



CLICK ANYWHERE FOR MORE DETAILS

MANUAL PREVIEW

International Harvester

Operator's Manual

460 Diesel

Utility

purchase full manual at

JENSALES.COM

or Call 800-443-0625



CLICK ANYWHERE FOR MORE DETAILS

THIS IS A MANUAL PRODUCED BY JENSALES INC. WITHOUT THE AUTHORIZATION OF
INTERNATIONAL HARVESTER OR IT'S SUCCESSORS. INTERNATIONAL HARVESTER AND IT'S SUCCESSORS
ARE NOT RESPONSIBLE FOR THE QUALITY OR ACCURACY OF THIS MANUAL.

TRADE MARKS AND TRADE NAMES CONTAINED AND USED HEREIN ARE THOSE OF OTHERS,
AND ARE USED HERE IN A DESCRIPTIVE SENSE TO REFER TO THE PRODUCTS OF OTHERS.

Operator's Manual

IH-O-460D UTIL

CONTENTS

Description	Page No.
INTRODUCTION	3
DESCRIPTION	4
INSTRUMENTS AND CONTROLS	5 to 8
BEFORE STARTING YOUR NEW TRACTOR	9
PREPARING YOUR TRACTOR FOR EACH DAY'S WORK ..	10
DIESEL FUEL OIL SPECIFICATIONS	11
OPERATING THE GASOLINE ENGINE	12, 13
OPERATING THE DIESEL ENGINE	14 to 16
DRIVING THE TRACTOR	17 to 19
OPERATING THE TORQUE AMPLIFIER	20
OPERATING THE HYDRA-TOUCH SYSTEM	21 to 24
HITCHING THE IMPLEMENT TO THE TRACTOR	25
OPERATING THE POWER TAKE-OFF	26, 27
OPERATING THE BELT PULLEY	28, 29
WHEELS	29 to 38
WEIGHTS	39 to 41
PNEUMATIC TIRES	42 to 44
STARTING AND LIGHTING EQUIPMENT	45 to 50
COOLING SYSTEM	50 to 52
COLD WEATHER PRECAUTIONS	52, 53
GENERAL ENGINE LUBRICATION	54
LUBRICATING OIL AND GREASE SPECIFICATIONS	55
LUBRICATION TABLE	56
LUBRICATION GUIDE	57 to 60
SPECIFICATIONS	61 to 68
EXTRA EQUIPMENT AND ACCESSORIES	68
INDEX	69 to 71

A Careful Operator

IS THE BEST INSURANCE

AGAINST AN ACCIDENT

DESCRIPTION

CLICK ANYWHERE FOR MORE DETAILS



A-55716 A

Illust. 4
Right front view of the International 460 Utility Tractor.



A-53350 A

Illust 4A
Right front view of the International 460 Diesel Utility Tractor.

CLICK ANYWHERE FOR MORE DETAILS

INSTRUMENTS AND CONTROLS

BRAKE PEDALS

These pedals are used to stop the tractor, to hold the tractor in a stationary position, or to assist in making sharp turns as outlined below:

To stop the tractor, depress both pedals at the same time. Before driving the tractor in high gear, always latch the pedals together.

To hold the tractor in a stationary position, latch the pedals together, depress and lock them in this depressed position by using the brake pedal lock.

