

**SEARS/CRAFTSMAN®**

Save This Manual For Future Reference

# Home Sharpener owner's manual

MODEL NO. 319.190710

**CAUTION:** Read, understand and follow ALL instructions and rules for safe operation before operating this sharpener.



- Warranty
- Important Safeguards
- Grounding Instructions
- Introduction
- Know Your Home Sharpener
- Operation
- Sharpening Information
- Maintenance
- Assembly Diagram and Parts List

SEARS, ROEBUCK AND CO., Chicago, IL 60684

#### FULL ONE YEAR WARRANTY ON CRAFTSMAN HOME SHARPENER

If within one year from the date of purchase, this Craftsman **HOME SHARPENER** fails due to a defect in material or workmanship Sears will replace it, free of charge.

**WARRANTY SERVICE IS AVAILABLE BY RETURNING THE HOME SHARPENER TO THE NEAREST SEARS STORE IN THE UNITED STATES.**

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Sears, Roebuck and Co., Dept. 817 WA, Hoffman Estates, IL 60179

## IMPORTANT SAFEGUARDS

When using electrical appliances, basic safety precautions should always be followed including the following:

1. Read all instructions.
2. To protect against risk of electrical shock do not put housing or electrical cord in water or other liquid.
3. Close supervision is necessary when any appliance is used by or near children.
4. Unplug from outlet when not in use, before putting on or taking off parts, and before cleaning.
5. Avoid contacting moving parts.
6. Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions, or is dropped or damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair or electrical or mechanical adjustment.
7. The use of attachments not recommended or sold by the manufacturer may cause fire, electric shock or injury.
8. Do not use outdoors.
9. Do not let cord hang over edge of table or counter.

## SAVE THESE INSTRUCTIONS.

## OTHER IMPORTANT SAFEGUARDS

1. **KEEP WORK AREA CLEAN.** Cluttered areas and work surfaces invite accidents.
2. **STORE SHARPENER WHEN NOT IN USE.** Store sharpener in a dry, high or locked up place out of the reach of children.
3. **DON'T FORCE SHARPENER.** It will do the job better and safer at the rate for which it was designed.
4. **ALWAYS WEAR SAFETY GLASSES.** Everyday eyeglasses have only impact-resistant lenses; they are NOT safety glasses.
5. **DON'T ABUSE CORD.** Never carry sharpener by cord or yank it to disconnect from receptacle. Keep cord away from heat, oil and sharp edges.

## OTHER' IMPORTANT SAFEGUARDS CONT.

6. **MAINTAIN SHARPENER WITH CARE.** Keep clean for best and safest performance.
7. **AVOID ACCIDENTAL STARTING.** Don't carry plugged-in sharpener with finger on switch. Be sure switch is OFF when plugging in.
8. **NEVER LEAVE SHARPENER RUNNING UNATTENDED, TURN POWER OFF.** Don't leave sharpener until it comes to a complete stop.
9. **KEEP FINGERS AWAY FROM ROTATING SHARPENING WHEEL.**
10. **NEVER USE IN AN EXPLOSIVE ATMOSPHERE.** Normal sparking of the motor could ignite fumes.
11. **INSPECT CORD PERIODICALLY,** and if damaged, have it repaired at your nearest Sears Service Center/Department. Stay constantly aware of cord location.
12. **KEEP DRY, CLEAN AND FREE FROM OIL AND GREASE.** Always use a clean cloth when cleaning. Never use brake fluid, gasoline, petroleum-based products, or any strong solvents to clean your sharpener.
13. **STAY ALERT.** Watch what you are doing and use common sense. Do not operate when you are tired. Do not rush.
14. **DO NOT USE SHARPENER, IF SWITCH DOES NOT TURN IT ON OR OFF.** Have defective switches replaced by an authorized service center.
15. **DRUGS, ALCOHOL, MEDICATION.** Do not operate sharpener while under the influence of drugs, alcohol, or any medication.
16. **DO NOT USE IF WHEEL IS DAMAGED**

