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MJ840 Roller Scraper Kit

Document Number	Kit / Part Number	Model	Serial Number Range
09.700343	70.8239	MJ840	All Units

⚠ WARNING

Always engage the parking brake, shut off the power unit engine, remove the ignition key, and ensure that all moving parts have come to a complete stop before starting the kit or part installation.

Always disconnect the negative battery cable from the battery when working with electrical components. Always work in a manner that does not put safety at risk!

⚠ WARNING

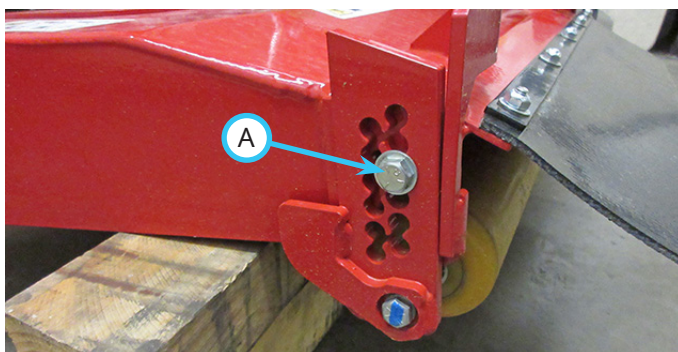
Eye protection must be worn during installation. Hearing protection must be worn when using air or power tools.

Installation Notes: *Right and left hand orientation referred to in these instructions is determined as if facing forward from the operator station.*

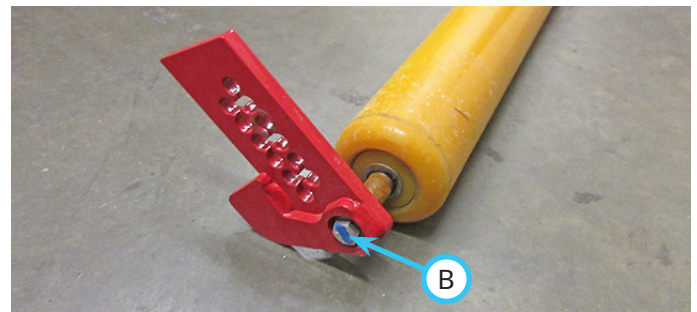
Installation Time (estimated) 45 minutes

Recommended Tool List					
Wrenches and Sockets		Other Tools		Supplies	
7/16 inch	9/16 inch	feeler gauge			blocks or jack stands

1. Park the contour mower on a clean, level surface.
2. Raise the rear of the decks and place blocks or jack stands under the sides of the decks in front of the rear rollers.
3. Note the mounting position of the rear roller height adjust brackets.
4. Remove the two bolts (A) that fasten the left and right rear roller height adjust brackets to the deck and slide the roller down to remove from the deck.



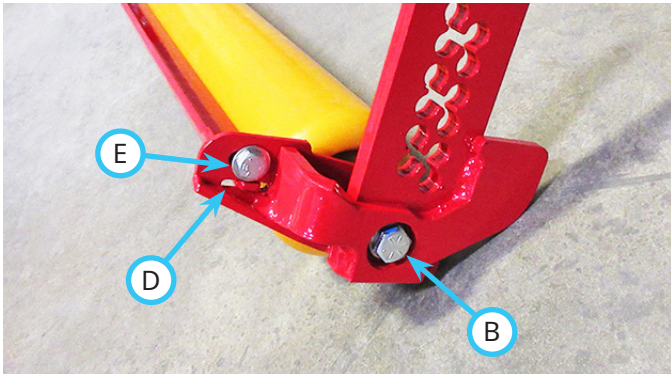
5. Remove the two bolts (B) that fasten the rear roller height adjust brackets to the roller shaft.



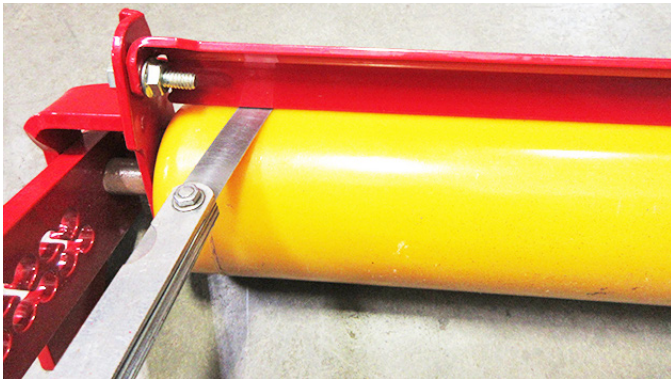
6. Clean the roller to remove any dirt or grass buildup.
7. Slide the new mounting brackets onto the roller shaft and fasten loosely with the original bolts and lock washers. NOTE: the two brackets with the extra guard plate (C) are installed on the outside position of the left and right decks.



- Insert the tabs on a roller scraper into the slots (D) in each scraper mounting bracket and fasten with two 1/4 x 1 inch bolts (E), washers, and flange nuts. Do not tighten.



- Torque the bolts (B) fastening the mounting brackets to the roller shaft to 42 N·m (31 ft-lb).
- Set the gap between the roller and the scraper to approximately 0.5 mm (0.020 inch) and tighten the scraper mounting hardware.



- Spin the roller to make sure there are no high spots on the roller that rub on the scraper. If the roller rubs on the scraper, adjust the scraper gap until there is no interference between the roller and the scraper.
- Torque the roller scraper bolts to 11 N·m (100 in-lb).
- Reinstall the roller assembly onto the deck by sliding the mounting brackets up into place. Reinstall the original mounting hardware and torque to 42 N·m (31 ft-lb). NOTE: if you can't slide the mounting brackets onto the deck, loosen the roller shaft bolts until the roller assembly is installed, then retighten the roller shaft bolts.



- Repeat this process for the rollers on the remaining decks.

Installation is complete.

Kit Contents		
Part #	Description	Qty.
90.0408	Bolt, 1/4-20 USS x 1	6
95.04	Washer, Flat 1/4 SAE	6
99.SF04	Nut, SRF 1/4-20 USS	6
MJ-1002	Scraper, Rear Roller MJ	3
MJ-6003	Mount, Scraper Roller Ht Adj. Mid LH	2
MJ-6004	Mount, Scraper Roller Ht Adj. Mid RH	2
MJ-6005	Mount, Scraper Roller Height Adj. LH	1
MJ-6006	Mount, Scraper Roller Height Adj. RH	1