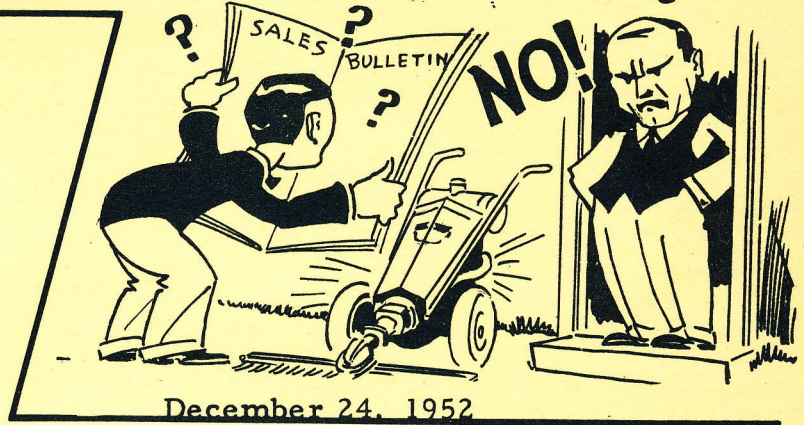


GRAVELY BULLETIN

sales information



December 24, 1952

#454

To: All Dealers and Distributors

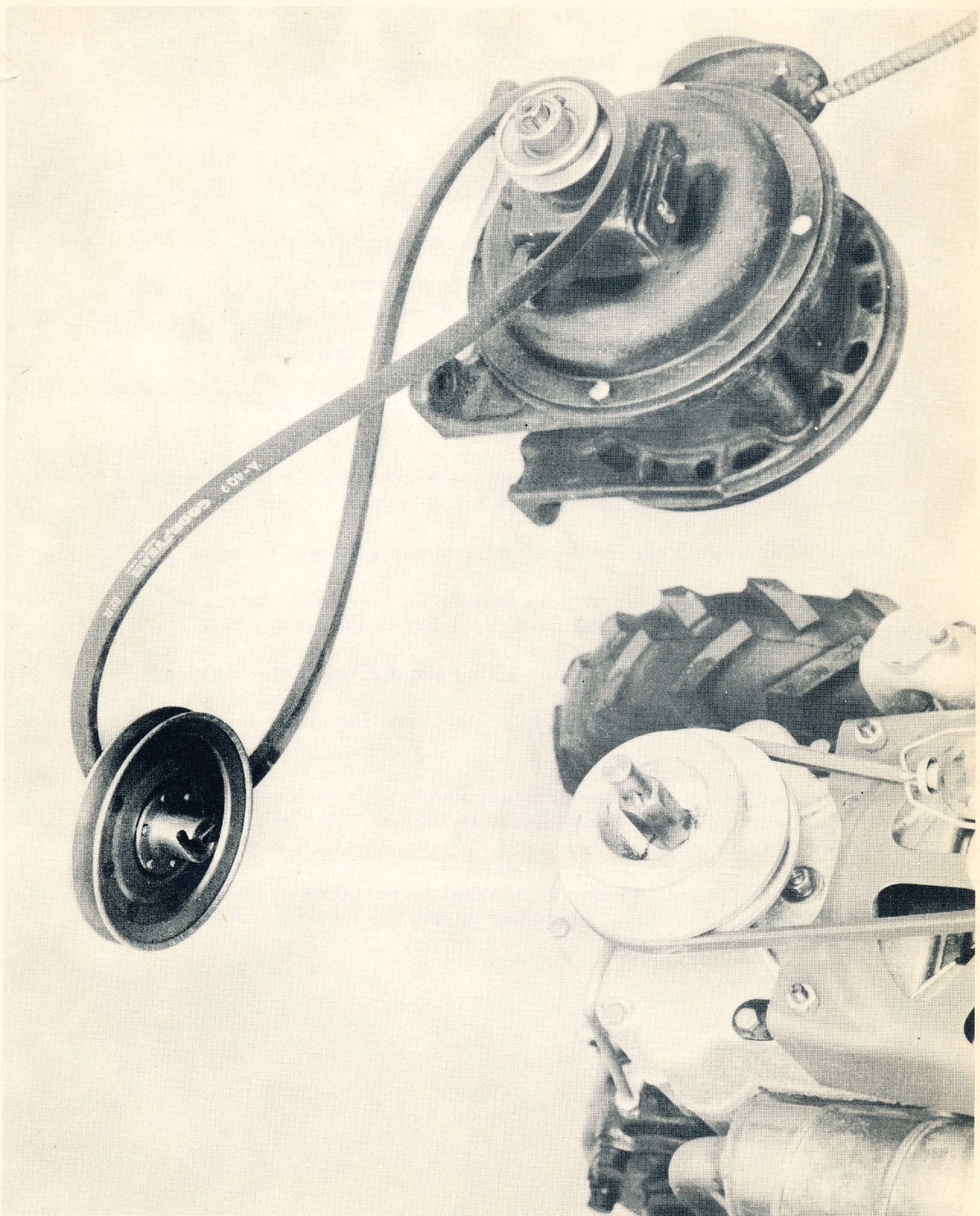
Subject: Use of Electric Motor to Start Model L Tractor

Frequently we have requests from our users asking how an electric motor can be used to start the Tractor. We have been conducting some tests with such an arrangement, and we offer the enclosed prints as illustrations of how this can be done. You will note that on the back side of one of these prints the essential instructions are given. The only parts of this arrangement that we are supplying are the:

A-464 Starter Pulley	\$2.25
A-465 Starter Nut	.85

We have the above parts in stock. The balance of material needed can be obtained through any industrial supply store.

In cold climates, especially where the Tractor is stored in an unheated place, it is difficult to spin the engine fast enough to start. This recommended set-up with the electric motor should be of considerable benefit to these users who require quick starting.



SUGGESTED STARTING METHOD FOR GRAVELY TRACTOR

1. Material Needed:

- a. 1 A-464 Starter Pulley @ \$2.25
- b. 1 A-465 Starter Nut @ .85
- c. 1 Electric Motor, not less than 1/2 HP
with an R.P.M. 1750-1800.
- d. 1 3" Pulley for the Electric Motor Shaft.
- e. 1 B section 21/32, V-Belt, Approximately
60 inches in length.

2. Install the Starter Nut by removing the present Pulley Nut on your tractor, and replacing with the Starter Nut.

3. Bolt or otherwise secure the electric motor so it will be solid.

4. To operate the Starter, slip the Starter Pulley on the Starter Nut, engaging the slots in the Starter Pulley with the Pin in the Starter Nut.

5. Place V-Belt on electric motor pulley and Starter Pulley as shown.

6. Prepare your tractor for starting, then start the electric motor, letting the belt run free.

7. Grasp handles of the Tractor firmly and exert pressure so as to bring the V-belt firmly into contact with the Starting Pulley. This will spin the engine of your Gravelly.

8. As soon as the tractor starts, release the pressure on the handles. The pulley will jump off the nut. Immediately stop the electric motor.

