

Recall Bulletin 71221



**RECALL
BULLETIN:**
71221

**YEAR(S)
AFFECTED:**
2008

**PRODUCT(S)
AFFECTED:**

Bounder
Diesel,
Discovery,
Excursion,
Expedition,
Providence,
Revolution LE,
with serial
numbers
listed in this
Bulletin

**MODEL(S)
AFFECTED:**
All

SUBJECT:
Replacing
the Magnum
Inverter

KEYWORDS:
Inverter,
Magnum,
Magnum
Inverter

ISSUE DATE:
January 2008

The purpose of this Bulletin is to inform all Fleetwood dealers about the need to inspect, and if necessary, for this Bulletin only, replace the Magnum Inverter.

CONDITION:

Circuitry inside certain Magnum Inverters can cause an inoperative condition, overload, and risk of fire.

INSPECTION:

Follow the steps below to inspect the Magnum inverter.

For this recall only, if the inspection procedures determine defective components, the entire inverter must be replaced.

1. Park the motor home on a dry, level, paved hard surface. Put the transmission into Neutral and engage the parking brake.
2. Turn off the ignition and remove the ignition key. Maintain control of the ignition key until repairs are completed. Attach a notice, "DO NOT USE", to the ignition switch in order to prevent activation of the systems.

** WARNING**

- **REMOVE ALL JEWELRY BEFORE WORKING ON OR NEAR BATTERIES OR ELECTRICAL CIRCUITS.**
- **DO NOT OPEN THE INVERTER CASE.**
- **THE INVERTER STORES ELECTRICAL ENERGY THAT CAN CAUSE SERIOUS INJURY OR DEATH. DO NOT INSERT ANY METAL OBJECTS THROUGH OPENINGS IN THE INVERTER CASE.**

(Continued on next page)

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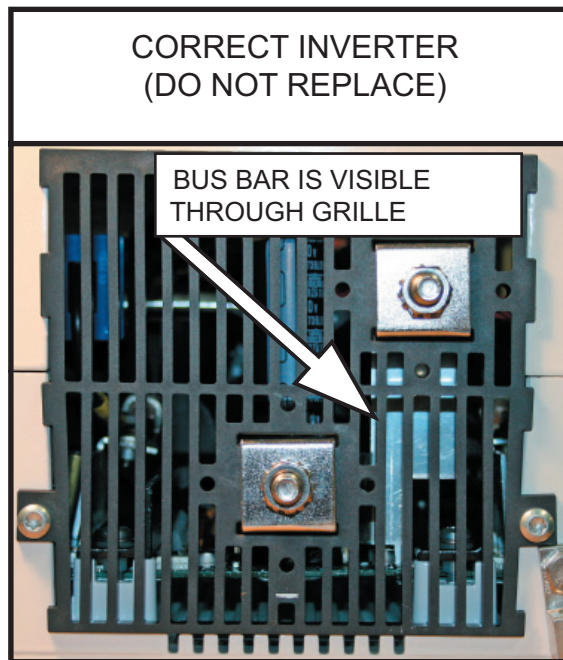


Figure 1

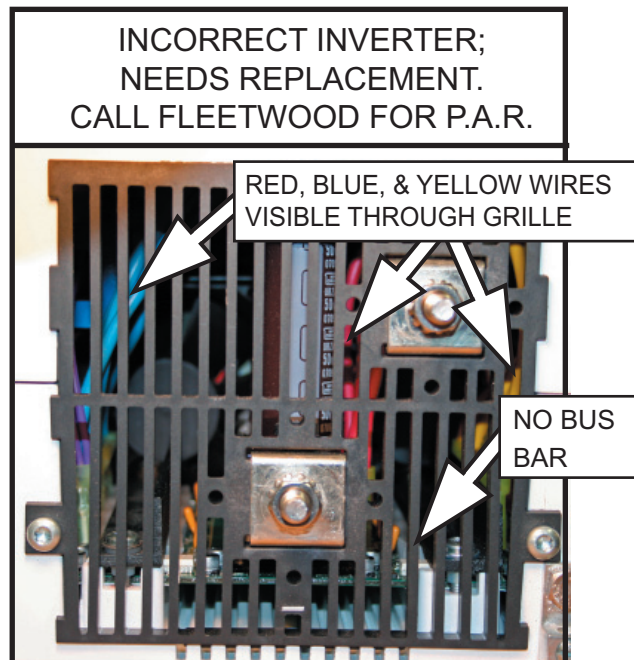


Figure 2

NOTE: The orientation of the images in Figures 1 and 2 and the orientation of the motor home inverter may differ due to mounting position of inverter installation.

