

AERATOR TROUBLESHOOTING

After finding the problem see Maintenance for repair instructions.

WILL NOT SELF-PROPEL OR SLIPS DURING OPERATION

Before performing maintenance on any unit, always disconnect and ground spark plug wire.

A. Drive cable

1. Adjust cable to increase tension.
2. Note: If tension cannot be increased cable adjustment, belt is stretched and requires replacement.

B. Belt

1. Ensure belt is fully seated in both pulleys when drive bail is in the engaged position.
2. Check to ensure keys (item 7) are installed in both sides on the axles.
Note: This will only have an effect with the tines in the raised position.

CREEPS OR WILL NOT STOP SELF-PROPELLING

Before performing maintenance on any unit, always disconnect and ground spark plug wire.

A. Drive cable

1. Over tensioned, adjust according to directions in manual. Check cable to ensure it is not binding in cable housing, caused by distortion of the housing, cable or improper routing.

B. Belt finger (mounted on engine)

1. With bail in engaged position check clearance between belt and finger, should not be contacting belt and should not have more than 1/8" gap.
(Close as possible without touching)

C. Drive Idler (belt)

1. Check to ensure idler moves freely throughout its range of motion from fully engaged to disengaged.

D. Bail (drive)

1. The bail stop should rest against the handle in the disengaged position and move freely to the engaged position against the handle.

DRIVE BELT FALLS OFF

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A. Pulleys

1. Misaligned engine to jackshaft.
2. Idler pulley alignment. Belt should be running in the center of pulley.
3. Set screws not tight. (Align pulleys and tighten).

B. Belt Finger

1. Installed on top front bolt of gear reduction unit.
2. Rotated to back of engine pulley.

C. Idler arm

1. Parallel to belt so the belt runs straight across idler pulley.
2. Washers (3 each) installed between pulley and arm.

CHAIN OUT OF ALIGNMENT

A. Tine Shaft Assembly

1. Check to ensure there is a spacer installed on the left side of tine reel between tine sprocket and bearing.