

Supplement to Operator's Manual **(1 004 441 R1)**



INSTALLING INSTRUCTIONS PARTS LIST

Electrall[®]

**(369 511 R91, 369 512 R91,
369 867 R91, and 369 868 R91)**

Fast-Hitch Mounted and Trailer Mounted

**This supplement contains additional instructions
required for the power take-off driven Electrall.**

INTERNATIONAL HARVESTER COMPANY

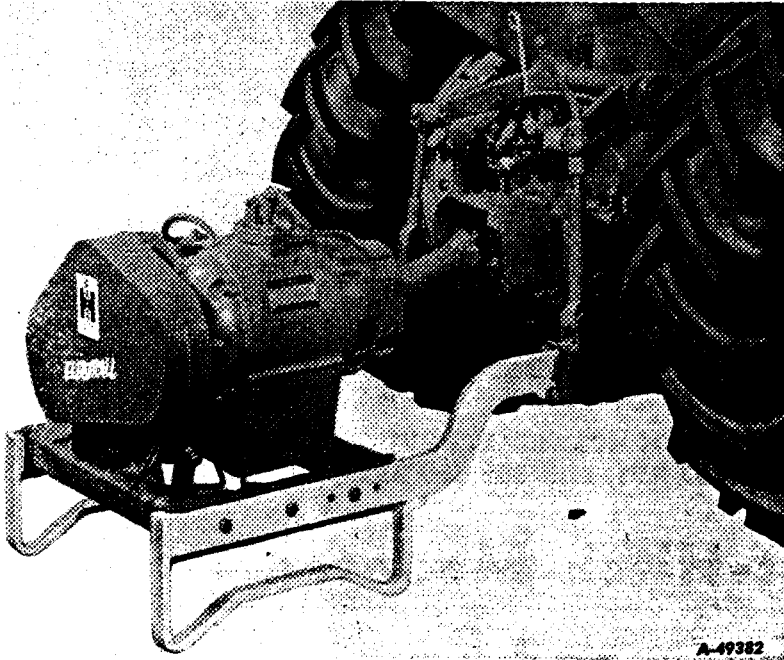
180 North Michigan Ave.

Chicago 1, Illinois, U.S.A.

ORDERING NUMBERS

- 369 511 R91 – Fast-Hitch Mounted Electrall Attachment – For Farmall 300, 350, 400, 450, International 300, 330, and 350 Utility Series Tractors with Fast-Hitch and either Independent Power Take-Off or Transmission Driven Power Take-Off Attachments.
- 369 512 R91 – Trailer Mounted Electrall Attachment – For ALL tractors with an SAE-ASAE Standardized Power Take-Off Attachment and having twenty five (25) belt horsepower or more, except High-Clearance tractors.
- 369 867 R91 – Fast-Hitch Mounting Attachment (less Generator and Exciter) – For Farmall 300, 350, 400, 450, International 300, 330, and 350 Utility Series Tractors with Fast-Hitch and either Independent Power Take-Off or Transmission Driven Power Take-Off Attachments.
- 369 868 R91 – Trailer Mounting Attachment (less Generator and Exciter) for ALL tractors with an SAE-ASAE Standardized Power Take-Off Attachment and having twenty five (25) belt horsepower or more, except High-Clearance tractors.

DESCRIPTION

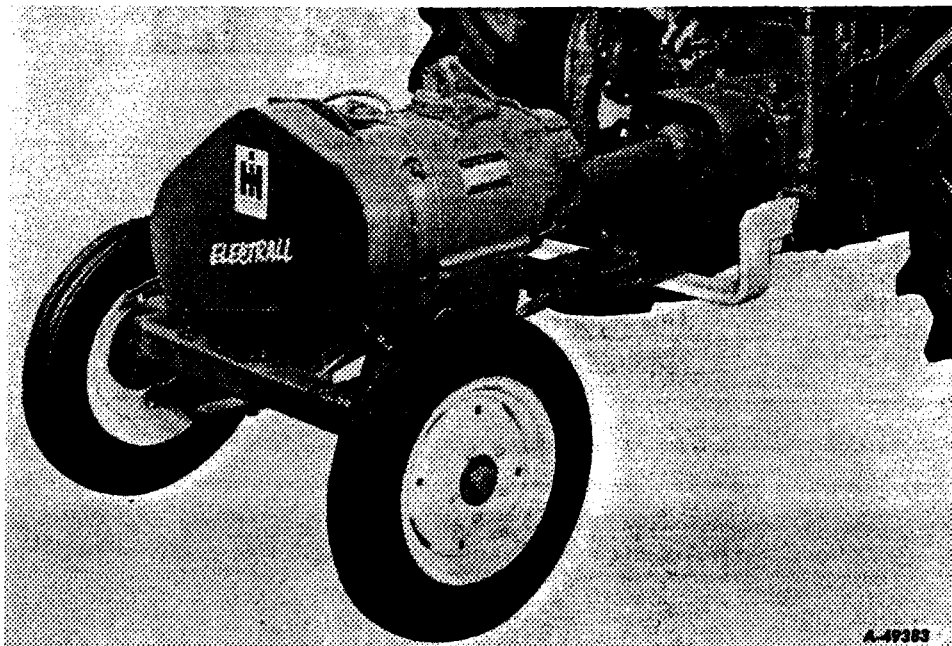


Illust. 1 – Fast-Hitch Mounted Electrall.

The Electrall Generator is driven by two cog type "V" belts from pulleys on the transmission gear case, which is in turn driven by a universal joint shaft connected to the tractor power take-off drive shaft.

