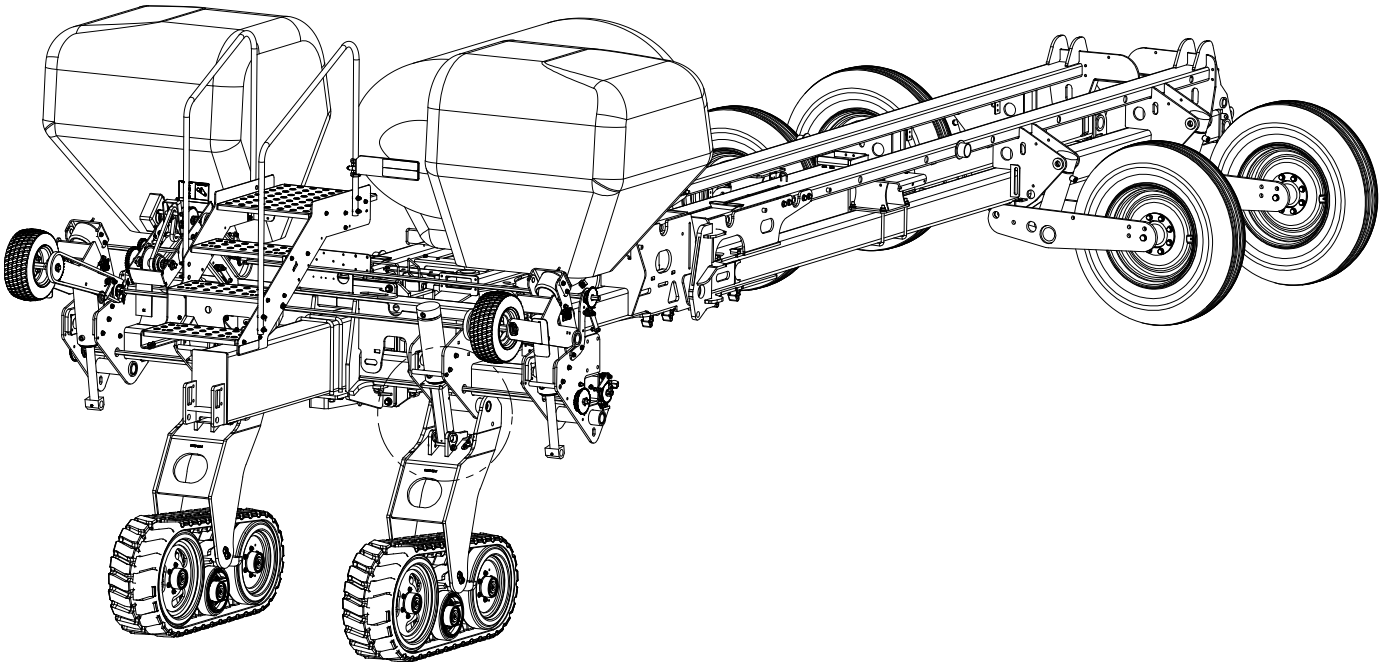
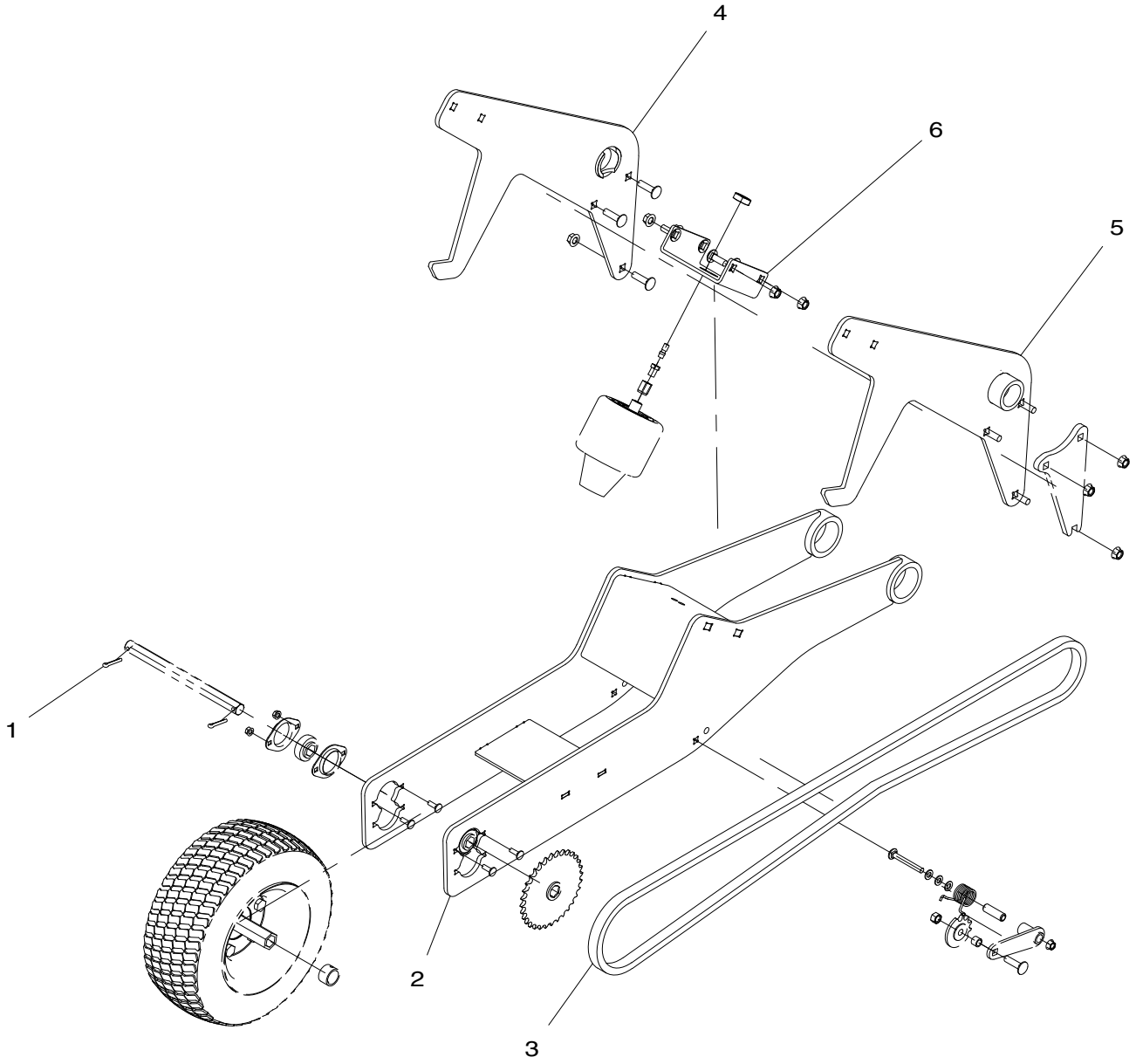
SECTION 3 PARTS LIST AND INSTALLATION OF GROUND DRIVE MODULE S-TECH 012P FOR 24R30



MAIN PARTS LIST OF GROUND DRIVE MODULE S-TECH 012P FOR 24R30



ITEM	PART #	QTY	DESCRIPTION
1	11M7054	2	6.3 X 32 mm COTTER PIN
2	8031029-5100-1	1	EXTENSION ARM - PAINTED
3	8031029-5110-1	1	TYPE 50 ROLLER CHAIN - 180 PITCH
4	8031029-5130-1	1	LEFT STOPPER ARM - PAINTED
5	8031029-5140-1	1	RIGHT STOPPER ARM - PAINTED
6	8031029-5150-1	1	AIR SPRING SUPPORT - PAINTED
7	ETSI_00360	1	CAUTION STICKER