3. Open the motor home's electrical compartment containing the Magnum inverter and look through the grille covering the inverter's circuitry:
 - A. If a bus bar can be seen through the grille, as shown in Figure 1, the inverter is correct and no further action is necessary.
 - B. If red, yellow, and blue wires are visible, AND a bus bar is NOT visible, as shown in Figure 2, the inverter must be replaced. Contact Fleetwood Dealer Technical Support for a Prior Authorization Request (P.A.R.), then proceed with the Correction, "Replacing the Magnum Inverter", on Page 3.

NOTE:

- It may be necessary to use a flashlight to perform the inspection.
- Call Fleetwood Dealer Technical Support if difficulty is experienced in determining whether or not the inverter needs to be replaced.

Fleetwood Motor Home Dealer Technical Support (800) 816-9825

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CORRECTION: Replacing the Magnum Inverter

Perform Steps 4-20 only if the Magnum inverter has been determined to be defective according to Step 3 and after obtaining a Prior Authorization (P.A.R.) from Fleetwood Dealer Technical Support.

⚠ WARNING

- **UNPLUG THE MOTOR HOME FROM SHORE POWER.**
- **TURN OFF THE GENERATOR AND DISABLE THE AUTO-GEN-START SYSTEM (IF EQUIPPED).**
- **REMOVE ALL JEWELRY BEFORE WORKING ON OR NEAR BATTERIES OR ELECTRICAL CIRCUITS.**

