

# **1964 AIRSTREAM OWNERS MANUAL**

## **30' SOVEREIGN DOUBLE**



**A GUIDE TO  
HAPPY TRAILERING  
IN YOUR AIRSTREAM**

# Warranties

THIS  
MANUAL  
HAS BEEN  
ESPECIALLY  
ASSEMBLED FOR



AIRSTREAM TRAILER SERIAL NUMBER:

DELIVERED:

MODEL: 1964 SOVEREIGN DOUBLE 30 FT.

#### DIMENSIONS:

OVERALL LENGTH \_\_\_\_\_ 30'8"

OVERALL WIDTH \_\_\_\_\_ 96"

OVERALL HEIGHT \_\_\_\_\_ 106"

WEIGHT: 4,500 LBS.

HITCH WEIGHT: 400 LBS.

#### SPECIFICATIONS SUBJECT TO CHANGE

If and when new materials and production techniques are developed which can improve the quality of its product, Airstream, Inc., reserves the right to make changes in the specifications printed herein.

#### SPECIFICATIONS:

BRAKES \_\_\_\_\_ 2 SETS, KELSEY-HAYES ELECTRIC

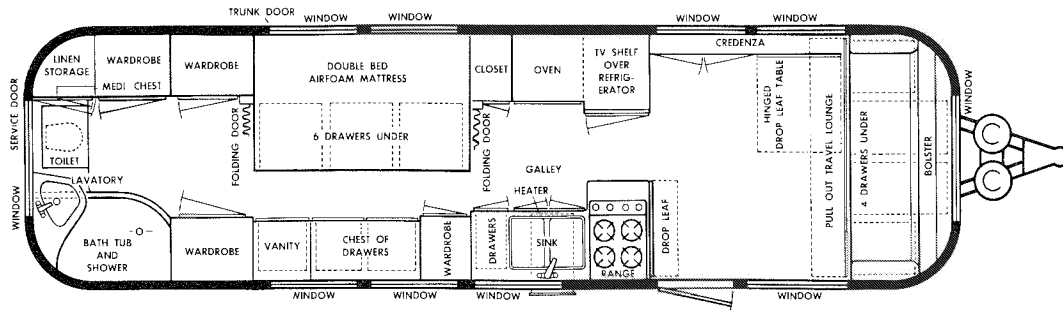
WHEELS \_\_\_\_\_ 4, 15" SPLIT RIM, TRUCK TYPE

TIRES \_\_\_\_\_ 4, 7:00 x 15, 6-PLY NYLON, WITH TUBES

BRAKE CONTROL \_\_\_\_\_ 1, 12-VOLT, KELSEY-HAYES

HITCH BALL \_\_\_\_\_ 1, 2" MARVEL

#### FLOOR PLAN:







## TABLE OF CONTENTS

	Page
Foreword .....	I
Factory Service Procedure.....	II
Wally Byam Caravans and Caravan Clubs.....	III
 <b>SECTION I — TRAVEL TRAILERING</b>	
Chapter 1 — Getting Acquainted with your Airstream.....	1-1
Chapter 2 — Getting Ready For The Road.....	2-1
Chapter 3 — Towing Your Airstream.....	3-1
Chapter 4 — Stopping For The Night.....	4-1
Chapter 5 — Making an Extended Stay.....	5-1
 <b>SECTION II — THE SELF-CONTAINED UTILITIES IN YOUR AIRSTREAM</b>	
Chapter 6 — The LPG (Liquid Petroleum Gas) System.....	6-1
Chapter 7 — The Range .....	7-1
Chapter 8 — The Refrigerator .....	8-1
Chapter 9 — The Space Heater .....	9-1
Chapter 10 — The Water Heater.....	10-1
Chapter 11 — The Electrical System.....	11-1
Chapter 12 — The Water System .....	12-1
Chapter 13 — The Sewage System.....	13-1
 <b>SECTION III — MAINTAINING YOUR AIRSTREAM</b>	
Chapter 14 — Exterior Maintenance .....	14-1
Chapter 15 — Interior Maintenance .....	15-1
Chapter 16 — Winterizing .....	16-1
Chapter 17 — The Running Gear .....	17-1



# oreword

*When you took delivery on your new Airstream, the dealer explained to you the operation of all of the appliances and systems in your trailer, and gave you some tips on getting more fun out of travel trailering. This Manual will serve two purposes: It has tips on travel trailering drawn from the experiences of tens of thousands of people like you . . . who have taken their Airstreams into every corner of the earth. In addition, it contains operating and maintenance instructions which you will want to refer to from time to time to supplement the instructions your dealer gave you.*

*When you bought your Airstream you not only received the finest travel trailer ever built, you entered a new way of life . . . a way of life filled with new friends and adventures to come. Those who travel the byways of the world in their Airstreams are called Caravanners and they never say "Goodbye," they simply say "We'll be seeing you on the road."*



## FACTORY SERVICE

Airstream's policy has always been to provide the highest degree of service for Airstream owners. To this end Airstream originated the lifetime guarantee in the travel trailer industry.

Your Airstream had a facsimile copy of the Airstream Lifetime Warranty posted in it when it left the factory. Upon your taking delivery the dealer should sign the return postcard in the place designated and mail it to the factory for proper registration of your warranty. The facsimile copy is for you to read so that you will understand the exact coverage of the warranty. As soon as the postcard is received, the permanent registered copy of the Warranty for your trailer will be sent to you.

If, and when, the occasion arises that you require service on your trailer, we suggest that you first contact your dealer. If the service is minor, or simply involves an adjustment, he will perform the service. Service and repair depots are listed under the various appliance sections of this catalog, which will provide service under their respective warranties.

If it is inconvenient for you to contact your franchised Airstream dealer, or if the service required is major, communicate directly with the Service Manager of the Airstream factory nearest you. If the service required is of an emergency nature, either Service Manager can be reached by telephone.

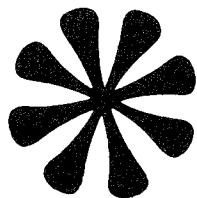
**Service Manager  
Airstream, Inc.**

**12804 E. Firestone Boulevard  
Santa Fe Springs, California 90670  
213-868-1751**

**or**

**Service Manager  
Airstream, Inc.**

**Jackson Center, Ohio 45334  
513-596-7111**



Of course, each Airstream plant maintains a very complete Service Department to take care of your major service needs. But in order to service our customers most expeditiously, it is necessary that these service departments be operated on a scheduled appointment basis. Please communicate with either of the Service Managers when you intend to visit the factory for service and request an appointment. It is beneficial, also, to advise the Service Managers when you are unable to meet the appointment date.



## WALLY BYAM CARAVANS AND CARAVAN CLUBS

You are now an Airstream owner. The magic doors to fun, friendship and adventure are wide open to you . . . and the rich rewards are endless. You are now eligible to take part in all Wally Byam Caravans and Airstream Rallies. There are two rallies held annually; one in the West and one in the East and folks look forward to them with eager anticipation year after year.

As an Airstream owner, you are also eligible to make application for membership into the Wally Byam Caravan Club, the largest and most influential travel trailer club in the world. There are WBCC units and chapters throughout the United States and Canada. All operate autonomously, electing their own officers and setting their own dues. All new members are required to join through a local unit or chapter. (Legislation was adopted in 1962 stating that members-at-large would no longer be accepted). At the time your application is made, National dues are paid along with the Unit dues. At present National dues are \$3.00 per year per trailer. No Unit dues at this time exceed \$3.00 and no Chapter dues exceed \$5.00.

Some units and chapters get together for monthly Rallies while some have weekly Dutch-treat dinners in addition to their regular Rallies. In areas where weather does not permit year-around Rallies, the dinner meetings are very popular. This gives members a wonderful opportunity to keep in touch and to plan Rallies for the more seasonable times of the year. Officers, from International down to the Chapter level, are elected annually.

If you are interested in joining the Wally Byam Caravan Club (WBCC), get in touch with the secretary in your area. The name of each secretary is listed in the Headquarters Office (822 Niles Street, Bakersfield, California) and your letter will be forwarded.

The first Wally Byam Caravan was in 1951. Since then there have been 37 Caravans to most parts of the world. The annual Caravans to Canada and Mexico have become so popular, that in recent years we have conducted two Caravans each year to these neighboring countries.

Traveling with a Wally Byam Caravan teaches you how to travel in a foreign country as well as how to get the most enjoyment out of your Airstream. You travel with both, old and new Airstream owners; sharing experiences, learning from one another and enjoying a new kind of fellowship. On the Caravans and in the Club, you will make life-long friends — friends

who become closer and dearer to you than many you have known all your life. As Wally used to say: "You will never be alone or lonely."

Traveling with the Caravan offers many advantages; the security of group travel, recognition, and unusual opportunities to see special places and meet special people.

Many of these opportunities which would never be possible for individuals, are routine for the Caravan. The blue beret, the badge of Airstream ownership and identification for a Wally Byam Caravanner, is an open sesame to the bandbox of excitement and adventure.

Several months before a Caravan rolls, it is announced in the CARAVANNER, our monthly publication. A registration coupon is printed for your convenience, and everyone who registers receives a detailed bulletin telling about that particular Caravan, what to bring along, and how to prepare for it. When going to Mexico and Central America, such matters as insurance, tourist cards and other details connected with border crossings are all handled for you by the WBCC. When you go on a high adventure Caravan, such as one to Europe or Africa, all details are also taken care of for you. About all you have to do is get your passport and take your shots. Those are two items we can't do for you — or we would!

On every Wally Byam Caravan, the route is carefully planned and arrangements are made for parking, entertainment, tours, etc., long before the Caravan ever leaves. A day-by-day itinerary is planned and a copy indicating the mail stops is given to all Caravanners in advance.

Although Airstream provides a Caravan team consisting of a leader, recreation director, scout and service representative, the Caravan is actually run by committees made up of the Caravan members themselves. The Wally Byam Caravans are a family affair. Everyone participates and becomes a part of the great Airstream family. Each is an unforgettable experience.

Only Wally Byam Caravanners and WBCC members are entitled to the official Caravan numbers, and to be listed in the annual directory. The Club members receive their number from the Headquarters Office. The Caravanners who are not Club members receive their numbers at the rendezvous point before the caravan leaves.



The annual directory lists all WBCC members and Wally Byam Caravanners including names of those who have parking space available at home for fellow Airstream owners. It's really wonderful to be able to pull into the yard of a friend (even if you have never met) rather than have to hunt for a trailer park. The directory also lists the rally schedule for the year, all WBCC officers, those with Citizen Band radios, the WBCC Amateur Radio Club (hams) and a list of all Wally Byam Caravans.

The annual WBCC International Rally is held toward the end of June and the first week of July every year. Wally's birthday was July 4, and the first Rally was in the form of a huge birthday party for him, patterned after the international Rallies in Europe which he loved to attend. Until 1956, when the first Wally Byam Caravan attended the rally in Perpignan, France, Wally and Stella had been the only Americans present. Everyone had such a good time at this first big get-together held in the beautiful Ozarks that the club decided to make it an annual affair. Since then International Rallies have grown tremendously in size and scope. The 1963 International Rally in Bemidji, Minnesota, brought together over 2,000 Airstreams and 6,000 people. The 1964 New York World's

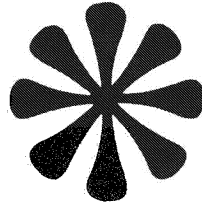
Fair Rally is expecting 3,000 Airstreams and over 7,500 happy people.

In all our Caravan and Club activities, the program is planned for all ages — from babes in arms to those in their nineties — but you would never guess that anyone was in that 90-year bracket.

Within the WBCC are square dance clubs, past presidents clubs, Citizen Band radio clubs, the ARCs (hams), special study groups, hiking and bird-watching groups, avid fishermen and boating enthusiasts.

Along with the fun, our Airstream owners recognize the need for better legislation regarding travel trailers; more overnight parking places, more sanitary stations for emptying septic tanks, etc. They're also quite alert to bills adverse to travel trailers. In this field, the WBCC has a strong National Legislative Committee, and we are justly proud of their accomplishments.

When you bought your Airstream, you not only bought the prestige travel trailer in America, but truly a whole new way of life. Enjoy it! Many new friends are waiting to be made . . . new interests are waiting to be found . . . new adventures are waiting to be discovered. We're happy to welcome you into our Airstream family.



**TRAILERING  
IN YOUR  
AIRSTREAM**

## CHAPTER 2

# GETTING READY FOR THE ROAD

### YOUR CAR

Since your Airstream is designed and built for easy towing, almost any car has enough power and weight to tow it under level dry conditions. However, experience has proved that a heavier car is advisable for towing under difficult weather conditions and on hills. A heavier car will also help you maintain complete control on slippery downgrades.

### WEIGHT-TO-HORSEPOWER RATIO

From the experience of thousands of trailer travellers, Airstream engineers have developed a "weight-to-horsepower" ratio to serve as a guide for matching tow cars to Airstreams. To obtain this ratio, add the weight of the trailer to the advertised weight of the automobile and divide by the advertised horsepower of the automobile.

Example: To determine the weight-to-horsepower ratio for a 250 horsepower Ford sedan weighing 3829 pounds and a 26-foot Airstream weighing 3950 pounds, the formula would read:

$$\frac{3950 + 3829}{250} = 31.12 \text{ pounds per horsepower}$$

Experience has shown that the practical upper limit for most road conditions is 60 pounds per horsepower. Anything in the range of 30-40 pounds per horsepower is very adequately powered with any lower ratio being a "hot rod."

Transmission can be manual or automatic as you prefer. For rugged country use, a manual shift may actually be easier to drive, but any automatic transmission is sufficient to tow your Airstream.

### THE HITCH

The hitch is an all-important item. Your dealer will advise you on the best make for your particular car, but in all cases be certain that a frame mounted hitch is used. A leveling type hitch (there are several makes on the market) allows the weight of the trailer hitch to be evenly distributed over all four wheels of the car. It provides, in addition, a certain amount of anti-sway protection. Installation of the hitch is crucial and should be attempted only by a competent man who is thoroughly familiar with structural welding. Your dealer should either make the installation for you, or will supervise and inspect it. When installed, the top

of the hitch ball should be approximately 19" from the ground, with the car level and not attached to the trailer. If this dimension is maintained the car and trailer will be level.

### THE ELECTRICAL CONNECTIONS

A seven-conductor auto cord wiring system is used to connect your Airstream to your car. Through a single, locking, polarized connector your trailer battery will be charged, its brakes will be operated and the running and signal lights will be activated simultaneously with those on your car. Figure 2-A is a diagram of the connector used on your trailer.

Your Airstream is equipped with Kelsey-Hayes two-shoe adjustable brakes . . . the finest trailer brakes available. To insure proper operation your car should be equipped with a genuine Kelsey-Hayes controller and resistor. Your Airstream dealer will either make the installation, or supervise and road test it for you. If you have any other controller already on your car have it removed and the Kelsey-Hayes controller which came with your Airstream installed.

### ACCESSORIES FOR YOUR CAR

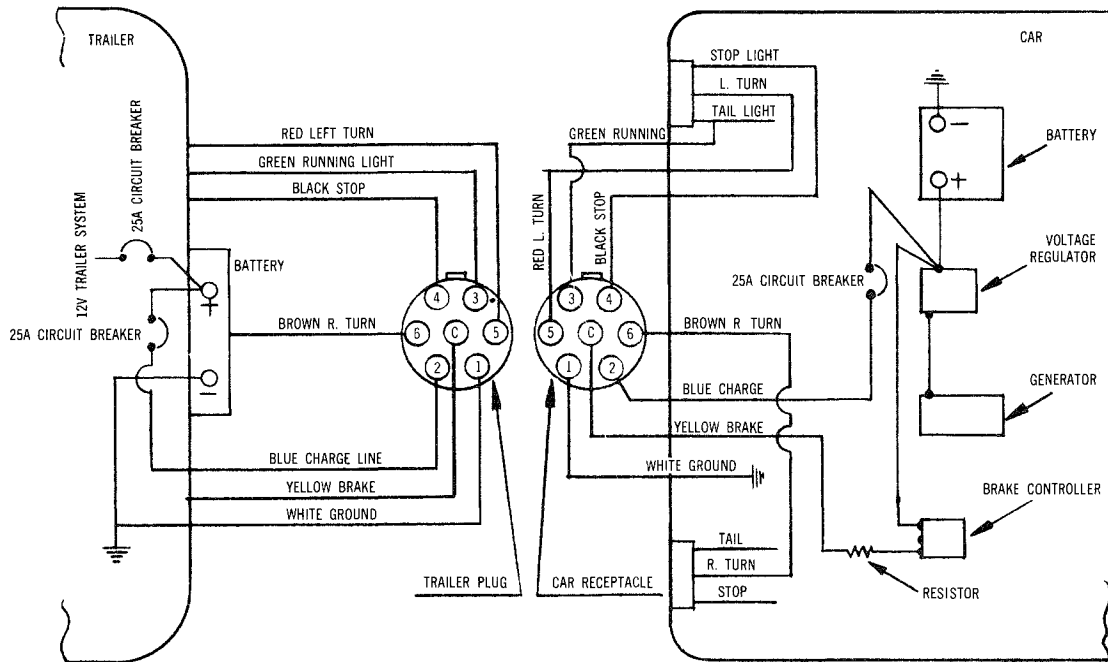
A truck or trailer type rear view mirror is required by law in most states. This is to allow you to see out past the trailer. Several good makes are available from your dealer.

If your car has an automatic transmission and you intend to travel through mountainous country, you may wish to have a transmission oil radiator such as the Hayden Trans-Cooler installed to help your engine and transmission to run cooler and prevent possible damage. This is available through your Airstream dealer.

### OUTFITTING YOUR TRAILER

Outfitting your Airstream, that is converting the bare vehicle you bought from the dealer into a comfortable home, is very similar to outfitting any home or apartment. Your Airstream is completely furnished, but there are many little personal touches you will want to add. Since your Airstream will be subject to the vibration and bumps of the road, anything that is attached should be done so firmly. A small hand drill should be used to drill holes in the aluminum inner

SEVEN CONDUCTOR AUTO CORD WIRING DIAGRAM



Note: Polarity of trailer battery must match polarity of car battery. E. G., if negative pole of car battery is grounded, then negative pole of trailer battery must be grounded.

FIGURE 2-A

walls and one-half inch No. 8 sheet metal screws, with flat binder heads, used to attach such things as hooks for clothing, book shelves, extra towel racks . . . those little accessories you "can't do without." Note: Always check polarity light after drilling through skin to make certain you have not drilled into a wire and caused a short.

## EQUIPMENT YOU SHOULD CARRY

1. A first aid kit.
2. A tool box with an assortment of small hand tools such as screw drivers, hammer, pliers, wrenches, etc.
3. A tow rope.  $\frac{3}{4}$ " to 1" nylon is sufficient. At least 35 feet is recommended.
4. A lug wrench to fit your trailer wheel lugs.
5. A hydraulic jack for your trailer axle.
6. A set of stabilizing jacks.
7. A spare tire for your trailer.
8. A fire extinguisher.
9. Plastic buckets for carrying water (at least two).
10. Wheel blocks. These should be 4 blocks of wood approximately 7" square and 4" thick, slanted at one end to fit against the tire, to block the wheels when parked.
11. A hundred feet of  $\frac{5}{8}$ " water hose. (A "Y" connection is useful when you travel with others since it permits two trailers to be hooked together on one faucet.
12. 1 short (4 ft.) and 1 long (10 ft.) sewer hose and a coupler.
13. A 75' 3-wire electric cord with a 30 amp capacity to connect your trailer to outside sources, with grounding type 3-prong plug and receptacle.
14. A small spirit level (two will be helpful).
15. A flashlight.
16. A short handle shovel (the Army surplus G.I. type is satisfactory).
17. A pick or pry bar.
18. Axe.
19. A five gallon gasoline can.
20. A large funnel.
21. A folding chair for each person.
22. Cleaning equipment. Broom, mop, dust pan, mop bucket, sponges, etc.
23. Road emergency flares.

In addition to the above, you will find many other accessories to make your trailering more enjoyable, available at Wally Byam Stores and your trailer dealer. As you travel you will develop your outfit to suit your particular trailering needs.

## **LOADING YOUR AIRSTREAM**

When you took delivery of your Airstream, you received a trailer that was the result of millions of miles of road testing and towing in every clime and terrain. The center of gravity and the weight placed on your car's hitch has been precisely calculated to provide the easiest possible towing. You can maintain this easy-towing trim by following two basic rules.

1. Keep your trailer as light as possible.
2. Distribute the weight evenly.

The amount of baggage and personal gear that you take is determined by how you like to travel and where you will be traveling. However, every item that you take along is one more thing that you will have to stow before going on the road and will add just that much more weight which your car must pull. Regardless of what weight of personal belongings you take with you, always make certain that you maintain the perfect balance that has been built-in your Airstream. The loaded Airstream should have 12% to 15% of its total weight on the trailer hitch. A tongue that is too light can cause the front end to float and the trailer to weave at higher speeds. When it is too heavy it may prove too much for your car.

Your Airstream is designed with storage space arranged in such a way that if ordinary things are put in ordinary places the weight will come out about right. If you are carrying heavier items, place them

near, or just forward of, the wheels. Stow everything as low as possible to maintain your low center of gravity. Keep fragile things well forward of the axle as the front of the trailer is stabilized by the hitch, while the back will tend to bounce more.

Secure loose items left out in the open to prevent them from sliding around while you are towing your Airstream. Stack loose material such as chairs on the floor. Lash down smaller objects that are not put into a cabinet. Place heavy loose items such as can goods in drawers near the floor.

The extra care that you take while you are loading your trailer will pay off in reduced strain on your car's engine and springs. This may not be too important on super highways, but a few hundred miles of ratty country road will prove the wisdom of loading your trailer properly. As you become a more experienced trailer traveler, you will undoubtedly pick up tricks such as using aircraft shock cord to lash down radios and other objects that you don't want to put in cabinets; placing hooks in strategic places so that the shock cord can be quickly attached. When packing your cupboards remember that a partially empty cupboard will permit the contents to move about and become damaged; it is better to have one full roof locker and one empty one than two which are half-filled.

Never carry pierced containers of liquid in the refrigerator; always make certain that all containers are tightly sealed. Liquids such as milk and juices should always be transferred to plastic containers with tight fitting caps. If you must carry paper cartons, place a sheet of heavy cardboard between the carton and the wire shelf to prevent the wires from wearing through the carton.

You are now ready for travel adventure.



## CHAPTER 3

# TOWING YOUR AIRSTREAM

### HITCHING UP

Hitching your Airstream to your car is something that will become almost second nature to you. You will develop your own technique with practice but there are a few tips, learned from experience, which will help you. The first thing to do is to jack up the trailer tongue until there is clearance for the hitch ball to slide under. Raise the locking lever on the hitch. The car now should be backed, straight back, to the hitch connection. This can be made easier by placing a strip of tape on the rear window of your car and another on the front window of your trailer. By sighting over these two strips of tape you will be able to line up the hitch with the hitch ball closely enough to make the hook-up by yourself. Of course, the job is much easier if you have the help of another person and use pre-arranged hand signals.

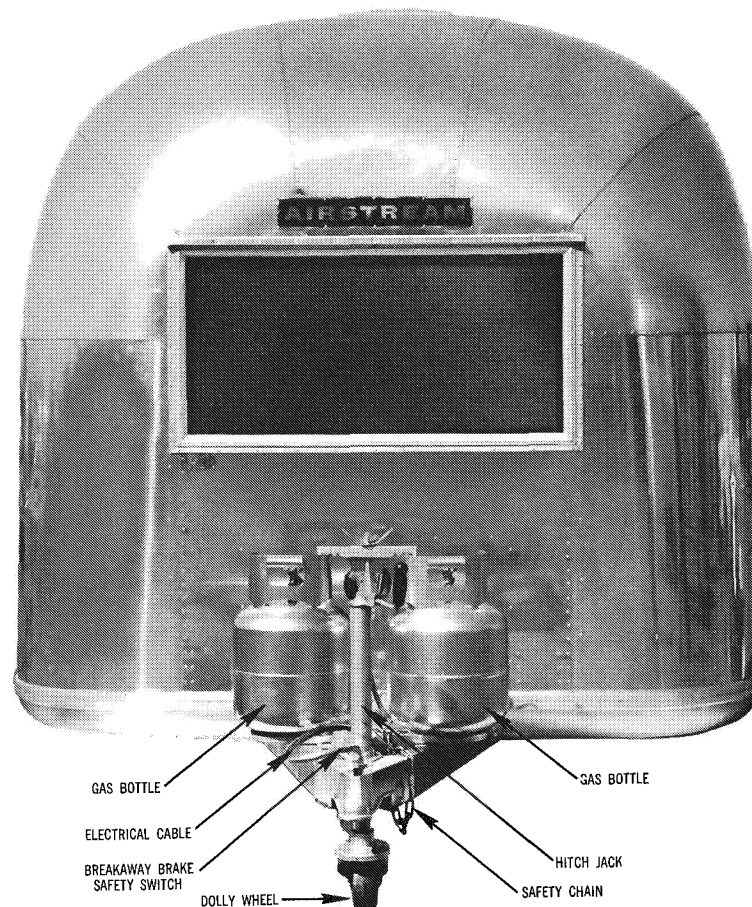
When you have lined up the ball under the hitch, screw the trailer jack down until the full weight of the trailer is on the ball. Drop the locking lever and place the safety bolt in the hole to prevent the lever from being accidentally lifted.

If you have a leveling type hitch on your car, jack up the trailer to the full height of the jack before pulling up the leveling bars. A little practice with your hitch will teach you how far to pull up the leveling bars to get the car and trailer level. *Always do this on level ground.*

Plug in the electrical light and brake connector. Check running, directional and stop lights.

Attach breakaway brake cable to car. Attach safety

FIGURE 3-A



chain to car. Note: In many states it is illegal to attach the safety chain to the hitch in front of the ball and for good reason. If there ever is an accident, the most logical failure would be at the ball. Always attach the safety chain to your car's frame or to the hitch at some other point.

Raise the hitch jack to its full height for maximum ground clearance. Remove the dolly wheel and stow it in your car's trunk or some other safe place. *Never tow your trailer with the jack down and the dolly wheel on.* The dolly wheel is not designed to be left on the jack and may fall off and become lost during travel.

Move the car ahead slowly and test the trailer brakes. Have someone verify the operation of your trailer's running and stop lights.

## BACKING YOUR AIRSTREAM

Backing your Airstream is really quite simple. The important thing to remember is to do everything slowly and to correct immediately if the trailer starts turning in the wrong direction.

Concentrate on the rear of your trailer. The first thing to do is to aim it in the direction in which you wish to back.

Grasp the steering wheel of your car at the bottom and while backing as slowly as possible turn the wheel in the direction you want the rear of your trailer to go (see figure 3-B). Watch, either in your side rear view mirror or by sticking your head out the window, until the rear of your trailer is pointing in the right direction. Next, while backing slowly, turn the steering wheel slowly in the opposite direction. Your car is now following the trailer in an arc (figure 3-C). If the trailer starts to jackknife or is not turning quickly enough, slowly correct the direction with the steering wheel or stop completely, pull forward a few feet and start again. When you want to change directions while backing turn your front wheels more sharply (figure 3-D). As soon as the rear of the trailer has turned in the right direction slowly turn the steering wheel in the opposite direction (figure 3-E) and follow the rear of your trailer around the new arc (figure 3-F). To go straight back pull the trailer forward until car and trailer are in a straight line. Put the car in reverse and back slowly making small corrections with the steering wheel as necessary to keep in the straight line (figure 3-G). If the trailer gets out of line, stop, move forward a few feet and start over again.

A few hours practice in a large parking lot or on a deserted road will make you an expert in backing your Airstream.

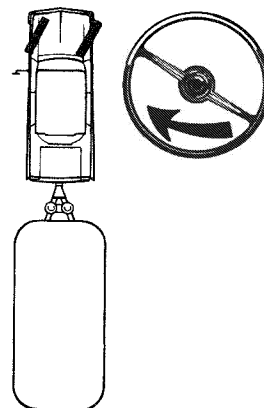


FIGURE 3-B

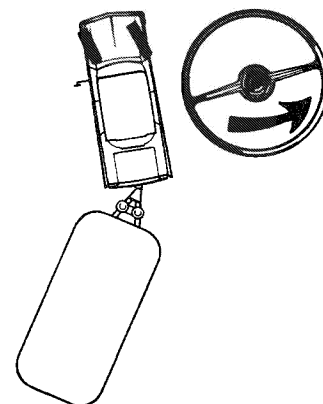


FIGURE 3-C



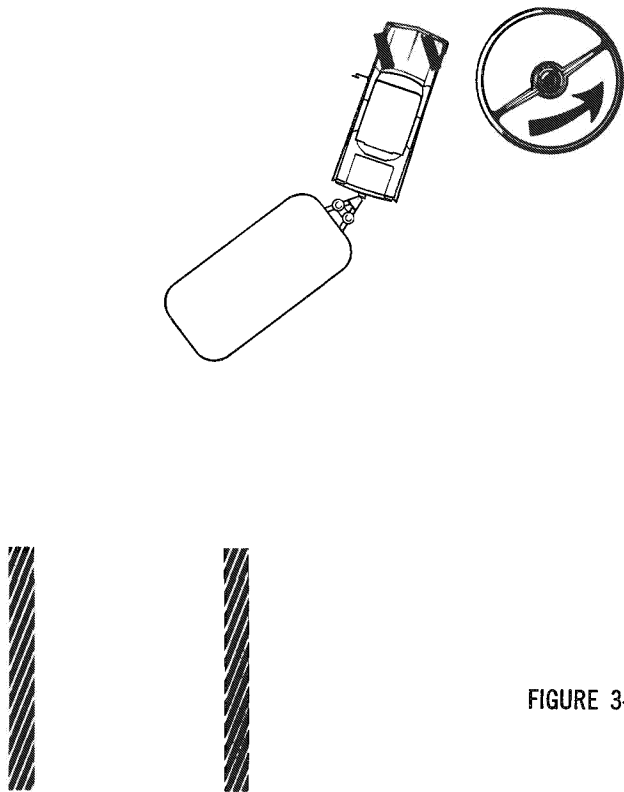


FIGURE 3-D

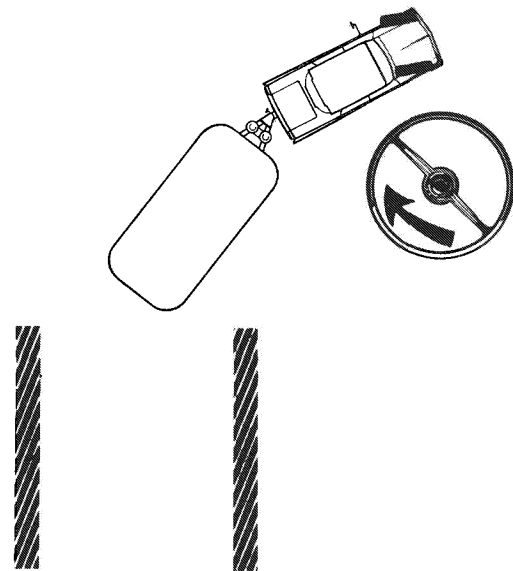


FIGURE 3-F

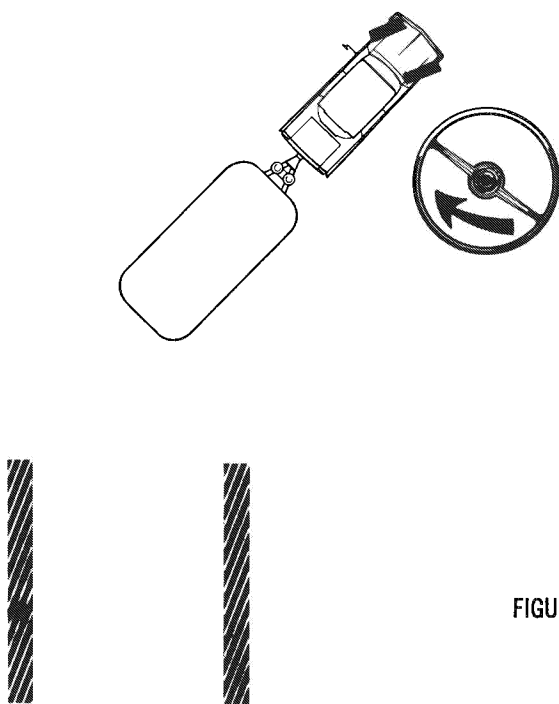


FIGURE 3-E

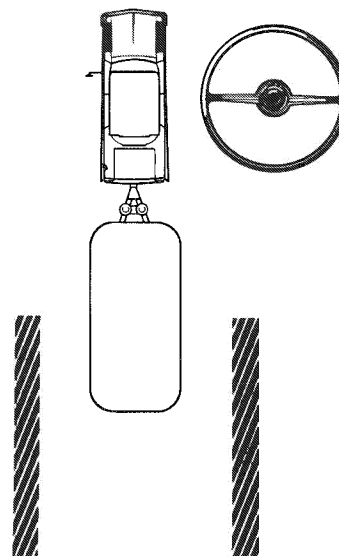


FIGURE 3-G

## TIPS ON TOWING YOUR AIRSTREAM

Before you start out, always make it a practice to go through the following check-list:

1. Disconnect and stow the electrical hook-up cord.
2. Disconnect and stow sewer hook-up hose.
3. Disconnect and stow water hook-up hose.
4. Turn off gas line shut-off valve (under top of range).
5. Check clearance, tail and stop lights.
6. Remove and stow leveling jacks and wheel chocks.
7. Check hitch to make certain it is properly attached by cranking down the hitch jack until the rear bumper of the car is raised about a foot above normal.
8. Raise jack to full height, remove and stow dolly wheel.
9. Close windows and vents. Lock door.
10. Pull up the step.

Experienced trailer travelers make it a habit to move their rig ahead about 50 feet, stop, get out and walk back and check the ground where the trailer has been standing. This practice can save you countless dollars and annoyances from lost tools and other gear.

The key to towing any trailer is to do it smoothly. Starting and stopping slowly and smoothly saves gas, wear on your car and prevents damage to the gear stowed in your trailer. Your Airstream is designed to be towed at any legal speed that is safe for your car alone and you will find that your Airstream tows and follows your car so effortlessly you may soon forget it is behind you. Never permit yourself to do this. When you are towing the trailer you should always maintain an interval with the car in front of you of at least a car and trailer length for every 10 miles per hour of speed. This gives you ample time to stop in the event of an emergency and permits drivers behind you to pass and get back into your lane safely. Remember, when you pass another vehicle that you will require a little longer than usual to accelerate and that you must allow for the length of the trailer when returning to your lane. Try to pick the lane in which you want to travel and stay in it.

You will substantially increase your gas mileage if you can avoid unnecessary starting and stopping. Before you come to stop signals, slow down and time it so that you will not have to stop completely. Take a tip from professional drivers when rounding turns; instead

of staying at full speed and then putting on the brakes, slow down well in advance of the turn, enter it at reduced speed, then accelerate smoothly as you come out again onto the straight-away.

When going up a long grade, shift into a lower gear well in advance of when your engine labors. When going down a hill, use a lower gear, or a lower range if you have an automatic transmission, so that the compression of the car engine will help slow your whole rig.

When you are stopping on slippery pavement however, never use engine drag to help you slow down because the drag on the rear wheels may cause skidding and jackknifing. When stopping on slippery pavement, using your trailer brakes slightly in advance of your car's brakes will prevent any tendency to skid and jackknife. Chains don't do any good on trailers. When driving on icy roads take it slowly and if it feels that the car is skidding, gently apply the trailer brakes to keep the trailer and the car in a straight line.