3.1 INSTALLATION OF GROUND DRIVE MODULE S-TECH 012P FOR 24R30

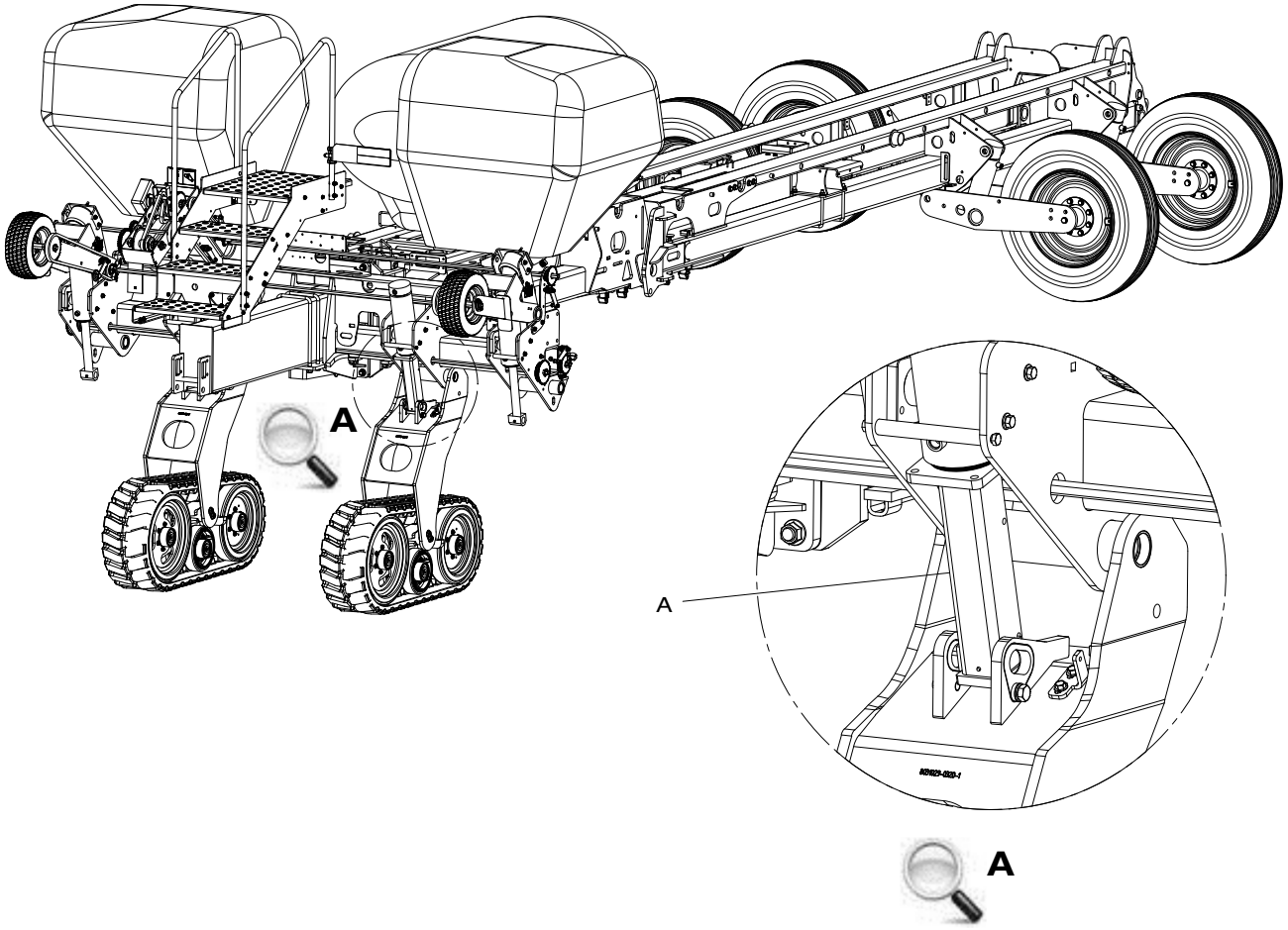
⚠ WARNING ⚠

- **WHEN THE PLANTER IS RAISED, MAKE SURE THAT IT IS PROPERLY SECURED / SUPPORTED TO PREVENT IT FROM ACCIDENTALLY FALLING DURING THE INSTALLATION OF THE TRACKS. IF NOT PROPERLY SECURED / SUPPORTED, SERIOUS PHYSICAL INJURIES COULD OCCUR.**
- **ENSURE THAT THE PLANTER IS STABLE. SOUCY SUGGESTS LEAVING THE PLANTER HOOKED ON THE TRACTOR**

