

Replacement of the red rubber roller in a CAEB MP550 Mountain Press baler for Walk-Behind Tractor

Reference Document: MP550 Baler - 2012 to 2018 SPARE PARTS LIST.pdf (available from Earth Tools)

Pages: 201.ESP.019 RNS, 201.ESP.034 RNS, 200.ESP.037 RNS and 202.ESP.020 RNS

Part numbers are in parenthesis in the text below.

Removal:

1. Remove both side panels. Remove the roll of bale wrap. Remove the chrome bar that spreads the bale wrap (200.50.000 (A)).
2. Use zip ties to pull back and hold the spring-loaded brackets (200.000.216_R00) on each side that press the steel roller against the rubber roller.
3. Remove two set screws (one on top of the other) (1050.044/C) from the single threaded hole in the rubber roller
4. Remove the small chain loop and gear assembly from the right side of the baler by removing the large bolt in the center of the larger gear (1000.061). Leave the small gear attached to the axle that goes through the center of the rubber roller.
5. Use a hammer and a long extension from a 3/8" drive socket set to push out the axle (200.00.211) that is inside the rubber roller from the left side of the baler.
6. Use a slide hammer to pull the gear and axle assembly from the right side of the baler. If a slide hammer is not available, put the jaws of a large adjustable wrench around the rod, behind the gear, and tap on the side of the wrench.
7. When the axle is completely removed, lift out the rubber roller, being careful not to lose the two steel spacers (200.00.063 (A)) that are inside, at the ends of the roller.
8. Use a shop vacuum and a putty knife to clean under the roller area.

Installation:

1. Place the axle, with a spacer at each end, through the new rubber roller. Apply a small amount of RTV silicone to the area between the outside of each spacer and the inside of the rubber roller. Let the RTV dry overnight. The reason for doing this is so that the spacers will stay centered and in the correct position when you pull out the axle and install the rubber roller into the baler.
2. After the RTV sets overnight, remove the axle from the rubber roller and trim off any excess RTV.
3. Install a very loose zip tie around the rubber roller. This will act like a sling to help you position the roller during installation, to line it up with the axle.
4. Install the rubber roller into the baler.
5. Push the axle about two thirds of the way through the roller, leaving the drilled-out spot where the set screw fits, outside of the right side of the baler and facing up.
6. Turn the rubber roller so that the threaded hole is at the top and aligned with the drilled-out spot in the rod.
7. Shine a bright flashlight down through the threaded hole in the roller and gently tap the axle in until the drilled-out spot shows at the bottom of the threaded hole.
8. Install both set screws using Lock-Tite blue. The head of the upper set screw must not be above the rubber of the roller, or else it will strike on the steel roller. If it is, remove both set screws and try aligning the axle again.
9. Cut and remove the two zip ties that were used to hold the steel roller springs from pressing against the rubber roller.
10. Cut and remove the loose zip tie from around the rubber roller.
11. Install the chain loop and gear assembly using Lock-Tite blue on the bolt.
12. Install the chrome bale wrap spreader, the side panels and the roll of bale wrap.

(This Document compiled by Earth Tools customer Mark Baker—Thanks so much, Mark!)