

Attachment Installation Instructions

for Tractor Rototillers 429010, 429015, 429020, & 429030



WARNING



AVOID SERIOUS INJURY OR DEATH

- Handle all parts carefully.
- Do not place hands or fingers between parts.
- Use personal protective equipment (PPE) as indicated in the attachment's Operator's Manual, including protective eyewear, gloves, and footwear.



WARNING



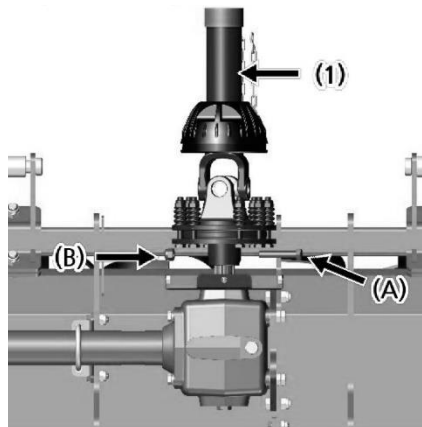
AVOID SERIOUS INJURY OR DEATH

- Always park on a flat, level surface.
- Lower lift arms and place attachment flat on the ground.
- Place all controls in NEUTRAL.
- Engage the parking brake.
- Stop the engine, and remove the key.
- Wait for all moving parts to stop.

SEE MACHINE'S OPERATOR'S MANUAL FOR ADDITIONAL INFORMATION.

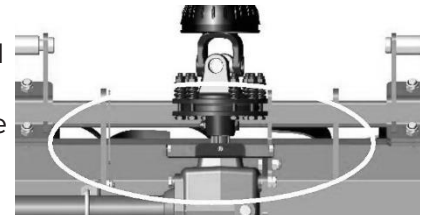
Assemble the PTO Shaft

1. Align the and insert the assembly PTO shaft (1) into the PTO input shaft of the gearbox.
2. Secure the main PTO Shaft assembly by tightening the lock bolt (A) and nylock nut (B) to the recommended torque.



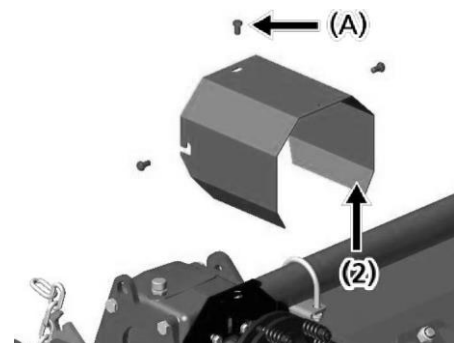
NO	ITEM	SPEC	SOCKET	TORQUE	QTY
429010					
A	Hex Bolt	M8 x 1.25 x 20	13 mm	18.5 – 19.9 lbf·ft	3
429015, 429020, & 429030					
A	Hex Bolt	M12 x 1.75 x 65	19 mm	67 – 71 lbf·ft	1

NOTE: Ensure that the shaft is properly aligned with the hole to allow accurate insertion of the lock bolt (A).



Assemble the PTO Shaft Guard

1. Attach the PTO shaft guard (Item 2) to the rotary tiller.
2. Secure the main PTO shaft guard using the PTO guard mounting bracket.
3. Fasten it with the hex bolt (A), ensuring proper tightening to recommended torque.



NO	ITEM	SPEC	SOCKET	TORQUE	QTY
ALL MODELS					
A	Hex Bolt	M8 x 1.25 x 15	13 mm	18.5 – 19.9 lbf·ft	3

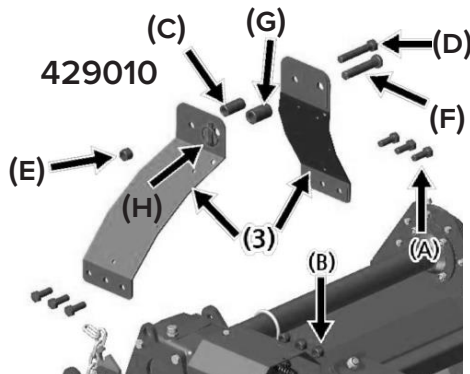
Attachment Installation Instructions Cont'd

for Tractor Rototillers 429010, 429015, 429020, & 429030



Assemble 3-Point Hitch

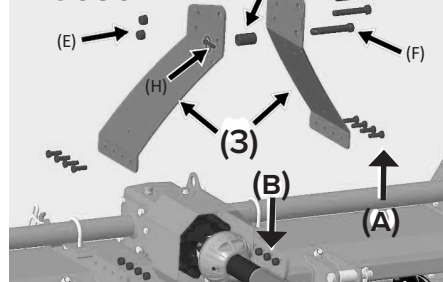
1. Attach the Top Mast LH & RH (Item 3) to the hull assembly using hex bolts (A) and nylock nuts (B).
2. Position the bushing (C) and secure it using hex bolts (D) and (E) to assemble the top portion of the top mast.
3. Finalize the assembly by securing the top link pin (F) with bushing (G) and lynch pin (H).



429015

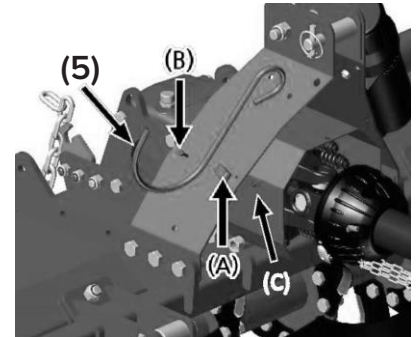
429020

429030



Assemble Driveline Hook

1. Attach the plate hook holding (A) to the top mast RH.
2. Secure it using a hex bolt (B) and a nylock nut.
3. Fasten the driveline hook onto the holding plate.



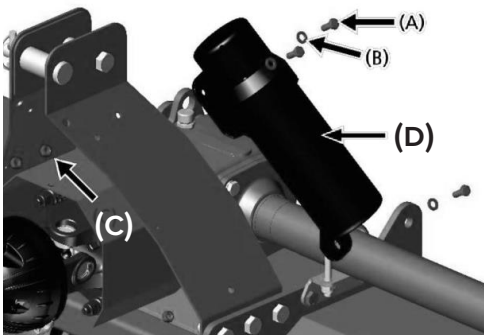
NO	ITEM	SPEC	SOCKET	TORQUE	QTY
ALL MODELS					
B	Hex Bolt	M4 x 0.7 x 15	6 mm	Firm Fitting – No Spec	1

Post Assembly Checks

1. Verify that all components are correctly assembled.
2. Check that all bolts, nuts, and washers are properly secured.
3. Verify the gearbox oil level meets specified requirements, and inspect for leaks or fluid irregularities.
4. Confirm proper alignment of tiller blades.
5. Ensure all critical bolts and nuts are tightened to the recommended torque (if applicable).
6. Inspect the PTO shaft guard for correct placement and secure fastening.
7. Verify that all protective covers are properly installed.
8. Manually rotate the PTO shaft to check for smooth operation.
9. Perform a visual inspection for any loose or missing parts.
10. Ensure the assembly meets operational and safety standards before clearance.

Assemble Manual Storage Tube

1. Attach the manual storage tube (D) to the top mast.
2. Secure it using a hex bolt (A), a plain washer (B), and a nylock nut (C).



NO	ITEM	SPEC	SOCKET	TORQUE	QTY
ALL MODELS					
A	Hex Bolt	M8 x 1.25 x 20	13 mm	18.5 – 19.9 lbf•ft	3