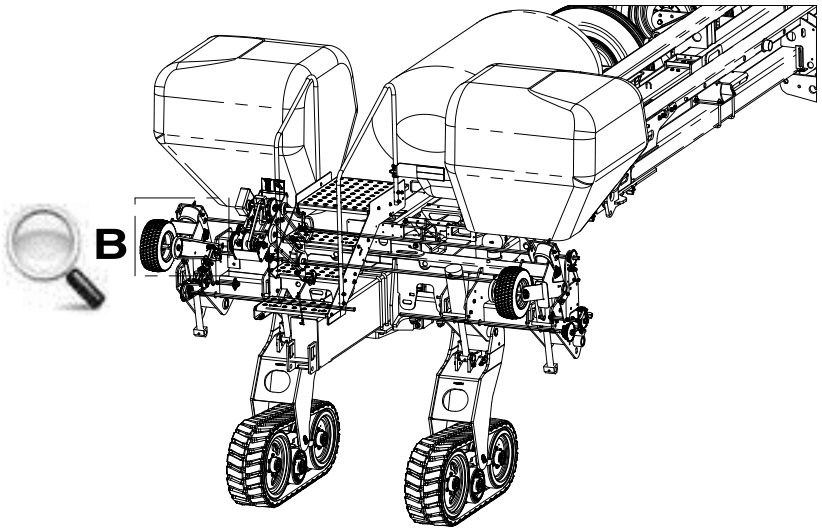
NOTICE

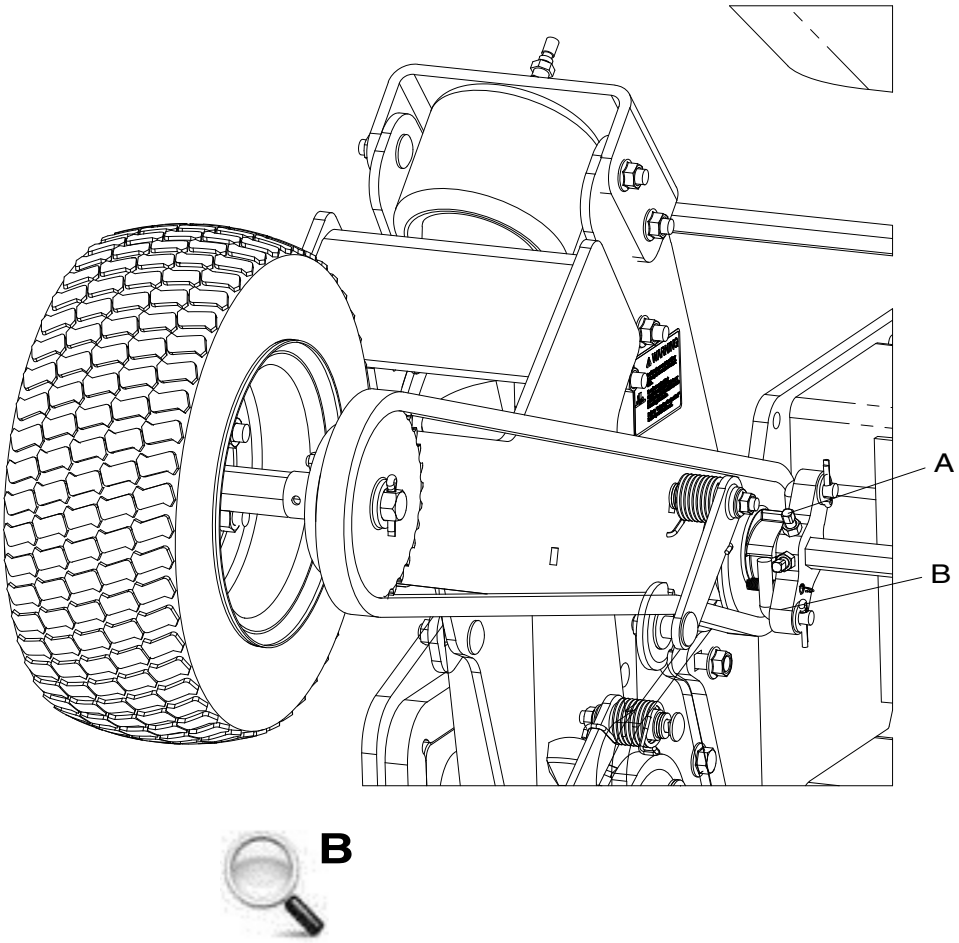
AT THIS STAGE, THE INNER TRACK KITS SHOULD BE INSTALLED AND THE OUTER WHEELS AND LIFT ARMS REMOVED.

