

# NEWMAR CORPORATION WARRANTY DEPARTMENT

TECHNICAL SERVICE BULLETIN													
DATE ISSUED		MODEL YEAR(S) AFFECTED			MODEL(S) AFFECTED			TSB #					
5/27/99		1999			CLASS A'S			173					
BRAND					TYPE								
All	<input type="checkbox"/>	American Star	<input type="checkbox"/>	Kountry Star	<input checked="" type="checkbox"/>	Dutch Star	<input checked="" type="checkbox"/>	All	<input type="checkbox"/>	T T	<input type="checkbox"/>	F W	<input type="checkbox"/>
NewAire	<input type="checkbox"/>	Mountain Aire	<input checked="" type="checkbox"/>	Kountry Aire	<input type="checkbox"/>	London Aire	<input type="checkbox"/>	C A	<input checked="" type="checkbox"/>	D P	<input type="checkbox"/>	D B	<input type="checkbox"/>
<input type="checkbox"/> Air Conditioning & Heating					<input type="checkbox"/> Electrical Components								
<input type="checkbox"/> Appliances & Accessories					<input type="checkbox"/> Exterior Components								
<input type="checkbox"/> Cabinets & Furniture					<input type="checkbox"/> Interior Components								
<input type="checkbox"/> Chassis Components					<input type="checkbox"/> Plumbing & Bath Components								
<input checked="" type="checkbox"/> Construction Components					<input type="checkbox"/> Windows, Awnings, Vents, & Doors								
DESCRIPTION OF PROBLEM													
Exposed raw plywood on the driver side of the engine compartment. This only affects the new style F53 Ford V-10 chassis.													
RECOMMENDED SOLUTION													
Follow the attached instructions. If you have any questions, please contact your technical representative. Labor code number 15901801 – Engine compartment heat shield retrofit. Labor repair time: .7.													

If you have any questions regarding this T.S.B., please contact a Warranty Service Representative at Newmar Corporation.

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### INSTRUCTIONS

Here is a list of instructions to repair a section of the engine compartment where the cover metal was cut away allowing the compartment to be exposed to raw wood. This is an area found just right of and behind the driver side gas pedal inside the engine compartment.

- 1.) Remove engine cover from inside the motorhome. Locate the area near the gas pedal for the repair as seen on print and picture illustrations.
- 2.) Use a mild detergent to remove any foreign material from the area of application. allow drying time to insure adhesive to make best contact.
- 3.) While Heat Shield is on flat surface, at crease already formed, bend the Heat Shield into a 90 degree angle toward the back side for pre-fit.
- 4.) From inside the unit, slide Heat Shield into place. Note that the start point is 1" past the pedal plate on the dog house perimeter. It is important that the Heat Shield is formed neatly between the fire wall and the emissions pipe located near the repair area.
- 5.) Remove the adhesive cover paper from the back of the Heat Shield very slowly while in place from back (nearest you) to front.
- 6.) Starting at the bottom, flatten and smooth the Heat Shield around the radius area leaving 2 1/2" on bottom covering.
- 7.) With material making good contact throughout take 5/8" washer head screw (#11870) with an 1 1/2" washer (#18851) and attach near top corners through the Heat Shield.(see illustration)
- 8.) From underneath engine location, install a set of the screws and washers in each corner on the small radius side through Heat Shield. (see illustration)

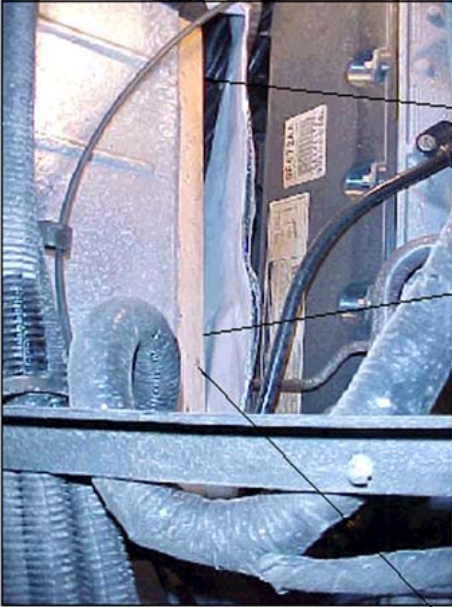
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### **F-53 FORD CHASSIS TECHNICAL BULLETIN PARTS LIST**