When stopping on dry and normal pavement, applying your Airstream brakes simultaneously with your car's brakes will stop your entire rig in approximately the same distance that your car's brakes will stop your car alone. When stopping on a hill or slight grade, if leaving the car in gear is not sufficient to keep the outfit at a standstill safely, chock the wheels with a block of wood. Whenever you park your Airstream on a hill or slight grade and disconnect the car *always* block the wheels.

One of the hardest things on any trailer is the "thank you ma'am" — the sharp dip or depression in the highway such as you may encounter on cross streets where gutters continue through the intersection. This straight up-and-down thrust can very easily damage any item left loose in your trailer. Take dips and depressions slow and easy and be certain that the trailer as well as the car has passed them before resuming normal speed. If the rear end of the trailer drags bottom, it won't do any damage if you are traveling slowly.

To prevent overheating when driving in the mountains never let your car labor. Shift to a lower gear, or range if you have an automatic transmission, before it becomes absolutely necessary. Your car's ability to pull without becoming overheated is a function of the engine, your car's cooling system, the transmission, the weight of your trailer when loaded and the type of terrain over which you are traveling. A little practice will teach you your car's limits and it will pay you in time and money to stay within them to prevent the

heat damage to the engine and transmission.

When traveling through sand or mud always keep rolling; let your momentum carry the tow car and trailer through. Don't depend too much on the drive wheels. Stay in the rut of the car ahead, if possible, and keep your car in the highest possible gear. The easiest way to get a stuck outfit out of the sand or mud is by towing it out. Carry a length of rope or chain to attach to a passing car or truck for this purpose.

If you tow long distances over unimproved roads, the stones and gravel picked up by your tires and thrown

back can dent and scratch the beautiful aluminum finish of your Airstream. To prevent this, experienced trailer travelers use masking tape to secure heavy sheets of paper or plastic onto the lower front of their trailers.

Get into the habit of regularly checking the lug nuts on your tires and the tire pressure. Traveling over bumpy, rough roads can loosen lug nuts and if the wheel should come off it could cause severe damage to your Airstream. Experienced trailer travelers always check the condition of their tires, the tightness of the lug nuts and the tire pressure before "hitting the road."



## CHAPTER 4

# STOPPING FOR THE NIGHT

When you bought your Airstream you freed yourself from the tyranny of the timetable and the necessity of making reservations wherever you go. There is no end to the number and variety of interesting and convenient places where you can park your Airstream overnight, or for several days. Your Airstream is built to be safely parked on practically any spot that is relatively level and where the ground is firm. You have everything with you, self-contained, that you could ask for. Airstream owners have parked virtually every place imaginable from filling stations, to farm lands, in driveways, etc. In time you will develop a knack for spotting wonderful little roadside locations by turning off the main highway and exploring.

The North American continent is generously dotted with thousands of modern, private trailer parks that have special facilities for trailers. These generally offer considerable privacy and easy utility hook-up facilities for electricity, water and sewage . . . all at modest rates. You will find many Federal, State and Civic trailer parks that are clean, inexpensive and are located in beautifully wooded areas with convenient access to utilities.

On overnight or weekend trips the chances are that you will not use up the capacity of your sewage holding tank, deplete your water supply or rundown the battery which supplies your 12-volt current. On a longer trip, when you have stayed where sewer connections and utility hook-ups are not available, it will be necessary for you to stop from time to time to dispose of the waste in your holding tank and replenish your water supply. Many gas stations (chains and individually owned) have installed sanitary dumping stations for just this purpose.

Many trailer travelers who prefer to make their overnight stops "off the beaten path" make it a practice to stop at trailer parks every few days to replenish their water supply and dump the waste from their holding tank. (Refer to Chapter 13 in Section II for details on the operation of the waste holding tank).

In stopping for the night, unless the car is needed for

transportation, it is not necessary to unhitch nor is it necessary to level your Airstream every time you park. But it should be somewhere near level for comfort, and closer than that for good gas refrigeration during a longer stay.

Try to pick as level a parking spot as possible. Stabilizing jacks or blocks probably won't be required for an overnight stay; putting the dolly wheel on the hitch jack and running the hitch jack down to take the weight off the car's springs should provide enough stability.

All you need to do to enjoy the self-contained luxury of your Airstream is to:

1. Check that the switches in the One Stop Service Center are turned to "Battery."
2. Light the water heater, refrigerator and furnace pilots if required.
3. Turn on the gas supply at the stove and light the stove and oven pilots.

Before moving on be sure to check your campsite, both for cleanliness and to be sure you haven't left anything behind; turn off the gas supply pet cock to the stove; make sure everything is properly stowed, your hitch is tight, your electrical connection is made, you are ready for travel adventure!

Note! Several directories of trailer parks are available. Check your dealer for his recommendations. These include:

- a. Woodall's Mobile Home and Travel Trailer Park Directory (Woodall Publishing Co., 740 N. Rush St., Chicago 6, Illinois) \$2.
- b. Travel Trailer Park Guide (Mobile Home Manufacturers Association, 20 N. Wacker Drive, Chicago 6, Illinois) \$1.
- c. California Mobilehome Park Directory (Western Mobilehome Association, 5768 Pico Blvd., Los Angeles 19, Calif.) \$1.
- d. Florida Trailerite Handbook (Trailer News Publishing Co., Coral Gables, Florida) \$.60.



## PREPARING FOR AN EXTENDED STAY

Making a long trip in your Airstream is not very different from making a week-end excursion. Since everything you need is right at hand you are at home wherever you go. When packing for an extended trip take everything you need, but *only what you need*. Follow the tips in Chapter 2 on stowing your belongings.

When you plan to stay in the same place for several days, weeks or months, you will want your trailer to be as level and as steady as possible.

### LEVELING

For comfort and for good refrigeration, it is very important to have your trailer as level as possible. To get it level use small spirit levels located as follows:

Two on the tongue; one in front and one in back; and one near the door (either mounted over the door or on the floor. Or . . . Two placed at a 90° right angle to each other, on the trailer floor.

Don't expect to get all bubbles in the exact center, just try to get close.

To level front-to-back:

Disconnect hitch, put dolly wheel on jack and screw down until you are level.

To level side-to-side:

Either dig a hole for the wheels on the high side and drive the wheels into it, or run the wheels on the low side up a small ramp consisting of a wedge about 3 feet long, tapered from 1" to 4-5".

Block the Wheels.

Use blocks or stabilizing jacks at all four corners to

eliminate the natural spring action of the axles and give you a stable floor.

Note: When using stabilizing jacks never put a great deal of pressure on them when they are placed on the rear bumper of the trailer. Whenever the trailer must be lifted with a jack, as when changing a tire or leveling on very rough terrain, always place the jack under the main frame member which is located 15" inboard from the outside edge of the trailer. Lifting the trailer by the bumper may cause "canning" of the roof or back end sheets.

Hook-up to the water by attaching a 5/8" water hose to the city water service and to the water inlet located to the left in the hose carrier compartment in front of your rear bumper. (See Chapter 12 for details on operation of the water system).

Plug the electrical hose, located in the same compartment, into the city power service. Be sure you have the wire grounded and have the proper polarity (See Chapter 11 for proper procedure).

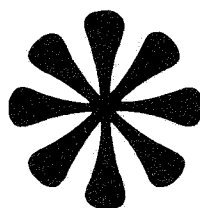
Hook your waste drain hose into the sewer disposal facility and attach to the drain outlet in your trailer by removing the drain cap, pushing hose on and twisting until it feels secure. Open septic tank dump valve; drain and flush tank; close valve. (See Chapter 13 for details on operation of sewage system).

Turn on gas petcock under top of stove; light stove and oven pilots. Light water heater, refrigerator and furnace pilots (if out). See Chapters 6-10 for operation of LPG system and appliances.

Enjoy the good life!







**TRAILERING  
IN YOUR  
AIRSTREAM**

## SECTION II

# THE SELF-CONTAINED UTILITIES IN YOUR AIRSTREAM

*There are four complete utilities systems built into your Airstream: Gas; Electricity; Water; and Sewage. These utilities permit you to cast loose the bonds of civilization and travel where you wish without sacrificing any comforts.*

*The next eight chapters of this Manual are devoted to instructions for operation and maintenance of the utility systems in your Airstream. If you require specialized service contact your Airstream dealer, the nearest Airstream factory or one of the factory service depots listed under the chapter on the individual appliance. The manufacturer's warranty for each appliance is in the special pocket in the front of this Manual.*



## CHAPTER 7 THE RANGE AND OVEN

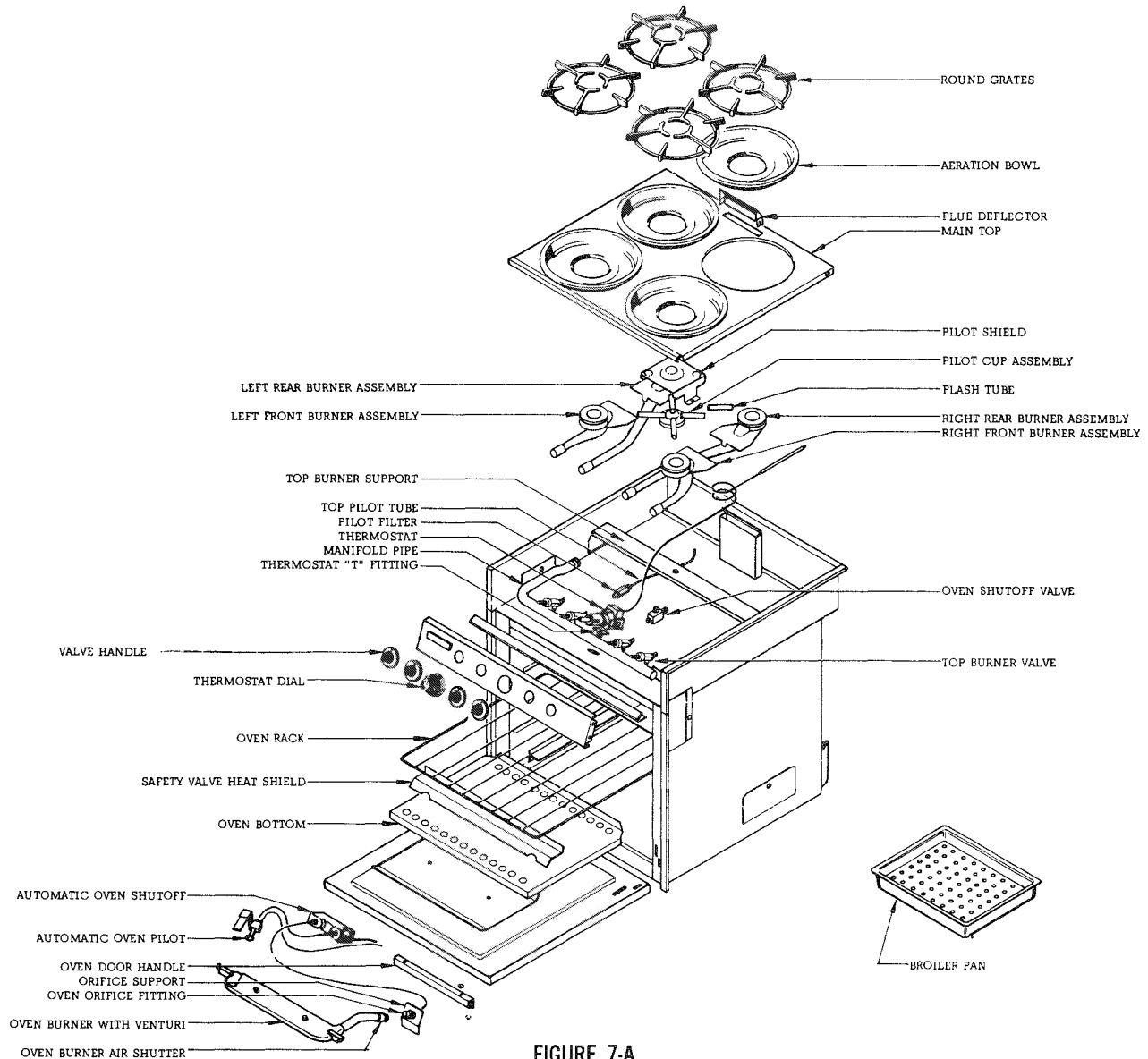


FIGURE 7-A

Your Airstream is equipped with a Magic Chef gas range. (Bambi II model has range top unit only — Sovereign of the Road model has separate range top and oven). All other models have range top and oven in one unit).

### RANGE TOP SECTION INSTRUCTIONS

1. Your range is equipped with coaxial orifices for use with LP gas. The flame will be approximately ½-inch long.
2. Air shutters on top burners are to be adjusted so that each cone of the flame is separate and distinct

and appears as illustrated in Figure 7-B. Air shutters set too far open will cause flame to lift away from burner head and will be difficult to light. If air shutters are closed too much the flame will look hazy and the distinct cones will be missing.

3. Top pilot (not on Bambi II models): Adjust top pilot so that tip of flame is just over the edge of the inner cone and the lighting of the top burners is within 4 seconds. See number 2 above if lighting is difficult.

### TROUBLE SHOOTING

Trouble — Flames “Lift Off” Ports

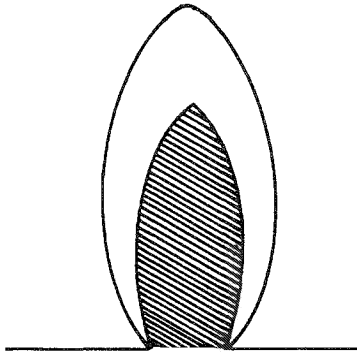


FIGURE 7-B

Cause: Too much air, gas, or both.

Remedies: Decrease air, gas, or both.

Trouble — Soot formations

Cause: Too much gas or not enough air.

Remedy: Decrease gas or increase air.

Trouble — Burner noisy when extinguished

Cause: Too much air.

Remedy: Readjust air shutter.

Trouble—Flame flashes back into air mixture chamber

Cause: Too much air in proportion to gas.

Remedy: Slightly increase gas or decrease air.

Trouble — Orange Flame

Cause: Small filings in new burners or dust in air.

Remedy: If trouble persists clean burners.

Trouble — Burner fails to light

Cause: Usually too much air.

Remedy: Decrease air.

## OVEN SECTION

1. To adjust pilot:

The automatic oven burner pilot in your oven consists of two separate pilots, a small constant pilot and a larger heater pilot. The constant pilot, which should be burning at all times, ignites the heater pilot in the oven burner. To adjust the burner: Open pilot valve (A), light constant pilot (B) with match and adjust pilot valve (A) by reducing flame on constant pilot (B) until yellow tip disappears.

To adjust the heater pilot turn control knob (C) to 300° on the temperature setting on the control knob dial. This will permit gas to flow through the heater pilot tube (B) to the heater pilot (E) where gas is ignited by the constant pilot (B).

Remove control knob (C) and bezel (CC) and adjust heater pilot gas supply by turning green heater pilot adjusting screw (F) on front of control valve until

flame on heater pilot (E) yellows. Then close adjusting screw until yellow tip disappears. Replace bezel and control knob.

**IMPORTANT: YOUR OVEN IS EQUIPPED WITH A SAFETY IGNITION THAT REQUIRES A MINIMUM OF 30 SECONDS TO OPERATE AFTER TURNING OVEN KNOB ON. THE OVEN PILOT MAY BE SLOW IN LIGHTING DUE TO AIR IN GAS LINES.**

2. To adjust main burner:

Your oven is equipped with a coaxial orifice for use on LP gas. The main burner when adjusted to the proper rate will have a flame approximately  $\frac{3}{8}$ -inch long. The air shutter on the main burners should be adjusted so the cone of each flame is separate and distinct. See figure 7-B.

**IMPORTANT:** The thermostat on your range **does not** have a by-pass setting. It will cycle off and on at all temperature settings. No by-pass adjustment is necessary.

## CLEANING INSTRUCTIONS AFTER RANGE IS IN USE

1. To assist in cleaning the area around the top burners, the main top has been hinged from the back so that it can be raised. Care should be taken during the cleaning operation that you do not touch the hot pilot shield. Also, when the cleaning operation is completed, be sure that the flash tubes are back in place.

2. If top burner heads are cleaned with any cleaning compound, care should be taken to see that all ports are opened up with a toothpick to assure proper operation. It is especially important that the lighter ports on the side of the burner head are kept clear.

3. Spill overs or spotting in oven or broiler are more easily removed when done promptly after they occur. Never wash porcelain when warm. Never use cleaning powder containing grit or acid.

NOTE: If oven bottom is removed for cleaning or servicing, be sure that oven bottom is locked in place when it is put back in the range. The front return flange on the oven bottom must hook under the side support angles to prevent warpage.

NOTE: The range gas line shut off valve located under the top of the range **must** be turned off when towing the trailer, when changing the gas tanks or if the gas supply is turned off for any reason. Be absolutely sure oven pilot light has been relighted as soon as range valve is turned on. (Sovereign of the Road model which has separate oven does not require oven pilot to be lighted except when you want to use oven. Gas shut off valve in Sovereign of the Road ovens is the left-hand knob on the face of the oven).

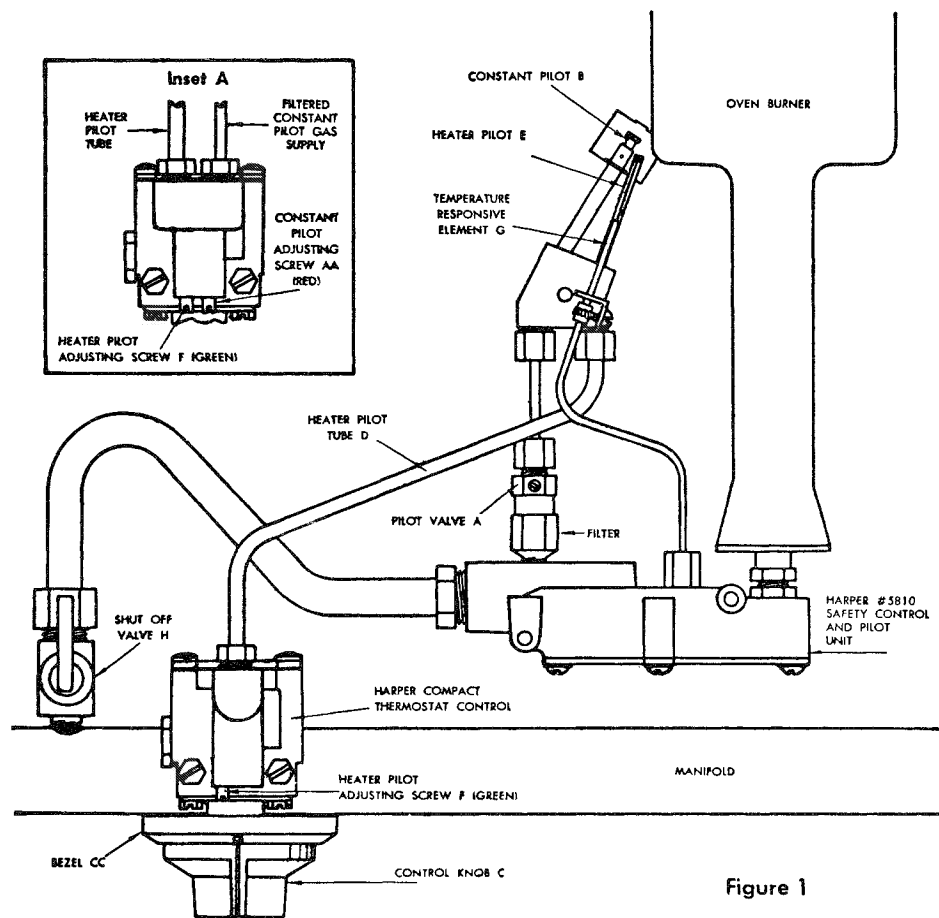


Figure 1

FIGURE 7-C



# **IMPORTANT**

During the model year four refrigerator models were used in Airstream trailers. Immediately following this page there are instruction sheets for all four models. After identifying the model in your trailer, remove this sheet and the following sheets which do not apply to your refrigerator. The instructions for your refrigerator can be identified as follows:

**DOMETIC GAS (CERAMIC BURNER)** Check the lower front panel of your refrigerator. A lighter tube (Number 19 in Figure A on page 8-2) identifies this as your model.

**DOMETIC GAS (METAL BURNER)** Check the lower front panel of your refrigerator. A lighter rod (D in Figure 8-A on page 8-2) identifies this as your model.

**DOMETIC GAS-ELECTRIC** Instructions for this model are identified in the manual in the first paragraph on page 8-1. The refrigerator is easily identified as this model has a separate electric thermostat (Figure 8-A call out ET) located in the food compartment.

**NORCOLD GAS-ELECTRIC** Instructions for this model are identified in the first paragraph on page 8-1. The refrigerator is identified by the name plate on the door.

**REMOVE THIS SHEET AND THE FOLLOWING SHEETS  
WHICH DO NOT APPLY TO YOUR REFRIGERATOR**



## CHAPTER 8

# THE REFRIGERATOR

Your Airstream is equipped with an A.G.A. approved Dometic gas refrigerator. This is the finest refrigerator available for travel trailer use and will give you many years of faithful service.

Whenever you park your trailer care should be taken that it is accurately level for best operation of this refrigerator. When parking try to avoid having strong wind blowing directly against the wall where the vent outlets are located for most efficient operation. A spirit level has been provided with your Dometic refrigerator to assist you in leveling your Airstream. However, the job will be somewhat easier if you purchase two small, inexpensive 10 to 12-in. spirit levels and lay them at 90° angles on the floor when you are leveling your Airstream.

The refrigeration system is air cooled. Therefore, it is of the utmost importance that air circulation around the cabinet is non-restricted.

Fig. 8A is an exploded view of the working parts of your refrigerator which will be referred to in the following operating instructions.

### LIGHTING THE BURNER

The gas tap must always be fully opened whenever the refrigerator is in use. A partially opened tap effects no saving and may interfere with the operation of the unit.

**To light** See figure 8B.

1. Turn on the gas tap underneath the cabinet. Turn the temperature regulator so that the indicator points to 4 on the scale.
2. Push the button "A" for about 10 seconds to fill the lighting tube "B" with gas.
3. Strike a match and pushing the button "A" again, apply the flame to the opening "C." A "flash-back" will occur, which ignites a pilot light at the burner. Still pressing the button "A" wait until a "click" is heard. The flame from the lighter will lick around the burner head and heat up the safety device, which when sufficiently heated, will open with a noticeable click, and the burner should ignite.

Incorporated in the burner bracket is an automatic flame failure device which allows gas to pass only when the burner is lighted, keeping the tongue of the device hot. Should the flame be blown out, the tongue will cool and the device will cut off the flow of gas

to the burner.

### BURNER ADJUSTMENT

Adjusting the burner consists of two operations: 1 — flame adjustment; and 2 — tongue adjustment of the safety shut-off valve.

#### 1. Flame Adjustment

**High flame** (thermostat dial turned to "max")  
The high flame must form a crown around the burner inner stone and have upright streaks through its center holes. The flame must be blue and soft and may have a slightly luminous tip. (see illustration). To make adjustment, loosen the lock nut and screw at the Outer Stone Holder up or down changing the space between the stones.

**Low By-pass Flame** (Thermostat dial turned to 0)  
The refrigerator will defrost at this setting. After the high flame has been on for a few minutes and the inner stone turned red hot, change the position of the Low Flame by turning the thermostat dial to "0". The low flame must form a much smaller crown around the inner stone and have small streaks at center. (see illustration)

Make sure that the flame does not sputter as it will blow out eventually (the wrong size jet may also cause the Low Flame to go out). Loosen the lock nut and make the adjustment by screwing the outer stone holder up or down until the flame burns noiselessly and softly. Turn the dial to "max" and "0" several times to check that the flame burns properly in both positions. Make sure that the lock nut is again tightened.

2. Tongue adjustment of the Shut-Off Valve. The tongue must slightly touch the flame and must be sufficiently heated to keep the safety valve open whether on High or Low Flame. Check it by turning the thermostat dial to "0" and wait about 5 minutes. If you hear a click and see the flame go out immediately following that click, bend the tongue a little toward the flame and repeat test until the flame stays on.

**DO NOT PLACE TONGUE TOO MUCH OVER THE FLAME AS THIS WILL DISTURB IT AND CREATE SMOKE THROUGH BAD COMBUSTION.**

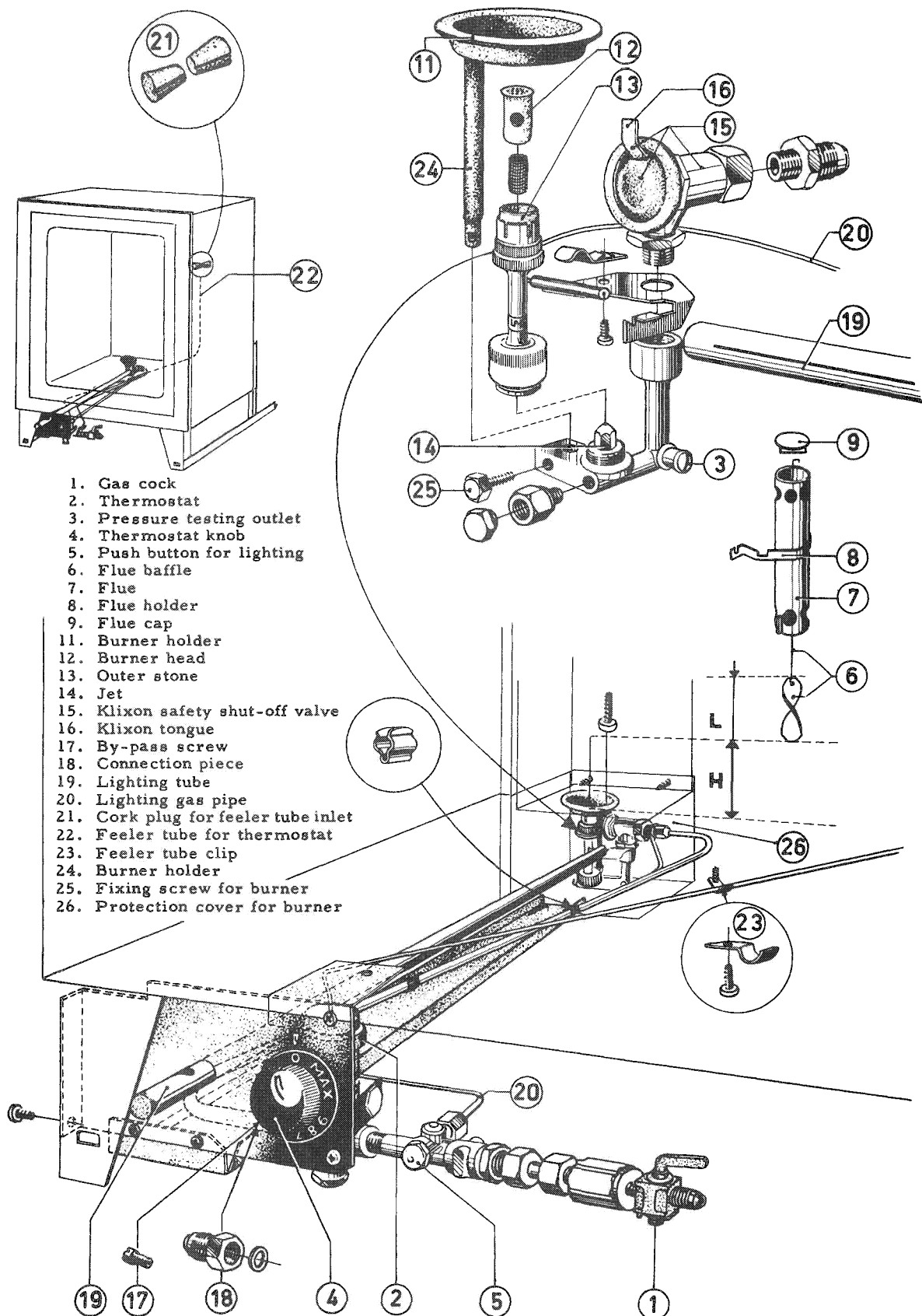


FIGURE 8-A

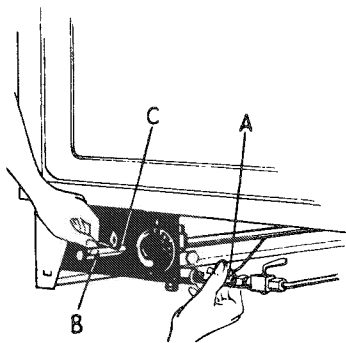


FIGURE 8-B

## THE THERMOSTAT

Your Dometic refrigerator is equipped with a thermostat which is regulated by turning the dial to different settings for the desired temperature.

At "0" the thermostat valve remains closed with the burner operating continuously at the by-pass rate, barely sufficient to keep the burner lighted. The refrigerator will defrost at this setting.

At "MAX" the thermostat valve remains open and the burner is operating continuously at full gas rate. Lowest cabinet temperatures are obtained at this setting.

Between these two extremes is a numbered portion of the dial over which various control temperatures can be obtained, the higher the number on the dial, the lower the temperature.

As soon as the required cold temperature inside the cabinet is reached, the thermostat cuts the burner main flame to the by-pass flame sufficient to keep the safety valve open.

## TROUBLE SHOOTING

The following trouble shooting tips are included in this manual to assist you when you are not accessible to a Dometic service depot. It is recommended that where possible you have all service performed at such an authorized depot.

Trouble — flame keeps going out when the thermostat cuts the flame to by-pass size.

### CAUSES AND REMEDIES

- Safety valve tongue is too far from the flame. Bend it toward the flame so that it can be heated sufficiently to keep the safety shut-off open. See paragraph on burner adjustment.
- When the required cold temperature inside the cabinet is reached the main gas supply to the

burner is shut off; however, a small amount of gas is still passing through the by-pass, enough to keep the tongue of the safety valve heated all the time, there is a very slight possibility that the by-pass screw hole is partially clogged. If this is the case, clean the by-pass screw. It is located on the left hand side of the thermostat, inside the union nut, between the thermostat and outlet pipe.

Trouble — the refrigerator is too cold

### CAUSES AND REMEDIES

- Thermostat is incorrectly set.
- The spiral end of the thermostat sensitive tubing is incorrectly located in the pocket, inside the ice making compartment. Push it in as far as it will go.

Trouble — refrigerator does not freeze satisfactorily

### CAUSES AND REMEDIES

- The thermostat is incorrectly set. In hot weather the setting should be changed to 1 or 2 numbers colder than usual.

Trouble — flame has gone out

### CAUSES AND REMEDIES

- Gas in bottle is used up — refill.
- Tongue of valve is not heated enough by flame — bend tongue closer to the flame (see previous paragraph on burner adjustment).
- By-pass screw is clogged — clean or have it exchanged.
- Gauze in burner head is clogged. Remove inner stone from burner and clean or exchange gauze.
- Air circulation around cooling unit has been restricted. Be sure that refrigerator is receiving the proper ventilation.
- The radiator is heavily coated with ice. Defrost by setting thermostat to zero.
- Jet orifice is clogged. Remove barrel, unscrew jet and blow clear or wash in alcohol. Never use a pin or wire to clean orifice.
- Burner may be dislocated. Flame and heat do not go straight up through the opening of the boiler tube. Unlock the burner assembly from the supporting rod and set the burner head immediately under the opening and lock it again by means of the hexagon lock screw.
- Check the door seals properly against the cabinet front: run a piece of thin cardboard along the door seal, insert it between the seal and

the cabinet front. Nowhere should the card feel loose.

#### Trouble — Odor from Fumes

#### CAUSES AND REMEDIES

- a. When the flame touches the side of the boiler tube due to dislocation of the burner head. Relocate.

- b. The flue is dirty. Clean flue as follows: Remove burner barrel and uncover the jet. Remove flue top and baffle. Clean flue with special flue-brush. Be careful not to touch the tongue of the valve. Clean baffle and burner head before putting them back into place.

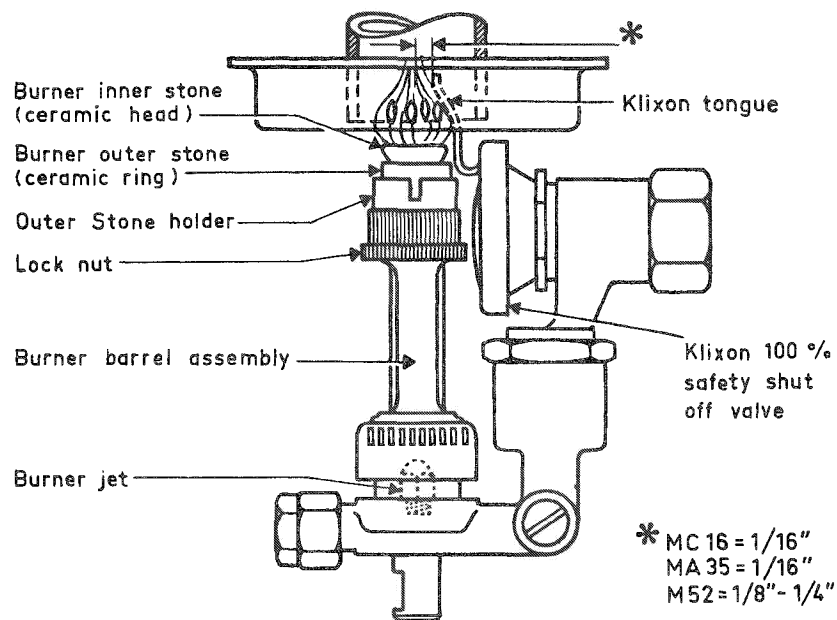


FIGURE 8-C

## CHAPTER 8

# THE REFRIGERATOR

Your Airstream is equipped with an A.G.A. approved Dometic gas refrigerator. This is the finest refrigerator available for travel trailer use and will give you many years of faithful service.

Whenever you park your trailer care should be taken that it is accurately level for best operation of this refrigerator. When parking try to avoid having a strong wind blowing directly against the wall where the vent outlets are located for most efficient operation. A spirit level has been provided with your Dometic refrigerator to assist you in leveling your Airstream. However, the job will be somewhat easier if you purchase two small inexpensive 10 to 12-in. spirit levels and lay them at 90° angles on the floor when you are leveling your Airstream.

The refrigeration system is air cooled. Therefore, it is of the utmost importance that air circulation around the cabinet is non-restricted.

Fig. 8A is an illustration of the working parts of your refrigerator which will be referred to in the following operating instructions.

### FOR GAS OPERATION

The gas tap must always be fully opened whenever the refrigerator is in use. A partially opened tap effects no saving and may interfere with the operation of the unit.

**To light — Remove kick plate on bottom front of refrigerator by pulling outward**

1. Turn gas valve lever "A" one-half turn clockwise to open position. Turn thermostat knob "B" to a setting of 4.
2. Press red button "C" and after about 15 seconds (to allow sufficient gas to enter), rapidly twist lighter rod "D" clockwise. This will create a spark which will ignite the gas.
3. After the burner has been lighted, keep button "C" depressed for an additional 15 seconds to allow the safety shut-off to become heated sufficiently to keep the valve open.
4. Release button "C" and check to make certain the burner remains lighted. If it should go out, repeat the above procedure.

Incorporated in the burner bracket is an automatic flame failure device which allows gas to pass only when the burner is lighted, keeping the tongue of

the device hot. Should the flame be blown out, the tongue will cool and the device will cut off the flow of gas to the burner.