1. Make sure that hydraulic cylinders stoppers (A) are well installed on inner cylinders.



2. Loosen the bolts (A) on all driving shaft collars (B) in order to make the shaft free to move. See detail B.

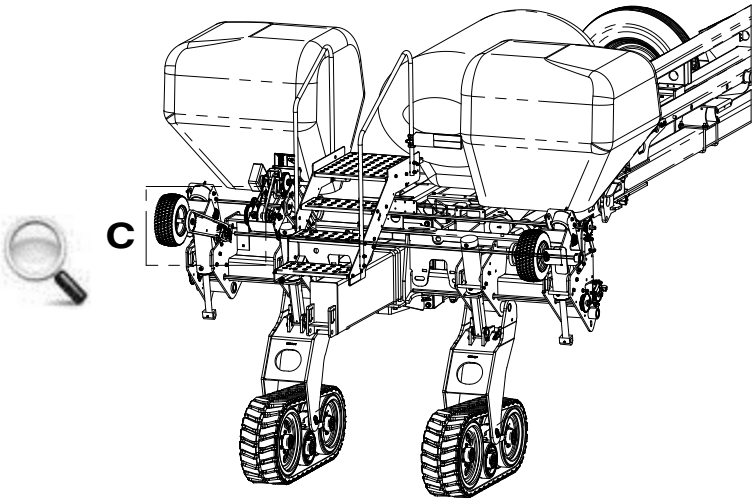


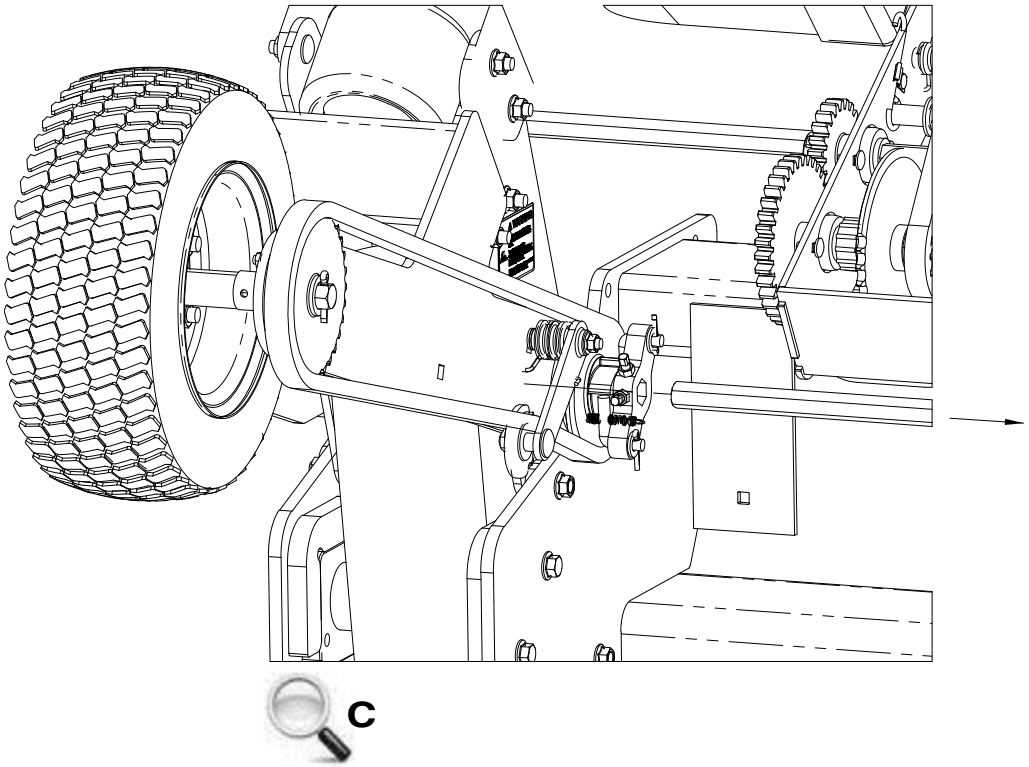


3. Slide the driving shaft to the right until it clears completly the ground drive module.

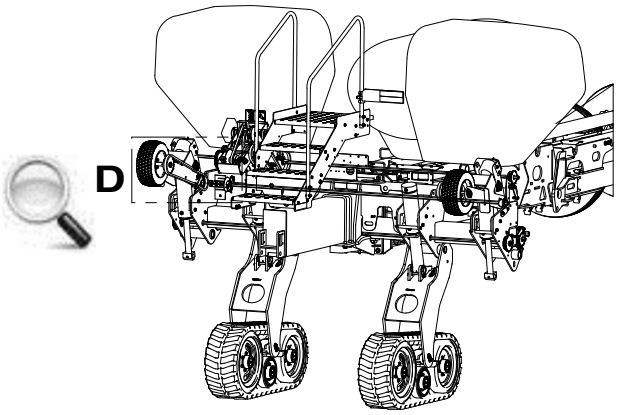
NOTE

