

INSTALLING INSTRUCTIONS
IMPLEMENT HANDLE HELPER SPRING
(548 380 R92)

For
INTERNATIONAL® CUB CADET®
Tractors

Remove the frame cover, located behind the instrument panel pedestal, so as to have access to the interior of the frame. See Illustration on reverse side of page.

On Model 1100, connect the hook end of the helper spring to the helper spring rod hole. Guide the spring under the fender and over the transaxle on the left hand side of the tractor frame channel and insert the spring rod through the opening of the gear box mounting bracket (the drawbar may have to be removed for easier installation).

Assemble end of helper spring rod to the helper spring lever, within the hook shape of the lever, using a 5/16 x 1-7/8-inch headed pin, 1/8 x 5/8-inch cotter pin and 5/8-inch long spacer. Spacer to fit on pin so that it keeps the rod end alongside the short leg of the spring lever. Connect the hook end of the helper spring to the opposite end of the helper spring rod.

Place these connected parts into the tractor frame along the inner side of the left hand frame channel. Assemble the spring lever to the left hand lift arm, using two 5/16 x 7/8-inch bolts and nuts. Bolt heads must be on the outside of the left hand arm.

Note: Spring lever must be installed to the inside of the rockshaft arm with the short leg of the hook toward the outside of the tractor.

On Model 1100 tractor, the adjusting bolt bracket is not required if standard drawbar is used (Tractors with Three-Point Hitch do require the adjusting bolt bracket).

Attach the helper spring adjusting bolt bracket to the rear of the left hand frame channel, on the outside, using two 3/8 x 3/4-inch bolts and nuts. Lubricate the washer, adjusting bolt and the helper spring rod connected to the spring lever. Use IH 251H EP grease or equivalent #2 multi-purpose lithium grease. Insert the 1/2 x 5-inch adjusting bolt through the 1-inch flat washer and through the hole in the bracket and thread into the nut welded to the end of the helper spring. Tighten the adjusting bolt to obtain the desired spring tension.

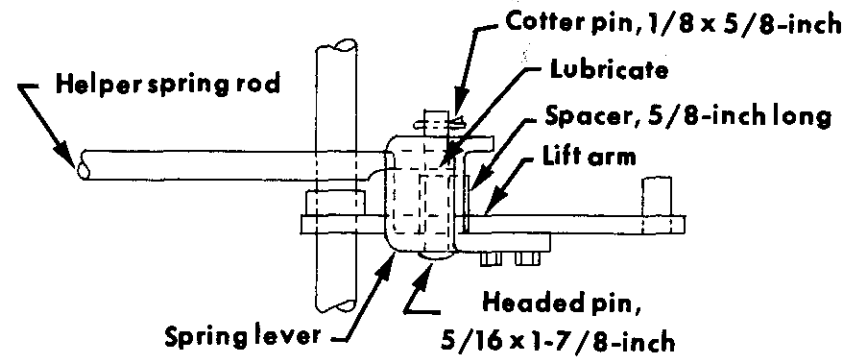
Note: Effort required to operate the lift handle can now be varied by loosening or tightening the helper spring adjusting bolt.

On Model 1100 tractor, check the battery cable clearance with the spring lever and cotter pin.

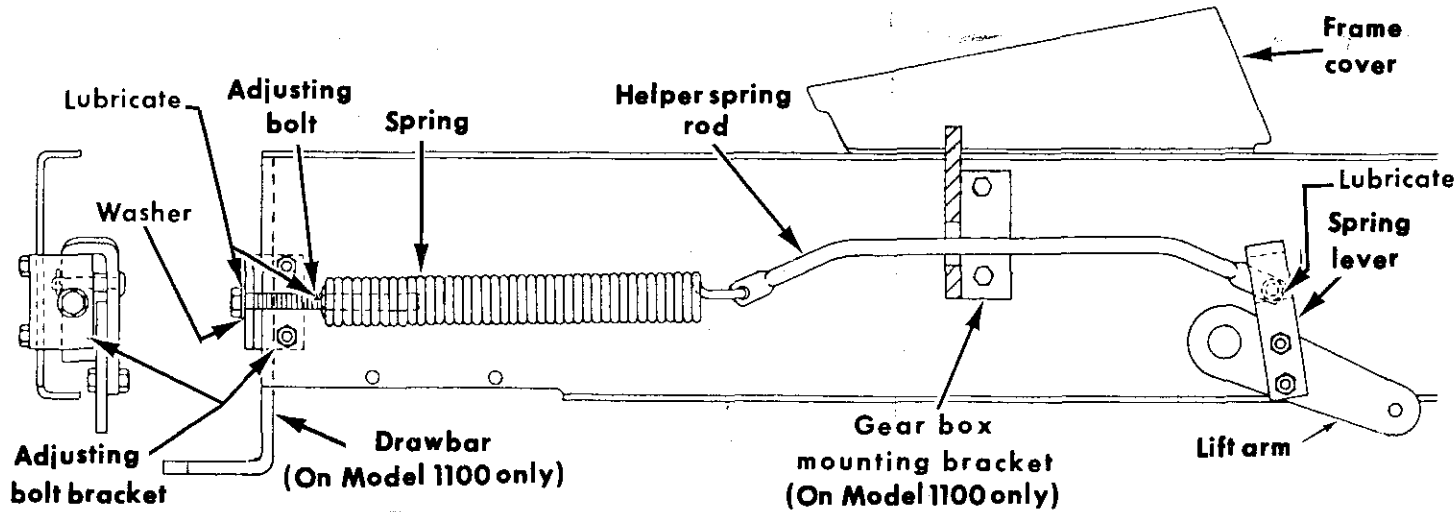
On Model 1100 tractor, the spring will have interference with the transaxle when the lift handle is in the down position. This is normal for this tractor.

Reinstall the frame cover to the top of the tractor frame.

INTERNATIONAL HARVESTER COMPANY
401 NORTH MICHIGAN AVE. CHICAGO, Illinois 60611, U.S.A.



Top view of lift arm, spring lever and helper spring



Rear View

View of left side of tractor frame
from right side of tractor.

MA-5585C