



INSTALLATION INSTRUCTIONS FOR BM16219 3-POINT
HITCH ON 318 AND 420 LAWN AND GARDEN TRACTORS



PARTS IN KIT

BM16219, M85141

BAG OF PARTS

- 2 - Lower Links
- 2 - Adjusting Bolts
- 2 - Yokes
- 1 - Upper Link Assembly
- 2 - Short Groove Pins
- 2 - Long Groove Pins
- 1 - Right-Hand Bracket
- 1 - Left-Hand Bracket
- 1 - Rockshaft
- 1 - Stop Strap
- 1 - Bag of Parts

- 2 - Washers
- 1 - 5/16 x 1-1/2 in. Bolt and Lock Nut
- 2 - 1/2 x 1-1/2 in. Bolt and Lock Nut
- 2 - Small Drilled Pins
- 2 - Small Spring Locking Pins
- 1 - Large Round Head Pin
- 5 - Drilled Pins
- 6 - Large Spring Locking Pins
- 2 - 5/8 x 1-1/4 in. Bolts

Note: Fender deck removed for illustration purposes.

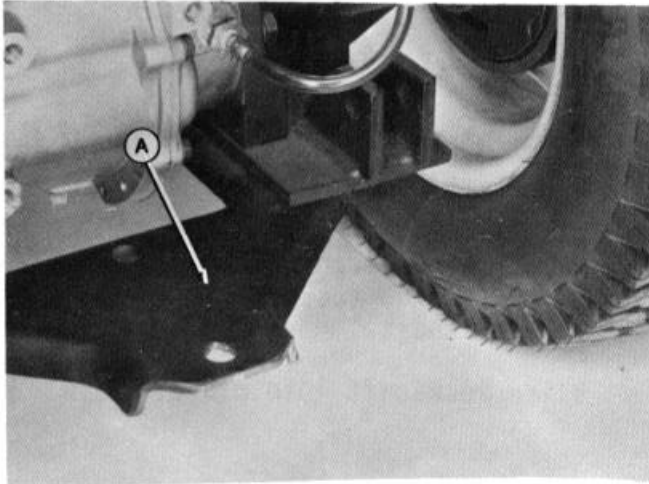


Figure 1

1. Remove hitch plate (A). Install right and left-hand brackets and hitch plate with existing hardware and 2 bolts from bag of parts. (Right-hand side of the tractor shown.)

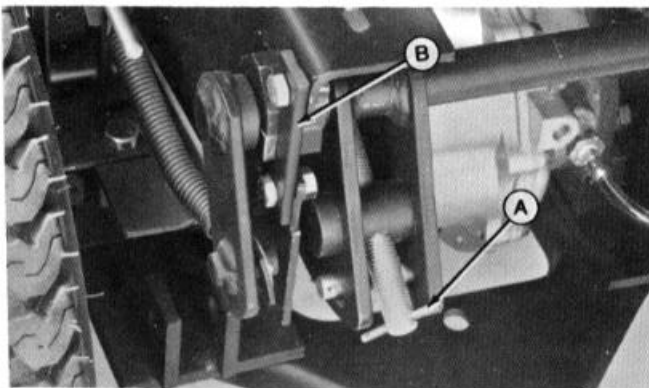


Figure 2

2. Remove pin (A). Remove nuts, cap screws and bracket (B) from both sides of the rockshaft.

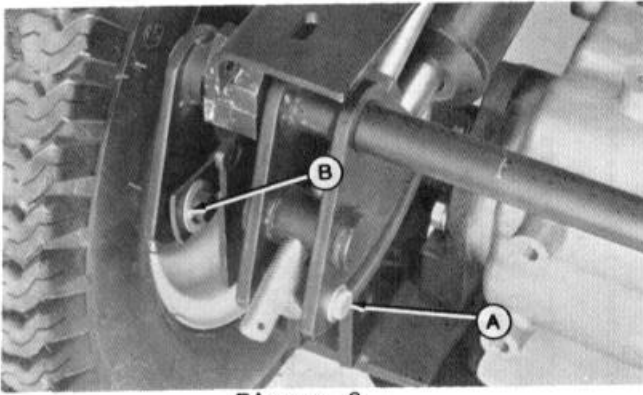


Figure 3

3. Remove cotter pin, washer and pin from location (A). On both sides remove cotter pin and washer from location (B). Remove strap from each side.