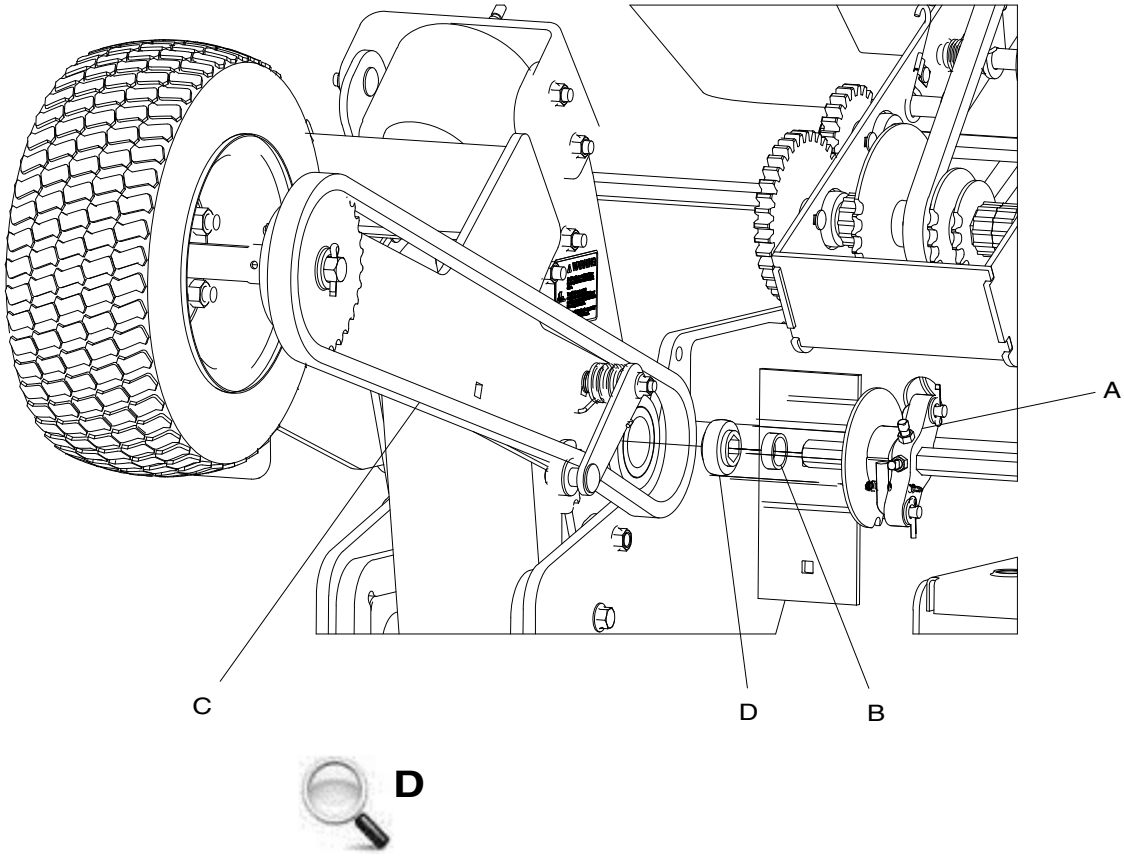
You can use an aluminum punch to help you push the driving shaft.



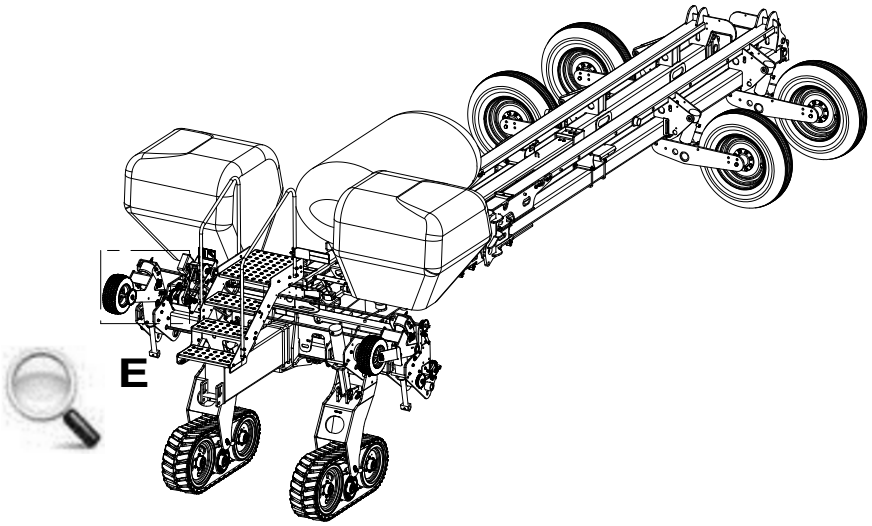


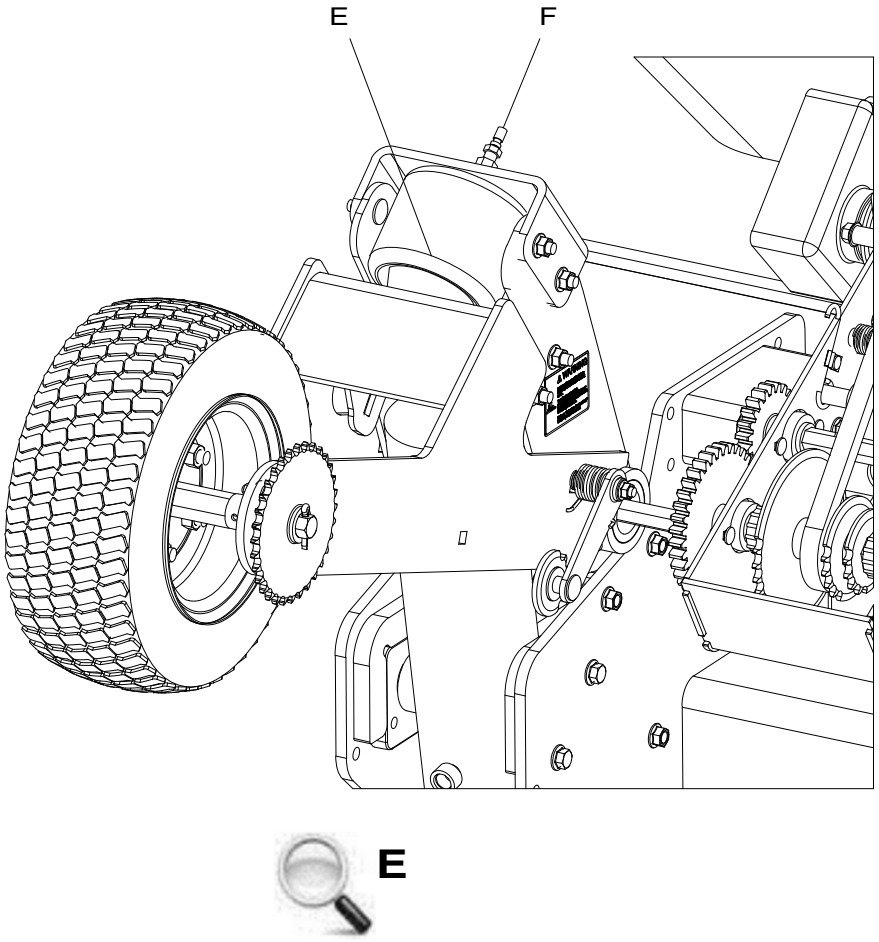
4. Remove the sprocket, the collar and the hardware (A) from the driving shaft.
5. Keep the sprocket bushing (B) and the spherical bearing (D), they will be reinstalled later.
6. Remove the roller chain (C).
   Loosen the chain by holding the tensionner with your hand.