## SAVE THESE INSTRUCTIONS

### WARNING:



FORESIGHT IS BETTER  
THAN NO SIGHT

The operation of any Sharpener can result in foreign objects being thrown into eyes, causing severe eye damage. Before starting sharpener operation, always wear safety goggles or safety glasses with side shields. Use a full face shield when needed. We recommend standard safety glasses with side shields, or a Wide Vision Safety Mask for use over spectacles. Both safety glasses and masks are available at Sears Retail Stores.

DO NOT ATTEMPT TO OPERATE THIS SHARPENER UNTIL YOU HAVE READ THOROUGHLY AND UNDERSTAND COMPLETELY ALL INSTRUCTIONS, SAFETY RULES, ETC. CONTAINED IN THIS MANUAL. FAILURE TO COMPLY CAN RESULT IN ACCIDENTS INVOLVING FIRE, ELECTRIC SHOCK OR SERIOUS PERSONAL INJURY. SAVE OWNER'S MANUAL AND REVIEW FREQUENTLY FOR CONTINUING SAFE OPERATION, AND INSTRUCTING OTHERS WHO MAY USE THIS SHARPENER.

# GROUNDING INSTRUCTIONS

In the event of a malfunction or breakdown, grounding reduces the risk of electric shock by providing a path of least resistance for the electric current. This tool is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug **MUST** be plugged into a matching outlet that is properly installed and grounded in accordance with **ALL** local codes and ordinances.

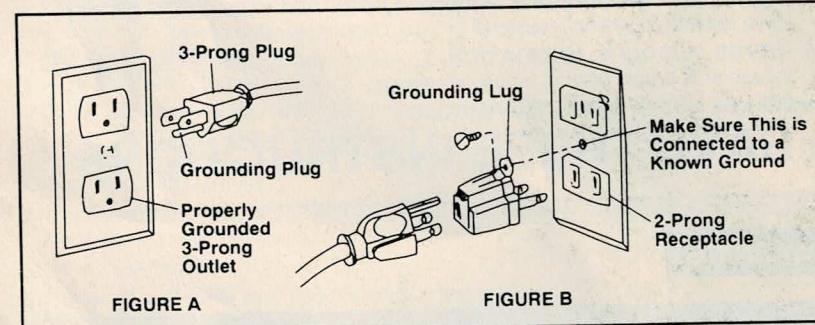
**DO NOT MODIFY THE 3-PRONG PLUG.** If it will not fit the outlet, have the proper outlet installed by a qualified electrician. Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with green outer-surface insulation is the equipment-grounding conductor.

**NOTE:** If repair or replacement of the electric cord or plug is ever necessary, **DO NOT** connect the equipment-grounding conductor to a live terminal.

If the grounding instructions seem unclear, or if you have any doubts that the tool is properly grounded, check with a qualified electrician or service person.

**USE ONLY 3-WIRE EXTENSION CORDS THAT HAVE 3-PRONG GROUNDING PLUGS AND 3-POLE RECEPTACLES THAT ACCEPT THE SHARPENER'S PLUG.**

**REPAIR OR REPLACE A DAMAGED OR WORN CORD IMMEDIATELY.**



**FIGURE (A)** shows a 3-wire electrical plug and outlet that has a grounding conductor. If a properly grounded outlet is not available, an adapter (**FIGURE B**) can be used to temporarily connect this plug to a 2-contact ungrounded outlet.

The adapter (**FIGURE B**) has a green rigid grounding lug extending from it. The lug **MUST** be connected to a permanent earth ground, such as a properly grounded outlet box.

**THE ADAPTER SHOULD ONLY BE USED UNTIL A PROPERLY GROUNDED OUTLET CAN BE INSTALLED BY A QUALIFIED ELECTRICIAN.**

## INTRODUCTION

Your Sears CRAFTSMAN Home Sharpener provides a quick and easy way to keep your kitchen cutlery, knives, scissors, and most anything else that has an edge or a point properly maintained and – SHARP!

