

# 140 Tractor Operators Manual

1014464R7

Reprinted

**CASE III**



***This symbol means ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED. The message that follows the symbol contains important information about your safety. Carefully read the message. Make sure you fully understand the causes of possible injury or death.***

SB001

IF THIS MACHINE IS USED BY AN EMPLOYEE, IS LOANED, OR IS RENTED, MAKE SURE THAT THE OPERATOR UNDERSTANDS THE TWO INSTRUCTIONS BELOW.

BEFORE THE OPERATOR STARTS THE ENGINE:

1. GIVE INSTRUCTIONS TO THE OPERATOR ON SAFE AND CORRECT USE OF THE MACHINE.
2. MAKE SURE THE OPERATOR READS AND UNDERSTANDS THE OPERATOR'S MANUAL FOR THIS MACHINE.



**IMPROPER OPERATION OF THIS MACHINE CAN CAUSE INJURY OR DEATH.**

BEFORE STARTING THE ENGINE, DO THE FOLLOWING:

1. READ THE OPERATOR'S MANUAL.
2. READ ALL SAFETY DECALS ON THE MACHINE.
3. CLEAR THE AREA OF OTHER PERSONS.

LEARN AND PRACTICE SAFE USE OF MACHINE CONTROLS IN A SAFE, CLEAR AREA BEFORE YOU OPERATE THIS MACHINE ON A JOB SITE.

It is your responsibility to observe pertinent laws and regulations and to follow manufacturer's instructions on machine operation and maintenance.

See your Authorized Case dealer for additional operator's manuals, parts catalogs, and service manuals.

## *To The Owner*

Before you operate the tractor study this manual carefully. It has been prepared to help you operate and maintain your tractor with utmost efficiency.



This symbol is used to call your attention to instructions concerning your personal safety. Be sure to observe and follow these instructions

Assembled in this manual are operation, lubrication, and maintenance instructions for the International 140 Tractors. This material has been prepared in detail in the hope that it will help you to better understand the correct care and efficient operation of your tractor.

For prompt, efficient service, always specify the tractor model and serial numbers, including prefix and suffix letters.

Your new International Harvester tractor is designed to meet today's exacting operating requirements. The ease and comfort of operation, the ability to match ground speeds to engine power and work requirement, and the effortless versatility of the hydraulic system are intended to lighten your work and shorten your hours on the job.

Your local International Harvester dealer is interested in the performance you receive from these tractors. He has factory-trained servicemen, informed in the latest method of servicing tractors, modern tools, and original-equipment IH service parts which assure proper fit and good performance.

To obtain top performance and assure economical operation the tractor should be inspected, depending on its use, periodically, or at least once a year by your International Harvester Dealer.

Optional equipment and accessories is available. Disregard the instructions for equipment not on your tractor.

*A Careful Operator*  
**IS THE BEST INSURANCE  
AGAINST AN ACCIDENT**

**IMPORTANT FUEL SYSTEM SAFETY WARNING  
AND  
ANNOUNCEMENT OF FREE, REPLACEMENT GASOLINE CAP**



**CAUTION!** The following information pertains to personal safety. Be sure to read and follow these instructions.

**PROBLEM — Gasoline vapors can build up pressure in your gasoline tank.**

All gasoline fuels are more volatile today than ever before. They vaporize and build up pressure in your gasoline tank more easily than in the past. Winter grade gasoline is especially subject to vaporization and pressure build-up when used on hot Spring or Fall days. If you have a tractor which is out of tune or not properly maintained, it can run hotter and increase vaporization.

**DANGER — Fire and personal injury.**

If the fuel cap is removed when the gasoline tank is hot and vapor pressure has, under certain circumstances, built up in the tank, this sudden release of pressure could force gasoline out of the tank. If the gas cap is not fully secured and tightened, it could come off the tank, and again, gasoline could escape. This sudden eruption of gasoline exposes the operator to, and may cover him with, liquid fuel and vapors and is a clear fire hazard if a source of ignition is present. A running engine is a source of ignition, as are cigarettes, open flames, sparks or a poorly maintained exhaust system. **An immediate fire could occur.** The operator or anyone in the area could be burned and suffer serious injury or even death.