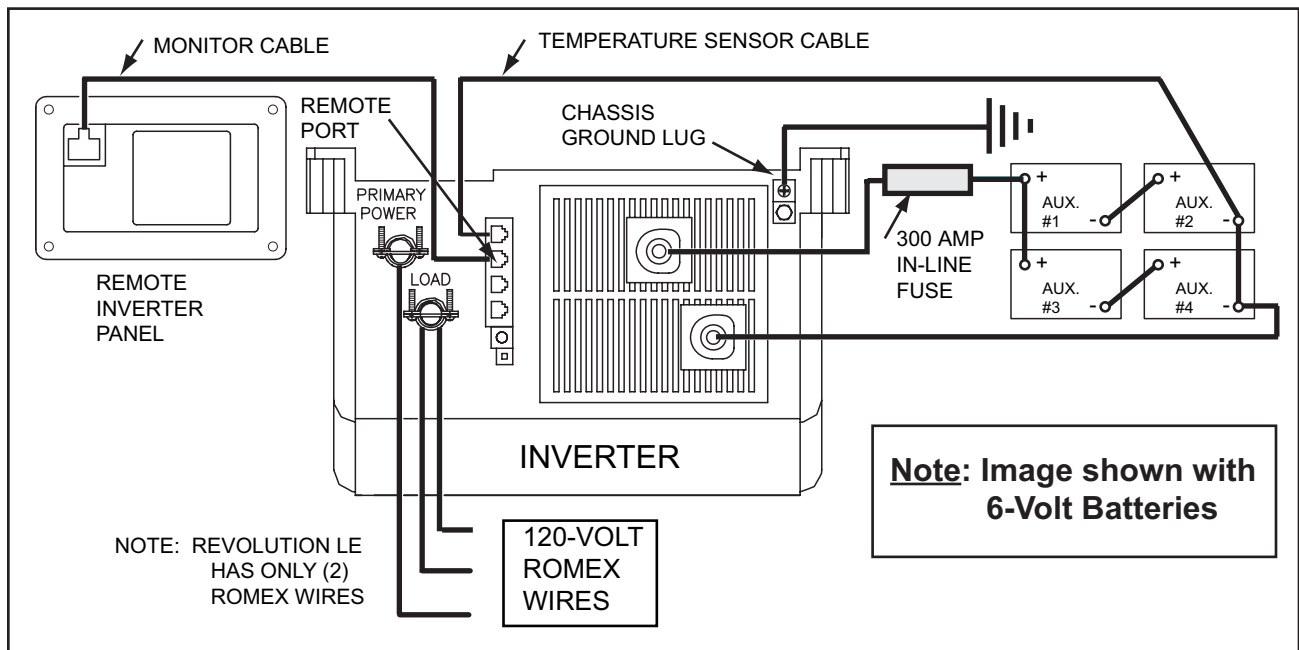


Figure 3

4. Locate the 300 Amp in-line fuse on the auxiliary battery positive cable. Disconnect the battery positive cable from the inverter side of the 300 Amp in-line fuse. See Figure 3.
5. Label and then disconnect the battery cables from the front of the inverter. See Figures 3 and 4.
6. Label and then disconnect the temperature sensor cable and the monitor cable from the front panel of the inverter. See Figures 3 and 4.
7. Loosen the Romex cable clamps for the 120 Volt wires. See Figures 3 and 4.

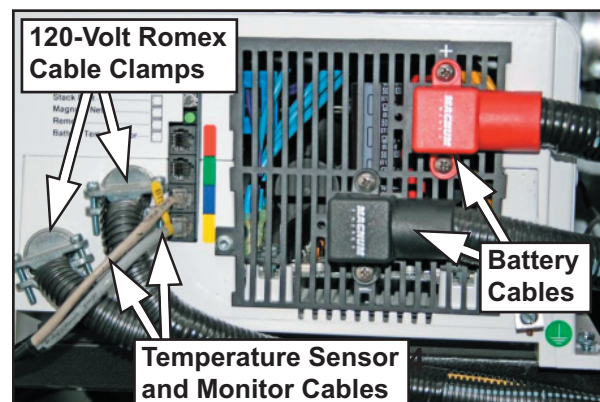


Figure 4

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8. Open the access panel for the 120 Volt electrical connections on the side of the inverter that is nearest to the Romex cable clamps.
9. Label each of the 120 Volt electrical wires for later reassembly.
10. Remove wire nuts and disconnect all 120 Volt wires from the inverter leads. Discard wire nuts. Pull the wires out of the inverter.
11. Disconnect the #6 copper ground wire attached to the exterior of the inverter case.

** CAUTION**

THE INVERTER IS VERY HEAVY; USE CARE IN HANDLING AND MOVING.

12. Remove the mounting hardware for the inverter and retain for installation of the new inverter.
13. Remove the original inverter and return to Fleetwood with the warranty claim. Proceed with "New Inverter Installation", Step 14.

NEW INVERTER INSTALLATION:

14. Position the new inverter in the same location that the original inverter was mounted. Secure in place using original mounting hardware.
15. Connect the #6 copper ground wire, disconnected in Step 11, to the exterior of the new inverter case. Torque terminal to 40 in-lbs.
16. Open the access panel for the 120 Volt electrical connections. Route the 120 Volt wires, removed in Step 10, through the Romex clamps in the inverter case. Use generally accepted practices to connect the wires to the hot, neutral, and ground circuits of the inverter according to the labeling from Step 9.
17. Tighten the Romex cable clamps on the outside of the inverter and then close the access panel.
18. Connect the temperature sensor cable and the monitor cable to the front panel of the inverter.
19. Connect the battery cables to the front of the inverter. Torque battery cable fasteners to 10-12 ft-lbs. See Figure 3.
20. Reconnect the battery positive cable to the 300 Amp in-line fuse and torque to 120 in-lbs. See Figure 3.