Dull knives, scissors and cutlery are hard to use, inefficient, potentially dangerous and short-lived. These items should be sharpened regularly to maintain the optimum cutting edge (bevel) that the manufacturer intended for the most efficient use.

Regular sharpening dresses and maintains the edge. Remember that dull blades tend to lose their edge through overwork and the abuse that results. Once the original edge is gone, the blade can no longer produce the quality results for which it was intended.

It is very simple to put a good, sharp edge on your blades. All that is required is practice. The more you work with the home sharpener, the easier it will become to get a good, sharp edge on your blades.

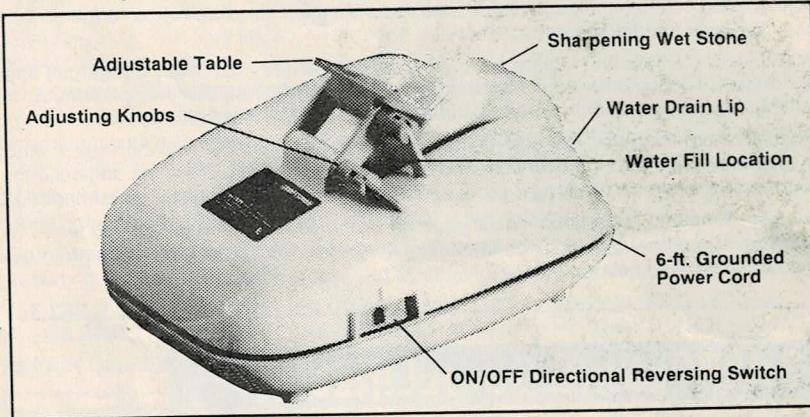
## SHARPENING GUIDELINES

As you develop your sharpening skills, keep these basic guidelines in mind.

- ✓ **MOST BLADES CAN BE SHARPENED WITHIN A CERTAIN RANGE.** Knives and cutlery require a 10-40° bevel depending on their intended use. ALWAYS use the manufacturer's original bevel as your guide.
- ✓ **SHARPEN IN MANY SMALL PASSES.** This is more efficient than trying a few powerful strokes, and you'll be better able to gauge your progress.
- ✓ **SHARPEN KNIVES AND CUTLERY BEFORE USING,** rather than halfway through a project when you'll be tempted to be in a hurry and not do a thorough job.
- ✓ **THE SHARPER THE EDGE, THE CRISPER THE CUT; HOWEVER, THE SHARPER THE EDGE, THE FASTER IT WILL DULL.** The edge on any blade is always a compromise between durability and sharpness.
- ✓ **BEWARE OF BLADES THAT ARE BEYOND SHARPENING.** Sharpening time is also a good time to closely inspect your blades. Any blade that has a bent or cracked edge should be discarded.
- ✓ **THINK SAFETY.** Always use common sense when sharpening any blade. Never put your free hand in the path of the blade. Hold item being sharpened firmly. Always work in a well-lit area.

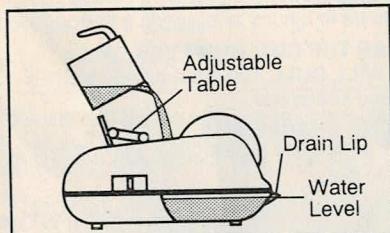
# KNOW YOUR HOME SHARPENER

Your Sears CRAFTSMAN Home Sharpener is completely assembled for immediate use. Knowing the names of the specific parts will help you in using the sharpener.



## WATER RESERVOIR

Your Home Sharpener's Water Reservoir uses regular tap water. If your tap water is extremely hard, we recommend using distilled water.