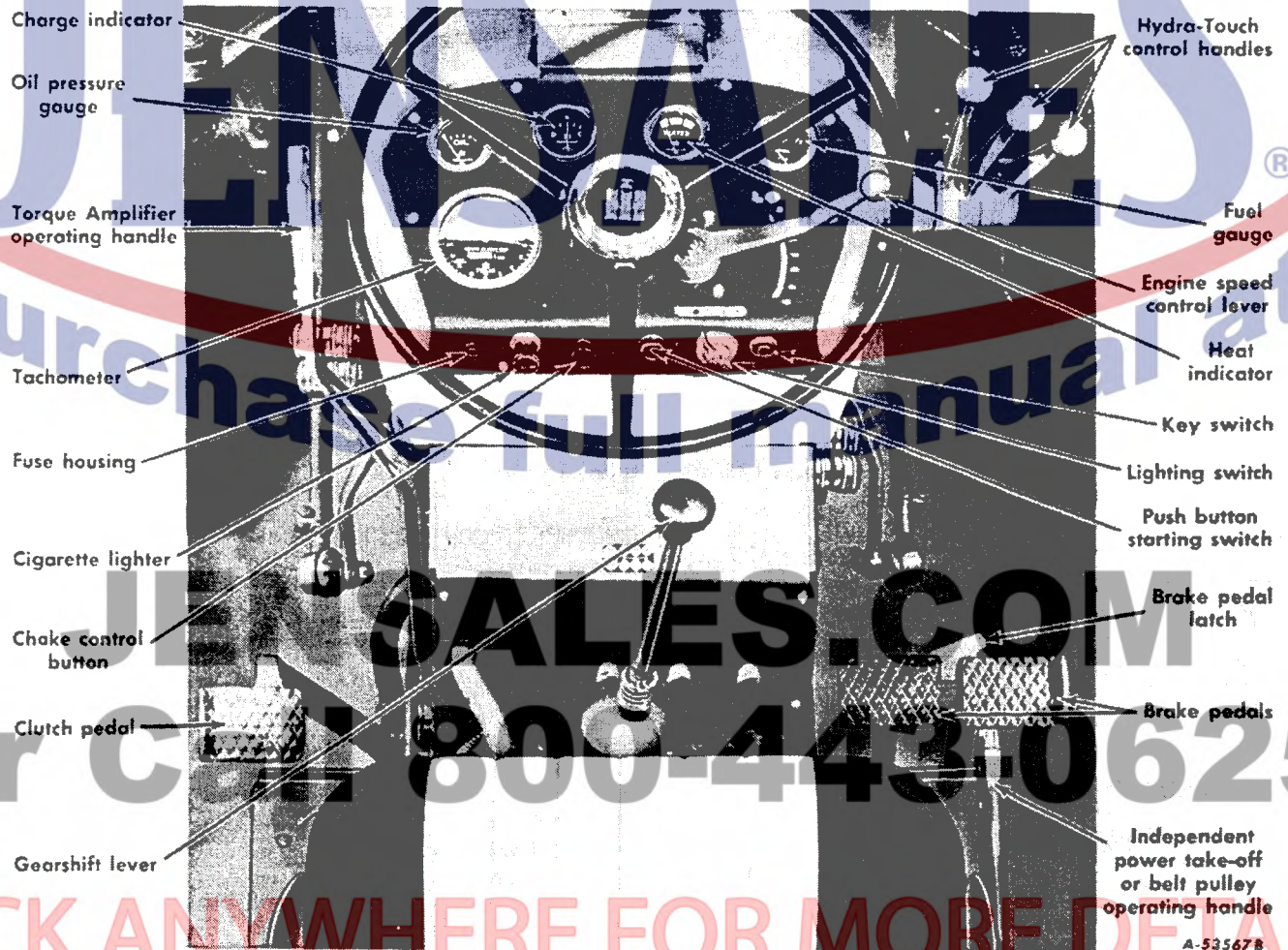
To assist in making a sharp turn, operate the pedals individually, depressing the pedal on the side toward which the turn is to be made.

The brake pedal latch (Illusts. 5, 6 and 19) is used to latch both brake pedals together, causing the brakes to operate simultaneously.

Caution! Always latch the brake pedals together when driving the tractor in high gear (fifth speed).