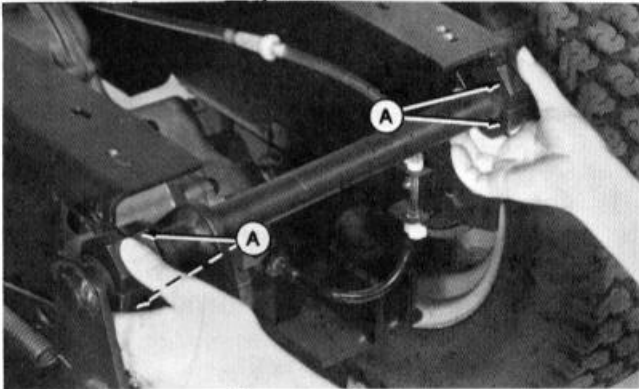


Figure 4

4. Remove rockshaft assembly. Keep rockshaft collars (A) and bell crank drilled pin.

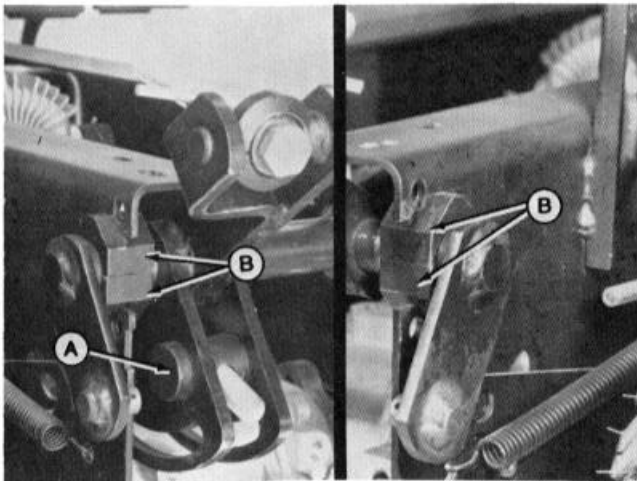


Figure 5

5. Install bell crank drilled pin in bell crank (A) and rockshaft collars (B) on new rockshaft.

Slide rockshaft into place.

