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IH-O-350 UTIL

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I-300U

Starting Serial Numbers

1955.....	501
1956.....	20219

I-350

Starting Serial Numbers

1956.....	501
1957.....	1963
1958.....	15049

Paint Codes

Ag Farmall Antique Red (to 1981)

IH.....	99102R3 (Aerosol)
IH.....	991010R2 (Quart)
IH.....	B90882 (Gallon)

Silver (for Wheel rims)

IH.....	b17567 (Aerosol)
IH.....	b17565 (Quart)
IH.....	b17563 (Gallon)

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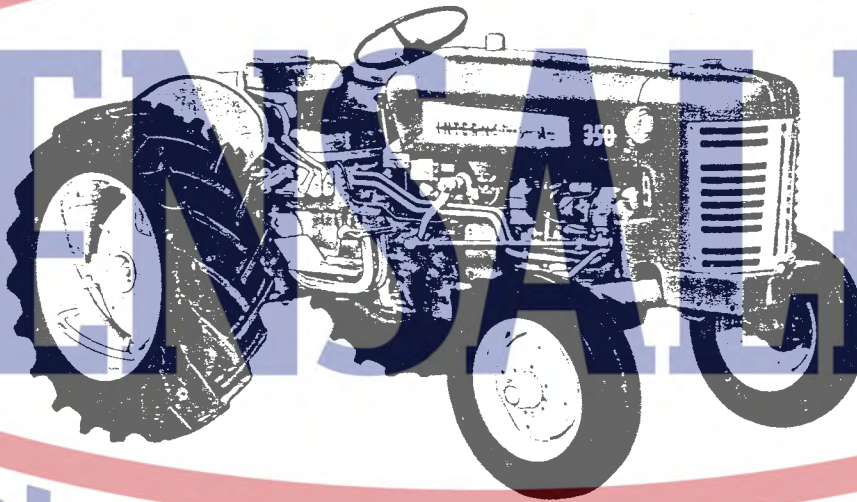
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UTILITY

TRACTOR

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INTERNATIONAL HARVESTER COMPANY

180 North Michigan Avenue

Chicago 1, Illinois, U.S.A.

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Description—Continued

When the electrical equipment is installed at the factory, the battery ground strap is disconnected and taped. Before attempting to start the tractor, make certain that the ground strap is connected.

Lighting Switch

The lighting switch has three positions: "O" -- off position, "D" -- dim lights, and "B" -- bright lights.

Instrument Lamp

A 2 candlepower lamp (6-8 volt-No. 125588) (12-16 volt-No. 127934) on the instrument panel, is provided for illuminating the instruments at night and is lighted whenever the headlights and rear lights are on.

Headlights

The headlights on your tractor are sealed-beam lights especially developed for farming operations. The parts are so constructed that the filament, reflector, lens and gasket are all assembled in a unit permanently sealed against dirt, moisture and corrosion. Should a filament burn out or a lens break, the complete unit must be replaced. See your International Harvester dealer.



Illustr. 56
Headlights on the tractor.

Combination Rear Light and Tail Light

The rear light on your tractor is a combination light with both white and red lamps for field or highway use. It is turned on by the lighting switch on the instrument panel. A selective switch on top of the light gives you a choice of the red as a tail light or white as a rear light.

To replace the rear lamp, remove the molding and lens and replace with a 32 candle-power lamp (6-8 volt-No. 142309) (12-16 volt-No. 142458). To replace the tail lamp, remove the red jewel and replace with a one candlepower lamp (6-8 volt-No. 115273) (12-16 volt-No. 131282). Replace the jewel, lens and molding.

Break-Away Connector Socket

On tractors equipped with starting and lighting, a break-away connector socket on the left fender serves as a plug-in connection for lights on trailing implements. This socket can also be used to plug in a trouble light.



Illustr. 56A

Combination rear light and tail light and break-away connector socket.

Fuse

A cartridge-type fuse (6-8 volt-3AG-25 ampere) (12-16 volt-AGC-15 ampere) is in the fuse housing to the left of the lighting switch. If a short circuit occurs in the lighting circuit, the fuse will burn out and break the circuit, preventing damage to the electrical system.

It is important to use the same capacity fuse for replacement. If the lights fail, check the fuse. If the fuse continually burns out, check the electrical wiring for short circuits.

To install a new fuse, unscrew the fuse housing on the instrument panel (Illustr. 55A), pull out the old fuse, and replace it with a new one.

Generator and Regulator

The generator supplies current to keep the battery in a charged condition and to replace the energy consumed by the cranking motor and lights. It is hinge-mounted on the right side of the engine crankcase and is driven by a V-belt from the fan pulley.

The generator charging rate is controlled by a voltage regulator which controls the generator output, thereby maintaining a satisfactory charging rate, and prevents the battery from overcharging under varying temperatures and operating conditions. It should not require adjustment or attention. If the regulator fails to operate correctly, see your International Harvester dealer.

Caution! Never place a jumper lead between or accidentally bridge the battery terminal and the field terminal on the regulator. Serious damage to the regulator may result.

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