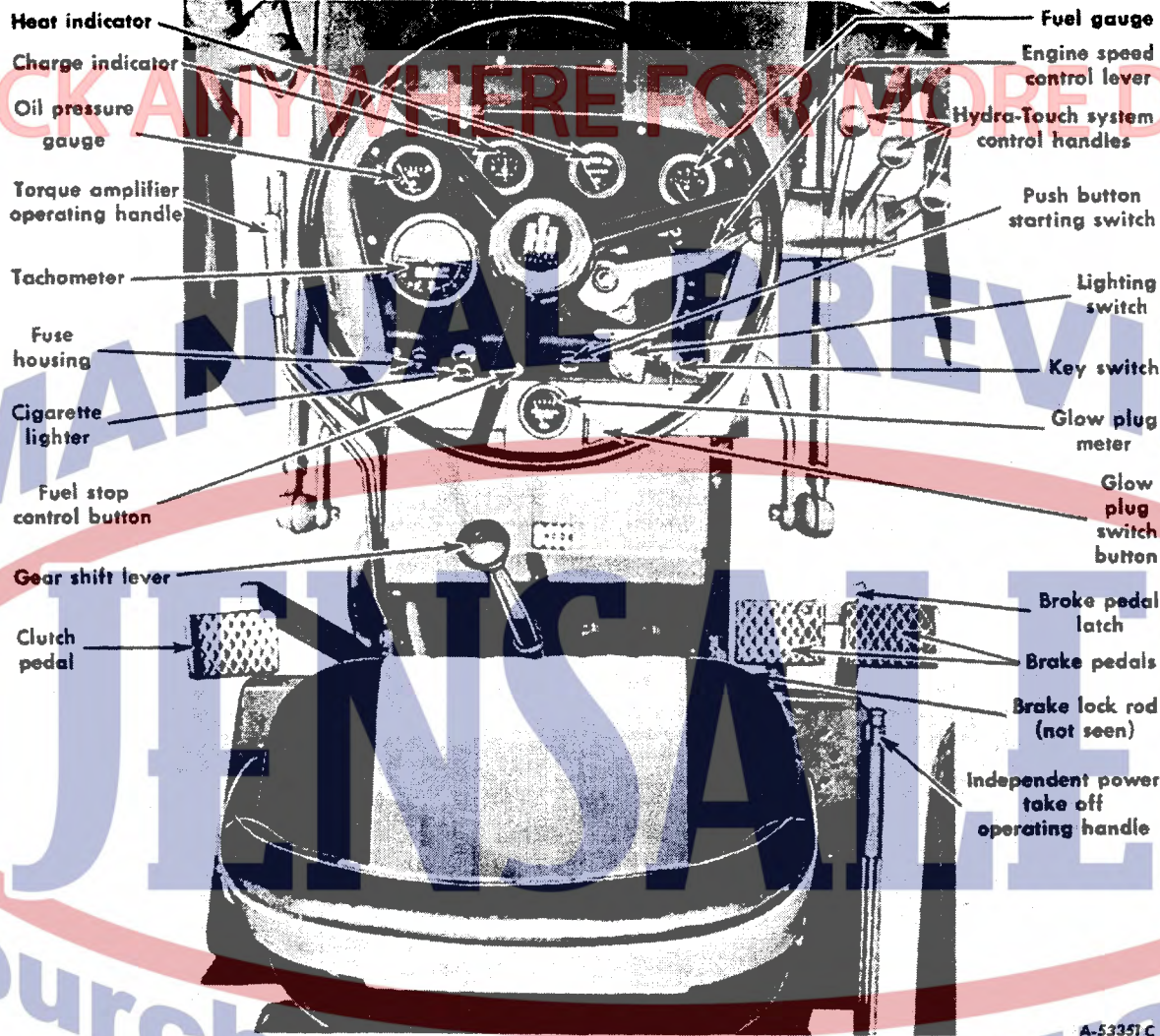
To latch the pedals together, engage the latch (located on the back of the left pedal) (Illust. 19) in the slot in the back of the right pedal. When the brake pedals are not latched together, the latch should rest in the slot in the back of the left brake pedal.

The brake pedal lock (Illust. 19) is used to lock the brake pedals in the depressed position; this prevents the tractor from moving.



Illust. 5
Location of instruments and controls on the
International 460 Utility Tractor.

INSTRUMENTS AND CONTROLS



Illustr. 6
Location of instruments and controls
on the
International 460 Diesel Utility Tractor.

A-53351C

CHOKE CONTROL BUTTON (Gasoline Engine)

The choke control button (Illustr. 5) makes it possible to regulate the carburetor choke from the driver's seat. Pulling out on the choke control button closes the carburetor choke for starting the engine; pushing it back in opens the choke.