### THE THERMOSTAT

This refrigerator has automatic thermostatic control of the temperature in the food storage space. Be sure to make the temperature setting on the correct thermostat.

As soon as the required cold temperature inside the cabinet is reached, the thermostat cuts the burner main flame to the by-pass flame sufficient to keep the safety valve open.

### DEFROSTING AND CLEANING

Excessive formation of ice on the evaporator reduces refrigeration efficiency. It is, therefore, necessary to defrost the Unit whenever ice has accumulated.

When defrosting is necessary, turn the thermostat (ET or GT) to warmest position and leave the door of the refrigerator open. See that the drip tray is in its position below the evaporator.

This is a good time to remove all food and clean the interior and all other plastic parts with warm water adding detergents. Never use abrasive or caustic cleaning powders, polishes, cleaning paste or any gasoline, turpentine and the like.

Use a damp cloth for cleaning and finish with a soft dry cloth. After the defrosting has been completed, turn the control knob to its normal position.

When the refrigerator is to be out of operation for some time, always leave the door slightly open.

### TROUBLE SHOOTING — GAS OPERATION

Trouble — Flame is noisy with buzzing sound

#### CAUSES AND REMEDIES

- a. Burner is getting too much air. Screw the lower air adjustment ring "A" on the burner down, to partially cover the air holes at the base, until the noise stops. (Figure 8B). Lock in position with the upper ring "B." Make certain that the flame remains blue. Blocking the air holes "C" completely will cause the flame to become yellow and to smoke.

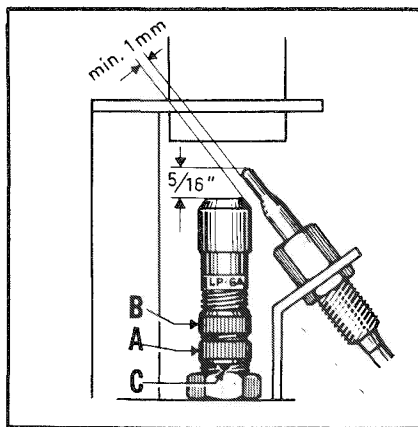


FIGURE 8-B

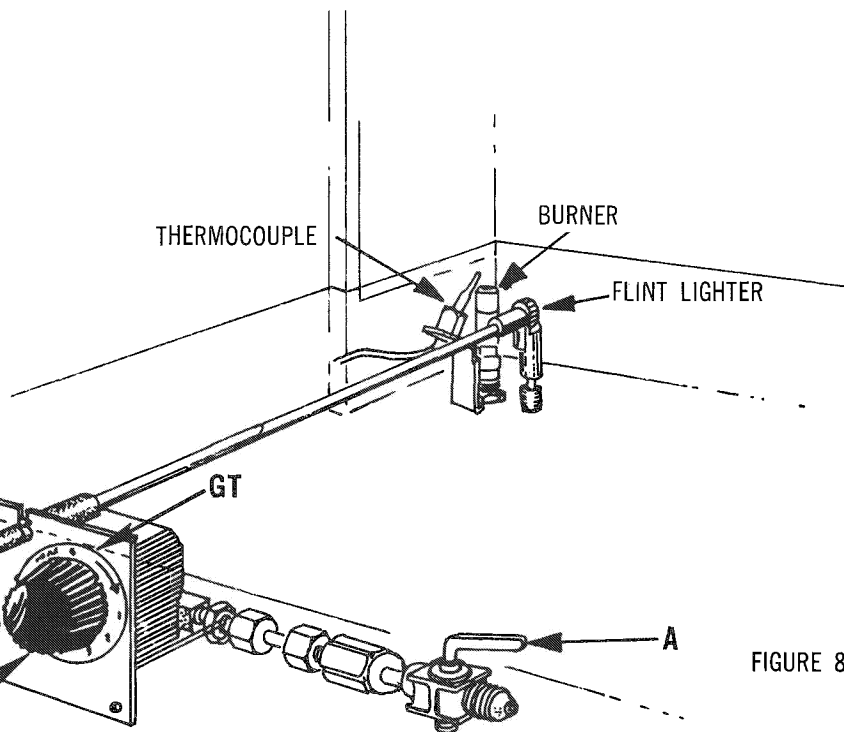


FIGURE 8-A

**Trouble** — When lighting the gas flame it goes out as soon as the push button is released

#### CAUSES AND REMEDIES

- The thermocouple tip may not be in the flame. The thermocouple should be at an approximately 45° angle to the burner located per figure 8-B.

**Trouble** — Flame goes out

#### CAUSES AND REMEDIES

- Flame blow-outs can be caused by excessive wind, including the wind of a passing truck or bus. If there has been no wind to cause the flame to repeatedly go out, go to a Dometic Service Depot to have the thermocouple and safety valve checked.

**Trouble** — Overfreezing

#### CAUSES AND REMEDIES

- The thermostat sensitive tubing is incorrectly located in the pocket inside the ice making compartment. Push the tubing back as far as it will go.
- The thermostat is out of adjustment. To adjust it turn the dial to "zero." If the flame does not go down to the "low" by-pass setting, follow this procedure:
  - Unscrew the large cap screw at the rear of the thermostat and remove the ball. Clean ball seat and replace.

- If procedure (1) does not correct the problem, remove the dial knob with the dial plate and turn the exposed set screw out (in counter clockwise direction) until the flame goes down to the by-pass. See figure 8-C.

- If the flame keeps going out when the dial is turned to (O) remove and clean the by-pass screw which is located inside the gas connection on the left side of the thermostat.

**Trouble** — Burner does not light

#### CAUSES AND REMEDIES

- Remove and clean burner barrel.
- Check gas supply.

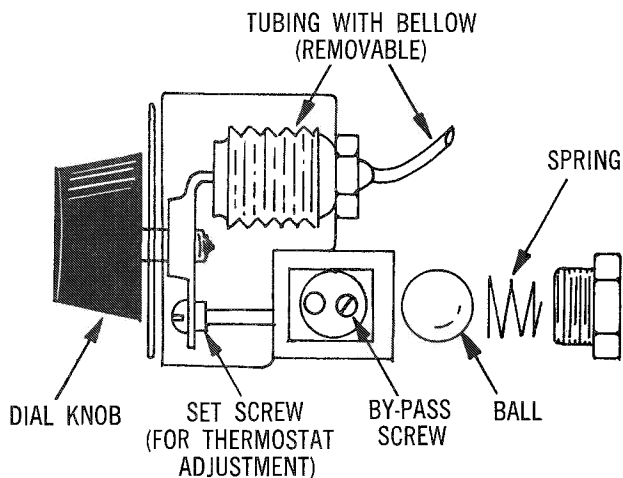


FIGURE 8-C

## CHAPTER 8

# THE REFRIGERATOR

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The refrigeration system is air cooled. Therefore, it is of the utmost importance that air circulation around the cabinet is non-restricted.

Fig. 8A is an illustration of the working parts of your refrigerator which will be referred to in the following operating instructions.

### LIGHTING THE BURNER

The gas tap must always be fully opened whenever the refrigerator is in use. A partially opened tap effects no saving and may interfere with the operation of the unit.

**To light — Remove kick plate on bottom front of refrigerator by pulling outward**

1. Turn gas valve lever "A" one-half turn clockwise to the open position. Push electric switch "F" down to "Off" position. Turn thermostat knob "B" to a setting of 4.
2. Press red button "C" and after about 15 seconds (to allow sufficient gas to enter), rapidly twist lighter rod "D" clockwise. This will create a spark which will ignite the gas.
3. After the burner has been lighted, keep button "C" depressed for an additional 15 seconds to allow the safety shut-off to become heated sufficiently to keep the valve open.
4. Release button "C" and check to make certain the burner remains lighted. If it should go out, repeat the above procedure.

Incorporated in the burner bracket is an automatic flame failure device which allows gas to pass only

when the burner is lighted, keeping the tongue of the device hot. Should the flame be blown out, the tongue will cool and the device will cut off the flow of gas to the burner.

**IMPORTANT** — always make certain that electric switch "F" is off before operating the refrigerator on gas.

### FOR ELECTRIC OPERATION

1. Push Switch "F" up to the "ON" position and turn gas lever "A" counterclockwise to the "OFF" position.
2. Check to be sure the electrical cord is plugged into its 110-volt convenience outlet.
3. Turn the electric thermostat to a setting of 4. The refrigerator is now in operation.

### THE THERMOSTAT

This refrigerator has automatic thermostatic control of the temperature in the food storage space. The gas thermostat (GT) controls the temperature during gas operation, while the electrical thermostat (ET) controls the temperature during electric operation. Be sure to make the temperature setting on the correct thermostat.

As soon as the required cold temperature inside the cabinet is reached, the thermostat cuts the burner main flame to the by-pass flame sufficient to keep the safety valve open during gas operation. During electric operation the thermostat cycles the flow of electrical current to maintain the set temperature.

### DEFROSTING AND CLEANING

Excessive formation of ice on the evaporator reduces refrigeration efficiency. It is, therefore, necessary to defrost the Unit whenever ice has accumulated.

When defrosting is necessary, turn the thermostat (ET or GT) to warmest position and leave the door of the refrigerator open. See that the drip tray is in its position below the evaporator.

This is a good time to remove all food and clean the interior and all other plastic parts with warm water adding detergents. Never use abrasive or caustic

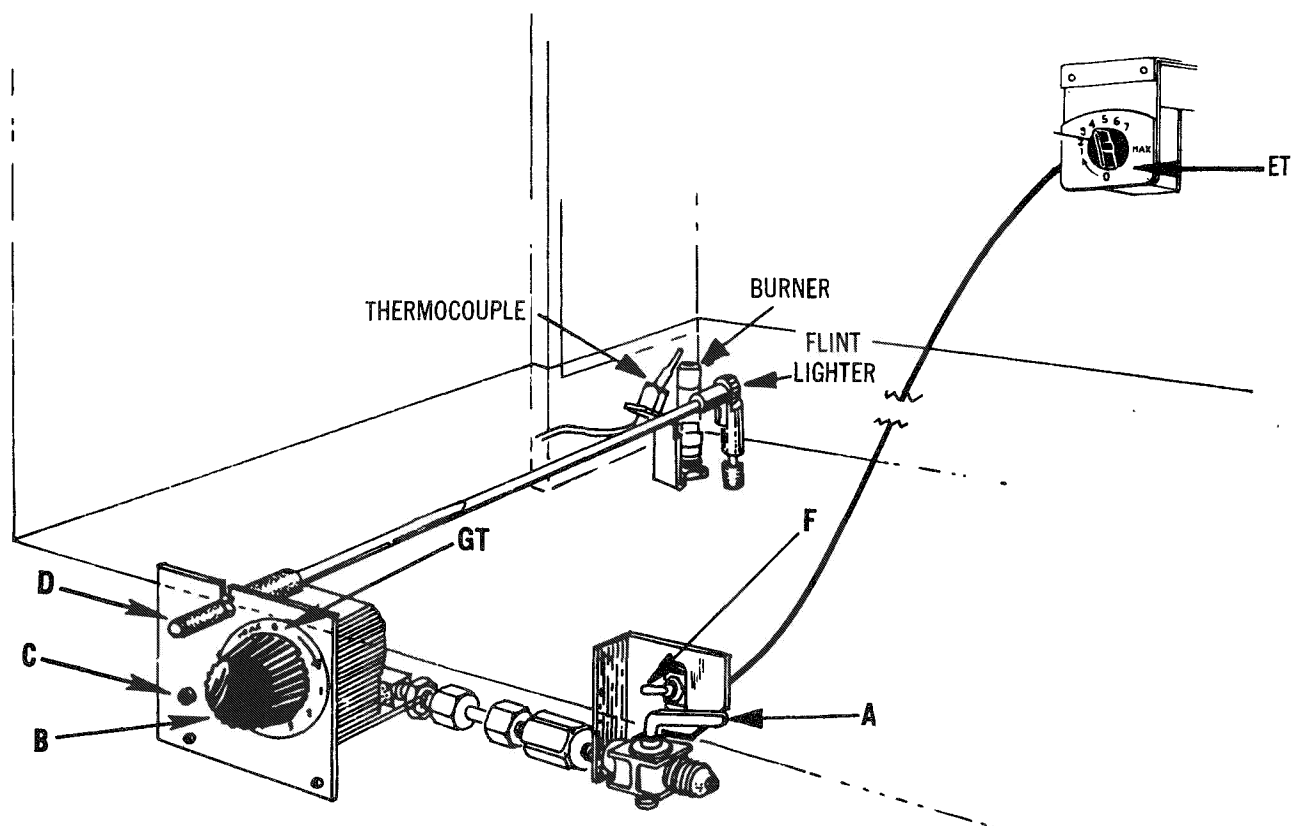


FIGURE 8-A

cleaning powders, polishes, cleaning paste or any gasoline, turpentine and the like.

Use a damp cloth for cleaning and finish with a soft dry cloth. After the defrosting has been completed, turn the control knob to its normal position.

When the refrigerator is to be out of operation for some time, always leave the door slightly open.

## TROUBLE SHOOTING — GAS OPERATION

Trouble — Flame is noisy with buzzing sound

### CAUSES AND REMEDIES

- a. Burner is getting too much air. Screw the lower air adjustment ring "A" on the burner down, to partially cover the air holes at the base, until the noise stops (Figure 8B). Lock in position with the upper ring "B." Make certain that the flame remains blue. Blocking the air holes "C" completely will cause the flame to become yellow and to smoke.

Trouble — When lighting the gas flame it goes out as soon as the push button is released

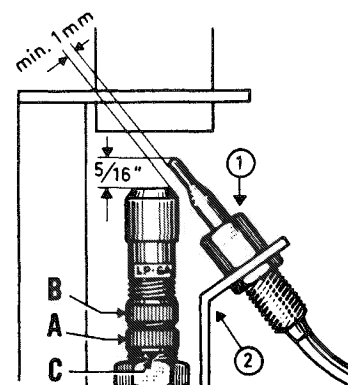


FIGURE 8-B

### CAUSES AND REMEDIES

- a. The thermocouple tip may not be in the flame. The thermocouple should be at an approximately 45° angle to the burner located per figure 8-B.

Trouble — Flame goes out

### CAUSES AND REMEDIES



- a. Flame blow-outs can be caused by excessive wind, including the wind of a passing truck or bus. If there has been no wind to cause the flame to repeatedly go out, go to a Dometic Service Depot to have the thermocouple and safety valve checked.

#### Trouble — Overfreezing

##### CAUSES AND REMEDIES

- a. The thermostat sensitive tubing is incorrectly located in the pocket inside the ice making compartment. Push the tubing back as far as it will go.
- b. The thermostat is out of adjustment. To adjust it turn the dial to “zero.” If the flame does not go down to the “low” by-pass setting, follow this procedure:

- (1) Unscrew the large cap screw at the rear of the thermostat and remove the ball. Clean seat and ball and replace.

- (2) If procedure (1) does not correct the problem, remove the dial knob with the dial plate and turn the exposed set screw out (in counter clockwise direction) until the flame goes down to the by-pass. See figure 8-C.

- c. If the flame keeps going out when the dial is turned to (O) remove and clean the by-pass screw which is located inside the gas connection on the left side of the thermostat.

#### Trouble — Burner does not light

##### CAUSES AND REMEDIES

- a. Remove and clean burner barrel.
- b. Check gas supply.

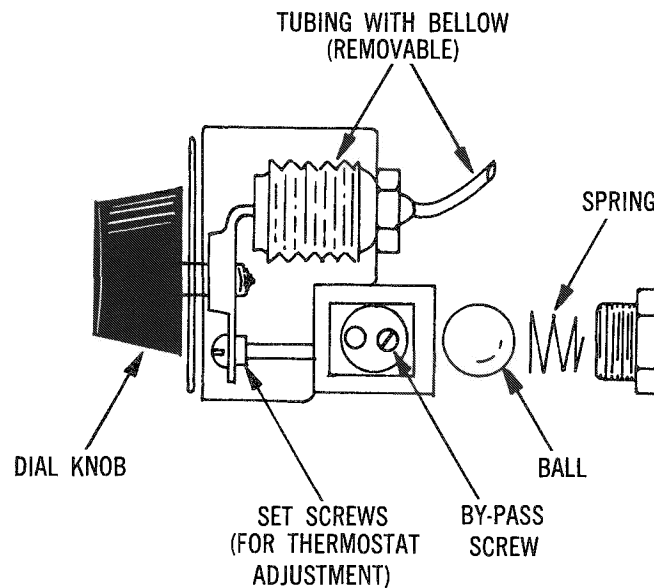


FIGURE 8-C



## CHAPTER 8

# THE REFRIGERATOR

Your Airstream is equipped with an A.G.A. approved Norcold gas-electric refrigerator. This is the finest refrigerator available for travel trailer use and will give you many years of faithful service.

Whenever you park your trailer care should be taken that it is accurately level for best operation of this refrigerator. When parking try to avoid having a strong wind blowing directly against the wall where the vent outlets are located for most efficient operation. A spirit level has been provided with your Norcold refrigerator to assist you in leveling your Airstream. However, the job will be somewhat easier if you purchase two small inexpensive 10 to 12-in. spirit levels and lay them at 90° angles on the floor when you are leveling your Airstream.

The refrigeration system is air cooled. Therefore, it is of the utmost importance that air circulation around the cabinet is non-restricted.

Fig. 8A is an illustration of the working parts of your refrigerator which will be referred to in the following operating instructions.

### LIGHTING THE BURNER

The gas tap must always be fully opened whenever the refrigerator is in use. A partially opened tap effects no saving and may interfere with the operation of the unit.

**To light — Remove kick plate on bottom front of refrigerator by pulling outward**

1. Turn on the gas tap underneath the cabinet. Turn the temperature regulator so that the indicator points to 7 on the scale.
2. Turn the handle (C) of gas valve (B) clockwise to the horizontal position (open).
3. Light match and hold to left side (right side for the 623 model) of the aluminum zip tube lighter (L).
4. Press red lighter button (D) on ignition valve (E). When gas is ignited in zip tube remove lighted match.
5. Press red pin (F) on automatic shutoff valve (G) which permits gas to flow to the main burner (H).
6. When gas is burning at main burner ports, the lighter button (D) may be released. Gas should continue to burn at main burner ports.
7. After the gas has been burning at the main burner ports for 15 to 30 seconds, release push button (F). The gas should continue to burn at the main burner ports.
8. Replace the kick plate. **THE REFRIGERATOR IS NOW IN OPERATION.**

Incorporated in the burner bracket is an automatic flame failure device which allows gas to pass only when the burner is lighted, keeping the tongue of the device hot. Should the flame be blown out, the tongue will cool and the device will cut off the flow of gas to the burner.

### ELECTRICAL OPERATION

1. Turn handle (C) of gas valve (B) counter-clockwise to vertical position (Fig. 8A). This operation automatically turns off the gas and converts the refrigerator to electrical operation. Be certain that electrical supply cord has been plugged into a 115 volt outlet. Turning the handle (C) clock-wise to the horizontal position turns the gas on and automatically disconnects the electrical operation.
2. Turn the temperature control knob (ET) to give the refrigerator temperature desired (No. 7 is the coldest position).
3. Replace the kick plate.

### THE THERMOSTAT

This refrigerator has automatic thermostatic control of the temperature in the food storage space. The gas thermostat (GT) controls the temperature during gas operation, while the electrical thermostat (ET) controls the temperature during electric operation. Be sure to make the temperature setting on the correct thermostat.

Between these two extremes is a numbered portion of the dial over which various control temperatures can be obtained, the higher the number on the dial, the lower the temperature.

As soon as the required cold temperature inside the cabinet is reached, the thermostat cuts the burner main flame to the by-pass flame sufficient to keep the safety valve open.

### DEFROSTING AND CLEANING

Excessive formation of ice on the evaporator reduces

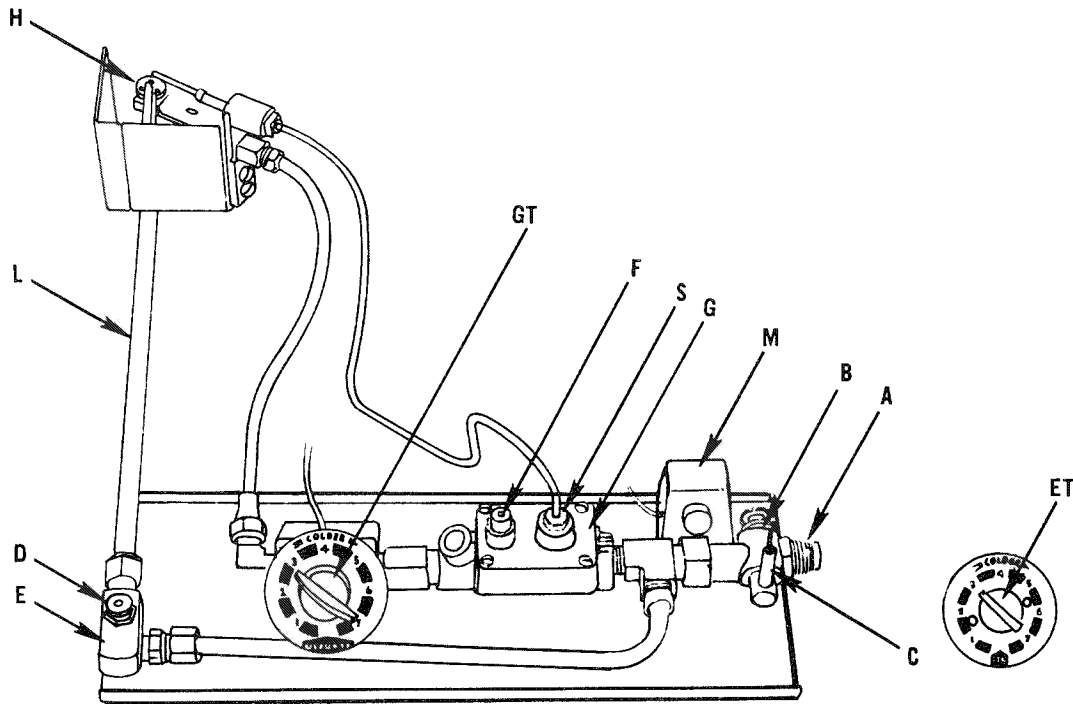


FIGURE 8-A

refrigeration efficiency. It is, therefore, necessary to defrost the Unit whenever ice has accumulated.

When defrosting is necessary, turn the thermostat (ET or GT) to warmest position and leave the door of the refrigerator open. See that the drip tray is in its position below the evaporator.

This is a good time to remove all food and clean the interior and all other plastic parts with warm water adding detergents. Never use abrasive or caustic cleaning powders, polishes, cleaning paste or any gasoline, turpentine and the like.

Use a damp cloth for cleaning and finish with a soft dry cloth. After the defrosting has been completed, turn the control knob to its normal position.

When the refrigerator is to be out of operation for

some time, always leave the door slightly open.

### HINTS ON THE BEST USE OF YOUR NORCOLD REFRIGERATOR

Perishable foods should always be stored in the cold zone under the evaporator. Always allow hot dishes to cool before placing them into the refrigerator. Vegetables, fruits and salads can be kept crisp and fresh in the freshner drawer or in any closed receptacle. It is recommended that cheese, fish and other foods with a distinctive odor should also be kept in closed containers.

Attention to the above instructions will enable you to have years of trouble-free service from your NORCOLD refrigerator. In the case of difficulty, contact your nearest dealer.

## CHAPTER 9

# THE FURNACE

The furnace in your Airstream is an International MGF 1525 model, sealed combustion system furnace. It has been tested and listed by Underwriters' Laboratories, the national testing agency for safety — your assurance for safe operation.

Since it is a sealed combustion system furnace, fumes and gases cannot pass from the furnace to the room air. It is thermostatically controlled, has an automatic air circulator to distribute the heat, automatic safety controls and air filtering system.

The following information will help you to obtain the best performance, with the maximum economy, from your Airstream furnace.

### STARTING THE FURNACE

Follow the operating instructions on the front of the furnace blower housing.

### POWER SUPPLY

The furnace will operate with either 110-115 volt AC or from the 12 volt DC battery power supply. Whenever possible, use the 110-115 volt supply to conserve your battery. The switch to change from 12 volt to 115 volt power is located on upper left front of the furnace.

When the battery is almost exhausted, causing the voltage to the air circulator to drop, the air circulator wheel will operate more slowly. The limit control will shut off the main gas supply when the temperature inside the furnace reaches the safe maximum. The burner will remain off for some time, and will re-cycle for only a few minutes. The "off" period will become longer and longer until the air circulator will no longer run — meaning that the battery is completely exhausted.

### REMOVING MOISTURE

When humidity is high inside your trailer, turn on the trailer exhaust fan in the roof vent and open a window slightly to get a cross ventilation. This will not effect the operation of the furnace.

### CAUTION

The flue gases from the furnace are vented outside your trailer through a vent in the outside wall immediately opposite the furnace. Do not place clothing or other flammable material on the vent assembly. Check occasionally to see that it is not clogged with leaves,

etc. Never operate your furnace while the trailer is moving. To shut off the furnace, depress the gas control knob slightly and turn to "off"; set the current to "off."

### THE OPERATION OF YOUR FURNACE

Air is circulated through your furnace providing a uniform floor-to-ceiling heat in all areas. Room air is drawn through the filter, heated and then distributed throughout the living area.

By circulating all of the air in your trailer through the filter every five or six minutes, the air circulator of the furnace keeps the air free of dust. The removal of air-borne dust leads to better health and reduces "house cleaning" time.

The filter should be removed and vacuumed after two weeks' operation to insure best performance. Replace filter with the same side out after cleaning. Filters are available through your Airstream dealer or any authorized International Service point as is shown on the enclosed list. Filter size is 13- $\frac{3}{4}$ " x 14- $\frac{3}{4}$ ".

### SAFETY PILOT VALVE

This valve provides 100% shut-off of gas if the pilot flame should go out. To light furnace when pilot flame is out, follow operating instructions on plate attached to furnace.

### MAIN GAS CONTROL VALVE

This valve allows gas to flow to the main burner when the thermostat "calls for heat" and stops the flow of gas when the thermostat is "satisfied." All working parts of this valve are permanently sealed and lubricated so that the valve operates silently at all times.

### PILOT BURNER

The pilot burner provides a continuous flame for lighting the main burner and heating the thermocouple to provide the voltage needed to hold the safety pilot valve open. The pilot flame can be adjusted for larger or smaller flame. To adjust, remove the cover screw from the gas control — the pilot adjustment screw can then be reached. Turn the adjustment screw down to decrease the size of the flame and out to increase the size. The pilot flame can be seen by opening the hinged door in the combustion chamber. If the pilot flame is set too low, the thermocouple will close the

gas valve. The 100% shut-off of the gas control is a safety feature of the furnace.

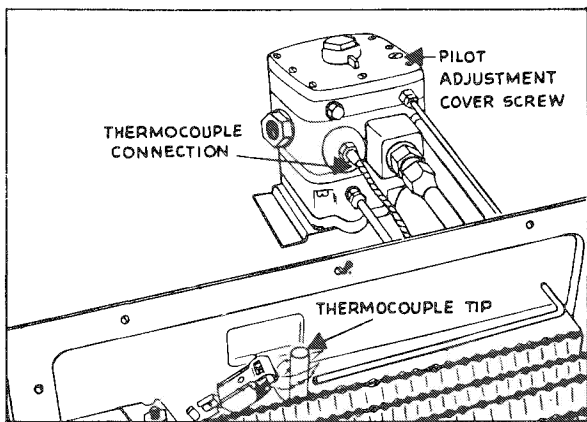


FIGURE 9-A

## THE THERMOSTAT

The thermostat automatically controls the temperature in your trailer. The thermometer and thermostat settings are reasonably accurate. However, it is best to adjust the thermostat to comfort level rather than to any prescribed temperature setting.

## MAINTAINING YOUR FURNACE

Your furnace is designed for maximum safety under all operating conditions. To insure service free operation keep the furnace clean and free of dust and lint. Follow the maintenance procedure as follows:

### AFTER TWO WEEKS OPERATION

Remove the filter and clean with a vacuum cleaner. Replace with new filter after every two months of continuous operation. Do not operate furnace without filter.

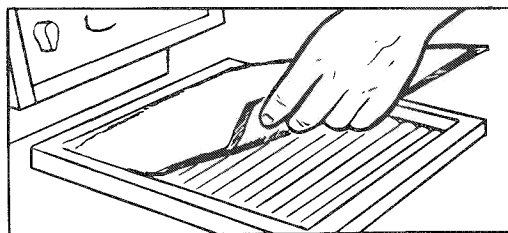


FIGURE 9-B

### AFTER THREE MONTHS OPERATION

Oil air circulator motor with 5 drops per bearing of SAE 20 motor oil. Never use light machine oil. Check and clean thermostat contacts by drawing a piece of lint free paper through the space between the contacts.

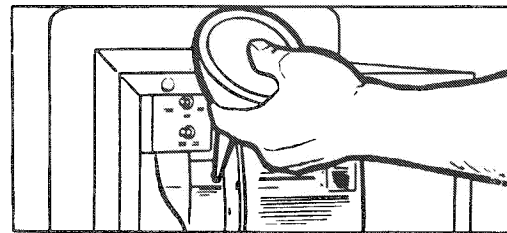
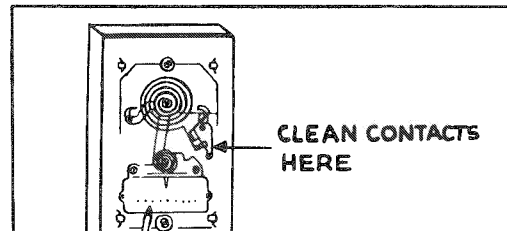


FIGURE 9-C

FIGURE 9-D



### AFTER SIX MONTHS OF CONTINUOUS OPERATION

Remove the vent from outside the trailer and check for obstructions. To remove, lift upward after removing two screws near bottom of vent. Check vent louvers and combustion air passageways for leaves, dirt, etc. Remove deposits from top vent if deposits are present.

Clean outlets of air ducts with vacuum cleaner to remove lint and dust and insure clean air circulation.

Have a service man remove the air circulator wheel and clean it. To remove the assembly, turn the gas control knob to pilot, set current switch to Off and allow furnace to cool. Unplug air circulator motor and

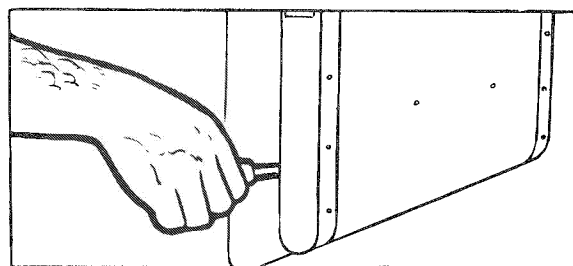
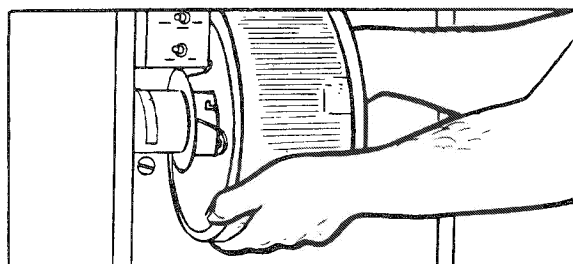


FIGURE 9-E

FIGURE 9-F



remove nut on right side while supporting housing. Pull housing to right and lift assembly from furnace. Clean dust and lint from air circulator wheel and motor. Use ¼" Allen wrench to tighten wheel set screws to flat of motor shaft when reassembling, and see that motor ground wire is in place.

## **TROUBLE SHOOTING**

Make the following checks if your furnace is not operating properly:

1. Check that there is gas in tank and valves are open.
2. Re-set any tripped circuit breaker switches.
3. Check to be certain that air filter is clean.
4. Check that air circulator is plugged into its power receptacle.

5. Check that pilot is on.

If furnace does not operate after these five checks have been made, contact one of the service depots listed on the following sheets.

## **TROUBLE SHOOTING**

### **CAUSES & REMEDIES**

Trouble — Pilot goes out

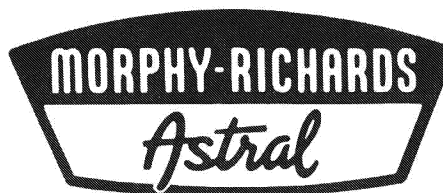
- a. Adjust pilot flame.
- b. If pilot will not remain lighted check tightness of thermocouple connection in back of gas control.
- c. You may have a poor connection in the electrical circuit — call a service man to check the circuit.







international oil burner company



## MOBILE HOME SERVICE POINTS ★ ★ UNITED STATES AND CANADA

For FACTORY APPROVED SERVICE of your International furnace, air conditioner or Morphy-Richards Astral refrigerators, find the approved Service Point closest to you from the list below. Service points with no markings to the left of the name are qualified to service heating, air-conditioning and Morphy-Richards Astral refrigerators. Those with a single asterisk (\*) are qualified to service International air conditioning and Astral refrigerators only (NO HEATING), and those with a triangle (▲) handle Astral refrigerators only.

The area code number (where available) of each city is listed after the city. The individual phone number is given after the service point address.

All Approved Service Points carry a large supply of genuine International parts for furnaces and air conditioners. This will expedite service or parts for any emergency for your Heating or Air Conditioning needs as these servicemen have completed intensive factory service school programs, and are best qualified to service your International furnace and air conditioner. They are also well qualified to service your mobile home appliances. Many service points also do roof waterproofing, painting and other repairs.

If you should move to another location, this list will help you locate a Factory Approved Serviceman for your heating and air conditioning service needs.

### ALABAMA

**Bessemer** D-3  
H. A. Wheat  
Birmingham Mobile Home Parts & Supplies  
5116 Bessemer Super Hwy. —HA. 5-2361

**Butler** F-2  
Jack P. Deloach  
P.O. Box 139—459-3430

**Daleville** H-5  
Daleville Home Appliance Co.  
Route 1—Box 15—2867

**Evergreen** G-4  
\*Evergreen Electric Shop—N-L

**Huntsville—205**  
Mobile Home Service Company  
2900 South Memorial Parkway  
539-7244

**Mobile** I-2  
Best Trailer Sales  
2850 N.W. 90, West—477-4796

Mr. Jim Taylor  
c/o Taylor Mobile Home Repair  
3001 Government Blvd.