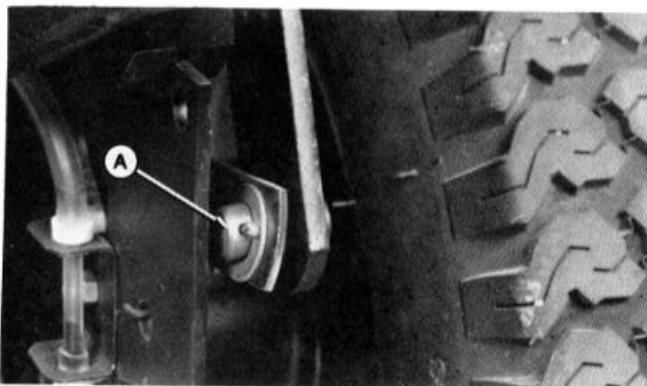


Figure 6

6. On each side install strap and washer on pin (A). Secure with cotter pin.

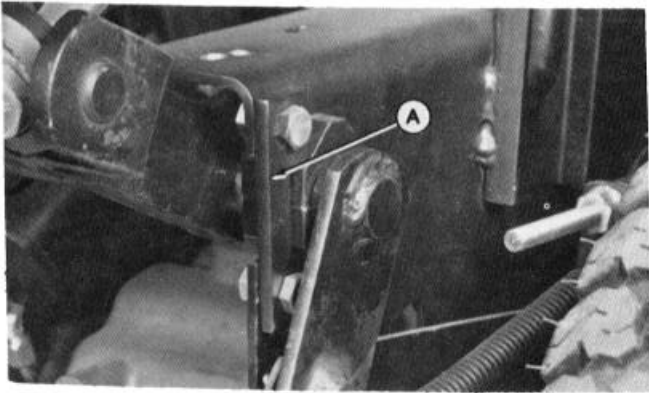


Figure 7

7. Install bracket (A) with cap screws and nuts.

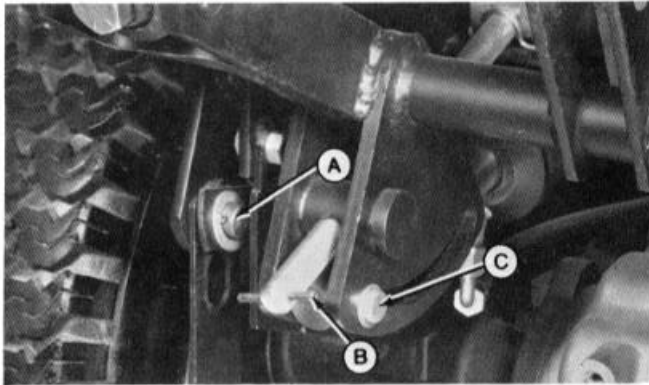


Figure 8

8. On left-hand side of tractor, install stop strap and washer on pin (A). Secure with cotter pin.

Install drilled pin (B) in depth stop.

Install pin and washer (C) through bell crank and cylinder shaft. Secure with cotter pin.

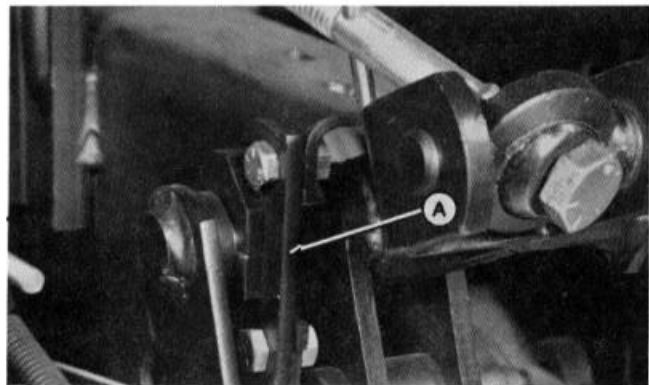


Figure 9

9. Install bracket (A) with cap screws and nuts.

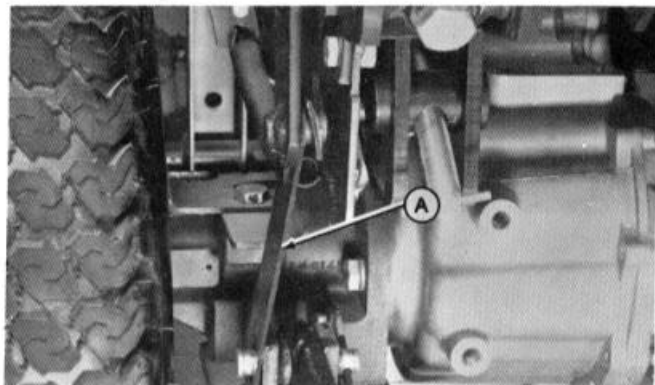


Figure 10

10. On left-hand side of the tractor, with a drilled pin, install lower link with stop strap (A) outside of bracket as shown. Secure with a large spring locking pin.

