

Newmar Corporation

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WHEN YOU KNOW THE DIFFERENCE.

TSB 548
Aug. 22, 2019

TECHNICAL SERVICE BULLETIN

AFFECTED MODELS

2020 :: London Aire, Essex, King Aire (early production coaches only)

DESCRIPTION

The Newmar Engineering Department discovered that HWH changed the step programming for 2020 coaches, causing the curb sensor not to function as originally designed. The new replacement version (A59650-4) will stop the auto level function any time the curb sensor activates after the two-second delay. If the engine is running, the auto level function will stop and air up the coach's air bags when the curb sensor is activated.

UNITS AFFECTED

Please refer to the attached population list for affected coach production numbers and VINs.

CORRECTIVE ACTION

Contact your Newmar Service Account Manager to obtain authorization and to order parts. Follow the attached instructions to replace the Miom and test the operation.

PARTS NEEDED

Item Description	Quantity	Newmar Part #
Miom	1 ea.	025009A
Bumpers	1 pr.	025009E

FLAT RATE CODE: TSB 548

LABOR TIME: .3 hr.

IMPORTANT: Please read this bulletin in its entirety prior to beginning any diagnosis or repairs.

NOTICE: Any technical information published in this bulletin is intended for use only by a qualified, Newmar-authorized service technician. Newmar is not responsible for the misuse of this information.

Replacing the HWH Step Miom

The Newmar Engineering Department discovered that HWH changed the step programming for 2020 coaches, causing the curb sensor not to function as originally designed.

The new replacement version (A59650-4) will stop the auto level function any time the curb sensor activates after the two-second delay. If the engine is running, the auto level function will stop and air up the coach's air bags when the curb sensor is activated. Refer to the following instructions to replace the Miom and test the operation.

1. Remove the two mounting screws.
2. Unplug the wire harness connectors.
3. Mount the new Miom.
4. Reconnect each wire harness connector to the new Miom. Make sure to match the harness connectors to the matching label on the Miom.



5. Add a bumper block to each side of the step rail. Slide the bumper assembly in place, and bend the tab over to lock it into place. The following pictures show the right side of the step. Repeat the same process for the left side as well.



6. Pull the F-11 fuse or press and hold the HWH reset switch in the front overhead cabinet for at least 10 seconds in order for the HWH system to recognize the new Miom.
7. Test the step operation.
 - Test the curb sensor switch.
 - When dumping the air while the engine is running, the coach should stop lowering and the air bags should re-inflate.
 - When dumping the air while the engine is off, the coach should stop lowering.
 - Test the shin guard.
 - When bumped, the shin guard should stop the step during extension.
 - Test the override switch
 - This switch should operate the step, regardless of the sensors or door position.
 - Test the step operation by opening and closing the door with the overhead switch on and off, as well as with the engine running and the park brake released.
 - With the overhead switch off, the step should stay extended if the door is opened and closed. However, if the engine is on and the park brake released, the step should retract when the door is closed and extend once when the door is opened.
 - With the overhead switch on, the step should operate each time the door is opened or closed.
8. Package and return the old Miom to Newmar.

Production #	VIN Number	Year	Brand	Type	Floor Plan	Chassis Brand	Date In Production	Date Off Production
501674	4VZVU1E94LC086325	2020	LA	DP	4543	S	12/5/2018	12/11/2018
501682	4UZFG4LCLL6157	2020	LA	DP	4559	FL	2/19/2019	2/26/2019
501692	4UZFG8LCLX0022	2020	LA	DP	4543	FL	5/21/2019	6/3/2019
501693	4UZFG1LCLW3736	2020	LA	DP	4551	FL	5/29/2019	6/7/2019
501701	4UZFG6LCLX2478	2020	LA	DP	4551	FL	6/12/2019	6/19/2019
501707	4VZVU1E93LC087546	2020	LA	DP	4543	S	6/3/2019	6/11/2019
501715	4UZFG9LCLW7677	2020	LA	DP	4543	FL	6/6/2019	6/13/2019
501725	4VZVU1E98LC087624	2020	LA	DP	4551	S	6/24/2019	7/9/2019
530568	4VZVU1E92LC086324	2020	KG	DB	4549	S	11/29/2018	12/6/2018
530575	4VZVU1E91LC086329	2020	KG	DB	4531	S	2/11/2019	2/18/2019
530584	4VZVU1E94KC087408	2020	KG	DB	4531	S	5/20/2019	5/31/2019
530590	4VZVU1E94KC087425	2020	KG	DB	4531	S	5/28/2019	6/6/2019
801353	4UZFG3LCLL5968	2020	EX	DP	4533	FL	12/12/2018	12/19/2018
801356	4VZVU1E98LC086327	2020	EX	DP	4569	S	1/29/2019	2/7/2019
801362	4VZVU1E94KC086887	2020	EX	DP	4533	S	5/22/2019	6/4/2019
801366	4VZVU1E96KC086924	2020	EX	DP	4543	S	6/3/2019	6/10/2019