**Montgomery** F-4  
\*Renard Refrig. Co., Inc.  
P.O. Box 1532—262-7411

**Sheffield—205** A-2  
Mobile Home Service Company  
1605 32nd Street—363-3075

### ALASKA

**Fairbanks** C-4  
Kleen Air Heating Service  
116 Farewell St.  
Hamilton Acres—456-5987

**Spenard**  
Mr. A. F. Fischer  
c/o Fischer's Burner Sales & Service  
3303 Oregon Dr. —FA. 2-3252 or FE. 3-3040

### ARIZONA

**Flagstaff—602** C-4  
Northern Arizona Gas Service  
14 West Aspen St. —774-6671

**Holbrook** C-5  
Denver Nicholas  
330 W. Erie St. —524-3843

### ARIZONA (Continued)

**Kingman** C-1  
Davis Heating & Cooling  
525 E. Andy Devine Ave. —SK. 3-3746

**Mesa** E-3  
Complete Trailer Service  
847 W. Main Street—WO. 4-9182

**Phoenix—602** E-3  
City Trailer Service  
105 S. 36th St. —275-1962

**Sedona**  
Sedona All Service  
Box 502—282-3530

**Sierra Vista**  
Mr. Merle Spott  
c/o Spott Mobile Homes  
456 Fry Blvd. —458-4852

**Tucson—602** F-4  
Ted Walkers Trailer Headquarters  
2632 S. Sixth Avenue —MA. 3-2595

### ARKANSAS

**Blytheville—501** A-5  
Poole Mobile Home Repair  
P.O. Box 1317—72316—3-8947

**Sam's Service** C-4  
408 N. Broadway—PO. 3-7424

**Forrest City** C-4  
Almond's Repair Service  
908 Redwood Dr. —ME. 3-4245

**Ft. Smith** B-1  
Johnny Hayes  
Hayes Bros. Plumbing Co.  
2210 No. "O" Street—SU. 2-5027

**Hot Springs** C-2  
Murphy Bros. Refrig. —NA. 3-2598

**No. Little Rock** C-3  
Tweedy Trailer Service  
Route 4, Box 190C—W1. 5-1064

### CALIFORNIA

**Anaheim**  
Mr. Bostwick  
c/o Midway Mobile Home Supplies & Serv.  
200 West Midway Dr. —774-7012

### CALIFORNIA (Continued)

**Anderson** C-1  
Mr. J. M. Merrill  
c/o Jack's Trailer Repair  
Route #1—Box 1549—365-2285

**Bakersfield—805** J-7  
King's Trailer Towing & Service  
9331 Marvin—831-3160

**Bellflower—213** D-4  
Marvin's Mobile Service  
9097 East Rosecrans Blvd. Space #7  
633-2627

**Bishop—714** M-12  
Edwards Mobile Home Service  
236 Willow—UP. 2-4921

**Blythe—714** L-10  
C. W. Covington  
B. C. Electronics  
9526 E. Hobsonway—922-2652

**Cathedral City** L-10  
Bradley's Mobile Home Service  
257 Van Fleet—328-3941

**Claremont—714** L-9  
Jack's Mobile Home Service  
8256 North Central Avenue  
982-3943

**Compton** C-4  
Mr. Richard R. Tast  
c/o NIDIC Gas Appliance & Equip. Service  
1300 South Washington

**NE. 5-0912 or NE. 1-0184** C-4  
**El Monte—213** C-4  
Arctic Sands  
11429 Garvey Blvd. —443-1240

**Fresno—209** H-6  
Jim's Trl. Serv. & Repair  
4677 E. White St. —251-8763

**Gardena—213** D-3  
Hilco Trailer Repair & Mfg.  
1039 W. Rosecrans—DA. 9-7363

**Hemet—714** L-10  
Floyd Johnson  
c/o Johnson Air Conditioning Co.  
25550 San Jacinto—658-7231

**Thrift Boy Trailer Supply, Inc.**  
40581 Florida Avenue—658-8404

**Valle Vista Trailer Service**  
44219 E. Florida—658-2989

### CALIFORNIA (Continued)

**La Mesa**  
Hardy's Fix It Shop  
7285 University—469-4173

**Lompoc—805** K-6  
Lompoc Trailer Center  
113 N. "G" St. —RE. 6-2116

**Los Gatos—408** H-4  
Frank N. Stoddard  
Your Furnace Man  
15560 Benedict Lane—356-2415

**Mariposa—209** G-6  
Mariposa L. P. Gas Service  
P.O. Box 1144—WO. 6-3752

**North Sacramento—916** F-2  
Glenn's Trailer, Inc.  
1640 Auburn Blvd. —WA. 5-2865

**Oceanside—714** M-9  
Oceanside Trailer Supplies  
1811 South Hill St. —729-5959

**Paradise—916** D-4  
Mobile Home Specialists  
6517 Rocky Lane—877-6068

**Placerville** L-9  
Mr. John H. Holder  
c/o Johnny's Mobile Home Service & Supplies  
#48 Broadway—622-2070

**Red Bluff—916**  
▲Schafer Oil Company  
415 Madison Street—527-3232

**Ridgecrest** C-4  
Lowell Atchley  
A & W Heating & Cooling Service  
P. O. Box 847—FR. 7-6722

**Riverside—714** L-9  
Mr. Ray Jansen  
c/o Ray's Mobile Home Service  
4050 Reene Street—OV. 4-8153

**Sacramento—916** F-4  
Glenn's Trailer, Inc.  
1640 Auburn Blvd. —WA. 5-2865

**San Bernardino—714** L-9  
Bradley's Welding & Trailer  
821 N. Waterman—TU. 4-8896

**San Diego—714**  
Hardy's Fix It Shop  
7285 University—469-4173

**San Jose—408** G-4  
Herb's Trl. Repair & Service  
13100 Haga Drive—227-7762

\* Service for International Air-Conditioning and Astral refrigerators only. (No Heating)

▲ Service for Morphy-Richards equipment only.

**CALIFORNIA (Continued)**

San Leandro-415  
AA Mobile Home Service  
1405 150th Ave. -276-1903

San Pedro-213  
▲ Shirley's Gas Appliance  
1117 South Pacific Avenue-832-7919

Santa Maria  
Mr. Leon M. Ramer  
c/o L. & M. Trailer Repair Service  
1720 South Broadway-WA. 2-2741

Stockton-209  
Alken Company  
2412 N. Wilson Way-466-2331

West Sacramento-916  
▲ Quality Gas  
1623 West Capital Avenue-371-4071

**COLORADO**

Aurora-303  
Aurora Trailer Supply  
1462 Iola Street-EM. 6-8110

Craig-303  
Greeley Gas Company  
390 Yampa Avenue-824-3221

Heintz Plumbing & Heating  
351 Ranney-824-3221

Colorado Springs-303  
Baird Trailer Sales  
5550 No. Nevada-634-0849

Pikes Peak Trailer Supply  
1729 S. Nevada Ave.-ME. 3-1476

Denver-303  
Denver Trailer Supply  
1740 So. Broadway-SH. 4-1081

Ft. Collins  
Bordon's Trailer Supply  
1008 N. College Avenue

Fort Morgan-303  
Howell Trailer Service  
709 Gateway-867-6475

Grand Junction-303  
Mobile Home Service  
1610 Bluegill Drive-242-6684

Trailer Home Rental Service  
U.S. Hwy. 6 & 50-243-2227

Lamar  
Mr. James L. Allen  
c/o Allen Service & Repair  
105 East Hickory-336-7162

Leadville  
O.K. Appliance Service  
115 East 7th Street

Loveland-303  
Ellis Motor & Trailer Sales, Inc.  
Box 143, Hwy. 287-667-3236

Pueblo-303  
Diamond Trailer Sales Co.  
P.O. Box 608-544-5400

Pueblo Mobile Home Service  
3015 Elizabeth-LI. 4-1823

**CONNECTICUT**

Devon  
Mr. Darrell P. Downs  
393 Bridgeport Avenue-TR. 8-0733

East Hartford-203  
Mr. Norman R. Call  
Call's Mobile Home Service  
877 Burnside-528-8629

New Milford-203  
Mobile Home Heater Service  
Sherman Road, R.F.D. 2-EL. 4-3297

Waterford-203  
Walter Lamb Construction  
34 Third Avenue-443-8543

**DELAWARE**

Dover-302  
Lakeland Mobile Home Service  
South State Ext.-674-0180

**DELEWARE (Continued)**

Laurell  
Ruarks House Trailer Repair  
P.O. Box 97-875-5931

New Castle-302  
S & S Mobile Home Supply  
241 So. Dupont Parkway-EA. 8-2694

Rehoboth Beach-302  
▲ Suburban Propane  
Rehoboth Avenue Ext.-227-3331

**FLORIDA**

Boca Raton-305  
\*W.D. Swartz Refrig. Service  
Box 765-395-2420

Daytona Beach-305  
\*Fix-All Refrigeration  
923 Volusia-CL. 2-0052

Eau Gallie  
Kirkland Company  
P.O. Box 605-254-8476

Fort Lauderdale-305  
Palm Gas Service  
2190 Road 84-LU. 3-6830

Gainesville  
Mr. Elmer G. Sowers  
c/o Sowers Heating & A/C Service  
780 N. E. 23rd Blvd.

Hialeah-305  
Palm Appliance, Inc.  
517 West 49th Street-821-7441

Holly Hills  
Mr. Victor Cornwell  
c/o Pinewood Trailer Park-253-9738

Jacksonville  
Mr. A. H. Runyan  
c/o A. H. Runyan Heating & Cooling Serv.  
1179 Cox Road-781-3034

Lake City-305  
Sweat Electric  
Rt. 3, Box 7A1-752-4217

Lakeland  
E. J. Mader  
947 S. Florida

Largo  
Mr. William Schott  
c/o Solar Ray Heating  
10629 - 106th Street - North

Leesburg  
Mr. Clyde Havigton  
Route 2, Box 358-G-787-2176

\*Heating & Refrigeration Service  
P.O. Box 111 Picciola Road-N-L

Lynn Haven  
Refrig. & Power Specialties  
913 Florida Ave.-AM. 5-5732

Marianna-305  
\*Waller Service Co.  
Box 57-HU. 2-3069

Miami-305  
▲ Appliance Service & Repair Company  
2325 N.W. 27th Avenue-635-3966

Jerry's Welding Service  
2710 N.W. 36th Street

Miami Beach-305  
Factory Authorized Service  
214 5th Street-532-6339

Neptune Beach  
Mr. C. Ben Robertson  
c/o Atlantic Blvd. Ice & Fuel Company  
720 Atlantic Blvd.-246-4811

New Port Richey-813  
Wayne's Mobile Home Repair  
P.O. Box 1145

New Smyrna Beach  
Mr. John D. Dwyer  
c/o Nu-Way Trailer Service  
1201 N. Dixie Freeway-428-6822

Ocala-305  
Mr. Eugene M. DeLong  
c/o DeLong Repair Service  
Route #1 - Box 310

**FLORIDA (Continued)**

Ocala-305 (Continued)  
▲ Pat's Appliance Service Center  
Greenville North End-622-6212

Suburban Trailer Works & Park  
2410 South Dixie Hwy-622-6249

Orlando-305  
Paul E. Dryander  
5475 S. Orange Blossom Trail  
GA. 3-5648

Palmetto  
Mr. George T. Davies  
c/o George T. Davies Mobile Home Service  
Box #832-722-2875

Panama City-305  
Mobile Home Service Center  
5215 E. Highway 98-785-8041

Pensacola-305  
Anderson Trailer Sales, Inc.  
3825 Navy Blvd.  
Mr. Edward Hurston  
c/o Capital City Mobile Homes, Inc.  
2817 North Pace Blvd.-433-0269-Htg.

\*Cohron Refrig. & Air Conditioning  
3106 W. Lee St.-HE. 3-4842

Escambia Trailer Repair  
Rte. #2, Box 627A4-456-1092

St. Petersburg  
Gildan Mobile Home Service  
4475 142nd Avenue  
No. Pinellas Airport  
Post Office Branch-527-1350

Sarasota-813  
Earl's Trailer Sales & Service  
7707 So. Tamiami Trail-924-4448

Sarasota Trailer Repair-813  
2594 12th St.-955-6057

Tampa-813  
Paul's Mobile Home Service  
13733 Nebraska Ave.-935-1904

Tavener  
Patrick Mobile Home Sales & Supplies  
Box 222-852-5464

Tavares  
Ralph Wagner  
Ralph's Mobile Homes  
East Highway 441

Titusville-305  
Cherrydon Mobile Homes  
900 No. Washington-AM 73873

Venice  
Thomas Trailer Service  
923 Nokomis Avenue  
Loranie J. Thomas-3-6683

**GEORGIA**

Albany-912  
\*Tom Sadler  
1507 Avalon Ave.-HE 2-7984

Athens-404  
Dillard's  
AAA Mobile Home Corp.  
140 Cleveland Avenue-546-8282

Mr. Winston R. Gregg  
c/o Service Company  
1244 Prince Avenue - (Rear)  
P.O. Box 883-LI. 3-4829 or LI. 3-3379

Columbus-404  
Trailer Gas Service  
1439 Alta Vista Dr.-327-0231

Conyers-404  
Mid-Georgia Natural Gas Co.  
P.O. Box 116-Sales Dept.  
-483-4161

East Point  
K. V. Byers  
2133 Mulberry-PO. 6-5039

Rome  
Mr. W. E. Wintrey  
c/o Wintrey Heating Service  
#34 Pairs Drive-234-8959

Savannah  
Mr. E. T. Anderson  
c/o Castle Mobile Home, Inc., P.O. Box 1314  
Hwy. 17 South, at 52nd St. Ext.-232-4777

Valdosta-912  
\*Humphrey Refrig. Inc.  
1104 West Alden-CH. 2-5008

Warner Robins-912  
Mr. Howard I. Wooden, Jr.  
c/o Flamingo Mobile Home Service Center  
Route #1 - Box 48-31093-923-1291

Waycross-912  
Waycross Plumbing & Heating  
305 Nicholas St.-AT. 3-7326

IDAHO

Boise-208  
Wilson Heating Service  
2021 College Blvd.-342-3917

Grace-208  
Custom Heating Company  
P.O. Box 234-425-3514

Idaho Falls-208  
Sage Heating & Cooling  
454 10th Street

Lewiston  
Mr. M. L. Fisher  
c/o Trailer Wrangles, Inc.  
North & South Highway-SH. 3-8316

Mountain Home-208  
Mountain Home Trailer Parts  
Box 14-Routel-587-4577

Nampa-208  
▲ Drum's Vista Liner Sales & Service  
Karcher Jct. Hwy 30-466-4232

▲ Nampa Trailer Center  
452 Caldwell Boulevard-466-0022

Payette  
Mr. Charles F. Schultz  
c/o Chuck's Heating Service  
Route #1 - Box 242-642-4040

Pocatello-208  
Handy Service  
Adams Drive

Tuckers Appliance Serv. Center  
326 East Center-233-4608

Twin Falls  
Mr. Jim Baker  
c/o Baker's Mobile Homes  
412 Addison Ave. West-733-3358

ILLINOIS

Beardstown  
M. W. Hulst  
Hulst Electric  
Garden St. & Rte. 100-1431

Bloomington  
Tom Grove Mobile Home Maint. & Repair Serv.  
Shady Knoll Trailer Cr., R.R. #3  
829-1459

Blue Island  
Illinois Mobile Home Supply, Inc.  
14225 S. Western-FU. 8-0008

Bourbonnais-815  
Bourbonnais Mobile Homes  
Service and Parts  
932-6826

Carbondale  
Mr. John Short  
c/o Short's Heating & Air Conditioning  
716 Burlison-457-2285

Charleston  
Mr. Gene Harpster  
Harpster's Coles County Gas Co., Inc.  
617 West State St.-DI. 5-3993

Decatur-217  
Complete Mobile Home Service  
125 Pershing Rd.-877-1122

Steve's Mobile Home Service  
639 E. Elm

\* Service for International Air-Conditioning  
and Astral refrigerators only. (No Heating)

▲ Service for Morphy-Richards equipment only.

# ILLINOIS (Continued)

**Des Plaines**  
Mr. Eugene T. Boehle  
c/o Gene's M. H. Service  
815 East Oakton St.—Box 442—VA. 7-5684

**Freeport—815** A-4  
Modern Plumbing & Heating  
223 East Stevenson—232-5513

**Granite City** H-3  
Mr. William Stonum  
c/o Bill's Mobile Home Service Co.  
Box 1064—R.R. #1—TR. 7-4966

**Jacksonville—21** F-3  
A & R Repair Service  
R. R. 1—245-8815

**Lockport—815** B-6  
Ted's Service Company  
Route 1 Parker Road—HU. 5-8536

**Marion** J-5  
Edwards Trailer Sales  
R.F.D. #1

**Melrose Park—312** G-4  
Schrader Mobile Home Service  
1950 River Road

**Moline—309** C-3  
The Novak Service  
302 5th Avenue—762-9404

**Morton—309** D-4  
Ripper Mobile Home  
Rt. 150—264-1691

**Quincy** F-1  
David V. Ross R.R. #7

**Rockford—815** A-5  
Eleventh St. Mobile Home Supplies  
3333 Eleventh St.—963-1660

Bill's Mobile Home Service  
4114 11th Street—963-9515

**Urbana** E-6  
Jim's Mobile Home Service  
Rt. #1, Country Club Heights  
James Sullivan—367-2997

**Waukegan—312** A-7  
▲ Park City Service  
Chestnut & Marshfield—662-2596

# INDIANA

**Bluffton—219**  
Mr. Harold L. Wolf  
406 Westfield Drive -46714  
824-3778

**Clermont—317** J-6  
Robert D. Martin  
B & M Heating  
General Delivery—AX. 1-2185

**Crawfordsville—317** E-3  
Childress Mobile Homes  
1301 So. Mill Street—EM. 2-6091

**Decatur—219** C-7  
Adams County Trailer Service, Inc.  
803 N. 13th Street—3-3138

**E. Indianapolis** F-5  
AAA Heating Service  
3544 Biscayne Road

**Elkhart—219** A-5  
Heilman Heating & Air  
Conditioning  
911 Plum Street—JA. 3-0980

**Evansville—812** K-2  
Tucker's Mobile Home Service  
3304 N. Baker Ave.—NA. 2-5597

**Farmland** C-7  
Mr. Eugene Stanley  
c/o Stanley's Furnace & Sheet Metal Serv.  
R.R. #1 - Box 23—5586

**Fort Wayne** C-7  
Mr. Steven Tharp  
c/o Tharp Heating & Air Conditioning, Inc.  
5009 Avondale Drive—744-4126

**Frankfort—317** E-4  
Wyatt & Son Mobile Home Serv.  
Highway 39 North—R.R. #7  
654-6838 & 654-5680

Huffer Trailer Court—654-5680

# IOWA

**Bettendorf—319** F-11  
Diamond Mobile Home Supply  
P.O. Box 542—355-3241

**Burlington—319** G-9  
Mescher Serv. & Cleaning  
1218 N. 8th St.—PL. 2-2394

**Cedar Rapids—319** D-8  
Earnest R. Courtney  
3701 16th Ave. S.W.—365-5762

▲ Travel Trailer Sales  
Hiway 149-30 West—365-2503

**Council Bluffs—712** F-2  
Vern Clausen's Complete Mobile Home  
Service & Parts  
2000 S. 10th St.—322-1724

**Davenport—319** E-6  
▲ Thomsons Son's Trailer Sales  
R.R. 2 - Hiway 61 South—323-0620

**Des Moines—515** E-6  
Al's Trailer Repair  
5506 14th St.—262-9437

Mr. Merrell Steele  
c/o Tink's Mobile Home Repair Service  
3910 East 14th Street—266-0908

**Claude Pett Trailer Repair**  
3622 5th Ave.—CH. 3-6771

**Iowa City—319** D-4  
Mr. Eugene Tisinger  
c/o Gene's Mobile Home Repair Service  
P.O. Box #750—338-7247 or 338-5863

**Sioux Center** C-1  
Mr. Marvin L. Fedders  
c/o Mobile Home Service Center  
154 Seventh Street N.E.—722-1675

**Sioux City** C-1  
Mr. Bob Frakes  
c/o Allied Services  
2021 South Cleveland—6-4241

\*Grubel Refrig. Co.  
2415 4th St.—20493

**Waterloo—319** C-8  
Marvin's Mobile Home Repair  
Box 2544, Sta. A—AD. 2-9019

▲ Sam Annis & Company  
Box 66 - Rainbow Drive—234-1529

**Webster City—515** C-5  
Mr. Harold C. Nelson  
Keens Service Center  
Highway #20—East—TE. 2-5715

# KANSAS

**Dodge City—316** D-4  
Ross Heating & Plumbing Co.  
300 First Ave.—HU. 3-3101

**Garden City—316** D-2  
\*Cook Refrig.  
1901 North Main—B.R. 6-3388

Mr. Larry Kliesen  
c/o Coast to Coast Store  
120 East Chestnut Street

**BR. 6-7962 or BR. 6-5471** B-1  
**Goodland** B-1  
Goodland Sheet Metal  
1121 College Ave.

**Great Bend—316** C-5  
K & T Mobile Home Service  
800 Frey Street—3-8703

**Manhattan—913** B-8  
Williams Appliance Service  
224 Paynter—PR. 8-3571

**Merrian** C-8  
Mr. Wayne Nicholas  
Mobile Home Service  
9004 West 50th Terrace

**Ottawa—913** C-10  
Mobile Home Service  
Pat Maloney  
116 W. 3rd St.—CH. 2-4909

**Salina—913** C-7  
A & M Mobile Home Service  
625 So. Broadway—TA. 7-7505

# INDIANA (Continued)

**Goshen—219** A-5  
Floyd's Service Co.  
107 Mississippi

**Hammond** A-2  
Hoosier Mobile Home Htg. Service  
6750 Calumet Ave.—WE. 3-7870

**Hanover** I-6  
Jones Trailer Sales & Service  
Route #1—UN. 6-5801

**Indianapolis** F-5  
Burrough's Mobile Home Service  
3744 W. Michigan—ME. 1-2480

Riteway Heating & A/C  
3014 West Tenth Street—ME. 2-7665

**Kokomo—317** D-5  
Mobile Home Service Center  
OOEW 394 South—GL. 2-9911

**Logansport** C-4  
Mobile Home Service Center  
R.R. 3, Box 347A

**Madison** C-6  
Mr. Eugene Eversole  
c/o Madison Heating & A/C Company  
2050 Wood Street -47251—273-3053

**Marion—317** D-6  
\*Dickens Refrig. Service  
1217 So. Branson St.—NO. 4-5911

**Michigan City—219** A-3  
Brinckman Service  
Route #5 Box 417—325-0887

**Monticello** C-3  
Loyall Fischer  
R.R. #3—853-3293

**Muncie** E-6  
Mr. Ross Hartley  
c/o Hartley Heating Supply Company  
1101 South Liberty—282-5914

**New Carlisle** A-4  
Mr. Vernon Ewell Sr.  
R. R. 1—N-L

**North Judson** B-3  
Andy's Mobile Home Htg. Serv.  
506 Ohio Street

**Osgood** C-5  
Mr. A. W. Lemen  
c/o Reynolds Gas Company, Inc.  
215 South Sycamore Street—675-6001

**Peru—219** C-5  
Don's Mobile Home Service  
P.O. Box 402—MU. 9-9553

**Portage—219** F-7  
Mobile Home Service Co.  
2646 Dombey Rd.—962-1675

**Richmond—37031** D-2  
Crech Bros. Trailer Service  
321 S.W. 4th St.—(Non-dial) 37031

**Seymour—812** B-1  
Mr. Kenneth Findley  
c/o Kenneth Findley Mobile Home Service  
R. R. #4—522-5602

**Shelbyville—317** B-1  
Mr. Leland Lusk  
c/o Lusk Ice and Heating  
#53 West Fourth Street—EX. 2-2593

**Terre Haute** C-5  
Mr. Thomas  
c/o Thomas Mobile Homes, Inc.  
2300 Lafayette Avenue

**Veedersburg—317** B-8  
Mr. Leon Stephens  
c/o Stephen's Mobile Home Service  
501 West Fourth Street—294-2359

**Warsaw** C-8  
Mr. C. Holland  
Holland Mobile Homes  
U.S. #30 West

**W. Lafayette—R1. 3-8484** C-10  
52 Inn, Mattox & Sutton  
U.S. 52 North—(Non-dial)

**West Terre Haute** C-7  
Mr. Hurley H. Green  
Avenue Mob. Home Serv. & Sales  
100 E. National—D-0783

# KANSAS (Continued)

**Topeka—913** B-8  
Memory Lane Service Center  
601 W. 57th Street—862-1953

**Wichita—316** E-7  
Specialized Service Company  
1912 West—Lot 21

Todd Mobile Home Supply  
4217 S. Broadway—JA. 4-6371

# KENTUCKY

**Ashland—606** B-10  
Nelson's Trailer Service  
4839 Boyd—325-3389

**Bowling Green—502** D-6  
Mr. Edward Nickols  
c/o Hunt's Trailer Sales & Service  
#31 West By Pass—843-8448

**Corbin** D-8  
Mr. Jerry Poynter  
Route #2 - Box 70-127

**Elizabethtown** C-6  
Smith Mobile Home Service  
P.O. Box 44

**Fort Campbell—615** A-8  
Mr. Anthony Centrellee  
c/o Tony's Mobile Home Repairs  
119 Woodland Trailer Court—431-5312

**Florence** A-8  
Mr. Howard Henson  
c/o Henson Mobile Home Service  
#75 Sanders Drive—341-0361

**Lexington** B-8  
The Robert F. Brown Company  
1693 Margate Drive  
252-1553 & 299-1878

Mr. W. E. Vannatter  
c/o Central Kentucky Refrigeration  
1059 New Circle Road—252-8344

**Louisville—502** B-6  
Central Mobile Home Service  
4905 Dixie Hwy.—447-3721

**Madisonville—502** C-4  
Mr. Hershel O. Young  
c/o Young's Mobile Homes  
U.S. #41 - South—TA. 1-3212

**Morehead** B-9  
Mr. Clay Perkins  
Park's Heating & Plumbing Co.  
Flemingsburg Road—784-5232

**Mount Vernon** C-8  
Mr. R. H. Hamm  
c/o R. H. Hamm - Marketter  
Box 298

**Muldrough** C-6  
Faulkner Electric Service  
P.O. Box 367—W1. 2-3982

**West Paducah** D-3  
Mr. Charles E. McAtee  
c/o Mac's Trailer Repair  
Route #1 - Box 101—442-1806

# LOUISIANA

**Alexandria—318** G-3  
Valentine's Refrig. & Air Conditioning  
P.O. Box 5114

**Baton Rouge—504** B-5  
Mr. Harry Cloud  
c/o Cloud's Trailer Service  
5650 Florida Street—924-6970 or 926-1960

**Bossier City—504** F-1  
Bamburg Mobile Home Repair  
607 Edgar St., Box 5531—423-2183

**Houma** J-4  
Mr. Richard A. Herndon  
c/o Rickey's Repair Service  
2601 East Main Street—VP. 3-8834

**Lake Charles—318** I-2  
Mobile Home Supply  
2210 Highway 171 North—HE. 6-0873

\* Service for International Air-Conditioning and Astral refrigerators only. (No Heating)

▲ Service for Morphy-Richards equipment only.

## LOUISIANA (Continued)

**New Orleans—504**  
R & G Mobile Home Specialists  
11800 Chef Menteur Highway—242-2313  
Mailing address P.O. Box 177  
Hahnville, Louisiana  
▲Pittman Stove Works  
200 N. Clark Street—482-1323

## MAINE

**Auburn** F-7  
Mac's Oil Burner Sales & Service  
McFalls Road, RFD #4, Box 50—784-0971  
**Caribou—207** A-10  
Loring Trailer Sales & Service  
R.F.D. 2—492-1311  
**Eliot**  
Mr. Edward R. LaMarca  
c/o Mobile Home Service  
P.O. Box 62-D - Route #236  
**Gardiner—207** E-8  
\*Haley Refrig. Service  
21 Clinton St.—1847  
Pridham's Oil Burner Service  
Griffin St.—127—Gardiner 582-3930  
**Mexico** E-7  
Young's Mobile Home Service  
9 Highland Terrace—364-2888

## MARYLAND

**Baltimore—301** C-9  
Hensley Home Service Co.  
760 Melville Avenue—467-8021  
**Piney Point**  
Mr. Floyd Thompson  
c/o Thompson's Service—994-0539 or  
994-1269  
**White Plains—301**  
Jack Blair & Company  
U.S. Highway #301—934-8921

## MASSACHUSETTS

**Chelsea—617**  
▲Brian D. Fiske and Associates  
23 Willard Street—243-2808  
**North Adams** A-3  
H. A. George Bottled Gas & Oil  
Burner Service  
651 Ashland Street—MO. 3-6652  
**Shrewsbury** C-7  
Mobile Home Serv. & Repair  
25 Saybrook Rd.—SW. 1-1801  
**Templeton** B-6  
Mr. L. P. Andrews  
Willows Trailer Park  
Athal Road—939-8147  
**Westfield** C-4  
Mitchells Mobile Home Repair & Parts  
#2 Fedora Trailer Pk., Rte. 202  
LO. 8-5125

## MICHIGAN

**Adrian** K-5  
Adrian Oil Burner Service  
3438 E. Toledo Road—Rt. #2  
**Allen Park—313** G-10  
John Marshall  
6637 Lorne—DU. 2-3323  
**Battle Creek—616** J-4  
Bob Frank Trailer Sales  
1416 W. Columbia—WO. 2-8659  
Lakeview Hardware & Supply  
660 Capital Ave. S.W.—WO. 2-7565  
Triangle Sales Company  
993 E. Michigan—WO. 2-5537  
**Benton Harbor—616** J-2  
Friendly Heating Company  
2197 Territorial Road

## MICHIGAN (Continued)

**Caro—517**  
Bernie's Trailer Sales  
1510 E. Caro Road—OS. 3-3835  
**Davison—313**  
Mobile Home Service  
G 1057 Carlson—PI. 2-0016  
**Detroit** J-7  
Eastland Mobile Home Service  
15597 Eastwood—371-6147  
**East Tawas** F-6  
R. A. Meyers Company  
113 E. Tawas Lake Rd.—FO. 2-2091  
**Edmore—517**  
Mr. DeMott  
c/o DeMott Plumbing & Heating  
1459 East Main Street—427-5229  
**Escanaba** D-1  
Mr. Jerome Deloria  
c/o Deloria Sales  
1412 Ludington—ST. 6-6097  
**Farmington** J-6  
Trailer Maintenance Co.  
20832 Tuck Road  
**Gaylord—517** E-4  
Paul Kammeyer  
U.S. 27, So.—732-5740  
**Grand Rapids—616** I-3  
Mr. Donald Seifert  
c/o Home Heating Company  
335 Indiana Ave. - N.W.—456-8615  
Michigan Trailer Ct. Sales & Service  
4044 Division Ave. So.—LE. 4-4965  
**Howell**  
Mr. Donald L. Clark  
c/o B & C Heating  
2151 Brighton Road - Box 224—1173J  
**Iron Mountain—906** C-7  
Donald Hamby  
Star Route, Box 82—542-9018  
**Ironwood—906** B-5  
Garvey Plumbing & Heating  
600 Cloverland—Phone 785  
**Jackson—517** J-5  
C. E. Landon Mobile Distributors  
238 W. Euclid—ST. 2-7111  
**Kalamazoo—616** J-3  
R. Paul Mobile Home Repair  
8542 So. 131 Hwy.—DA. 7-3115  
John Weissner  
822 Cobb Avenue—FI. 3-1087  
**Lansing—517**  
Mr. John F. Beardslee  
c/o Lansing Coleman Company  
702 North Pennsylvania Ave.—484-3661  
**Marquette—906** B-1  
Bob's Awning & Bike Shop  
1616 Kimber Ave.—CA. 5-0817  
**Pontiac—313** I-6  
Jerry's House Trailer Service  
3676 Grafton—335-7748  
**Port Huron—313** I-7  
Trailer Rental Service  
2701 Howard St.—982-8586  
**Saginaw—517** H-5  
Galen's Trailer Service  
201 North 24th St.—754-9891  
Michigan Trailer Lodge  
4232 E. Genesee Ave.—PL. 3-2991  
**South Haven** J-2  
Enders Mobile Home Specialist  
**St. Joseph** J-2  
Mr. Howard W. Harris  
c/o Harris Hydronic Heating Company  
2900 Niles Avenue—983-1621  
**Taylor—313** G-10  
Jim's Mobile Home Service  
26027 1st—CR. 8-1845  
**Traverse City—616** E-3  
Pine Grove Trailer Sales, Inc.  
420 Munson Ave.—WI. 7-6561  
**Warren—313** J-7  
AAA Mobile Home Service  
2544 Nita—755-0870

## MICHIGAN (Continued)

**Whitehall—616** H-6  
Crystal Downs Mobile Haven  
2701 Crystal Lake Road—TW. 3-2102  
**MINNESOTA**  
**Alexandria** J-7  
Mobile Home Adjusting Service  
Route #4 - Box 13  
**Austin** K-2  
Robert Berg  
Trailer Village  
1810 East Oakland  
**Bloomington** I-6  
Jerry's Mobile Home Repair  
4689 Morris Lane—881-3623  
**Duluth—218** F-6-G-7  
Hynnek Mobile Home Repair  
4350 La Vague Rd.—RA. 7-4044  
**International Falls—218** C-5  
Riverside Trailer & Cabin Ct.  
Box 95—283-3474  
**Minneapolis—612** I-5-H-6  
Warren's Mobile Home Repair  
1313 104th Avenue N.E.—784-7644  
**Moorhead—218** F-1  
Twin City Mobile Home Repair  
1212 N. 14th St.—CE. 3-1589  
**New Richland—507** K-5  
Olson Sheet Metal & Plumbing  
465-8013  
**Rochester** J-6  
Mr. Tom Stensrud  
Stensrud Trailer Service  
230-10th Ave. N.E.  
**St. Cloud—612** C-7  
Mr. Ken Mokler  
c/o Mobile Home Service  
156 Cloverleaf Park—252-6078  
**St. James** B-5  
Mr. Clarence Haseman  
c/o Haseman Service  
Box 45—375-3501  
**Winona** J-7  
Mr. Harold Peterson  
c/o Modern Oil Burner Service, Inc.  
213 Center—8-2174  
**MISSISSIPPI**  
**Biloxi—601**  
Mr. Henry J. Blanchard  
c/o Mobile Home Air Conditioning Sales  
964 Dewey Circle—432-1190  
**Columbus—601** E-7  
Southern Trailer Dist.  
P.O. Box 282—434-6211  
**Gautier—601**  
▲Mobile Home Supply Company  
Hiway 90—762-7499  
Southern Trailer Dist.—332-8994  
**Handsboro** I-6  
Coast Mobile Home Repair  
Ralph LaPosser—Box 281  
**Jackson—601** F-5  
Mr. W.M. Singletary  
c/o Television Appliance Service Co., Inc.  
311 West Pascagoula—354-5367  
Southern Trailer Distributor, Inc.  
P.O. Box 5806—939-2674  
**Lawrel** G-6  
Mr. C. Homer Hicks  
c/o Hicks A/C & Heating Service  
Wansley Drive, P.O. Box 651  
**428-0034 or 428-8112**  
**Meridian—601** F-7  
Akins Mobile Home Sales  
615 50th Ave., Hwy. 11 South  
482-6336  
**Vicksburg** J-7  
Mr. M. O. Thornell  
c/o Thornell Refrigeration Service  
503 Dabney Ave.—638-1942

## MISSOURI

**Columbia** C-6  
Hawkin's Service—2-4749  
**Crestwood**  
Mr. Gunthrie (Gus) Hill  
9618 Highway 66—V1. 3-6990  
**Fenton** D-8  
Tom & Jerry Service  
No. 1 W. Lark Dr.—DA. 6-0556  
**Iberia—314** E-6  
Ponder's T.V. Service—SW. 3-3141  
**Jefferson City** C-3  
Mr. Sheldon Gentry  
c/o Mobile Home Service & Supply  
1230 Jefferson Street—635-3062  
**Joplin—417**  
▲S. & S. Gas Repair Service  
54th and Main  
**Kansas City—816** C-3  
Mr. Donald Asbell  
c/o Mobile Home Service Company  
8620 East #40 Highway—WA. 3-5555  
**Kirksville** A-5  
Williams Htg. & Sheet Metal Co.  
610 N. Marion  
**Knob Noster—816** D-4  
B & R Supply Company  
LO. 3-2731  
**Louisiana**  
Mr. Mackie D. Love  
c/o Appliance Service Center  
223 North "B" Street—SK. 4-5516  
**Parkville** D-1  
Mr. Edward L. Boyd  
c/o Ed's Mobile Furnace Service  
5918 47th Way N.W.—SH. 1-1138  
**Poplar Bluff** G-8  
Bill's Mobile Home Service  
R. R. #3, Hwy. 60 East  
**Sedalia** D-4  
Mobile Home Service and Supply  
Route #3 - Box 25—TA. 7-0234  
**St. Charles** D-8  
Joe Jerobek  
83 Rosewood Drive—RA. 4-6807  
**St. Louis**  
Mr. Perry Hill  
c/o International Service Division  
3435 Chouteau Avenue—PR. 1-3933  
**Union** D-7  
Mr. Austin J. Stephen  
c/o Stephen's Mobile Home Service  
415 Koelling Avenue—LU. 3-3448  
**Valley Park** D-8  
AMCO, 125 W. Hwy. 66  
Nelson Moses—Valley—5-8838  
**Waynesville—314** E-6  
Central Trailer Repair  
Rt. 2 Fort Leonard Wood  
Main Gate—PR. 4-2302  
**MONTANA**  
**Billings—406** E-7  
Bill's Mobile Home Service & Supply  
101½ Moore Lane—252-2238  
Mr. Kenneth L. Hofferber  
c/o Kenny's Heating & Service  
236 Prickett Lane—245-3996  
▲Speed Mobile Homes  
22nd and 4th Avenue North—252-9222  
**Black Eagle—406** G-6  
Tom Wardall  
Wardall Mobile Homes  
P. O. Box 706 Haver Hwy.—452-5472  
**Bozeman—406**  
Mr. Tschache  
c/o O Bar J Trailers, Inc.  
900 North Seventh - Box #716  
**586-6104 or 587-7259**  
**Butte—406** D-4  
Dean Doak Trailer  
2100 Harrison Ave.—792-2329

\* Service for International Air-Conditioning  
and Astral refrigerators only. (No Heating)

▲Service for Morphy-Richards equipment only.