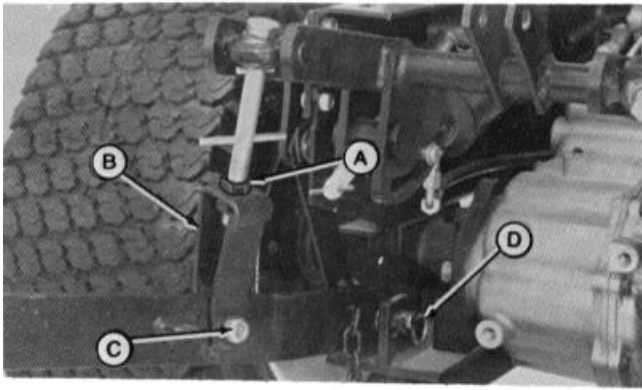


Figure 11

11. Attach yoke to bracket with bolt and lock nut (C). Tighten lock nuts so brackets are not held tight.

Attach right-hand bracket and yoke with spring locking pin (D).

Do the same on the other side.

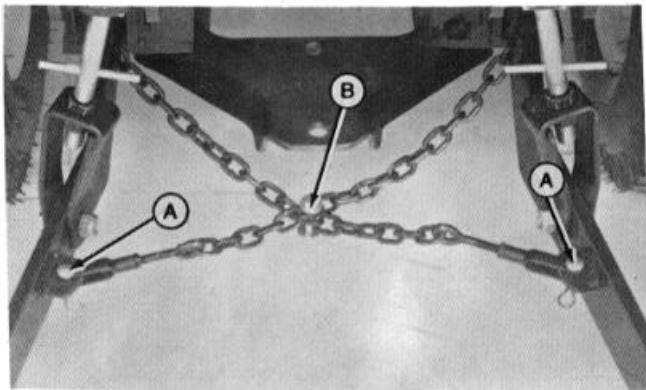


Figure 12

12. Attach chain as shown with small drilled pins and cotter pins (A). Install 5/16-in. bolt and washer (B) through both chains.

IMPORTANT: To prevent chains from being caught on hitch while implement is being raised, install bolt through chains as close to hitch as possible.

Install washer on bolt and secure with lock nut.

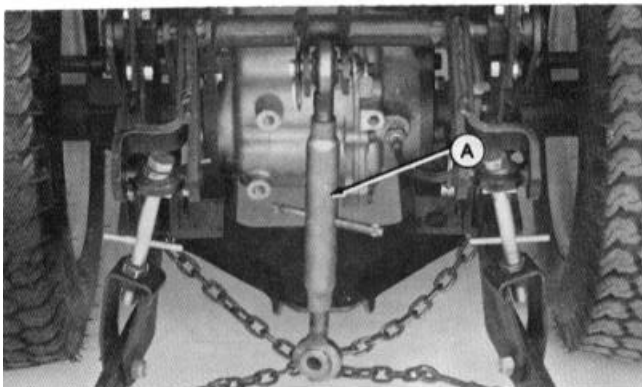
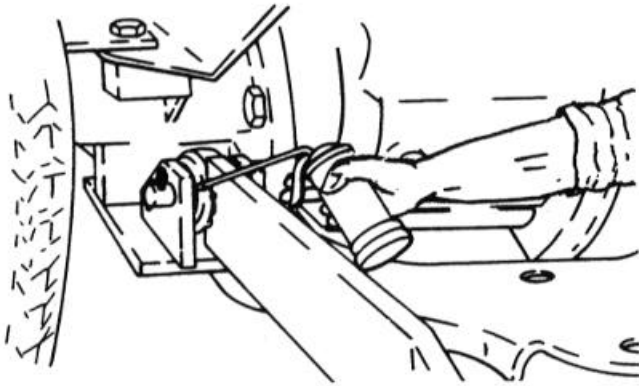


Figure 13

13. Install center link (A) with round-head drilled pin and large cotter pin.

14. Use the three remaining large spring locking pins on right and left-hand brackets and center link when attaching tractor to implement.

IMPORTANT: Remove this page and give it to the customer. It contains important lubrication information.



As necessary, lubricate ball joints on 3-point hitch arms with a light engine oil.