

NEWMAR CORPORATION WARRANTY DEPARTMENT

TECHNICAL SERVICE BULLETIN							
DATE ISSUED	MODEL YEAR(S) AFFECTED	MODEL(S) AFFECTED	TSB #				
2/24/00	Motorized	2000	199				
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 checked="" type="checkbox"/>	C A <input checked="" type="checkbox"/>	D P <input checked="" type="checkbox"/>	D B <input checked="" type="checkbox"/>	
<input checked="" 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 type="checkbox"/> Construction Components				<input type="checkbox"/> Windows, Awnings, Vents, & Doors			
DESCRIPTION OF PROBLEM							
Availability of Evans Tempcon refrigerant hose splice kit.							
RECOMMENDED SOLUTION							
See attached information.							

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

72185 COUNTY ROAD 3
NAPPANEE, IN 46550

NEWMAR CORPORATION WARRANTY DEPARTMENT

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FAX 219.773.2007



TEMPCON

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Grand Rapids, MI. 49504
Telephone (616) 361-2681
Fax (616) 361-9646

SERVICE BULLETIN

020700

DATE FEBRUARY 7, 2000
TO MARK NISSLEY, DUANE CASTEEL—NEWMAR
SUBJECT NEW REFRIGERANT HOSE SPLICE, P/N RV218669

EVANS TEMPCON IS PLEASED TO ANNOUNCE THE AVAILABILITY OF A REFRIGERANT HOSE SPLICE KIT FOR REPAIRS TO 3/4" I.D. THIN-WALL SUCTION HOSE.

THIS PRODUCT, IN MANY CASES, WILL ELIMINATE THE NEED FOR TOTAL REMOVAL AND REPLACEMENT OF A DAMAGED HOSE, THUS SIGNIFICANTLY REDUCING REPAIR TIME AND EXPENSE. SEE THE ATTACHED DRAWING AND INSTRUCTION SHEET FOR SPECIFICS.

THIS PRODUCT SHOULD BE ORDERED AS PART NUMBER RV218669, WHICH WILL INCLUDE ONE (1) SPLICE AND ONE (1) INSTRUCTION SHEET.

PLEASE SEE THAT COPIES ARE PROVIDED TO THE APPROPRIATE PERSONNEL(IE SERVICE, WARRANTY, ETC) IN YOUR ORGANIZATION.

CONTACT YOUR CUSTOMER SERVICE REPRESENTATIVE IF YOU HAVE ANY QUESTIONS.

Internal distribution: Wood, Noroozi, D. Leys, Schultea, Cushway, Hawrysz, Red Rocket Sales Group, Encore Distributors

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EX012647 Repair Splice Instructions

12/13/99 DC

RV218669 Repair Splice Package for Evans 3/4" Thin-wall Suction Hose

Many Evans pusher chassis A/C systems are equipped with a 3/4" I.D. suction hose assembly. This "thin-wall" barrier hose assembly is routed along the chassis frame, from the evaporator outlet port, to the compressor inlet port. Routing is typically along the curb-side frame rail, with other hoses and wiring. If this suction hose assembly becomes damaged, total removal and replacement is often the only option, and can be difficult.

In some situations, a damaged section of the hose may be accessible for repair. It is then possible to cut out the damaged section, and reconnect the two ends with a splice fitting. If the following conditions are met, a splice repair is permitted:

- * You must have a portable hose crimper capable of "on-vehicle" repairs. The familiar # 12 crimping dies for conventional 5/8" thick-wall hose, are the correct dies to use with the new 3/4" thin-wall hose.
- * **The Evans RV011763 crimp-type splice fitting must be used**, and is designed for the new 3/4" hose. The familiar old "barb-type" splice fittings with hose clamps are not compatible, and will leak and fail under pressure!
- * There must be adequate hose slack to allow splicing, after the damaged section has been cut out. A longer section of hose can also be replaced, if you have 2 splice fittings and a length of new hose.

The procedure for making a correct hose splice repair follows:

1. Thoroughly clean the exterior hose surfaces around the damaged area. Dirt, debris, or foreign material must not enter the A/C system, when the damaged section of hose is cut out.
2. Use hose cutting snips or a razor knife, to achieve straight "square-cut" hose ends. Do not cut the hose until you are ready to install the splice, and complete the repair. This will minimize A/C system exposure to air and moisture, when the hose ends are open.
3. Use a light coating of refrigeration mineral oil to lubricate the inside surfaces of the two hose ends, and the splice fitting insert pilots.
4. Push these hose ends fully into the splice fitting, until they bottom out in the crimp collars. Use the crimping tool to crimp both collars. Carefully inspect the completed splice joint and crimps.
5. Pressurize and leak-test the repair splice joint, and the remaining A/C system, before evacuation and re-charging with R-134a.

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