### To Fill Water Reservoir:

1. Move the adjustable table to reveal the water reservoir.
  2. Use a measuring cup, pour approximately 3 ounces of water slowly and carefully into the reservoir.
  3. Turn the sharpener on for approximately 30 seconds, allowing the sharpening wheel to absorb water from reservoir.
4. Turn unit off and pour additional water into the reservoir, bringing water level to just below the drain lip. Move the adjustable table back into position if necessary.

The fine-grained sharpening stone absorbs water during operation. This helps prevent heat build-up which can dull edges in hardened steel.

Extended use will also cause water depletion. Check water level periodically and refill to proper level as described above. Do not overfill, excess water will overflow from the drain lip.

After use, unplug the sharpener and drain the reservoir by pouring water out through the drain lip located in rear of unit.

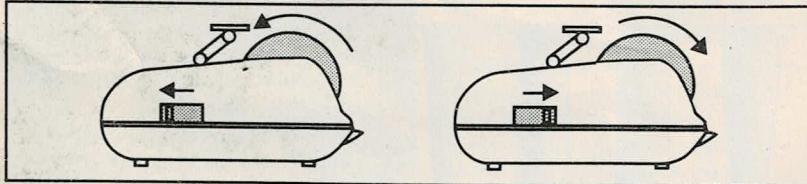
# OPERATION

The home sharpener's stone rotates in either a clockwise or counterclockwise direction so you can choose the direction that is most convenient and comfortable for you.

Your home sharpener has a 3-position slide switch on the side housing. The center is the OFF position with arrows on each side indicating the direction the wheel will rotate.

The adjustable table provides additional support. To adjust pull out tab on lower adjusting knob and turn counterclockwise to loosen. Raise table to upright position. Now pull out tab on upper adjusting knob and turn counterclockwise to loosen. Place table at desired angle, then tighten knob. Lower table to position towards wheel and tighten knob when desired position is reached.

Always place your home sharpener on a flat, stable surface. Also always use the home sharpener on a water-repellent surface in the event of accidental spillage.



## SHARPENING INFORMATION

Some blade materials are easier to sharpen and maintain than others. For instance, carbon steel blades are the easiest to sharpen and they hold their edges well, but they are hard to care for and they stain quickly. On the other hand, stainless steel blades are more difficult to sharpen, but are extremely easy to care for because they resist rust and stains.

### Bevel Ranges

All edged items, such as, cutlery, knives, scissors, etc. are factory sharpened and have a specific bevel. When using the Home Sharpener, the blade should be positioned on the sharpening wheel at the same degree of angle as the original, factory-made bevel.

ITEM	COMMON ANGLE
Knives	20°
Kitchen Cutlery	5° to 15°
Pocket Knives	10° to 30°
Cleavers	15° to 40°
Scissors	10° to 15°

Practice holding and positioning the blade at the desired bevel (angle) with the sharpener in the OFF position

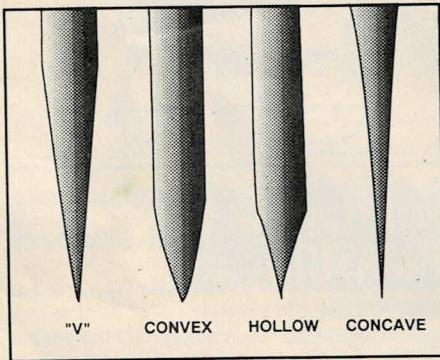
# SHARPENING INFORMATION CONT.

## Deburring

Occasionally, an imperfection will form along the edge of a blade. These imperfections are called burrs. A burr can be removed by turning the sharpener OFF and drawing the blade edge lengthwise along the sharpening stone. Carefully inspect edges, they should be burr-free and sharp.

## Cutlery and Knives

Manufacturers put a bevel on a knife according to its use. In general, knives that will see rough service (butcher's knives, cleavers) have thicker blades. Knives intended for slicing or filleting have thinner blades.



