

**Case Eagle Hitch
and
Hydraulic System
for
Models VAC, VA,
and VAH
Tractors**

Operator's Manual

RI-162

Reprinted








THIS SAFETY ALERT SYMBOL INDICATES IMPORTANT SAFETY MESSAGES IN THIS MANUAL. WHEN YOU SEE THIS SYMBOL, CAREFULLY READ THE MESSAGE THAT FOLLOWS AND BE ALERT TO THE POSSIBILITY OF PERSONAL INJURY OR DEATH.

M171B

If Safety Decals on this machine use the words **Danger, Warning or Caution**, which are defined as follows:

- **DANGER:** Indicates an immediate hazardous situation which if not avoided, will result in death or serious injury. The color associated with Danger is RED.
- **WARNING:** Indicates an potentially hazardous situation which if not avoided, will result in serious injury. The color associated with Warning is ORANGE.
- **CAUTION:** Indicates an potentially hazardous situation which if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices. The color associated with Caution is YELLOW.

If Safety Decals on this machine are ISO two panel Pictorial, decals are defined as follows:

- The first panel indicates the nature of the hazard.
- The second panel indicates the appropriate avoidance of the hazard.
- Background color is YELLOW.
- Prohibition symbols such as   and  if used, are RED.



WARNING

IMPROPER OPERATION OF THIS MACHINE CAN CAUSE INJURY OR DEATH. BEFORE USING THIS MACHINE, MAKE CERTAIN THAT EVERY OPERATOR:

- Is instructed in safe and proper use of the machine.
- Reads and understands the Manual(s) pertaining to the machine.
- Reads and understands ALL Safety Decals on the machine.
- Clears the area of other persons.
- Learns and practices safe use of machine controls in a safe, clear area before operating this machine on a job site.

It is your responsibility to observe pertinent laws and regulations and follow Case Corporation instructions on machine operation and maintenance.

OPERATOR'S

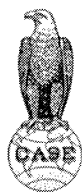
INSTRUCTION MANUAL

For the Care and Operation of . . .

CASE EAGLE HITCH AND HYDRAULIC SYSTEM

for

**MODELS VAC, VA, AND VAH
TRACTORS**

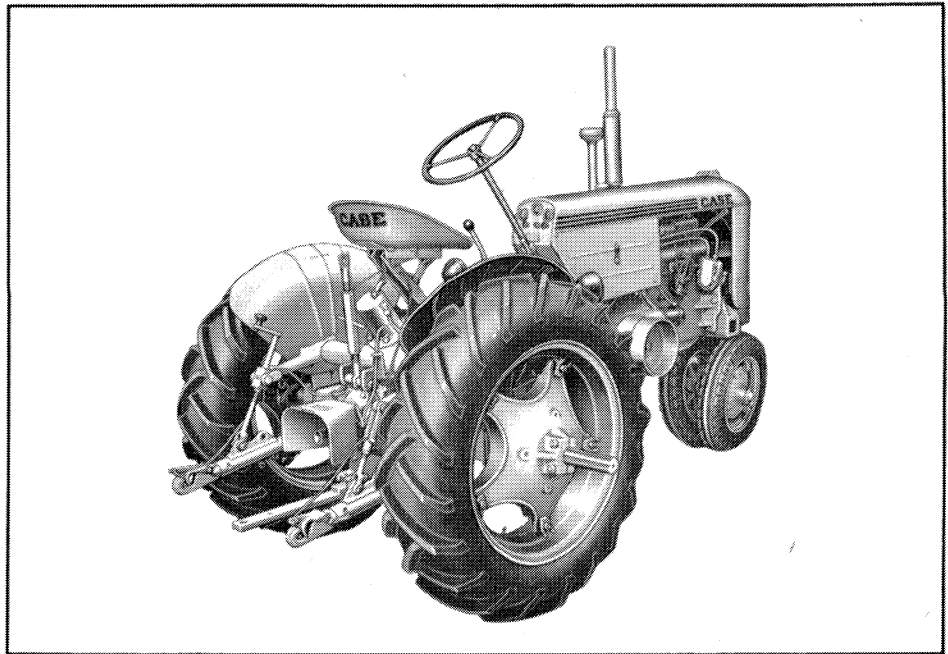


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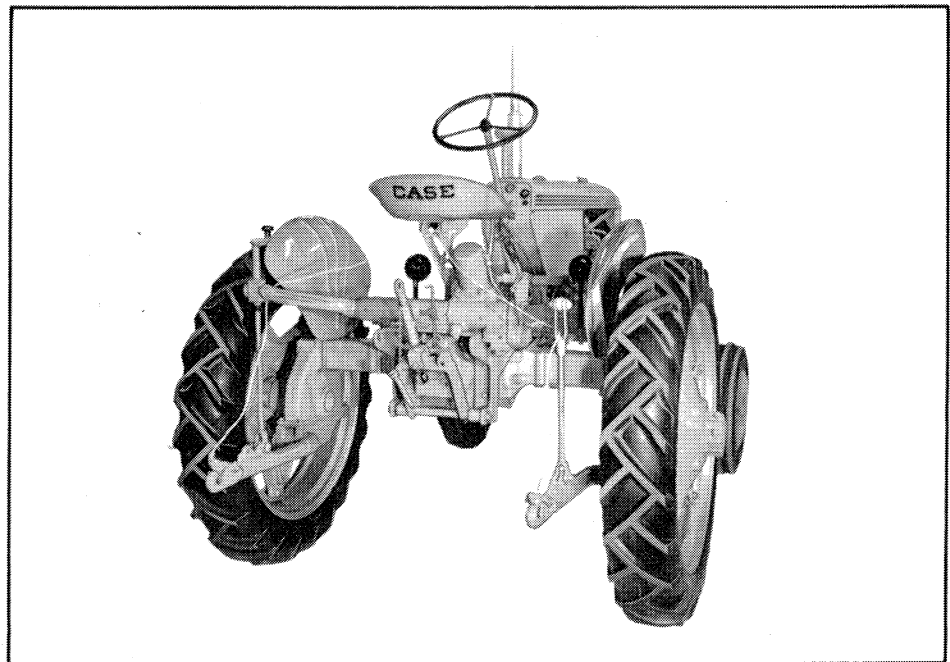
J. I. CASE COMPANY • RACINE, WIS., U. S. A.

