



PRODUCT SERVICE BULLETIN NO. 72-17 (17)

April 4, 1972

SUBJECT: E8M/10M Model Elec-Trak Tractor

Some of the early production of the E8M and E10M model tractor is being reported to have more noise and vibration than expected and in a few cases the drive does not declutch when the foot pedal is pressed. This bulletin describes how to correct these situations when encountered.

- (1) Remove the belt guard to expose the belt and pulleys.
- (2) On units that do not declutch, when the foot pedal is pressed, running the tractor in neutral for several hours with occasional dusting of the belt with talc will furnish initial stretching and improve clutch operation. SHUT OFF DRIVE MOTOR TO APPLY TALC. If the problem persists, read the markings on the outside surface of the belt. The belts will all be size "A42". On early tractors belts have an additional number inside a diamond. If this number is 49 or less, the belt should be replaced with one supplied having the number 50 or 51 inside the diamond or no number at all.
- (3) With the belt in place, adjust the clevis which connects the clutch rod to the idler pulley arm so that there is a 3/4 inch space between the clutch/brake pedal and the foot rest, when the pedal is released. DO NOT REMOVE THE PUSH NUT SECURING THE FRONT END OF THE CLUTCH ROD TO MAKE THIS ADJUSTMENT.
- (4) Following the clevis adjustment, readjust the right side brake rod setting for proper brake action. Check the two whip pins at the top and bottom of the transaxle pulley to be sure they clear the belt by about 1/16 inch. If these whip pins touch the belt, a noisy condition is created.
- (5) If the tractor seems noisy or vibrates unusually, observe whether belt slap is occurring; if so, eliminate by adjustment of the pulleys to be in proper alignment and be sure that the belt containers are not rubbing. Paint in the pulley groove can cause noise and erratic performance, and should be removed. Also check to see that the drive motor is not vibrating the bottom of the frame. If so, isolate with a piece of rubber or other resilient material as a shim.
- (6) The mower is best demonstrated with the tractor and mower on grass. When setting on a concrete floor there will always be a higher noise

level than occurs when the surface is soft. If the mower seems unusually noisy on grass, check the blades for proper balance.

- (7) If the transaxle pulley is rubbing on the belt guard, cut a small window in the bottom surface of the guard where the rub occurs.
- (8) In the assembly of the tractor some of the steering arms which are to be assembled to the lower steering shaft fit tightly on the key. For easier assembly the key can have a few mils ground from the back surface before being assembled to the steering shaft.

If the last 3 numbers of the serial number on the tractor is less than indicated as follows, these corrections may be in order. If the last 3 numbers are higher than indicated or if the first letter is D or more, we believe these problems will have been eliminated.

E8M: 280

E10M: 350

We are sending the correct drive belt to those locations having the lower number tractors. We will authorize a warranty claim of up to one hour for the elimination of unusual noise and vibration problems which may occur on tractors with serial numbers indicated above.

NOTE: E8M/10M tractors with serial numbers starting with the letter D or more can use A42 belts marked less than 50 in the diamond without the problems discussed here. Be sure to check serial number first.

Dealer Set-Up Instructions

The enclosed "E8M and E10M Set-Up" instructions are provided for those dealers receiving early E8M/E10M tractors which included only temporary instructions. This new copy should be retained by the Elec-Trak tractor service mechanic for future reference.