How to use this file...(Installation Instruction Sheets)

Instructions for
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INSTALLATION INSTRUCTIONS

103209 FOR 14 HP TRACTORS
103210 FOR 1971 10 HP TRACTORS
103250 FOR 10 & 15 HP TRACTORS

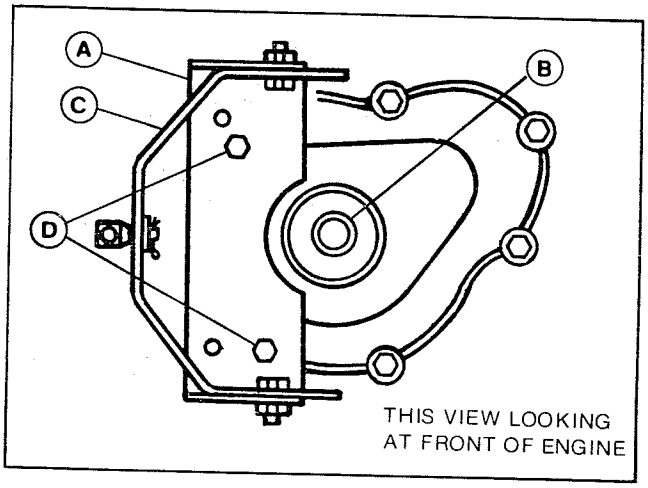
⚠ WARNING

For your personal safety, follow all safety rules in the Operator's Manual for your tractor and attachment. Before working on unit, stop the engine, remove the key, and set the parking brake.

⚠ WARNING

Engine operation will heat up muffler and extreme care must be taken not to touch it during installation and operation of the snow thrower.

1. See figure 1. Tip hood forward to expose engine shaft.
2. Mount the PTO clutch parts as shown in figure 1 and figure 2.
3. Install engine mounting bracket and clutch fork as shown in figure 1 and figure 2. Note the difference between Briggs & Stratton engines and Kohler engines, shown in figure 1.



A. Engine Mounting Bracket
B. Engine Drive Shaft
C. Clutch Fork
D. Attaching Hardware

Figure 2. Installing Mounting Bracket & Clutch Fork, Front View

A. Clutch Fork
B. Pivot
C. Capscrew, 5/16-18 x 3/4
D. Capscrew, 5/16-18 x 3/4
E. Capscrew, 5/16-18 x 1, Briggs Engine
   Capscrew, 3/8-16 x 3/4, Kohler Engine
F. Bracket
G. Key
H. Spacer
I. Engine Shaft
J. Clutch Plate
K. Brake Support
L. Washer
M. Capscrew, 3/8-24 x 1-3/4, Briggs Engine
   Capscrew, 7/16-20 x 2, Kohler Engine
N. Lockwasher
O. Thrust Washer
P. Spring
Q. Bearing
R. Sheave
S. Sleeve