**MONTANA (Continued)**

Glasgow-406 B-9  
Char-El Trailer Sales-228-9223  
Glendive-406 C-10  
Char El Mobile Home Sales and Heating  
-365-5000  
Great Falls-406 C-5  
Falls Mobile Home Center, Inc.  
3434 Tenth Avenue South-454-0712  
Havre-406 A-6  
Klabunde Mobile Homes & Htg.  
Highway #2 East-265-4732  
Kalispell-406 B-2  
Greg's Mobile Homes & Heating  
City #7-Highway #2-756-7500  
Lewistown-406 C-6  
Hank's Trailer Sales & Service  
Box 713 - By Pass Highway-538-5075  
Missoula-406 C-2  
Rangitsch Bros. Trailer Sales & Htg.  
Highway #10 West-549-4270  
Mr. Orville D. Bonebright  
Thrasher's Heating Service  
1800 South 5th-West

**NEBRASKA**

Albion-402 D-8  
Miller Trailer Sales  
317 Main St. -395-2170  
Grand Island-308 E-7  
Mr. Albert O. Snyder  
c/o Snyder Heating & A. C.  
416 West 11th  
Mr. Warren Tankesley  
c/o Warren Tankesley Mobile Home Repair  
1720 South Lincoln-384-0602  
Lincoln-402 E-9  
Mr. Edwin D. Koehler  
c/o Ed's Trailer Service & Repair  
3250 Adams - Lot #27-434-4883  
Mobile Home Supply  
2630 1/2 Adams St. -434-2085  
Ft. Crook Mobile Home Service & Supplies  
4014 South 13th Street-731-3833  
Mr. Marvin Stevens  
c/o Marve's Mobile Home Service  
11006 Harney - P.O. Box 1515,  
Peony Park Station-333-6281  
Ord-308 D-7  
\*Anderson's Air Conditioning  
728-5131  
S. Sioux City B-10  
Niel's Mobile Home Service  
1201 1st Avenue  
Sidney-308 D-2  
\*Hand's Refrigeration Service  
Rte. 2, Box 25-254-3013  
Valentine-723 B-5  
Swanson Electric  
423 W. 2nd St.

**NEVADA**

Las Vegas-702 G-5  
Lomker's Trailer Service  
451 N. 11th St. -DU. 2-8872  
Vegas Trailer Supply  
2808 - 10 Fremont Street-382-7913  
▲ Vegas Trailer Service  
2808 East Fremont Street  
Reno-702 C-1  
Old Orchard Trailer Supply  
295 So. Virginia-329-0223  
Mr. Andrew C. Ross  
c/o Bobs Trailer Repair  
775 Gentry Way #59-FA. 3-0153

**NEW HAMPSHIRE**

Hudson-603 A-3  
Mr. Lawrence E. Olson  
Olson's Oil Burner Service  
Darlene Lane, Box 614-TU. 3-7248

**NEW HAMPSHIRE (Continued)**

Laconia-603 E-4  
Larson's Mobile Home Service  
R. F. D. #1-LA. 4-5993  
**NEW JERSEY**  
Avenel-201 I-1  
Murray's Mobile Home Service  
2 "K" Street-634-4140  
Hammonton-609 H-3  
Domenico Oil Company  
762 Twelfth St. -LO. 1-1583  
Keyport E-5  
\*Mr. Harry F. Tracy, Jr.  
c/o Tracy's Refrig. & A/C  
#16 Locust Grove Trailer Court  
787-4480 F-3  
Lyndhurst-201 F-6  
Oberholtzer & Son  
P.O. Box 252-933-0474  
Neptune F-6  
Bowker's Mobile Home Service  
P.O. Box 281-774-0294  
North Cape May E-7  
Mr. E. William Conover  
c/o William Conover - Heating Contractor  
304 Arctic Avenue-886-5306  
Northfield-609 I-4  
Chet Barr Refrig. & Air Cond.  
107 Putting Green Avenue-MI. 1-6486  
Trenton-609 F-4  
Henry Ezze  
Mobile Home Service & Repair  
Old Trenton Road-448-0853  
**NEW MEXICO**  
Alamogordo E-9  
D.M.H. Supply  
Box 429  
Albuquerque-505 C-8  
Gunn's Travel Trailers, Inc.  
7707 Menaul, N.E. -299-7694  
▲ Charles Z. Mitchell Refrigeration  
5127 Sunningdale N.E. -256-9651  
Mr. Edwin L. Osburn  
New Mexico Trailer Repair  
10921 Acoma Rd. S.E. -299-1986  
Carlsbad F-10  
Harvel Appliances  
P.O. Box 161-TU. 5-2938  
\*McNatt Refrig. Service  
629 Madraera  
Grants-505 C-7  
Trailer Parts & Service  
P.O. Box, 2273 Milan Sta. -N-L  
Roswell-505 D-10  
Hoffman Plumbing Company  
508 1/2 N. Richardson-MA. 2-5050  
Santa Fe-505 B-9  
Cotton Butane Company, Inc.  
Box 4037-982-3563  
Socorro D-8  
Socorro Butane Company  
Box 34  
**NEW YORK**  
Albion-716 C-3  
Allen's Mobile Home Service  
14116 Ridge Road-R.D. 4-LT. 9-9309  
Altamont-518 C-6  
▲ La Morder Trailer Sales -355-2691  
Auburn-315 C-6  
Cuddy & Geherin  
77 Clark Street-253-5461  
Blossvale-315 C-11  
Mr. Howard J. Dillman  
c/o Dillman Mobile Home Service  
Pine Haven Trailer Ct., R.D. #1-337-4668  
Cambridge-518 C-11  
Mr. Henry S. Bates, Jr.  
#8 North Parks Street-677-3421

**NEW YORK (Continued)**

Canandaigua-315 C-5  
Patio Motel & Trailer Park  
RFD #2-394-4377  
Central Square  
Mr. William H. Glenn  
c/o Glenn's Home Heating-NO. 8-3777  
DeWitt-14 C-7  
Mr. Kenneth Sebrin  
Ken's Mobile Home Service  
Erie Trailer Park-Lot #49-GL. 6-6507  
Geneva D-5  
Mr. Michael G. Barry  
292 Castle St. -789-6751  
Glens Falls C-11  
Grey Electric Company  
Sunnyside Rd., Rte. 1-RX. 2-0872  
Huntington Station, L.I.  
Mr. R. G. Hand  
88 East 23rd Street-HA. 1-5797  
Islip Terrace, L.I.  
Mr. Joseph Aquilla  
c/o Personal Mobile Service  
254 Rockaway Street-Juniper 1-3482  
Johnson City-607 E-7  
Joseph R. Fredette  
c/o Endicott Oil Burner Service  
Death Valley Rd., R.F.D. #2-PI. 8-7764  
Ken's Trailer Repair Service  
215 Trailer Village-729-3766 or 785-5912  
Kingston-914 F-4  
Mr. Bob Amsler  
c/o A & W Mobile Home Service  
Albany Avenue Extension  
Lathan Trailer Sales-338-8711  
Lackawanna-18 D-2  
Poole's M.H. Parts & Service  
1883 Electric Avenue  
825-7423  
Little Falls C-9  
Steele's Mobile Home Service  
R.D. #3  
Massena-315 F-10  
Mr. Floyd Payment  
#11 West Oreis Street  
909-7525  
Montgomery F-10  
Arnold Puff  
Arnolds Mobile Home Parts & Service  
RFD 1, Route 17-K-JO. 1-3760  
Niagara Falls D-8  
Mr. Eugene Trent  
c/o Lucky M.H. Repair & Service  
9370 Pine Avenue-BU. 3-7629  
Norwich D-10  
Hoke Heating Service  
Box 281 - R.D. #1  
334-2577  
Ogdensburgh-315 A-2  
Morning Star Mobile Village  
R. F. D. #1-393-0890  
Olean-716 E-3  
Dam's Mobile Homes  
P.O. Box 146-FR. 2-8632  
Plattsburgh-518 A-5  
Mr. William Gray  
Box 320, R. F. D. #1-JO. 1-3820  
Pomona-914 C-3  
Pat Swain Heating & Electric Repair  
74 Quaker Rd. -HA. 9-4732  
Poughkeepsie-914 F-10  
Ken's Mobile Homes Heating & Air  
Conditioning  
Noxen Rd., R.D. #2-GL. 2-5095  
Riverhead C-7  
Mr. John Weidner  
Rollin Trailer Sales  
882 Harrison Avenue-PA. 7-0917  
Rochester-716 C-4  
Mr. Robert H. Kittle  
c/o Complete Trailer Service  
#14 Dalewood Drive-FR. 7-4510  
Gordon's Mobile Home Service  
1470 Clinton North-FI. 2-8115

**NEW YORK (Continued)**

Rome C-8  
Liberty M. H. Repair  
Tuxedo Trailer Park-FF. 7-5341  
Sidney E-8  
Mr. Rolland A. Leonard  
#15 Oak Avenue-LO. 3-5063  
Syracuse-315 C-7  
▲ Foland Sales Incorporated  
407 North Midler Avenue-463-1829  
Sutphin Supply Corporation  
914 No. State-472-7514  
Unadilla  
Mr. Carlton L. Yanson  
c/o Yanson's Mobile Home Service  
S.U.T.C. - R.D. #1-563-2043  
Vestal-607 E-7  
Dick's Mobile Home Service  
204 Vestal Parkway-N-L  
Wyandanch, L.I. G-2  
Irving Helman  
Power Cleaning Corp.  
#3 15th Street-MI. 3-7344

**NORTH CAROLINA**

Asheville B-3  
Asheville M. H. Serv. Center  
50 Elkwood Avenue-AL. 3-4444  
Black Mountain-704 B-3  
Service, Inc.  
114 Second St.  
Biscoe  
Mr. Bill Hall  
c/o Bill's Service Center  
Box #284-8-8176  
Cameron  
Mr. Eugene B. Bush  
c/o Gene's Trailer Maintenance  
Route #2-497-3363  
Fayetteville  
Mr. Lee E. Rorschach  
c/o E & L Service Company  
1020-D Robeson Street, P.O. Box 3072  
484-6566  
Jacksonville C-9  
Eastwinds Mobilehome Supplies  
347-1938  
Midway Park-919 C-9  
Eastwinds Mobilehome Supplies  
Highway #24 - East-347-1938  
Raleigh-919 B-8  
Mr. Charles W. Black  
c/o Black's Mobile Home Serv. Center  
Route #2 - Poole Road-828-7378  
Mobile Home Repair Service  
Box 703-708 Downtown Blvd. -VA. 8-5419  
Winston-Salem  
Mr. Steve Stephens  
c/o National Mobile Home Service  
P.O. Box 4067 North Station-723-2111

**NORTH DAKOTA**

Bismarck-701  
Mobile Home Service Company  
Box 482-Highway #83-North-255-1705  
Devils Lake-701 C-5  
Tuchscherer Furnace  
818 Kelly-MO. 2-3797  
Grand Forks C-7  
Mr. Clyde Bullock  
c/o Service, Inc.  
1426 South 19th Street-774-5920  
Jamestown-701 E-5  
Clark's Repair Service  
803 7th Ave., S.E. -252-3031  
Minot C-3  
Thomas Wilson  
Mickey's Trailer Court

\* Service for International Air-Conditioning  
and Astral refrigerators only. (No Heating)  
▲ Service for Morphy-Richards equipment only.

## OHIO

**Akron-216**  
Art's Mobile Homes Service  
380 Columbine Ave.—**MA**. 8-1220

**Ashland**  
Mr. Melvin C. Hughes  
c/o Hughes Trailer Accessories  
152 Orange Road—4-4526

**Astabula**  
Herb's Mobile Home Service  
5713 Dunbar Avenue—997-2464

**Bedford Heights**  
Bob's Mobile City, Inc.  
26021 Aurora Road—232-1428 & 232-1429

**Belpre-304**  
Wood Mobile Home  
Rt. #1—423-7323

**Brookpark-216**  
Mr. Kenneth E. Neuffer  
c/o Ken's Mobile Furnace Serv.  
13312 Starlite Drive—884-3753

**Bryan-419**  
Rohr Heating & Service  
207 No. Walnut St.—636-1668

**Celina-419**  
Kinnison Tin Shop  
419 W. Warren Rd.—586-2481

**Cincinnati-513**  
Dillingham Mobile Home Serv.  
330 Reading Road—821-8844

**Franks Mobile Home Supply**  
8269 Robert Ave.—521-0272

**Cleveland-216**  
C & R Mobile Furnace Service  
4958 Grayton Rd.—**CL**. 2-2943

**Columbus-614**  
Authorized M. H. Service  
2928 Westerville Rd.—267-8339

**Dayton-513**  
Mr. Jim Kirchner  
c/o Jim's Mobile Home Supply  
3895 North Dixie—278-5887

**Elyria-216**  
Taylor's Mobile Home Service  
219 University Ave.—**FA**. 2-7301

**Hamilton-513**  
Melvin Gulley Furnace Service  
2317 Cardinal—736-7161

**Lancaster**  
Mobile Home Parts, Inc.  
c/o Dannies Trailer Sales  
1712 North Memorial Drive

**LeMayne-419**  
Lafferty's Leisure Homes  
Box 418 U.S. Route 20—837-3901

**Lima-419**  
Appliance Repair Service  
Vine & Pine—224-2881

**Logan-614**  
Dannies Trailer Sales  
Route No. 3—Box 231

**Paul Proctor**  
P.O. Box 231—**EV**. 5-5400

**Mansfield-419**  
Central Ohio Mobile Home Serv.  
75 Brickman Avenue—**N-L**

**Marion**  
Mr. Don Wortz  
c/o Marion Petroleum Service  
411 West Center Street—383-5852

**Winco Htg. & Air Cond.**  
635 West Columbia

**Massillon**  
Art Gerlach  
Massillon Heating Service  
1050 Eleventh Avenue N.E.

**Mentor**  
Mil-Rich Trailer Parts  
Rte. 20—2169 Mentor Ave.

**New London-419**  
Mr. Harold C. Smith  
c/o Smith Electric  
186 William Street—929-2964

## OHIO (Continued)

**D-9** **New Philadelphia**  
Schwartz Mobile Home Sales  
1731 E. High Avenue—4-2043

**E-7** **New Vienna-513**  
Drake Trailer Service  
2 Miles North of 73 at State  
Road 729—987-3501

**B-10** **Niles-216**  
Ralph's Mobile Home Sales and Service  
521 Youngstown Rd.—**OL**. 2-1333

**C-9** **N. Canton-216**  
Mr. Ed Swigart  
1245 N. Main St.—**HY**. 9-6519

**J-9** **Ravenna**  
Vickers Trailer Sales  
3002 State - Route #5

**B-6** **St. Clairsville-614**  
Storts Service  
Box 84—695-1597

**C-2** **Sandusky-419**  
Best Mobile Home Supply  
615 Horseshoe At West Monroe—625-1656

**F-2** **Springfield-513**  
Horton Furnace Company  
121 Snyder Street—322-8886

**K-1** **Stony Ridge-419**  
Stony Ridge Garage, Inc.  
827-2881

**C-8** **Toledo-419**  
Mr. Tennyson Jordan  
c/o J & M Heating & Service  
5050 Prestler Road - 43615—536-6284

**H-5** **Toronto-614**  
Brewster Mobile Homes  
1104 No. 4th St.—**LE**. 7-1526

**I-3** **Vienna-216**  
Mr. William H. Hagood  
c/o Tri-City Mobile Homes, Inc.  
Route #170 - Box 216—856-2303

**D-7** **Wellsville**  
Smith Heating  
715 Main St.—532-2305

**J-2** **Zanesville**  
Zanesville Mobile Home Service  
Box 141-M, Rte. 1,  
Corvus Dr.—453-2677

**I-6**

**OKLAHOMA**

**Altus**  
Mr. William H. Baker  
c/o Baker's A/C & Refrigeration Service  
1001 Loyadell—**HU**. 2-7933

**E-3** **Henryetta**  
Mr. James E. Littleton  
c/o Littleton's Plumbing & Appliance Co.  
301 North First Street—**OL**. 2-3182

**E-6** **Lawton-405**  
Mr. Carroll Pamplin  
c/o Southwest Mobile Home Repair  
P.O. Box 1123—**EL**. 3-2463

**A-11** **Miami**  
Mr. C. E. Trussler  
c/o Trussler Sheet Metal  
307 First Avenue, S.E.—Kimball 2-2065

**F-5** **Oklahoma City-405**  
Jack's Mobile Home Service  
1213 No. Indiana—**JA**. 8-1638

**B-9** **Tulsa-918**  
Oklahoma Mobile Home Service and Supply  
3119 E. Admiral Pl.—**WE**. 9-0453

**F-5** **Trailer Parts**  
7845 East Admiral Place—838-7333

**OREGON**

**Albany-503**  
Mr. Bill Houfek  
South Side Trailers  
Route #3—Box 1011—**WA**. 8-7473

## OREGON (Continued)

**F-9** **Bend-503**  
Mr. Gene Patterson  
c/o Ideal Gas & Appliance  
Box 706—382-3823

**J-4** **Empire-503**  
Harbor Service  
170 S. Broadway—888-4369

**D-10** **Eugene-503**  
Ed's Burner Service  
535 Pearl St.  
P.O. Box 3222—**DI**. 5-6016

**E-9** **Eugene Trailer Sales & Service**  
1930 Empire Park Drive—342-2413

**D-9** **Magic Gas & Appliance Company**  
110 Hiway 99 North—344-2283

**G-10** **Klamath Falls-503**  
Mr. Warren Poole  
c/o Poole's, Inc.  
3125 South Sixth—**TU**. 2-2801

**C-6** **Robert L. Schlotfeldt**  
3617 Boardman Ave.—**TU**. 4-8436

**H-4** **Madras-503**  
Bill Johnson Furnace Sales  
P.O. Box 536—475-3566

**C-4** **McMinnville**  
Mr. Ben Bunn  
c/o Bunn's Trailer Service  
Junction of Highway 99 West & 18

**F-11** **472-6181**  
**Medford-503**  
Kennedy Fuel Oil  
922 Boardman  
P.O. Box 191—779-1515

**Milton-Freewater-503**  
Milton-Freewater Appliance Serv.  
904 Evans St.—938-3532

**F-11** **Myrtle Point-503**  
Suburban Gas Service  
420 8th St.—572-2722

**H-8** **Portland-503**  
Crown Trailer Supplies  
6600 N.E. Union—**AT**. 1-5849

**Roseburg-503**  
Orville's Fix It Shop  
531 N. E. Garden Valley Blvd.  
**OR**. 2-4511

**Salem-503**  
Doughton Trailer Service  
1820 - 19th St.—**NE**. 363-3483

**The Dalles-503**  
R.A. Twiss Company  
207 Federal Street—**CY**. 6-2720

**Umatilla-503**  
Hagg's Trailer Sales  
P.O. Box 183—992-3752

**PENNSYLVANIA**

**D-10** **Allentown-215**  
Mr. Robert J. Mahlon  
Ace Mobile Home Serv. & Oil Co.  
654 No. Jerome St.—434-3320

**D-10** **Bowmansville**  
C.M. Good Oil Heating Serv.—445-4027

**Camp Hill-717**  
Mr. Roy E. Klinger  
c/o Camp Hill Mobile Home Service  
107 St. John's Church Road—761-1891

**F-6** **Catsaque-215**  
Roy's Mobile Home Service  
Box 165—264-2118

**E-8** **Chambersburg-717**  
Mr. Clyde Speidel  
c/o Spidel Oil Burner Service  
507 Hood Street—**CO**. 3-1003

**B-6** **Cornwall**  
Mr. R. C. Iceman  
c/o Iceman Mobile Home Maintenance  
Box 188—273-4055

**B-6** **Cornwells Heights**  
Terry's Mobile Home Service  
1302 Bristol Rd.—**ME**. 9-2422

## PENNSYLVANIA (Continued)

**Factoryville** **B-9**  
Mr. Stanley C. Thompson  
c/o Chuck's Mobile Home Service  
#87 Lake Winola Road—Whitehall 5-7651

**E-1** **Hawley-717** **B-10**  
Robert Laabs  
R.D. #1, Box 277—226-4957

**D-2** **Hummels Wharf**  
Mr. Foster S. Shrawder, Jr.  
c/o S.R.S. Electric  
P.O. Box #95—743-4572 or 743-4573

**Jennerstown-814**  
Kreger Mobile Home Service & Repair  
P.O. Box 117—**MA**. 9-6222

**E-4** **Johnstown**  
Leckey Mobile Home Service  
1220-30 Wm. Penn Ave.—539-6464

**E-8** **Lebanon**  
TV Appliance & Heating  
Box 519—273-1261

**E-8** **Middletown**  
D & R Mobile Home Service  
1275 Vine St.—Mtd. Route  
717-944-6008

**B-2** **Mt. Aetna-717**  
Homer Gassert—933-4237

**C-1** **New Castle**  
Rice Mobile Homes  
Rte. 422W  
R.D. #2—**OL**. 8-9851

**C-4** **Pentfield-814**  
Mr. Andre Ireland  
R.F.D. #1—637-5389

**E-9** **Reading-215**  
Ash Mobile Home Serv. & Sales  
1144 Robeson St.—376-2290

**F-7** **Saxonburg-412**  
International Oil Burner Service  
352-1918

**C-1** **Sharon**  
Twin Trailer Sales  
240 Route 18—347-7782

**E-2** **State Line**  
Keeler's Service Center  
Greencastle—597-7426

**A-3** **Warren**  
Mr. William L. Spetz  
c/o William L. Spetz Heating & A/C  
213½ Onondaga Avenue—P.O. Box 854

**B-5** **723-8119**

**A-7** **Williamsport-717** **C-7**  
Trailer Owners Service  
616 Wilson Street—322-2243

**Willow Street**  
Robert D. Newcomer  
R.R. #2—393-1867

**F-8** **York**  
Mr. Jesse W. Posey  
Posey Mobile Home Service  
2505 South Susquehanna Trail—741-1639

**RHODE ISLAND**

**E-7** **North Kingstown-401**  
Mr. A. E. Di Sain  
c/o Valley Trailer Repair  
115 Sunnybrook Drive—884-5423

**D-8** **Pawtucket**  
Horace McCambridge  
H. McCambridge Oil Service  
64 Kenyon—722-3588

**SOUTH CAROLINA**

**Charleston**  
Mr. Chuck Morris  
1851 Piper Drive—766-0495

**F-6** **Charleston Heights**  
Mr. Earl A. Brant  
c/o Charleston Hts. Home Improvement Co.  
#78 Madden Drive—**SH**. 7-1169

\* Service for International Air-Conditioning and Astral refrigerators only. (No Heating)

▲ Service for Morphy-Richards equipment only.

**SOUTH CAROLINA (Continued)**

**Columbia-803**  
Duncan's Heating & A/C Service  
6935 Shakespeare-787-2125

**Greenville-803**  
Mr. Harold Lee  
205 Sunnydale Drive  
**N. Augusta-803**  
Crech Refrig. & Heating Company  
831 E. Buena Vista Ave.-822-3609

**Port Royal**  
Mr. J. D. Parrish  
Box 327-524-4674

**Sumter**  
Mr. B. C. Fleming  
c/o Fleming Mobile Home Service  
1260 Broad Street, Box 727-469-3483

**SOUTH DAKOTA**

**Aberdeen**  
Mr. Melvin Smith  
c/o Smitty's Mobile Home Service & Parts  
102 So. Illinois St.-225-4031

**Belle Fourche**  
Mr. Lyle M. Lovell  
c/o Western Mobile Home Supplies  
Box 16-892-4393

**Clark**  
Seaver Plumbing & Heating-4792

**Huron (Zip 57350)**  
Barnes Heating & Cooling Serv.  
Box 760-EL. 2-2131

**Lake Preston**  
Mr. James White  
c/o Preston Furniture & Appliance  
Lake Preston-847-4458

**Mobridge**  
Mr. Paul Hlavinka  
c/o Paul's Repair  
621 Seventh Ave.-East-845-2496

**Pierre-605**  
Rieger Electric Service  
425 E. Sioux Avenue-224-5297

**Rapid City-605**  
Home Gas Service  
9th and Philadelphia-FI. 2-9061

▲ **Rapid Travler Coaches**  
2413 Hiway 79 South-343-4864

**Sioux Falls**  
Mr. Donald Bliss  
c/o Waterbury Heating Service  
3204 South Walts Avenue-332-7625

**TENNESSEE**

**Bristol-615**  
Bristol Trailer Repair  
1120 Blountsville Highway-764-6541

**Chattonooga**  
Mr. James Snyder  
c/o Metro Trailer Service  
5315 Ringgold Road-629-0458

**Jackson**  
Mr. William W. Collins  
c/o Temperature Controlled  
258 W. Chester St.-427-5636

**Johnson City-615**  
Mr. Arnold E. Jones  
Jones Mobile Home Serv. & Rep.  
Route #2, Box 394, Erwin Hiway

**928-5561**

**Knoxville-615**  
Mr. "Curley" Lambert  
c/o Curley's Trailer Service, Inc.  
4723 Clinton Highway-689-1028

Mr. Elza H. Wilkins  
213 West Clinch Street - 37902

**Manchester**  
Shady Grove Trailer Sales  
Hillsboro Hwy.

**TENNESSEE (Continued)**

**E-5** **Memphis-901**  
Kenneth Latch Refrig.  
1400 Quinby-EL. 7-1682

**C-3** **Nashville-615**  
Watson's Electrical Repair & Appliance  
Service

**E-4** **1003 North First Street-262-0142**

**TEXAS**

**Abilene-915**  
D & R Trailer Sales  
2301 Huckleberry Lane

**Amarillo-806**  
Wilson's Mobile Supply  
5315 N. E. 8th St.-DR. 4-7082

**Austin**  
Mobile Heating & Cooling  
2211 Post Road #75-HI. 2-3402

**Beaumont-713**  
Automatic Controls Company  
1589 College-TE. 3-9463

**Big Spring-915**  
D & C Trailer Sales  
3910 W. Highway 80-AM. 3-4337

**Corpus Christi-512**  
Murray's Appliance Repair  
5402 Highway 9-TU. 4-5758

**Dallas-214**  
Centex Air Conditioning & Heating Co.  
4215 Maple-LA. 6-0355

**Del Rio-512**  
The Mobile Homes Shop  
1300 East 3rd St.-N-L

**El Paso-915**  
Mr. Bill Ferguson  
c/o Bill's Mobile Home Parts & Repair  
Center

7910 Sheridan Road - P. O. Box 4553  
SK. 5-0854

**H-4** **Plains Mobile Homes of El Paso**  
7618 Sheridan Road

**H-1** **Ted's Trailer Service**  
7211 Dale Road-PR. 2-6198

**Falfurrias**  
Mr. Jim P. Hippler  
c/o Hippler Refrigeration Service  
508 East Bowie-325-3220

**Ft. Worth-817**  
Ed Bearden's Mobile Home Service  
and Repair  
2509 Market Ave.-MA. 6-1230

**Houston-713**  
Hains Trailer Service  
2916 Fay Street-WA. 1-7238

**E-11** **Killeen**  
Centex Mobile Home Service  
922 West Highway #190

**G-7** **Mr. William Spraggins**  
c/o SAS Mobile Home Repair  
Route #1 - Box 382-OK. 9-4262

**La Porte**  
Mr. E. L. McLean  
c/o McLean Heating & A/C Service  
500 North 11th Street-GA. 1-1237

**E-10** **Lubbock-806**  
Cope Mobile Home Repair  
P. O. Box 3121-SW. 5-1441

**McAllen**  
Mr. C. Stanley McKinny  
314 South 11th Street-MU. 6-2623

**D-12** **Mt. Pleasant-214**  
Wood Air Cond. & Supply Co.  
312B West 15th St.-PA. 4-2146

**F-5** **Odessa-915**  
Plains Mobile Home, Inc.  
5718 Andrews Hwy.-EM. 6-3071

**I-9** **San Antonio-512**  
State Mobile Home Service  
1234 Austin Highway-TA. 6-1602

**TEXAS (Continued)**

**G-1** **Valley Mills-817**  
Smith Electric  
Route #2-WE. 2-5538

**E-5** **Wichita Falls-817**  
Mac's Trailer Repair  
1150 Shepard Access Rd.-322-6511

**UTAH**

**E-7** **Moab-801**  
Willis L. Ball  
Box 491 Airport Road-253-7022

**B-5** **Ogden**  
Arv's Trailer Repair  
1030 W. Riverdale Road-394-7432

**H-9** **Mr. E. Claude Carpenter**  
Carpenter Furnace  
254 20th St.-EX. 3-4532

**H-13** **Salt Lake City-801**  
Ken & Joe Trailer Cabinet Shop  
245 Plymouth Ave.-AM. 6-5684

**F-6** **Mr. Wayne Davis**  
Wayne Davis Mobile Home Serv.  
3850 West-3240 South-CY. 8-4209

**K-10** **Vernal-801**  
Modern Heating Service  
P. O. Box 306-789-3199

**E-10** **Quality Heating & Air Cond.**  
P. O. Box 465-789-1876

▲ **Utah-Colorado Gas Company-Vernal 719**

**VERMONT**

**Lyndon Center**  
Mr. David S. Johnson  
c/o Johnson's Heating and Plumbing  
626-5719

**Mallette Bay**  
Don Mobile Homes Service  
St. Albans

**B-1** **Mr. Roland O. Bressette**  
R. F. D. #2-LA. 4-2644

**C-3** **St. Johnsbury**  
St. Johnsbury Mobile Home Serv.  
R. F. D. #4, Memorial Drive-748-3746

**G-2** **West Brattleboro**  
Williams Mobile Home Service  
R. F. D. #4-254-2546

**VIRGINIA**

**Bristol**  
Mr. William H. Smith  
c/o Bristol Heating & A/C  
2010 Lee Hwy. P. O. Box 891

**366-669-2332 or 669-6049**

**Emporia-703**  
Appliance Service Company  
210 School St.-ME. 4-2270

**D-5** **Fredericksburg**  
Granger Mobile Home Supply  
300 Harrison Road

**D-6** **Gate City**  
Mr. Charles W. Carr  
c/o Charles W. Carr, Associates  
Route #4-386-7240

**D-6** **Harrisonburg-703**  
Mr. William B. Kile  
531 E. Wolfe St.-434-3410

**F-6** **Lynchburg**  
Bateman's Mobile Home Service  
#21 Mallow's Trlr. Ct.-239-4412

**G-10** **New Port News**  
Mr. John V. Russell  
c/o R & M Mobile Home Parts and Service  
Patrick Henry Trailer Park-877-3491

**VIRGINIA (Continued)**

**F-10** **Norfolk-703**  
Mobile Home Service Center  
1110 S. Military Highway-545-2312

**D-9** **Mr. E. R. Reese**  
5916 Chesapeake Blvd.-UL. 3-1828

**Portsmouth-703**  
▲ **Portsmouth Trailer Sales**  
4127 Portsmouth Boulevard-393-8741

**Roanoke-703**  
Mr. Charles W. Decker, Jr.  
c/o Decker Mobile Home Repair & Service  
P. O. Box 7295-362-2659

**D-10** **Salem-703**  
Pardue Furnace Co.  
2221 Valleydale Rd.-DU. 9-5896

**A-8** **St. Paul-703**  
Mr. Lewis A. Franklin  
Sun Motor Company  
Box 638

**WASHINGTON**

**Kennewick-509**  
Keith Trailer Sales & Repair  
9321 Columbus Ave.  
P. O. Box 363-582-2841

**F-8**

**Longview**  
Mr. A. T. Renaud  
c/o Renaud Electric Company  
735 Commerce-423-1420

**D-8** **Moses Lake-509**  
B & F Trailer Supply  
Howard H. Bailey  
2709 West Broadway

G. C. Hochstatter  
314 Division St.-RO. 5-5828

**B-4** **Oak Harbor-206**  
P & P Enterprises  
P. O. Box 725-OR. 5-2137

**D-4** **Port Orchard**  
Mr. William Kelly  
Route 6-Box 69

**D-4** **Renton**  
Tarkelson Heating  
12825 Rainer Avenue-AL. 5-6608

**C-3** **Richland**  
\*Mr. John Bruun  
c/o Quick Refrigeration Company  
885 1/2 Stevens Drive P. O. Box 294

**G-2** **943-9820**

**D-4** **Seattle**  
Mobile Home Service Company  
Route 5, Box 440-WA. 7-0650

Northwest Gas Service Company  
1923 So. First Ave.-MU. 2-2555

**G-2** **Spokane-509**  
Mr. Bruce W. Johnson  
Johnson Trailer Sales, Inc.  
4023 East Sprague-KE. 4-8101

**G-8** **Mr. Patrick L. Mason**  
c/o Mobile Home Heating Service  
1530 West Nora-FA. 7-2627

**D-8** **▲ Solar L. P. Gas Company**  
East 4110 Sprague Avenue-534-1581

**D-4** **Tacoma-206**  
Criswell Trailer Service  
3621 No. Union Avenue-SK. 9-8220

**E-6** **Yakima-509**  
Mr. E. L. Woodburn  
Woody's Trailer Sales  
1913 So. First St.-GL. 3-2193

▲ **Burd & Burd**  
1830 South 1st Street-457-8129

**WEST VIRGINIA**

**Bluefield**  
Mr. Leon Martin  
Route #1 Box 165-327-1641

\* Service for International Air-Conditioning  
and Astral refrigerators only. (No Heating)

▲ Service for Morphy-Richards equipment only.