**"V" Ground Blade**—commonly used on butcher's knives. Relatively easy to sharpen, but offers only moderate resistance to abuse.

**Convex Ground Blade**—used on cleavers and rough service knives. Features a lot of metal edge support for superior durability.

**Hollow Ground Blade**—used on slicing knives. Easily slips through material, but is very delicate and should be handled with care.

**Concave Ground Blade**—also ideal for slicing, but is extremely delicate.



## How To Sharpen Knives:

Hold the knife at the original blade angle while supporting the blade at the handle and tip.

Make several passes across the rotating wet stone, drawing the blade from heel to tip, while maintaining the correct angle during the length of the stroke.

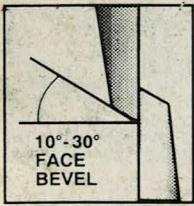
Alternate the passes on each side of blade.

Check for sharpness by holding a piece of paper in one hand and making a slice with your knife. The paper should slice without tearing.

**Always follow the original bevel provided by the manufacturer.**

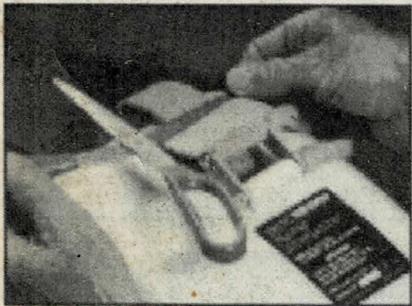
Occasional light sharpening before each use will keep a knife sharp and ready for use.

# SHARPENING INFORMATION CONT.



## Scissors

Scissors, like knives are designed for specialized tasks and materials. Regular household scissors are generally ground at a relatively blunt 10° to 15° bevel so they can cut through a variety of materials. Fabric shears on the other hand are sharpened to a 20° to 30° bevel.



Set the sharpener in the OFF position and tilt the bevel edge of the scissors back and forth on the stone until you get a feel for the original angle.

Maintain this angle as you draw scissors across the rotating sharpening wheel.

**NEVER** put a bevel on the inside face of scissors, if you do you may ruin them and they may not cut again.

Check for sharpness by cutting a dampened tissue. If it cuts cleanly scissors are sharp.

Always follow the original bevel provided by the manufacturer.

## Other Household Items

There are many other items around the home that have edges that need periodic sharpening such as wood and hobby chisels, awls, flat-head screwdriver tips and scrapers. The Home Sharpener is ideal for maintaining the proper bevel on a wide variety household items.

Remember it is important to maintain the original manufacturer's bevel so your equipment will perform with maximum efficiency.

Set the sharpener in the OFF position and place the bevel edge of the item on the sharpening wheel and roll it back and forth to determine the existing bevel angle. Place the entire bevel so it is touching the wheel and hold the item firmly when the wheel is rotating.

Check progress during sharpening by occasionally picking the item up, wiping it clean and checking the bevel face. If it's uniformly shiny, it is sharpening. If it's still dull looking raise or lower the working angle.

# USER MAINTENANCE

**WARNING: TO REDUCE THE RISK OF INJURY, ALWAYS UNPLUG YOUR HOME SHARPENER BEFORE PERFORMING ANY MAINTENANCE ON IT. NEVER DISASSEMBLE THE HOME SHARPENER OR TRY TO DO ANY REWIRING ON THE ELECTRICAL SYSTEM. CONTACT A SEARS SERVICE FACILITY FOR ALL REPAIRS.**

## Maintaining Your Sharpener

Keep your sharpener operating efficiently with a regular maintenance program. Examine the general condition of your sharpener before each use. Inspect guards, switches, sharpener cord and extension cord for damage. Check for loose screws, misalignment, binding of moving parts, improper mounting, broken parts and any other condition that may affect its safe operation. Your sharpener requires no lubrication. If abnormal noise or vibration occurs, turn the sharpener off immediately and have the problem corrected before further use. Do not use a damaged home sharpener. Tag "DO NOT USE" until repaired.