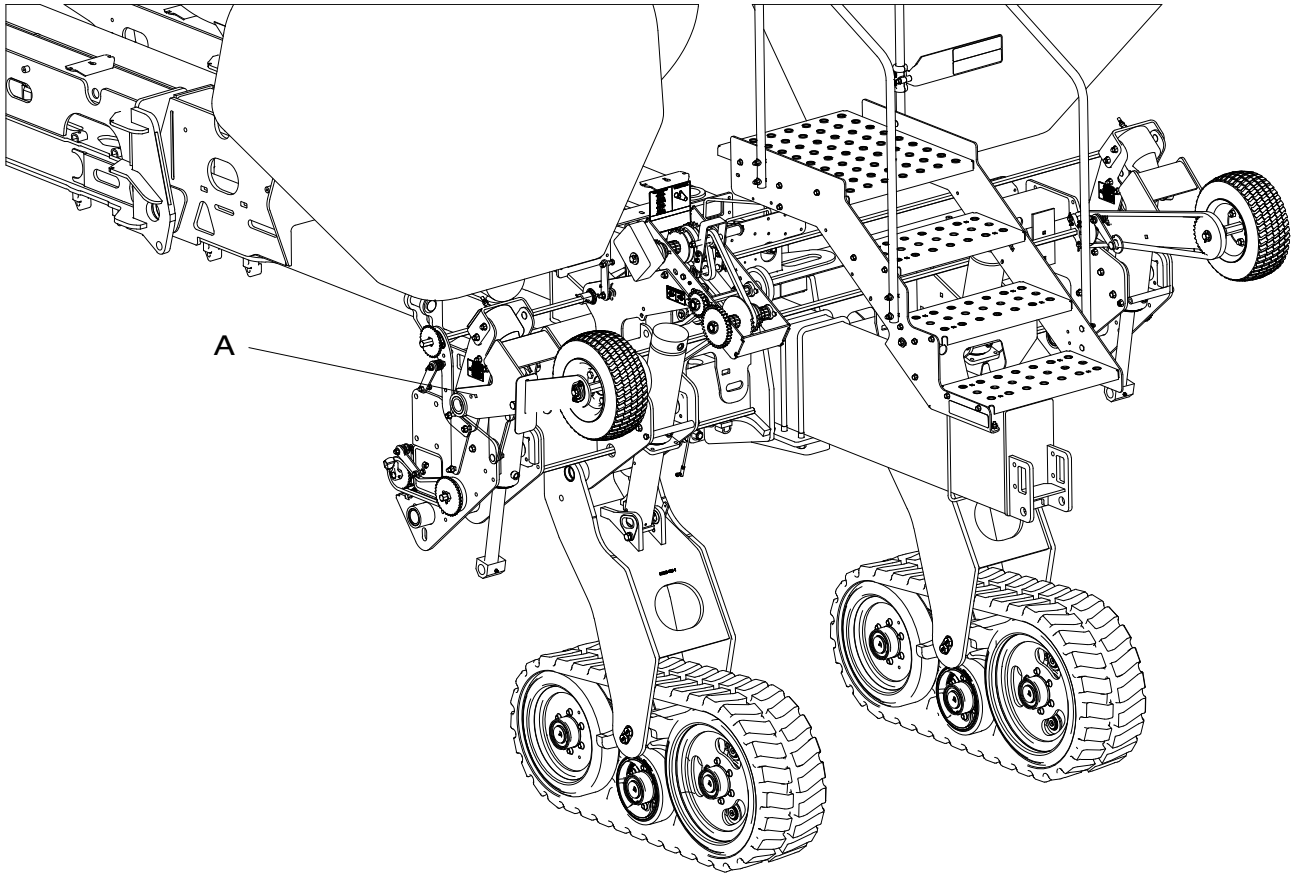


7. Release the pressure inside the air spring (E) using the needle valve (F).

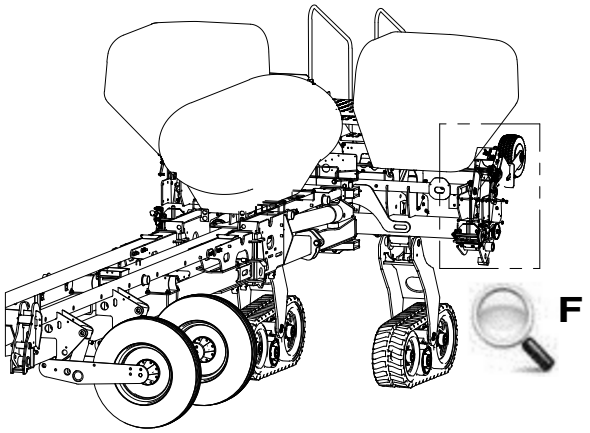


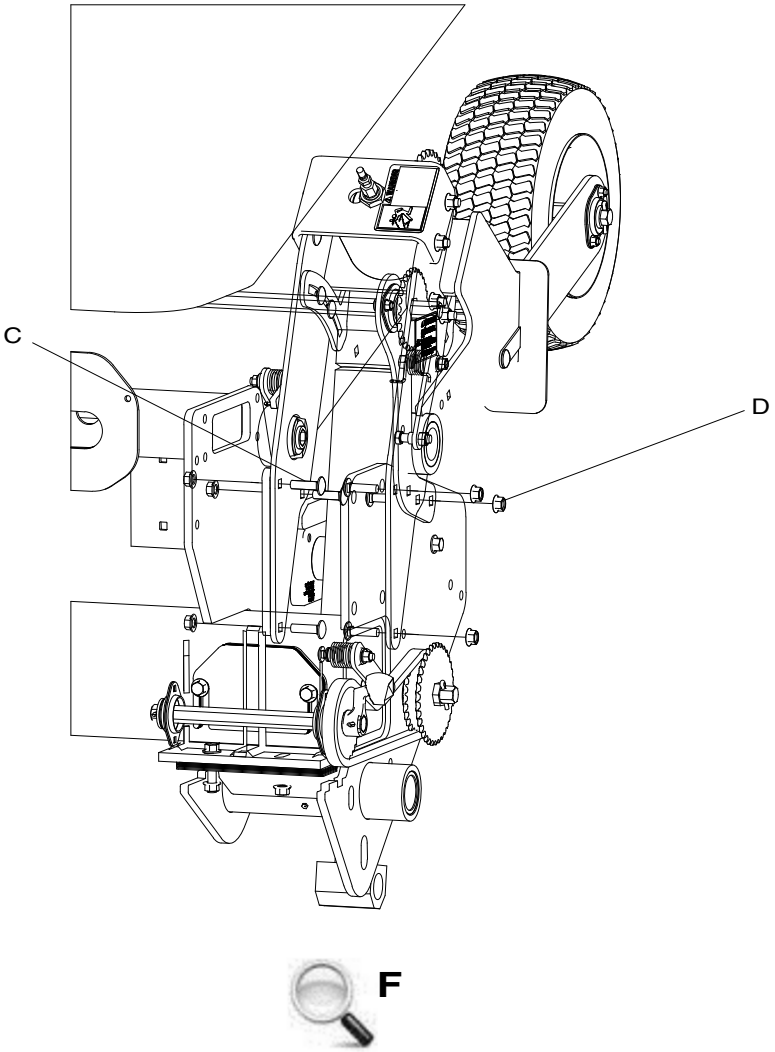


8. Hold the contact drive (A) with a forklift and straps or chains.

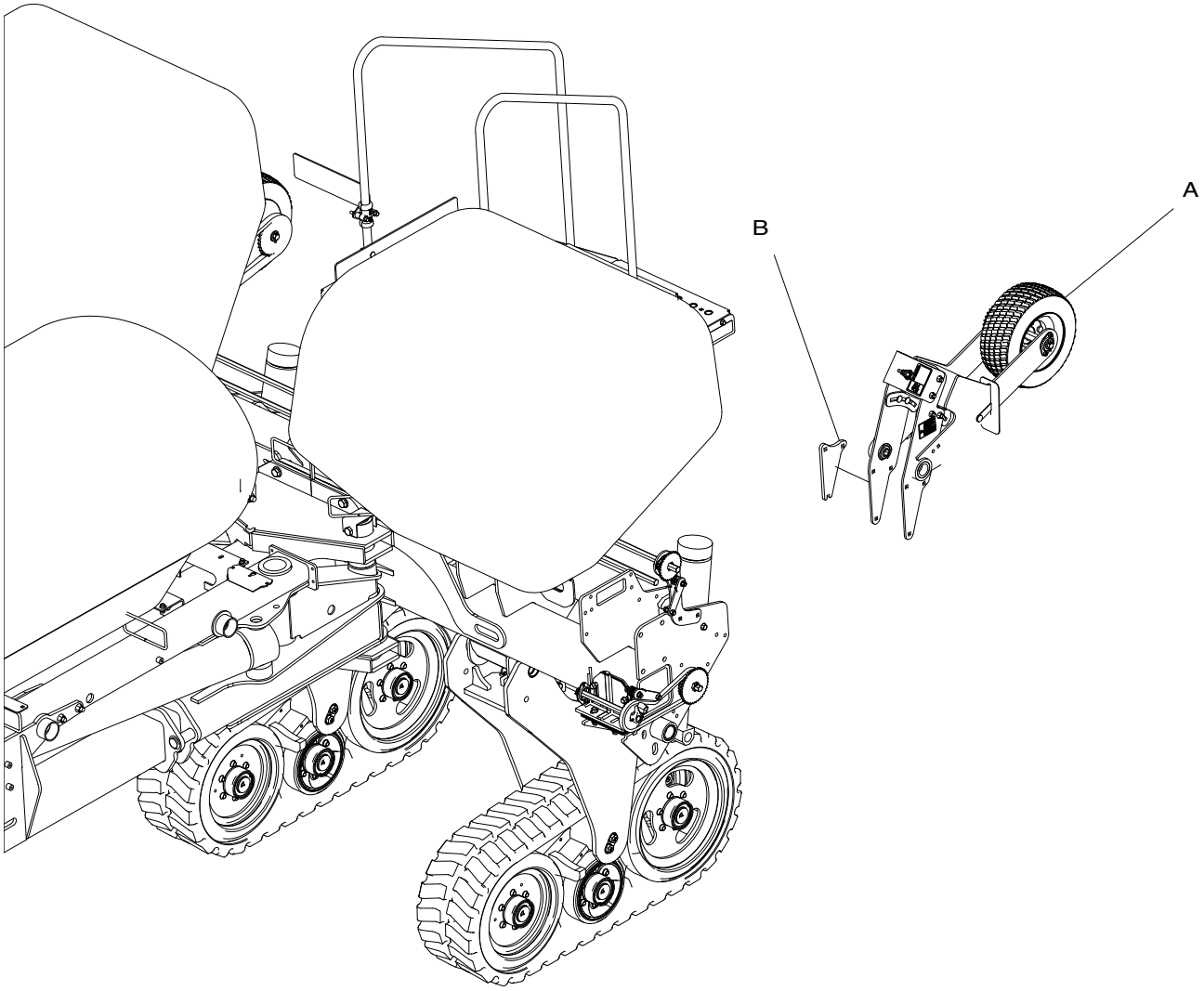


9. Remove the screws (C) and nuts (D).
10. Keep the screws and nuts, they will be used when installing the Soucy ground drive module.