## WEST VIRGINIA (Continued)

**Bridgeport**  
Mr. French Reger  
c/o Reger Heating & Plumbing  
Route #1 Box 147-842-4078

**Buckhannon**  
Upshur Plbg. & Elec. Co.  
13 North Kanawha St. -472-1250

**Keyser-304**  
John R. Fanto  
RFD #4, Box 48-784-4166

**Nitro-304**  
Nitro Plumbing & Heating  
P.O. Box 116-755-4303

## WISCONSIN

**Appleton-414**  
Ray's Mobile Heating  
4401 W. Wisconsin Avenue-RE. 9-3276

**Kenosha**  
Glens Heating Service  
1606 53rd St.

**La Crosse**  
Mr. Jerry S. French  
c/o French's Service Clean  
Route #1 State Road-2-1511

**Milwaukee-414**  
Hub Oil Co., Inc.  
8903 W. Morgan Ave. -LI. 1-4048

**Schofield-715**  
J & D Home Service  
281 Grand Ave. -359-5540

**Stanley**  
Don's Radio & TV  
311 N. Broadway-MI. 4-5836

**Sturgeon Bay**  
Remy's Mobile Homes  
Hwy. 42 & 57 No.  
PI. 3-2824 & PI. 3-6053

**Waunakee**  
Paul's Mobile Home Service  
Route #1, Box 29  
Middleton-836-4066

## WYOMING

**Casper-307**  
Fay Peebles Mobile Homes  
501 W. Yellowstone-234-2505

**Cheyenne-307**  
Marv's Trailer Supply  
Rt. #1, Box 150-632-2222

**Green River-656**  
Adams Sales, Inc.  
P.O. Box 432

## WYOMING (Continued)

**Jeffrey City-307**  
Hut Coates  
Prairie Market-544-2273

**Riverton-307**  
Prell's Mobile Home Parts & Service  
220 E. Fremont-856-5661

**Rock Springs-307**  
Arne Oja  
432 A St. -362-2579

**Shoshoni-307**  
Adams Mobile Home Sales, Inc.  
Box 147-3001

**Torrington**  
Warren Mobile Homes  
P.O. Box 1229-532-5126

**Worland-307**  
Pure Gas Service Co.  
P.O. Box 38-347-2455

G-6

H-2

I-6

F-4

F-3

F-7

D-7

F-8

F-4

# CANADA

## ALBERTA

**Calgary-403**  
Elmo's Appliance & Stove Repair Ltd.  
714 23rd Ave. N.W. -AV. 9-5155

Greg Lund Products, Inc.  
Western Division  
640A 24th St. N.E. -272-2216

Midwest Trailer Sales Ltd.  
7204 McLeod Trail-AL. 5-0151

United Trailer Co. Ltd.  
3715 Edmonton Trail-CR. 7-8576

**Cold Lake**  
A. G. Jesse  
Box 1471, RCAF Station

**Edmonton**  
Midwest Trailer Sales Ltd.  
5330 Calgary Trail-GE. 9-2880

**Grande Centre**  
Nomad Trailer Enterprises  
Box 447-248-4181

**Red Deer**  
Bill's Trailer Sales  
4222 - 42 Avenue-346-3997

## BRITISH COLUMBIA

**Burnaby**  
Bob's Trailers Ltd.  
5141 Kingshighway-HE. 4-7818

**D-5**  
Continental Mobile Homes Ltd.  
7041 Kingsway-LA. 2-5632

**E-4**  
Mr. Nick Wynn  
5863 Kitchener St. -298-7823

**C-5**  
Kamloops  
Mr. Joe W. Smith  
c/o Lakaire Trailer Sales Ltd.  
2020 Trans Canada Hwy. East, R.R. #2

**E-9**  
372-3251  
New Westminster  
Arcade Trailer Service  
Ste. 301-212 Agnes Street

**B-5**  
North Surrey  
Mr. Lorne Richmond  
c/o Lorne's Mobile Home Parts & Service  
13440-68 A Avenue-596-6743

**Penticton-604**  
Mr. J. H. Carson  
c/o Lakaire Trailer Sales Ltd.  
966 Westminister-West-492-8100

**Prince George**  
B.C. Trailer Maintenance  
898 4th Avenue-LO. 4-7440

Bob's Trailer Ltd.  
20th & Victoria-LO. 4-8331

**So. Burnaby-604**  
Bob's Trailer Limited  
5141 Kingsway-HE. 4-7818

**Trail-604**  
Ra Lyn Mobile Home Sales  
118 Wellington St. -368-5717

E-9

**Victoria-604**  
Fletcher Heating Service  
233 Stormont Rd.-EV. 3-8913

## NEW BRUNSWICK

**Moncton-506**  
Curtis O'Connor & Company, Ltd.  
329 Collishaw Street-384-4120

C-9

## NEWFOUNDLAND

**St. John's**  
Mr. Lemvel Lidstone  
c/o Lidstone & Luscombe Ltd.  
P.O. Box 389-643-2305

## NOVA SCOTIA

**Beford-902**  
Mobile Home Sales, Ltd.  
P. O. Box 364-835-5302

**Truro-902**  
Kerr Controls Company  
P. O. Box 334-893-2688

E-6

## ONTARIO

**Ajax-416**  
Miller Oil Burner Service  
9 Tudor St. -942-3491

**Hamilton-416**  
Styleline Trailer Service  
1533 Upper James St. -N-L

E-6

## QUEBEC

**Hauterive (Saguenay)-418**  
Raymond Gebert  
c/o Armand Remillard Ltd.  
C. P. 1449-589-3004

**Montreal-514**  
International Oil Burner Registered  
8915 Iberville-388-3388

**Sept Iles, Cte. Duplessis**  
Mr. Jacques Larouche  
J.R. Vigneault, Inc.  
#5 Rue Regneau

F-5

## SASKATCHEWAN

**Regina-306**  
Electric & Machine Company  
1763 Halifax St. LA. 2-9935

**Saskatoon-306**  
A.A. Murphy & Son, Ltd.  
210-216 First Ave. North-652-6622

F-4

D-3

## WINNIPEG

**Winnipeg**  
Space Heating & Appliance  
448 Logan Ave. -WH. 3-9687

F-9



## CHAPTER 10

# THE WATER HEATER

Your Airstream is equipped with a Bowen gas water heater which is built to give you long years of trouble-free performance. It has a 100% shut off safety valve which shuts off the gas supply in the event of pilot flame being extinguished and is equipped with either a Minneapolis-Honeywell or a General Controls regulator.

Procedures for lighting or re-lighting are as follows:

Operating Instructions for Units Equipped with MINNEAPOLIS-HONEYWELL CONTROLS regulator (Figure 10-A).

Procedure for lighting or re-lighting:

1. Be sure the heater is filled with water and that all air has been vented from gas line.
2. Turn gas cock knob to "Off" position and temperature indicator to lowest temperature position.
3. Wait sufficient length of time to allow gas which may have accumulated in burner compartment to escape. (Approximately 5 minutes).
4. Turn gas cock knob to pilot.
5. Depress the knob, light the pilot burner, and hold the knob down for about 1 minute.
6. Turn the gas cock knob to ON.
7. Set the lever indicator for the desired water temperature.
8. To shut down the heater, turn gas cock knob to OFF position.

NOTE: For instructions on how to adjust pilot flame see page 10-3.

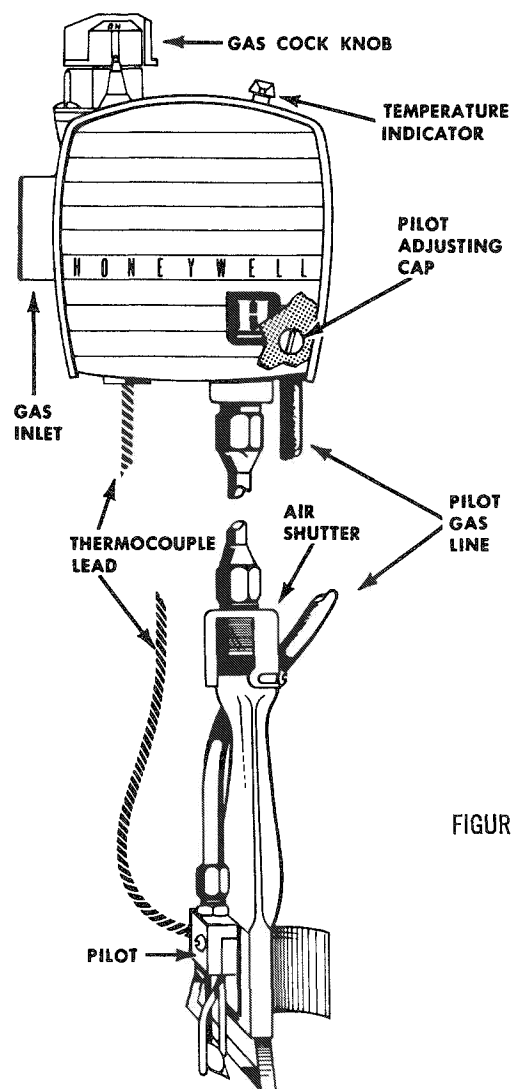


FIGURE 10-A

Operating Instructions for Units Equipped with GENERAL CONTROLS regulator (Figure 10-B).

Procedure for Lighting or Relighting:

1. Be sure that heater is filled with water and that all air has been vented from gas line.
2. Turn top dial to "Off" position, and temperature dial to lowest temperature position.
3. Wait sufficient length of time to allow gas which may have accumulated in burner compartment, to escape (Approx. 5 min.).
4. Turn top dial to "Light Pilot" and continue turning until dial "Stops." Hold in this position while lighting.

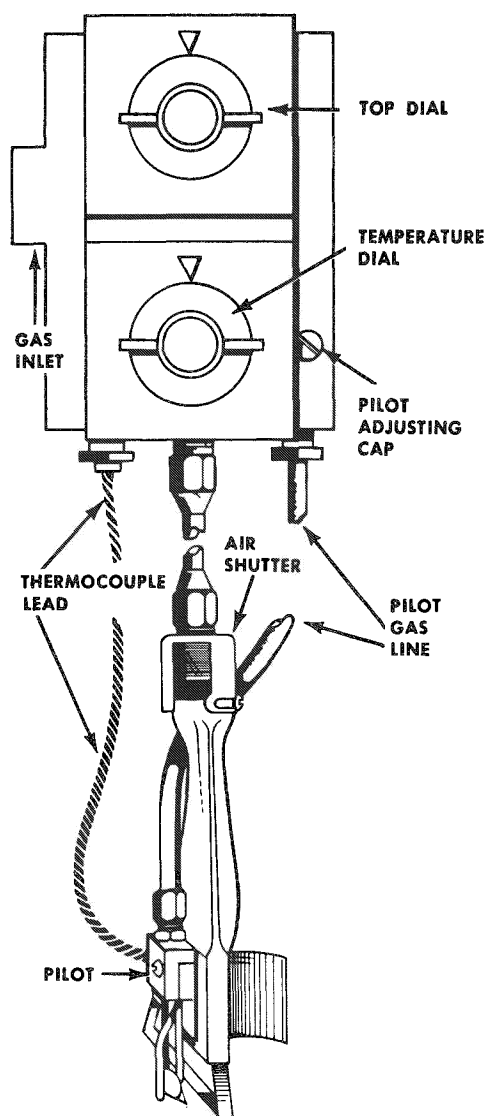


FIGURE 10-B

5. Allow pilot to burn approximately one minute before releasing dial from stop. If pilot does not remain ignited, repeat above operations allowing longer period before releasing from DIAL STOP.
6. Turn top dial to "ON" position and turn temperature dial to desired position. The main burner will ignite.
7. To shut down heater, turn top dial to "OFF."

NOTE: For instructions on how to adjust pilot flame, see following:

## PILOT FLAME ADJUSTMENT

If the pilot flame does not have a small orange tip the pilot is not getting enough gas. (See Figure 10-C).

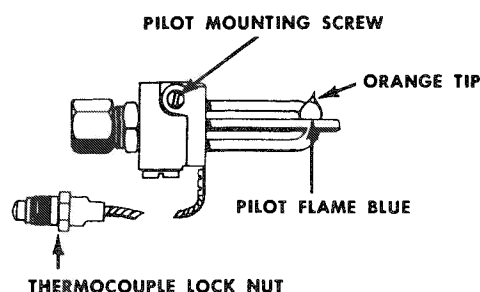


FIGURE 10-C

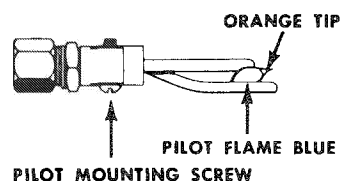


FIGURE 10-D

The flame should be about  $\frac{1}{4}$  of an inch in vertical height when the water in the tank is cold and the burner is off; and a flame  $\frac{1}{4}$  to  $\frac{3}{8}$  of an inch in horizontal length when the tank is warm. (See Figure 10-D). A large orange flame indicates excessive gas supply, which will result in short pilot life and early replacement. The pilot has been properly adjusted at the factory and should operate with a blue, orange tipped flame enveloping the pilot thermocouple. Removal of the "pilot adjustment cap" will reveal the pilot adjustment screw. Turning this screw clock-wise reduces the flow of gas to the pilot (blue flame) and counter clock-wise the gas supply is increased (orange flame). Always replace the "pilot adjustment cap" to prevent gas leakage.

## AIR SHUTTER ADJUSTMENT

All fuels depend upon air (oxygen) to give them proper burning characteristics. A yellow, smoking flame indicates a lack of air and a noisy hard blue flame indicates an excess of air. The air shutter rotates around the main burner orifice holder and is held in place by a small shutter adjustment screw. Loosen the screw for adjustment. A good method of adjusting the air shutter is to rotate the shutter closed far enough for yellow tipping to occur on the main burner (not pilot) and then slowly open the air shutter until all signs of yellow tipping are gone. When proper adjustment has been obtained, tighten screw holding air shutter (See figure 10-E).

## GAS LINE VENTING

Most failures to light are caused by the absence of gas

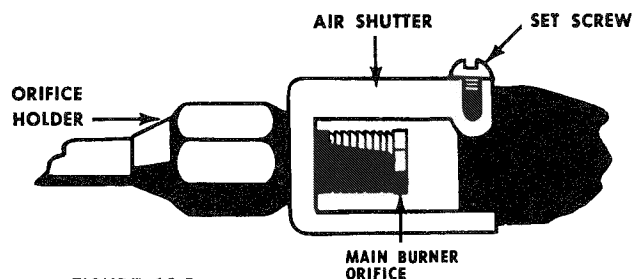


FIGURE 10-E

and presence of air at the pilot port. This may happen when you have run out of gas. Upon restoration of the gas supply the line is full of air. It is recommended that appliances such as the range and furnace be lighted first. This assures a supply of gas in the main gas line. Then follow the normal procedures as outlined previously for lighting.



# BOWEN INFO-GRAM

BOWEN WATER HEATER DIV.

HANDLING EQUIPMENT MFG. CORP.

WIXOM, MICHIGAN

Recommended Service Stations for BOWEN Water Heaters

SERVICE  
STATIONS

CUSTOMER SERVICE  
BULLETIN

5-29-64

## ALABAMA

**BIRMINGHAM**  
THE MOBILE HOME SERV. CO.  
203 - 19th St., S.W.  
Phone ST 6-2021

**HUNTSVILLE**  
MOBILE HOME SERV. CO.  
2900 S. Memorial Park Way

**MOBILE**  
AZALEA MOBILHOME SERV. & SUP.  
Rt. 4, Box 528—J. R. Hobbs  
GR 7-0688

## ARIZONA

**MESA**  
COMPLETE TRAILER SERVICE\*  
940 East Main  
WAITT MOBILE HOME SERVICE\*  
Rt. 2—Box 2045E  
WO 4-1691

**PAGE**  
PAGE SERVICE\*  
WI 5-2721

**PHOENIX**  
AL MORROW TRAILER PARTS\*  
4600 E. Melvin B-31  
Phone: BR 5-6527  
JOHNNY'S TRAILER SERVICE\*  
3402 West Cypress  
AP 8-9620  
OK TRAILER SERVICE\*  
5021 East Van Buren  
BR 5-8091  
RAY SMITH TRAILER SERVICE\*  
101 North 32nd. Street  
BR 5-2430

**TUCSON**  
PAULSON'S REPAIR SERVICE & SALES\*  
246 West Glenn Street  
MA 4-0065  
WADDELL'S TRAILER STORE  
1815 No. Oracle Rd.  
Phone MAIN 3-8432  
TED WALKER TLR. HDQTRS., INC.\*  
2632 South Sixth Avenue  
MAIn 3-2595

## ARKANSAS

**BLYTHEVILLE**  
POOLE MOBILE HOME SERVICE  
P. O. Box 1317  
941 Division Street  
Phone 501 PQplar 3-8947

**JONESBORO**  
BOB ALLISON TRAILER SALES  
Highways No. 1 and 173  
Phone: WE 2-4556

**LITTLE ROCK**  
FRED & JACK TRAILER SALES  
6600 Asher Avenue  
Phone LO 5-2543

## CALIFORNIA

**COMPTON**  
GUS'S TRAILER SALES, INC.  
12534 S. Atlantic Street  
NEmark 8-6136

**GARDENA**  
HILCO TRAILER REPAIR & MFG.  
1039 W. Rosecrans  
Phone DA 9-7363

**LAKEPORT**  
MOBILE TRAILER SERVICE & SUPPLY  
P. O. Box 416, Hwy. 29, South  
Phone 263-5246, Area 707

**LA MESA**  
HARDY'S FIX-IT SHOP  
7285 University Ave.  
HO 9-9681

**LOMPOC**  
LOMPOC TRAILER CENTER  
113 No. "G" St.

**LOS ANGELES**  
WARD & SON, INC.\*  
5601 Valley Boulevard  
CApital 5-2271

**PALM SPRINGS**  
LARRY WILLIAMS TRAILER SERVICE  
115 So. El Segundo  
Phone FA 4-4918

**REDWOOD CITY**  
DEONEL TLR. & HEATING SERVICE  
736 Hurlingame Avenue

**SACRAMENTO**  
MOBILE SERVICE  
2001 Michigan Blvd.  
Phone 371-5179

**SAN LEANDRO**  
WALT HANSEN MOBILE HOME SERVICE  
16543 Los Banos Street  
Phone: 276-5740

**SANTA ANA**  
FREDSON TRAILER SUPPLY  
4526 W. Westminster  
Phone JE 4-4767

**SANTA ROSA**  
BEVINS AND BILD  
2532 Santa Rosa  
Phone: Lliberty 2-6748

**STOCKTON**  
LOWELL RATHE MOBILE HOME SALES  
2101 E. Charter Way  
Phone HO 5-2421

**SUNNYVALE**  
A-1 TRAILER SUPPLY\*  
933 Kifer Road  
Phone 245-6404

## COLORADO

**AURORA**  
AURORA TRAILER SUPPLY  
1462 Iola  
EMpire 6-8110

**BOULDER**  
BOULDER TRAILER SERVICE  
2475 30th St.  
Phone HI 3-1096

**COLORADO SPRINGS**  
ALFREDS TRL. PARK & SALES  
302 E. 8th St.  
Phone ME 4-2848  
RED TAG BOTTLE GAS SERVICE\*  
3310 East Platte Avenue  
MEIrose 3-4765

**CORTEZ**  
ROY BROWN  
Box 758  
LO 5-9775

**DENVER**  
DENVER TRAILER SUPPLY\*  
1740 South Broadway  
SHerman 4-1081  
TRAILER LAND  
5401 West Colfax Avenue  
Phone 237-9591

**FORT COLLINS**  
BORDEN'S TRAILER SUPPLY  
1008 N. College Avenue  
Phone: 482-8118

**GRAND JUNCTION**  
MOBILE HOME SERVICE  
1610 Bluegill Dr.  
TRAILER HOUSE RENTALS AND SALES  
2485 U. S. Hwy. 6  
Phone CH 3-2018

**LOVELAND**  
ELLIS MOTOR & TRAILER SALES\*  
1410 North Lincoln  
NOrmandy 7-3236

**PUEBLO**  
PUEBLO MOBILE HOME SERVICE  
3015 Elizabeth  
Phone LI 4-1823

## CONNECTICUT

**EAST HARTFORD**  
CALL'S MOBILE HOME SERVICE  
877 E. Burnside  
Phone: BUtler 9-3719

**EAST WINDSOR**  
SKYLINE HOMES OF NEW ENGLAND\*  
Sta. No. 67—Rt. 5  
JA 8-6054 or NA 3-0533

## DELAWARE

**NEW CASTLE**  
S & S MOBILE HOME SUPPLY  
241 So. Dupont Parkway  
Phone EAst 8-2694

## FLORIDA

**FT. LAUDERDALE**  
PALM GAS & TLR. SUPP., INC.\*  
2190 Road 84  
LU 3-6830

**FT. MYERS**  
FT. MYERS TRAILER PARK\*  
3111 Cleveland  
Phone WE 6-2359

**LEESBURG**  
ABC TRAILER SALES  
R.R. 3, Box 595  
Phone 787-4206

**MIAMI**  
APPLIANCE SERVICE & REPAIR CO.  
2325 N.W. 27th Ave.  
Phone: NE 5-3966  
JERRY'S TRAVEL TRAILER SALES & SERVICE  
2710 N. W. 36th St.  
Phone 634-7648

**OCALA**  
E. M. DE LONG  
Route #1 - Box 310  
Phone: 629-4377

**ORLANDO**  
PAUL E. DRYANDER\*  
5475 S. Orange Blossom Trail  
GArden 3-5648

**PALMETTO**  
CARL E. BOWEN  
3007 49th St., East  
Phone 722-1982

**PENSACOLA**  
KURT'S MOBILE HOME SUPPLY  
927 No. Pace Blvd.  
Phone HE 3-6326

**ST. PETERSBURG**  
DARWIN GAS APPLIANCE SERVICE  
2928 11th Ave. N.  
Phone 829-2911  
TYRONE PROPANE SERVICE\*  
4104 Park St. No.

**TAMPA**  
PAUL'S MOBILE HOME SERVICE  
13733 Nebraska Avenue  
Phone 935-1904

## GEORGIA

**ATLANTA**  
MOBILE HOME SERV. CENTER, INC.\*  
2920 Stewart Ave., S. W.  
Phone PO 6-7071

**WARNER ROBINS**  
FLAMINGO MOBILE HOME SERVICE CENTER  
Route #1, Box 48  
Phone WA 3-1291

## IDAHO

**BOISE**  
ACE TRAILER REPAIR  
2942 Chinden Blvd.  
Phone 4-5171  
WILSON HEATING SERVICE  
2021 College Blvd.  
Phone 2-3917

## ILLINOIS

**ARLINGTON HEIGHTS**  
VAUGHAN ELECTRIC COMPANY  
Willoway Terrace Trailer Court, 9 Shady  
Phone HE 7-3597

**BLACKSTONE**  
ECONOMY MOBILE HOME SERVICE  
R.F.D. #1  
Phone STreater 3-7513

**BLUE ISLAND**  
COLONIAL MOBILE ESTATES PARK & SALES  
14139 South Western Avenue  
Phone FULTon 9-6100  
ILLINOIS MOBILE HOME SUPPLY CO.  
14225 So. Western Avenue  
Phone 388-0008

**BOURBONNAIS**  
BURCH'S TRAILER COURT & SALES  
Route No. 54  
Phone WE 2-6826 — WE 3-2465

**CASEVILLE**  
MOBILE HOME SERVICE & SUPPLY CO.  
Long and Ofallon Street  
Phone 344-5000

**CHARLESTON**  
HARPSTER'S COLES COUNTY GAS CO., INC.  
617 N. State Street  
Phone DI 5-3993

**DANVILLE**  
DIXIE MOBILE HOMES, INC.\*  
2601 No. Vermillion St.  
Hickory 2-0733

**DECATUR**  
COMPLETE MOBILE HOME SERVICE\*  
125 W. Pershing Rd.  
Phone 877-1122

**DES PLAINES**  
AMERICAN MOBILE HOME SERVICE, INC.  
120 North River Road  
VAnderbilt 7-5684  
BENNETT MOBILE HOME SERVICE  
2993 Curtis C-16  
Phone VA 4-6778

Best in Electric — First in Gas — Foremost in Service

## Recommended Service Stations for BOWEN Water Heaters

### ILLINOIS (Cont'd)

**EAST ALTON**  
FAIRFAX TRAILER COURT  
210 Cooper Street  
Phone 254-6328 or 259-6848

**GRANITE CITY**  
BILL'S MOBILE HOME SERVICE CO.  
R.R. #1, Box 216  
Phone TR 7-4966

**MELROSE PARK**  
SCHRADER MOBILE HOME SERVICE  
1950 River Road  
Phone Gladstone 6-6797

**URBANA**  
VERT'S MOBILE HOME REPAIR  
RFD #1, Route 45  
Phone 643-2413

**WAUKEGAN**  
PARK CITY SERVICE  
Route 4, Box 2201, Park City

**ZION**  
HOEKSEMA LP GAS SERVICE  
3501 Lewis Ave.  
Phone 623-7600

### INDIANA

**CRAWFORDSVILLE**  
CHILDRESS MOBILE HOMES, INC.  
1301 So. Mill Street  
Phone EM 2-6091

**ELKHART**  
FLORENCE DISTRIBUTING CO., INC.  
2900 Mishawaka Rd.  
Phone JA 3-4510  
INDIANA TRAILER SUPPLY  
1611 West Bristol Street  
Phone: CO 4-4176  
UNIVERSAL MOBILE HOME REP., INC.\*  
824 Plum St., Box 827  
Phone JA 3-2073 — Res.

**ELWOOD**  
MOBILE HOME SALES & SERVICE, INC.  
R. R. 2 - Hi-Way 37 South - Box 324  
Phone: FE 2-5061

**FRANKFORT**  
WYATT & SON MOBILE HOME SERVICE  
202 W. Kyger Street  
Phone 654-6838 (Home)  
Phone 654-5680 (office)

**HAMMOND**  
HOOSIER MOBILE HOME SERVICE  
6750 Calumet  
Phone Westmore 3-7870

**INDIANAPOLIS**  
BURROUGHS MOBILE HOME SERVICE  
3744 W. Michigan  
Phone Melrose 1-2480  
EDDIE'S HEATING SERVICE  
7225 E. 14th Street  
Phone FL 9-4290

**LAFAYETTE**  
ROY CHURCH\*  
904 State Street  
Phone HA 5-6712

**MARION**  
MOBILE HOME REPAIR SERVICE\*  
3902 So. Meridian St.  
Phone OR 4-3534 & OR 4-4292

**PORTAGE**  
MOBILE HOME SERVICE  
2646 Dombey Rd.  
Phone 962-1675

**RICHMOND**  
CREECH BROTHERS TRAILER SERVICE  
321 S.W. 4th Street  
Phone 3-7031

### IOWA

**BETTENDORF**  
DIAMOND MOBILE HOME SUPPLY  
Rt. 1  
Phone 5-3241

**CEDAR RAPIDS**  
TRAVEL TRAILER SALES  
Highway 149 near U. S. 30  
Phone EMpire 5-2503

**DES MOINES**  
AL'S TRAILER REPAIR  
5506 E. 14th  
Phone AM 2-9437  
BAUER MOBILE HOME SERVICE  
1411 E. Madison St.  
Phone: 266-8179  
HECTOR'S TRAILER SALES  
3819 East 14th Street  
CLAUD PETT\*  
3622 Fifth Avenue  
CHerry 3-6771

**MARION**  
J-B TRAILER SERVICE  
755 - 26th St.  
Phone DR 7-2590

**SIoux CENTER**  
MOBILE SERVICE CENTER  
154 Seventh Street, N.E.  
Phone 722-1675

**SIoux CITY**  
ALLIED SERVICES  
2021 South Cleveland  
Phone: 6-4241

### KANSAS

**HUTCHINSON**  
AV'S MOBILE HOME SERVICE  
1515 W. Fourth St.  
Phone: MO 5-4293

**KANSAS CITY**  
AAA HOME TRAILER COMPANY  
4848 State Avenue  
Phone AT 9-4848

**NEWTON**  
SHARP MOBILE HOMES COMPANY\*  
210 West Fourth Street  
AT 3-4400

**OTTAWA**  
MOBILE HOME SERVICE  
1526 South Hickory  
Phone CH 2-4909

**TOPEKA**  
MEMORY LANE SERVICE CENTER  
601 W. 57th St.  
Phone UN 2-1953

**WICHITA**  
TODD MOBILE HOME SUPPLY\*  
4215 South Broadway  
JA 4-6371

### KENTUCKY

**ASHLAND**  
NELSONS MOBILE HOME SERVICE\*  
4839 Boyd St.  
Phone EAsT 5-2889

**LEXINGTON**  
MR. ROBERT F. BROWN  
232 Bell Court E.

**LOUISVILLE**  
CENTRAL MOBILE HOME SERVICE\*  
4905 Dixie Highway  
EMerson 8-7460

**VALLEY STATION**  
SANDERS MOBILE HOME REPAIRS\*  
Rt. 3 — Box 545  
WE 7-8812  
TEX LAYNE TRAILER SALES, INC.  
10711 Dixie Highway — Box 299  
Phone: WE 7-2640

### LOUISIANA

**HAHNVILLE**  
R & G MOBILE HOME SPECIALIST  
Box #177

**KENNER**  
PEARSON'S TRAILER PARTS & REPAIR CO.  
1002 Duncan Street  
Phone KEnner 21-71-2851

**LAKE CHARLES**  
MOBILE HOME SERVICE & SUPPLY CO.  
2210 Highway 171 North  
HE 6-0873

### MARYLAND

**SALISBURY**  
RUARKS HOUSE TRAILER & CABINET SHOP  
2333 Hudson Dr.  
Phone PI 2-6468

### MASSACHUSETTS

**LEOMINSTER**  
MURRAY TRAILER SERVICE\*  
556 Central Ave.  
KE 7-7414

**NORTH ADAMS**  
SSS CORPORATION  
MOBILE HOME PARK & SALES  
1095 Mohawk Trail  
P.O. Box 764  
Phone MOhawk 3-8417

**SHREWSBURY**  
MOBILE HOME SERVICE & REPAIR  
25 Saybrook Road  
Phone SW 9-9512

**SPRINGFIELD**  
MOBILE HOME SUPPLY & SERVICE  
1189 Boston Road  
Phone: SState 3-6115

**WAREHAM**  
ENGINEERING SERVICE AGENCY\*  
P. O. Box 149  
Phone: PLaza 9-4892

### MICHIGAN

**ALLEN PARK**  
MARSHALL MOBILE HOME SERVICE\*  
6632 Larne  
DUnkirk 2-3323

**BENTON HARBOR**  
GERLACH'S TRAILER SALES  
2180 M-139  
Phone: WALnut 5-8222

**DAVISON**  
MOBILE HOME SERVICE\*  
1057 Carlson Rd.  
Phone (Flint) Pilgrim 2-0016

**FAIR HAVEN**  
LEO'S MOBILE HOME SERVICE  
7341 Bealane Road  
Phone: Raymond 5-0595

**FARMINGTON**  
TRAILER MAINTENANCE CO.\*  
20832 Tuck Rd.  
GR 6-3277

**GARDEN CITY**  
A & D MOBILE HOME SERVICE\*  
31176 Cooley Drive  
Phone: 427-7191

**HIGHLAND**  
MCBRIDE PLUMBING & HEATING CO.  
253 Center Street  
Phone 685-1872

**KALAMAZOO**  
JOHN WIESSNER HEATING\*  
822 Cobb Ave.  
Phone Fireside 3-1087

**LANSING**  
CARLTONS TRAILER REPAIR\*  
14500 Nc. U. S. 27  
Phone IVanhoe 9-6839

**MONROE**  
MOBILE HOME RANCH  
803 Nadeau Road  
Phone: CHerry 2-0827

**MT. MORRIS**  
WOLVERINE TRAILER SUPPLY  
G-6259 North Saginaw Road  
SU 9-7938

**PONTIAC**  
JERRY'S HOUSE TRAILER SERVICE  
3676 Grafton, Rt. 3  
Phone FE 5-7748  
TOM SMITH\*  
2869 Pontiac Rd.  
FEderal 2-5998

**PORT HURON**  
TRAILER RENTAL SERVICE\*  
2701 Howard Street  
Phone YUKon 2-8586

**SAGINAW**  
MICHIGAN TRAILER LODGE INC.\*  
4232 E. Genesee Ave.  
Phone PI 3-2991

**SOUTH HAVEN**  
SOUTH HAVEN MOBILE HOME PARK & SALES  
1050 Chambers Street  
Phone: 616 — 637-1917

**TAYLOR**  
HANSEN'S MOBILE HOME SERVICE  
26111 Second Street  
Phone CR 8-7413  
JIM'S MOBILE HOME SERVICE  
26027 - 1st  
Phone CR 8-1845

**TRAVERSE CITY**  
PINE GROVE TRAILER SALES, INC.  
420 Munson Avenue  
Phone: WIndsor 7-6561

**UTICA**  
FLAMEGAS UTICA CORP.  
6654 Cotter St.  
Phone 731-4400

**WARREN**  
A.A.A. MOBILE HOME SERVICE  
2544 Nita  
Phone 755-0870 or 588-4079  
YOUR GAS & HEATING CO.  
21908 Dequindre  
Phone SLocum 4-0835

### MINNESOTA

**DULUTH**  
HYNNEKS MOBILE HOME REPAIR  
4350 La Vague Rd.  
Phone RA 7-4044

**HOPKINS**  
STAN'S COMPLETE MOBILE HOME SERVICE  
16214 Temple Way  
Phone WE 8-3978

**MOORHEAD**  
PIERCE TRAILER SALES\*  
221 Main

**NEW BRIGHTON**  
MOBILE HOME SERVICE\*  
2211 W. County Road C 2  
MElrose 3-2460

**ROCHESTER**  
THOS STENSrud TRAILER SERVICE  
230--10th Ave., N.E.  
Phone ATlas 9-8780

\*These organizations have factory trained personnel.