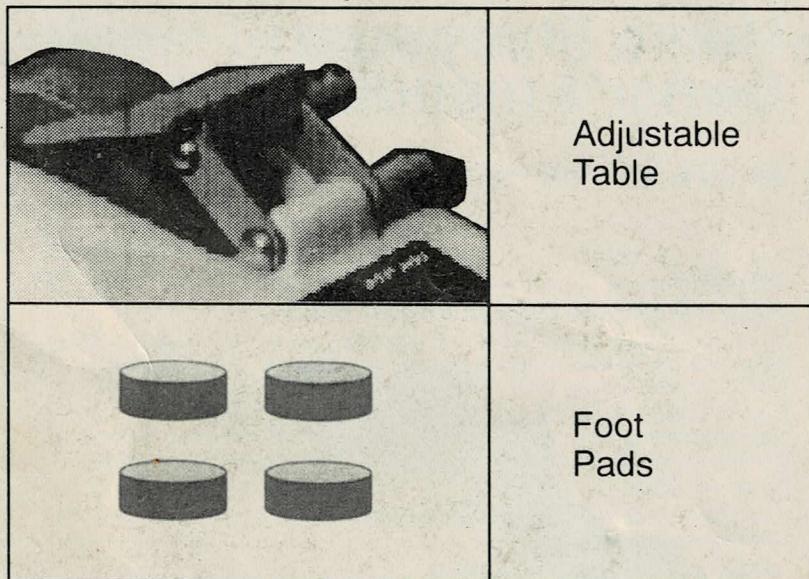
# CLEANING

**WARNING: TO REDUCE THE RISK OF INJURY, ELECTRIC SHOCK AND DAMAGE TO THE HOME SHARPENER, NEVER IMMERSE IT IN LIQUID OR ALLOW A LIQUID TO FLOW INSIDE THE MOTOR HOUSING OF THE HOME SHARPENER.**

Clean dust and debris from sharpener vents. Keep sharpener clean, dry and free of oil or grease. Use only mild soap and a damp cloth to clean your sharpener housing, certain cleaning agents and solvents are harmful to plastics and other insulated parts (some of these include: gasoline, turpentine, lacquer thinner, paint thinner, chlorinated cleaning solvents, ammonia and household detergents containing ammonia). Never use flammable or combustible solvents around any electrical equipment.

# REPLACEMENT PARTS

MODEL NO. 319.190710 WET WHEEL HOME SHARPENER



## REPLACEMENT PARTS

Part No.	Description	Quantity
19071150	Adjustable Table	1
19071151	Foot Pads	4
19071152	Owner's Manual	1

Household-Type Sharpener  
Operates on 120-v., 60-Hz AC only

**SEARS/CRAFTSMAN®**

# **Home Sharpener owner's manual**

MODEL NO. 319.190710

## **SERVICE**

### **HOW TO ORDER REPLACEMENT PARTS**

Now that you have purchased your Sharpener, you can have it serviced at any Sears Service Center should the need for service arise. There is a Service Center located at most Sears, Roebuck and Co. stores. Stores that do not have Service Centers at the store location will be able to give you the nearest Service Center phone number and location. Whenever you call or visit a Sears Service Center, be sure to provide all the facts that apply to your product and its service need.

The model number of your Home Sharpener is printed on the label found on the sharpener's top.

WHEN ORDERING REPAIR PARTS,  
ALWAYS GIVE THE FOLLOWING INFORMATION:

- PART NUMBER
- MODEL NUMBER 319.190710
- PART DESCRIPTION
- NAME OF ITEM HOME SHARPENER

All parts listed may be ordered from any Sears Service Center and most Sears stores.

If the parts you need are not stocked locally, your order will be electronically transmitted to a Sears Repair Parts Distribution Center for handling.

SEARS, ROEBUCK AND CO., Chicago, IL 60684

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