FUEL STOP CONTROL BUTTON (Diesel Engine)

The fuel stop control button (Illustr. 6) is used when starting or stopping the engine. Push the button in when starting the engine. Pull the button out when stopping the engine.

CLUTCH PEDAL

This pedal, when depressed all the way, disengages the engine from the transmission.

ENGINE SPEED CONTROL LEVER

This lever controls the speed of the engine and, when set in a given position, will maintain a uniform engine speed even though the engine load may vary.

When the lever is set at the top indicator point (LO), the engine speed is fully retarded. When the lever is at the lower indicator point, the engine speed is fully advanced.

Minimum idle speed (hand throttle) for the gasoline engine is approximately 425 r.p.m. and for the diesel engine approximately 625 r.p.m. with the engine speed control lever fully retarded. Never operate the engine at more than the regular governed speed. Excessive speeds are harmful. For engine speeds, see "Specifications."

The governor on a gasoline engine is set at the factory and should require no adjustment. Consult your International Harvester dealer if the governor does not function properly.

INSTRUMENTS AND CONTROLS

ACCELERATOR PEDAL (Not Illustrated)

The accelerator pedal (if so equipped) is used when making frequent changes of tractor speeds. Pressing the pedal down with the heel increases the speed of the engine. The engine speed control lever should be retarded when the accelerator pedal is to be used.

LIGHTING SWITCH

The switch has four positions: "Off" position; "D" position for dim headlights, instrument lights, and a red tail light; "B" position for bright headlights, instrument lights, and a red tail light; and "R" position for bright headlights, instrument lights, and a white rear light. The red tail light should always be used when traveling on the highway at night or during times of poor visibility. The white rear light is for field use only and should not be used on the highway.

CIGARETTE LIGHTER

Push the lighter in to make electrical contact. When it pops back it is ready for use.

KEY SWITCH

A key-type lock ignition switch is located below the right side of the instrument panel. See Illust. 5. Turn the key clockwise to a horizontal position before attempting to start the engine. The key cannot be removed when in this position.

Note: When the gasoline engine is not operating or the engine has stalled and the operator leaves the tractor, the key must be turned to the "off" position to prevent battery discharge.

PUSH BUTTON STARTING SWITCH

Pushing the button in completes the electrical circuit between the battery and the cranking motor solenoid and causes the cranking motor pinion to engage the flywheel ring gear, thereby cranking the engine. Refer to page 12 for starting the engine.

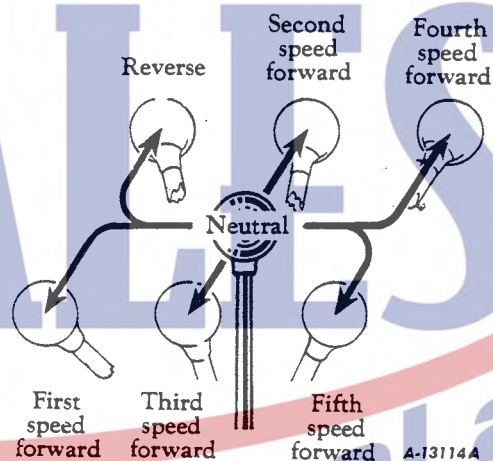
GLOW PLUG SWITCH BUTTON (Diesel Engine)

Pushing this button (Illust. 6) energizes the glow plugs to bring them up to igniting temperature. The glow plug meter indicates whether the glow plug system is working.

FUEL GAUGE

With the key switch turned on, the fuel gauge indicates the level of the fuel in the fuel tank.

GEARSHIFT LEVER



Illust. 7
Gearshift positions.

This lever is used to select the various gear ratios in the transmission. There are five forward speeds and one reverse speed. See Illust. 7.

RADIATOR SHUTTER CONTROL CRANK

The control crank (on tractors so equipped) opens and closes the radiator shutter, controlling the engine temperature. Turn the crank counterclockwise to close the shutter and clockwise to open the shutter.

HYDRA-TOUCH SYSTEM CONTROL HANDLES

These handles (Illust. 5) operate the Hydra-Touch system. They are used to raise, partially raise or lower implements. See page 21 for operating instruction.