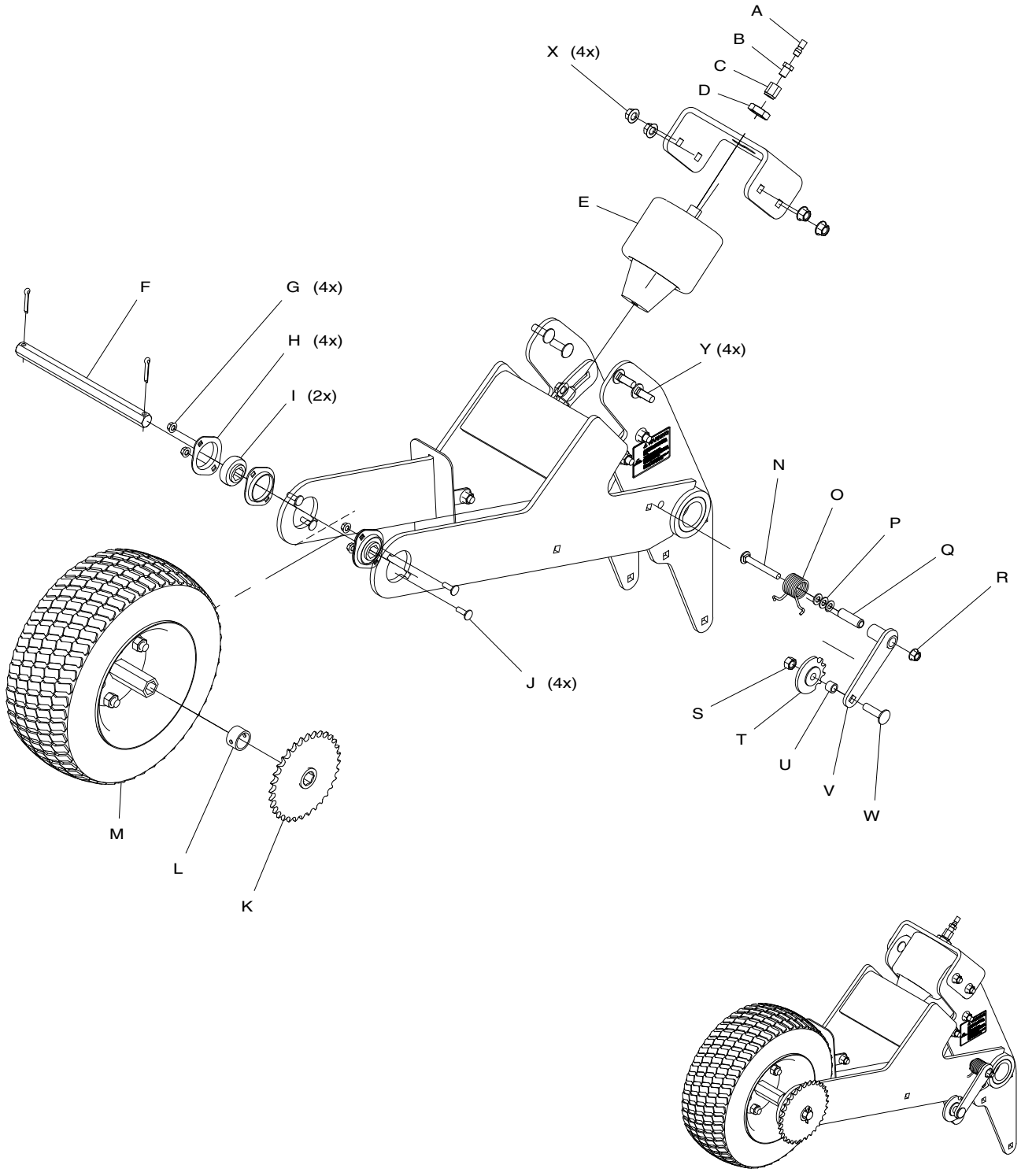




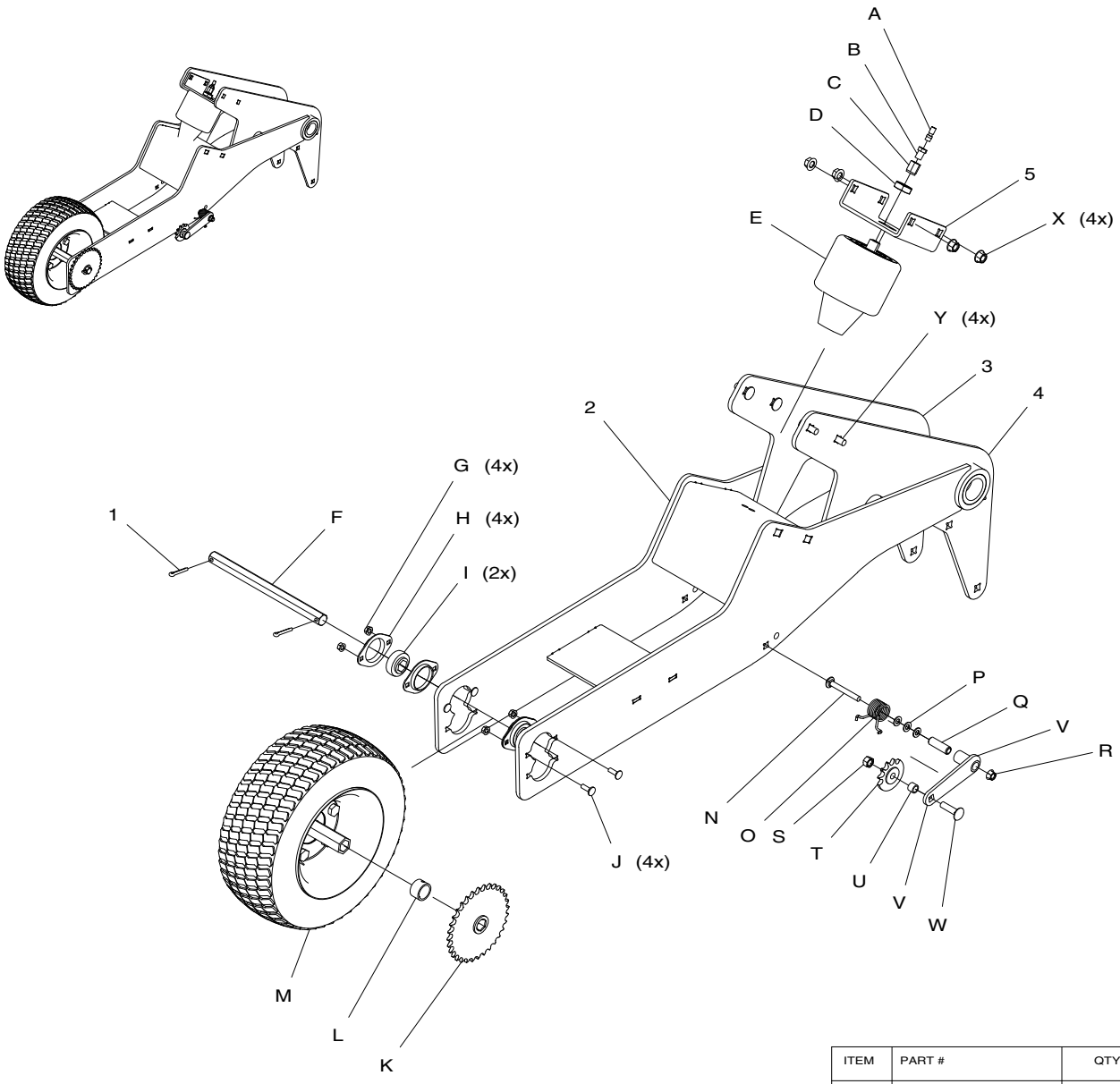
11. Using the forklift, pull the contact drive module (A) off the planter.
12. Keep the spacer plate (B), it will be reinstalled later.



