

Newmar Corporation Warranty Department

Technical Service Bulletin

Date Issued	Model Year(s) Affected		Model(s) Affected		TSB #
02/18/2011	2009-2011		See below		386
Brand					Type
All <input type="checkbox"/>	American Star <input type="checkbox"/>	Mountain Aire <input type="checkbox"/>	All <input type="checkbox"/> T T <input type="checkbox"/>		
Cypress <input type="checkbox"/>	Dutch Star <input checked="" type="checkbox"/>	Kountry Aire <input type="checkbox"/>	F W <input type="checkbox"/> C A <input type="checkbox"/>		
Northern Star <input type="checkbox"/>	Kountry Star <input type="checkbox"/>	Essex <input type="checkbox"/>	D P <input checked="" type="checkbox"/> D B <input type="checkbox"/>		
Scottsdale <input type="checkbox"/>	King Aire <input type="checkbox"/>	London Aire <input type="checkbox"/>			
All Star ME <input type="checkbox"/>	Ventana <input type="checkbox"/>	Bay Star <input type="checkbox"/>			
<div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Air Conditioning & Heating <input checked="" type="checkbox"/> Appliances & Accessories <input type="checkbox"/> Cabinets & Furniture <input type="checkbox"/> Chassis Components <input type="checkbox"/> Construction Components </div> <div> <input type="checkbox"/> Electrical Components <input type="checkbox"/> Exterior Components <input type="checkbox"/> Interior Components <input type="checkbox"/> Plumbing & Bath Components <input type="checkbox"/> Windows, Awnings, Vents, & Doors </div> </div>					
Description of Problem					
<p>In some cases, certain 8 Kilowatt generators were equipped with 10 Kilowatt EMS programming.</p> <p>The 10 Kilowatt programming sheds load at a Combined Maximum output current of 83 amps. The 8 Kilowatt generator output is 70 amps.</p> <p>With the 10 kilowatt programming on an 8 kilowatt generator, the EMS will never shed loads, and the generator will shut down because of overload.</p>					
Recommended Solution					
<p>If the wrong programming is identified, Please contact Newmar Dealer Technical Support at 866-290-5371.</p> <p>8 kilowatt generators with EMS, should have the RV DATA Reference ID # (NMR3AC8KGEN 101) on the Precision Circuit remote panel.</p> <p>Here are examples of wrong Reference ID programming that could have been installed;</p> <ul style="list-style-type: none"> (NMR09DS3AC 101807) & (NMR09DS3ACWO030608) 					

PRECISION CIRCUITS INC

5403 Patton Drive Unit 222
Lisle, IL 60532

Tel: 630-515-9100
Fax: 630-515-9101
Cell: 630-240-9832
g.cepynsky@precisioncircuitsinc.com

POWER CONTROL SYSTEM RV DATA

RV REFERENCE INFORMATION

REFERENCE TABLE																		
REFERENCE ID	N	M	R		2	A	C		8	K	W	G	E	N		1	0	1
MANUFACTURER	NEWMAR																	
MODEL	2-A/C 8KW Gen																	
DATE	2-1-10 (101 = 10 th year 1 st revision)																	

REFERENCE ID is 18 character alpha numeric

Recommended usage:

1-3 Manufacturer

4-12 Model Name and/or #

13-18 Date

(REFERENCE ID will be critical to Identify Motor Home Data in Field in case of Repair/Replacement)

RV SPECIFIC PARAMETERS

LOAD SHED TABLE																	
Relay #	Relay Type	Relay Voltage	Relay Connector	Line Assoc	Load Name (12 Characters Max)										Shed Order (1-7)		
Relay 1	120VAC 1	120VAC	J5-1,2	1	W	a	t	e	r		H	e	a	t		2	2
Relay 2	Air Cond 1	12VDC	J4-3,4,5	2	A	/	C		R	e	a	r				4	
Relay 3	120VAC 2	120VAC	J5-3,4	1												None	
Relay 4	Air Cond 2	12VDC	J4-8,9,10	1	A	/	C		F	r	o	n	t			5	
Relay 5	120VAC 3	120VAC	J5-6,7	2	B	l	o	c	k		H	e	a	t	e	r	1
Relay 6	Air Cond 3	12VDC	J4-6,11,12	1												None	
Relay 7	120VAC 4	120VAC	J5-8,9	2	W	a	t	e	r		H	e	a	t		1	3

Note:

1. If Load Name does not exist, assume Relay has no load attached, and ignore Shed Order if any.
2. Loads will appear on Display in Shed Order 1-7.
3. If there is a gap in Shed Order, everything will be shifted to lowest possible number.
4. Two relays can not have the same Shed Order #.
5. Shed Order number needs to be between the numbers of 1-7.
 - a. Any Relay can be shed in any order.
 - b. #1 will be first Load to Shed and last Load to return.
 - c. Shed Order will be per list above if over-current exists for system.
 - d. Shed Order may be modified if an over-current condition exists on just one of the L1 or L2 Lines.
 - i. Next shed-able Load is not shed because the current on it's Line is OK
 - ii. Load is skipped and next shed-able Load associated with the proper Line over-current condition is chosen.
6. 120VAC Load association to L1 and L2 is fixed and can not be programmed.