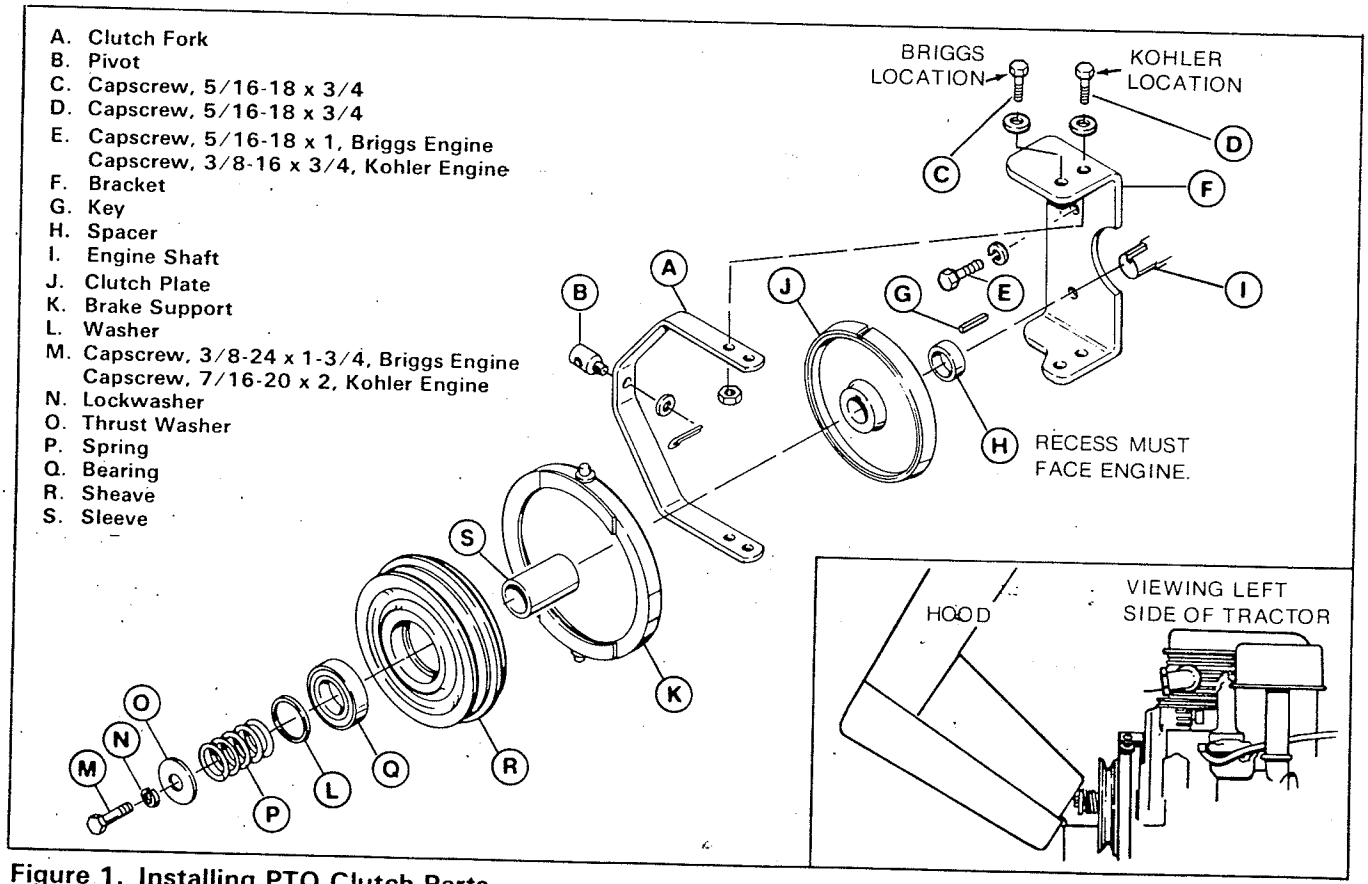


Figure 1. Installing PTO Clutch Parts

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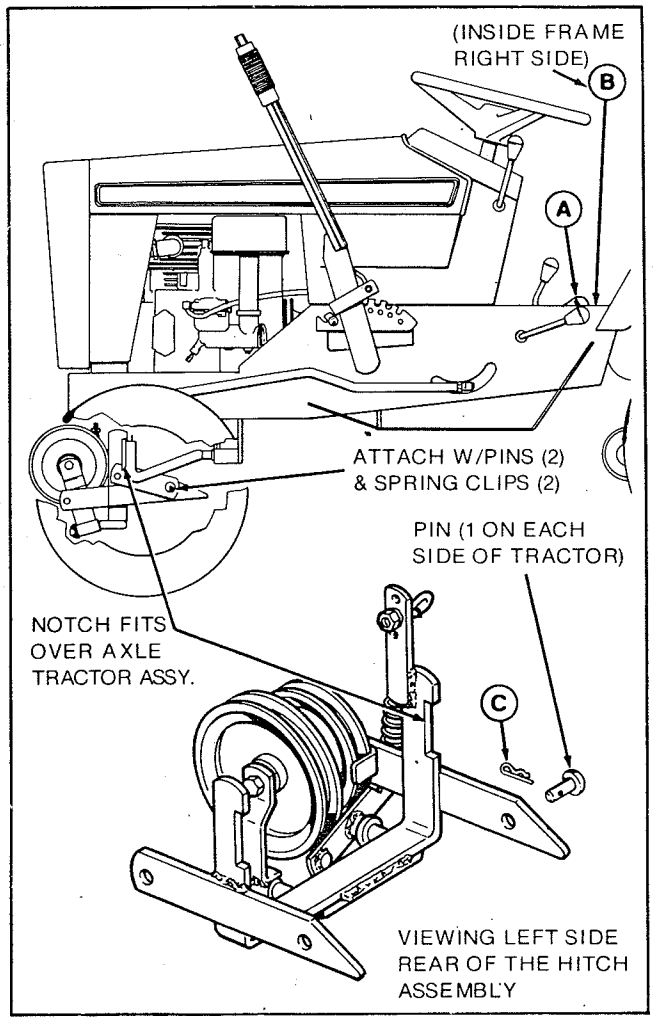
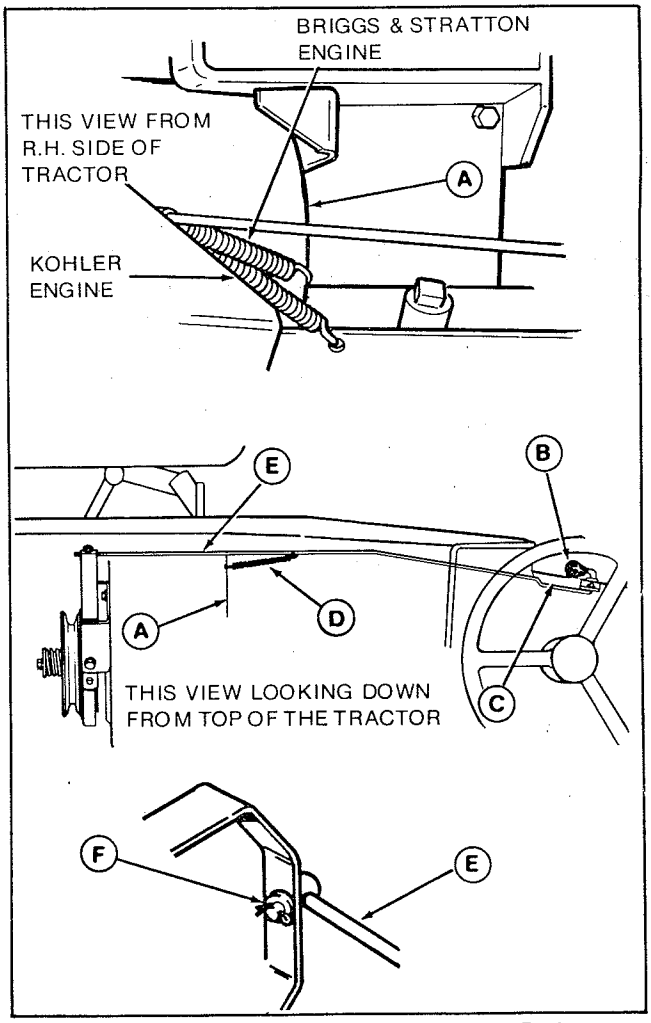


A. P.T.O. Handle
B. Safety Switch
C. Spring Clips (2)

Figure 3. Mounting the Hitch



A. Engine Shroud
B. Clutch Control
C. Decal
D. Spring
E. Clutch Control Rod
F. Plain Washer & Cotter Pin

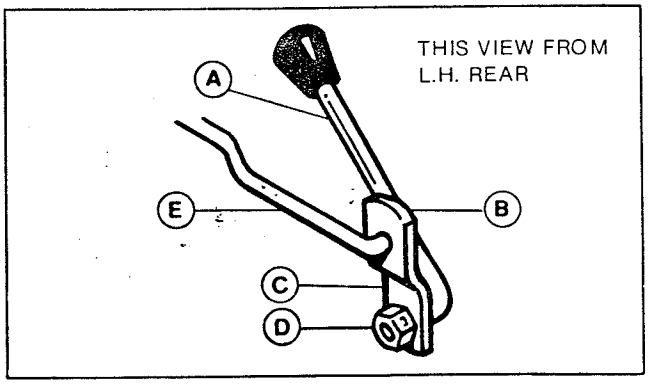
Figure 4

4. See figure 3. Mount the hitch assembly to the tractor with the notches over the front axle assembly. Secure the hitch assembly to the axle assembly with two pins and spring clips.