- 1.) 1/4" foil faced foam with PSA (part #38091 vendor part #NCB) 1 pc. required.
- 2.) Round wash x QDX x 8 x 5/8 x ZINC screws (part #11870 vendor part #858RWQAZ) 4 pcs. required.
- 3.) Washer Fender 1/4 x 1 1/2 ZINC washers (part #18851 vendor part #14 FW 112-116Z) 4 pcs. required.

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2) USE A MILD DETERGENT TO REMOVE ANY FOREIGN MATERIAL FROM THE AREA OF APPLICATION. ALLOW DRYING TIME TO INSURE ADHESIVE TO MAKE BEST CONTACT.



1) REMOVE ENGINE COVER FROM INSIDE THE MOTORHOME. LOCATE THE AREA NEAR THE GAS PEDAL FOR THE REPAIR AS SEEN ON PRINT AND PICTURE ILLUSTRATION.

THIS APPLIES TO ALL F-53 CHASSIS  
BUILT FROM MARCH 98 THROUGH JANUARY 99

<b>NEWMAR CORP</b> P.O. Box 80, Nappanee, IN 46550 Title block--1-2/08	Model: <b>F-53 CHASSIS</b>	Sheet <b>1 OF 6</b>	Drawn by: <b>STEVE M</b>	Checked by:  	Revision:  	By:  
	Title: <b>HEAT SHIELD ASSEMBLY</b>	I.D.# <b>MISC19A</b>	Date: <b>4/13/99</b>	Date:  	Revision:  	By:  

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3) WHILE HEAT SHIELD IS ON FLAT SURFACE, AT CREASE  
ALREADY FORMED, BEND THE HEAT SHIELD 90 DEGREE ANGLE  
TOWARD THE BACK SIDE FOR PRE-FIT.

THIS APPLIES TO ALL F-53 CHASSIS  
BUILT FROM MARCH '98 THROUGH JANUARY '99

<b>NEWMAR CORP</b> P.O. Box 80, Nappanee, IN 46550 Title Block--1-24JTB	Model: <b>F-53 CHASSIS</b>	Sheet <b>2 OF 6</b>	Drawn by: <b>STEVE M</b>	Checked by:	Revised:	By:
	Title: <b>HEAT SHIELD ASSEMBLY</b>	I.D.# <b>MISC\9\</b>	Date: <b>4/13/99</b>	Date:	Revised:	Date:
		RECALL				



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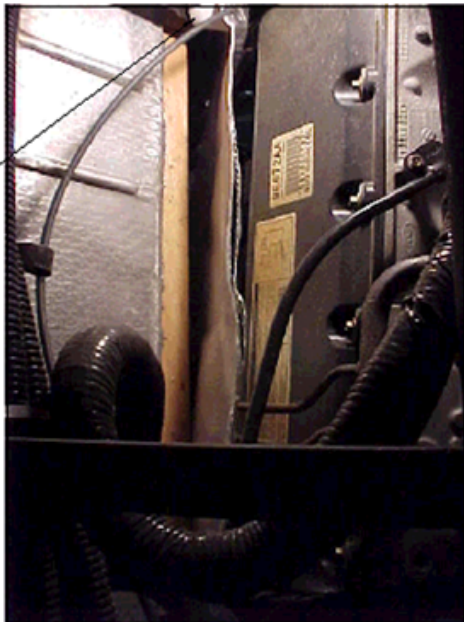
4) FROM INSIDE THE UNIT, SLIDE HEAT SHIELD INTO PLACE. NOTE THAT THE START POINT IS 1" PAST THE PEDAL PLATE ON THE DOG HOUSE PERIMETER. IT IS IMPORTANT THAT THE HEAT SHIELD IS FORMED NEATLY BETWEEN THE FIRE WALL AND EMISSIONS PIPE LOCATED NEAR THE REPAIR AREA.