## Recommended Service Stations for BOWEN Water Heaters

### MISSISSIPPI

**GAUTIER**  
MOBILE HOME/TRAVEL TRAILER SUPPLY CO.  
P. O. Box 481 - Highway 90  
Phone 762-7499

### MISSOURI

**COLUMBIA**  
POWELL TRAILER SALES  
Hwys. 40 & 63 South  
Phone Glbson 3-4398

**IBERIA**  
PONDERS SHOP  
P. O. Box 264  
Phone SW 3-3141

**KIRKWOOD**  
BYERLY TRAILER SALES & MFG. CO.  
11601 Manchester Road  
Phone YO 5-1221

**KNOB NOSTER**  
KENDON SALES  
P.O. Box 331  
East Highway 50  
Phone 816 LO 3-2500

**SEDALIA**  
CHAPLIN SERVICE & SUPPLY  
West Main at Highway 50  
Rt. #3 - Box 25  
Phone TA 7-0234

**ST. ANN**  
SEL-RAE AGENCY  
3025 N. Lindbergh  
Phone PErshing 9-1806

**ST. CHARLES**  
JOE'S MOBILE HOME SERVICE  
83 Rosewood Drive  
Phone: RAndolph 4-6807

**WAYNESVILLE**  
CENTRAL MOBILE HOME REPAIR  
Hwy. 66—Spur - RR 2  
Phone: PR 4-2302

**WEBB CITY**  
HAROLD FABIAN MOBILE HOMES SERVICE  
415 North Main Street  
Phone OR 3-2479

### MONTANA

**BILLINGS**  
BILL'S MOBILE HOME SERVICE & SUPPLIES  
101 1/2 Moore Lane  
Phone: Office 252-2238 — Res. 252-0229  
PIERCE TRAILER SUPPLY\*  
Post Office Box 1754

**GLASGOW**  
CHAR-EL TRAILER SALES\*  
Phone AC 8-9223

### NEBRASKA

**ALBION**  
MILLER MOBILE HOME SALES  
317 Main Street

**ALLIANCE**  
ALLIANCE TRAILER SALES\*  
815 Flack Avenue  
Phone 584

**COLUMBUS**  
VAN DYKE SERVICE CENTER  
Evergreen Trailer Park  
Phone 564-5048 (Columbus)

**GRAND ISLAND**  
TRAILER SUPPLIES & SERVICE  
2600 S. Locust  
Phone DU 2-4080

**KIMBALL**  
KIMBALL PLUMBING & HEATING CO.\*  
604 E. 3rd St.  
Phone BEverly 5-3522

**LINCOLN**  
ARROW TRAILER SALES\*  
125 "O" St.  
Phone HEmlock 2-6055

**OMAHA**  
FT. CROOK MOBILE HOMES  
4014 So. 13th St.  
Phone 731-3833  
A. C. NELSEN CO.  
2112 Harvey St.  
Phone 344-4000

**SCOTTSBLUFF**  
A. C. NELSEN COMPANY  
Box 1042

**SO. SIOUX CITY**  
NIEL'S MOBILE HOME SERVICE  
1203 1st Avenue  
Phone 4-4323

### NEVADA

**LAS VEGAS**  
LOMKERS TRAILER SERVICE  
451 North 11th St.  
Phone DU 2-8872  
PROPANE SALES & SERVICE CO  
2551 North Main

### NEW HAMPSHIRE

**LACONIA**  
LARSON'S MOBILE HOME SERVICE  
R.F.D. #1  
Phone LA 4-5993

### NEW JERSEY

**BELLMAWR**  
J. P. McINERNEY MOBILE HOME  
REPAIR SERVICE  
174 Cardinal Drive  
Phone 931-0783 (area code 609)

**FRANKLINVILLE**  
TRAVEL TRAILER CENTER  
Delsea Drive  
Phone TULip 1-3362

**HADDONFIELD**  
WARREN'S MOBILE HOME SERVICE\*  
8 Rose Lane, Cooper Park Village  
Phone HAZel 9-9118

**KEYPORT**  
WILBUR HANTZ  
c/o Sontana Trailer Park  
MR 36 — Box 44  
Phone 787-9511

**LINDEN**  
SMITH MOBILE HOMES\*  
U.S. Rt. 1, Box 594  
WABash 5-2442

**LYNDHURST**  
OBERHOLTZER & SON MOBILE HOME SERV.  
CENTER  
265 Orient Way  
Phone: WE 3-0474

**THOROFARE**  
MANN'S TRAILER SERVICE  
Route #130  
Phone: Tilden 5-1939

### NEW MEXICO

**ALAMAGORDO**  
DUDLEY MOBILE HOMES  
P. O. Box 429  
Phone HE 7-7430

**ALBUQUERQUE**  
M. AND R. TRAILER SERVICE  
2515 Morningside, N.E.  
Phone AM 8-7842  
NEW MEXICO TRAILER REPAIR  
10021 Acoma Road S.E.  
Phone 299-1986

**GRANTS**  
GRANTS TRAILER & PLBG. STORE  
W. Hwy. 66, P.O. Box 986  
Phone AT 7-3959

### NEW YORK

**ALBANY**  
CERTIFIED MOBILE HOME SERVICE  
20 Spruce St.  
Phone HE 8-8866

**ANGOLA**  
B-Y SUPPLIES, INC.  
Erie Road — Route 5  
Phone 549-3737

**BATAVIA**  
HARLEY'S PROPANE SERVICE\*  
Box 414

**CANTON**  
MURPHY'S APPLIANCE SALES  
26 Riverside Drive

**CONGERS**  
ECONOMY GAS COMPANY, INC.  
Route 9W  
COngers 8-6690

**ELLENVILLE**  
STATE TRAILER SALES\*  
Route 209, P. O. Box 247  
Phone: Ellenville 1848

**FORT MONTGOMERY**  
MOBILE HOME SERVICE  
Route 9W — Box 437  
Phone HI 6-3338

**LEICESTER**  
CURTIS A. SLIKER, INC.\*  
Main Street  
Phone Dudley 2-2301

**POUGHKEEPSIE**  
KEN'S MOBILE HOME SERVICE  
Noxon Road - R.D. #2  
Phone 914 GL 2-5095

**ROCHESTER**  
GORDONS TRAILER SERVICE  
1470 Clinton Ave. No.  
Phone FI 2-8115

**SYRACUSE**  
SUTPHIN SUPPLY CORP.  
914 North State Street  
Phone GR 2-7514

**NORTH CAROLINA**

**FAYETTEVILLE**  
NORTH CAROLINA MOBILE HOMES  
4417 Bragg Blvd.  
Phone HU 4-7151

**LELAND**  
THOMAS REPAIR SERVICE  
P.O. Box 115  
Phone RO 3-5929

**MIDWAY PARK**  
EAST WINDS MOBILE HOME SUPPLIES  
Highway 24 East  
Phone 347-1938

**NORTH DAKOTA**

**FARGO**  
HOME GAS COMPANY\*  
Post Office Box 966  
3101 Main Avenue  
ADams 5-4960

**MINOT**  
NORTH AMERICAN SALES, INC.  
Hiway 83 South

**WEST FARGO**  
TRI-STATE TLR. REPAIR & ACCES.\*  
Post Office Box 332  
ADams 2-2945

**OHIO**

**AMHERST**  
B BAR B MOBILE HOME PARK  
Box 128 Quarry Road

**BELPRE**  
WOOD MOBILE HOMES  
Rt. 1  
HAzel 3-7323

**CINCINNATI**  
DILLINGHAM'S MOBILE HOME SERVICE  
330 Reading Road  
Phone 821-8844  
FRANK'S MOB. HOME SUPPLIES  
8260 Robert Ave.  
Phone JA 1-0273  
LARRY WELSH TRAILER COMPANY\*  
8054 Reading Road  
VA 1-6033

**CLYDE**  
SHERCK MOBILE HOME SUPPLIES  
Division — Sherck Mobile Homes  
136 E. McPherson Hwy.  
Phone 6931

**COLUMBUS**  
AUTHORIZED MOBILE HOME SERVICE  
2928 Westerville Rd.  
Phone 267-8339  
WILSON MOBILE HOME SERVICE  
576 Greenlawn Ave.  
Phone HI 3-5726

**DAYTON**  
JIM'S MOBILE HOME SUPPLY CO.  
3895 No. Dixie Highway  
Phone 278-5887  
McMAHAN'S BOTTLED GAS COMPANY  
3324 Valley Pike  
Phone BEverly 3-0831

**ELYRIA**  
TAYLOR'S MOBILE HOME SERVICE  
219 University Avenue  
Phone FAirfax 3-7301

**NEW VIENNA**  
DRAKE TRAILER SALES\*  
YUKon 7-5223

**NILES**  
RALPHS MOBILE HOMES SALES & SERV  
521 Youngstown Rd., Rt. 422  
Phone OL 2-1333

**NORTH CANTON**  
ED SWIGERT MOBILE HOME SERVICE\*  
Lot 40, 1245 N. Main  
Phone HY 9-6519

**RAVENNA**  
VICKERS MOBILE HOMES  
3002 Kent-Ravenna Road  
Phone AX 6-4677

\*These organizations have factory trained personnel.

## Recommended Service Stations for BOWEN Water Heaters

### OHIO (Cont'd)

**SANDUSKY**  
BEST MOBILE HOME SUPPLY  
615 Horseshoe at West Monroe  
Phone MAIn 5-1656  
OHIO HOMES  
116 W. Perkins  
Phone MAIn 6-5768

**STONY RIDGE**  
STONY RIDGE MOBILE HOMES  
Route #20  
Phone CHerry 4-7684

**SYLVANIA**  
ANDERSON BOTTLED GAS COMPANY\*  
5585 Monroe St.  
Phone TU 2-5548

**WICKLIFFE**  
HAYES TRAILER SERVICE  
30335 Euclid Ave.  
Phone WH 3-6431

### OKLAHOMA

**LAWTON**  
PIERCE MOBILE HOME SALES  
2410 Cache Road  
Phone ELgin 5-2734

**OKLAHOMA CITY**  
CAPITOL MOBILE HOME SERVICES  
5926 N.W. 39th  
Phone: JA 4-3188  
JACK'S MOBILE HOME SERVICE  
1213 North Indiana  
Phone JAckson 8-1638  
PEMBERTON BROS. MOB. HOME SALES  
Post Office Box 4571  
Capital Hill Station  
QUALITY MOBILE HOMES  
7207 N. W. 39th Expressway  
Phone WH 9-2409

**TULSA**  
OKLAHOMA MOB. HOME SERV. & SUP.  
3119 E. Admiral Place  
Phone WE 9-0453

### PENNSYLVANIA

**ALTOONA**  
HOUCKS MOBILE HOMES\*  
1649 E. Pleasant Valley Blvd.  
WI 2-0209

**CHAMBERSBURG**  
SPIDEL'S OIL BURNER SERVICE  
389 E. King St.  
Phone COlony 3-1003

**HARRISBURG**  
LEIGHNER SERVICE CENTER  
3895 No. Front  
Phone 232-0572

**MARTINSBURG**  
HOOVER MOBILE HOMES  
600 E. Allegheny, Route 164  
Phone 189

**MIDDLETOWN**  
D & R MOBILE HOME SERVICE  
Vine St. - Mounted Rt.  
Phone WH 4-6008 and WH 4-5797

**NORRISTOWN**  
MOBILE HOME PARTS SERVICE CO.  
14 West Mt. Kirk Avenue  
BRoadway 9-7225

**PENFIELD**  
MOBILE HOME SERVICE  
RFD #1  
Phone 637-5839

**PULASKI**  
FRANK'S TRAILER MART, INC.  
R. D. 1  
Phone YO 4-2511

**SAXONBURG**  
INTERNATIONAL OIL BURNER SERVICE  
Flanders 2-1918

### RHODE ISLAND

**NORTH KINGSTON**  
VALLEY TRAILER REPAIR SERVICE  
115 Sunnybrook Drive  
Phone: Turner 4-5423

**PAWTUCKET**  
H. McCAMBRIDGE  
64 Kenyon Avenue  
Phone: 722-3588

### SOUTH CAROLINA

**NORTH CHARLESTON**  
JACK WHEELER  
5709 Judy Ave.  
Phone SH 7-8934

**WEST COLUMBIA**  
WREN MOBILE HOMES  
2119 Augusta Road  
Phone 803 794-4112

### SOUTH DAKOTA

**LAKE PRESTON**  
PRESTON FURNITURE & APPLIANCE CO.  
Phone 847-4202

**MITCHELL**  
A & C SALES COMPANY  
719 N. Main St.  
Phone: 99-65477

**PIERRE**  
ANDY'S GAS COMPANY\*  
213 Dakota Avenue  
5030 and 2375  
CAPITAL CITY GAS COMPANY\*  
Post Office Box 182  
115 West Sioux Street  
CAPITAL CITY TRAILER SALES  
801 No. Euclid  
Phone 224-2689

**RAPID CITY**  
ISEMAN CORPORATION  
Box 1766, West Main Street  
RAPID CITY TRAILER SALES\*  
3000 West Main  
Fillmore 2-7380  
TEDS TRAILER & TV SALES & SERV.  
28 Omaha St.  
Phone Fillmore 2-0654

**SPEARFISH**  
NORTHERN HILLS MOBILE HOMES  
Phone 642-2554

### TENNESSEE

**CHATTANOOGA**  
DIXIE TRAILER SALES & SERVICE  
4314 Ringgold Road

**NASHVILLE**  
MOBILE HOME PARTS  
2321 Dickerson Road  
Phone 255-9308

### TEXAS

**ABILENE**  
DEAN TRAILER SALES\*  
Post Office Box 202  
Phone OWen 2-0126

**AMARILLO**  
WILSON SUPPLY CO.  
5309 NE 8th—Rt. 3, Box 860  
DRake 4-7082

**AUSTIN**  
MOBILE HEATING & COOLING  
2211 Post Road  
Phone 512 HI 2-3402

**BIG SPRING**  
D & C TRAILER SALES  
West Highway 80  
Phone AM 3-4337

**DALLAS**  
DALLAS HOUSE TLR. SERV. & PARTS\*  
1321 Fort Worth Avenue  
RI 7-0112  
JOHNNY COATES MOBILE  
HOME SERVICE\*  
3201 Ft. Worth Ave.  
Phone WH 6-9242

**EL PASO**  
BILL'S MOBILE HOME PARTS & SERVICE  
7910 Sheridan Road  
Phone SK 5-0854  
VERNON A. TURNER  
7800 Sherdian—Lot 39—Box 230  
Phone: SKyline 1-0581

**FT. WORTH**  
ED BEARDON  
2920 Chesser - Boyer Rd.  
Phone TE 4-5800

**HOUSTON**  
UNIVERSAL MOBILE HOME SERVICE  
2412 South Wayside Drive  
Phone WA 3-5535

**LA PORTE**  
McLEAN MOBILE HOME HEATING AND  
AIR CONDITIONING SERVICE  
500 North 11th St.

**LUBBOCK**  
KEN'S MOB. HOUSE HEATING SERV.  
4504 - 43rd St., Box 5151  
Phone SW 9-5925

### UTAH

**MOAB**  
KEN GARFF SALES, INC.  
422 South Main  
Phone ALpine 3-4631

**OGDEN**  
ARV'S TRAILER REPAIR  
1030 West Riverdale Road  
Phone: 394-7432  
INTERMOUNTAIN TRAILER COMPANY  
3776 Wall Avenue - P. O. Box 1503  
Phone: EX 4-3405-6

### VIRGINIA

**CHESAPEAKE**  
MOBILE HOME SERVICE CENTER  
1110 Military  
Phone 545-2312

**EMPORIA**  
APPLIANCE SERVICE CO.  
210 School St.  
Phone ME 4-2270

**SALEM**  
TRUCK & TRAILER SERVICE CO.  
1210 West Main Street  
DUpont 9-8775

### WASHINGTON

**MIDWAY**  
PROPANE SALES & SERVICE, INC.  
22247 S. Pacific Hwy., P.O. Box 25  
Phone TA 4-1611

**SEATTLE**  
HOLIDAY MOB. HOMES, INC.  
19222 Aurora Ave. No.  
Phone LI 6-2227

### WEST VIRGINIA

**NITRO**  
NITRO HEATING & PLUMBING CO.  
B116 Witry Bldg., 2nd Ave.  
Phone PL 5-4303

### WISCONSIN

**FOND DU LAC**  
STEENBERG MOBILE HOMES  
Highway 41 North  
Phone WA 2-9215

**JANESVILLE**  
KEYSER MOB. HOME SERV.  
1630 Beloit Ave.  
Phone PL 2-7941

**KENOSHA**  
GLEN'S HEATING SERVICE  
1606 53rd St.  
Phone OL 7-7633

**LA CROSSE**  
HOFFMAN TRAILER SALES  
80 Copeland Ave.  
Phone 2-1669

**MADISON**  
ALLIED MOB. HOME SERV. INC.  
2417 Pennsylvania Ave.  
Phone TE 6-4066  
WISCONSIN TRAILER MART  
3006 East Washington Ave.  
CHerry 4-3028 — Cedar 3-5842

**SCHOFIELD**  
J & D HOME SERVICE  
281 Grand Ave.  
Phone: FL 9-5540

**SPARTA**  
MOBILE HOME SERVICE & SUPPLY  
Phone Sparta 3-4500

**WAUNAKEE**  
PAUL'S MOBILE HOME SERVICE  
Route #1, Box 29  
Phone Middleton, Wisconsin  
836-4066

### WYOMING

**BIG PINEY**  
BUTANE POWER & EQUIPMENT CO.

**CASPER**  
FAY PEEBLES TRAILER SALES  
501 W. Yellowstone  
Phone 234-2505

**CHEYENNE**  
MARV'S TRL. SUPPLY  
Rt. 1, Box 138  
Phone 632-2222

**RIVERTON**  
PURE GAS SERVICE COMPANY  
Box 871  
Phone UL 6-3469

**ROCK SPRINGS**  
ARNE OJA SERVICE  
432 A Street

### CANADA

**AJAX, ONTARIO**  
MILLER HEATING SPECIALISTS  
9 Tudor Street  
Phone 942-3491

\*These organizations have factory trained personnel.



## SUPPLEMENT

### BAY-BREEZE AIR CONDITIONER

If you have elected to include an air conditioner among your optional accessories, you will find your Armstrong "Bay Breeze" unit a reliable and comforting piece of equipment.

Attention to a few maintenance details will help assure you the best service from your air conditioner. The following are items you may want to handle yourself, since they require no special tools or training.

1. Clean the air filter regularly (see procedures on operating instruction sticker). Never operate the air conditioner without the air filter in place.
2. Keep evaporator coils clean. These are the inside unit cooling coils. The evaporator coil may be inspected by removing the air filter and looking at the inside of the coil with a flashlight. For a complete inspection it may be necessary to remove the evaporator fan. If the passageways between the fins are plugged, carefully brush down the inner surface with a fiber brush or cloth to remove surface lint, taking care not to flatten or damage the fins. If clogged in depth, it may be necessary to have the coils steam-cleaned.
3. If the evaporator drain tubes show any indication of being plugged (such as overflow of condensate) disconnect the plastic drain hose from drain fittings in the side of the evaporator by pouring hot water over the tubing to soften it. Run a wire or tool through the drain fitting to clean out any accumulation of lint and blow through the tubing to make sure it is open. It may be necessary to run a wire (with the end protected) through to open it up. Water may then be poured through to flush out the tubing.
4. Keep the shroud louvers (the openings in the cover over the outside unit) and the condenser coils inside the shroud clean at all times. Brush off any accumulation of leaves, tree seeds, etc. If in looking through the shroud louvers it appears that there is foreign matter on the outer coil surfaces, remove the shroud and carefully brush off the fins. If they are clogged in depth, remove the condensing unit top by removing the four #10 x ½" S.M. screws in the corners. The coil may be flushed out from the inside by using a hose. If it is extremely dirty, steam-cleaning may be required. When replacing the condensing unit top, make sure the front and rear vertical panels are engaged by the slip joints in the lower edges of the top.
5. The fan motor is factory-lubricated for about five years of normal service. After that time it should be re-oiled. To lubricate—remove the evaporator fan blade, the shroud, the condensing unit top and the condenser fan blade. Remove the nuts holding the motor bracket in place and lift motor and bracket into a horizontal position. This can be done without disconnecting any wiring. Remove the hexhead screw installed in a radial direction in each end casting and add #10 or #20 non-detergent motor oil, *not household oil*. Add a few drops at a time and allow to soak in until the reservoirs are full. Reinstall the screws. Wipe off any excess and reinstall motor and fans. The hubs of the fans go flush with the ends of the shaft. When replacing the condensing unit top, make sure front and back vertical panels are engaged by the slip joints in the lower front and rear edges of the top.

### TROUBLE SHOOTING

**Unit does not run—neither fan nor compressor.** Check electric power to make sure the main switch is on and the time delay fuse is good. It is sometimes difficult to tell by appearance if the fuse is good, so replacement is an easy check. Use 115-volt 15-amp. time delay fuses (Fusetron, Fusestat, etc.). Be sure switch on side of unit is on "Hi" or "Lo" position, not in center.

**Fan runs but compressor does not run.** Set thermostat to temperature below room temperature. Thermostat contacts may be dirty. Run a hard-finished calling card or a dollar bill between the contacts to clean them. Never use an abrasive such as a file or sandpaper.

**Fan runs, compressor does not run but attempts to start periodically and then shuts down.** Check voltage at "load" side of main switch. The compressor is intended to operate on 115-volt 60-cycle current. If voltage is under 105 volts, it is doubtful if the unit will

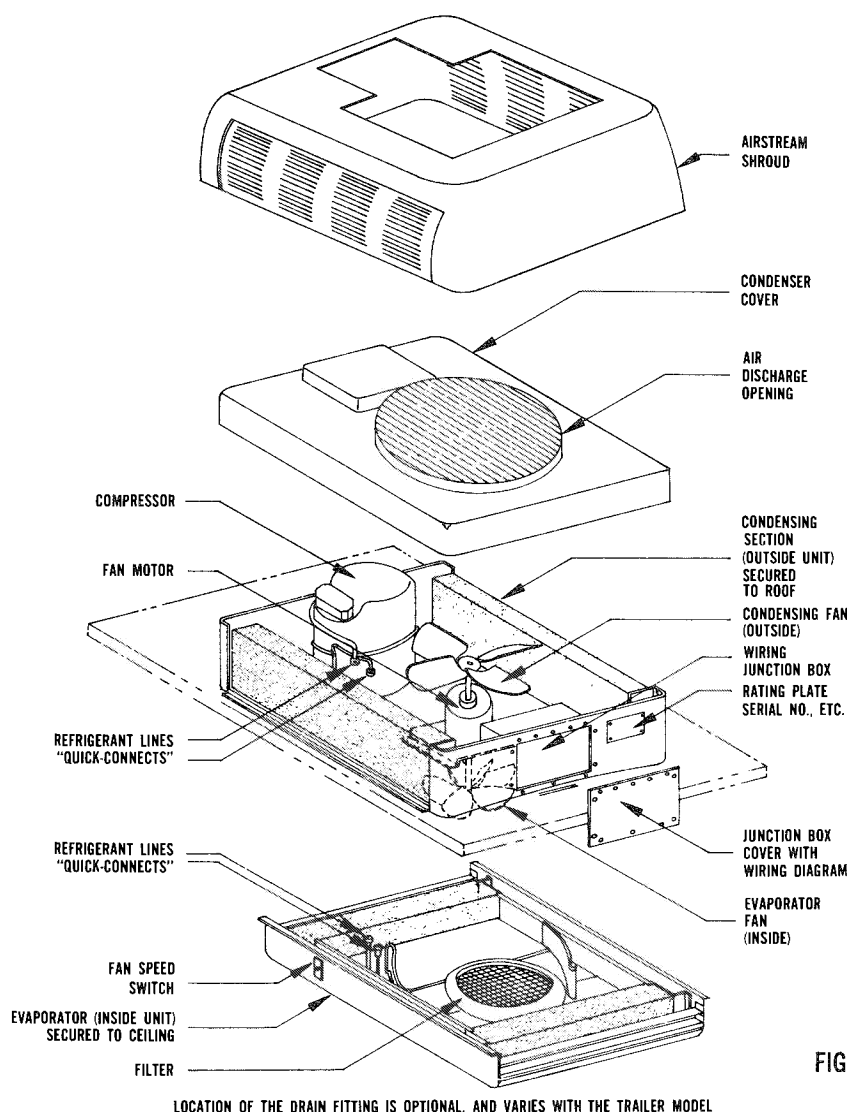


FIGURE 1-C

start and it may shorten the life of the compressor motor if it does run at reduced voltages.

**Fan runs, compressor tries to start** two or three times before it finally runs. The toggle switch has probably not switched fast enough from "Hi" to "Lo," or "Lo" to "Hi" and the compressor stopped when going through the "OFF" position, or the thermostat was pushed up and then immediately down again. This is not an abnormal condition. The compressor will not start until it has been off three minutes or longer. The normal thermostat cycles will provide for this. If it is started before this time, the internal overload protector will shut the current off and protect the compressor. It is possible, while the compressor is trying to start under the above conditions, to blow the main time delay fuse, particularly in hot weather. It is best, when the unit attempts to start and does not, to shut the unit off at the toggle switch or by pushing the thermostat setting up for a period of three to five min-

utes before restarting.

**Evaporator or cooling coils collect ice.** This can be caused by:

1. A dirty filter.
2. Operating with the directional louvers at the evaporator outlets closed too much.
3. Dirty evaporator coils.
4. Operating on low fan speed partially under the above conditions.
5. Maintaining too low a temperature in the trailer.

To de-ice, set thermostat to a high temperature reading, open a door or window to raise temperature and operate air conditioner fan at the "Hi" setting.

For operating troubles not described above, it is suggested that the nearest Airstream factory service center or authorized Airstream dealer be contacted.

## CHAPTER 6

# THE LPG (LIQUID PETROLEUM GAS) SYSTEM

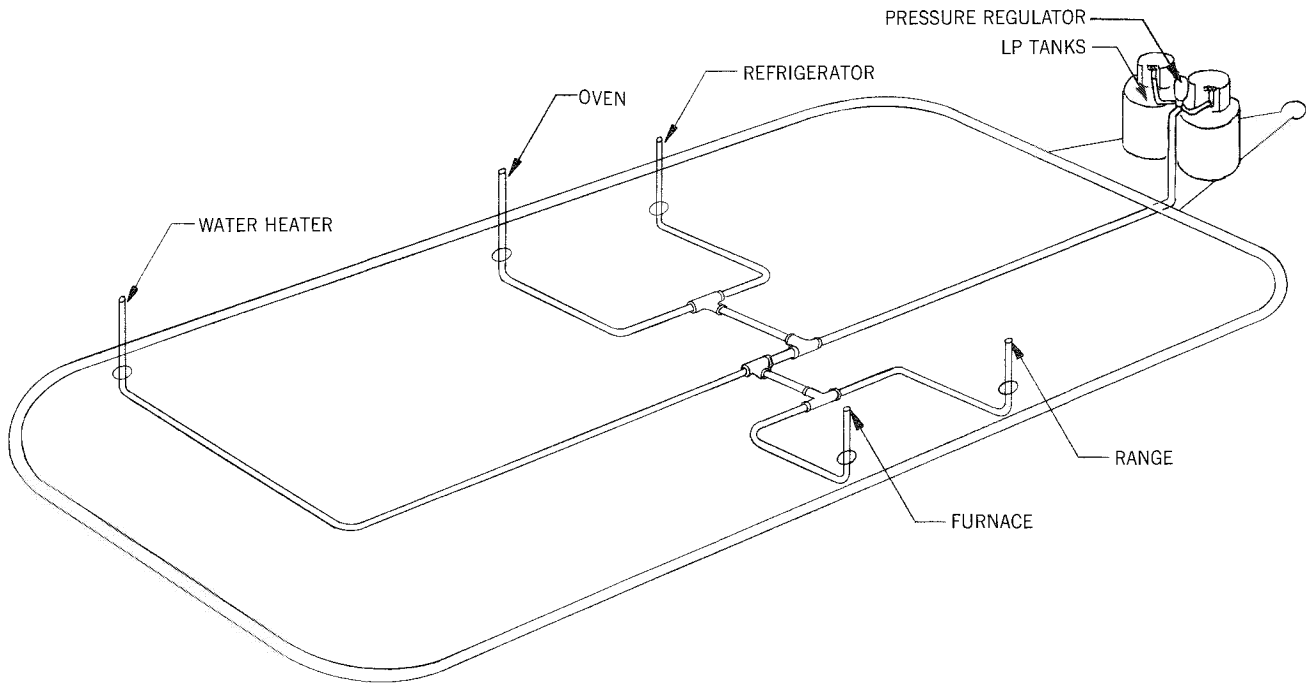


FIGURE 6-A

Your Airstream is equipped with two bottles for LPG (Liquid Petroleum Gas). LPG burns with a clean blue flame and produces much more heat than ordinary household gas. There are two basic types of LPG in common usage: Butane and Propane. Butane is widely used where temperatures are normally above freezing the year around and Propane is used where sub-freezing temperatures are common, since Butane freezes at 32°F as compared to 0°F for Propane. All of the orifices in your Airstream LPG appliances, except the furnace, are of the universal type which will burn either fuel. Check with your dealer to see if the furnace orifice is Butane or Propane. If you wish it changed to the other fuel contact your nearest International Service Point as listed in this Manual.

How long a full bottle of gas will last is of course dependent on usage. In cold weather when you are using the furnace extensively; large amounts of hot water; and are doing extensive cooking, you will naturally use more than you will in warm weather and when you do limited cooking. On the average, with normal cooking and other appliance use, you can probably count on three weeks service from each full bottle.

Every Airstream, except the Bambi II, has as standard equipment an Automatic Gas Regulator. Both

tanks are connected to the A.G.R. and are turned on. Gas is drawn from only one bottle at a time and when the bottle being used is depleted the A.G.R. automatically switches to the full tank. A red arrow on the A.G.R. points toward the tank being used to give you a visual reminder when one tank is empty. The empty tank can be removed for refilling without disturbing the tank being used. Simply disconnect it, have it filled and re-connect. When the tank being used is emptied, the A.G.R. will automatically switch over.

To remove the gas bottle, disconnect the tubing nut with a wrench and loosen the large wing nut which holds the bottle in place. The tubing nut has a *left hand thread* so be sure to always turn it *clockwise* to loosen and counter-clockwise to tighten. When replacing bottles, connect and tighten bottles before clamping them in place.

If you have allowed both bottles to run out, air may have gotten into the lines. In this event the air must be forced out through the lines by the gas pressure before you will be able to light your pilots. Hold a match to the pilot of the appliance closest to the tanks until it lights. Then move to the next closest, etc.

Figure 6-A is a diagram of the LPG system in your Airstream.



## THE SEWAGE AND WASTE DISPOSAL SYSTEM IN YOUR AIRSTREAM

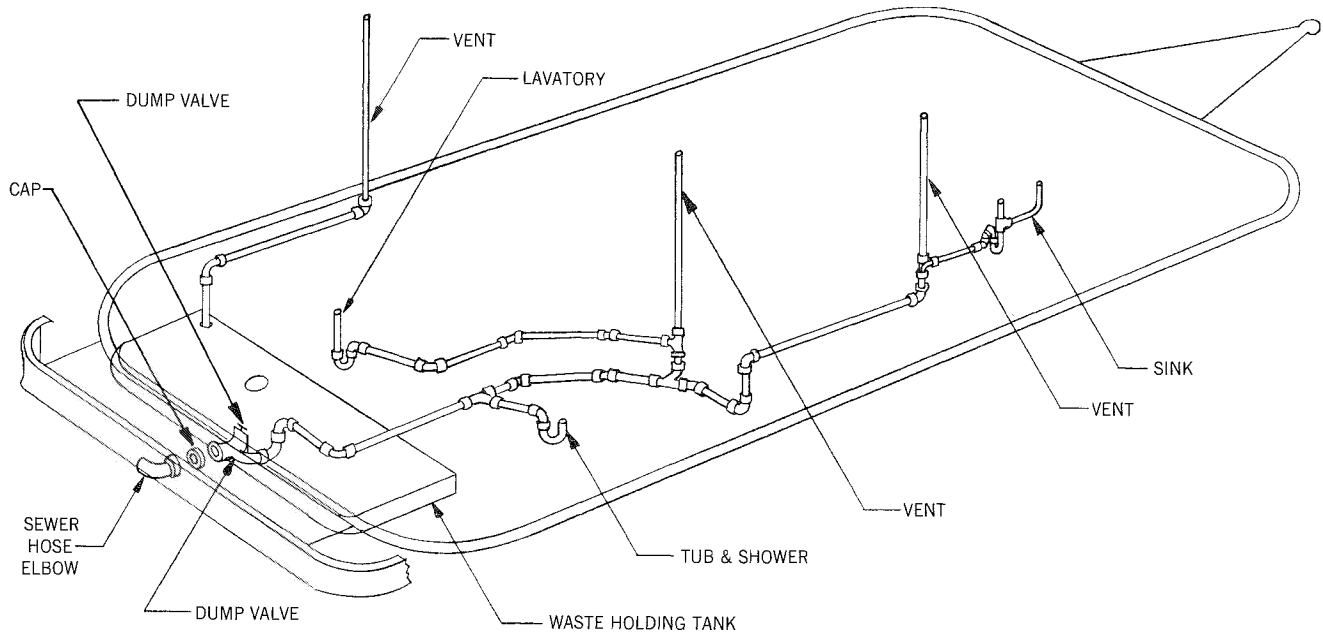


FIGURE 13-A

Your Airstream is equipped with a septic holding tank for sewage which permits use of the toilet for several days away from disposal facilities. The waste water from the sink, the shower, bath and lavatory all drain through the same outlet as the septic tank so you will need to make only one connection when hooking up in a trailer park. The diagram above shows the waste water disposal and septic tank in your Airstream.

The septic tank is made of seamless molded plastic, completely free from corrosion problems, with a specially designed dump valve for trouble-free operation. The best procedure for use of the septic tank when hooked-up to a sewer connection is to **keep the dump valve closed** and use plenty of water when flushing. This will prevent paper and waste material from building up at the valve causing the valve to not close properly and to leak.

When the toilet will no longer drain, the tank is full and must be emptied... watch this closely because when the tank is full the sewage cannot be emptied from the toilet bowl. To empty tank, attach sewer hose by pressing the fitting on the outlet and rotating until it feels solid and secure. Attach the outlet end of the hose to the sewage outlet making certain that the hose

is positioned so that it will drain completely. Pull the dump valve handle up as far as it will go and wait until the tank is drained. Refill the tank with 5-10 gallons of clean water and repeat the operation to insure that all paper and waste material has been flushed out. Close valve.

If you are moving on, place a small amount of clean water in your tank with some commercial cleaner such as TST so that it will slosh around and clean the tank while you are driving.

In an emergency you can empty waste water from the sink and lavatory into your septic tank instead of allowing it to run on to the ground (some state parks forbid letting sink and bath water run onto the ground although it is often done in the wilderness). Note: Bambi II models are not equipped for this. To empty waste water into the septic tank, open the dump valve while keeping the Sewage Line Drain Cap on. Waste water will automatically back up into the septic tank. Note: Water conservation must be practiced when allowing waste water to drain into septic tank since it will fill rapidly.

After you have been emptying waste water into the septic tank in this manner, when you arrive at a waste disposal facility, close the septic tank dump valve,

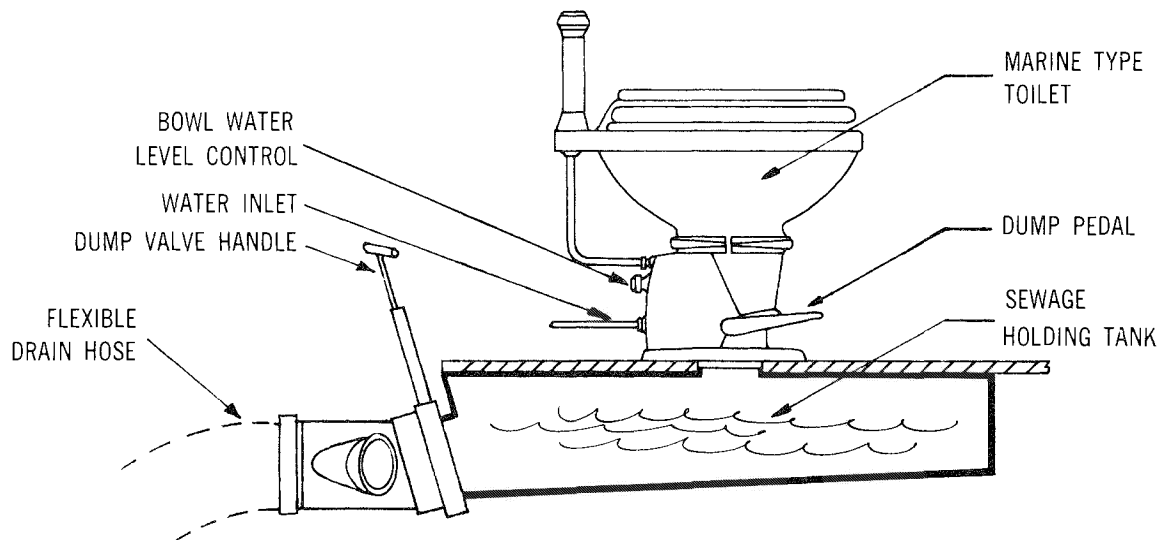


FIGURE 13-B

place a bucket under the tank outlet and remove the Sewage Drain Line Cover Cap in order to drain the section of pipe between the cap and the valve.