The following replaces the first paragraph on page 2 of the Electrall Operator's Manual:

It converts mechanical power from the tractor engine into electrical power which can be used for many purposes. It will drive any alternating current motor within the generator capacity, give power for lights, drive most electric hand tools used about the farm, and supply this power any place the tractor can be driven. It can also be used as a source of standby emergency power as a substitute for the power lines in the event of a power failure.

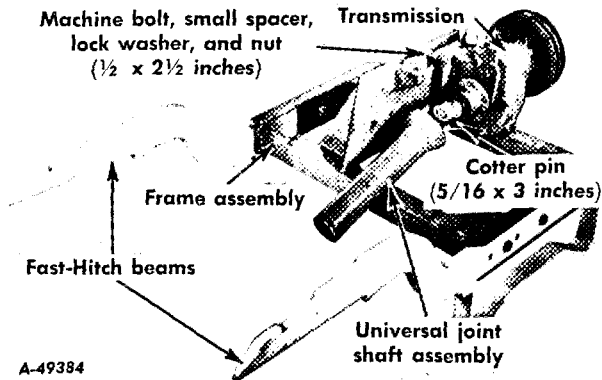


Illust. 2 – Trailer Mounted Electrall.

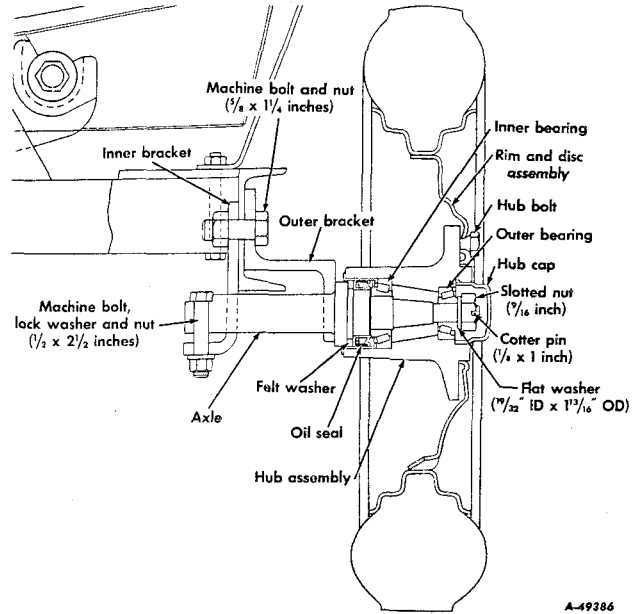
SETTING UP INSTRUCTIONS
 (Replaces "INSTRUCTIONS FOR INSTALLING" up to "Overload Protection"
 in the Electrall Operator's Manual)

FAST-HITCH MOUNTED

Assemble the two Fast-Hitch beams to each side of the frame assembly with six 5/8 x 2-inch hex. head machine bolts and nuts and tighten them securely, as shown in *Illust. 3*.

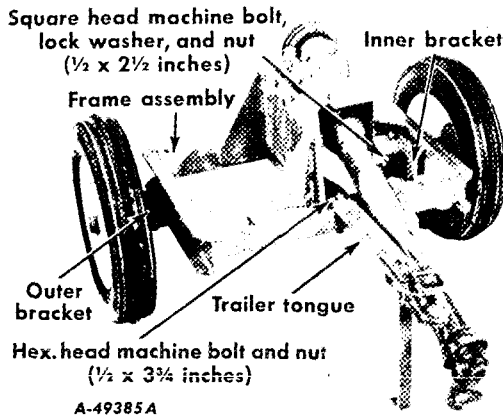


Illust. 3
Fast-Hitch mounting unit.



Illust. 5
Trailer wheel and hub assembly.

TRAILER MOUNTED



Illust. 4
Trailer mounting unit.

Assemble the inner and outer axle brackets to each side of the frame assembly with four 5/8 x 1-3/4-inch hex. head machine bolts, as shown in *Illusts. 4 and 5*.

Install the two rubber tire wheel and axle assemblies and secure them with two 1/2 x 2-1/2-inch square head machine bolts, lock washers, and nuts, as shown in *Illusts. 4 and 5*.

Install the trailer tongue, complete with coupling assembly and parking leg, to the front and rear of the frame with two 1/2 x 3-3/4-inch hex. head machine bolts and nuts, as shown in *Illusts. 4 and 11*.

FAST-HITCH OR TRAILER MOUNTED

Assemble the transmission to the frame with two 1/2 x 2-1/2-inch machine bolts, small spacers, washers, and nuts. See *Illusts. 3, 6, and 7*.

Before operating the Electrall, remove and discard the pipe plug on top of the transmission case. Fill the transmission case with SAE-80 lubricant as described on page 6, then assemble the breather cap in the opening on top of the transmission case.

Connect the power take-off universal joint shaft assembly to the splined shaft on the transmission and secure it with the 5/16 x 3-inch extended prong cotter pin, as shown in *Illust. 3*.

Fasten the generator bracket to the frame with two 3/4 x 2-inch square head machine bolts, washers, and nuts. Fasten the bracket to the frame and transmission using the 3/4 x 3-1/4-inch hex. head machine bolt, large spacer, washer, and nut. See *Illust. 6*.

Assemble the rear power take-off shield to the transmission and frame using two 5/16 x 5/8-inch cap screws at "C", and the 5/16 x 1-inch hex. head machine bolt and nut at "D". See *Illust. 11*.

Remove the lifting lug from the generator, and reinstall it on top of the stay rod bracket with three 1/2 x 1-3/4-inch cap screws and lock washers. See *Illust. 6*.

Continued on next page.

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