13. Uninstall parts (A-W). Keep them, they will be reinstalled on Soucy ground drive module.

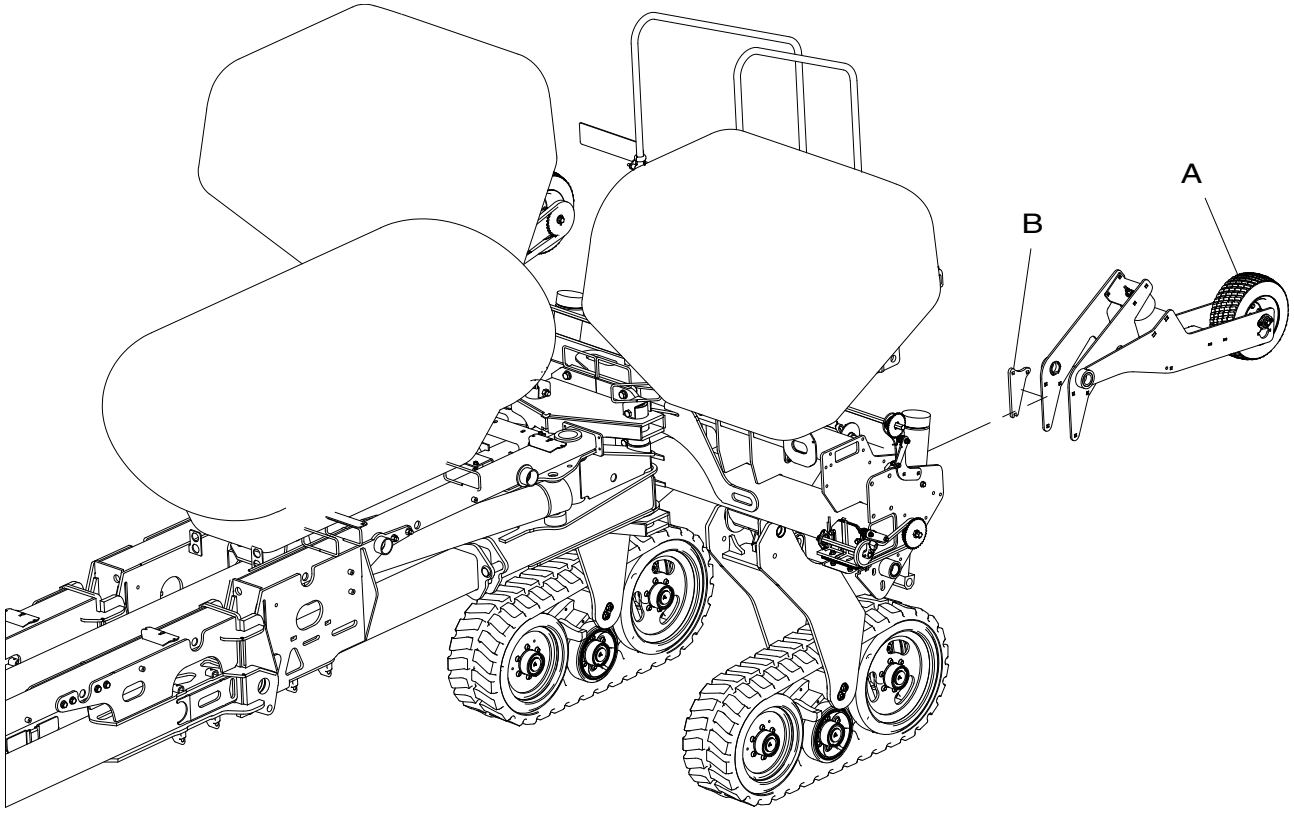


14. Assemble the previously uninstalled OEM hardware parts on Soucy ground drive module.

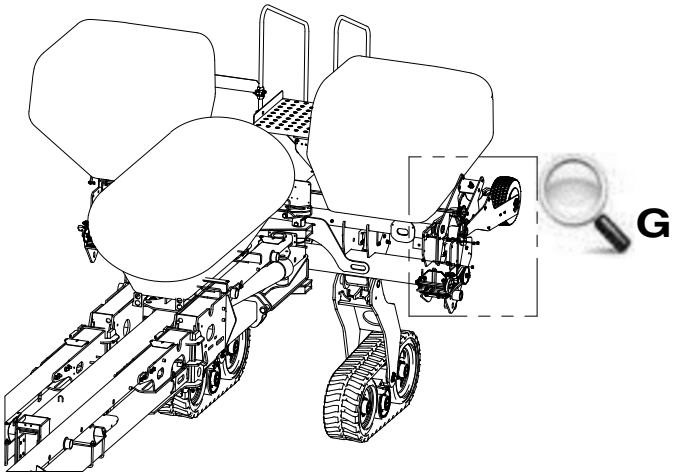


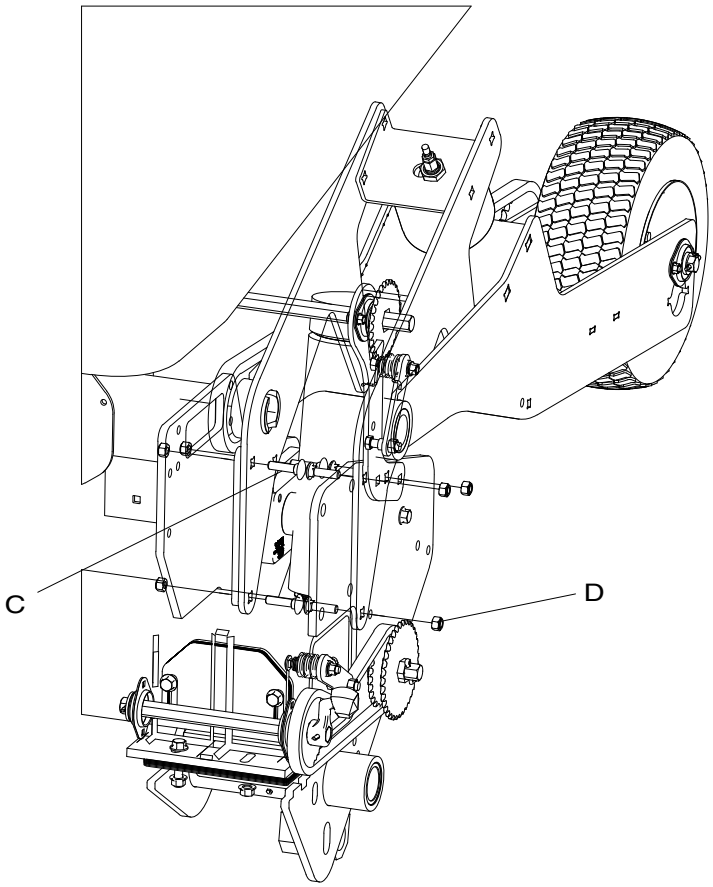
ITEM	PART #	QTY
1	11M7054	2
2	8031029_5100_1	1
3	8031029_5130_1	1
4	8031029_5140_1	1
5	8031029_5150_1	1

15. Using a forklift, install the assembled Soucy ground drive (A) and its spacer plate (B) on the planter.



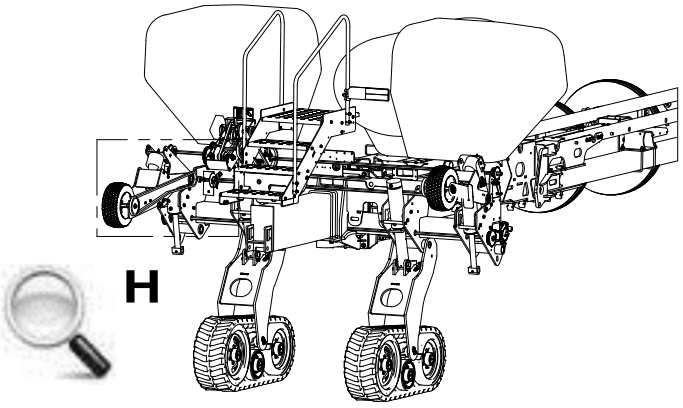
16. Use the previously removed bolts (C) and nuts (D) to install the planter on the central frame. Apply Loctite 271 or equivalent and torque nuts (D) 70 LB-ft / 95 Nm.

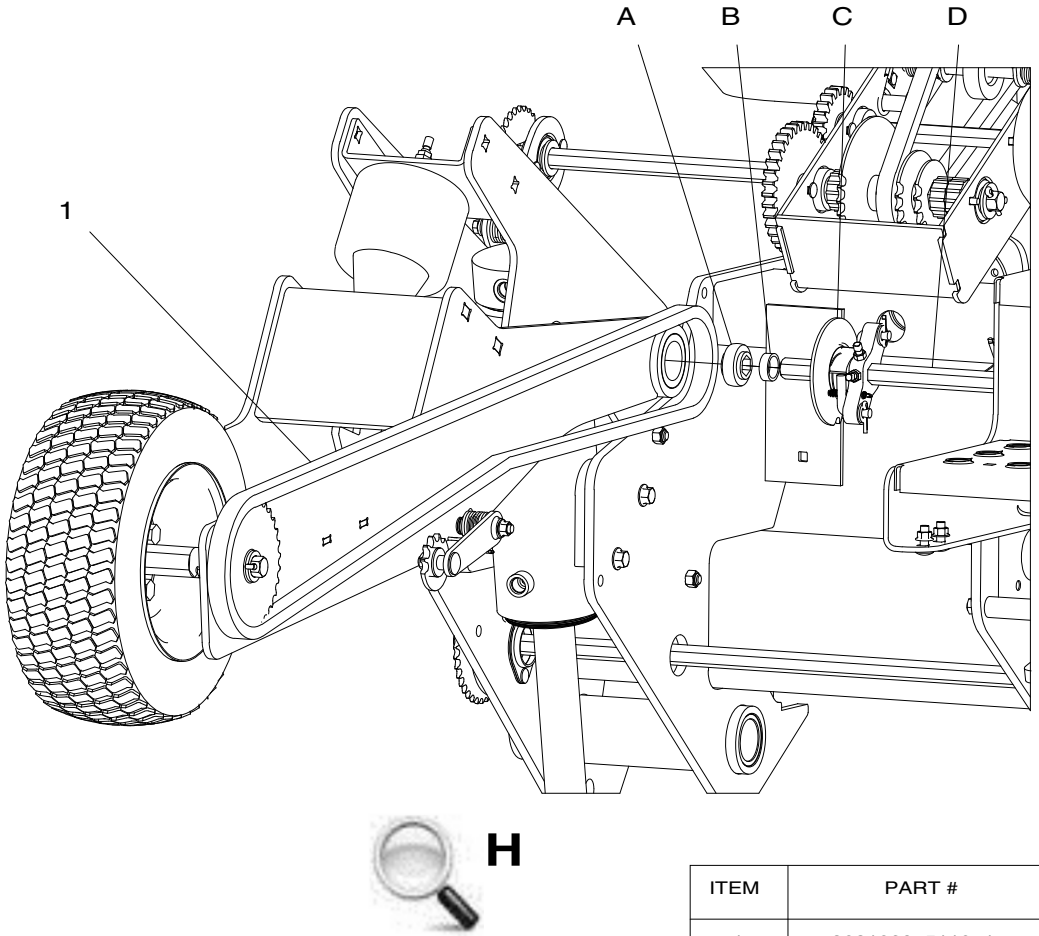






17. Reinstall the spherical bearing (A) and slide the bushing (B), the sprocket assembly (C) and the driving shaft (D) to its original position.
18. Install the roller chain (1) supplied by Soucy over the sprocket.
    Loosen the chain by holding the tensionner with your hand.





ITEM	PART #	QTY
1	8031029_5110_1	1

19. Tighten all collar bolts (G) on driving shaft.
20. Inflate the air spring (E) to 100 psi using the needle valve (F).