**PRECAUTIONS — Observe the following steps for safe operation:**

- Always tighten gas caps securely.
- Never, under any circumstances, take the gas cap off a hot or running tractor.
- Never hold over Winter gasoline for use in the Spring. Remove any equipment unnecessary for warm weather operations, such as comfort covers, heat housers, or radiator covers.
- Maintain equipment properly and pay particular attention to electrical, exhaust, fuel, and cooling systems. Repair or replace frayed electrical wires; leaky exhaust manifolds, gaskets, pipes and mufflers; damaged carburetors, sediment bowls and fuel lines. Be sure radiators are clean inside and out. Clean off any accumulation of trash, oil or grease.
- Make sure that fuel cap vent holes are not plugged, gaskets are in good condition, and that cap tangs are firmly riveted. Repair worn, bent, or deformed filler necks and damaged heat shields or shield insulation. If your tractor is not equipped with a heat shield or insulation, install such equipment on applicable models.
- Be alert to any unusual sights and sounds during operation. If you suspect overheating or pressure build-up in the fuel system, do not touch the cap. Turn off the engine and allow the tractor to cool before you touch the cap.

**FREE GASOLINE CAP — See your dealer today.**

International Harvester has developed a new gasoline cap designed to improve vapor venting and to inhibit the sudden eruption of liquid fuel if the safety precautions against cap removal are not observed.

New caps will be exchanged **free of charge** with owners of certain models of International Harvester farm tractors. To see whether your tractor already has the new cap or to arrange to obtain one, simply contact your local International Harvester dealer. Also ask him for a free International Harvester brochure "New Facts About Fuels" and for free "Warning" decals for all gasoline equipment.

<b>Gasoline Tractor Models Included in Cap Exchange Program (See Note)</b>			
A	100	*504	2404
AV	130	F-544 Only	2424
B	140	560	2444
BN	200	600	2504
C	230	*606	2544
H	240	650	*2606
HV	300	F-656 Only	2706
M	330	660	2756
MV	340	666	2806
O	350	686	2826
OS	400	706	2856
W	404	756	
WR	424	766	
70	444	806	
86	450	826	
	460	856	

**NOTE:** New cap **will not** fit on any of these tractors.

B-275	I-434
B-276	I-544
I -284	I-656
I -354	I-2656
B-414	

\* New cap **will not** fit on these tractors above serial numbers shown.

F-504 above serial No. 13400
I -504 above serial No. 14272
I -606 above serial No. 6879
I -2606 above serial No. 6879

New cap **will not** fit on any lawn and garden tractor in the Cadet model series or on any tractor with the gasoline tank behind the operator's seat.

# WORK SAFELY — FOLLOW THESE RULES



This symbol is used to call your attention to instructions concerning your personal safety. Be sure to observe and follow these instructions.

## A CAREFUL OPERATOR IS THE BEST INSURANCE AGAINST AN ACCIDENT

### SERVICING AND BEFORE STARTING

Carefully supervise inexperienced operators.

When fueling a tractor, keep any type of open flame away. Do not smoke. Stop the engine and wait for it to cool before removing the fuel cap or refueling.

Be sure that the fuel tank cap is fully tightened against the stop before starting the engine.

Check coolant and engine oil levels, and perform any other necessary services, before starting the engine.

Turn the radiator cap slowly counterclockwise to the pressure release point to allow the pressure or any steam to escape; then press down on the cap and continue to turn until the cap is free to be removed.

Check brakes and clutch pedal for correct adjustments.

Reduce tipping hazards by spreading wheels as far as your work program permits.

Be sure muffler and exhaust pipe are in place so exhaust gases are discharged above the operator.

Always keep the operators compartment clean. Keep dirt, trash, and grease from the pedals, steps, mounting handles, steering wheel, and controls.

Always carry a "Charged" fire extinguisher and a first aid kit.

Avoid loose-fitting clothing, which could catch on moving parts.

Mounting assist handles and steps are provided for your safety. Use them getting on or off the tractor.

### STARTING

Know the controls and what they do. Be in the operator's seat and fasten the seat belt.

Set the brake pedal lock and place the transmission gear shift lever in the neutral position before starting the engine.

Be sure the power take-off rod is in the "OFF" or disengaged position before starting the engine. Make sure that the helpers or observers stand clear of the equipment.

Make sure the area is well ventilated.

### DURING OPERATION

Carefully supervise inexperienced operators.

Hydraulic fluid escaping under pressure can have enough force to penetrate the skin. Hydraulic fluid may also infect a minor cut or opening in the skin. If injured by escaping fluid, see a doctor at once. Serious infection or reaction can result if medical treatment is not given immediately. Make sure all connections are tight and that hoses and lines are in good condition before applying pressure to the system. Relieve all pressure before disconnecting the lines

## WORK SAFELY – FOLLOW THESE RULES

or performing other work on the hydraulic system. To find a leak under pressure use a small piece of cardboard or wood. Never use hands.