5. See figure 5. Inside the frame of the tractor secure the control rod to the control lever with a cotter pin.

NOTE

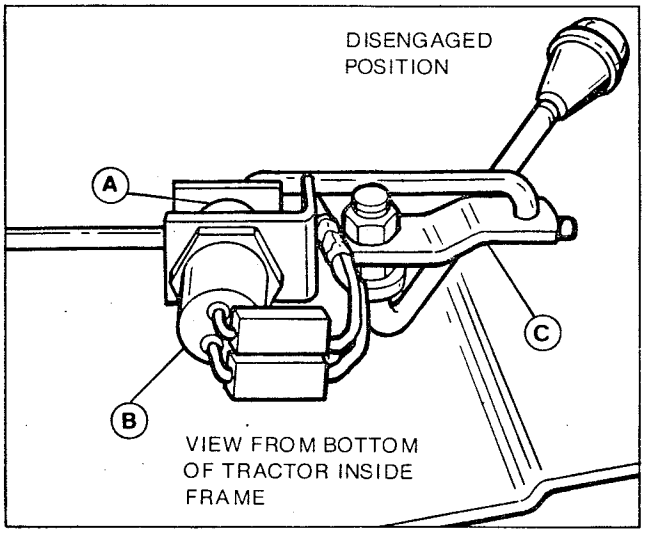
When installing the PTO clutch control lever, the arm which bolts to the lever inside the frame should be at approximately a 30 ° angle toward the back of the tractor when the handle is in the engaged (forward) position.



A. PTO Control Handle
B. Cotter Pin
C. Arm
D. Locknut
E. Clutch Lever

Figure 5

6. See figure 5. Mount the PTO clutch control lever and arm on the right hand side of the frame below the steering wheel and secure it there with a locknut.
7. See figure 4. Thread the pivot on the control rod and secure it to the clutch fork with a cotter pin and flat washer. (Flat washer between clutch fork and cotter pin.)
8. See figure 4. Install the spring on the PTO clutch control rod (hole in rod) and engine shroud.
9. See figure 6. Install the safety switch as illustrated. Adjust the switch so the plunger is depressed when the PTO clutch control lever is in the disengaged position, and the plunger is released when the clutch lever is in the engaged position. See figure 3 for location of safety switch.



A. Plunger
B. Safety Switch
C. Arm

Figure 6

10. See figure 7. Adjust the PTO clutch by changing the effective length of the control rod. The clutch should be adjusted so there is about .060 inch clearance between the two brake pads on the disengaging ring and the sheave. When clutch control lever is in engaged position a flat feeler gauge may be used to measure this dimension. With .060 inch clearance, the disengaging ring will be free to move slightly back and forth and the sheave will move 1/16 inch as it is moved from the engaged to the disengaged position. The clutch should be engaged and disengaged at least 10 times with the belt installed and the engine running to seat the clutch lining. After running, check the adjustment and reset if necessary.

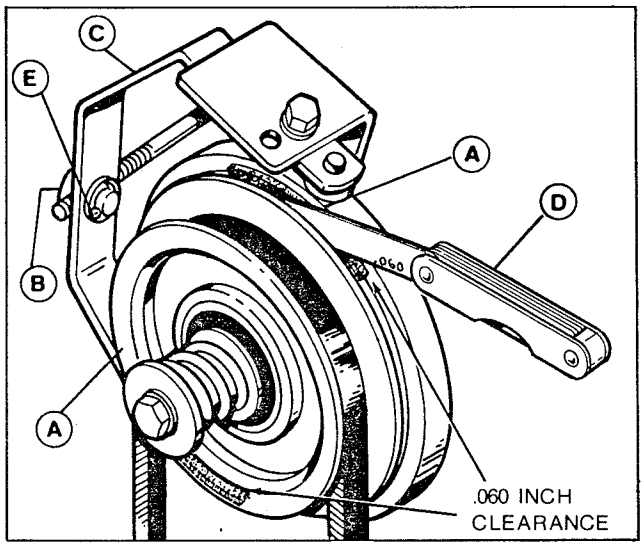
A. See figure 7. Remove cotter pin (E) from swivel (B). Rotate swivel (B) clockwise to decrease clearance between the brake pad and pulley or counterclockwise to increase clearance.

B. Replace swivel (B) in the hole in bracket (C).

c. Use a thickness gauge (D) to measure the distance between brake pads (A) and the drive pulley.

d. If distance (A) shown in figure 7, is more or less than 0.060 inch, repeat steps 1 thru 3.

e. See figure 7. Install the flat washer and cotter pin (E) after completing the adjustment.



A. Brake Pad
B. Swivel
C. Bracket
D. Thickness Gauge
E. Cotter Pin

Figure 7