

ROTAVATOR ATTACHMENT INSTALLATION GUIDE

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STATUS: OFFICIAL

Official Field Installation & Technical Maintenance Protocol (KOREVA9 Series)

1. Pre-Installation Safety & Gearbox Verification

Before mounting the KOREVA9 Rotavator attachment to your tractor 3-point linkage, ensure the engine is completely shut off, the parking brake is engaged, and the PTO lever is set to neutral.

- Verify gearbox oil level using the dipstick. Refill with EP-90 gear oil if necessary.
- Check all rotary blade bolts and ensure they are torqued to 85 Nm.
- Inspect lower link pins (Category I/II) for excessive wear or hair-line fractures.
- Ensure safety shields covering the PTO input shaft and side drive chain are undamaged.

IMPORTANT SAFETY ADVISORY: Never operate or perform linkage adjustments while the tractor engine is running. Disconnect PTO drive shaft prior to inspection.

2. 3-Point Linkage Mounting Procedure

Follow the sequence below for safe and level coupling of the rotavator to your tractor:

Step	Action & Technical Specification
Step 1: Lower Links	Back tractor slowly toward rotavator. Attach lower left link arm first, followed by lower right link arm. Secure with heavy-duty lynch pins.
Step 2: Top Link	Connect the top link turnbuckle to the upper mast hitch. Adjust length until the rotavator frame rests horizontally level.
Step 3: PTO Shaft	Slide PTO universal joint onto tractor splined shaft until locking pin clicks firmly into the annular groove.
Step 4: Leveling	Adjust right-hand tractor lift rod so the rotavator blades sit completely flat against ground level.

3. Field Operating Parameters & Maintenance Intervals

- Optimal PTO Operating Speed: 540 RPM (Do not exceed 580 RPM).
- Working Depth Adjustment: Set side skid shoes to desired depth (typically 4 to 8 inches).
- Gearbox Oil Change: Initial change at 50 hours; subsequent changes every 250 operating hours.
- Chain Case Lubrication: Check grease level every 50 hours; apply NLGI Grade 2 lithium grease.