

NEWMAR CORPORATION WARRANTY DEPARTMENT

TECHNICAL SERVICE BULLETIN						
DATE ISSUED	MODEL YEAR(S) AFFECTED	MODEL(S) AFFECTED	TSB #			
7/6/88	1987-1988	ALL	11			
BRAND		TYPE				
All <input type="checkbox"/>	American Star <input checked="" type="checkbox"/>	Kountry Star <input checked="" type="checkbox"/>	Dutch Star <input type="checkbox"/>	All <input checked="" type="checkbox"/>	T T <input type="checkbox"/>	F W <input type="checkbox"/>
NewAire <input type="checkbox"/>	Mountain Aire <input type="checkbox"/>	Kountry Aire <input type="checkbox"/>	London Aire <input type="checkbox"/>	C A <input type="checkbox"/>	D P <input type="checkbox"/>	D B <input 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						
Air flow in air conditioning installation.						
RECOMMENDED SOLUTION						
See attachment.						

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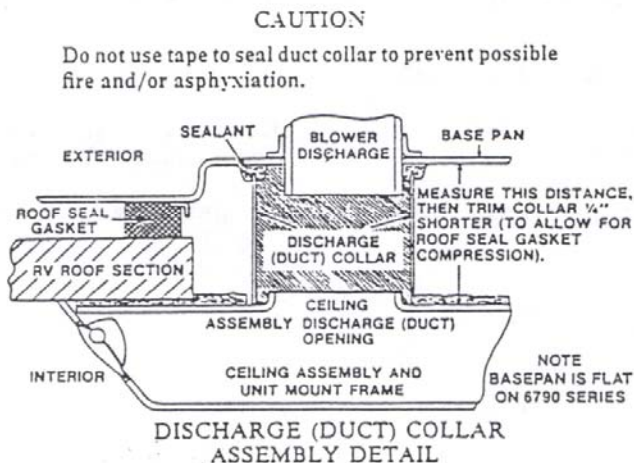


TECHNICAL SERVICES

TO: ALL RV O.E.M.'S
ALL RV DISTRIBUTORS
ALL RV SERVICE CENTERS
ALL RV SERVICING DEALERS
SELECTED COLEMAN RV PERSONNEL

SUBJECT: DUCT COLLAR INSTALLATION LENGTH

Air conditioning season is here and we are finding many installers who are improperly measuring duct collar length. Trimming the duct collar for a given air conditioner application is a very important exercise. Please refer to the application figure below.



Measure the distance between the bottom of the air conditioner base pan and the vehicle interior ceiling line. Take the aluminum duct collar and trim its height to the measured length less 1/4".

Trimming the duct collar too long can create the following problems:

1. Restricted discharge air flow due to the inward crushing of the duct collar walls.
2. Improper air conditioner base pan gasket compression.

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3. Excessive pressure and/or upward bending of the air conditioner base pan. This installation condition on Coleman dash (-) model Super Mach air conditioners may result in operation noise complaints. The blower housing (scroll) for the dash (-) model Super Mach evaporative discharge impellor sits on the base pan. Excessive pressure and/or upward bending of the air conditioner base pan can close the distance between the blower housing (scroll) cutoff and the discharge impellor. This movement (clearance reduction) may create an unacceptable air flow noise.

Trimming the duct collar too short can create the following problems:

- 1.. Thermostat short cycling.
2. Evaporative coil freezing - discharge air quickly mixing with return air which may push coil temperature below 32°.
3. Customer complaints - poor cooling performance.

R.V. CUSTOMER SERVICES
THE COLEMAN COMPANY, INC.

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