THIS APPLIES TO ALL F-53 CHASSIS  
BUILT FROM MARCH '98 THROUGH JANUARY '99

Model:	F-53 CHASSIS	Sheet	3 OF 6	Drawn by:	STEVE M	Checked by:	Revisions:	By:	Date:
Title:	HEAT SHIELD ASSEMBLY	ID:	MISC\9A	Date:	4/13/99	Date:	Revisions:	By:	Date:
Title block--1-2141TB									

# NEWMAR CORPORATION WARRANTY DEPARTMENT

BEGIN TO PULL BACK FROM HERE.



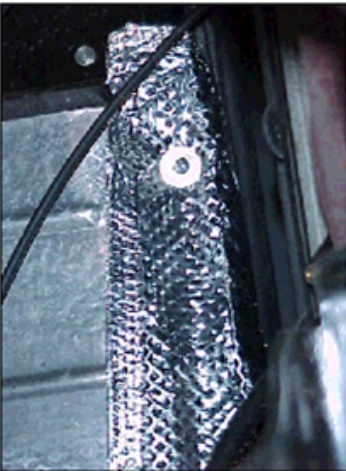
5) REMOVE THE ADHESIVE COVER PAPER FROM THE BACK OF THE HEAT SHIELD VERY SLOWLY WHILE IN PLACE FROM BACK (NEAREST YOU) TO FRONT.

6) STARTING AT THE BOTTOM, FLATTEN AND SMOOTH THE HEAT SHIELD AROUND THE RADIUS AREA LEAVING 2 1/2" ON BOTTOM COVERING.

THIS APPLIES TO ALL F-53 CHASSIS  
BUILT FROM MARCH '98' THROUGH JANUARY '99'

NEWMAR CORP P.O. Box 80, Nappanee, IN, 46550 Title block--1-26118	Model:	F-53 CHASSIS	Sheet	4 OF 6	Drawn by:	STEVE M	Checked by:	Revision:	By:
	Title	HEAT SHIELD ASSEMBLY	LD #	MISC19A RECALL	Date:	4/13/99	Date:	Revision:	Date:

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7) WITH MATERIAL MAKING GOOD CONTACT  
THROUGHOUT TAKE 5/8 WASHER HEAD SCREW  
(#11870) WITH AN 1 1/2 WASHER (#18851) AND  
ATTACH NEAR TOP CORNERS THROUGH THE HEAT  
SHIELD. <SEE ILLUSTRATION>

8) FROM UNDERNEATH ENGINE LOCATION,  
INSTALL A SET OF THE SCREW AND WASHER  
IN EACH CORNER ON THE SMALL RADIUS  
SIDE THROUGH HEAT SHIELD.  
<SEE ILLUSTRATION>

THIS APPLIES TO ALL F-53 CHASSIS  
BUILT FROM MARCH 98' THROUGH JANUARY 99'

<b>NEWMAR CORP</b> P.O. Box 80, Nappanee, IN 46550 Title block--1-2608	Model:	F-53 CHASSIS	Sheet	5 OF 6	Drawn by:	STEVE M	Checked by:	Revision:	By:
	Title	HEAT SHIELD ASSEMBLY	LO #	MJSL9\	Date:	4/13/99	Date:	Revision:	Date:



# NEWMAR CORPORATION WARRANTY DEPARTMENT



THE FINISHED PRODUCT

THIS APPLIES TO ALL F-53 CHASSIS  
BUILT FROM MARCH '98 THROUGH JANUARY '99

<b>NEWMAR CORP</b> P.O. Box 80, Nappanee, IN, 46550		Model: <b>F-53 CHASSIS</b>		Sheet <b>6 OF 6</b>	Drawn by: <b>STEVE M</b>	Checked by:	Revision:	By:
Title: <b>HEAT SHIELD ASSEMBLY</b>		LO # <b>MISC19\</b>		Date: <b>4/13/99</b>		Date:	Revision:	Date:
Title block--1-26018		RECALL						Date: