered using the order form**

12V-347M (**Seneca models only**)  
50 AMP transfer switch  
(2) wire clamps  
(4) reducing washers  
(1) Shore power transformer  
Instruction sheet

**TOOLS/MATERIAL REQ.:**

Screw gun  
Square bit  
5/32" Hex bit

Utility knife  
Tape & marker

### INSTRUCTIONS

1. Locate the transfer switch. In most motor homes it will be located in the storage compartment under the bed. In most towable models it will be located in the basement storage area.



Only replace the transfer switch if it is the Lota brand switch shown.

2. **STOP GENERATOR AND DISCONNECT SHORE POWER CORD.**  
**SENECA MODELS ONLY - DISABLE AUTOMATIC GENERATOR START (shore power transformer).**
3. Remove the transfer switch cover. Using a "mult" meter set to the 200 volt A/C range TEST all circuits inside the transfer switch to verify that all power is turned off.
4. Using tape and a marker, mark each wire exiting the existing transfer switch. The wire on the left side will be the generator, the center wire is the shore cord, and the wire on the right is connected to the load center. Be sure to place the tape approx. 1 ft. down on the wire to allow for removal of the wire sheathing during installation.



5. Loosen and remove all wires exiting the existing transfer switch. Remove the box.



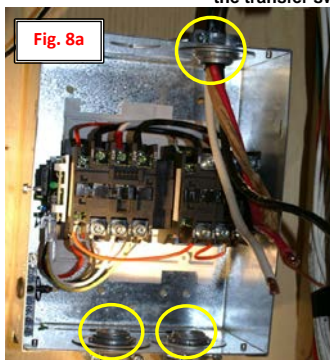
6. Remove Romex clamps and reducing washers from old transfer switch. Save for re-use.
7. **You will need to remove circuit board from the Lota transfer switch and return it to Jayco.** To remove the board, insert a screwdriver in the recessed space at the top of the board and gently pry it towards the bottom of the box and up. Once the board is loose, remove the wires by pulling up at the terminal.



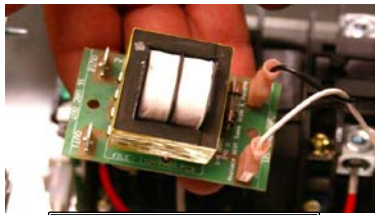
8. Install 3 Romex clamps and 6 reducing washers (2 washers per clamp) into 3 openings (Fig. 5a).

**NOTE: Re-use the clamps and washers from the old transfer switch.**

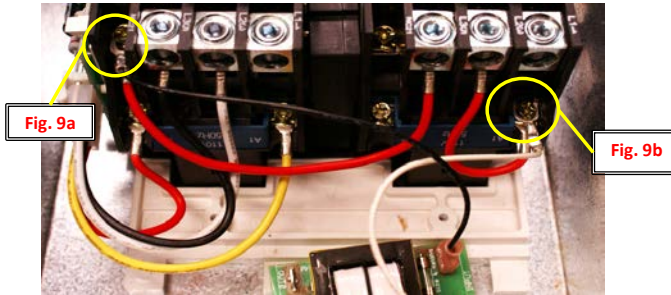
**CAUTION - Do not alter the size of the transfer box "punch out" holes. Remove all punch out pieces from inside the transfer switch box.**



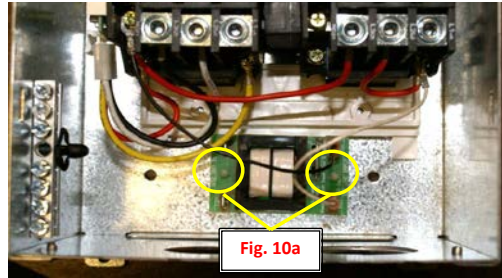
9. Install the shore power transformer (auto gen start control) - **SENECA MODELS ONLY. ALL OTHER MODELS PROCEED TO STEP 10.** Connect the black input wire to the terminal on the contactor terminal as shown (Fig. 9a). Connect the white wire as shown (Fig. 9b).



shore power transformer  
(auto gen start control)



10. Fasten the shore power transformer to the transfer switch box using the (2) mounting clips supplied with the transformer. Insert the clips (from the back of the box) into the two center holes. Turn the box right side up and place on a stable, flat surface. Place the shore power transfer on the mounting clips (Fig. 10a) and gently press down on the transformer until it snaps in place.