RI-162 (10M-9-49)

FIRST EDITION



MODEL "VAC" TRACTOR WITH CASE EAGLE HITCH



MODEL "VAH" TRACTOR WITH CASE EAGLE HITCH

TO PURCHASERS OF NEW CASE MACHINES



Congratulations on your purchase of a CASE machine. Welcome to the ever-increasing number of satisfied CASE owners.

The dependability and economical performance of your new CASE machine will prove that you were wise in making this choice. The organization back of your machine has been building quality farm equipment for more than a century. Your CASE machine was built in one of the largest and best equipped plants in the world. In this factory quality materials, the finest precision machinery, high grade workmanship, thorough inspection, and complete testing equipment are combined to give you the best in performance and economical operation.

The care which you give your machine will have a great deal to do with the service and satisfaction you get from it. By observing the precautions and suggestions in this manual, your CASE machine will serve you well for many years. Make this manual your guide. Should you need information not covered here, or should your machine require special servicing, contact your Case dealer. He has trained men who are kept informed on the best methods of servicing CASE machines in the field or in his shop.

When it becomes necessary, after long use, to replace certain parts on your machine, be sure to use only genuine CASE parts which insure proper fit and continued good service. These may be obtained from your CASE dealer. It is always helpful to provide him with the MODEL of your machine in addition to a description (and part number if available) of the parts required.

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INTRODUCTION

This manual is intended to provide general instructions covering the operation of the hydraulic system and Case Eagle Hitch for Models "VAC," "VA," and "VAH" tractors. The operator's manual for Model "VA" series tractors, Form RI-53, should be used in conjunction with this manual to obtain operating instructions for those parts of the tractor which have not been affected through adoption of the new units.

HYDRAULIC PUMP

The hydraulic pump is of the spur gear type and is mounted at the front of the right-hand side of the engine assembly on a flange normally provided for magneto mounting. It is driven from the camshaft; thereby eliminating the necessity of engaging the clutch to operate the pump. Oil is

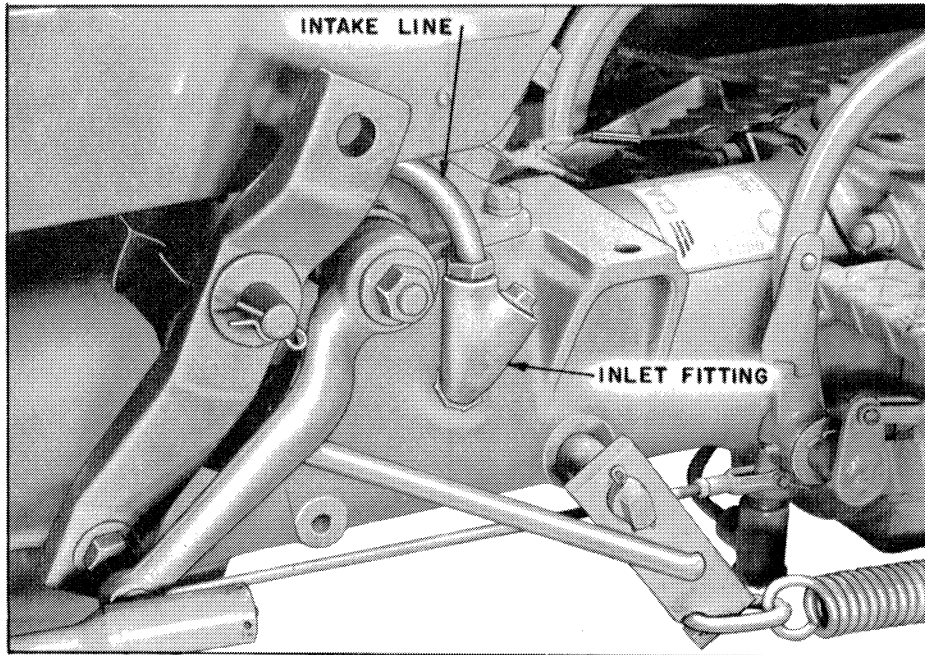


FIGURE 1. INTAKE LINE AND FITTING ON MODEL "VAH" TRACTOR
(SERIAL NO. 5370000 THROUGH NO. 5370499)

drawn to the pump through the intake line from the torque tube, which serves as a reservoir for the oil, and is delivered to the control valve through the high pressure line at a rate of approximately 7 gallons per minute when the pump is operating at normal 1425 engine RPM. The self-priming feature of the pump eliminates all possibilities of air locks in the hydraulic system.

Lubrication

The pump is self-lubricated. IT MUST NEVER BE RUN WITHOUT OIL OR WITH THE INTAKE LINE REMOVED as serious damage to the pump will result from running without oil. Therefore, if it becomes necessary to remove the intake line, the pump must also be removed.



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