Belt Pulley and Power Take-Off

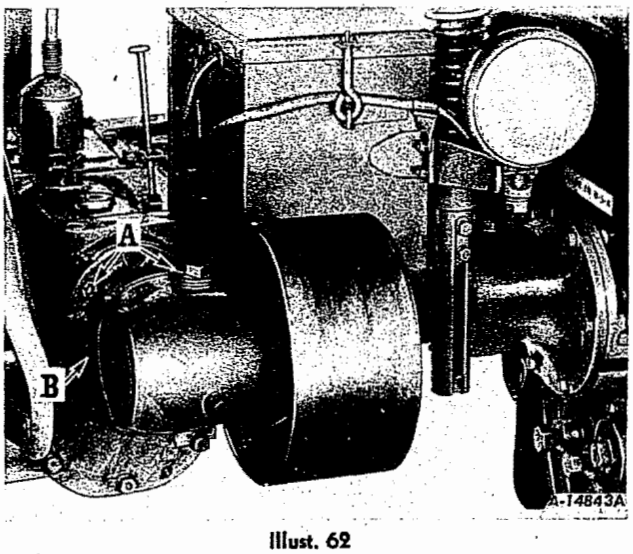
The power take-off attachment, mounted on the back of the transmission case, extends the power of the engine to the rear of the tractor for operating the mower mechanism or the mechanism of other power-driven implements that will fit the Farmall Cub. The power take-off shaft projects through the rear of the differential housing, and is driven by the transmission drive shaft. The power take-off shifter lever engages and disengages the power take-off shaft from the transmission drive shaft; the engine clutch should always be disengaged before moving this shifter lever. The power take-off has a speed of 1,600 r.p.m.

The belt pulley attachment, mounted on the power take-off, increases Cub utility by making the power of the tractor engine available for the operation of belt-driven machines such as corn shellers, feed grinders and hammer mills. The belt pulley is driven by the power take-off shaft.

The regular pulley has a 9-inch diameter with a 4½-inch face. Shaft speed is 1,322 r.p.m. under full load, which gives a belt speed of 3,114 feet per minute. The low idle speed is 392 r.p.m. and the fast idle speed is 1.487 r.p.m. (no load). Two other pulleys are available if desired. *See specifications on page 63.*

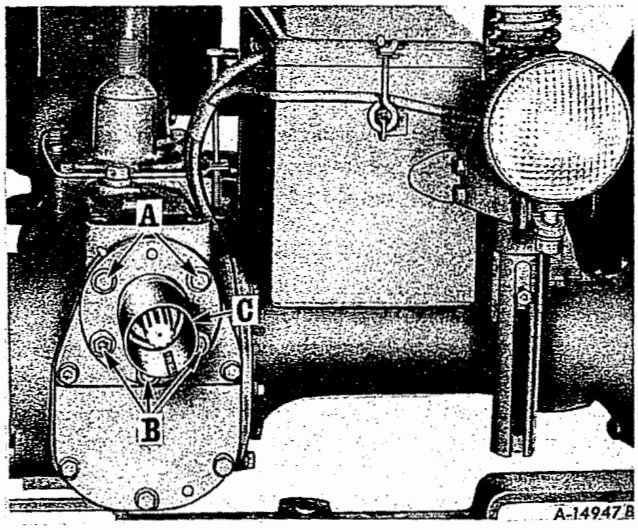
The belt pulley and power take-off is available as a unit or the power take-off is available separately. The belt pulley attachment is also supplied separately for tractors that are already equipped with a power take-off attachment.

The instructions for operating the belt pulley and power take-off attachments are *on page 13. For lubrication see pages 20 and 21.*



Illust. 62

Belt pulley and power take-off assembled on tractor.



Illust. 62A

Power take-off assembled on tractor.

To Change from Belt Pulley Work to Power Take-Off Work

Remove two ⅜ N.C. x 1⅝-inch cap screws "A" (*Illust. 62*) and three ⅜ N.C. x 1⅜-inch cap screws "B" and remove the belt pulley and housing, complete. Set the belt pulley and cap screws aside for future use.

Replace the removed cap screws with the extra cap screws supplied with the belt pulley and power take-off attachment. Use the two ⅜ N.C. x 1⅜-inch cap screws at "A" (*Illust. 62A*) and the three ⅜ N.C. x 1⅛-inch cap screws at "B." Use the flat washers and lock washers provided with the cap screws and tighten securely.

Always cover the power take-off exposed shaft with the guard "C" (Illust. 62A) when the power take-off is not being used.

The power take-off shaft speed is 1,600 r.p.m. (counterclockwise rotation).

To Change from Power Take-Off Work to Belt Pulley Work

Remove two ⅜ N.C. x 1⅜-inch cap screws "A" (*Illust. 62A*) and the three ⅜ N.C. x 1⅛-inch cap screws at "B." Apply a light coating of grease to the power take-off shaft and female spline in the belt pulley housing. Then slide the belt pulley and housing complete on to the power take-off splined shaft.