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TOOLS:

1/4" Standard Screwdriver
#2 Phillips Screwdriver
1/2" Combination Wrench
7/16" Combination Wrench
7/16" Deep Socket with Ratchet
Needle Nose Pliers
1/2" Deep Socket
Torque Wrench, Capable of Measuring 120 Inch-Pounds
Torque Wrench, Capable of Measuring 12 Foot-Pounds

PARTS:

Order one (1) inverter according to the Descriptions listed below:

<u>Part Number</u>	<u>Description</u>	<u>Qty.</u>
521837	Inverter, Magnum, MS2000-20 B (Used for All Except Revolution & CSA) *	1
534200	Inverter, Magnum, MS2000 (Used for Revolution <u>Only</u>)	1
534201	Inverter, Magnum, MS2000-15 B (Used for CSA <u>Only</u>)*	1
Obtain Locally	Wire Nuts	As Required

- * Motor homes built according to CSA manufacturing standards are identified separately in the "Affected Motor Home Serial Numbers" section of this bulletin and require a Magnum model "MS2000-15 B" Inverter.

WARRANTY LABOR ALLOWANCE:

Replacement of Magnum Inverter

Note: Inverter replacement requires Prior Authorization (PAR). Inverters replaced under this Recall bulletin must be returned to Fleetwood with the warranty claim.

9199 - 11	0.10 hrs.	Inspected/Not Defective	
9199 - 12	1.50 hrs.	Inspected/Defective/Repaired	P.A.R. RP
9199 - 17	0.10 hrs.	Customer Unreachable	

*If you have any questions concerning the Bulletin, contact Fleetwood Dealer Technical Support at:
(800) 816-9825*

Fleetwood Service Literature is available at:
www.fleetwoodrvdealers.com

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Recall Bulletin 71221 - Affected Motor Home Serial Numbers

Bounder Diesel

(Built according to CSA standards)

* **NOTE:** The following four “Bounder Diesel” brand motor homes were manufactured according to CSA (Canadian) standards.

735H84401792

735N84401852

735F84402150

735F84402268

Bounder Diesel

735V84400412

735V84400414

735V84400415

735V84400451

735N84400733

735H84401214

735L84401341

735S84401853

735S84401854

735S84401855

735S84401856

735S84401857

735S84401858

735S84401859

735S84401860

735S84401861

735F84401918

735F84401919

735F84401920

735F84401921

735F84401922

735D84401944

735L84401985

735L84401986

735F84401993

735F84401994

735F84401996

735D84402012

735F84402076

735H84402078

735D84402080

735D84402082

735D84402083

735D84402084

735D84402085

735H84402145

735H84402146

735F84402147

735F84402148

735F84402149

735F84402151

735D84402152

735D84402153

735D84402154

735D84402155

735D84402156

735L84402198

735L84402199

735L84402200

735H84402201

735D84402220

735D84402221

735D84402222

735D84402223

735D84402224

735D84402265

735D84402266

735D84402267

735F84402269

735F84402270

735F84402274

735F84402286

735F84402289

735D84402315

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Recall Bulletin 71221 - Affected Motor Home Serial Numbers (continued)

Discovery (Built according to CSA standards)

* **NOTE:** The following four "Discovery" brand motor homes were manufactured according to CSA (Canadian) standards.

770R84401898
770X84402008
770X84402111
770R84402190

Discovery

770R84400329	770R84401508	770X84401800	770X84401931
770R84400331	770R84401509	770X84401801	770X84401932
770R84400462	770X84401523	770X84401803	770X84401933
770R84400464	770X84401528	770X84401804	770X84401934
770X84400538	770R84401579	770X84401863	770X84401935
770R84400737	770X84401583	770X84401864	770X84401936
770R84400748	770X84401680	770X84401865	770X84401937
770X84400855	770R84401732	770X84401866	770X84401938
770X84400858	770X84401738	770X84401867	770X84401939
770X84400871	770X84401739	770X84401870	770X84401940
770R84401080	770X84401740	770X84401871	770X84401941
770X84401144	770X84401742	770X84401873	770X84401943
770X84401147	770X84401743	770R84401895	770X84401998
770X84401206	770X84401744	770R84401897	770X84401999
770R84401207	770X84401745	770R84401899	770X84402000
770R84401208	770X84401746	770X84401923	770X84402001
770R84401209	770X84401747	770X84401924	770X84402002
770R84401253	770X84401748	770X84401925	770X84402003
770R84401256	770X84401749	770X84401926	770X84402004
770X84401259	770X84401750	770X84401927	770X84402005
770X84401267	770X84401751	770X84401928	770X84402009
770X84401445	770X84401799	770X84401930	770X84402062