11. Install the new transfer switch in the same general location as the original switch. Slight re-positioning of the transfer switch may be required to allow re-connection of all wires.

**NOTE: The Romex connector for the load center wire should always go out the top of the box (single hole)**



12. Cut off the smashed/damaged end (approximately 3/8 of an inch) and re-strip the conductor insulation from each wire that will be reused.

**NOTE: Any damaged wire as result of melting should be removed.**

**Note: Conductor insulation should be stripped approximately 3/8 of an inch. Do not nick or otherwise damage copper conductors during the stripping process.**

13. Insert the load center wire into the top Romex clamp on the new transfer switch box.

**Note: Wire outer sheathing must extend completely through each Romex connector.**

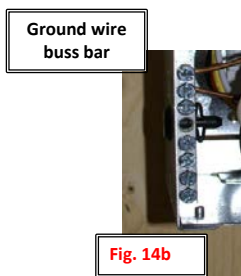
14. Attach the load center, shore cord and generator wires to the contactor as follows (Fig 14a):

**Load Center** - top right of the contactor  
**Shore Cord** - bottom right of the contactor  
**Generator** - bottom left of the contactor

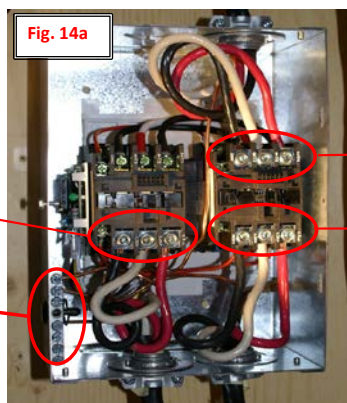
Attach the **individual (color coded)** wires (for the load center, shore cord and generator) to the terminal(s) in the following order.

**Black** wire to the left terminal  
**White** wire to the center terminal  
**Red** wire to the right terminal

Attach the **ground (bare)** wire (for the load center, shore cord and generator) to the ground buss bar (Fig. 14b)



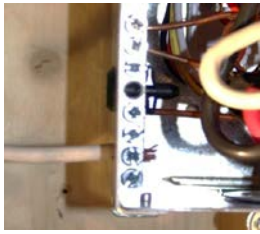
Generator



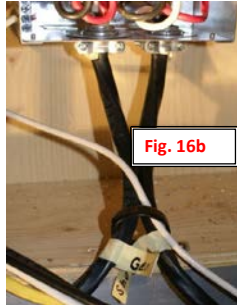
Load Center

Shore Cord

15. Attach the single 6 gauge white (or bare) bonding ground wire to the ground buss bar through the hole in the side of the transfer switch case. Torque set screw to the specification listed on the transfer switch lid.



16. Secure the load center wire to the compartment wall using a "P" clamp as shown (Fig. 16a). Secure the shore cord wire, the generator wire and the bonding ground wire using a "P" clamp to the compartment wall (Fig. 16b).



17. Install the transfer switch lid. Note: If wires must be moved or re-positioned in any manner to install the transfer switch lid, the set screws for those moved or re-positioned wires must be re-torqued prior to final lid installation.



18. Plug the unit into shore power and test high voltage circuits for proper operation.
19. Start generator and re-test high voltage circuits for proper operation.

Note: **(SENECA MODELS ONLY)** Automatic transfer switch will engage (connect the motorhome to the generator) after approximately 30 seconds of generator operation.