Power take-off master shield must always be in place on the tractor.

Stop the engine, set the brake pedal lock and place the transmission gear shift lever in the neutral position before dismounting from the tractor for any reason.

Always keep shields in place. Disengage PTO, shut off the engine, and remove the key before adjusting or unclogging power driven machinery.

Only the operator should ride on the tractor. He should sit on the seat with the seat belt fastened.

Keep others, especially children, from riding on steps, fenders, or drawbar, and away from tractor equipment.

Use the drawbar when hitching to a heavy load.

Pull only from drawbar; never hitch to axle housing.

Always keep the tractor in gear when going down hills. A towed vehicle having a gross weight greater than the weight of the towing tractor must be equipped with its own brakes.

Always avoid sudden starts, excessive speed, and sudden stops.

Check overhead clearance carefully before driving under power lines, guy wires, bridges, low hanging tree branches, entering or leaving buildings, etc.

To assure the protection provided by design, the protective structure must not be altered by welding, cutting, drilling, or in any other manner.

## TRANSPORTING

Before moving on public roads, or from field to field, lock the brake pedals together for simultaneous operation.

Reduce speed when traveling on rough roads, sharp turns, and down steep hills.

Avoid heavily-traveled roads when moving equipment, if at all possible.

Use warning devices (i. e. flags, S. M. V. emblem, lights, etc.) which are approved for use by your local government agencies, when moving equipment on public roads. Keep these devices clean and in good working condition.

When transporting equipment on the highway, it is recommended that a safety chain with a rating greater than the gross load of the towed equipment, be used.

Be sure hitches and/or drawbars are properly stabilized before towing equipment.

Be courteous, have consideration for other traffic using the road.

## BEFORE DISMOUNTING

Wait for the tractor to come to a complete stop, shut off the engine, set the brake pedal lock, and place the transmission gear shift lever in the neutral position.

Lower equipment to ground before leaving the tractor.

Always remove the key when leaving the tractor to avoid unauthorized operation.

## WORK SAFELY – FOLLOW THESE RULES

### AFTER AN UPSET

No attempt should be made to straighten, weld, or otherwise repair the protective frame for further service. It must be replaced in its entirety.

NOTE: Do not operate the tractor or run the engine until a thorough inspection has been made to determine that all components, controls, etc. are operating correctly. The tractor must be inspected for other damage, preferably, by your International Harvester dealer, and all necessary corrections made.

## CONTENTS

Description	Page No.
CONTENTS . . . . .	1
INTRODUCTION . . . . .	2, 3
INSTRUMENTS AND CONTROLS . . . . .	4 to 7
BEFORE OPERATING THE TRACTOR . . . . .	7, 8, 9
PREPARING FOR EACH DAY'S WORK . . . . .	9, 10
GASOLINE ENGINE . . . . .	10 to 12
GASOLINE FUEL SYSTEM . . . . .	13, 14
DISTILLATE ENGINE . . . . .	15 to 17
DRIVING THE TRACTOR . . . . .	17 to 19
TOUCH CONTROL SYSTEM . . . . .	20, 21
FAST-HITCH . . . . .	21 to 25
HITCHING TRAILING EQUIPMENT TO THE TRACTOR . . . . .	25, 26
BELT PULLEY OR POWER TAKE-OFF . . . . .	27, 28
COOLING SYSTEM . . . . .	28 to 31
AIR CLEANING SYSTEM . . . . .	31, 32
ELECTRICAL SYSTEM . . . . .	33 to 45
MINOR ENGINE SERVICE OPERATIONS . . . . .	45 to 47
FRONT WHEELS . . . . .	47 to 49
REAR WHEELS . . . . .	50 to 52
WEIGHTS . . . . .	52 to 55
PNEUMATIC TIRES . . . . .	55 to 57
BRAKES . . . . .	57
CLUTCH . . . . .	58
STORING THE TRACTOR . . . . .	59, 60
COLD WEATHER PRECAUTIONS . . . . .	60, 61
TROUBLE SHOOTING . . . . .	62 to 66
LUBRICATION . . . . .	67 to 70
LUBRICATION TABLE . . . . .	71
LUBRICATION GUIDE . . . . .	72 to 77
PREVENTIVE MAINTENANCE GUIDE . . . . .	77 to 79
SPECIFICATIONS . . . . .	79 to 81
OPTIONAL EQUIPMENT . . . . .	81
INDEX . . . . .	82, 83



# INTRODUCTION



MA-10001

**Illust. 2**  
**Farmall 140 Tractor.**  
**(Equipped with Roll Over Protective Structure)**

**Buy Now**



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