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Discovery (continued)

770X84402069	770X84402118	770X84402132	770X84402209
770X84402070	770X84402119	770X84402177	770X84402210
770X84402071	770X84402120	770X84402178	770L84402293
770X84402107	770X84402121	770X84402179	770R84402295
770X84402108	770X84402122	770X84402180	770R84402296
770X84402109	770X84402123	770X84402181	770X84402307
770X84402110	770X84402124	770X84402182	770X84402308
770X84402112	770X84402125	770X84402183	770X84402309
770X84402113	770X84402127	770X84402184	770X84402311
770X84402114	770X84402128	770X84402185	770X84402312
770X84402115	770X84402129	770X84402186	770X84402313
770X84402116	770X84402130	770H84402187	
770X84402117	770X84402131	770H84402189	

Excursion

779R84400348	779X84401805	779R84401840	779X84402057
779R84400350	779X84401831	779R84401841	779X84402058
779X84400980	779X84401832	779R84401842	779X84402059
779E84401067	779X84401833	779X84401912	779X84402203
779X84401183	779X84401834	779X84401913	779X84402204
779E84401394	779X84401835	779X84401914	779X84402301
779E84401632	779X84401836	779R84401987	779X84402303
779R84401645	779E84401837	779R84401989	779X84402305
779R84401646	779E84401838	779R84401990	
779X84401771	779R84401839	779X84402055	

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Recall Bulletin 71221 - Affected Motor Home Serial Numbers (continued)

Expedition

730H84400687	730D84401966	730D84402038	730F84402197
730H84401210	730D84401967	730D84402039	730D84402213
730H84401212	730H84401968	730D84402041	730D84402214
730V84401227	730H84401969	730H84402044	730D84402215
730L84401467	730H84401970	730F84402049	730D84402216
730S84401500	730H84401971	730D84402133	730D84402217
730H84401774	730H84401972	730D84402134	730D84402218
730L84401846	730H84401973	730D84402135	730H84402246
730L84401848	730S84401974	730D84402136	730D84402320
730L84401849	730S84401975	730D84402137	730D84402321
730L84401850	730S84401976	730F84402138	730D84402322
730D84401894	730F84401977	730F84402139	730D84402323
730F84401902	730F84401978	730F84402140	730F84402324
730F84401903	730F84401979	730F84402141	730F84402325
730F84401904	730F84401980	730F84402142	730F84402326
730F84401905	730L84401981	730F84402143	730F84402327
730V84401908	730L84401982	730H84402144	
730D84401965	730D84402037	730F84402194	

Providence

772E84400298	772E84401824	772R84401845	772X84402206
772X84400921	772E84401825	772X84401915	772X84402208
772R84401296	772X84401826	772X84401916	772X84402297
772R84401402	772X84401828	772X84401917	772X84402299
772R84401644	772X84401829	772X84402052	772X84402300
772X84401770	772R84401843	772X84402205	

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Recall Bulletin 71221 - Affected Motor Home Serial Numbers (continued)

Revolution LE

* NOTE: Refer to Parts list for identification of replacement inverter for all Revolution brand motor homes.

781E84400513	781N84402026	781K84402099	781R84402165
781N84401108	781N84402031	781K84402100	781K84402170
781R84401130	781N84402032	781K84402101	781K84402171
781N84401234	781N84402033	781N84402102	781N84402228
781R84401420	781N84402034	781N84402103	781K84402232
781N84401619	781E84402088	781N84402104	781K84402263
781E84401884	781K84402093	781N84402105	781K84402264
781E84402016	781K84402095	781E84402160	781K84402304
781N84402024	781R84402098	781R84402163	

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