### USING A "GOPHER HOLE"

When you are parking in areas where it is permissible to do so, you may dig a "gopher hole" to dispose of the contents of your septic tank. To dig a gopher hole:

Dig a deep hole keeping the dirt you dig out in a large carton or box under your trailer. After the hole is dug, back your trailer up so that the toilet drain hose will drop straight down into the hole and so that the hole will not be where anyone

could step into it by mistake. It is strongly recommended that you use an Airstream "gopher hole" cover... a plate which will cover the hole completely and that you can seal by piling some dirt around the edges (the hole in the plate will be just large enough to take the sealing ring you usually use to seal your sewer hose where it enters the trailer park sewage system.)

When you are ready to move, fill the hole carefully with the dirt in the box, stamp it down and smooth it over.

Before you "gopher hole" make absolutely certain you are not violating any local ordinance or state law.

## CHAPTER 12

# THE WATER SYSTEM

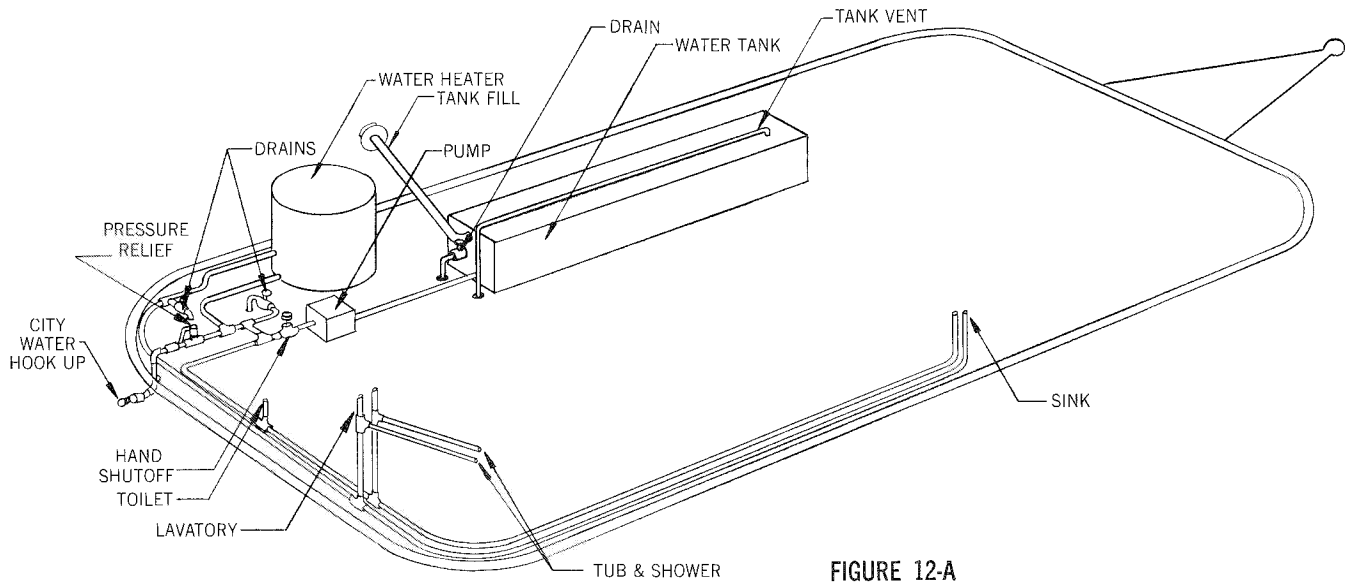


FIGURE 12-A

The water system in your Airstream trailer provides full service both when city water is available and when the trailer is operated completely self-contained.

When you are operating your water system from a city water service, connect a hose to the water entry fitting which is located at the far left side in the hose carrier compartment immediately under the One Stop Service Center. Since the system is completely automatic nothing else needs to be done before you utilize the entire water system, except to turn the switch on the water pump to the "Off" position.

If the water system has previously been drained it will be necessary for you to force the air from the water heater before lighting the water heater. Open a hot water faucet and allow all of the air to be forced through. If you plan to remain for some time where city water is available, drain the water storage tank and refill with fresh water before departing. Your system has check valves in the water lines to protect the water tank and, therefore *will not fill* while you are connected to city water.

If city water is not available, or will not be available at your destination, the Airstream self-contained water system may be used. The lightweight polyethylene water tank stores 30 gallons of tasteless, odorless, clean fresh water for all your needs (20 gallons in the Bambi II). The new Airstream pressure-demand water

pump runs whenever a faucet is open and shuts off almost immediately when the faucet is closed; silently delivering 2½ gallons per minute under constant pressure. To fill the water storage tank, remove the cap on the left side of the trailer and fill the tank with a water hose or bucket. The tank may be filled until the water entry pipe is overflowing. Replace the cap . . . the water system is now ready for use. Remember, if you have been hooked up to city water your tank *will not* have been filled so be sure to fill it before leaving. If the hot water tank was completely empty it must be refilled before lighting by opening a hot water faucet and waiting until water comes out the faucet.

The Airstream pressure-demand water pump is conveniently located in the One Stop Service Center (See figure 1-C). The only thing necessary to operate it is to turn the switch located at the top left part of the pump to the "ON" position and to turn the switch above the galley to the "ON" position. Note: before leaving your Airstream unattended for any length of time, it is advisable to turn off the water pump.

Due to iron and lime deposits which are found in various parts of the country, it is advisable to clean the tank occasionally. Pour some bicarbonate of soda into the filler pipe with several gallons of water and allow to stand for several hours. Flush out by opening the drain cock and running cold water through the tank.

Among the many fine accessories for an Airstream trailer is the Ogden Water Purifier at your galley sink. This remarkable unit is a complete water purification system that will provide crystal clear, good tasting and pure drinking and cooking water wherever you travel. It effectively removes all chlorine, organic odors, taste and harmful bacteria.

It will be necessary to change the pack in your Ogden water purifier periodically with a type "SM" replacement pack. These are available from your dealer, or accessory store. Instructions for changing the pack are in each box. It is a good idea to order packs two at a time so that you will always have a spare on hand.

Your Airstream is equipped with a water pressure regulator. This is an exclusive feature which protects the plumbing inside your Airstream from possibly excessive pressures which may be encountered in city water systems. The water pressure regulator insures that regardless of variations in the city water pressure, the water pressure at the faucets in your Airstream will always remain constant. If it should ever become necessary to adjust the water pressure regulator there is a screw adjustment located on the dome (see Figure 12-A). Turning this screw clockwise increases pressure — counter clockwise decreases pressure.

## TROUBLE SHOOTING

Trouble — Pump does not prime

- a. Be sure there is water in the tank.
- b. Make certain battery power has not been exhausted.
- c. Check valve assemblies to make certain no foreign matter is between the valve and valve seat causing loss of suction. This is done as follows:
  1. Remove four slotted head screws (see Figure 12-B).
  2. Lift motor, drive, and diaphragm assembly off base.
  3. Lift valve assemblies from pockets and clean all foreign matter from valve and valve seat.
  4. Replace valve assemblies back in the same pockets, being sure rubber valve is in UP on INTAKE SIDE and DOWN on EXHAUST SIDE.
  5. Replace top assembly and bolt back together, being careful to tighten evenly.

Trouble — Pressure drops and pump kicks on periodically when water is not being drawn

- a. Check all connections and faucets for leaks.

One drop of water per minute will cause the pump to run every two hours.

Trouble — Pump operation is rough and makes excessive noise

- a. After several months of operation, under certain conditions, the flow of the pump may become rough. If this happens the flow may be smoothed out again as follows: turn pump off, close inlet, open outlet, and with an air pump force air into system through the snifter valve (located at the rear of the unit on the intake side) until air comes from the outlet. Recap snifter, open intake and restart unit. Periodic attention should be given to snifter valve to see that valve core works freely and the hole in cover is kept open.

Trouble — Excessive belt wear

- a. Adjust belt for proper tension. Belt has proper tension if it can be moved in and out on one side a total of  $\frac{1}{4}$ " at a point half way between pulleys. To adjust belt: loosen nuts on end of motor and slide motor up or down until desired tension is attained, then retighten nuts.

Trouble — Pump runs frequently or constantly and there is no leak in the pressure side

- a. Check for an air leak on the suction side of the pump (between the tank and the pump). This will not damage the pump but will run the battery down.

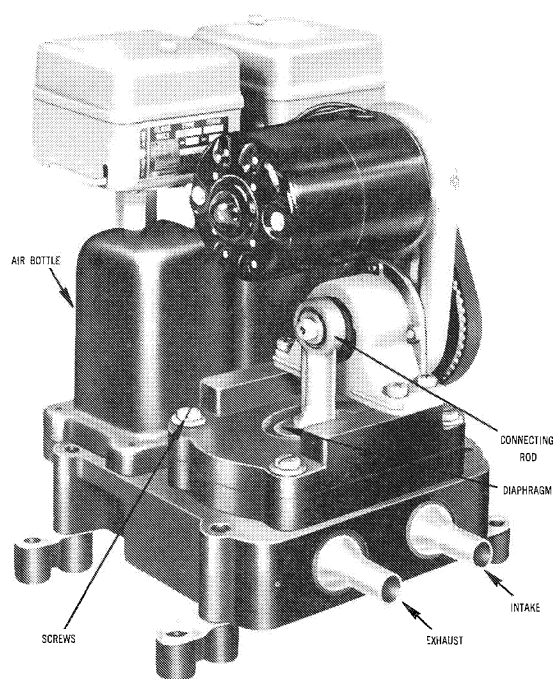


FIGURE 12-B



## CHAPTER 11

# THE ELECTRICAL SYSTEM IN YOUR AIRSTREAM

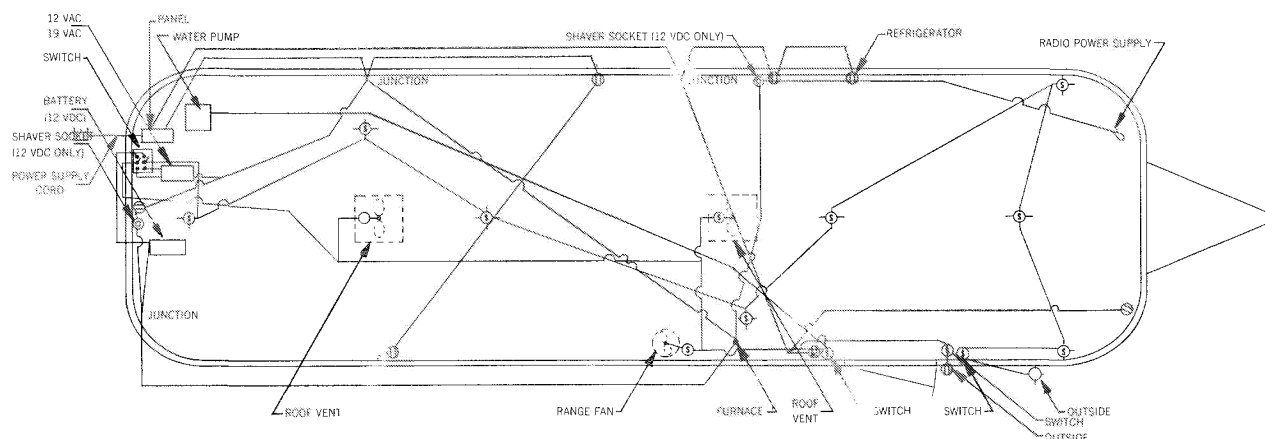


FIGURE 11-A

Your Airstream is equipped with the latest development in trailer electrical systems . . . the exclusive Airstream UNI-VOLT system. The lights and appliances . . . even the vent fan, range fan, and furnace air circulator operate from the self-contained battery power without outside hook-up. At a flick of the two master switches when you are hooked up to city power, everything operates automatically on the 110-115 volt AC current. The UNI-VOLT system is made possible through the use of new 12-volt marine light bulbs that give the same light you would expect from regular household bulbs, and a special 2-circuit transformer. Additional 110-115 volt AC convenience outlets are provided for operation of appliances such as TV, etc., when hooked up to city power. A wiring diagram of your Airstream is shown above.

The battery in your Airstream is a Delco which is warranted for 24 months. You will find the warranty in the pocket in the front of this manual. For service or replacement, go to any service station or dealer displaying the Delco sign or look in the classified section of your telephone directory.

As you drive, the battery in your trailer is under constant charge by your car's generator. The battery, your car's wiring and your Airstream's wiring are protected by a series of automatic circuit breakers which trip when a short or current surge occurs and go back into operation automatically when the trouble is corrected.

When you are operating your trailer on 110-115 volt city current, the wiring is protected by circuit breakers which are located in the cupboard under the medicine

chest in the bathroom. There are no fuses in either the 12 volt or the 110-115 volt circuits in your Airstream.

### WHEN YOU ARE OPERATING YOUR AIRSTREAM SELF-CONTAINED

All that is necessary to operate the UNI-VOLT system on battery power is to:

1. Throw both switches in the one-stop service center (see Figure 3) to the "Battery Power" position.
2. Throw fan switch on furnace to "12 volt"

All 110-volt convenience outlets and the air conditioner, if you have this optional accessory, will now be inoperable.

### TO OPERATE WITH CITY POWER

To operate the UNI-VOLT system in your Airstream trailer from 110-115 volt AC city power, the procedure to follow is:

1. Throw switches at the one stop service center compartment (see Figure 3) to the "City Power" position.
2. Throw fan switch on furnace to "110 volt" position.
3. Pull power supply cable out of the storage compartment and plug into city power.

**NOTE:** Be sure polarity indicator light (located on top of main panel) is off when power supply cable is plugged in.

As long as you are hooked into electrical service that

accepts the three-prong grounded plug, you should not have a problem with polarity. However, in older parks and many other locations you will not be able to tie into three wire grounded service. In this event follow this procedure:

- a. Attach the three-prong plug on your trailer power supply cable to a two-prong adapter. The third conductor line from the adapter has a ground lug. This is your ground line.
- b. Clamp ground line to junction box or other ground such as a water pipe, then insert two-prong plug into the receptacle.

- c. After cord has been connected look at the switch panel in the One Stop Service Center. If the neon light is glowing, pull out the plug, turn over and reinsert. The neon lamp will now be out and the polarity will be correct. Your Airstream electrical system is grounded.

It is necessary to ground the service coming into your Airstream to prevent a possible shock to anyone touching your trailer.

**NOTE:** Always make certain that the trailer park service is 110-115 volt, not 220V.

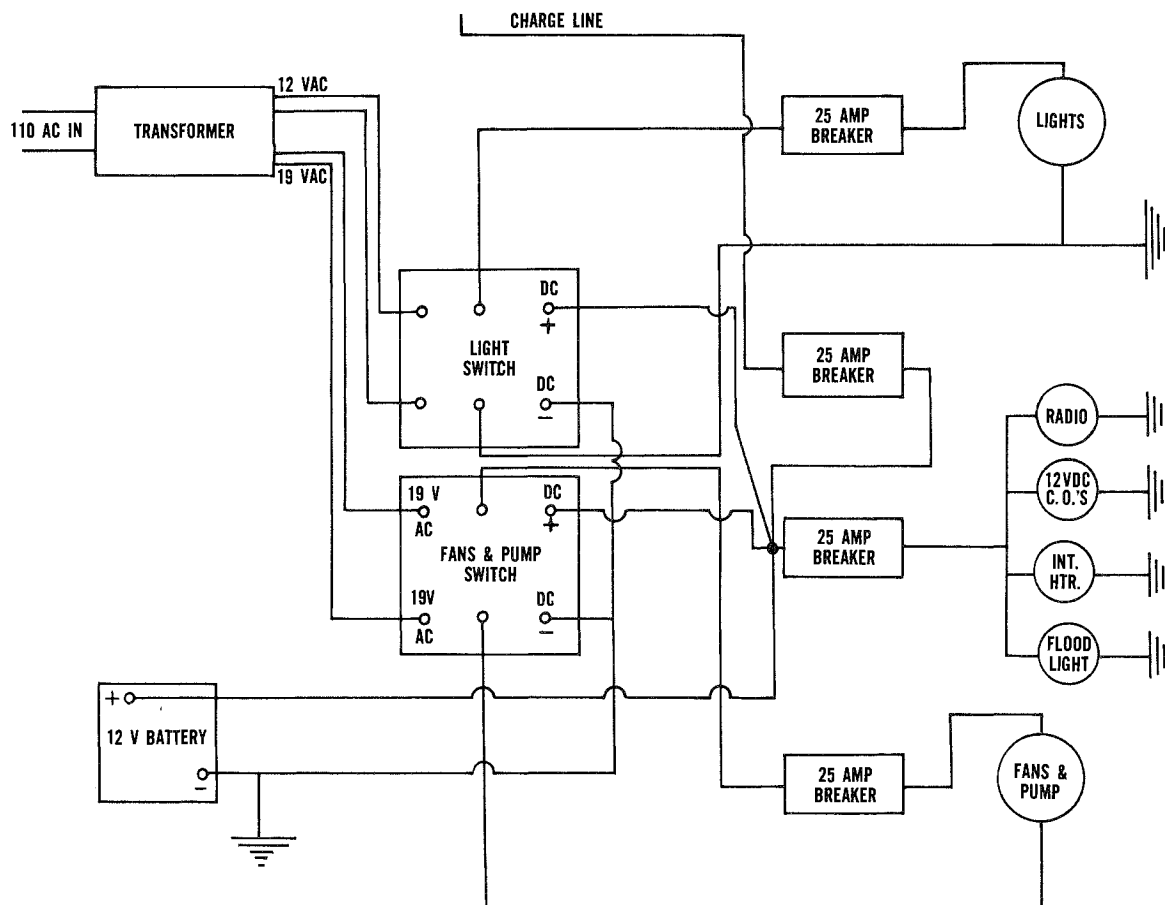
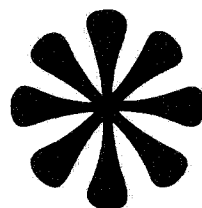


FIGURE 11-B



**MAINTAINING  
YOUR  
AIRSTREAM**

## EXTERIOR MAINTENANCE ON YOUR AIRSTREAM

To keep your Airstream looking like new, it is important to keep the aluminum surface clean. Oils, greases, dust and dirt can be removed by washing with any mild non-abrasive soap or detergent such as those found around the house or those recommended for washing automotive finishes. (Automatic dishwasher detergents generally are too strong and should not be used). Under no circumstances should you attempt to use any of the acid etch cleaners that are available on the market as trailer cleaners. These are very dangerous for an amateur to use and, unless carefully handled, can be harmful to both the user and the trailer.

Cleaning solutions are best applied with a large sponge, soft cotton cloth or with a soft-to-medium bristle brush for stubborn spots. Cleaning should be followed by rinsing with clear water, taking care to rinse all detergent from cracks, grooves and crevices. Best results will be obtained by drying the surface with a chamois or soft cloth to prevent spotting or streaking. Always be careful to clean your Airstream in the shade or on a cloudy day and that the aluminum skin is not hot.

After cleaning and drying, a good grade of non-abrasive automotive paste or liquid wax will greatly increase the life of the finish, maintain a uniform overall appearance, protect the finish from minor scratches and abrasions, and make later cleaning and maintenance less frequent, less time consuming and less expensive.

Wax coatings should normally be applied every three to six months. They are best applied by hand but a soft, light-pressure mechanical buffer can be used if great caution is taken. Even non-abrasive waxes may cause surface marks if heavily buffed with high-pressure mechanical buffing equipment. The life of the wax coating is dependent on the degree and severity of exposure and maintenance between waxings. To get the longest life from wax coatings, excess grime and soil should be washed as often as needed with clean, cool water and the surface dried with a damp chamois or cloth. A protective wax coating is particularly important in seaboard localities where the finish is exposed to salt air, and in industrial areas where the finish is exposed to industrial waste fallout.

It is important to remove sap, seeds, gum and resin as soon as possible after they appear by washing and rewaxing. Sunlight and time will bake harden these

materials so they may become ingrained into the actual finish of the aluminum, making them almost impossible to remove without heavy buffing.

If your trailer becomes exposed to unusually severe and corrosive atmospheric or service conditions, or has received improper or little maintenance, the aluminum may oxidize. This oxidization appears either visibly, as a white powder in very small granules, or can be felt as a roughness on the surface. To clean your Airstream trailer after oxidization has taken place, the following procedure is recommended:

1. Wash your trailer with a good detergent using moderately hot water. Remove all dirt, mud and as much of the road asphalt as possible. If asphalt remains on the trailer after washing, use a small amount of kerosene on a rag and wipe the spots individually, being careful not to scratch the aluminum.
2. Use a ready made aluminum cleaning preparation such as those designed for use on aircraft. One that has been found to be satisfactory is **Met-All**. Use a fairly large, soft cloth spread with some Met-All and rub lengthwise on the trailer or parallel with the grain of the aluminum (you will be able to determine the grain of the aluminum by looking closely at each panel). Do one complete sheet or section at a time.
3. Continue to rub the Met-All paste on the sheet after it has picked up a black color, which indicates that oxidization is being removed. Do not allow the rag to become caked or hard. Use either a clean rag or keep turning the rag as long as it is usable. When a cake of oxidized aluminum paste develops it is possible, with continued rubbing, to scratch the metal surface.
4. After completing the instructions under paragraph 3, use a soft, clean cloth that has been dusted with ordinary white wheat flour and buff off by hand the excess material that has been left on the sheet. (For extremely tough jobs it may be necessary to do a complete job twice, except that the second time it is not necessary to wash the trailer with detergent).
5. The use of a buffer is *not* recommended except in the hands of a thoroughly experienced person (if not expertly used, the buffer will leave

a pattern on the aluminum surface.)

Glass Wax (made by Johnson) has been found to be very useful in removing the last marks made in rubbing off the oxidization. After it is thoroughly clean, the entire surface should be rewaxed.

If your Airstream has been protected by the optional lacquer finish applied at the factory, it will have on it an impervious film which should afford years of satisfactory service. As with any high quality finish, however, damage may occur if strong solvents or abrasive cleaners are used to remove road stains such as asphalt

or insects. If use of solvents is necessary to remove these materials, the areas affected should be wiped with a good grade lacquer finish and touched up with a spray bomb of clear acrylic lacquer. If through the years the protective lacquer film is removed in extensive areas due to abrasion or highly corrosive atmospheres, a non uniform appearance may result due to the differential oxidization of the underlying aluminum. Under these circumstances it is best to remove all lacquer with a good grade lacquer solvent and repolish the entire trailer.

## CHAPTER 15

# INTERIOR MAINTENANCE

The interior of your Airstream is designed to be as trouble and maintenance-free as is possible. Following these tips will help maintain the interior of your Airstream sparkling new:

### THE ZOLATONE INTERIOR WALL FINISH

An occasional washing with mild soap is all that is ever necessary to maintain the Zolatone interior finish of your Airstream. It is a plastic surface designed to last the life of your trailer. Although soaps will not harm Zolatone, avoid using detergents as they can cause it to dry and flake.

### INTERIOR WOODWORK

Always use a mild soap when washing the woodwork in your Airstream. Never use a detergent as a detergent may attack wood and damage the beautiful finish. Furniture wax such as Pride can be used to both clean and protect the finish.

### DRAPES & UPHOLSTERY

When storing your trailer it is a good idea to protect the upholstery from fading rays of the sun by putting aluminum foil between the window and the screen.

### FORMICA WORK SURFACES

The Formica work surfaces in your Airstream resist alcohol, fruit stains, scratches, acid, household alkali and heat up to 275°F. Waxing will help preserve the luster. Never use abrasive cleaners or use the formica surface for slicing or cutting. Protect from hot vessels.

### PLASTIC BASIN AND TUB

The lavatory basin and tub in your Airstream are made of special, long-wearing plastic for light weight, high strength, and long life. When cleaning, use soap or detergent only — *never use scouring powder.*

## CHAPTER 16

# WINTERIZING YOUR AIRSTREAM

If you will be storing your trailer for the winter in sub-freezing weather, it is important to guard against damage in the hot and cold water systems; the waste drain system including the traps; septic tank; and the water heater. To completely winterize your Airstream follow this procedure:

1. Level the trailer from side-to-side and from front-to-rear. Open all the faucets on the inside and remove the hand filler cap.
2. Open all drain valves. There are three which are located under the left bed or in the left rear wardrobe.
3. While the water is draining from the system, go inside and open and close the toilet flushing valve. There is great danger from freezing if water remains in this valve.
4. Pour about a cup of kerosene into the lavatory and sink drains to prevent freezing water in the traps, or drain them completely. *Do not use anti-freeze.*
5. Pour about a cup of kerosene into the shower or tub drain tap. (There is no effective way of draining it). *Do not use anti-freeze in trap.*
6. Be sure to open the septic tank drain valve and drain the septic tank thoroughly (this is very important as the sewage in the septic tank, if frozen, could seriously damage the tank).
7. Lower the front of the trailer as far as the jack will allow and see if the water will continue to drain. Then crank the jack up as high as it will go and let any water remaining drain out.
8. Open all faucets inside the trailer.
9. Remove the cover of the water purifier if your trailer is so equipped and drain purifier.
10. Turn lever on water pump pressure switch to "OFF" position.
11. Disconnect Inlet and Outlet connections and turn pump by hand until all water is expelled from the unit.
12. Make certain that the battery in your trailer is up to charge to prevent it from freezing, or remove it for storage where it cannot freeze.

# THE RUNNING GEAR (AXLES, WHEELS, BRAKES) AND MAINTENANCE

## MAINTENANCE GUIDE

Item	Every 1,000 Miles	Every 5,000 Miles	Every 10,000 Miles	Procedure
Battery	X			Check water level—fill with distilled water only.
Smoke Hood Fan	X			Clean blades
Smoke Hood Filter	X			Wash
Hitch Ball Latch	X			Lubricate by coating with engine motor oil.
Hitch Jack	X			Lubricate with light household oil (put oil can spout up under handle and allow oil to run down post.
Window Operators/Slide	X			Lubricate with light household oil.
LPG Hold Down Screw	X			Lubricate with light household oil.
Entrance Door Hinge	X			Lubricate with light household oil.
Roof Vent Elevator Screws	X			Lubricate with light household oil.
All Exterior Door Locks	X			Lubricate by shooting in dry graphic.
Strike pocket on Exterior Door	X			Coat with paraffin.
Wheel Bearings			X	Clean, repack, and adjust.
Brakes			X	Inspect and adjust.
Tires	X			Inspect for foreign objects. Check pressure (60 psi except the Bambi II which is 40 psi).
Tires		X		Cross-switch.
Water Pump		X		Check for wear and proper tension.

Your Airstream is without a doubt the finest engineered travel trailer ever to be mass produced. Every step of the design and the choice of every component has been to give you thousands of miles of trouble-free operation. By following this minimum maintenance schedule you will enjoy all of the pleasure you dream of from your trailer . . . and more.

### SEASONAL CHECK-UPS

Every fall and winter, and after any long storage, all of the gas appliances should be checked, cleaned and adjusted to insure safe and care-free operation. See chapters on individual appliances in this manual for maintenance procedures or have your Airstream dealer perform this "preventative maintenance" for you.

### THE DURA-TORQUE AXLE IN YOUR AIRSTREAM

The Dura-Torque axle in your Airstream has been referred to by experienced trailerites as "the greatest thing that has happened to trailers since they invented the wheel." The Dura-Torque axle gives a much finer ride than the conventional axle and spring, and by elimination of the great number of parts, eliminates

sources of maintenance problems. The Dura-Torque axle is designed to last the life of your trailer without service except to the wheel bearings.

### WARNING!

Under no circumstance, ever allow anyone to weld on the Dura-Torque axle (such as in mounting skids or welding in the area of the axle where the heat may be transferred to the axle). The heat generated by welding will destroy the rubber pads and cause failure of the axle.

One of the bonuses that result from having independent dura-torque suspension on tandem model Airstreams is the ease with which a flat tire may be changed. On a tandem trailer, to change one of the wheels it is necessary only to drive the remaining wheel on the same side up on a block about 4 inches thickness. The wheel with the flat tire will then clear the ground to a point where it is possible to remove it and replace it without the use of a jack. If a spare is not carried, it is quite possible to drive the unit for some distance on 3 wheels only.

## THE KELSEY-HAYES ELECTRIC BRAKES ON YOUR AIRSTREAM

The Kelsey-Hayes 2-shoe adjustable brakes on your airstream are the finest electric brakes available on the market. They are operated by the 12-volt current on your car battery and can be hooked-up so that you have an integral system with your car brake.

The number one cause of trouble with trailer brakes is improper installation in the tow car. To prevent problems and insure satisfactory braking action it is necessary that you install a Kelsey-Hayes controller and a Kelsey-Hayes variable resistor in line with the brake controller in your car. Do not attempt to use any other brand.

Kelsey-Hayes publishes an excellent brake manual, a copy of which is enclosed in the warranty pocket in the front of this manual. It is suggested that you read it and follow the instructions completely.

To adjust your Kelsey-Hayes brakes is quite simple following this procedure:

1. Remove the small rubber plug at the base of the backing plate.
2. Use an old style Chevrolet brake adjusting tool or a screwdriver that has been heated and bent to a 90° angle.
3. Jack the wheel up so you can spin it by hand; tighten the brakes, (using the previously mentioned tool) until the wheel is locked; back off until you have a free spinning wheel (which will be approximately 15 notches.)
4. Repeat this operation with all of the other wheels on your trailer.

## THE TIRES ON YOUR AIRSTREAM

Your Airstream is equipped at the factory with Goodyear 7:00x15 travel trailer tires (Bambi II has 7:50x14 tubeless). The guarantee on the tires is in the warranty pocket in the front of this manual. Your Airstream dealer cannot make adjustments on these tires — they can be made by any Goodyear dealer. It is suggested that you contact your Airstream dealer to get the name of the nearest Goodyear dealer who maintains a stock of tires for your Airstream. When you are on the road, if you have any problems with your tires, check in the

classified pages of the telephone directory for the nearest Goodyear dealer. The following rules will help you get top performance and maximum life from your tires:

1. Always check air pressure in your tires before starting on a trip and when the tires are cool. Be sure you always maintain the correct pressure when cool but never “bleed” air out after you have been driving or when the tires are hot. The tires are designed to compensate for the higher pressures that will be encountered as they are driven and “bleeding” out air could result in under-inflation when they have cooled. The proper pressure for tires as supplied with your Airstream 7:00 x 15) is 60 psi (except the Bambi II which is 40 psi). Make sure valve cores and valve caps are tight to prevent loss of air.
2. When parked between trips, maintain recommended air pressure in all tires at all times.
3. Whenever possible, park in shaded areas so that tires are not exposed to the direct rays of the sun.
4. If parking for extended periods of time, put your trailer on blocks so that tires do not touch the ground. If local parking regulations permit, and facilities are available, remove tires and store in dry, cool enclosure.

An over-inflated tire is weak and will wear more quickly than a properly inflated tire. When tires are over-inflated, a smaller portion of the tread is in contact with the road, reducing its ability to absorb road shocks and inviting blowouts.

Under-inflation always causes rapid tread wear and often causes premature failure. In under-inflation, as in over-inflation, only part of the tread is in contact with the road. (see illustration). Tires will wear abnormally and rapidly, with most of the wear taking place on the outer edges of the tread. Excessive heat builds up in under-inflated tires causing structural damage to the tire with the resultant danger of failure. The tires on your Airstream should be rotated regularly every 5,000 miles. If you carry a spare include the spare in the rotation. See illustration for recommended switching procedure.



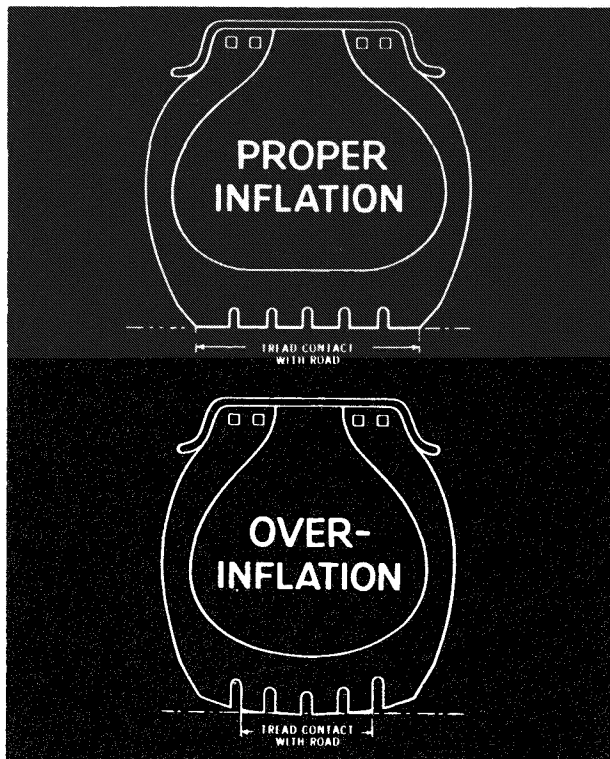


FIGURE 17-A

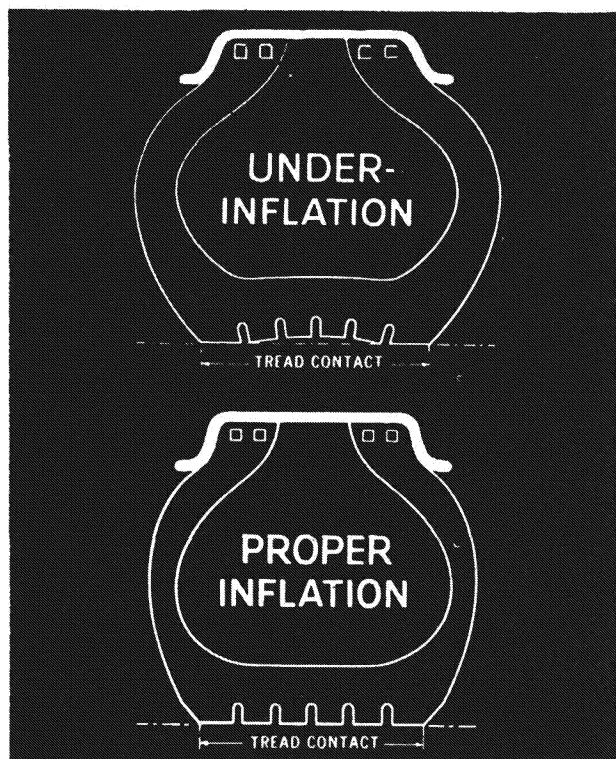


FIGURE 17-B

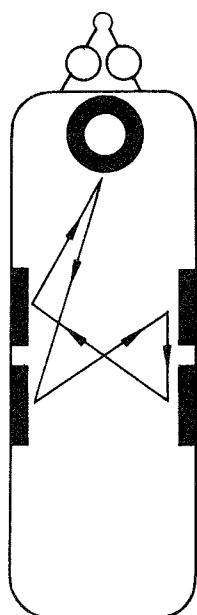


FIGURE 17-C