GENERATOR TABLE	
Generator Parameters	Current (Amps)
Model	Onan 8K
Line 1 Circuit Breaker	35
Line 2 Circuit Breaker	35
Combined Max Output Current	66

INVERTER TABLE	
Inverter Parameters	
Model	ME2012
Charger Branch Line (L1 or L2)	L2

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POWER CONTROL SYSTEM RV DATA

RV REFERENCE INFORMATION

REFERENCE TABLE																	
REFERENCE ID	N	M	R		3	A	C			1	0	K	G	E	N		1 0 1
MANUFACTURER	NEWMAR																
MODEL	3-A/C 10K Gen																
DATE	2-1-10 (101 = 10 th year 1 st revision)																

REFERENCE ID is 18 character alpha numeric

Recommended usage:

1-3 Manufacturer

4-12 Model Name and/or #

13-18 Date

(REFERENCE ID will be critical to Identify Motor Home Data in Field in case of Repair/Replacement)

RV SPECIFIC PARAMETERS

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Relay 2	Air Cond 1	12VDC	J4-3,4,5	2	A	/	C		R	e	a	r					5
Relay 3	120VAC 2	120VAC	J5-3,4	1													None
Relay 4	Air Cond 2	12VDC	J4-8,9,10	1	A	/	C		F	r	o	n	t				6
Relay 5	120VAC 3	120VAC	J5-6,7	2	B	l	o	c	k		H	e	a	t	e	r	1
Relay 6	Air Cond 3	12VDC	J4-6,11,12	1	A	/	C		M	i	d	d	l	e			4
Relay 7	120VAC 4	120VAC	J5-8,9	2	W	a	t	e	r		H	e	a	t		1	3

Note:

1. If Load Name does not exist, assume Relay has no load attached, and ignore Shed Order if any.
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6. 120VAC Load association to L1 and L2 is fixed and can not be programmed.

GENERATOR TABLE	
Generator Parameters	Current (Amps)
Model	Onan 10K
Line 1 Circuit Breaker	45
Line 2 Circuit Breaker	45
Combined Max Output Current	83

INVERTER TABLE	
Inverter Parameters	
Model	ME2012
Charger Branch Line (L1 or L2)	L2

Precision Circuits Inc

700 South Road
Lisle, IL 60532-2700

2010 & older Dutch Star with 3 A/C's

Tel: 630-240-98.
Fax: 630-964-3272

**Wrong set-up for generator, Dutch Star only gets an 8K gen, but the EMS is set-up for a 10K gen.
So the EMS will never shed on the generator. Generator will just shut down.**

Power Control System RV Data

RV REFERENCE INFORMATION

REFERENCE TABLE																		
REFERENCE ID	N	M	R	0	9	D	S	3	A	C	W	O	1	0	1	8	0	7
MANUFACTURER	NEWMAR																	
MODEL	2009 DUTCH STAR 3-A/C W OASIS																	
DATE	10-18-07																	

REFERENCE ID is 18 character alpha numeric

Recommended usage:

1-3 Manufacturer
4-12 Model Name and/or #
13-18 Date

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Relay 3	120VAC 2	120VAC	J3-3,4	1	R	e	f	r	i	g	e	r	a	t	o	r	4
Relay 4	Air Cond 2	12VDC	J4-8,9,10	2	A	/	C		#	1							7
Relay 5	120VAC 3	120VAC	J3-6,7	2	B	l	o	c	k		H	e	a	t	e	r	1
Relay 6	Air Cond 3	12VDC	J4-6,11,12	2	A	/	C		#	3							5
Relay 7	120VAC 4	120VAC	J3-8,9	2	W	a	t	e	r		H	e	a	t	r	1	3

Note:

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Line 2 Circuit Breaker	45
Combined Max Output Current	83

INVERTER TABLE	
Inverter Parameters	
Model	ME2012
Charger Branch Line (L1 or L2)	L2

Only has an 8K generator, 66 amp max output.